



**REGIONE TOSCANA**

**Commissario Delegato  
ex L. 228 24/12/2012**

***LAVORI DI “RIALZAMENTO DEL PONTE SUL FIUME  
FRIGIDO SUL LUNGOMARE VESPUCCI DI MARINA DI  
MASSA”***

***Sito in: Massa  
Viale Vespucci***

***Ente Attuatore: Regione Toscana***

***Proprietà: Comune di Massa***

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***DOCUMENTO:***

***Verifica dell' impalcato:  
Fascicolo dei calcoli modello n=6 verifica locale pedonale***

***Data: Gennaio 2017***

***----- 000 -----***





Software e Servizi  
per l'Ingegneria s.r.l.

**PRO\_SAP**

**PRO**fessional **S**tructural **A**nalysis **P**rogram

**Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 14 Gennaio 2008 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.**



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D.M. 14/01/08 cap. 10.2 Affidabilità dei codici utilizzati

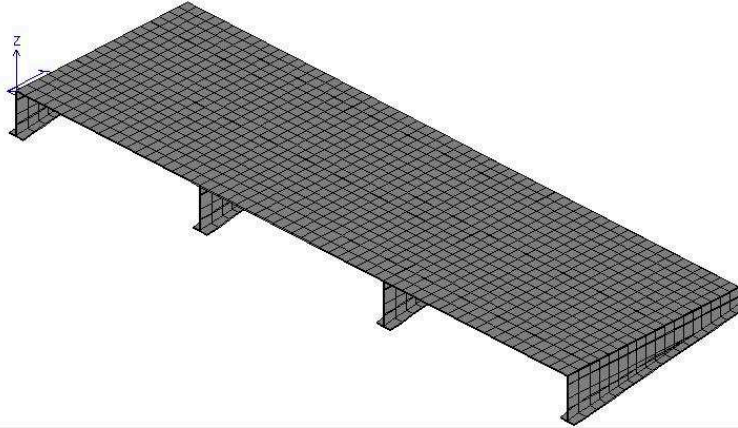
<http://www.2si.it/software/Affidabilità.htm>



## INTESTAZIONE E CONTENUTI DELLA RELAZIONE

Progetto: modello n=6 verifica locale pedonale

MODELLO



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Verifica locale Pedonale.PSP

Contenuti della relazione:

RELAZIONE DI CALCOLO STRUTTURALE

- *Origine e Caratteristiche dei Codici di Calcolo*

- *Affidabilità dei codici utilizzati*

- *Validazione dei codici*

- *Tipo di analisi svolta*

- *Modalità di presentazione dei risultati*

- *Informazioni generali sull'elaborazione*

- *Giudizio motivato di accettabilità dei risultati*

STAMPA DEI DATI DI INGRESSO

- *Normative prese a riferimento*

- *Criteri adottati per le misure di sicurezza*

- *Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconnessioni*

- *Interazione tra terreno e struttura*

- *Legami costitutivi adottati per la modellazione dei materiali e dei terreni*

- *Schematizzazione delle azioni, condizioni e combinazioni di carico*

- *Metodologie numeriche utilizzate per l'analisi strutturale*

- *Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali*

STAMPA DEI RISULTATI



Il Progettista:



29 marzo 2017

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# CARATTERISTICHE MATERIALI UTILIZZATI

## LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

<i>Young</i>	modulo di elasticità normale
<i>Poisson</i>	coefficiente di contrazione trasversale
<i>G</i>	modulo di elasticità tangenziale
<i>Gamma</i>	peso specifico
<i>Alfa</i>	coefficiente di dilatazione termica

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	<b>cemento armato</b>	<b>Rck</b> <b>Fctm</b>	resistenza caratteristica cubica resistenza media a trazione semplice
2	<b>acciaio</b>	<b>Ft</b> <b>Fy</b> <b>Fd</b> <b>Fdt</b> <b>Sadm</b> <b>Sadmt</b>	tensione di rottura a trazione tensione di snervamento resistenza di calcolo resistenza di calcolo per spess. $t > 40$ mm tensione ammissibile tensione ammissibile per spess. $t > 40$ mm
3	<b>muratura</b>	<b>Resist. Fk</b> <b>Resist. Fvko</b>	resistenza caratteristica a compressione resistenza caratteristica a taglio
4	<b>legno</b>	<b>Resist. fc0k</b> <b>Resist. ft0k</b> <b>Resist. fmk</b> <b>Resist. fvk</b> <b>Modulo E0,05</b> <b>Lamellare</b>	Resistenza caratteristica (tensione amm. per REGLES) per compressione Resistenza caratteristica (tensione amm. per REGLES) per trazione Resistenza caratteristica (tensione amm. per REGLES) per flessione Resistenza caratteristica (tensione amm. per REGLES) per taglio Modulo elastico parallelo caratteristico lamellare o massiccio

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.



Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO\_SAP e dei moduli aggiuntivi PRO\_SAP Modulo Geotecnico, PRO\_CAD nodi acciaio e PRO\_MST" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

**Modellazione di strutture in c.a.**

Test N°	Titolo
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

**Modellazione di strutture in acciaio**

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO



<b>59</b>	FATTORE DI STRUTTURA
<b>60</b>	ACCIAIO D.M.2008
<b>61</b>	ACCIAIO EC3
<b>62</b>	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
<b>63</b>	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
<b>73</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
<b>74</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
<b>75</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
<b>76</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
<b>77</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
<b>78</b>	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
<b>79</b>	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
<b>85</b>	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

#### Modellazione di strutture in muratura

<b>Test N°</b>	<b>Titolo</b>
<b>81</b>	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
<b>84</b>	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
<b>86</b>	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
<b>87</b>	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
<b>88</b>	FATTORE DI STRUTTURA

#### Modellazione di strutture in legno



Test N°	Titolo
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
		daN/cm2	daN/cm2		daN/cm2	daN/cm3	
12	acciaio Fe510 - S355		2.100e+06	0.30	8.077e+05	7.80e-03	1.20e-05
	ft	5100.0					
	fy	3550.0					
	fd	3550.0					
	fdt	3150.0					
	sadm	2400.0					
	sadmt	2100.0					

Aste acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Generalità</b>						
Beta assegnato	0.80					
Verifica come controvento	No					
Usa condizioni I e II	Si					
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					

Pilastrini acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Lunghezze libere</b>						
Metodo di calcolo 2-2	Assegnato					
2-2 Beta assegnato	2.00					
2-2 Beta * L assegnato [ cm ]	0.0					
Metodo di calcolo 3-3	Assegnato					
3-3 Beta assegnato	2.00					
3-3 Beta * L assegnato [ cm ]	0.0					
1-1 Beta assegnato	1.00					
1-1 Beta * L assegnato [ cm ]	0.0					
<b>Generalità</b>						
Coefficiente gamma M0	1.05					



<b>Pilastri acc.</b>	<b>1/7/..</b>	<b>2/8/..</b>	<b>3/9/..</b>	<b>4/10/..</b>	<b>5/11/..</b>	<b>6/12/..</b>
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Effetti del 2 ordine	Si					
Momenti equivalenti	Si					
Usa condizioni I e II	Si					

<b>Travi acc.</b>	<b>1/7/..</b>	<b>2/8/..</b>	<b>3/9/..</b>	<b>4/10/..</b>	<b>5/11/..</b>	<b>6/12/..</b>
<b>Lunghezze libere</b>						
3-3 Beta * L automatico	Si					
3-3 Beta assegnato	1.00					
3-3 Beta assegnato [ cm ]	0.0					
2-2 Beta * L automatico	Si					
2-2 Beta assegnato	1.00					
2-2 Beta * L assegnato [ cm ]	0.0					
1-1 Beta * L automatico	Si					
1-1 Beta assegnato	1.00					
1-1 Beta * L assegnato [ cm ]	0.0					
<b>Generalità</b>						
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Luce di taglio per GR [ cm ]	1.00					
Usa condizioni I e II	Si					
Momenti equivalenti	Si					



# MODELLAZIONE DELLE SEZIONI

## LEGENDA TABELLA DATI SEZIONI

Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

- |   |                                 |
|---|---------------------------------|
| 1 | sezione di tipo generico        |
| 2 | profilati semplici              |
| 3 | profilati accoppiati e speciali |

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

<b>Area</b>	area della sezione
<b>A V2</b>	area della sezione/fattore di taglio (per il taglio in direzione 2)
<b>A V3</b>	area della sezione/fattore di taglio (per il taglio in direzione 3)
<b>Jt</b>	fattore torsionale di rigidezza
<b>J2-2</b>	momento d'inerzia della sezione riferito all'asse 2
<b>J3-3</b>	momento d'inerzia della sezione riferito all'asse 3
<b>W2-2</b>	modulo di resistenza della sezione riferito all'asse 2
<b>W3-3</b>	modulo di resistenza della sezione riferito all'asse 3
<b>Wp2-2</b>	modulo di resistenza plastico della sezione riferito all'asse 2
<b>Wp3-3</b>	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava



Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

Per quanto concerne le sezioni di tipo generico (tipo 1.):  
 i valori dimensionali con prefisso B sono riferiti all'asse 2  
 i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO\_SAP e dei moduli aggiuntivi PRO\_SAP Modulo Geotecnico, PRO\_CAD nodi acciaio e PRO\_MST" - versione Settembre 2014, disponibile per il download sul sito [www.2si.it](http://www.2si.it), si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
104	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3



# MODELLAZIONE STRUTTURA: NODI

## LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).

Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

<b>Nodo</b>	numero del nodo.
<b>X</b>	valore della coordinata X
<b>Y</b>	valore della coordinata Y
<b>Z</b>	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

<b>Nodo</b>	numero del nodo.
<b>X</b>	valore della coordinata X
<b>Y</b>	valore della coordinata Y
<b>Z</b>	valore della coordinata Z
<b>Note</b>	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
<b>Note</b>	(FS = 1, 2,...) eventuale codice del tipo di fondazione speciale (1, 2,... fanno riferimento alle tipologie: plinto, palo, plinto su pali,...) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
<b>Rig. TX</b>	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 14/01/08

## TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
2	0.0	184.1	0.0	3	0.0	164.1	0.0	4	0.0	144.1	0.0
5	0.0	124.1	0.0	6	0.0	104.1	0.0	7	0.0	84.1	0.0
8	0.0	64.1	0.0	9	0.0	44.1	0.0	10	0.0	24.1	0.0
12	0.0	184.1	-15.0	13	0.0	144.1	-20.4	14	0.0	164.1	-17.7
15	0.0	44.1	-34.0	16	0.0	24.1	-36.7	17	0.0	64.1	-31.3
18	0.0	84.1	-28.6	19	0.0	104.1	-25.9	20	0.0	124.1	-23.1
21	0.0	84.1	-24.3	22	0.0	24.1	-20.0	23	0.0	44.1	-20.0
25	0.0	64.1	-20.0	26	0.0	84.1	-20.0	27	0.0	104.1	-20.0
28	0.0	124.1	-20.0	29	0.0	184.1	-19.0	30	0.0	12.1	-29.2
31	0.0	12.0	-38.4	32	0.0	12.1	-20.0	34	0.0	12.1	-8.0
35	0.0	12.1	0.0	36	0.0	54.1	-26.3	37	0.0	54.1	-32.7
38	0.0	174.1	-16.4	39	0.0	54.1	-20.0	40	0.0	64.1	-25.6
41	0.0	174.1	0.0	42	0.0	54.1	-8.0	43	0.0	94.1	-8.0
44	0.0	94.1	0.0	45	592.5	74.1	-20.0	46	0.0	104.1	-8.0
47	0.0	144.1	-8.0	48	0.0	114.1	-22.3	49	0.0	154.1	-8.0
50	0.0	114.1	-24.5	51	0.0	154.1	-19.1	52	0.0	114.1	-20.0
53	0.0	154.1	0.0	54	0.0	124.1	-21.6	55	0.0	34.1	-8.0
56	0.0	164.1	-8.0	57	0.0	114.1	-8.0	58	0.0	114.1	0.0
59	0.0	124.1	-8.0	60	0.0	104.1	-22.9	61	0.0	134.1	-21.8
62	0.0	134.1	-20.2	63	0.0	74.1	-8.0	64	592.5	74.1	0.0
65	0.0	134.1	-8.0	66	0.0	134.1	0.0	67	0.0	54.1	0.0
68	0.0	64.1	-8.0	69	0.0	74.1	-25.0	70	0.0	74.1	-29.9
71	0.0	74.1	-20.0	72	0.0	74.1	0.0	73	0.0	84.1	-8.0
74	0.0	94.1	-23.6	75	0.0	94.1	-27.2	76	0.0	94.1	-20.0
77	0.0	24.1	-28.4	78	0.0	34.1	-27.7	79	0.0	34.1	-35.4
80	0.0	174.1	-8.0	81	0.0	34.1	-20.0	82	0.0	44.1	-27.0
83	592.5	84.1	-8.0	84	0.0	24.1	-8.0	85	0.0	34.1	0.0
86	0.0	44.1	-8.0	87	592.5	94.1	-23.6	89	592.5	94.1	-27.2
90	0.0	184.1	-8.0	91	592.5	94.1	-20.0	92	592.5	24.1	-28.4
94	197.5	184.1	0.0	95	197.5	164.1	0.0	96	197.5	144.1	0.0
97	197.5	124.1	0.0	98	197.5	104.1	0.0	99	197.5	84.1	0.0
100	197.5	64.1	0.0	101	197.5	44.1	0.0	102	197.5	24.1	0.0
103	197.5	134.1	-21.8	104	197.5	134.1	-20.2	105	197.5	74.1	-8.0
106	592.5	124.1	-23.1	107	197.5	134.1	-8.0	108	592.5	84.1	-24.3



109	592.5	24.1	-20.0	110	197.5	64.1	-8.0	111	197.5	74.1	-25.0
112	197.5	74.1	-29.9	113	197.5	74.1	-20.0	114	592.5	44.1	-20.0
115	197.5	84.1	-8.0	116	197.5	94.1	-23.6	117	197.5	94.1	-27.2
118	197.5	94.1	-20.0	119	197.5	24.1	-28.4	120	197.5	34.1	-27.7
121	197.5	34.1	-35.4	122	197.5	174.1	-8.0	123	197.5	34.1	-20.0
124	197.5	44.1	-27.0	126	197.5	24.1	-8.0	127	197.5	12.1	0.0
128	592.5	64.1	-20.0	129	197.5	44.1	-8.0	130	592.5	84.1	-20.0
132	592.5	104.1	-20.0	133	197.5	174.1	0.0	134	197.5	184.1	-8.0
135	592.5	124.1	-20.0	136	197.5	94.1	0.0	137	592.5	34.1	-27.7
138	592.5	184.1	-19.0	139	592.5	12.1	-29.2	140	592.5	12.0	-38.4
141	592.5	12.1	-20.0	143	592.5	12.1	-8.0	144	592.5	12.1	0.0
145	197.5	154.1	0.0	146	592.5	54.1	-26.3	147	197.5	144.1	-8.0
148	197.5	114.1	-22.3	149	197.5	94.1	-8.0	150	197.5	114.1	0.0
151	197.5	154.1	-8.0	152	197.5	114.1	-24.5	153	197.5	154.1	-19.1
154	197.5	104.1	-22.9	155	197.5	114.1	-20.0	156	592.5	84.1	-28.6
157	592.5	34.1	-35.4	158	197.5	134.1	0.0	159	197.5	54.1	0.0
160	592.5	174.1	-8.0	161	592.5	34.1	-20.0	162	592.5	44.1	-27.0
163	592.5	164.1	0.0	164	197.5	74.1	0.0	165	592.5	24.1	-8.0
166	592.5	34.1	0.0	167	592.5	44.1	-8.0	168	592.5	144.1	0.0
170	592.5	124.1	0.0	171	592.5	184.1	-8.0	172	592.5	104.1	0.0
173	592.5	84.1	0.0	174	592.5	64.1	0.0	175	592.5	44.1	0.0
176	592.5	24.1	0.0	177	197.5	34.1	0.0	179	592.5	54.1	-32.7
180	592.5	174.1	-16.4	181	592.5	184.1	-15.0	182	592.5	54.1	-20.0
183	592.5	64.1	-25.6	184	592.5	174.1	0.0	185	592.5	54.1	-8.0
186	592.5	94.1	-8.0	187	592.5	94.1	0.0	188	414.8	184.1	-8.0
189	592.5	104.1	-8.0	190	592.5	144.1	-8.0	192	395.0	184.1	0.0
193	395.0	164.1	0.0	194	395.0	144.1	0.0	195	395.0	124.1	0.0
196	395.0	104.1	0.0	197	395.0	84.1	0.0	198	395.0	64.1	0.0
199	395.0	44.1	0.0	200	395.0	24.1	0.0	202	395.0	184.1	-15.0
203	395.0	144.1	-20.4	204	395.0	164.1	-17.7	205	395.0	44.1	-34.0
206	395.0	24.1	-36.7	207	395.0	64.1	-31.3	208	395.0	84.1	-28.6
209	395.0	104.1	-25.9	210	395.0	124.1	-23.1	211	395.0	84.1	-24.3
212	395.0	24.1	-20.0	213	395.0	44.1	-20.0	215	395.0	64.1	-20.0
216	395.0	84.1	-20.0	217	395.0	104.1	-20.0	218	395.0	124.1	-20.0
219	395.0	184.1	-19.0	220	395.0	12.1	-29.2	221	395.0	12.0	-38.4
222	395.0	12.1	-20.0	224	395.0	12.1	-8.0	225	395.0	12.1	0.0
226	395.0	54.1	-26.3	227	395.0	54.1	-32.7	228	395.0	174.1	-16.4
229	395.0	54.1	-20.0	230	395.0	64.1	-25.6	231	395.0	174.1	0.0
232	395.0	54.1	-8.0	233	395.0	94.1	-8.0	234	395.0	94.1	0.0
235	592.5	114.1	-22.3	236	395.0	104.1	-8.0	237	395.0	144.1	-8.0
238	395.0	114.1	-22.3	239	395.0	154.1	-8.0	240	395.0	114.1	-24.5
241	395.0	154.1	-19.1	242	395.0	114.1	-20.0	243	395.0	154.1	0.0
244	395.0	124.1	-21.6	245	395.0	34.1	-8.0	246	395.0	164.1	-8.0
247	395.0	114.1	-8.0	248	395.0	114.1	0.0	249	395.0	124.1	-8.0
250	395.0	104.1	-22.9	251	395.0	134.1	-21.8	252	395.0	134.1	-20.2
253	395.0	74.1	-8.0	254	592.5	154.1	-8.0	255	395.0	134.1	-8.0
256	395.0	134.1	0.0	257	395.0	54.1	0.0	258	395.0	64.1	-8.0
259	395.0	74.1	-25.0	260	395.0	74.1	-29.9	261	395.0	74.1	-20.0
262	395.0	74.1	0.0	263	395.0	84.1	-8.0	264	395.0	94.1	-23.6
265	395.0	94.1	-27.2	266	395.0	94.1	-20.0	267	395.0	24.1	-28.4
268	395.0	34.1	-27.7	269	395.0	34.1	-35.4	270	395.0	174.1	-8.0
271	395.0	34.1	-20.0	272	395.0	44.1	-27.0	273	592.5	114.1	-24.5
274	395.0	24.1	-8.0	275	395.0	34.1	0.0	276	395.0	44.1	-8.0
277	592.5	154.1	-19.1	279	592.5	114.1	-20.0	280	395.0	184.1	-8.0
281	592.5	154.1	0.0	282	592.5	124.1	-21.6	283	592.5	34.1	-8.0
284	592.5	164.1	-8.0	285	592.5	114.1	-8.0	286	592.5	114.1	0.0
287	592.5	124.1	-8.0	288	592.5	104.1	-22.9	289	592.5	134.1	-21.8
290	592.5	134.1	-20.2	291	592.5	74.1	-8.0	292	424.6	184.1	-8.0
293	592.5	134.1	-8.0	294	592.5	134.1	0.0	295	592.5	54.1	0.0
296	592.5	64.1	-8.0	297	592.5	74.1	-25.0	298	592.5	74.1	-29.9
299	434.5	184.1	-8.0	300	444.4	184.1	-8.0	302	592.5	184.1	0.0
303	592.5	144.1	-20.4	304	592.5	164.1	-17.7	305	592.5	44.1	-34.0
306	592.5	24.1	-36.7	307	197.5	124.1	-21.6	308	197.5	34.1	-8.0
309	592.5	64.1	-31.3	310	197.5	164.1	-8.0	311	197.5	114.1	-8.0
312	592.5	104.1	-25.9	314	197.5	184.1	-15.0	315	197.5	144.1	-20.4
316	197.5	164.1	-17.7	317	197.5	44.1	-34.0	318	197.5	24.1	-36.7
319	197.5	64.1	-31.3	320	197.5	84.1	-28.6	321	197.5	104.1	-25.9
322	197.5	124.1	-23.1	323	197.5	84.1	-24.3	324	197.5	24.1	-20.0
325	197.5	44.1	-20.0	327	197.5	64.1	-20.0	328	197.5	84.1	-20.0
329	197.5	104.1	-20.0	330	197.5	124.1	-20.0	331	197.5	184.1	-19.0
332	197.5	12.1	-29.2	333	197.5	12.0	-38.4	334	197.5	12.1	-20.0
336	197.5	12.1	-8.0	337	197.5	104.1	-8.0	338	197.5	54.1	-26.3
339	197.5	54.1	-32.7	340	197.5	174.1	-16.4	341	197.5	54.1	-20.0
342	197.5	64.1	-25.6	343	197.5	124.1	-8.0	344	197.5	54.1	-8.0
345	9.9	12.1	0.0	347	19.8	12.1	0.0	349	29.6	12.1	0.0
351	39.5	12.1	0.0	353	49.4	12.1	0.0	355	59.3	12.1	0.0
357	69.1	12.1	0.0	359	79.0	12.1	0.0	361	88.9	12.1	0.0



363	98.8	12.1	0.0	365	108.6	12.1	0.0	367	118.5	12.1	0.0
369	128.4	12.1	0.0	371	138.3	12.1	0.0	373	148.1	12.1	0.0
375	158.0	12.1	0.0	377	167.9	12.1	0.0	379	177.8	12.1	0.0
381	187.6	12.1	0.0	383	9.9	24.1	0.0	384	19.8	24.1	0.0
385	29.6	24.1	0.0	386	39.5	24.1	0.0	387	49.4	24.1	0.0
388	59.3	24.1	0.0	389	69.1	24.1	0.0	390	79.0	24.1	0.0
391	88.9	24.1	0.0	392	98.8	24.1	0.0	393	108.6	24.1	0.0
394	118.5	24.1	0.0	395	128.4	24.1	0.0	396	138.3	24.1	0.0
397	148.1	24.1	0.0	398	158.0	24.1	0.0	399	167.9	24.1	0.0
400	177.8	24.1	0.0	401	187.6	24.1	0.0	402	187.6	34.1	0.0
403	177.8	34.1	0.0	404	167.9	34.1	0.0	405	158.0	34.1	0.0
406	148.1	34.1	0.0	407	138.3	34.1	0.0	408	128.4	34.1	0.0
409	118.5	34.1	0.0	410	108.6	34.1	0.0	411	98.8	34.1	0.0
412	88.9	34.1	0.0	413	79.0	34.1	0.0	414	69.1	34.1	0.0
415	59.3	34.1	0.0	416	49.4	34.1	0.0	417	39.5	34.1	0.0
418	29.6	34.1	0.0	419	19.8	34.1	0.0	420	9.9	34.1	0.0
421	187.6	44.1	0.0	422	177.8	44.1	0.0	423	167.9	44.1	0.0
424	158.0	44.1	0.0	425	148.1	44.1	0.0	426	138.3	44.1	0.0
427	128.4	44.1	0.0	428	118.5	44.1	0.0	429	108.6	44.1	0.0
430	98.8	44.1	0.0	431	88.9	44.1	0.0	432	79.0	44.1	0.0
433	69.1	44.1	0.0	434	59.3	44.1	0.0	435	49.4	44.1	0.0
436	39.5	44.1	0.0	437	29.6	44.1	0.0	438	19.8	44.1	0.0
439	9.9	44.1	0.0	440	9.9	54.1	0.0	441	19.8	54.1	0.0
442	29.6	54.1	0.0	443	39.5	54.1	0.0	444	49.4	54.1	0.0
445	59.3	54.1	0.0	446	69.1	54.1	0.0	447	79.0	54.1	0.0
448	88.9	54.1	0.0	449	98.8	54.1	0.0	450	108.6	54.1	0.0
451	118.5	54.1	0.0	452	128.4	54.1	0.0	453	138.3	54.1	0.0
454	148.1	54.1	0.0	455	158.0	54.1	0.0	456	167.9	54.1	0.0
457	177.8	54.1	0.0	458	187.6	54.1	0.0	459	9.9	64.1	0.0
460	19.8	64.1	0.0	461	29.6	64.1	0.0	462	39.5	64.1	0.0
463	49.4	64.1	0.0	464	59.3	64.1	0.0	465	69.1	64.1	0.0
466	79.0	64.1	0.0	467	88.9	64.1	0.0	468	98.8	64.1	0.0
469	108.6	64.1	0.0	470	118.5	64.1	0.0	471	128.4	64.1	0.0
472	138.3	64.1	0.0	473	148.1	64.1	0.0	474	158.0	64.1	0.0
475	167.9	64.1	0.0	476	177.8	64.1	0.0	477	187.6	64.1	0.0
478	9.9	74.1	0.0	479	19.8	74.1	0.0	480	29.6	74.1	0.0
481	39.5	74.1	0.0	482	49.4	74.1	0.0	483	59.3	74.1	0.0
484	69.1	74.1	0.0	485	79.0	74.1	0.0	486	88.9	74.1	0.0
487	98.8	74.1	0.0	488	108.6	74.1	0.0	489	118.5	74.1	0.0
490	128.4	74.1	0.0	491	138.3	74.1	0.0	492	148.1	74.1	0.0
493	158.0	74.1	0.0	494	167.9	74.1	0.0	495	177.8	74.1	0.0
496	187.6	74.1	0.0	497	9.9	84.1	0.0	498	19.8	84.1	0.0
499	29.6	84.1	0.0	500	39.5	84.1	0.0	501	49.4	84.1	0.0
502	59.3	84.1	0.0	503	69.1	84.1	0.0	504	79.0	84.1	0.0
505	88.9	84.1	0.0	506	98.8	84.1	0.0	507	108.6	84.1	0.0
508	118.5	84.1	0.0	509	128.4	84.1	0.0	510	138.3	84.1	0.0
511	148.1	84.1	0.0	512	158.0	84.1	0.0	513	167.9	84.1	0.0
514	177.8	84.1	0.0	515	187.6	84.1	0.0	516	9.9	94.1	0.0
517	19.8	94.1	0.0	518	29.6	94.1	0.0	519	39.5	94.1	0.0
520	49.4	94.1	0.0	521	59.3	94.1	0.0	522	69.1	94.1	0.0
523	79.0	94.1	0.0	524	88.9	94.1	0.0	525	98.8	94.1	0.0
526	108.6	94.1	0.0	527	118.5	94.1	0.0	528	128.4	94.1	0.0
529	138.3	94.1	0.0	530	148.1	94.1	0.0	531	158.0	94.1	0.0
532	167.9	94.1	0.0	533	177.8	94.1	0.0	534	187.6	94.1	0.0
535	9.9	104.1	0.0	536	19.8	104.1	0.0	537	29.6	104.1	0.0
538	39.5	104.1	0.0	539	49.4	104.1	0.0	540	59.3	104.1	0.0
541	69.1	104.1	0.0	542	79.0	104.1	0.0	543	88.9	104.1	0.0
544	98.8	104.1	0.0	545	108.6	104.1	0.0	546	118.5	104.1	0.0
547	128.4	104.1	0.0	548	138.3	104.1	0.0	549	148.1	104.1	0.0
550	158.0	104.1	0.0	551	167.9	104.1	0.0	552	177.8	104.1	0.0
553	187.6	104.1	0.0	554	9.9	114.1	0.0	555	19.8	114.1	0.0
556	29.6	114.1	0.0	557	39.5	114.1	0.0	558	49.4	114.1	0.0
559	59.3	114.1	0.0	560	69.1	114.1	0.0	561	79.0	114.1	0.0
562	88.9	114.1	0.0	563	98.8	114.1	0.0	564	108.6	114.1	0.0
565	118.5	114.1	0.0	566	128.4	114.1	0.0	567	138.3	114.1	0.0
568	148.1	114.1	0.0	569	158.0	114.1	0.0	570	167.9	114.1	0.0
571	177.8	114.1	0.0	572	187.6	114.1	0.0	573	9.9	124.1	0.0
574	19.8	124.1	0.0	575	29.6	124.1	0.0	576	39.5	124.1	0.0
577	49.4	124.1	0.0	578	59.3	124.1	0.0	579	69.1	124.1	0.0
580	79.0	124.1	0.0	581	88.9	124.1	0.0	582	98.8	124.1	0.0
583	108.6	124.1	0.0	584	118.5	124.1	0.0	585	128.4	124.1	0.0
586	138.3	124.1	0.0	587	148.1	124.1	0.0	588	158.0	124.1	0.0
589	167.9	124.1	0.0	590	177.8	124.1	0.0	591	187.6	124.1	0.0
592	9.9	134.1	0.0	593	19.8	134.1	0.0	594	29.6	134.1	0.0
595	39.5	134.1	0.0	596	49.4	134.1	0.0	597	59.3	134.1	0.0
598	69.1	134.1	0.0	599	79.0	134.1	0.0	600	88.9	134.1	0.0
601	98.8	134.1	0.0	602	108.6	134.1	0.0	603	118.5	134.1	0.0



604	128.4	134.1	0.0	605	138.3	134.1	0.0	606	148.1	134.1	0.0
607	158.0	134.1	0.0	608	167.9	134.1	0.0	609	177.8	134.1	0.0
610	187.6	134.1	0.0	611	9.9	144.1	0.0	612	19.8	144.1	0.0
613	29.6	144.1	0.0	614	39.5	144.1	0.0	615	49.4	144.1	0.0
616	59.3	144.1	0.0	617	69.1	144.1	0.0	618	79.0	144.1	0.0
619	88.9	144.1	0.0	620	98.8	144.1	0.0	621	108.6	144.1	0.0
622	118.5	144.1	0.0	623	128.4	144.1	0.0	624	138.3	144.1	0.0
625	148.1	144.1	0.0	626	158.0	144.1	0.0	627	167.9	144.1	0.0
628	177.8	144.1	0.0	629	187.6	144.1	0.0	630	9.9	154.1	0.0
631	19.8	154.1	0.0	632	29.6	154.1	0.0	633	39.5	154.1	0.0
634	49.4	154.1	0.0	635	59.3	154.1	0.0	636	69.1	154.1	0.0
637	79.0	154.1	0.0	638	88.9	154.1	0.0	639	98.8	154.1	0.0
640	108.6	154.1	0.0	641	118.5	154.1	0.0	642	128.4	154.1	0.0
643	138.3	154.1	0.0	644	148.1	154.1	0.0	645	158.0	154.1	0.0
646	167.9	154.1	0.0	647	177.8	154.1	0.0	648	187.6	154.1	0.0
649	9.9	164.1	0.0	650	19.8	164.1	0.0	651	29.6	164.1	0.0
652	39.5	164.1	0.0	653	49.4	164.1	0.0	654	59.3	164.1	0.0
655	69.1	164.1	0.0	656	79.0	164.1	0.0	657	88.9	164.1	0.0
658	98.8	164.1	0.0	659	108.6	164.1	0.0	660	118.5	164.1	0.0
661	128.4	164.1	0.0	662	138.3	164.1	0.0	663	148.1	164.1	0.0
664	158.0	164.1	0.0	665	167.9	164.1	0.0	666	177.8	164.1	0.0
667	187.6	164.1	0.0	668	9.9	174.1	0.0	669	19.8	174.1	0.0
670	29.6	174.1	0.0	671	39.5	174.1	0.0	672	49.4	174.1	0.0
673	59.3	174.1	0.0	674	69.1	174.1	0.0	675	79.0	174.1	0.0
676	88.9	174.1	0.0	677	98.8	174.1	0.0	678	108.6	174.1	0.0
679	118.5	174.1	0.0	680	128.4	174.1	0.0	681	138.3	174.1	0.0
682	148.1	174.1	0.0	683	158.0	174.1	0.0	684	167.9	174.1	0.0
685	177.8	174.1	0.0	686	187.6	174.1	0.0	687	9.9	184.1	0.0
688	19.8	184.1	0.0	689	29.6	184.1	0.0	690	39.5	184.1	0.0
691	49.4	184.1	0.0	692	59.3	184.1	0.0	693	69.1	184.1	0.0
694	79.0	184.1	0.0	695	88.9	184.1	0.0	696	98.8	184.1	0.0
697	108.6	184.1	0.0	698	118.5	184.1	0.0	699	128.4	184.1	0.0
700	138.3	184.1	0.0	701	148.1	184.1	0.0	702	158.0	184.1	0.0
703	167.9	184.1	0.0	704	177.8	184.1	0.0	705	187.6	184.1	0.0
706	9.9	184.1	-8.0	707	19.8	184.1	-8.0	708	29.6	184.1	-8.0
709	39.5	184.1	-8.0	710	49.4	184.1	-8.0	711	59.3	184.1	-8.0
712	69.1	184.1	-8.0	713	79.0	184.1	-8.0	714	88.9	184.1	-8.0
715	98.8	184.1	-8.0	716	108.6	184.1	-8.0	717	118.5	184.1	-8.0
718	128.4	184.1	-8.0	719	138.3	184.1	-8.0	720	148.1	184.1	-8.0
721	158.0	184.1	-8.0	722	167.9	184.1	-8.0	723	177.8	184.1	-8.0
724	187.6	184.1	-8.0	725	9.9	184.1	-15.0	726	19.8	184.1	-15.0
727	29.6	184.1	-15.0	728	39.5	184.1	-15.0	729	49.4	184.1	-15.0
730	59.3	184.1	-15.0	731	69.1	184.1	-15.0	732	79.0	184.1	-15.0
733	88.9	184.1	-15.0	734	98.8	184.1	-15.0	735	108.6	184.1	-15.0
736	118.5	184.1	-15.0	737	128.4	184.1	-15.0	738	138.3	184.1	-15.0
739	148.1	184.1	-15.0	740	158.0	184.1	-15.0	741	167.9	184.1	-15.0
742	177.8	184.1	-15.0	743	187.6	184.1	-15.0	744	187.6	184.1	-19.0
745	177.8	184.1	-19.0	746	167.9	184.1	-19.0	747	158.0	184.1	-19.0
748	148.1	184.1	-19.0	749	138.3	184.1	-19.0	750	128.4	184.1	-19.0
751	118.5	184.1	-19.0	752	108.6	184.1	-19.0	753	98.8	184.1	-19.0
754	88.9	184.1	-19.0	755	79.0	184.1	-19.0	756	69.1	184.1	-19.0
757	59.3	184.1	-19.0	758	49.4	184.1	-19.0	759	39.5	184.1	-19.0
760	29.6	184.1	-19.0	761	19.8	184.1	-19.0	762	9.9	184.1	-19.0
763	187.6	164.1	-8.0	764	177.8	164.1	-8.0	765	167.9	164.1	-8.0
766	158.0	164.1	-8.0	767	148.1	164.1	-8.0	768	138.3	164.1	-8.0
769	128.4	164.1	-8.0	770	118.5	164.1	-8.0	771	108.6	164.1	-8.0
772	98.8	164.1	-8.0	773	88.9	164.1	-8.0	774	79.0	164.1	-8.0
775	69.1	164.1	-8.0	776	59.3	164.1	-8.0	777	49.4	164.1	-8.0
778	39.5	164.1	-8.0	779	29.6	164.1	-8.0	780	19.8	164.1	-8.0
781	9.9	164.1	-8.0	782	187.6	144.1	-8.0	783	177.8	144.1	-8.0
784	167.9	144.1	-8.0	785	158.0	144.1	-8.0	786	148.1	144.1	-8.0
787	138.3	144.1	-8.0	788	128.4	144.1	-8.0	789	118.5	144.1	-8.0
790	108.6	144.1	-8.0	791	98.8	144.1	-8.0	792	88.9	144.1	-8.0
793	79.0	144.1	-8.0	794	69.1	144.1	-8.0	795	59.3	144.1	-8.0
796	49.4	144.1	-8.0	797	39.5	144.1	-8.0	798	29.6	144.1	-8.0
799	19.8	144.1	-8.0	800	9.9	144.1	-8.0	801	187.6	124.1	-8.0
802	177.8	124.1	-8.0	803	167.9	124.1	-8.0	804	158.0	124.1	-8.0
805	148.1	124.1	-8.0	806	138.3	124.1	-8.0	807	128.4	124.1	-8.0
808	118.5	124.1	-8.0	809	108.6	124.1	-8.0	810	98.8	124.1	-8.0
811	88.9	124.1	-8.0	812	79.0	124.1	-8.0	813	69.1	124.1	-8.0
814	59.3	124.1	-8.0	815	49.4	124.1	-8.0	816	39.5	124.1	-8.0
817	29.6	124.1	-8.0	818	19.8	124.1	-8.0	819	9.9	124.1	-8.0
820	187.6	104.1	-8.0	821	177.8	104.1	-8.0	822	167.9	104.1	-8.0
823	158.0	104.1	-8.0	824	148.1	104.1	-8.0	825	138.3	104.1	-8.0
826	128.4	104.1	-8.0	827	118.5	104.1	-8.0	828	108.6	104.1	-8.0
829	98.8	104.1	-8.0	830	88.9	104.1	-8.0	831	79.0	104.1	-8.0
832	69.1	104.1	-8.0	833	59.3	104.1	-8.0	834	49.4	104.1	-8.0



835	39.5	104.1	-8.0	836	29.6	104.1	-8.0	837	19.8	104.1	-8.0
838	9.9	104.1	-8.0	839	187.6	84.1	-8.0	840	177.8	84.1	-8.0
841	167.9	84.1	-8.0	842	158.0	84.1	-8.0	843	148.1	84.1	-8.0
844	138.3	84.1	-8.0	845	128.4	84.1	-8.0	846	118.5	84.1	-8.0
847	108.6	84.1	-8.0	848	98.8	84.1	-8.0	849	88.9	84.1	-8.0
850	79.0	84.1	-8.0	851	69.1	84.1	-8.0	852	59.3	84.1	-8.0
853	49.4	84.1	-8.0	854	39.5	84.1	-8.0	855	29.6	84.1	-8.0
856	19.8	84.1	-8.0	857	9.9	84.1	-8.0	858	187.6	64.1	-8.0
859	177.8	64.1	-8.0	860	167.9	64.1	-8.0	861	158.0	64.1	-8.0
862	148.1	64.1	-8.0	863	138.3	64.1	-8.0	864	128.4	64.1	-8.0
865	118.5	64.1	-8.0	866	108.6	64.1	-8.0	867	98.8	64.1	-8.0
868	88.9	64.1	-8.0	869	79.0	64.1	-8.0	870	69.1	64.1	-8.0
871	59.3	64.1	-8.0	872	49.4	64.1	-8.0	873	39.5	64.1	-8.0
874	29.6	64.1	-8.0	875	19.8	64.1	-8.0	876	9.9	64.1	-8.0
877	187.6	44.1	-8.0	878	177.8	44.1	-8.0	879	167.9	44.1	-8.0
880	158.0	44.1	-8.0	881	148.1	44.1	-8.0	882	138.3	44.1	-8.0
883	128.4	44.1	-8.0	884	118.5	44.1	-8.0	885	108.6	44.1	-8.0
886	98.8	44.1	-8.0	887	88.9	44.1	-8.0	888	79.0	44.1	-8.0
889	69.1	44.1	-8.0	890	59.3	44.1	-8.0	891	49.4	44.1	-8.0
892	39.5	44.1	-8.0	893	29.6	44.1	-8.0	894	19.8	44.1	-8.0
895	9.9	44.1	-8.0	896	187.6	24.1	-8.0	897	177.8	24.1	-8.0
898	167.9	24.1	-8.0	899	158.0	24.1	-8.0	900	148.1	24.1	-8.0
901	138.3	24.1	-8.0	902	128.4	24.1	-8.0	903	118.5	24.1	-8.0
904	108.6	24.1	-8.0	905	98.8	24.1	-8.0	906	88.9	24.1	-8.0
907	79.0	24.1	-8.0	908	69.1	24.1	-8.0	909	59.3	24.1	-8.0
910	49.4	24.1	-8.0	911	39.5	24.1	-8.0	912	29.6	24.1	-8.0
913	19.8	24.1	-8.0	914	9.9	24.1	-8.0	915	454.3	184.1	-8.0
916	464.1	184.1	-8.0	917	474.0	184.1	-8.0	918	483.9	184.1	-8.0
919	493.8	184.1	-8.0	920	503.6	184.1	-8.0	921	513.5	184.1	-8.0
922	523.4	184.1	-8.0	923	533.3	184.1	-8.0	924	543.1	184.1	-8.0
925	553.0	184.1	-8.0	926	562.9	184.1	-8.0	927	572.8	184.1	-8.0
928	582.6	184.1	-8.0	929	404.9	184.1	-15.0	930	414.8	184.1	-15.0
931	424.6	184.1	-15.0	932	434.5	184.1	-15.0	933	444.4	184.1	-15.0
934	454.3	184.1	-15.0	935	464.1	184.1	-15.0	936	474.0	184.1	-15.0
937	483.9	184.1	-15.0	938	493.8	184.1	-15.0	939	503.6	184.1	-15.0
940	513.5	184.1	-15.0	941	523.4	184.1	-15.0	942	533.3	184.1	-15.0
943	543.1	184.1	-15.0	944	553.0	184.1	-15.0	945	562.9	184.1	-15.0
946	572.8	184.1	-15.0	947	582.6	184.1	-15.0	948	582.6	184.1	-19.0
949	572.8	184.1	-19.0	950	562.9	184.1	-19.0	951	553.0	184.1	-19.0
952	543.1	184.1	-19.0	953	533.3	184.1	-19.0	954	523.4	184.1	-19.0
955	513.5	184.1	-19.0	956	503.6	184.1	-19.0	957	493.8	184.1	-19.0
958	483.9	184.1	-19.0	959	474.0	184.1	-19.0	960	464.1	184.1	-19.0
961	454.3	184.1	-19.0	962	444.4	184.1	-19.0	963	434.5	184.1	-19.0
964	424.6	184.1	-19.0	965	414.8	184.1	-19.0	966	404.9	184.1	-19.0
967	582.6	164.1	-8.0	968	572.8	164.1	-8.0	969	562.9	164.1	-8.0
970	553.0	164.1	-8.0	971	543.1	164.1	-8.0	972	533.3	164.1	-8.0
973	523.4	164.1	-8.0	974	513.5	164.1	-8.0	975	503.6	164.1	-8.0
976	493.8	164.1	-8.0	977	483.9	164.1	-8.0	978	474.0	164.1	-8.0
979	464.1	164.1	-8.0	980	454.3	164.1	-8.0	981	444.4	164.1	-8.0
982	434.5	164.1	-8.0	983	424.6	164.1	-8.0	984	414.8	164.1	-8.0
985	404.9	164.1	-8.0	986	582.6	144.1	-8.0	987	572.8	144.1	-8.0
988	562.9	144.1	-8.0	989	553.0	144.1	-8.0	990	543.1	144.1	-8.0
991	533.3	144.1	-8.0	992	523.4	144.1	-8.0	993	513.5	144.1	-8.0
994	503.6	144.1	-8.0	995	493.8	144.1	-8.0	996	483.9	144.1	-8.0
997	474.0	144.1	-8.0	998	464.1	144.1	-8.0	999	454.3	144.1	-8.0
1000	444.4	144.1	-8.0	1001	434.5	144.1	-8.0	1002	424.6	144.1	-8.0
1003	414.8	144.1	-8.0	1004	404.9	144.1	-8.0	1005	582.6	124.1	-8.0
1006	572.8	124.1	-8.0	1007	562.9	124.1	-8.0	1008	553.0	124.1	-8.0
1009	543.1	124.1	-8.0	1010	533.3	124.1	-8.0	1011	523.4	124.1	-8.0
1012	513.5	124.1	-8.0	1013	503.6	124.1	-8.0	1014	493.8	124.1	-8.0
1015	483.9	124.1	-8.0	1016	474.0	124.1	-8.0	1017	207.4	12.1	0.0
1019	217.3	12.1	0.0	1021	227.1	12.1	0.0	1023	237.0	12.1	0.0
1025	246.9	12.1	0.0	1027	256.8	12.1	0.0	1029	266.6	12.1	0.0
1031	276.5	12.1	0.0	1033	286.4	12.1	0.0	1035	296.3	12.1	0.0
1037	306.1	12.1	0.0	1039	316.0	12.1	0.0	1041	325.9	12.1	0.0
1043	335.8	12.1	0.0	1045	345.6	12.1	0.0	1047	355.5	12.1	0.0
1049	365.4	12.1	0.0	1051	375.3	12.1	0.0	1053	385.1	12.1	0.0
1055	207.4	24.1	0.0	1056	217.3	24.1	0.0	1057	227.1	24.1	0.0
1058	237.0	24.1	0.0	1059	246.9	24.1	0.0	1060	256.8	24.1	0.0
1061	266.6	24.1	0.0	1062	276.5	24.1	0.0	1063	286.4	24.1	0.0
1064	296.3	24.1	0.0	1065	306.1	24.1	0.0	1066	316.0	24.1	0.0
1067	325.9	24.1	0.0	1068	335.8	24.1	0.0	1069	345.6	24.1	0.0
1070	355.5	24.1	0.0	1071	365.4	24.1	0.0	1072	375.3	24.1	0.0
1073	385.1	24.1	0.0	1074	385.1	34.1	0.0	1075	375.3	34.1	0.0
1076	365.4	34.1	0.0	1077	355.5	34.1	0.0	1078	345.6	34.1	0.0
1079	335.8	34.1	0.0	1080	325.9	34.1	0.0	1081	316.0	34.1	0.0
1082	306.1	34.1	0.0	1083	296.3	34.1	0.0	1084	286.4	34.1	0.0



1085	276.5	34.1	0.0	1086	266.6	34.1	0.0	1087	256.8	34.1	0.0
1088	246.9	34.1	0.0	1089	237.0	34.1	0.0	1090	227.1	34.1	0.0
1091	217.3	34.1	0.0	1092	207.4	34.1	0.0	1093	385.1	44.1	0.0
1094	375.3	44.1	0.0	1095	365.4	44.1	0.0	1096	355.5	44.1	0.0
1097	345.6	44.1	0.0	1098	335.8	44.1	0.0	1099	325.9	44.1	0.0
1100	316.0	44.1	0.0	1101	306.1	44.1	0.0	1102	296.3	44.1	0.0
1103	286.4	44.1	0.0	1104	276.5	44.1	0.0	1105	266.6	44.1	0.0
1106	256.8	44.1	0.0	1107	246.9	44.1	0.0	1108	237.0	44.1	0.0
1109	227.1	44.1	0.0	1110	217.3	44.1	0.0	1111	207.4	44.1	0.0
1112	207.4	54.1	0.0	1113	217.3	54.1	0.0	1114	227.1	54.1	0.0
1115	237.0	54.1	0.0	1116	246.9	54.1	0.0	1117	256.8	54.1	0.0
1118	266.6	54.1	0.0	1119	276.5	54.1	0.0	1120	286.4	54.1	0.0
1121	296.3	54.1	0.0	1122	306.1	54.1	0.0	1123	316.0	54.1	0.0
1124	325.9	54.1	0.0	1125	335.8	54.1	0.0	1126	345.6	54.1	0.0
1127	355.5	54.1	0.0	1128	365.4	54.1	0.0	1129	375.3	54.1	0.0
1130	385.1	54.1	0.0	1131	207.4	64.1	0.0	1132	217.3	64.1	0.0
1133	227.1	64.1	0.0	1134	237.0	64.1	0.0	1135	246.9	64.1	0.0
1136	256.8	64.1	0.0	1137	266.6	64.1	0.0	1138	276.5	64.1	0.0
1139	286.4	64.1	0.0	1140	296.3	64.1	0.0	1141	306.1	64.1	0.0
1142	316.0	64.1	0.0	1143	325.9	64.1	0.0	1144	335.8	64.1	0.0
1145	345.6	64.1	0.0	1146	355.5	64.1	0.0	1147	365.4	64.1	0.0
1148	375.3	64.1	0.0	1149	385.1	64.1	0.0	1150	207.4	74.1	0.0
1151	217.3	74.1	0.0	1152	227.1	74.1	0.0	1153	237.0	74.1	0.0
1154	246.9	74.1	0.0	1155	256.8	74.1	0.0	1156	266.6	74.1	0.0
1157	276.5	74.1	0.0	1158	286.4	74.1	0.0	1159	296.3	74.1	0.0
1160	306.1	74.1	0.0	1161	316.0	74.1	0.0	1162	325.9	74.1	0.0
1163	335.8	74.1	0.0	1164	345.6	74.1	0.0	1165	355.5	74.1	0.0
1166	365.4	74.1	0.0	1167	375.3	74.1	0.0	1168	385.1	74.1	0.0
1169	207.4	84.1	0.0	1170	217.3	84.1	0.0	1171	227.1	84.1	0.0
1172	237.0	84.1	0.0	1173	246.9	84.1	0.0	1174	256.8	84.1	0.0
1175	266.6	84.1	0.0	1176	276.5	84.1	0.0	1177	286.4	84.1	0.0
1178	296.3	84.1	0.0	1179	306.1	84.1	0.0	1180	316.0	84.1	0.0
1181	325.9	84.1	0.0	1182	335.8	84.1	0.0	1183	345.6	84.1	0.0
1184	355.5	84.1	0.0	1185	365.4	84.1	0.0	1186	375.3	84.1	0.0
1187	385.1	84.1	0.0	1188	207.4	94.1	0.0	1189	217.3	94.1	0.0
1190	227.1	94.1	0.0	1191	237.0	94.1	0.0	1192	246.9	94.1	0.0
1193	256.8	94.1	0.0	1194	266.6	94.1	0.0	1195	276.5	94.1	0.0
1196	286.4	94.1	0.0	1197	296.3	94.1	0.0	1198	306.1	94.1	0.0
1199	316.0	94.1	0.0	1200	325.9	94.1	0.0	1201	335.8	94.1	0.0
1202	345.6	94.1	0.0	1203	355.5	94.1	0.0	1204	365.4	94.1	0.0
1205	375.3	94.1	0.0	1206	385.1	94.1	0.0	1207	207.4	104.1	0.0
1208	217.3	104.1	0.0	1209	227.1	104.1	0.0	1210	237.0	104.1	0.0
1211	246.9	104.1	0.0	1212	256.8	104.1	0.0	1213	266.6	104.1	0.0
1214	276.5	104.1	0.0	1215	286.4	104.1	0.0	1216	296.3	104.1	0.0
1217	306.1	104.1	0.0	1218	316.0	104.1	0.0	1219	325.9	104.1	0.0
1220	335.8	104.1	0.0	1221	345.6	104.1	0.0	1222	355.5	104.1	0.0
1223	365.4	104.1	0.0	1224	375.3	104.1	0.0	1225	385.1	104.1	0.0
1226	207.4	114.1	0.0	1227	217.3	114.1	0.0	1228	227.1	114.1	0.0
1229	237.0	114.1	0.0	1230	246.9	114.1	0.0	1231	256.8	114.1	0.0
1232	266.6	114.1	0.0	1233	276.5	114.1	0.0	1234	286.4	114.1	0.0
1235	296.3	114.1	0.0	1236	306.1	114.1	0.0	1237	316.0	114.1	0.0
1238	325.9	114.1	0.0	1239	335.8	114.1	0.0	1240	345.6	114.1	0.0
1241	355.5	114.1	0.0	1242	365.4	114.1	0.0	1243	375.3	114.1	0.0
1244	385.1	114.1	0.0	1245	207.4	124.1	0.0	1246	217.3	124.1	0.0
1247	227.1	124.1	0.0	1248	237.0	124.1	0.0	1249	246.9	124.1	0.0
1250	256.8	124.1	0.0	1251	266.6	124.1	0.0	1252	276.5	124.1	0.0
1253	286.4	124.1	0.0	1254	296.3	124.1	0.0	1255	306.1	124.1	0.0
1256	316.0	124.1	0.0	1257	325.9	124.1	0.0	1258	335.8	124.1	0.0
1259	345.6	124.1	0.0	1260	355.5	124.1	0.0	1261	365.4	124.1	0.0
1262	375.3	124.1	0.0	1263	385.1	124.1	0.0	1264	207.4	134.1	0.0
1265	217.3	134.1	0.0	1266	227.1	134.1	0.0	1267	237.0	134.1	0.0
1268	246.9	134.1	0.0	1269	256.8	134.1	0.0	1270	266.6	134.1	0.0
1271	276.5	134.1	0.0	1272	286.4	134.1	0.0	1273	296.3	134.1	0.0
1274	306.1	134.1	0.0	1275	316.0	134.1	0.0	1276	325.9	134.1	0.0
1277	335.8	134.1	0.0	1278	345.6	134.1	0.0	1279	355.5	134.1	0.0
1280	365.4	134.1	0.0	1281	375.3	134.1	0.0	1282	385.1	134.1	0.0
1283	207.4	144.1	0.0	1284	217.3	144.1	0.0	1285	227.1	144.1	0.0
1286	237.0	144.1	0.0	1287	246.9	144.1	0.0	1288	256.8	144.1	0.0
1289	266.6	144.1	0.0	1290	276.5	144.1	0.0	1291	286.4	144.1	0.0
1292	296.3	144.1	0.0	1293	306.1	144.1	0.0	1294	316.0	144.1	0.0
1295	325.9	144.1	0.0	1296	335.8	144.1	0.0	1297	345.6	144.1	0.0
1298	355.5	144.1	0.0	1299	365.4	144.1	0.0	1300	375.3	144.1	0.0
1301	385.1	144.1	0.0	1302	207.4	154.1	0.0	1303	217.3	154.1	0.0
1304	227.1	154.1	0.0	1305	237.0	154.1	0.0	1306	246.9	154.1	0.0
1307	256.8	154.1	0.0	1308	266.6	154.1	0.0	1309	276.5	154.1	0.0
1310	286.4	154.1	0.0	1311	296.3	154.1	0.0	1312	306.1	154.1	0.0
1313	316.0	154.1	0.0	1314	325.9	154.1	0.0	1315	335.8	154.1	0.0



1316	345.6	154.1	0.0	1317	355.5	154.1	0.0	1318	365.4	154.1	0.0
1319	375.3	154.1	0.0	1320	385.1	154.1	0.0	1321	207.4	164.1	0.0
1322	217.3	164.1	0.0	1323	227.1	164.1	0.0	1324	237.0	164.1	0.0
1325	246.9	164.1	0.0	1326	256.8	164.1	0.0	1327	266.6	164.1	0.0
1328	276.5	164.1	0.0	1329	286.4	164.1	0.0	1330	296.3	164.1	0.0
1331	306.1	164.1	0.0	1332	316.0	164.1	0.0	1333	325.9	164.1	0.0
1334	335.8	164.1	0.0	1335	345.6	164.1	0.0	1336	355.5	164.1	0.0
1337	365.4	164.1	0.0	1338	375.3	164.1	0.0	1339	385.1	164.1	0.0
1340	207.4	174.1	0.0	1341	217.3	174.1	0.0	1342	227.1	174.1	0.0
1343	237.0	174.1	0.0	1344	246.9	174.1	0.0	1345	256.8	174.1	0.0
1346	266.6	174.1	0.0	1347	276.5	174.1	0.0	1348	286.4	174.1	0.0
1349	296.3	174.1	0.0	1350	306.1	174.1	0.0	1351	316.0	174.1	0.0
1352	325.9	174.1	0.0	1353	335.8	174.1	0.0	1354	345.6	174.1	0.0
1355	355.5	174.1	0.0	1356	365.4	174.1	0.0	1357	375.3	174.1	0.0
1358	385.1	174.1	0.0	1359	207.4	184.1	0.0	1360	217.3	184.1	0.0
1361	227.1	184.1	0.0	1362	237.0	184.1	0.0	1363	246.9	184.1	0.0
1364	256.8	184.1	0.0	1365	266.6	184.1	0.0	1366	276.5	184.1	0.0
1367	286.4	184.1	0.0	1368	296.3	184.1	0.0	1369	306.1	184.1	0.0
1370	316.0	184.1	0.0	1371	325.9	184.1	0.0	1372	335.8	184.1	0.0
1373	345.6	184.1	0.0	1374	355.5	184.1	0.0	1375	365.4	184.1	0.0
1376	375.3	184.1	0.0	1377	385.1	184.1	0.0	1378	207.4	184.1	-8.0
1379	217.3	184.1	-8.0	1380	227.1	184.1	-8.0	1381	237.0	184.1	-8.0
1382	246.9	184.1	-8.0	1383	256.8	184.1	-8.0	1384	266.6	184.1	-8.0
1385	276.5	184.1	-8.0	1386	286.4	184.1	-8.0	1387	296.3	184.1	-8.0
1388	306.1	184.1	-8.0	1389	316.0	184.1	-8.0	1390	325.9	184.1	-8.0
1391	335.8	184.1	-8.0	1392	345.6	184.1	-8.0	1393	355.5	184.1	-8.0
1394	365.4	184.1	-8.0	1395	375.3	184.1	-8.0	1396	385.1	184.1	-8.0
1397	207.4	184.1	-15.0	1398	217.3	184.1	-15.0	1399	227.1	184.1	-15.0
1400	237.0	184.1	-15.0	1401	246.9	184.1	-15.0	1402	256.8	184.1	-15.0
1403	266.6	184.1	-15.0	1404	276.5	184.1	-15.0	1405	286.4	184.1	-15.0
1406	296.3	184.1	-15.0	1407	306.1	184.1	-15.0	1408	316.0	184.1	-15.0
1409	325.9	184.1	-15.0	1410	335.8	184.1	-15.0	1411	345.6	184.1	-15.0
1412	355.5	184.1	-15.0	1413	365.4	184.1	-15.0	1414	375.3	184.1	-15.0
1415	385.1	184.1	-15.0	1416	385.1	184.1	-19.0	1417	375.3	184.1	-19.0
1418	365.4	184.1	-19.0	1419	355.5	184.1	-19.0	1420	345.6	184.1	-19.0
1421	335.8	184.1	-19.0	1422	325.9	184.1	-19.0	1423	316.0	184.1	-19.0
1424	306.1	184.1	-19.0	1425	296.3	184.1	-19.0	1426	286.4	184.1	-19.0
1427	276.5	184.1	-19.0	1428	266.6	184.1	-19.0	1429	256.8	184.1	-19.0
1430	246.9	184.1	-19.0	1431	237.0	184.1	-19.0	1432	227.1	184.1	-19.0
1433	217.3	184.1	-19.0	1434	207.4	184.1	-19.0	1435	385.1	164.1	-8.0
1436	375.3	164.1	-8.0	1437	365.4	164.1	-8.0	1438	355.5	164.1	-8.0
1439	345.6	164.1	-8.0	1440	335.8	164.1	-8.0	1441	325.9	164.1	-8.0
1442	316.0	164.1	-8.0	1443	306.1	164.1	-8.0	1444	296.3	164.1	-8.0
1445	286.4	164.1	-8.0	1446	276.5	164.1	-8.0	1447	266.6	164.1	-8.0
1448	256.8	164.1	-8.0	1449	246.9	164.1	-8.0	1450	237.0	164.1	-8.0
1451	227.1	164.1	-8.0	1452	217.3	164.1	-8.0	1453	207.4	164.1	-8.0
1454	385.1	144.1	-8.0	1455	375.3	144.1	-8.0	1456	365.4	144.1	-8.0
1457	355.5	144.1	-8.0	1458	345.6	144.1	-8.0	1459	335.8	144.1	-8.0
1460	325.9	144.1	-8.0	1461	316.0	144.1	-8.0	1462	306.1	144.1	-8.0
1463	296.3	144.1	-8.0	1464	286.4	144.1	-8.0	1465	276.5	144.1	-8.0
1466	266.6	144.1	-8.0	1467	256.8	144.1	-8.0	1468	246.9	144.1	-8.0
1469	237.0	144.1	-8.0	1470	227.1	144.1	-8.0	1471	217.3	144.1	-8.0
1472	207.4	144.1	-8.0	1473	385.1	124.1	-8.0	1474	375.3	124.1	-8.0
1475	365.4	124.1	-8.0	1476	355.5	124.1	-8.0	1477	345.6	124.1	-8.0
1478	335.8	124.1	-8.0	1479	325.9	124.1	-8.0	1480	316.0	124.1	-8.0
1481	306.1	124.1	-8.0	1482	296.3	124.1	-8.0	1483	286.4	124.1	-8.0
1484	276.5	124.1	-8.0	1485	266.6	124.1	-8.0	1486	256.8	124.1	-8.0
1487	246.9	124.1	-8.0	1488	237.0	124.1	-8.0	1489	227.1	124.1	-8.0
1490	217.3	124.1	-8.0	1491	207.4	124.1	-8.0	1492	385.1	104.1	-8.0
1493	375.3	104.1	-8.0	1494	365.4	104.1	-8.0	1495	355.5	104.1	-8.0
1496	345.6	104.1	-8.0	1497	335.8	104.1	-8.0	1498	325.9	104.1	-8.0
1499	316.0	104.1	-8.0	1500	306.1	104.1	-8.0	1501	296.3	104.1	-8.0
1502	286.4	104.1	-8.0	1503	276.5	104.1	-8.0	1504	266.6	104.1	-8.0
1505	256.8	104.1	-8.0	1506	246.9	104.1	-8.0	1507	237.0	104.1	-8.0
1508	227.1	104.1	-8.0	1509	217.3	104.1	-8.0	1510	207.4	104.1	-8.0
1511	385.1	84.1	-8.0	1512	375.3	84.1	-8.0	1513	365.4	84.1	-8.0
1514	355.5	84.1	-8.0	1515	345.6	84.1	-8.0	1516	335.8	84.1	-8.0
1517	325.9	84.1	-8.0	1518	316.0	84.1	-8.0	1519	306.1	84.1	-8.0
1520	296.3	84.1	-8.0	1521	286.4	84.1	-8.0	1522	276.5	84.1	-8.0
1523	266.6	84.1	-8.0	1524	256.8	84.1	-8.0	1525	246.9	84.1	-8.0
1526	237.0	84.1	-8.0	1527	227.1	84.1	-8.0	1528	217.3	84.1	-8.0
1529	207.4	84.1	-8.0	1530	385.1	64.1	-8.0	1531	375.3	64.1	-8.0
1532	365.4	64.1	-8.0	1533	355.5	64.1	-8.0	1534	345.6	64.1	-8.0
1535	335.8	64.1	-8.0	1536	325.9	64.1	-8.0	1537	316.0	64.1	-8.0
1538	306.1	64.1	-8.0	1539	296.3	64.1	-8.0	1540	286.4	64.1	-8.0
1541	276.5	64.1	-8.0	1542	266.6	64.1	-8.0	1543	256.8	64.1	-8.0
1544	246.9	64.1	-8.0	1545	237.0	64.1	-8.0	1546	227.1	64.1	-8.0



1547	217.3	64.1	-8.0	1548	207.4	64.1	-8.0	1549	385.1	44.1	-8.0
1550	375.3	44.1	-8.0	1551	365.4	44.1	-8.0	1552	355.5	44.1	-8.0
1553	345.6	44.1	-8.0	1554	335.8	44.1	-8.0	1555	325.9	44.1	-8.0
1556	316.0	44.1	-8.0	1557	306.1	44.1	-8.0	1558	296.3	44.1	-8.0
1559	286.4	44.1	-8.0	1560	276.5	44.1	-8.0	1561	266.6	44.1	-8.0
1562	256.8	44.1	-8.0	1563	246.9	44.1	-8.0	1564	237.0	44.1	-8.0
1565	227.1	44.1	-8.0	1566	217.3	44.1	-8.0	1567	207.4	44.1	-8.0
1568	385.1	24.1	-8.0	1569	375.3	24.1	-8.0	1570	365.4	24.1	-8.0
1571	355.5	24.1	-8.0	1572	345.6	24.1	-8.0	1573	335.8	24.1	-8.0
1574	325.9	24.1	-8.0	1575	316.0	24.1	-8.0	1576	306.1	24.1	-8.0
1577	296.3	24.1	-8.0	1578	286.4	24.1	-8.0	1579	276.5	24.1	-8.0
1580	266.6	24.1	-8.0	1581	256.8	24.1	-8.0	1582	246.9	24.1	-8.0
1583	237.0	24.1	-8.0	1584	227.1	24.1	-8.0	1585	217.3	24.1	-8.0
1586	207.4	24.1	-8.0	1587	464.1	124.1	-8.0	1588	454.3	124.1	-8.0
1589	444.4	124.1	-8.0	1590	434.5	124.1	-8.0	1591	424.6	124.1	-8.0
1592	414.8	124.1	-8.0	1593	404.9	124.1	-8.0	1594	582.6	104.1	-8.0
1595	572.8	104.1	-8.0	1596	562.9	104.1	-8.0	1597	553.0	104.1	-8.0
1598	543.1	104.1	-8.0	1599	533.3	104.1	-8.0	1600	523.4	104.1	-8.0
1601	513.5	104.1	-8.0	1602	503.6	104.1	-8.0	1603	493.8	104.1	-8.0
1604	483.9	104.1	-8.0	1605	474.0	104.1	-8.0	1606	464.1	104.1	-8.0
1607	454.3	104.1	-8.0	1608	444.4	104.1	-8.0	1609	434.5	104.1	-8.0
1610	424.6	104.1	-8.0	1611	414.8	104.1	-8.0	1612	404.9	104.1	-8.0
1613	582.6	84.1	-8.0	1614	572.8	84.1	-8.0	1615	562.9	84.1	-8.0
1616	553.0	84.1	-8.0	1617	543.1	84.1	-8.0	1618	533.3	84.1	-8.0
1619	523.4	84.1	-8.0	1620	513.5	84.1	-8.0	1621	503.6	84.1	-8.0
1622	493.8	84.1	-8.0	1623	483.9	84.1	-8.0	1624	474.0	84.1	-8.0
1625	464.1	84.1	-8.0	1626	454.3	84.1	-8.0	1627	444.4	84.1	-8.0
1628	434.5	84.1	-8.0	1629	424.6	84.1	-8.0	1630	414.8	84.1	-8.0
1631	404.9	84.1	-8.0	1632	582.6	64.1	-8.0	1633	572.8	64.1	-8.0
1634	562.9	64.1	-8.0	1635	553.0	64.1	-8.0	1636	543.1	64.1	-8.0
1637	533.3	64.1	-8.0	1638	523.4	64.1	-8.0	1639	513.5	64.1	-8.0
1640	503.6	64.1	-8.0	1641	493.8	64.1	-8.0	1642	483.9	64.1	-8.0
1643	474.0	64.1	-8.0	1644	464.1	64.1	-8.0	1645	454.3	64.1	-8.0
1646	444.4	64.1	-8.0	1647	434.5	64.1	-8.0	1648	424.6	64.1	-8.0
1649	414.8	64.1	-8.0	1650	404.9	64.1	-8.0	1651	582.6	44.1	-8.0
1652	572.8	44.1	-8.0	1653	562.9	44.1	-8.0	1654	553.0	44.1	-8.0
1655	543.1	44.1	-8.0	1656	533.3	44.1	-8.0	1657	523.4	44.1	-8.0
1658	513.5	44.1	-8.0	1659	503.6	44.1	-8.0	1660	493.8	44.1	-8.0
1661	483.9	44.1	-8.0	1662	474.0	44.1	-8.0	1663	464.1	44.1	-8.0
1664	454.3	44.1	-8.0	1665	444.4	44.1	-8.0	1666	434.5	44.1	-8.0
1667	424.6	44.1	-8.0	1668	414.8	44.1	-8.0	1669	404.9	44.1	-8.0
1670	582.6	24.1	-8.0	1671	572.8	24.1	-8.0	1672	562.9	24.1	-8.0
1673	553.0	24.1	-8.0	1674	543.1	24.1	-8.0	1675	533.3	24.1	-8.0
1676	523.4	24.1	-8.0	1677	513.5	24.1	-8.0	1678	503.6	24.1	-8.0
1679	493.8	24.1	-8.0	1680	483.9	24.1	-8.0	1681	474.0	24.1	-8.0
1682	464.1	24.1	-8.0	1683	454.3	24.1	-8.0	1684	444.4	24.1	-8.0
1685	434.5	24.1	-8.0	1686	424.6	24.1	-8.0	1687	414.8	24.1	-8.0
1688	404.9	24.1	-8.0	1689	404.9	12.1	0.0	1691	414.8	12.1	0.0
1693	424.6	12.1	0.0	1695	434.5	12.1	0.0	1697	444.4	12.1	0.0
1699	454.3	12.1	0.0	1701	464.1	12.1	0.0	1703	474.0	12.1	0.0
1705	483.9	12.1	0.0	1707	493.8	12.1	0.0	1709	503.6	12.1	0.0
1711	513.5	12.1	0.0	1713	523.4	12.1	0.0	1715	533.3	12.1	0.0
1717	543.1	12.1	0.0	1719	553.0	12.1	0.0	1721	562.9	12.1	0.0
1723	572.8	12.1	0.0	1725	582.6	12.1	0.0	1727	404.9	24.1	0.0
1728	414.8	24.1	0.0	1729	424.6	24.1	0.0	1730	434.5	24.1	0.0
1731	444.4	24.1	0.0	1732	454.3	24.1	0.0	1733	464.1	24.1	0.0
1734	474.0	24.1	0.0	1735	483.9	24.1	0.0	1736	493.8	24.1	0.0
1737	503.6	24.1	0.0	1738	513.5	24.1	0.0	1739	523.4	24.1	0.0
1740	533.3	24.1	0.0	1741	543.1	24.1	0.0	1742	553.0	24.1	0.0
1743	562.9	24.1	0.0	1744	572.8	24.1	0.0	1745	582.6	24.1	0.0
1746	582.6	34.1	0.0	1747	572.8	34.1	0.0	1748	562.9	34.1	0.0
1749	553.0	34.1	0.0	1750	543.1	34.1	0.0	1751	533.3	34.1	0.0
1752	523.4	34.1	0.0	1753	513.5	34.1	0.0	1754	503.6	34.1	0.0
1755	493.8	34.1	0.0	1756	483.9	34.1	0.0	1757	474.0	34.1	0.0
1758	464.1	34.1	0.0	1759	454.3	34.1	0.0	1760	444.4	34.1	0.0
1761	434.5	34.1	0.0	1762	424.6	34.1	0.0	1763	414.8	34.1	0.0
1764	404.9	34.1	0.0	1765	582.6	44.1	0.0	1766	572.8	44.1	0.0
1767	562.9	44.1	0.0	1768	553.0	44.1	0.0	1769	543.1	44.1	0.0
1770	533.3	44.1	0.0	1771	523.4	44.1	0.0	1772	513.5	44.1	0.0
1773	503.6	44.1	0.0	1774	493.8	44.1	0.0	1775	483.9	44.1	0.0
1776	474.0	44.1	0.0	1777	464.1	44.1	0.0	1778	454.3	44.1	0.0
1779	444.4	44.1	0.0	1780	434.5	44.1	0.0	1781	424.6	44.1	0.0
1782	414.8	44.1	0.0	1783	404.9	44.1	0.0	1784	404.9	54.1	0.0
1785	414.8	54.1	0.0	1786	424.6	54.1	0.0	1787	434.5	54.1	0.0
1788	444.4	54.1	0.0	1789	454.3	54.1	0.0	1790	464.1	54.1	0.0
1791	474.0	54.1	0.0	1792	483.9	54.1	0.0	1793	493.8	54.1	0.0
1794	503.6	54.1	0.0	1795	513.5	54.1	0.0	1796	523.4	54.1	0.0



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1797	533.3	54.1	0.0	1798	543.1	54.1	0.0	1799	553.0	54.1	0.0
1800	562.9	54.1	0.0	1801	572.8	54.1	0.0	1802	582.6	54.1	0.0
1803	404.9	64.1	0.0	1804	414.8	64.1	0.0	1805	424.6	64.1	0.0
1806	434.5	64.1	0.0	1807	444.4	64.1	0.0	1808	454.3	64.1	0.0
1809	464.1	64.1	0.0	1810	474.0	64.1	0.0	1811	483.9	64.1	0.0
1812	493.8	64.1	0.0	1813	503.6	64.1	0.0	1814	513.5	64.1	0.0
1815	523.4	64.1	0.0	1816	533.3	64.1	0.0	1817	543.1	64.1	0.0
1818	553.0	64.1	0.0	1819	562.9	64.1	0.0	1820	572.8	64.1	0.0
1821	582.6	64.1	0.0	1822	404.9	74.1	0.0	1823	414.8	74.1	0.0
1824	424.6	74.1	0.0	1825	434.5	74.1	0.0	1826	444.4	74.1	0.0
1827	454.3	74.1	0.0	1828	464.1	74.1	0.0	1829	474.0	74.1	0.0
1830	483.9	74.1	0.0	1831	493.8	74.1	0.0	1832	503.6	74.1	0.0
1833	513.5	74.1	0.0	1834	523.4	74.1	0.0	1835	533.3	74.1	0.0
1836	543.1	74.1	0.0	1837	553.0	74.1	0.0	1838	562.9	74.1	0.0
1839	572.8	74.1	0.0	1840	582.6	74.1	0.0	1841	404.9	84.1	0.0
1842	414.8	84.1	0.0	1843	424.6	84.1	0.0	1844	434.5	84.1	0.0
1845	444.4	84.1	0.0	1846	454.3	84.1	0.0	1847	464.1	84.1	0.0
1848	474.0	84.1	0.0	1849	483.9	84.1	0.0	1850	493.8	84.1	0.0
1851	503.6	84.1	0.0	1852	513.5	84.1	0.0	1853	523.4	84.1	0.0
1854	533.3	84.1	0.0	1855	543.1	84.1	0.0	1856	553.0	84.1	0.0
1857	562.9	84.1	0.0	1858	572.8	84.1	0.0	1859	582.6	84.1	0.0
1860	404.9	94.1	0.0	1861	414.8	94.1	0.0	1862	424.6	94.1	0.0
1863	434.5	94.1	0.0	1864	444.4	94.1	0.0	1865	454.3	94.1	0.0
1866	464.1	94.1	0.0	1867	474.0	94.1	0.0	1868	483.9	94.1	0.0
1869	493.8	94.1	0.0	1870	503.6	94.1	0.0	1871	513.5	94.1	0.0
1872	523.4	94.1	0.0	1873	533.3	94.1	0.0	1874	543.1	94.1	0.0
1875	553.0	94.1	0.0	1876	562.9	94.1	0.0	1877	572.8	94.1	0.0
1878	582.6	94.1	0.0	1879	404.9	104.1	0.0	1880	414.8	104.1	0.0
1881	424.6	104.1	0.0	1882	434.5	104.1	0.0	1883	444.4	104.1	0.0
1884	454.3	104.1	0.0	1885	464.1	104.1	0.0	1886	474.0	104.1	0.0
1887	483.9	104.1	0.0	1888	493.8	104.1	0.0	1889	503.6	104.1	0.0
1890	513.5	104.1	0.0	1891	523.4	104.1	0.0	1892	533.3	104.1	0.0
1893	543.1	104.1	0.0	1894	553.0	104.1	0.0	1895	562.9	104.1	0.0
1896	572.8	104.1	0.0	1897	582.6	104.1	0.0	1898	404.9	114.1	0.0
1899	414.8	114.1	0.0	1900	424.6	114.1	0.0	1901	434.5	114.1	0.0
1902	444.4	114.1	0.0	1903	454.3	114.1	0.0	1904	464.1	114.1	0.0
1905	474.0	114.1	0.0	1906	483.9	114.1	0.0	1907	493.8	114.1	0.0
1908	503.6	114.1	0.0	1909	513.5	114.1	0.0	1910	523.4	114.1	0.0
1911	533.3	114.1	0.0	1912	543.1	114.1	0.0	1913	553.0	114.1	0.0
1914	562.9	114.1	0.0	1915	572.8	114.1	0.0	1916	582.6	114.1	0.0
1917	404.9	124.1	0.0	1918	414.8	124.1	0.0	1919	424.6	124.1	0.0
1920	434.5	124.1	0.0	1921	444.4	124.1	0.0	1922	454.3	124.1	0.0
1923	464.1	124.1	0.0	1924	474.0	124.1	0.0	1925	483.9	124.1	0.0
1926	493.8	124.1	0.0	1927	503.6	124.1	0.0	1928	513.5	124.1	0.0
1929	523.4	124.1	0.0	1930	533.3	124.1	0.0	1931	543.1	124.1	0.0
1932	553.0	124.1	0.0	1933	562.9	124.1	0.0	1934	572.8	124.1	0.0
1935	582.6	124.1	0.0	1936	404.9	134.1	0.0	1937	414.8	134.1	0.0
1938	424.6	134.1	0.0	1939	434.5	134.1	0.0	1940	444.4	134.1	0.0
1941	454.3	134.1	0.0	1942	464.1	134.1	0.0	1943	474.0	134.1	0.0
1944	483.9	134.1	0.0	1945	493.8	134.1	0.0	1946	503.6	134.1	0.0
1947	513.5	134.1	0.0	1948	523.4	134.1	0.0	1949	533.3	134.1	0.0
1950	543.1	134.1	0.0	1951	553.0	134.1	0.0	1952	562.9	134.1	0.0
1953	572.8	134.1	0.0	1954	582.6	134.1	0.0	1955	404.9	144.1	0.0
1956	414.8	144.1	0.0	1957	424.6	144.1	0.0	1958	434.5	144.1	0.0
1959	444.4	144.1	0.0	1960	454.3	144.1	0.0	1961	464.1	144.1	0.0
1962	474.0	144.1	0.0	1963	483.9	144.1	0.0	1964	493.8	144.1	0.0
1965	503.6	144.1	0.0	1966	513.5	144.1	0.0	1967	523.4	144.1	0.0
1968	533.3	144.1	0.0	1969	543.1	144.1	0.0	1970	553.0	144.1	0.0
1971	562.9	144.1	0.0	1972	572.8	144.1	0.0	1973	582.6	144.1	0.0
1974	404.9	154.1	0.0	1975	414.8	154.1	0.0	1976	424.6	154.1	0.0
1977	434.5	154.1	0.0	1978	444.4	154.1	0.0	1979	454.3	154.1	0.0
1980	464.1	154.1	0.0	1981	474.0	154.1	0.0	1982	483.9	154.1	0.0
1983	493.8	154.1	0.0	1984	503.6	154.1	0.0	1985	513.5	154.1	0.0
1986	523.4	154.1	0.0	1987	533.3	154.1	0.0	1988	543.1	154.1	0.0
1989	553.0	154.1	0.0	1990	562.9	154.1	0.0	1991	572.8	154.1	0.0
1992	582.6	154.1	0.0	1993	404.9	164.1	0.0	1994	414.8	164.1	0.0
1995	424.6	164.1	0.0	1996	434.5	164.1	0.0	1997	444.4	164.1	0.0
1998	454.3	164.1	0.0	1999	464.1	164.1	0.0	2000	474.0	164.1	0.0
2001	483.9	164.1	0.0	2002	493.8	164.1	0.0	2003	503.6	164.1	0.0
2004	513.5	164.1	0.0	2005	523.4	164.1	0.0	2006	533.3	164.1	0.0
2007	543.1	164.1	0.0	2008	553.0	164.1	0.0	2009	562.9	164.1	0.0
2010	572.8	164.1	0.0	2011	582.6	164.1	0.0	2012	404.9	174.1	0.0
2013	414.8	174.1	0.0	2014	424.6	174.1	0.0	2015	434.5	174.1	0.0
2016	444.4	174.1	0.0	2017	454.3	174.1	0.0	2018	464.1	174.1	0.0
2019	474.0	174.1	0.0	2020	483.9	174.1	0.0	2021	493.8	174.1	0.0
2022	503.6	174.1	0.0	2023	513.5	174.1	0.0	2024	523.4	174.1	0.0
2025	533.3	174.1	0.0	2026	543.1	174.1	0.0	2027	553.0	174.1	0.0



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2028	562.9	174.1	0.0	2029	572.8	174.1	0.0	2030	582.6	174.1	0.0
2031	404.9	184.1	0.0	2032	414.8	184.1	0.0	2033	424.6	184.1	0.0
2034	434.5	184.1	0.0	2035	444.4	184.1	0.0	2036	454.3	184.1	0.0
2037	464.1	184.1	0.0	2038	474.0	184.1	0.0	2039	483.9	184.1	0.0
2040	493.8	184.1	0.0	2041	503.6	184.1	0.0	2042	513.5	184.1	0.0
2043	523.4	184.1	0.0	2044	533.3	184.1	0.0	2045	543.1	184.1	0.0
2046	553.0	184.1	0.0	2047	562.9	184.1	0.0	2048	572.8	184.1	0.0
2049	582.6	184.1	0.0	2050	404.9	184.1	-8.0	2051	585.0	174.1	-16.4
2052	572.8	174.1	-16.4	2053	562.9	174.1	-16.4	2054	553.0	174.1	-16.4
2055	543.1	174.1	-16.4	2056	533.3	174.1	-16.4	2057	523.4	174.1	-16.4
2058	513.5	174.1	-16.4	2059	503.6	174.1	-16.4	2060	493.8	174.1	-16.4
2061	483.9	174.1	-16.4	2062	474.0	174.1	-16.4	2063	464.1	174.1	-16.4
2064	454.3	174.1	-16.4	2065	444.4	174.1	-16.4	2066	434.5	174.1	-16.4
2067	424.6	174.1	-16.4	2068	414.8	174.1	-16.4	2069	402.5	174.1	-16.4
2071	585.0	54.1	-32.7	2072	7.5	144.1	-20.4	2073	7.5	164.1	-17.7
2074	7.5	44.1	-34.0	2075	7.5	24.1	-36.7	2076	7.5	64.1	-31.3
2077	7.5	84.1	-28.6	2078	7.5	104.1	-25.9	2079	7.5	124.1	-23.1
2080	7.5	12.0	-38.4	2081	7.5	54.1	-32.7	2082	7.5	174.1	-16.4
2083	7.5	114.1	-24.5	2084	7.5	154.1	-19.1	2085	7.5	134.1	-21.8
2086	7.5	74.1	-29.9	2087	7.5	94.1	-27.2	2088	7.5	34.1	-35.4
2090	-9.9	184.1	-15.0	2091	-7.5	144.1	-20.4	2092	-7.5	164.1	-17.7
2093	-7.5	44.1	-34.0	2094	-7.5	24.1	-36.7	2095	-7.5	64.1	-31.3
2096	-7.5	84.1	-28.6	2097	-7.5	104.1	-25.9	2098	-7.5	124.1	-23.1
2099	-7.5	12.0	-38.4	2100	-7.5	54.1	-32.7	2101	-7.5	174.1	-16.4
2102	-7.5	114.1	-24.5	2103	-7.5	154.1	-19.1	2104	-7.5	134.1	-21.8
2105	-7.5	74.1	-29.9	2106	-7.5	94.1	-27.2	2107	-7.5	34.1	-35.4
2108	585.0	64.1	-31.3	2109	205.0	174.1	-16.4	2110	585.0	74.1	-29.9
2111	585.0	84.1	-28.6	2112	585.0	94.1	-27.2	2113	585.0	104.1	-25.9
2114	375.3	174.1	-16.4	2115	387.5	174.1	-16.4	2116	365.4	174.1	-16.4
2117	355.5	174.1	-16.4	2118	345.6	174.1	-16.4	2119	335.8	174.1	-16.4
2120	325.9	174.1	-16.4	2121	316.0	174.1	-16.4	2122	306.1	174.1	-16.4
2123	296.3	174.1	-16.4	2124	286.4	174.1	-16.4	2125	276.5	174.1	-16.4
2126	266.6	174.1	-16.4	2127	256.8	174.1	-16.4	2128	246.9	174.1	-16.4
2129	237.0	174.1	-16.4	2130	227.1	174.1	-16.4	2131	217.3	174.1	-16.4
2132	585.0	24.1	-36.7	2134	585.0	34.1	-35.4	2135	585.0	44.1	-34.0
2136	177.8	174.1	-16.4	2137	190.0	174.1	-16.4	2138	167.9	174.1	-16.4
2139	158.0	174.1	-16.4	2140	148.1	174.1	-16.4	2141	138.3	174.1	-16.4
2142	128.4	174.1	-16.4	2143	118.5	174.1	-16.4	2144	108.6	174.1	-16.4
2145	98.8	174.1	-16.4	2146	88.9	174.1	-16.4	2147	79.0	174.1	-16.4
2148	69.1	174.1	-16.4	2149	59.3	174.1	-16.4	2150	49.4	174.1	-16.4
2151	39.5	174.1	-16.4	2152	29.6	174.1	-16.4	2153	19.8	174.1	-16.4
2154	585.0	114.1	-24.5	2155	585.0	124.1	-23.1	2156	205.0	12.1	-38.4
2157	205.0	24.1	-36.7	2159	205.0	34.1	-35.4	2160	205.0	44.1	-34.0
2161	205.0	54.1	-32.7	2162	205.0	64.1	-31.3	2163	205.0	74.1	-29.9
2164	205.0	84.1	-28.6	2165	205.0	94.1	-27.2	2166	205.0	104.1	-25.9
2167	205.0	114.1	-24.5	2168	205.0	124.1	-23.1	2169	205.0	134.1	-21.8
2170	205.0	144.1	-20.4	2171	205.0	154.1	-19.1	2172	205.0	164.1	-17.7
2173	190.0	12.1	-38.4	2174	190.0	24.1	-36.7	2176	190.0	34.1	-35.4
2177	190.0	44.1	-34.0	2178	190.0	54.1	-32.7	2179	190.0	64.1	-31.3
2180	190.0	74.1	-29.9	2181	190.0	84.1	-28.6	2182	190.0	94.1	-27.2
2183	190.0	104.1	-25.9	2184	190.0	114.1	-24.5	2185	190.0	124.1	-23.1
2186	190.0	134.1	-21.8	2187	190.0	144.1	-20.4	2188	190.0	154.1	-19.1
2189	190.0	164.1	-17.7	2190	585.0	134.1	-21.8	2191	585.0	144.1	-20.4
2192	402.5	12.1	-38.4	2193	402.5	24.1	-36.7	2195	402.5	34.1	-35.4
2196	402.5	44.1	-34.0	2197	402.5	54.1	-32.7	2198	402.5	64.1	-31.3
2199	402.5	74.1	-29.9	2200	402.5	84.1	-28.6	2201	402.5	94.1	-27.2
2202	402.5	104.1	-25.9	2203	402.5	114.1	-24.5	2204	402.5	124.1	-23.1
2205	402.5	134.1	-21.8	2206	402.5	144.1	-20.4	2207	402.5	154.1	-19.1
2208	402.5	164.1	-17.7	2209	387.5	12.1	-38.4	2210	387.5	24.1	-36.7
2212	387.5	34.1	-35.4	2213	387.5	44.1	-34.0	2214	387.5	54.1	-32.7
2215	387.5	64.1	-31.3	2216	387.5	74.1	-29.9	2217	387.5	84.1	-28.6
2218	387.5	94.1	-27.2	2219	387.5	104.1	-25.9	2220	387.5	114.1	-24.5
2221	387.5	124.1	-23.1	2222	387.5	134.1	-21.8	2223	387.5	144.1	-20.4
2224	387.5	154.1	-19.1	2225	387.5	164.1	-17.7	2226	585.0	154.1	-19.1
2227	585.0	164.1	-17.7	2228	600.0	12.1	-38.4	2229	600.0	24.1	-36.7
2231	600.0	34.1	-35.4	2232	600.0	44.1	-34.0	2233	600.0	54.1	-32.7
2234	600.0	64.1	-31.3	2235	600.0	74.1	-29.9	2236	600.0	84.1	-28.6
2237	600.0	94.1	-27.2	2238	600.0	104.1	-25.9	2239	600.0	114.1	-24.5
2240	600.0	124.1	-23.1	2241	600.0	134.1	-21.8	2242	600.0	144.1	-20.4
2243	600.0	154.1	-19.1	2244	600.0	164.1	-17.7	2245	600.0	174.1	-16.4
2246	602.4	184.1	-15.0	2247	585.0	12.1	-38.4	2248	0.0	184.1	8.0
2249	434.5	184.1	8.0	2250	197.5	184.1	8.0	2251	444.4	184.1	8.0
2252	454.3	184.1	8.0	2253	464.1	184.1	8.0	2254	395.0	184.1	8.0
2255	474.0	184.1	8.0	2256	483.9	184.1	8.0	2257	493.8	184.1	8.0
2258	503.6	184.1	8.0	2259	592.5	184.1	8.0	2260	9.9	184.1	8.0
2261	19.8	184.1	8.0	2262	29.6	184.1	8.0	2263	39.5	184.1	8.0
2264	49.4	184.1	8.0	2265	59.3	184.1	8.0	2266	69.1	184.1	8.0



2267	79.0	184.1	8.0	2268	88.9	184.1	8.0	2269	98.8	184.1	8.0
2270	108.6	184.1	8.0	2271	118.5	184.1	8.0	2272	128.4	184.1	8.0
2273	138.3	184.1	8.0	2274	148.1	184.1	8.0	2275	158.0	184.1	8.0
2276	167.9	184.1	8.0	2277	177.8	184.1	8.0	2278	187.6	184.1	8.0
2279	513.5	184.1	8.0	2280	523.4	184.1	8.0	2281	533.3	184.1	8.0
2282	543.1	184.1	8.0	2283	553.0	184.1	8.0	2284	562.9	184.1	8.0
2285	572.8	184.1	8.0	2286	582.6	184.1	8.0	2287	-9.9	184.1	8.0
2289	-9.9	184.1	0.0	2290	-9.9	164.1	0.0	2291	-9.9	144.1	0.0
2292	-9.9	124.1	0.0	2293	-9.9	104.1	0.0	2294	-9.9	84.1	0.0
2295	-9.9	64.1	0.0	2296	-9.9	44.1	0.0	2297	-9.9	24.1	0.0
2298	602.4	54.1	0.0	2299	-9.9	184.1	-19.0	2300	-9.9	12.1	0.0
2301	-9.9	174.1	0.0	2302	-9.9	94.1	0.0	2303	-9.9	154.1	0.0
2304	-9.9	114.1	0.0	2305	-9.9	134.1	0.0	2306	-9.9	54.1	0.0
2307	-9.9	74.1	0.0	2308	-9.9	34.1	0.0	2309	-9.9	184.1	-8.0
2311	602.4	184.1	0.0	2312	207.4	184.1	8.0	2313	217.3	184.1	8.0
2314	227.1	184.1	8.0	2315	237.0	184.1	8.0	2316	246.9	184.1	8.0
2317	256.8	184.1	8.0	2318	266.6	184.1	8.0	2319	276.5	184.1	8.0
2320	286.4	184.1	8.0	2321	296.3	184.1	8.0	2322	306.1	184.1	8.0
2323	316.0	184.1	8.0	2324	325.9	184.1	8.0	2325	335.8	184.1	8.0
2326	345.6	184.1	8.0	2327	355.5	184.1	8.0	2328	365.4	184.1	8.0
2329	375.3	184.1	8.0	2330	385.1	184.1	8.0	2331	602.4	74.1	0.0
2332	602.4	184.1	-19.0	2333	602.4	12.1	0.0	2334	602.4	164.1	0.0
2335	602.4	34.1	0.0	2336	602.4	144.1	0.0	2337	602.4	124.1	0.0
2338	602.4	184.1	-8.0	2339	602.4	104.1	0.0	2340	602.4	84.1	0.0
2341	602.4	64.1	0.0	2342	602.4	44.1	0.0	2343	602.4	24.1	0.0
2344	602.4	184.1	8.0	2345	602.4	174.1	0.0	2346	602.4	94.1	0.0
2347	602.4	154.1	0.0	2348	602.4	114.1	0.0	2349	602.4	134.1	0.0
2350	404.9	184.1	8.0	2351	414.8	184.1	8.0	2352	424.6	184.1	8.0

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	0.0	0.0	0.0	v=111000						
11	0.0	0.0	-40.0	v=111000						
24	0.0	0.0	-20.0	v=111000						
33	0.0	0.0	-8.0	v=111000						
88	0.0	0.0	-30.0	v=111000						
93	197.5	0.0	0.0	v=111000						
125	592.5	0.0	-20.0	v=111000						
131	197.5	0.0	-30.0	v=111000						
142	592.5	0.0	-8.0	v=111000						
169	592.5	0.0	-30.0	v=111000						
178	592.5	0.0	-40.0	v=111000						
191	395.0	0.0	0.0	v=111000						
201	395.0	0.0	-40.0	v=111000						
214	395.0	0.0	-20.0	v=111000						
223	395.0	0.0	-8.0	v=111000						
278	395.0	0.0	-30.0	v=111000						
301	592.5	0.0	0.0	v=111000						
313	197.5	0.0	-40.0	v=111000						
326	197.5	0.0	-20.0	v=111000						
335	197.5	0.0	-8.0	v=111000						
346	9.9	0.0	0.0	v=111000						
348	19.8	0.0	0.0	v=111000						
350	29.6	0.0	0.0	v=111000						
352	39.5	0.0	0.0	v=111000						
354	49.4	0.0	0.0	v=111000						
356	59.3	0.0	0.0	v=111000						
358	69.1	0.0	0.0	v=111000						
360	79.0	0.0	0.0	v=111000						
362	88.9	0.0	0.0	v=111000						
364	98.8	0.0	0.0	v=111000						
366	108.6	0.0	0.0	v=111000						
368	118.5	0.0	0.0	v=111000						
370	128.4	0.0	0.0	v=111000						
372	138.3	0.0	0.0	v=111000						
374	148.1	0.0	0.0	v=111000						
376	158.0	0.0	0.0	v=111000						
378	167.9	0.0	0.0	v=111000						
380	177.8	0.0	0.0	v=111000						
382	187.6	0.0	0.0	v=111000						
1018	207.4	0.0	0.0	v=111000						
1020	217.3	0.0	0.0	v=111000						
1022	227.1	0.0	0.0	v=111000						
1024	237.0	0.0	0.0	v=111000						
1026	246.9	0.0	0.0	v=111000						



1028	256.8	0.0	0.0	v=111000
1030	266.6	0.0	0.0	v=111000
1032	276.5	0.0	0.0	v=111000
1034	286.4	0.0	0.0	v=111000
1036	296.3	0.0	0.0	v=111000
1038	306.1	0.0	0.0	v=111000
1040	316.0	0.0	0.0	v=111000
1042	325.9	0.0	0.0	v=111000
1044	335.8	0.0	0.0	v=111000
1046	345.6	0.0	0.0	v=111000
1048	355.5	0.0	0.0	v=111000
1050	365.4	0.0	0.0	v=111000
1052	375.3	0.0	0.0	v=111000
1054	385.1	0.0	0.0	v=111000
1690	404.9	0.0	0.0	v=111000
1692	414.8	0.0	0.0	v=111000
1694	424.6	0.0	0.0	v=111000
1696	434.5	0.0	0.0	v=111000
1698	444.4	0.0	0.0	v=111000
1700	454.3	0.0	0.0	v=111000
1702	464.1	0.0	0.0	v=111000
1704	474.0	0.0	0.0	v=111000
1706	483.9	0.0	0.0	v=111000
1708	493.8	0.0	0.0	v=111000
1710	503.6	0.0	0.0	v=111000
1712	513.5	0.0	0.0	v=111000
1714	523.4	0.0	0.0	v=111000
1716	533.3	0.0	0.0	v=111000
1718	543.1	0.0	0.0	v=111000
1720	553.0	0.0	0.0	v=111000
1722	562.9	0.0	0.0	v=111000
1724	572.8	0.0	0.0	v=111000
1726	582.6	0.0	0.0	v=111000
2070	7.5	0.0	-40.0	v=111000
2089	-7.5	0.0	-40.0	v=111000
2133	585.0	0.0	-40.0	v=111000
2158	205.0	0.0	-40.0	v=111000
2175	190.0	0.0	-40.0	v=111000
2194	402.5	0.0	-40.0	v=111000
2211	387.5	0.0	-40.0	v=111000
2230	600.0	0.0	-40.0	v=111000
2288	-9.9	0.0	0.0	v=111000
2310	602.4	0.0	0.0	v=111000



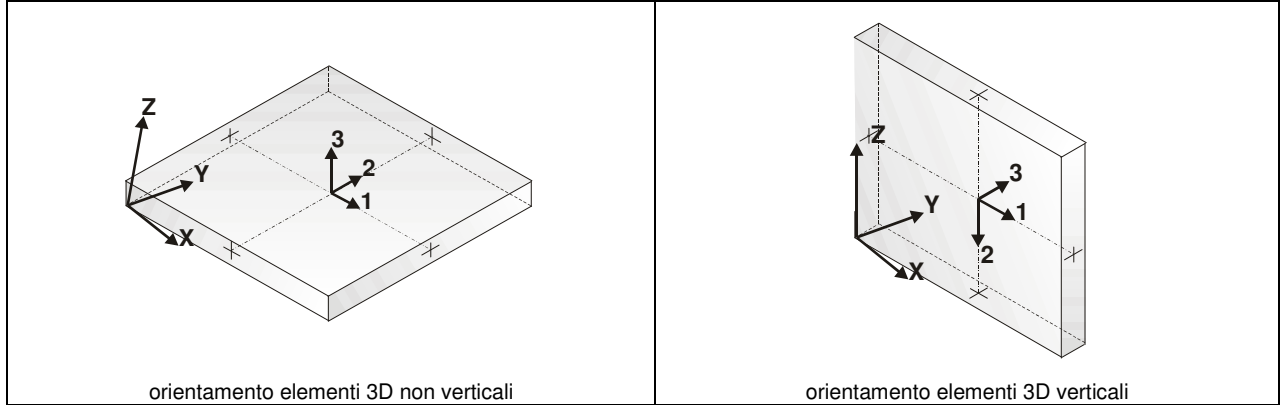
# MODELLAZIONE STRUTTURA: ELEMENTI SHELL

## LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.

Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

<b>Elem.</b>	numero dell'elemento
<b>Note</b>	codice di comportamento: <i>Guscio</i> (elemento guscio in elevazione non verticale) <i>Guscio fond.</i> (elemento guscio su suolo elastico) <i>Setto</i> (elemento guscio in elevazione verticale) <i>Membrana</i> (elemento guscio con comportamento membranale)
<b>Nodo I (J, K, L)</b>	numero del nodo I (J, K, L)
<b>Mat.</b>	codice del materiale assegnato all'elemento
<b>Spessore</b>	spessore dell'elemento (costante)
<b>Wink V</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
<b>Wink O</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale



Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO\_SAP e dei moduli aggiuntivi PRO\_SAP Modulo Geotecnico, PRO\_CAD nodi acciaio e PRO\_MST" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore cm	Wink V daN/cm3	Wink O daN/cm3
1	Setto	16	79	78	77	12	1.0		
2	Setto	22	81	55	84	12	1.0		
3	Setto	11	31	30	88	12	1.0		
4	Setto	24	32	34	33	12	1.0		
5	Setto	15	37	36	82	12	1.0		
6	Setto	23	39	42	86	12	1.0		
7	Setto	17	70	69	40	12	1.0		



8	Setto	25	71	63	68	12	1.0
9	Setto	18	75	74	21	12	1.0
10	Setto	26	76	43	73	12	1.0
11	Setto	19	50	48	60	12	1.0
12	Setto	27	52	57	46	12	1.0
13	Setto	54	61	62	28	12	1.0
14	Setto	28	62	65	59	12	1.0
15	Setto	80	90	2	41	12	1.0
16	Setto	13	51	49	47	12	1.0
17	Setto	1729	1730	1685	1686	12	0.8
18	Setto	14	38	80	56	12	1.0
19	Setto	60	48	52	27	12	1.0
20	Setto	50	20	54	48	12	1.0
21	Setto	48	54	28	52	12	1.0
22	Setto	46	57	58	6	12	1.0
23	Setto	52	28	59	57	12	1.0
24	Setto	57	59	5	58	12	1.0
25	Setto	56	80	41	3	12	1.0
26	Setto	38	12	90	80	12	1.0
27	Setto	62	61	13		12	1.0
28	Setto	54	20	61		12	1.0
29	Setto	59	65	66	5	12	1.0
30	Setto	62	13	47	65	12	1.0
31	Setto	65	47	4	66	12	1.0
32	Setto	47	49	53	4	12	1.0
33	Setto	51	14	56	49	12	1.0
34	Setto	49	56	3	53	12	1.0
35	Setto	77	78	81	22	12	1.0
36	Setto	79	15	82	78	12	1.0
37	Setto	78	82	23	81	12	1.0
38	Setto	84	55	85	10	12	1.0
39	Setto	81	23	86	55	12	1.0
40	Setto	55	86	9	85	12	1.0
41	Setto	88	30	32	24	12	1.0
42	Setto	31	16	77	30	12	1.0
43	Setto	30	77	22	32	12	1.0
44	Setto	33	34	35	1	12	1.0
45	Setto	32	22	84	34	12	1.0
46	Setto	34	84	10	35	12	1.0
47	Setto	82	36	39	23	12	1.0
48	Setto	37	17	40	36	12	1.0
49	Setto	36	40	25	39	12	1.0
50	Setto	86	42	67	9	12	1.0
51	Setto	39	25	68	42	12	1.0
52	Setto	42	68	8	67	12	1.0
53	Setto	40	69	71	25	12	1.0
54	Setto	70	18	21	69	12	1.0
55	Setto	69	21	26	71	12	1.0
56	Setto	68	63	72	8	12	1.0
57	Setto	71	26	73	63	12	1.0
58	Setto	63	73	7	72	12	1.0
59	Setto	21	74	76	26	12	1.0
60	Setto	75	19	60	74	12	1.0
61	Setto	74	60	27	76	12	1.0
62	Setto	73	43	44	7	12	1.0
63	Setto	76	27	46	43	12	1.0
64	Setto	43	46	6	44	12	1.0
65	Setto	155	330	343	311	12	1.0
66	Setto	311	343	97	150	12	1.0
67	Setto	310	122	133	95	12	1.0
68	Setto	340	314	134	122	12	1.0
69	Setto	104	103	315		12	1.0
70	Setto	307	322	103		12	1.0
71	Setto	343	107	158	97	12	1.0
72	Setto	104	315	147	107	12	1.0
73	Setto	107	147	96	158	12	1.0
74	Setto	147	151	145	96	12	1.0
75	Setto	153	316	310	151	12	1.0
76	Setto	151	310	95	145	12	1.0
77	Setto	119	120	123	324	12	1.0
78	Setto	121	317	124	120	12	1.0
79	Setto	120	124	325	123	12	1.0
80	Setto	126	308	177	102	12	1.0
81	Setto	123	325	129	308	12	1.0
82	Setto	308	129	101	177	12	1.0
83	Setto	131	332	334	326	12	1.0
84	Setto	333	318	119	332	12	1.0



85	Setto	332	119	324	334	12	1.0
86	Setto	335	336	127	93	12	1.0
87	Setto	334	324	126	336	12	1.0
88	Setto	336	126	102	127	12	1.0
89	Setto	124	338	341	325	12	1.0
90	Setto	339	319	342	338	12	1.0
91	Setto	338	342	327	341	12	1.0
92	Setto	129	344	159	101	12	1.0
93	Setto	341	327	110	344	12	1.0
94	Setto	344	110	100	159	12	1.0
95	Setto	342	111	113	327	12	1.0
96	Setto	112	320	323	111	12	1.0
97	Setto	111	323	328	113	12	1.0
98	Setto	110	105	164	100	12	1.0
99	Setto	113	328	115	105	12	1.0
100	Setto	105	115	99	164	12	1.0
101	Setto	323	116	118	328	12	1.0
102	Setto	117	321	154	116	12	1.0
103	Setto	116	154	329	118	12	1.0
104	Setto	115	149	136	99	12	1.0
105	Setto	118	329	337	149	12	1.0
106	Setto	149	337	98	136	12	1.0
107	Setto	206	269	268	267	12	1.0
108	Setto	212	271	245	274	12	1.0
109	Setto	201	221	220	278	12	1.0
110	Setto	214	222	224	223	12	1.0
111	Setto	205	227	226	272	12	1.0
112	Setto	213	229	232	276	12	1.0
113	Setto	207	260	259	230	12	1.0
114	Setto	215	261	253	258	12	1.0
115	Setto	208	265	264	211	12	1.0
116	Setto	216	266	233	263	12	1.0
117	Setto	209	240	238	250	12	1.0
118	Setto	217	242	247	236	12	1.0
119	Setto	244	251	252	218	12	1.0
120	Setto	218	252	255	249	12	1.0
121	Setto	270	280	192	231	12	1.0
122	Setto	203	241	239	237	12	1.0
123	Setto	1728	1729	1686	1687	12	0.8
124	Setto	204	228	270	246	12	1.0
125	Setto	250	238	242	217	12	1.0
126	Setto	240	210	244	238	12	1.0
127	Setto	238	244	218	242	12	1.0
128	Setto	236	247	248	196	12	1.0
129	Setto	242	218	249	247	12	1.0
130	Setto	247	249	195	248	12	1.0
131	Setto	246	270	231	193	12	1.0
132	Setto	228	202	280	270	12	1.0
133	Setto	252	251	203		12	1.0
134	Setto	244	210	251		12	1.0
135	Setto	249	255	256	195	12	1.0
136	Setto	252	203	237	255	12	1.0
137	Setto	255	237	194	256	12	1.0
138	Setto	237	239	243	194	12	1.0
139	Setto	241	204	246	239	12	1.0
140	Setto	239	246	193	243	12	1.0
141	Setto	267	268	271	212	12	1.0
142	Setto	269	205	272	268	12	1.0
143	Setto	268	272	213	271	12	1.0
144	Setto	274	245	275	200	12	1.0
145	Setto	271	213	276	245	12	1.0
146	Setto	245	276	199	275	12	1.0
147	Setto	278	220	222	214	12	1.0
148	Setto	221	206	267	220	12	1.0
149	Setto	220	267	212	222	12	1.0
150	Setto	223	224	225	191	12	1.0
151	Setto	222	212	274	224	12	1.0
152	Setto	224	274	200	225	12	1.0
153	Setto	272	226	229	213	12	1.0
154	Setto	227	207	230	226	12	1.0
155	Setto	226	230	215	229	12	1.0
156	Setto	276	232	257	199	12	1.0
157	Setto	229	215	258	232	12	1.0
158	Setto	232	258	198	257	12	1.0
159	Setto	230	259	261	215	12	1.0
160	Setto	260	208	211	259	12	1.0
161	Setto	259	211	216	261	12	1.0



162	Setto	258	253	262	198	12	1.0
163	Setto	261	216	263	253	12	1.0
164	Setto	253	263	197	262	12	1.0
165	Setto	211	264	266	216	12	1.0
166	Setto	265	209	250	264	12	1.0
167	Setto	264	250	217	266	12	1.0
168	Setto	263	233	234	197	12	1.0
169	Setto	266	217	236	233	12	1.0
170	Setto	233	236	196	234	12	1.0
171	Setto	306	157	137	92	12	1.0
172	Setto	109	161	283	165	12	1.0
173	Setto	178	140	139	169	12	1.0
174	Setto	125	141	143	142	12	1.0
175	Setto	305	179	146	162	12	1.0
176	Setto	114	182	185	167	12	1.0
177	Setto	309	298	297	183	12	1.0
178	Setto	128	45	291	296	12	1.0
179	Setto	156	89	87	108	12	1.0
180	Setto	130	91	186	83	12	1.0
181	Setto	312	273	235	288	12	1.0
182	Setto	132	279	285	189	12	1.0
183	Setto	282	289	290	135	12	1.0
184	Setto	135	290	293	287	12	1.0
185	Setto	160	171	302	184	12	1.0
186	Setto	303	277	254	190	12	1.0
187	Setto	1727	1728	1687	1688	12	0.8
188	Setto	304	180	160	284	12	1.0
189	Setto	288	235	279	132	12	1.0
190	Setto	273	106	282	235	12	1.0
191	Setto	235	282	135	279	12	1.0
192	Setto	189	285	286	172	12	1.0
193	Setto	279	135	287	285	12	1.0
194	Setto	285	287	170	286	12	1.0
195	Setto	284	160	184	163	12	1.0
196	Setto	180	181	171	160	12	1.0
197	Setto	290	289	303		12	1.0
198	Setto	282	106	289		12	1.0
199	Setto	287	293	294	170	12	1.0
200	Setto	290	303	190	293	12	1.0
201	Setto	293	190	168	294	12	1.0
202	Setto	190	254	281	168	12	1.0
203	Setto	277	304	284	254	12	1.0
204	Setto	254	284	163	281	12	1.0
205	Setto	92	137	161	109	12	1.0
206	Setto	157	305	162	137	12	1.0
207	Setto	137	162	114	161	12	1.0
208	Setto	165	283	166	176	12	1.0
209	Setto	161	114	167	283	12	1.0
210	Setto	283	167	175	166	12	1.0
211	Setto	169	139	141	125	12	1.0
212	Setto	140	306	92	139	12	1.0
213	Setto	139	92	109	141	12	1.0
214	Setto	142	143	144	301	12	1.0
215	Setto	141	109	165	143	12	1.0
216	Setto	143	165	176	144	12	1.0
217	Setto	162	146	182	114	12	1.0
218	Setto	179	309	183	146	12	1.0
219	Setto	146	183	128	182	12	1.0
220	Setto	167	185	295	175	12	1.0
221	Setto	182	128	296	185	12	1.0
222	Setto	185	296	174	295	12	1.0
223	Setto	183	297	45	128	12	1.0
224	Setto	298	156	108	297	12	1.0
225	Setto	297	108	130	45	12	1.0
226	Setto	296	291	64	174	12	1.0
227	Setto	45	130	83	291	12	1.0
228	Setto	291	83	173	64	12	1.0
229	Setto	108	87	91	130	12	1.0
230	Setto	89	312	288	87	12	1.0
231	Setto	87	288	132	91	12	1.0
232	Setto	83	186	187	173	12	1.0
233	Setto	91	132	189	186	12	1.0
234	Setto	186	189	172	187	12	1.0
235	Setto	307	103	104	330	12	1.0
236	Setto	330	104	107	343	12	1.0
237	Setto	122	134	94	133	12	1.0
238	Setto	315	153	151	147	12	1.0



239	Setto	200	1727	1688	274	12	0.8
240	Setto	316	340	122	310	12	1.0
241	Setto	154	148	155	329	12	1.0
242	Setto	152	322	307	148	12	1.0
243	Setto	148	307	330	155	12	1.0
244	Setto	337	311	150	98	12	1.0
245	Setto	318	121	120	119	12	1.0
246	Setto	324	123	308	126	12	1.0
247	Setto	313	333	332	131	12	1.0
248	Setto	326	334	336	335	12	1.0
249	Setto	317	339	338	124	12	1.0
250	Setto	325	341	344	129	12	1.0
251	Setto	319	112	111	342	12	1.0
252	Setto	327	113	105	110	12	1.0
253	Setto	320	117	116	323	12	1.0
254	Setto	328	118	149	115	12	1.0
255	Setto	321	152	148	154	12	1.0
256	Setto	329	155	311	337	12	1.0
257	Guscio	1	346	345	35	12	1.0
258	Guscio	346	348	347	345	12	1.0
259	Guscio	348	350	349	347	12	1.0
260	Guscio	350	352	351	349	12	1.0
261	Guscio	352	354	353	351	12	1.0
262	Guscio	354	356	355	353	12	1.0
263	Guscio	356	358	357	355	12	1.0
264	Guscio	358	360	359	357	12	1.0
265	Guscio	360	362	361	359	12	1.0
266	Guscio	362	364	363	361	12	1.0
267	Guscio	364	366	365	363	12	1.0
268	Guscio	366	368	367	365	12	1.0
269	Guscio	368	370	369	367	12	1.0
270	Guscio	370	372	371	369	12	1.0
271	Guscio	372	374	373	371	12	1.0
272	Guscio	374	376	375	373	12	1.0
273	Guscio	376	378	377	375	12	1.0
274	Guscio	378	380	379	377	12	1.0
275	Guscio	380	382	381	379	12	1.0
276	Guscio	382	93	127	381	12	1.0
277	Guscio	35	345	383	10	12	1.0
278	Guscio	345	347	384	383	12	1.0
279	Guscio	347	349	385	384	12	1.0
280	Guscio	349	351	386	385	12	1.0
281	Guscio	351	353	387	386	12	1.0
282	Guscio	353	355	388	387	12	1.0
283	Guscio	355	357	389	388	12	1.0
284	Guscio	357	359	390	389	12	1.0
285	Guscio	359	361	391	390	12	1.0
286	Guscio	361	363	392	391	12	1.0
287	Guscio	363	365	393	392	12	1.0
288	Guscio	365	367	394	393	12	1.0
289	Guscio	367	369	395	394	12	1.0
290	Guscio	369	371	396	395	12	1.0
291	Guscio	371	373	397	396	12	1.0
292	Guscio	373	375	398	397	12	1.0
293	Guscio	375	377	399	398	12	1.0
294	Guscio	377	379	400	399	12	1.0
295	Guscio	379	381	401	400	12	1.0
296	Guscio	381	127	102	401	12	1.0
297	Guscio	401	102	177	402	12	1.0
298	Guscio	400	401	402	403	12	1.0
299	Guscio	399	400	403	404	12	1.0
300	Guscio	398	399	404	405	12	1.0
301	Guscio	397	398	405	406	12	1.0
302	Guscio	396	397	406	407	12	1.0
303	Guscio	395	396	407	408	12	1.0
304	Guscio	394	395	408	409	12	1.0
305	Guscio	393	394	409	410	12	1.0
306	Guscio	392	393	410	411	12	1.0
307	Guscio	391	392	411	412	12	1.0
308	Guscio	390	391	412	413	12	1.0
309	Guscio	389	390	413	414	12	1.0
310	Guscio	388	389	414	415	12	1.0
311	Guscio	387	388	415	416	12	1.0
312	Guscio	386	387	416	417	12	1.0
313	Guscio	385	386	417	418	12	1.0
314	Guscio	384	385	418	419	12	1.0
315	Guscio	383	384	419	420	12	1.0



316	Guscio	10	383	420	85	12	1.0
317	Guscio	402	177	101	421	12	1.0
318	Guscio	403	402	421	422	12	1.0
319	Guscio	404	403	422	423	12	1.0
320	Guscio	405	404	423	424	12	1.0
321	Guscio	406	405	424	425	12	1.0
322	Guscio	407	406	425	426	12	1.0
323	Guscio	408	407	426	427	12	1.0
324	Guscio	409	408	427	428	12	1.0
325	Guscio	410	409	428	429	12	1.0
326	Guscio	411	410	429	430	12	1.0
327	Guscio	412	411	430	431	12	1.0
328	Guscio	413	412	431	432	12	1.0
329	Guscio	414	413	432	433	12	1.0
330	Guscio	415	414	433	434	12	1.0
331	Guscio	416	415	434	435	12	1.0
332	Guscio	417	416	435	436	12	1.0
333	Guscio	418	417	436	437	12	1.0
334	Guscio	419	418	437	438	12	1.0
335	Guscio	420	419	438	439	12	1.0
336	Guscio	85	420	439	9	12	1.0
337	Guscio	9	439	440	67	12	1.0
338	Guscio	439	438	441	440	12	1.0
339	Guscio	438	437	442	441	12	1.0
340	Guscio	437	436	443	442	12	1.0
341	Guscio	436	435	444	443	12	1.0
342	Guscio	435	434	445	444	12	1.0
343	Guscio	434	433	446	445	12	1.0
344	Guscio	433	432	447	446	12	1.0
345	Guscio	432	431	448	447	12	1.0
346	Guscio	431	430	449	448	12	1.0
347	Guscio	430	429	450	449	12	1.0
348	Guscio	429	428	451	450	12	1.0
349	Guscio	428	427	452	451	12	1.0
350	Guscio	427	426	453	452	12	1.0
351	Guscio	426	425	454	453	12	1.0
352	Guscio	425	424	455	454	12	1.0
353	Guscio	424	423	456	455	12	1.0
354	Guscio	423	422	457	456	12	1.0
355	Guscio	422	421	458	457	12	1.0
356	Guscio	421	101	159	458	12	1.0
357	Guscio	67	440	459	8	12	1.0
358	Guscio	440	441	460	459	12	1.0
359	Guscio	441	442	461	460	12	1.0
360	Guscio	442	443	462	461	12	1.0
361	Guscio	443	444	463	462	12	1.0
362	Guscio	444	445	464	463	12	1.0
363	Guscio	445	446	465	464	12	1.0
364	Guscio	446	447	466	465	12	1.0
365	Guscio	447	448	467	466	12	1.0
366	Guscio	448	449	468	467	12	1.0
367	Guscio	449	450	469	468	12	1.0
368	Guscio	450	451	470	469	12	1.0
369	Guscio	451	452	471	470	12	1.0
370	Guscio	452	453	472	471	12	1.0
371	Guscio	453	454	473	472	12	1.0
372	Guscio	454	455	474	473	12	1.0
373	Guscio	455	456	475	474	12	1.0
374	Guscio	456	457	476	475	12	1.0
375	Guscio	457	458	477	476	12	1.0
376	Guscio	458	159	100	477	12	1.0
377	Guscio	8	459	478	72	12	1.0
378	Guscio	459	460	479	478	12	1.0
379	Guscio	460	461	480	479	12	1.0
380	Guscio	461	462	481	480	12	1.0
381	Guscio	462	463	482	481	12	1.0
382	Guscio	463	464	483	482	12	1.0
383	Guscio	464	465	484	483	12	1.0
384	Guscio	465	466	485	484	12	1.0
385	Guscio	466	467	486	485	12	1.0
386	Guscio	467	468	487	486	12	1.0
387	Guscio	468	469	488	487	12	1.0
388	Guscio	469	470	489	488	12	1.0
389	Guscio	470	471	490	489	12	1.0
390	Guscio	471	472	491	490	12	1.0
391	Guscio	472	473	492	491	12	1.0
392	Guscio	473	474	493	492	12	1.0



393	Guscio	474	475	494	493	12	1.0
394	Guscio	475	476	495	494	12	1.0
395	Guscio	476	477	496	495	12	1.0
396	Guscio	477	100	164	496	12	1.0
397	Guscio	72	478	497	7	12	1.0
398	Guscio	478	479	498	497	12	1.0
399	Guscio	479	480	499	498	12	1.0
400	Guscio	480	481	500	499	12	1.0
401	Guscio	481	482	501	500	12	1.0
402	Guscio	482	483	502	501	12	1.0
403	Guscio	483	484	503	502	12	1.0
404	Guscio	484	485	504	503	12	1.0
405	Guscio	485	486	505	504	12	1.0
406	Guscio	486	487	506	505	12	1.0
407	Guscio	487	488	507	506	12	1.0
408	Guscio	488	489	508	507	12	1.0
409	Guscio	489	490	509	508	12	1.0
410	Guscio	490	491	510	509	12	1.0
411	Guscio	491	492	511	510	12	1.0
412	Guscio	492	493	512	511	12	1.0
413	Guscio	493	494	513	512	12	1.0
414	Guscio	494	495	514	513	12	1.0
415	Guscio	495	496	515	514	12	1.0
416	Guscio	496	164	99	515	12	1.0
417	Guscio	7	497	516	44	12	1.0
418	Guscio	497	498	517	516	12	1.0
419	Guscio	498	499	518	517	12	1.0
420	Guscio	499	500	519	518	12	1.0
421	Guscio	500	501	520	519	12	1.0
422	Guscio	501	502	521	520	12	1.0
423	Guscio	502	503	522	521	12	1.0
424	Guscio	503	504	523	522	12	1.0
425	Guscio	504	505	524	523	12	1.0
426	Guscio	505	506	525	524	12	1.0
427	Guscio	506	507	526	525	12	1.0
428	Guscio	507	508	527	526	12	1.0
429	Guscio	508	509	528	527	12	1.0
430	Guscio	509	510	529	528	12	1.0
431	Guscio	510	511	530	529	12	1.0
432	Guscio	511	512	531	530	12	1.0
433	Guscio	512	513	532	531	12	1.0
434	Guscio	513	514	533	532	12	1.0
435	Guscio	514	515	534	533	12	1.0
436	Guscio	515	99	136	534	12	1.0
437	Guscio	44	516	535	6	12	1.0
438	Guscio	516	517	536	535	12	1.0
439	Guscio	517	518	537	536	12	1.0
440	Guscio	518	519	538	537	12	1.0
441	Guscio	519	520	539	538	12	1.0
442	Guscio	520	521	540	539	12	1.0
443	Guscio	521	522	541	540	12	1.0
444	Guscio	522	523	542	541	12	1.0
445	Guscio	523	524	543	542	12	1.0
446	Guscio	524	525	544	543	12	1.0
447	Guscio	525	526	545	544	12	1.0
448	Guscio	526	527	546	545	12	1.0
449	Guscio	527	528	547	546	12	1.0
450	Guscio	528	529	548	547	12	1.0
451	Guscio	529	530	549	548	12	1.0
452	Guscio	530	531	550	549	12	1.0
453	Guscio	531	532	551	550	12	1.0
454	Guscio	532	533	552	551	12	1.0
455	Guscio	533	534	553	552	12	1.0
456	Guscio	534	136	98	553	12	1.0
457	Guscio	6	535	554	58	12	1.0
458	Guscio	535	536	555	554	12	1.0
459	Guscio	536	537	556	555	12	1.0
460	Guscio	537	538	557	556	12	1.0
461	Guscio	538	539	558	557	12	1.0
462	Guscio	539	540	559	558	12	1.0
463	Guscio	540	541	560	559	12	1.0
464	Guscio	541	542	561	560	12	1.0
465	Guscio	542	543	562	561	12	1.0
466	Guscio	543	544	563	562	12	1.0
467	Guscio	544	545	564	563	12	1.0
468	Guscio	545	546	565	564	12	1.0
469	Guscio	546	547	566	565	12	1.0



470	Guscio	547	548	567	566	12	1.0
471	Guscio	548	549	568	567	12	1.0
472	Guscio	549	550	569	568	12	1.0
473	Guscio	550	551	570	569	12	1.0
474	Guscio	551	552	571	570	12	1.0
475	Guscio	552	553	572	571	12	1.0
476	Guscio	553	98	150	572	12	1.0
477	Guscio	58	554	573	5	12	1.0
478	Guscio	554	555	574	573	12	1.0
479	Guscio	555	556	575	574	12	1.0
480	Guscio	556	557	576	575	12	1.0
481	Guscio	557	558	577	576	12	1.0
482	Guscio	558	559	578	577	12	1.0
483	Guscio	559	560	579	578	12	1.0
484	Guscio	560	561	580	579	12	1.0
485	Guscio	561	562	581	580	12	1.0
486	Guscio	562	563	582	581	12	1.0
487	Guscio	563	564	583	582	12	1.0
488	Guscio	564	565	584	583	12	1.0
489	Guscio	565	566	585	584	12	1.0
490	Guscio	566	567	586	585	12	1.0
491	Guscio	567	568	587	586	12	1.0
492	Guscio	568	569	588	587	12	1.0
493	Guscio	569	570	589	588	12	1.0
494	Guscio	570	571	590	589	12	1.0
495	Guscio	571	572	591	590	12	1.0
496	Guscio	572	150	97	591	12	1.0
497	Guscio	5	573	592	66	12	1.0
498	Guscio	573	574	593	592	12	1.0
499	Guscio	574	575	594	593	12	1.0
500	Guscio	575	576	595	594	12	1.0
501	Guscio	576	577	596	595	12	1.0
502	Guscio	577	578	597	596	12	1.0
503	Guscio	578	579	598	597	12	1.0
504	Guscio	579	580	599	598	12	1.0
505	Guscio	580	581	600	599	12	1.0
506	Guscio	581	582	601	600	12	1.0
507	Guscio	582	583	602	601	12	1.0
508	Guscio	583	584	603	602	12	1.0
509	Guscio	584	585	604	603	12	1.0
510	Guscio	585	586	605	604	12	1.0
511	Guscio	586	587	606	605	12	1.0
512	Guscio	587	588	607	606	12	1.0
513	Guscio	588	589	608	607	12	1.0
514	Guscio	589	590	609	608	12	1.0
515	Guscio	590	591	610	609	12	1.0
516	Guscio	591	97	158	610	12	1.0
517	Guscio	66	592	611	4	12	1.0
518	Guscio	592	593	612	611	12	1.0
519	Guscio	593	594	613	612	12	1.0
520	Guscio	594	595	614	613	12	1.0
521	Guscio	595	596	615	614	12	1.0
522	Guscio	596	597	616	615	12	1.0
523	Guscio	597	598	617	616	12	1.0
524	Guscio	598	599	618	617	12	1.0
525	Guscio	599	600	619	618	12	1.0
526	Guscio	600	601	620	619	12	1.0
527	Guscio	601	602	621	620	12	1.0
528	Guscio	602	603	622	621	12	1.0
529	Guscio	603	604	623	622	12	1.0
530	Guscio	604	605	624	623	12	1.0
531	Guscio	605	606	625	624	12	1.0
532	Guscio	606	607	626	625	12	1.0
533	Guscio	607	608	627	626	12	1.0
534	Guscio	608	609	628	627	12	1.0
535	Guscio	609	610	629	628	12	1.0
536	Guscio	610	158	96	629	12	1.0
537	Guscio	4	611	630	53	12	1.0
538	Guscio	611	612	631	630	12	1.0
539	Guscio	612	613	632	631	12	1.0
540	Guscio	613	614	633	632	12	1.0
541	Guscio	614	615	634	633	12	1.0
542	Guscio	615	616	635	634	12	1.0
543	Guscio	616	617	636	635	12	1.0
544	Guscio	617	618	637	636	12	1.0
545	Guscio	618	619	638	637	12	1.0
546	Guscio	619	620	639	638	12	1.0



547	Guscio	620	621	640	639	12	1.0
548	Guscio	621	622	641	640	12	1.0
549	Guscio	622	623	642	641	12	1.0
550	Guscio	623	624	643	642	12	1.0
551	Guscio	624	625	644	643	12	1.0
552	Guscio	625	626	645	644	12	1.0
553	Guscio	626	627	646	645	12	1.0
554	Guscio	627	628	647	646	12	1.0
555	Guscio	628	629	648	647	12	1.0
556	Guscio	629	96	145	648	12	1.0
557	Guscio	53	630	649	3	12	1.0
558	Guscio	630	631	650	649	12	1.0
559	Guscio	631	632	651	650	12	1.0
560	Guscio	632	633	652	651	12	1.0
561	Guscio	633	634	653	652	12	1.0
562	Guscio	634	635	654	653	12	1.0
563	Guscio	635	636	655	654	12	1.0
564	Guscio	636	637	656	655	12	1.0
565	Guscio	637	638	657	656	12	1.0
566	Guscio	638	639	658	657	12	1.0
567	Guscio	639	640	659	658	12	1.0
568	Guscio	640	641	660	659	12	1.0
569	Guscio	641	642	661	660	12	1.0
570	Guscio	642	643	662	661	12	1.0
571	Guscio	643	644	663	662	12	1.0
572	Guscio	644	645	664	663	12	1.0
573	Guscio	645	646	665	664	12	1.0
574	Guscio	646	647	666	665	12	1.0
575	Guscio	647	648	667	666	12	1.0
576	Guscio	648	145	95	667	12	1.0
577	Guscio	3	649	668	41	12	1.0
578	Guscio	649	650	669	668	12	1.0
579	Guscio	650	651	670	669	12	1.0
580	Guscio	651	652	671	670	12	1.0
581	Guscio	652	653	672	671	12	1.0
582	Guscio	653	654	673	672	12	1.0
583	Guscio	654	655	674	673	12	1.0
584	Guscio	655	656	675	674	12	1.0
585	Guscio	656	657	676	675	12	1.0
586	Guscio	657	658	677	676	12	1.0
587	Guscio	658	659	678	677	12	1.0
588	Guscio	659	660	679	678	12	1.0
589	Guscio	660	661	680	679	12	1.0
590	Guscio	661	662	681	680	12	1.0
591	Guscio	662	663	682	681	12	1.0
592	Guscio	663	664	683	682	12	1.0
593	Guscio	664	665	684	683	12	1.0
594	Guscio	665	666	685	684	12	1.0
595	Guscio	666	667	686	685	12	1.0
596	Guscio	667	95	133	686	12	1.0
597	Guscio	41	668	687	2	12	1.0
598	Guscio	668	669	688	687	12	1.0
599	Guscio	669	670	689	688	12	1.0
600	Guscio	670	671	690	689	12	1.0
601	Guscio	671	672	691	690	12	1.0
602	Guscio	672	673	692	691	12	1.0
603	Guscio	673	674	693	692	12	1.0
604	Guscio	674	675	694	693	12	1.0
605	Guscio	675	676	695	694	12	1.0
606	Guscio	676	677	696	695	12	1.0
607	Guscio	677	678	697	696	12	1.0
608	Guscio	678	679	698	697	12	1.0
609	Guscio	679	680	699	698	12	1.0
610	Guscio	680	681	700	699	12	1.0
611	Guscio	681	682	701	700	12	1.0
612	Guscio	682	683	702	701	12	1.0
613	Guscio	683	684	703	702	12	1.0
614	Guscio	684	685	704	703	12	1.0
615	Guscio	685	686	705	704	12	1.0
616	Guscio	686	133	94	705	12	1.0
617	Setto	2	687	706	90	12	1.0
618	Setto	687	688	707	706	12	1.0
619	Setto	688	689	708	707	12	1.0
620	Setto	689	690	709	708	12	1.0
621	Setto	690	691	710	709	12	1.0
622	Setto	691	692	711	710	12	1.0
623	Setto	692	693	712	711	12	1.0



624	Setto	693	694	713	712	12	1.0
625	Setto	694	695	714	713	12	1.0
626	Setto	695	696	715	714	12	1.0
627	Setto	696	697	716	715	12	1.0
628	Setto	697	698	717	716	12	1.0
629	Setto	698	699	718	717	12	1.0
630	Setto	699	700	719	718	12	1.0
631	Setto	700	701	720	719	12	1.0
632	Setto	701	702	721	720	12	1.0
633	Setto	702	703	722	721	12	1.0
634	Setto	703	704	723	722	12	1.0
635	Setto	704	705	724	723	12	1.0
636	Setto	705	94	134	724	12	1.0
637	Setto	90	706	725	12	12	1.0
638	Setto	706	707	726	725	12	1.0
639	Setto	707	708	727	726	12	1.0
640	Setto	708	709	728	727	12	1.0
641	Setto	709	710	729	728	12	1.0
642	Setto	710	711	730	729	12	1.0
643	Setto	711	712	731	730	12	1.0
644	Setto	712	713	732	731	12	1.0
645	Setto	713	714	733	732	12	1.0
646	Setto	714	715	734	733	12	1.0
647	Setto	715	716	735	734	12	1.0
648	Setto	716	717	736	735	12	1.0
649	Setto	717	718	737	736	12	1.0
650	Setto	718	719	738	737	12	1.0
651	Setto	719	720	739	738	12	1.0
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653	Setto	721	722	741	740	12	1.0
654	Setto	722	723	742	741	12	1.0
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656	Setto	724	134	314	743	12	1.0
657	Setto	743	314	331	744	12	1.0
658	Setto	742	743	744	745	12	1.0
659	Setto	741	742	745	746	12	1.0
660	Setto	740	741	746	747	12	1.0
661	Setto	739	740	747	748	12	1.0
662	Setto	738	739	748	749	12	1.0
663	Setto	737	738	749	750	12	1.0
664	Setto	736	737	750	751	12	1.0
665	Setto	735	736	751	752	12	1.0
666	Setto	734	735	752	753	12	1.0
667	Setto	733	734	753	754	12	1.0
668	Setto	732	733	754	755	12	1.0
669	Setto	731	732	755	756	12	1.0
670	Setto	730	731	756	757	12	1.0
671	Setto	729	730	757	758	12	1.0
672	Setto	728	729	758	759	12	1.0
673	Setto	727	728	759	760	12	1.0
674	Setto	726	727	760	761	12	1.0
675	Setto	725	726	761	762	12	1.0
676	Setto	12	725	762	29	12	1.0
677	Setto	667	95	310	763	12	0.8
678	Setto	666	667	763	764	12	0.8
679	Setto	665	666	764	765	12	0.8
680	Setto	664	665	765	766	12	0.8
681	Setto	663	664	766	767	12	0.8
682	Setto	662	663	767	768	12	0.8
683	Setto	661	662	768	769	12	0.8
684	Setto	660	661	769	770	12	0.8
685	Setto	659	660	770	771	12	0.8
686	Setto	658	659	771	772	12	0.8
687	Setto	657	658	772	773	12	0.8
688	Setto	656	657	773	774	12	0.8
689	Setto	655	656	774	775	12	0.8
690	Setto	654	655	775	776	12	0.8
691	Setto	653	654	776	777	12	0.8
692	Setto	652	653	777	778	12	0.8
693	Setto	651	652	778	779	12	0.8
694	Setto	650	651	779	780	12	0.8
695	Setto	649	650	780	781	12	0.8
696	Setto	3	649	781	56	12	0.8
697	Setto	629	96	147	782	12	0.8
698	Setto	628	629	782	783	12	0.8
699	Setto	627	628	783	784	12	0.8
700	Setto	626	627	784	785	12	0.8



701	Setto	625	626	785	786	12	0.8
702	Setto	624	625	786	787	12	0.8
703	Setto	623	624	787	788	12	0.8
704	Setto	622	623	788	789	12	0.8
705	Setto	621	622	789	790	12	0.8
706	Setto	620	621	790	791	12	0.8
707	Setto	619	620	791	792	12	0.8
708	Setto	618	619	792	793	12	0.8
709	Setto	617	618	793	794	12	0.8
710	Setto	616	617	794	795	12	0.8
711	Setto	615	616	795	796	12	0.8
712	Setto	614	615	796	797	12	0.8
713	Setto	613	614	797	798	12	0.8
714	Setto	612	613	798	799	12	0.8
715	Setto	611	612	799	800	12	0.8
716	Setto	4	611	800	47	12	0.8
717	Setto	591	97	343	801	12	0.8
718	Setto	590	591	801	802	12	0.8
719	Setto	589	590	802	803	12	0.8
720	Setto	588	589	803	804	12	0.8
721	Setto	587	588	804	805	12	0.8
722	Setto	586	587	805	806	12	0.8
723	Setto	585	586	806	807	12	0.8
724	Setto	584	585	807	808	12	0.8
725	Setto	583	584	808	809	12	0.8
726	Setto	582	583	809	810	12	0.8
727	Setto	581	582	810	811	12	0.8
728	Setto	580	581	811	812	12	0.8
729	Setto	579	580	812	813	12	0.8
730	Setto	578	579	813	814	12	0.8
731	Setto	577	578	814	815	12	0.8
732	Setto	576	577	815	816	12	0.8
733	Setto	575	576	816	817	12	0.8
734	Setto	574	575	817	818	12	0.8
735	Setto	573	574	818	819	12	0.8
736	Setto	5	573	819	59	12	0.8
737	Setto	553	98	337	820	12	0.8
738	Setto	552	553	820	821	12	0.8
739	Setto	551	552	821	822	12	0.8
740	Setto	550	551	822	823	12	0.8
741	Setto	549	550	823	824	12	0.8
742	Setto	548	549	824	825	12	0.8
743	Setto	547	548	825	826	12	0.8
744	Setto	546	547	826	827	12	0.8
745	Setto	545	546	827	828	12	0.8
746	Setto	544	545	828	829	12	0.8
747	Setto	543	544	829	830	12	0.8
748	Setto	542	543	830	831	12	0.8
749	Setto	541	542	831	832	12	0.8
750	Setto	540	541	832	833	12	0.8
751	Setto	539	540	833	834	12	0.8
752	Setto	538	539	834	835	12	0.8
753	Setto	537	538	835	836	12	0.8
754	Setto	536	537	836	837	12	0.8
755	Setto	535	536	837	838	12	0.8
756	Setto	6	535	838	46	12	0.8
757	Setto	515	99	115	839	12	0.8
758	Setto	514	515	839	840	12	0.8
759	Setto	513	514	840	841	12	0.8
760	Setto	512	513	841	842	12	0.8
761	Setto	511	512	842	843	12	0.8
762	Setto	510	511	843	844	12	0.8
763	Setto	509	510	844	845	12	0.8
764	Setto	508	509	845	846	12	0.8
765	Setto	507	508	846	847	12	0.8
766	Setto	506	507	847	848	12	0.8
767	Setto	505	506	848	849	12	0.8
768	Setto	504	505	849	850	12	0.8
769	Setto	503	504	850	851	12	0.8
770	Setto	502	503	851	852	12	0.8
771	Setto	501	502	852	853	12	0.8
772	Setto	500	501	853	854	12	0.8
773	Setto	499	500	854	855	12	0.8
774	Setto	498	499	855	856	12	0.8
775	Setto	497	498	856	857	12	0.8
776	Setto	7	497	857	73	12	0.8
777	Setto	477	100	110	858	12	0.8



778	Setto	476	477	858	859	12	0.8
779	Setto	475	476	859	860	12	0.8
780	Setto	474	475	860	861	12	0.8
781	Setto	473	474	861	862	12	0.8
782	Setto	472	473	862	863	12	0.8
783	Setto	471	472	863	864	12	0.8
784	Setto	470	471	864	865	12	0.8
785	Setto	469	470	865	866	12	0.8
786	Setto	468	469	866	867	12	0.8
787	Setto	467	468	867	868	12	0.8
788	Setto	466	467	868	869	12	0.8
789	Setto	465	466	869	870	12	0.8
790	Setto	464	465	870	871	12	0.8
791	Setto	463	464	871	872	12	0.8
792	Setto	462	463	872	873	12	0.8
793	Setto	461	462	873	874	12	0.8
794	Setto	460	461	874	875	12	0.8
795	Setto	459	460	875	876	12	0.8
796	Setto	8	459	876	68	12	0.8
797	Setto	421	101	129	877	12	0.8
798	Setto	422	421	877	878	12	0.8
799	Setto	423	422	878	879	12	0.8
800	Setto	424	423	879	880	12	0.8
801	Setto	425	424	880	881	12	0.8
802	Setto	426	425	881	882	12	0.8
803	Setto	427	426	882	883	12	0.8
804	Setto	428	427	883	884	12	0.8
805	Setto	429	428	884	885	12	0.8
806	Setto	430	429	885	886	12	0.8
807	Setto	431	430	886	887	12	0.8
808	Setto	432	431	887	888	12	0.8
809	Setto	433	432	888	889	12	0.8
810	Setto	434	433	889	890	12	0.8
811	Setto	435	434	890	891	12	0.8
812	Setto	436	435	891	892	12	0.8
813	Setto	437	436	892	893	12	0.8
814	Setto	438	437	893	894	12	0.8
815	Setto	439	438	894	895	12	0.8
816	Setto	9	439	895	86	12	0.8
817	Setto	401	102	126	896	12	0.8
818	Setto	400	401	896	897	12	0.8
819	Setto	399	400	897	898	12	0.8
820	Setto	398	399	898	899	12	0.8
821	Setto	397	398	899	900	12	0.8
822	Setto	396	397	900	901	12	0.8
823	Setto	395	396	901	902	12	0.8
824	Setto	394	395	902	903	12	0.8
825	Setto	393	394	903	904	12	0.8
826	Setto	392	393	904	905	12	0.8
827	Setto	391	392	905	906	12	0.8
828	Setto	390	391	906	907	12	0.8
829	Setto	389	390	907	908	12	0.8
830	Setto	388	389	908	909	12	0.8
831	Setto	387	388	909	910	12	0.8
832	Setto	386	387	910	911	12	0.8
833	Setto	385	386	911	912	12	0.8
834	Setto	384	385	912	913	12	0.8
835	Setto	383	384	913	914	12	0.8
836	Setto	10	383	914	84	12	0.8
837	Guscio	93	1018	1017	127	12	1.0
838	Guscio	1018	1020	1019	1017	12	1.0
839	Guscio	1020	1022	1021	1019	12	1.0
840	Guscio	1022	1024	1023	1021	12	1.0
841	Guscio	1024	1026	1025	1023	12	1.0
842	Guscio	1026	1028	1027	1025	12	1.0
843	Guscio	1028	1030	1029	1027	12	1.0
844	Guscio	1030	1032	1031	1029	12	1.0
845	Guscio	1032	1034	1033	1031	12	1.0
846	Guscio	1034	1036	1035	1033	12	1.0
847	Guscio	1036	1038	1037	1035	12	1.0
848	Guscio	1038	1040	1039	1037	12	1.0
849	Guscio	1040	1042	1041	1039	12	1.0
850	Guscio	1042	1044	1043	1041	12	1.0
851	Guscio	1044	1046	1045	1043	12	1.0
852	Guscio	1046	1048	1047	1045	12	1.0
853	Guscio	1048	1050	1049	1047	12	1.0
854	Guscio	1050	1052	1051	1049	12	1.0



855	Guscio	1052	1054	1053	1051	12	1.0
856	Guscio	1054	191	225	1053	12	1.0
857	Guscio	127	1017	1055	102	12	1.0
858	Guscio	1017	1019	1056	1055	12	1.0
859	Guscio	1019	1021	1057	1056	12	1.0
860	Guscio	1021	1023	1058	1057	12	1.0
861	Guscio	1023	1025	1059	1058	12	1.0
862	Guscio	1025	1027	1060	1059	12	1.0
863	Guscio	1027	1029	1061	1060	12	1.0
864	Guscio	1029	1031	1062	1061	12	1.0
865	Guscio	1031	1033	1063	1062	12	1.0
866	Guscio	1033	1035	1064	1063	12	1.0
867	Guscio	1035	1037	1065	1064	12	1.0
868	Guscio	1037	1039	1066	1065	12	1.0
869	Guscio	1039	1041	1067	1066	12	1.0
870	Guscio	1041	1043	1068	1067	12	1.0
871	Guscio	1043	1045	1069	1068	12	1.0
872	Guscio	1045	1047	1070	1069	12	1.0
873	Guscio	1047	1049	1071	1070	12	1.0
874	Guscio	1049	1051	1072	1071	12	1.0
875	Guscio	1051	1053	1073	1072	12	1.0
876	Guscio	1053	225	200	1073	12	1.0
877	Guscio	1073	200	275	1074	12	1.0
878	Guscio	1072	1073	1074	1075	12	1.0
879	Guscio	1071	1072	1075	1076	12	1.0
880	Guscio	1070	1071	1076	1077	12	1.0
881	Guscio	1069	1070	1077	1078	12	1.0
882	Guscio	1068	1069	1078	1079	12	1.0
883	Guscio	1067	1068	1079	1080	12	1.0
884	Guscio	1066	1067	1080	1081	12	1.0
885	Guscio	1065	1066	1081	1082	12	1.0
886	Guscio	1064	1065	1082	1083	12	1.0
887	Guscio	1063	1064	1083	1084	12	1.0
888	Guscio	1062	1063	1084	1085	12	1.0
889	Guscio	1061	1062	1085	1086	12	1.0
890	Guscio	1060	1061	1086	1087	12	1.0
891	Guscio	1059	1060	1087	1088	12	1.0
892	Guscio	1058	1059	1088	1089	12	1.0
893	Guscio	1057	1058	1089	1090	12	1.0
894	Guscio	1056	1057	1090	1091	12	1.0
895	Guscio	1055	1056	1091	1092	12	1.0
896	Guscio	102	1055	1092	177	12	1.0
897	Guscio	1074	275	199	1093	12	1.0
898	Guscio	1075	1074	1093	1094	12	1.0
899	Guscio	1076	1075	1094	1095	12	1.0
900	Guscio	1077	1076	1095	1096	12	1.0
901	Guscio	1078	1077	1096	1097	12	1.0
902	Guscio	1079	1078	1097	1098	12	1.0
903	Guscio	1080	1079	1098	1099	12	1.0
904	Guscio	1081	1080	1099	1100	12	1.0
905	Guscio	1082	1081	1100	1101	12	1.0
906	Guscio	1083	1082	1101	1102	12	1.0
907	Guscio	1084	1083	1102	1103	12	1.0
908	Guscio	1085	1084	1103	1104	12	1.0
909	Guscio	1086	1085	1104	1105	12	1.0
910	Guscio	1087	1086	1105	1106	12	1.0
911	Guscio	1088	1087	1106	1107	12	1.0
912	Guscio	1089	1088	1107	1108	12	1.0
913	Guscio	1090	1089	1108	1109	12	1.0
914	Guscio	1091	1090	1109	1110	12	1.0
915	Guscio	1092	1091	1110	1111	12	1.0
916	Guscio	177	1092	1111	101	12	1.0
917	Guscio	101	1111	1112	159	12	1.0
918	Guscio	1111	1110	1113	1112	12	1.0
919	Guscio	1110	1109	1114	1113	12	1.0
920	Guscio	1109	1108	1115	1114	12	1.0
921	Guscio	1108	1107	1116	1115	12	1.0
922	Guscio	1107	1106	1117	1116	12	1.0
923	Guscio	1106	1105	1118	1117	12	1.0
924	Guscio	1105	1104	1119	1118	12	1.0
925	Guscio	1104	1103	1120	1119	12	1.0
926	Guscio	1103	1102	1121	1120	12	1.0
927	Guscio	1102	1101	1122	1121	12	1.0
928	Guscio	1101	1100	1123	1122	12	1.0
929	Guscio	1100	1099	1124	1123	12	1.0
930	Guscio	1099	1098	1125	1124	12	1.0
931	Guscio	1098	1097	1126	1125	12	1.0



932	Guscio	1097	1096	1127	1126	12	1.0
933	Guscio	1096	1095	1128	1127	12	1.0
934	Guscio	1095	1094	1129	1128	12	1.0
935	Guscio	1094	1093	1130	1129	12	1.0
936	Guscio	1093	199	257	1130	12	1.0
937	Guscio	159	1112	1131	100	12	1.0
938	Guscio	1112	1113	1132	1131	12	1.0
939	Guscio	1113	1114	1133	1132	12	1.0
940	Guscio	1114	1115	1134	1133	12	1.0
941	Guscio	1115	1116	1135	1134	12	1.0
942	Guscio	1116	1117	1136	1135	12	1.0
943	Guscio	1117	1118	1137	1136	12	1.0
944	Guscio	1118	1119	1138	1137	12	1.0
945	Guscio	1119	1120	1139	1138	12	1.0
946	Guscio	1120	1121	1140	1139	12	1.0
947	Guscio	1121	1122	1141	1140	12	1.0
948	Guscio	1122	1123	1142	1141	12	1.0
949	Guscio	1123	1124	1143	1142	12	1.0
950	Guscio	1124	1125	1144	1143	12	1.0
951	Guscio	1125	1126	1145	1144	12	1.0
952	Guscio	1126	1127	1146	1145	12	1.0
953	Guscio	1127	1128	1147	1146	12	1.0
954	Guscio	1128	1129	1148	1147	12	1.0
955	Guscio	1129	1130	1149	1148	12	1.0
956	Guscio	1130	257	198	1149	12	1.0
957	Guscio	100	1131	1150	164	12	1.0
958	Guscio	1131	1132	1151	1150	12	1.0
959	Guscio	1132	1133	1152	1151	12	1.0
960	Guscio	1133	1134	1153	1152	12	1.0
961	Guscio	1134	1135	1154	1153	12	1.0
962	Guscio	1135	1136	1155	1154	12	1.0
963	Guscio	1136	1137	1156	1155	12	1.0
964	Guscio	1137	1138	1157	1156	12	1.0
965	Guscio	1138	1139	1158	1157	12	1.0
966	Guscio	1139	1140	1159	1158	12	1.0
967	Guscio	1140	1141	1160	1159	12	1.0
968	Guscio	1141	1142	1161	1160	12	1.0
969	Guscio	1142	1143	1162	1161	12	1.0
970	Guscio	1143	1144	1163	1162	12	1.0
971	Guscio	1144	1145	1164	1163	12	1.0
972	Guscio	1145	1146	1165	1164	12	1.0
973	Guscio	1146	1147	1166	1165	12	1.0
974	Guscio	1147	1148	1167	1166	12	1.0
975	Guscio	1148	1149	1168	1167	12	1.0
976	Guscio	1149	198	262	1168	12	1.0
977	Guscio	164	1150	1169	99	12	1.0
978	Guscio	1150	1151	1170	1169	12	1.0
979	Guscio	1151	1152	1171	1170	12	1.0
980	Guscio	1152	1153	1172	1171	12	1.0
981	Guscio	1153	1154	1173	1172	12	1.0
982	Guscio	1154	1155	1174	1173	12	1.0
983	Guscio	1155	1156	1175	1174	12	1.0
984	Guscio	1156	1157	1176	1175	12	1.0
985	Guscio	1157	1158	1177	1176	12	1.0
986	Guscio	1158	1159	1178	1177	12	1.0
987	Guscio	1159	1160	1179	1178	12	1.0
988	Guscio	1160	1161	1180	1179	12	1.0
989	Guscio	1161	1162	1181	1180	12	1.0
990	Guscio	1162	1163	1182	1181	12	1.0
991	Guscio	1163	1164	1183	1182	12	1.0
992	Guscio	1164	1165	1184	1183	12	1.0
993	Guscio	1165	1166	1185	1184	12	1.0
994	Guscio	1166	1167	1186	1185	12	1.0
995	Guscio	1167	1168	1187	1186	12	1.0
996	Guscio	1168	262	197	1187	12	1.0
997	Guscio	99	1169	1188	136	12	1.0
998	Guscio	1169	1170	1189	1188	12	1.0
999	Guscio	1170	1171	1190	1189	12	1.0
1000	Guscio	1171	1172	1191	1190	12	1.0
1001	Guscio	1172	1173	1192	1191	12	1.0
1002	Guscio	1173	1174	1193	1192	12	1.0
1003	Guscio	1174	1175	1194	1193	12	1.0
1004	Guscio	1175	1176	1195	1194	12	1.0
1005	Guscio	1176	1177	1196	1195	12	1.0
1006	Guscio	1177	1178	1197	1196	12	1.0
1007	Guscio	1178	1179	1198	1197	12	1.0
1008	Guscio	1179	1180	1199	1198	12	1.0



1009	Guscio	1180	1181	1200	1199	12	1.0
1010	Guscio	1181	1182	1201	1200	12	1.0
1011	Guscio	1182	1183	1202	1201	12	1.0
1012	Guscio	1183	1184	1203	1202	12	1.0
1013	Guscio	1184	1185	1204	1203	12	1.0
1014	Guscio	1185	1186	1205	1204	12	1.0
1015	Guscio	1186	1187	1206	1205	12	1.0
1016	Guscio	1187	197	234	1206	12	1.0
1017	Guscio	136	1188	1207	98	12	1.0
1018	Guscio	1188	1189	1208	1207	12	1.0
1019	Guscio	1189	1190	1209	1208	12	1.0
1020	Guscio	1190	1191	1210	1209	12	1.0
1021	Guscio	1191	1192	1211	1210	12	1.0
1022	Guscio	1192	1193	1212	1211	12	1.0
1023	Guscio	1193	1194	1213	1212	12	1.0
1024	Guscio	1194	1195	1214	1213	12	1.0
1025	Guscio	1195	1196	1215	1214	12	1.0
1026	Guscio	1196	1197	1216	1215	12	1.0
1027	Guscio	1197	1198	1217	1216	12	1.0
1028	Guscio	1198	1199	1218	1217	12	1.0
1029	Guscio	1199	1200	1219	1218	12	1.0
1030	Guscio	1200	1201	1220	1219	12	1.0
1031	Guscio	1201	1202	1221	1220	12	1.0
1032	Guscio	1202	1203	1222	1221	12	1.0
1033	Guscio	1203	1204	1223	1222	12	1.0
1034	Guscio	1204	1205	1224	1223	12	1.0
1035	Guscio	1205	1206	1225	1224	12	1.0
1036	Guscio	1206	234	196	1225	12	1.0
1037	Guscio	98	1207	1226	150	12	1.0
1038	Guscio	1207	1208	1227	1226	12	1.0
1039	Guscio	1208	1209	1228	1227	12	1.0
1040	Guscio	1209	1210	1229	1228	12	1.0
1041	Guscio	1210	1211	1230	1229	12	1.0
1042	Guscio	1211	1212	1231	1230	12	1.0
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1044	Guscio	1213	1214	1233	1232	12	1.0
1045	Guscio	1214	1215	1234	1233	12	1.0
1046	Guscio	1215	1216	1235	1234	12	1.0
1047	Guscio	1216	1217	1236	1235	12	1.0
1048	Guscio	1217	1218	1237	1236	12	1.0
1049	Guscio	1218	1219	1238	1237	12	1.0
1050	Guscio	1219	1220	1239	1238	12	1.0
1051	Guscio	1220	1221	1240	1239	12	1.0
1052	Guscio	1221	1222	1241	1240	12	1.0
1053	Guscio	1222	1223	1242	1241	12	1.0
1054	Guscio	1223	1224	1243	1242	12	1.0
1055	Guscio	1224	1225	1244	1243	12	1.0
1056	Guscio	1225	196	248	1244	12	1.0
1057	Guscio	150	1226	1245	97	12	1.0
1058	Guscio	1226	1227	1246	1245	12	1.0
1059	Guscio	1227	1228	1247	1246	12	1.0
1060	Guscio	1228	1229	1248	1247	12	1.0
1061	Guscio	1229	1230	1249	1248	12	1.0
1062	Guscio	1230	1231	1250	1249	12	1.0
1063	Guscio	1231	1232	1251	1250	12	1.0
1064	Guscio	1232	1233	1252	1251	12	1.0
1065	Guscio	1233	1234	1253	1252	12	1.0
1066	Guscio	1234	1235	1254	1253	12	1.0
1067	Guscio	1235	1236	1255	1254	12	1.0
1068	Guscio	1236	1237	1256	1255	12	1.0
1069	Guscio	1237	1238	1257	1256	12	1.0
1070	Guscio	1238	1239	1258	1257	12	1.0
1071	Guscio	1239	1240	1259	1258	12	1.0
1072	Guscio	1240	1241	1260	1259	12	1.0
1073	Guscio	1241	1242	1261	1260	12	1.0
1074	Guscio	1242	1243	1262	1261	12	1.0
1075	Guscio	1243	1244	1263	1262	12	1.0
1076	Guscio	1244	248	195	1263	12	1.0
1077	Guscio	97	1245	1264	158	12	1.0
1078	Guscio	1245	1246	1265	1264	12	1.0
1079	Guscio	1246	1247	1266	1265	12	1.0
1080	Guscio	1247	1248	1267	1266	12	1.0
1081	Guscio	1248	1249	1268	1267	12	1.0
1082	Guscio	1249	1250	1269	1268	12	1.0
1083	Guscio	1250	1251	1270	1269	12	1.0
1084	Guscio	1251	1252	1271	1270	12	1.0
1085	Guscio	1252	1253	1272	1271	12	1.0



1086	Guscio	1253	1254	1273	1272	12	1.0
1087	Guscio	1254	1255	1274	1273	12	1.0
1088	Guscio	1255	1256	1275	1274	12	1.0
1089	Guscio	1256	1257	1276	1275	12	1.0
1090	Guscio	1257	1258	1277	1276	12	1.0
1091	Guscio	1258	1259	1278	1277	12	1.0
1092	Guscio	1259	1260	1279	1278	12	1.0
1093	Guscio	1260	1261	1280	1279	12	1.0
1094	Guscio	1261	1262	1281	1280	12	1.0
1095	Guscio	1262	1263	1282	1281	12	1.0
1096	Guscio	1263	195	256	1282	12	1.0
1097	Guscio	158	1264	1283	96	12	1.0
1098	Guscio	1264	1265	1284	1283	12	1.0
1099	Guscio	1265	1266	1285	1284	12	1.0
1100	Guscio	1266	1267	1286	1285	12	1.0
1101	Guscio	1267	1268	1287	1286	12	1.0
1102	Guscio	1268	1269	1288	1287	12	1.0
1103	Guscio	1269	1270	1289	1288	12	1.0
1104	Guscio	1270	1271	1290	1289	12	1.0
1105	Guscio	1271	1272	1291	1290	12	1.0
1106	Guscio	1272	1273	1292	1291	12	1.0
1107	Guscio	1273	1274	1293	1292	12	1.0
1108	Guscio	1274	1275	1294	1293	12	1.0
1109	Guscio	1275	1276	1295	1294	12	1.0
1110	Guscio	1276	1277	1296	1295	12	1.0
1111	Guscio	1277	1278	1297	1296	12	1.0
1112	Guscio	1278	1279	1298	1297	12	1.0
1113	Guscio	1279	1280	1299	1298	12	1.0
1114	Guscio	1280	1281	1300	1299	12	1.0
1115	Guscio	1281	1282	1301	1300	12	1.0
1116	Guscio	1282	256	194	1301	12	1.0
1117	Guscio	96	1283	1302	145	12	1.0
1118	Guscio	1283	1284	1303	1302	12	1.0
1119	Guscio	1284	1285	1304	1303	12	1.0
1120	Guscio	1285	1286	1305	1304	12	1.0
1121	Guscio	1286	1287	1306	1305	12	1.0
1122	Guscio	1287	1288	1307	1306	12	1.0
1123	Guscio	1288	1289	1308	1307	12	1.0
1124	Guscio	1289	1290	1309	1308	12	1.0
1125	Guscio	1290	1291	1310	1309	12	1.0
1126	Guscio	1291	1292	1311	1310	12	1.0
1127	Guscio	1292	1293	1312	1311	12	1.0
1128	Guscio	1293	1294	1313	1312	12	1.0
1129	Guscio	1294	1295	1314	1313	12	1.0
1130	Guscio	1295	1296	1315	1314	12	1.0
1131	Guscio	1296	1297	1316	1315	12	1.0
1132	Guscio	1297	1298	1317	1316	12	1.0
1133	Guscio	1298	1299	1318	1317	12	1.0
1134	Guscio	1299	1300	1319	1318	12	1.0
1135	Guscio	1300	1301	1320	1319	12	1.0
1136	Guscio	1301	194	243	1320	12	1.0
1137	Guscio	145	1302	1321	95	12	1.0
1138	Guscio	1302	1303	1322	1321	12	1.0
1139	Guscio	1303	1304	1323	1322	12	1.0
1140	Guscio	1304	1305	1324	1323	12	1.0
1141	Guscio	1305	1306	1325	1324	12	1.0
1142	Guscio	1306	1307	1326	1325	12	1.0
1143	Guscio	1307	1308	1327	1326	12	1.0
1144	Guscio	1308	1309	1328	1327	12	1.0
1145	Guscio	1309	1310	1329	1328	12	1.0
1146	Guscio	1310	1311	1330	1329	12	1.0
1147	Guscio	1311	1312	1331	1330	12	1.0
1148	Guscio	1312	1313	1332	1331	12	1.0
1149	Guscio	1313	1314	1333	1332	12	1.0
1150	Guscio	1314	1315	1334	1333	12	1.0
1151	Guscio	1315	1316	1335	1334	12	1.0
1152	Guscio	1316	1317	1336	1335	12	1.0
1153	Guscio	1317	1318	1337	1336	12	1.0
1154	Guscio	1318	1319	1338	1337	12	1.0
1155	Guscio	1319	1320	1339	1338	12	1.0
1156	Guscio	1320	243	193	1339	12	1.0
1157	Guscio	95	1321	1340	133	12	1.0
1158	Guscio	1321	1322	1341	1340	12	1.0
1159	Guscio	1322	1323	1342	1341	12	1.0
1160	Guscio	1323	1324	1343	1342	12	1.0
1161	Guscio	1324	1325	1344	1343	12	1.0
1162	Guscio	1325	1326	1345	1344	12	1.0



1163	Guscio	1326	1327	1346	1345	12	1.0
1164	Guscio	1327	1328	1347	1346	12	1.0
1165	Guscio	1328	1329	1348	1347	12	1.0
1166	Guscio	1329	1330	1349	1348	12	1.0
1167	Guscio	1330	1331	1350	1349	12	1.0
1168	Guscio	1331	1332	1351	1350	12	1.0
1169	Guscio	1332	1333	1352	1351	12	1.0
1170	Guscio	1333	1334	1353	1352	12	1.0
1171	Guscio	1334	1335	1354	1353	12	1.0
1172	Guscio	1335	1336	1355	1354	12	1.0
1173	Guscio	1336	1337	1356	1355	12	1.0
1174	Guscio	1337	1338	1357	1356	12	1.0
1175	Guscio	1338	1339	1358	1357	12	1.0
1176	Guscio	1339	193	231	1358	12	1.0
1177	Guscio	133	1340	1359	94	12	1.0
1178	Guscio	1340	1341	1360	1359	12	1.0
1179	Guscio	1341	1342	1361	1360	12	1.0
1180	Guscio	1342	1343	1362	1361	12	1.0
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1183	Guscio	1345	1346	1365	1364	12	1.0
1184	Guscio	1346	1347	1366	1365	12	1.0
1185	Guscio	1347	1348	1367	1366	12	1.0
1186	Guscio	1348	1349	1368	1367	12	1.0
1187	Guscio	1349	1350	1369	1368	12	1.0
1188	Guscio	1350	1351	1370	1369	12	1.0
1189	Guscio	1351	1352	1371	1370	12	1.0
1190	Guscio	1352	1353	1372	1371	12	1.0
1191	Guscio	1353	1354	1373	1372	12	1.0
1192	Guscio	1354	1355	1374	1373	12	1.0
1193	Guscio	1355	1356	1375	1374	12	1.0
1194	Guscio	1356	1357	1376	1375	12	1.0
1195	Guscio	1357	1358	1377	1376	12	1.0
1196	Guscio	1358	231	192	1377	12	1.0
1197	Setto	94	1359	1378	134	12	1.0
1198	Setto	1359	1360	1379	1378	12	1.0
1199	Setto	1360	1361	1380	1379	12	1.0
1200	Setto	1361	1362	1381	1380	12	1.0
1201	Setto	1362	1363	1382	1381	12	1.0
1202	Setto	1363	1364	1383	1382	12	1.0
1203	Setto	1364	1365	1384	1383	12	1.0
1204	Setto	1365	1366	1385	1384	12	1.0
1205	Setto	1366	1367	1386	1385	12	1.0
1206	Setto	1367	1368	1387	1386	12	1.0
1207	Setto	1368	1369	1388	1387	12	1.0
1208	Setto	1369	1370	1389	1388	12	1.0
1209	Setto	1370	1371	1390	1389	12	1.0
1210	Setto	1371	1372	1391	1390	12	1.0
1211	Setto	1372	1373	1392	1391	12	1.0
1212	Setto	1373	1374	1393	1392	12	1.0
1213	Setto	1374	1375	1394	1393	12	1.0
1214	Setto	1375	1376	1395	1394	12	1.0
1215	Setto	1376	1377	1396	1395	12	1.0
1216	Setto	1377	192	280	1396	12	1.0
1217	Setto	134	1378	1397	314	12	1.0
1218	Setto	1378	1379	1398	1397	12	1.0
1219	Setto	1379	1380	1399	1398	12	1.0
1220	Setto	1380	1381	1400	1399	12	1.0
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1222	Setto	1382	1383	1402	1401	12	1.0
1223	Setto	1383	1384	1403	1402	12	1.0
1224	Setto	1384	1385	1404	1403	12	1.0
1225	Setto	1385	1386	1405	1404	12	1.0
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1228	Setto	1388	1389	1408	1407	12	1.0
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1231	Setto	1391	1392	1411	1410	12	1.0
1232	Setto	1392	1393	1412	1411	12	1.0
1233	Setto	1393	1394	1413	1412	12	1.0
1234	Setto	1394	1395	1414	1413	12	1.0
1235	Setto	1395	1396	1415	1414	12	1.0
1236	Setto	1396	280	202	1415	12	1.0
1237	Setto	1415	202	219	1416	12	1.0
1238	Setto	1414	1415	1416	1417	12	1.0
1239	Setto	1413	1414	1417	1418	12	1.0



1240	Setto	1412	1413	1418	1419	12	1.0
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1242	Setto	1410	1411	1420	1421	12	1.0
1243	Setto	1409	1410	1421	1422	12	1.0
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1245	Setto	1407	1408	1423	1424	12	1.0
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1249	Setto	1403	1404	1427	1428	12	1.0
1250	Setto	1402	1403	1428	1429	12	1.0
1251	Setto	1401	1402	1429	1430	12	1.0
1252	Setto	1400	1401	1430	1431	12	1.0
1253	Setto	1399	1400	1431	1432	12	1.0
1254	Setto	1398	1399	1432	1433	12	1.0
1255	Setto	1397	1398	1433	1434	12	1.0
1256	Setto	314	1397	1434	331	12	1.0
1257	Setto	1339	193	246	1435	12	0.8
1258	Setto	1338	1339	1435	1436	12	0.8
1259	Setto	1337	1338	1436	1437	12	0.8
1260	Setto	1336	1337	1437	1438	12	0.8
1261	Setto	1335	1336	1438	1439	12	0.8
1262	Setto	1334	1335	1439	1440	12	0.8
1263	Setto	1333	1334	1440	1441	12	0.8
1264	Setto	1332	1333	1441	1442	12	0.8
1265	Setto	1331	1332	1442	1443	12	0.8
1266	Setto	1330	1331	1443	1444	12	0.8
1267	Setto	1329	1330	1444	1445	12	0.8
1268	Setto	1328	1329	1445	1446	12	0.8
1269	Setto	1327	1328	1446	1447	12	0.8
1270	Setto	1326	1327	1447	1448	12	0.8
1271	Setto	1325	1326	1448	1449	12	0.8
1272	Setto	1324	1325	1449	1450	12	0.8
1273	Setto	1323	1324	1450	1451	12	0.8
1274	Setto	1322	1323	1451	1452	12	0.8
1275	Setto	1321	1322	1452	1453	12	0.8
1276	Setto	95	1321	1453	310	12	0.8
1277	Setto	1301	194	237	1454	12	0.8
1278	Setto	1300	1301	1454	1455	12	0.8
1279	Setto	1299	1300	1455	1456	12	0.8
1280	Setto	1298	1299	1456	1457	12	0.8
1281	Setto	1297	1298	1457	1458	12	0.8
1282	Setto	1296	1297	1458	1459	12	0.8
1283	Setto	1295	1296	1459	1460	12	0.8
1284	Setto	1294	1295	1460	1461	12	0.8
1285	Setto	1293	1294	1461	1462	12	0.8
1286	Setto	1292	1293	1462	1463	12	0.8
1287	Setto	1291	1292	1463	1464	12	0.8
1288	Setto	1290	1291	1464	1465	12	0.8
1289	Setto	1289	1290	1465	1466	12	0.8
1290	Setto	1288	1289	1466	1467	12	0.8
1291	Setto	1287	1288	1467	1468	12	0.8
1292	Setto	1286	1287	1468	1469	12	0.8
1293	Setto	1285	1286	1469	1470	12	0.8
1294	Setto	1284	1285	1470	1471	12	0.8
1295	Setto	1283	1284	1471	1472	12	0.8
1296	Setto	96	1283	1472	147	12	0.8
1297	Setto	1263	195	249	1473	12	0.8
1298	Setto	1262	1263	1473	1474	12	0.8
1299	Setto	1261	1262	1474	1475	12	0.8
1300	Setto	1260	1261	1475	1476	12	0.8
1301	Setto	1259	1260	1476	1477	12	0.8
1302	Setto	1258	1259	1477	1478	12	0.8
1303	Setto	1257	1258	1478	1479	12	0.8
1304	Setto	1256	1257	1479	1480	12	0.8
1305	Setto	1255	1256	1480	1481	12	0.8
1306	Setto	1254	1255	1481	1482	12	0.8
1307	Setto	1253	1254	1482	1483	12	0.8
1308	Setto	1252	1253	1483	1484	12	0.8
1309	Setto	1251	1252	1484	1485	12	0.8
1310	Setto	1250	1251	1485	1486	12	0.8
1311	Setto	1249	1250	1486	1487	12	0.8
1312	Setto	1248	1249	1487	1488	12	0.8
1313	Setto	1247	1248	1488	1489	12	0.8
1314	Setto	1246	1247	1489	1490	12	0.8
1315	Setto	1245	1246	1490	1491	12	0.8
1316	Setto	97	1245	1491	343	12	0.8



1317	Setto	1225	196	236	1492	12	0.8
1318	Setto	1224	1225	1492	1493	12	0.8
1319	Setto	1223	1224	1493	1494	12	0.8
1320	Setto	1222	1223	1494	1495	12	0.8
1321	Setto	1221	1222	1495	1496	12	0.8
1322	Setto	1220	1221	1496	1497	12	0.8
1323	Setto	1219	1220	1497	1498	12	0.8
1324	Setto	1218	1219	1498	1499	12	0.8
1325	Setto	1217	1218	1499	1500	12	0.8
1326	Setto	1216	1217	1500	1501	12	0.8
1327	Setto	1215	1216	1501	1502	12	0.8
1328	Setto	1214	1215	1502	1503	12	0.8
1329	Setto	1213	1214	1503	1504	12	0.8
1330	Setto	1212	1213	1504	1505	12	0.8
1331	Setto	1211	1212	1505	1506	12	0.8
1332	Setto	1210	1211	1506	1507	12	0.8
1333	Setto	1209	1210	1507	1508	12	0.8
1334	Setto	1208	1209	1508	1509	12	0.8
1335	Setto	1207	1208	1509	1510	12	0.8
1336	Setto	98	1207	1510	337	12	0.8
1337	Setto	1187	197	263	1511	12	0.8
1338	Setto	1186	1187	1511	1512	12	0.8
1339	Setto	1185	1186	1512	1513	12	0.8
1340	Setto	1184	1185	1513	1514	12	0.8
1341	Setto	1183	1184	1514	1515	12	0.8
1342	Setto	1182	1183	1515	1516	12	0.8
1343	Setto	1181	1182	1516	1517	12	0.8
1344	Setto	1180	1181	1517	1518	12	0.8
1345	Setto	1179	1180	1518	1519	12	0.8
1346	Setto	1178	1179	1519	1520	12	0.8
1347	Setto	1177	1178	1520	1521	12	0.8
1348	Setto	1176	1177	1521	1522	12	0.8
1349	Setto	1175	1176	1522	1523	12	0.8
1350	Setto	1174	1175	1523	1524	12	0.8
1351	Setto	1173	1174	1524	1525	12	0.8
1352	Setto	1172	1173	1525	1526	12	0.8
1353	Setto	1171	1172	1526	1527	12	0.8
1354	Setto	1170	1171	1527	1528	12	0.8
1355	Setto	1169	1170	1528	1529	12	0.8
1356	Setto	99	1169	1529	115	12	0.8
1357	Setto	1149	198	258	1530	12	0.8
1358	Setto	1148	1149	1530	1531	12	0.8
1359	Setto	1147	1148	1531	1532	12	0.8
1360	Setto	1146	1147	1532	1533	12	0.8
1361	Setto	1145	1146	1533	1534	12	0.8
1362	Setto	1144	1145	1534	1535	12	0.8
1363	Setto	1143	1144	1535	1536	12	0.8
1364	Setto	1142	1143	1536	1537	12	0.8
1365	Setto	1141	1142	1537	1538	12	0.8
1366	Setto	1140	1141	1538	1539	12	0.8
1367	Setto	1139	1140	1539	1540	12	0.8
1368	Setto	1138	1139	1540	1541	12	0.8
1369	Setto	1137	1138	1541	1542	12	0.8
1370	Setto	1136	1137	1542	1543	12	0.8
1371	Setto	1135	1136	1543	1544	12	0.8
1372	Setto	1134	1135	1544	1545	12	0.8
1373	Setto	1133	1134	1545	1546	12	0.8
1374	Setto	1132	1133	1546	1547	12	0.8
1375	Setto	1131	1132	1547	1548	12	0.8
1376	Setto	100	1131	1548	110	12	0.8
1377	Setto	1093	199	276	1549	12	0.8
1378	Setto	1094	1093	1549	1550	12	0.8
1379	Setto	1095	1094	1550	1551	12	0.8
1380	Setto	1096	1095	1551	1552	12	0.8
1381	Setto	1097	1096	1552	1553	12	0.8
1382	Setto	1098	1097	1553	1554	12	0.8
1383	Setto	1099	1098	1554	1555	12	0.8
1384	Setto	1100	1099	1555	1556	12	0.8
1385	Setto	1101	1100	1556	1557	12	0.8
1386	Setto	1102	1101	1557	1558	12	0.8
1387	Setto	1103	1102	1558	1559	12	0.8
1388	Setto	1104	1103	1559	1560	12	0.8
1389	Setto	1105	1104	1560	1561	12	0.8
1390	Setto	1106	1105	1561	1562	12	0.8
1391	Setto	1107	1106	1562	1563	12	0.8
1392	Setto	1108	1107	1563	1564	12	0.8
1393	Setto	1109	1108	1564	1565	12	0.8



1394	Setto	1110	1109	1565	1566	12	0.8
1395	Setto	1111	1110	1566	1567	12	0.8
1396	Setto	101	1111	1567	129	12	0.8
1397	Setto	1073	200	274	1568	12	0.8
1398	Setto	1072	1073	1568	1569	12	0.8
1399	Setto	1071	1072	1569	1570	12	0.8
1400	Setto	1070	1071	1570	1571	12	0.8
1401	Setto	1069	1070	1571	1572	12	0.8
1402	Setto	1068	1069	1572	1573	12	0.8
1403	Setto	1067	1068	1573	1574	12	0.8
1404	Setto	1066	1067	1574	1575	12	0.8
1405	Setto	1065	1066	1575	1576	12	0.8
1406	Setto	1064	1065	1576	1577	12	0.8
1407	Setto	1063	1064	1577	1578	12	0.8
1408	Setto	1062	1063	1578	1579	12	0.8
1409	Setto	1061	1062	1579	1580	12	0.8
1410	Setto	1060	1061	1580	1581	12	0.8
1411	Setto	1059	1060	1581	1582	12	0.8
1412	Setto	1058	1059	1582	1583	12	0.8
1413	Setto	1057	1058	1583	1584	12	0.8
1414	Setto	1056	1057	1584	1585	12	0.8
1415	Setto	1055	1056	1585	1586	12	0.8
1416	Setto	102	1055	1586	126	12	0.8
1417	Guscio	191	1690	1689	225	12	1.0
1418	Guscio	1690	1692	1691	1689	12	1.0
1419	Guscio	1692	1694	1693	1691	12	1.0
1420	Guscio	1694	1696	1695	1693	12	1.0
1421	Guscio	1696	1698	1697	1695	12	1.0
1422	Guscio	1698	1700	1699	1697	12	1.0
1423	Guscio	1700	1702	1701	1699	12	1.0
1424	Guscio	1702	1704	1703	1701	12	1.0
1425	Guscio	1704	1706	1705	1703	12	1.0
1426	Guscio	1706	1708	1707	1705	12	1.0
1427	Guscio	1708	1710	1709	1707	12	1.0
1428	Guscio	1710	1712	1711	1709	12	1.0
1429	Guscio	1712	1714	1713	1711	12	1.0
1430	Guscio	1714	1716	1715	1713	12	1.0
1431	Guscio	1716	1718	1717	1715	12	1.0
1432	Guscio	1718	1720	1719	1717	12	1.0
1433	Guscio	1720	1722	1721	1719	12	1.0
1434	Guscio	1722	1724	1723	1721	12	1.0
1435	Guscio	1724	1726	1725	1723	12	1.0
1436	Guscio	1726	301	144	1725	12	1.0
1437	Guscio	225	1689	1727	200	12	1.0
1438	Guscio	1689	1691	1728	1727	12	1.0
1439	Guscio	1691	1693	1729	1728	12	1.0
1440	Guscio	1693	1695	1730	1729	12	1.0
1441	Guscio	1695	1697	1731	1730	12	1.0
1442	Guscio	1697	1699	1732	1731	12	1.0
1443	Guscio	1699	1701	1733	1732	12	1.0
1444	Guscio	1701	1703	1734	1733	12	1.0
1445	Guscio	1703	1705	1735	1734	12	1.0
1446	Guscio	1705	1707	1736	1735	12	1.0
1447	Guscio	1707	1709	1737	1736	12	1.0
1448	Guscio	1709	1711	1738	1737	12	1.0
1449	Guscio	1711	1713	1739	1738	12	1.0
1450	Guscio	1713	1715	1740	1739	12	1.0
1451	Guscio	1715	1717	1741	1740	12	1.0
1452	Guscio	1717	1719	1742	1741	12	1.0
1453	Guscio	1719	1721	1743	1742	12	1.0
1454	Guscio	1721	1723	1744	1743	12	1.0
1455	Guscio	1723	1725	1745	1744	12	1.0
1456	Guscio	1725	144	176	1745	12	1.0
1457	Guscio	1745	176	166	1746	12	1.0
1458	Guscio	1744	1745	1746	1747	12	1.0
1459	Guscio	1743	1744	1747	1748	12	1.0
1460	Guscio	1742	1743	1748	1749	12	1.0
1461	Guscio	1741	1742	1749	1750	12	1.0
1462	Guscio	1740	1741	1750	1751	12	1.0
1463	Guscio	1739	1740	1751	1752	12	1.0
1464	Guscio	1738	1739	1752	1753	12	1.0
1465	Guscio	1737	1738	1753	1754	12	1.0
1466	Guscio	1736	1737	1754	1755	12	1.0
1467	Guscio	1735	1736	1755	1756	12	1.0
1468	Guscio	1734	1735	1756	1757	12	1.0
1469	Guscio	1733	1734	1757	1758	12	1.0
1470	Guscio	1732	1733	1758	1759	12	1.0



1471	Guscio	1731	1732	1759	1760	12	1.0
1472	Guscio	1730	1731	1760	1761	12	1.0
1473	Guscio	1729	1730	1761	1762	12	1.0
1474	Guscio	1728	1729	1762	1763	12	1.0
1475	Guscio	1727	1728	1763	1764	12	1.0
1476	Guscio	200	1727	1764	275	12	1.0
1477	Guscio	1746	166	175	1765	12	1.0
1478	Guscio	1747	1746	1765	1766	12	1.0
1479	Guscio	1748	1747	1766	1767	12	1.0
1480	Guscio	1749	1748	1767	1768	12	1.0
1481	Guscio	1750	1749	1768	1769	12	1.0
1482	Guscio	1751	1750	1769	1770	12	1.0
1483	Guscio	1752	1751	1770	1771	12	1.0
1484	Guscio	1753	1752	1771	1772	12	1.0
1485	Guscio	1754	1753	1772	1773	12	1.0
1486	Guscio	1755	1754	1773	1774	12	1.0
1487	Guscio	1756	1755	1774	1775	12	1.0
1488	Guscio	1757	1756	1775	1776	12	1.0
1489	Guscio	1758	1757	1776	1777	12	1.0
1490	Guscio	1759	1758	1777	1778	12	1.0
1491	Guscio	1760	1759	1778	1779	12	1.0
1492	Guscio	1761	1760	1779	1780	12	1.0
1493	Guscio	1762	1761	1780	1781	12	1.0
1494	Guscio	1763	1762	1781	1782	12	1.0
1495	Guscio	1764	1763	1782	1783	12	1.0
1496	Guscio	275	1764	1783	199	12	1.0
1497	Guscio	199	1783	1784	257	12	1.0
1498	Guscio	1783	1782	1785	1784	12	1.0
1499	Guscio	1782	1781	1786	1785	12	1.0
1500	Guscio	1781	1780	1787	1786	12	1.0
1501	Guscio	1780	1779	1788	1787	12	1.0
1502	Guscio	1779	1778	1789	1788	12	1.0
1503	Guscio	1778	1777	1790	1789	12	1.0
1504	Guscio	1777	1776	1791	1790	12	1.0
1505	Guscio	1776	1775	1792	1791	12	1.0
1506	Guscio	1775	1774	1793	1792	12	1.0
1507	Guscio	1774	1773	1794	1793	12	1.0
1508	Guscio	1773	1772	1795	1794	12	1.0
1509	Guscio	1772	1771	1796	1795	12	1.0
1510	Guscio	1771	1770	1797	1796	12	1.0
1511	Guscio	1770	1769	1798	1797	12	1.0
1512	Guscio	1769	1768	1799	1798	12	1.0
1513	Guscio	1768	1767	1800	1799	12	1.0
1514	Guscio	1767	1766	1801	1800	12	1.0
1515	Guscio	1766	1765	1802	1801	12	1.0
1516	Guscio	1765	175	295	1802	12	1.0
1517	Guscio	257	1784	1803	198	12	1.0
1518	Guscio	1784	1785	1804	1803	12	1.0
1519	Guscio	1785	1786	1805	1804	12	1.0
1520	Guscio	1786	1787	1806	1805	12	1.0
1521	Guscio	1787	1788	1807	1806	12	1.0
1522	Guscio	1788	1789	1808	1807	12	1.0
1523	Guscio	1789	1790	1809	1808	12	1.0
1524	Guscio	1790	1791	1810	1809	12	1.0
1525	Guscio	1791	1792	1811	1810	12	1.0
1526	Guscio	1792	1793	1812	1811	12	1.0
1527	Guscio	1793	1794	1813	1812	12	1.0
1528	Guscio	1794	1795	1814	1813	12	1.0
1529	Guscio	1795	1796	1815	1814	12	1.0
1530	Guscio	1796	1797	1816	1815	12	1.0
1531	Guscio	1797	1798	1817	1816	12	1.0
1532	Guscio	1798	1799	1818	1817	12	1.0
1533	Guscio	1799	1800	1819	1818	12	1.0
1534	Guscio	1800	1801	1820	1819	12	1.0
1535	Guscio	1801	1802	1821	1820	12	1.0
1536	Guscio	1802	295	174	1821	12	1.0
1537	Guscio	198	1803	1822	262	12	1.0
1538	Guscio	1803	1804	1823	1822	12	1.0
1539	Guscio	1804	1805	1824	1823	12	1.0
1540	Guscio	1805	1806	1825	1824	12	1.0
1541	Guscio	1806	1807	1826	1825	12	1.0
1542	Guscio	1807	1808	1827	1826	12	1.0
1543	Guscio	1808	1809	1828	1827	12	1.0
1544	Guscio	1809	1810	1829	1828	12	1.0
1545	Guscio	1810	1811	1830	1829	12	1.0
1546	Guscio	1811	1812	1831	1830	12	1.0
1547	Guscio	1812	1813	1832	1831	12	1.0



1548	Guscio	1813	1814	1833	1832	12	1.0
1549	Guscio	1814	1815	1834	1833	12	1.0
1550	Guscio	1815	1816	1835	1834	12	1.0
1551	Guscio	1816	1817	1836	1835	12	1.0
1552	Guscio	1817	1818	1837	1836	12	1.0
1553	Guscio	1818	1819	1838	1837	12	1.0
1554	Guscio	1819	1820	1839	1838	12	1.0
1555	Guscio	1820	1821	1840	1839	12	1.0
1556	Guscio	1821	174	64	1840	12	1.0
1557	Guscio	262	1822	1841	197	12	1.0
1558	Guscio	1822	1823	1842	1841	12	1.0
1559	Guscio	1823	1824	1843	1842	12	1.0
1560	Guscio	1824	1825	1844	1843	12	1.0
1561	Guscio	1825	1826	1845	1844	12	1.0
1562	Guscio	1826	1827	1846	1845	12	1.0
1563	Guscio	1827	1828	1847	1846	12	1.0
1564	Guscio	1828	1829	1848	1847	12	1.0
1565	Guscio	1829	1830	1849	1848	12	1.0
1566	Guscio	1830	1831	1850	1849	12	1.0
1567	Guscio	1831	1832	1851	1850	12	1.0
1568	Guscio	1832	1833	1852	1851	12	1.0
1569	Guscio	1833	1834	1853	1852	12	1.0
1570	Guscio	1834	1835	1854	1853	12	1.0
1571	Guscio	1835	1836	1855	1854	12	1.0
1572	Guscio	1836	1837	1856	1855	12	1.0
1573	Guscio	1837	1838	1857	1856	12	1.0
1574	Guscio	1838	1839	1858	1857	12	1.0
1575	Guscio	1839	1840	1859	1858	12	1.0
1576	Guscio	1840	64	173	1859	12	1.0
1577	Guscio	197	1841	1860	234	12	1.0
1578	Guscio	1841	1842	1861	1860	12	1.0
1579	Guscio	1842	1843	1862	1861	12	1.0
1580	Guscio	1843	1844	1863	1862	12	1.0
1581	Guscio	1844	1845	1864	1863	12	1.0
1582	Guscio	1845	1846	1865	1864	12	1.0
1583	Guscio	1846	1847	1866	1865	12	1.0
1584	Guscio	1847	1848	1867	1866	12	1.0
1585	Guscio	1848	1849	1868	1867	12	1.0
1586	Guscio	1849	1850	1869	1868	12	1.0
1587	Guscio	1850	1851	1870	1869	12	1.0
1588	Guscio	1851	1852	1871	1870	12	1.0
1589	Guscio	1852	1853	1872	1871	12	1.0
1590	Guscio	1853	1854	1873	1872	12	1.0
1591	Guscio	1854	1855	1874	1873	12	1.0
1592	Guscio	1855	1856	1875	1874	12	1.0
1593	Guscio	1856	1857	1876	1875	12	1.0
1594	Guscio	1857	1858	1877	1876	12	1.0
1595	Guscio	1858	1859	1878	1877	12	1.0
1596	Guscio	1859	173	187	1878	12	1.0
1597	Guscio	234	1860	1879	196	12	1.0
1598	Guscio	1860	1861	1880	1879	12	1.0
1599	Guscio	1861	1862	1881	1880	12	1.0
1600	Guscio	1862	1863	1882	1881	12	1.0
1601	Guscio	1863	1864	1883	1882	12	1.0
1602	Guscio	1864	1865	1884	1883	12	1.0
1603	Guscio	1865	1866	1885	1884	12	1.0
1604	Guscio	1866	1867	1886	1885	12	1.0
1605	Guscio	1867	1868	1887	1886	12	1.0
1606	Guscio	1868	1869	1888	1887	12	1.0
1607	Guscio	1869	1870	1889	1888	12	1.0
1608	Guscio	1870	1871	1890	1889	12	1.0
1609	Guscio	1871	1872	1891	1890	12	1.0
1610	Guscio	1872	1873	1892	1891	12	1.0
1611	Guscio	1873	1874	1893	1892	12	1.0
1612	Guscio	1874	1875	1894	1893	12	1.0
1613	Guscio	1875	1876	1895	1894	12	1.0
1614	Guscio	1876	1877	1896	1895	12	1.0
1615	Guscio	1877	1878	1897	1896	12	1.0
1616	Guscio	1878	187	172	1897	12	1.0
1617	Guscio	196	1879	1898	248	12	1.0
1618	Guscio	1879	1880	1899	1898	12	1.0
1619	Guscio	1880	1881	1900	1899	12	1.0
1620	Guscio	1881	1882	1901	1900	12	1.0
1621	Guscio	1882	1883	1902	1901	12	1.0
1622	Guscio	1883	1884	1903	1902	12	1.0
1623	Guscio	1884	1885	1904	1903	12	1.0
1624	Guscio	1885	1886	1905	1904	12	1.0



1625	Guscio	1886	1887	1906	1905	12	1.0
1626	Guscio	1887	1888	1907	1906	12	1.0
1627	Guscio	1888	1889	1908	1907	12	1.0
1628	Guscio	1889	1890	1909	1908	12	1.0
1629	Guscio	1890	1891	1910	1909	12	1.0
1630	Guscio	1891	1892	1911	1910	12	1.0
1631	Guscio	1892	1893	1912	1911	12	1.0
1632	Guscio	1893	1894	1913	1912	12	1.0
1633	Guscio	1894	1895	1914	1913	12	1.0
1634	Guscio	1895	1896	1915	1914	12	1.0
1635	Guscio	1896	1897	1916	1915	12	1.0
1636	Guscio	1897	172	286	1916	12	1.0
1637	Guscio	248	1898	1917	195	12	1.0
1638	Guscio	1898	1899	1918	1917	12	1.0
1639	Guscio	1899	1900	1919	1918	12	1.0
1640	Guscio	1900	1901	1920	1919	12	1.0
1641	Guscio	1901	1902	1921	1920	12	1.0
1642	Guscio	1902	1903	1922	1921	12	1.0
1643	Guscio	1903	1904	1923	1922	12	1.0
1644	Guscio	1904	1905	1924	1923	12	1.0
1645	Guscio	1905	1906	1925	1924	12	1.0
1646	Guscio	1906	1907	1926	1925	12	1.0
1647	Guscio	1907	1908	1927	1926	12	1.0
1648	Guscio	1908	1909	1928	1927	12	1.0
1649	Guscio	1909	1910	1929	1928	12	1.0
1650	Guscio	1910	1911	1930	1929	12	1.0
1651	Guscio	1911	1912	1931	1930	12	1.0
1652	Guscio	1912	1913	1932	1931	12	1.0
1653	Guscio	1913	1914	1933	1932	12	1.0
1654	Guscio	1914	1915	1934	1933	12	1.0
1655	Guscio	1915	1916	1935	1934	12	1.0
1656	Guscio	1916	286	170	1935	12	1.0
1657	Guscio	195	1917	1936	256	12	1.0
1658	Guscio	1917	1918	1937	1936	12	1.0
1659	Guscio	1918	1919	1938	1937	12	1.0
1660	Guscio	1919	1920	1939	1938	12	1.0
1661	Guscio	1920	1921	1940	1939	12	1.0
1662	Guscio	1921	1922	1941	1940	12	1.0
1663	Guscio	1922	1923	1942	1941	12	1.0
1664	Guscio	1923	1924	1943	1942	12	1.0
1665	Guscio	1924	1925	1944	1943	12	1.0
1666	Guscio	1925	1926	1945	1944	12	1.0
1667	Guscio	1926	1927	1946	1945	12	1.0
1668	Guscio	1927	1928	1947	1946	12	1.0
1669	Guscio	1928	1929	1948	1947	12	1.0
1670	Guscio	1929	1930	1949	1948	12	1.0
1671	Guscio	1930	1931	1950	1949	12	1.0
1672	Guscio	1931	1932	1951	1950	12	1.0
1673	Guscio	1932	1933	1952	1951	12	1.0
1674	Guscio	1933	1934	1953	1952	12	1.0
1675	Guscio	1934	1935	1954	1953	12	1.0
1676	Guscio	1935	170	294	1954	12	1.0
1677	Guscio	256	1936	1955	194	12	1.0
1678	Guscio	1936	1937	1956	1955	12	1.0
1679	Guscio	1937	1938	1957	1956	12	1.0
1680	Guscio	1938	1939	1958	1957	12	1.0
1681	Guscio	1939	1940	1959	1958	12	1.0
1682	Guscio	1940	1941	1960	1959	12	1.0
1683	Guscio	1941	1942	1961	1960	12	1.0
1684	Guscio	1942	1943	1962	1961	12	1.0
1685	Guscio	1943	1944	1963	1962	12	1.0
1686	Guscio	1944	1945	1964	1963	12	1.0
1687	Guscio	1945	1946	1965	1964	12	1.0
1688	Guscio	1946	1947	1966	1965	12	1.0
1689	Guscio	1947	1948	1967	1966	12	1.0
1690	Guscio	1948	1949	1968	1967	12	1.0
1691	Guscio	1949	1950	1969	1968	12	1.0
1692	Guscio	1950	1951	1970	1969	12	1.0
1693	Guscio	1951	1952	1971	1970	12	1.0
1694	Guscio	1952	1953	1972	1971	12	1.0
1695	Guscio	1953	1954	1973	1972	12	1.0
1696	Guscio	1954	294	168	1973	12	1.0
1697	Guscio	194	1955	1974	243	12	1.0
1698	Guscio	1955	1956	1975	1974	12	1.0
1699	Guscio	1956	1957	1976	1975	12	1.0
1700	Guscio	1957	1958	1977	1976	12	1.0
1701	Guscio	1958	1959	1978	1977	12	1.0



1702	Guscio	1959	1960	1979	1978	12	1.0
1703	Guscio	1960	1961	1980	1979	12	1.0
1704	Guscio	1961	1962	1981	1980	12	1.0
1705	Guscio	1962	1963	1982	1981	12	1.0
1706	Guscio	1963	1964	1983	1982	12	1.0
1707	Guscio	1964	1965	1984	1983	12	1.0
1708	Guscio	1965	1966	1985	1984	12	1.0
1709	Guscio	1966	1967	1986	1985	12	1.0
1710	Guscio	1967	1968	1987	1986	12	1.0
1711	Guscio	1968	1969	1988	1987	12	1.0
1712	Guscio	1969	1970	1989	1988	12	1.0
1713	Guscio	1970	1971	1990	1989	12	1.0
1714	Guscio	1971	1972	1991	1990	12	1.0
1715	Guscio	1972	1973	1992	1991	12	1.0
1716	Guscio	1973	168	281	1992	12	1.0
1717	Guscio	243	1974	1993	193	12	1.0
1718	Guscio	1974	1975	1994	1993	12	1.0
1719	Guscio	1975	1976	1995	1994	12	1.0
1720	Guscio	1976	1977	1996	1995	12	1.0
1721	Guscio	1977	1978	1997	1996	12	1.0
1722	Guscio	1978	1979	1998	1997	12	1.0
1723	Guscio	1979	1980	1999	1998	12	1.0
1724	Guscio	1980	1981	2000	1999	12	1.0
1725	Guscio	1981	1982	2001	2000	12	1.0
1726	Guscio	1982	1983	2002	2001	12	1.0
1727	Guscio	1983	1984	2003	2002	12	1.0
1728	Guscio	1984	1985	2004	2003	12	1.0
1729	Guscio	1985	1986	2005	2004	12	1.0
1730	Guscio	1986	1987	2006	2005	12	1.0
1731	Guscio	1987	1988	2007	2006	12	1.0
1732	Guscio	1988	1989	2008	2007	12	1.0
1733	Guscio	1989	1990	2009	2008	12	1.0
1734	Guscio	1990	1991	2010	2009	12	1.0
1735	Guscio	1991	1992	2011	2010	12	1.0
1736	Guscio	1992	281	163	2011	12	1.0
1737	Guscio	193	1993	2012	231	12	1.0
1738	Guscio	1993	1994	2013	2012	12	1.0
1739	Guscio	1994	1995	2014	2013	12	1.0
1740	Guscio	1995	1996	2015	2014	12	1.0
1741	Guscio	1996	1997	2016	2015	12	1.0
1742	Guscio	1997	1998	2017	2016	12	1.0
1743	Guscio	1998	1999	2018	2017	12	1.0
1744	Guscio	1999	2000	2019	2018	12	1.0
1745	Guscio	2000	2001	2020	2019	12	1.0
1746	Guscio	2001	2002	2021	2020	12	1.0
1747	Guscio	2002	2003	2022	2021	12	1.0
1748	Guscio	2003	2004	2023	2022	12	1.0
1749	Guscio	2004	2005	2024	2023	12	1.0
1750	Guscio	2005	2006	2025	2024	12	1.0
1751	Guscio	2006	2007	2026	2025	12	1.0
1752	Guscio	2007	2008	2027	2026	12	1.0
1753	Guscio	2008	2009	2028	2027	12	1.0
1754	Guscio	2009	2010	2029	2028	12	1.0
1755	Guscio	2010	2011	2030	2029	12	1.0
1756	Guscio	2011	163	184	2030	12	1.0
1757	Guscio	231	2012	2031	192	12	1.0
1758	Guscio	2012	2013	2032	2031	12	1.0
1759	Guscio	2013	2014	2033	2032	12	1.0
1760	Guscio	2014	2015	2034	2033	12	1.0
1761	Guscio	2015	2016	2035	2034	12	1.0
1762	Guscio	2016	2017	2036	2035	12	1.0
1763	Guscio	2017	2018	2037	2036	12	1.0
1764	Guscio	2018	2019	2038	2037	12	1.0
1765	Guscio	2019	2020	2039	2038	12	1.0
1766	Guscio	2020	2021	2040	2039	12	1.0
1767	Guscio	2021	2022	2041	2040	12	1.0
1768	Guscio	2022	2023	2042	2041	12	1.0
1769	Guscio	2023	2024	2043	2042	12	1.0
1770	Guscio	2024	2025	2044	2043	12	1.0
1771	Guscio	2025	2026	2045	2044	12	1.0
1772	Guscio	2026	2027	2046	2045	12	1.0
1773	Guscio	2027	2028	2047	2046	12	1.0
1774	Guscio	2028	2029	2048	2047	12	1.0
1775	Guscio	2029	2030	2049	2048	12	1.0
1776	Guscio	2030	184	302	2049	12	1.0
1777	Setto	192	2031	2050	280	12	1.0
1778	Setto	2031	2032	188	2050	12	1.0



1779	Setto	2032	2033	292	188	12	1.0
1780	Setto	2033	2034	299	292	12	1.0
1781	Setto	2034	2035	300	299	12	1.0
1782	Setto	2035	2036	915	300	12	1.0
1783	Setto	2036	2037	916	915	12	1.0
1784	Setto	2037	2038	917	916	12	1.0
1785	Setto	2038	2039	918	917	12	1.0
1786	Setto	2039	2040	919	918	12	1.0
1787	Setto	2040	2041	920	919	12	1.0
1788	Setto	2041	2042	921	920	12	1.0
1789	Setto	2042	2043	922	921	12	1.0
1790	Setto	2043	2044	923	922	12	1.0
1791	Setto	2044	2045	924	923	12	1.0
1792	Setto	2045	2046	925	924	12	1.0
1793	Setto	2046	2047	926	925	12	1.0
1794	Setto	2047	2048	927	926	12	1.0
1795	Setto	2048	2049	928	927	12	1.0
1796	Setto	2049	302	171	928	12	1.0
1797	Setto	280	2050	929	202	12	1.0
1798	Setto	2050	188	930	929	12	1.0
1799	Setto	188	292	931	930	12	1.0
1800	Setto	292	299	932	931	12	1.0
1801	Setto	299	300	933	932	12	1.0
1802	Setto	300	915	934	933	12	1.0
1803	Setto	915	916	935	934	12	1.0
1804	Setto	916	917	936	935	12	1.0
1805	Setto	917	918	937	936	12	1.0
1806	Setto	918	919	938	937	12	1.0
1807	Setto	919	920	939	938	12	1.0
1808	Setto	920	921	940	939	12	1.0
1809	Setto	921	922	941	940	12	1.0
1810	Setto	922	923	942	941	12	1.0
1811	Setto	923	924	943	942	12	1.0
1812	Setto	924	925	944	943	12	1.0
1813	Setto	925	926	945	944	12	1.0
1814	Setto	926	927	946	945	12	1.0
1815	Setto	927	928	947	946	12	1.0
1816	Setto	928	171	181	947	12	1.0
1817	Setto	947	181	138	948	12	1.0
1818	Setto	946	947	948	949	12	1.0
1819	Setto	945	946	949	950	12	1.0
1820	Setto	944	945	950	951	12	1.0
1821	Setto	943	944	951	952	12	1.0
1822	Setto	942	943	952	953	12	1.0
1823	Setto	941	942	953	954	12	1.0
1824	Setto	940	941	954	955	12	1.0
1825	Setto	939	940	955	956	12	1.0
1826	Setto	938	939	956	957	12	1.0
1827	Setto	937	938	957	958	12	1.0
1828	Setto	936	937	958	959	12	1.0
1829	Setto	935	936	959	960	12	1.0
1830	Setto	934	935	960	961	12	1.0
1831	Setto	933	934	961	962	12	1.0
1832	Setto	932	933	962	963	12	1.0
1833	Setto	931	932	963	964	12	1.0
1834	Setto	930	931	964	965	12	1.0
1835	Setto	929	930	965	966	12	1.0
1836	Setto	202	929	966	219	12	1.0
1837	Setto	2011	163	284	967	12	0.8
1838	Setto	2010	2011	967	968	12	0.8
1839	Setto	2009	2010	968	969	12	0.8
1840	Setto	2008	2009	969	970	12	0.8
1841	Setto	2007	2008	970	971	12	0.8
1842	Setto	2006	2007	971	972	12	0.8
1843	Setto	2005	2006	972	973	12	0.8
1844	Setto	2004	2005	973	974	12	0.8
1845	Setto	2003	2004	974	975	12	0.8
1846	Setto	2002	2003	975	976	12	0.8
1847	Setto	2001	2002	976	977	12	0.8
1848	Setto	2000	2001	977	978	12	0.8
1849	Setto	1999	2000	978	979	12	0.8
1850	Setto	1998	1999	979	980	12	0.8
1851	Setto	1997	1998	980	981	12	0.8
1852	Setto	1996	1997	981	982	12	0.8
1853	Setto	1995	1996	982	983	12	0.8
1854	Setto	1994	1995	983	984	12	0.8
1855	Setto	1993	1994	984	985	12	0.8



1856	Setto	193	1993	985	246	12	0.8
1857	Setto	1973	168	190	986	12	0.8
1858	Setto	1972	1973	986	987	12	0.8
1859	Setto	1971	1972	987	988	12	0.8
1860	Setto	1970	1971	988	989	12	0.8
1861	Setto	1969	1970	989	990	12	0.8
1862	Setto	1968	1969	990	991	12	0.8
1863	Setto	1967	1968	991	992	12	0.8
1864	Setto	1966	1967	992	993	12	0.8
1865	Setto	1965	1966	993	994	12	0.8
1866	Setto	1964	1965	994	995	12	0.8
1867	Setto	1963	1964	995	996	12	0.8
1868	Setto	1962	1963	996	997	12	0.8
1869	Setto	1961	1962	997	998	12	0.8
1870	Setto	1960	1961	998	999	12	0.8
1871	Setto	1959	1960	999	1000	12	0.8
1872	Setto	1958	1959	1000	1001	12	0.8
1873	Setto	1957	1958	1001	1002	12	0.8
1874	Setto	1956	1957	1002	1003	12	0.8
1875	Setto	1955	1956	1003	1004	12	0.8
1876	Setto	194	1955	1004	237	12	0.8
1877	Setto	1935	170	287	1005	12	0.8
1878	Setto	1934	1935	1005	1006	12	0.8
1879	Setto	1933	1934	1006	1007	12	0.8
1880	Setto	1932	1933	1007	1008	12	0.8
1881	Setto	1931	1932	1008	1009	12	0.8
1882	Setto	1930	1931	1009	1010	12	0.8
1883	Setto	1929	1930	1010	1011	12	0.8
1884	Setto	1928	1929	1011	1012	12	0.8
1885	Setto	1927	1928	1012	1013	12	0.8
1886	Setto	1926	1927	1013	1014	12	0.8
1887	Setto	1925	1926	1014	1015	12	0.8
1888	Setto	1924	1925	1015	1016	12	0.8
1889	Setto	1923	1924	1016	1587	12	0.8
1890	Setto	1922	1923	1587	1588	12	0.8
1891	Setto	1921	1922	1588	1589	12	0.8
1892	Setto	1920	1921	1589	1590	12	0.8
1893	Setto	1919	1920	1590	1591	12	0.8
1894	Setto	1918	1919	1591	1592	12	0.8
1895	Setto	1917	1918	1592	1593	12	0.8
1896	Setto	195	1917	1593	249	12	0.8
1897	Setto	1897	172	189	1594	12	0.8
1898	Setto	1896	1897	1594	1595	12	0.8
1899	Setto	1895	1896	1595	1596	12	0.8
1900	Setto	1894	1895	1596	1597	12	0.8
1901	Setto	1893	1894	1597	1598	12	0.8
1902	Setto	1892	1893	1598	1599	12	0.8
1903	Setto	1891	1892	1599	1600	12	0.8
1904	Setto	1890	1891	1600	1601	12	0.8
1905	Setto	1889	1890	1601	1602	12	0.8
1906	Setto	1888	1889	1602	1603	12	0.8
1907	Setto	1887	1888	1603	1604	12	0.8
1908	Setto	1886	1887	1604	1605	12	0.8
1909	Setto	1885	1886	1605	1606	12	0.8
1910	Setto	1884	1885	1606	1607	12	0.8
1911	Setto	1883	1884	1607	1608	12	0.8
1912	Setto	1882	1883	1608	1609	12	0.8
1913	Setto	1881	1882	1609	1610	12	0.8
1914	Setto	1880	1881	1610	1611	12	0.8
1915	Setto	1879	1880	1611	1612	12	0.8
1916	Setto	196	1879	1612	236	12	0.8
1917	Setto	1859	173	83	1613	12	0.8
1918	Setto	1858	1859	1613	1614	12	0.8
1919	Setto	1857	1858	1614	1615	12	0.8
1920	Setto	1856	1857	1615	1616	12	0.8
1921	Setto	1855	1856	1616	1617	12	0.8
1922	Setto	1854	1855	1617	1618	12	0.8
1923	Setto	1853	1854	1618	1619	12	0.8
1924	Setto	1852	1853	1619	1620	12	0.8
1925	Setto	1851	1852	1620	1621	12	0.8
1926	Setto	1850	1851	1621	1622	12	0.8
1927	Setto	1849	1850	1622	1623	12	0.8
1928	Setto	1848	1849	1623	1624	12	0.8
1929	Setto	1847	1848	1624	1625	12	0.8
1930	Setto	1846	1847	1625	1626	12	0.8
1931	Setto	1845	1846	1626	1627	12	0.8
1932	Setto	1844	1845	1627	1628	12	0.8



1933	Setto	1843	1844	1628	1629	12	0.8
1934	Setto	1842	1843	1629	1630	12	0.8
1935	Setto	1841	1842	1630	1631	12	0.8
1936	Setto	197	1841	1631	263	12	0.8
1937	Setto	1821	174	296	1632	12	0.8
1938	Setto	1820	1821	1632	1633	12	0.8
1939	Setto	1819	1820	1633	1634	12	0.8
1940	Setto	1818	1819	1634	1635	12	0.8
1941	Setto	1817	1818	1635	1636	12	0.8
1942	Setto	1816	1817	1636	1637	12	0.8
1943	Setto	1815	1816	1637	1638	12	0.8
1944	Setto	1814	1815	1638	1639	12	0.8
1945	Setto	1813	1814	1639	1640	12	0.8
1946	Setto	1812	1813	1640	1641	12	0.8
1947	Setto	1811	1812	1641	1642	12	0.8
1948	Setto	1810	1811	1642	1643	12	0.8
1949	Setto	1809	1810	1643	1644	12	0.8
1950	Setto	1808	1809	1644	1645	12	0.8
1951	Setto	1807	1808	1645	1646	12	0.8
1952	Setto	1806	1807	1646	1647	12	0.8
1953	Setto	1805	1806	1647	1648	12	0.8
1954	Setto	1804	1805	1648	1649	12	0.8
1955	Setto	1803	1804	1649	1650	12	0.8
1956	Setto	198	1803	1650	258	12	0.8
1957	Setto	1765	175	167	1651	12	0.8
1958	Setto	1766	1765	1651	1652	12	0.8
1959	Setto	1767	1766	1652	1653	12	0.8
1960	Setto	1768	1767	1653	1654	12	0.8
1961	Setto	1769	1768	1654	1655	12	0.8
1962	Setto	1770	1769	1655	1656	12	0.8
1963	Setto	1771	1770	1656	1657	12	0.8
1964	Setto	1772	1771	1657	1658	12	0.8
1965	Setto	1773	1772	1658	1659	12	0.8
1966	Setto	1774	1773	1659	1660	12	0.8
1967	Setto	1775	1774	1660	1661	12	0.8
1968	Setto	1776	1775	1661	1662	12	0.8
1969	Setto	1777	1776	1662	1663	12	0.8
1970	Setto	1778	1777	1663	1664	12	0.8
1971	Setto	1779	1778	1664	1665	12	0.8
1972	Setto	1780	1779	1665	1666	12	0.8
1973	Setto	1781	1780	1666	1667	12	0.8
1974	Setto	1782	1781	1667	1668	12	0.8
1975	Setto	1783	1782	1668	1669	12	0.8
1976	Setto	199	1783	1669	276	12	0.8
1977	Setto	1745	176	165	1670	12	0.8
1978	Setto	1744	1745	1670	1671	12	0.8
1979	Setto	1743	1744	1671	1672	12	0.8
1980	Setto	1742	1743	1672	1673	12	0.8
1981	Setto	1741	1742	1673	1674	12	0.8
1982	Setto	1740	1741	1674	1675	12	0.8
1983	Setto	1739	1740	1675	1676	12	0.8
1984	Setto	1738	1739	1676	1677	12	0.8
1985	Setto	1737	1738	1677	1678	12	0.8
1986	Setto	1736	1737	1678	1679	12	0.8
1987	Setto	1735	1736	1679	1680	12	0.8
1988	Setto	1734	1735	1680	1681	12	0.8
1989	Setto	1733	1734	1681	1682	12	0.8
1990	Setto	1732	1733	1682	1683	12	0.8
1991	Setto	1731	1732	1683	1684	12	0.8
1992	Setto	1730	1731	1684	1685	12	0.8
1993	Guscio	2226	277	304	2227	12	1.0
1994	Guscio	2052	2051	947	946	12	1.0
1995	Guscio	2053	2052	946	945	12	1.0
1996	Guscio	2054	2053	945	944	12	1.0
1997	Guscio	2055	2054	944	943	12	1.0
1998	Guscio	2056	2055	943	942	12	1.0
1999	Guscio	2057	2056	942	941	12	1.0
2000	Guscio	2058	2057	941	940	12	1.0
2001	Guscio	2059	2058	940	939	12	1.0
2002	Guscio	2060	2059	939	938	12	1.0
2003	Guscio	2061	2060	938	937	12	1.0
2004	Guscio	2062	2061	937	936	12	1.0
2005	Guscio	2063	2062	936	935	12	1.0
2006	Guscio	2064	2063	935	934	12	1.0
2007	Guscio	2065	2064	934	933	12	1.0
2008	Guscio	2066	2065	933	932	12	1.0
2009	Guscio	2067	2066	932	931	12	1.0



2010	Guscio	2068	2067	931	930	12	1.0
2011	Guscio	2069	2068	930	929	12	1.0
2012	Guscio	2191	303	277	2226	12	1.0
2013	Guscio	2227	304	180	2051	12	1.0
2014	Guscio	2114	2115	1415	1414	12	1.0
2015	Guscio	2116	2114	1414	1413	12	1.0
2016	Guscio	2117	2116	1413	1412	12	1.0
2017	Guscio	2118	2117	1412	1411	12	1.0
2018	Guscio	2119	2118	1411	1410	12	1.0
2019	Guscio	2120	2119	1410	1409	12	1.0
2020	Guscio	2121	2120	1409	1408	12	1.0
2021	Guscio	2122	2121	1408	1407	12	1.0
2022	Guscio	2123	2122	1407	1406	12	1.0
2023	Guscio	2124	2123	1406	1405	12	1.0
2024	Guscio	2125	2124	1405	1404	12	1.0
2025	Guscio	2126	2125	1404	1403	12	1.0
2026	Guscio	2127	2126	1403	1402	12	1.0
2027	Guscio	2128	2127	1402	1401	12	1.0
2028	Guscio	2129	2128	1401	1400	12	1.0
2029	Guscio	2130	2129	1400	1399	12	1.0
2030	Guscio	2131	2130	1399	1398	12	1.0
2031	Guscio	2109	2131	1398	1397	12	1.0
2032	Guscio	2155	106	289	2190	12	1.0
2033	Guscio	2190	289	303	2191	12	1.0
2034	Guscio	2136	2137	743	742	12	1.0
2035	Guscio	2138	2136	742	741	12	1.0
2036	Guscio	2139	2138	741	740	12	1.0
2037	Guscio	2140	2139	740	739	12	1.0
2038	Guscio	2141	2140	739	738	12	1.0
2039	Guscio	2142	2141	738	737	12	1.0
2040	Guscio	2143	2142	737	736	12	1.0
2041	Guscio	2144	2143	736	735	12	1.0
2042	Guscio	2145	2144	735	734	12	1.0
2043	Guscio	2146	2145	734	733	12	1.0
2044	Guscio	2147	2146	733	732	12	1.0
2045	Guscio	2148	2147	732	731	12	1.0
2046	Guscio	2149	2148	731	730	12	1.0
2047	Guscio	2150	2149	730	729	12	1.0
2048	Guscio	2151	2150	729	728	12	1.0
2049	Guscio	2152	2151	728	727	12	1.0
2050	Guscio	2153	2152	727	726	12	1.0
2051	Guscio	2082	2153	726	725	12	1.0
2052	Guscio	2051	180	181	947	12	1.0
2053	Guscio	31	2080	2075	16	12	1.0
2054	Guscio	2154	273	106	2155	12	1.0
2055	Guscio	11	2070	2080	31	12	1.0
2056	Guscio	16	2075	2088	79	12	1.0
2057	Guscio	79	2088	2074	15	12	1.0
2058	Guscio	15	2074	2081	37	12	1.0
2059	Guscio	37	2081	2076	17	12	1.0
2060	Guscio	17	2076	2086	70	12	1.0
2061	Guscio	70	2086	2077	18	12	1.0
2062	Guscio	18	2077	2087	75	12	1.0
2063	Guscio	75	2087	2078	19	12	1.0
2064	Guscio	19	2078	2083	50	12	1.0
2065	Guscio	50	2083	2079	20	12	1.0
2066	Guscio	20	2079	2085	61	12	1.0
2067	Guscio	61	2085	2072	13	12	1.0
2068	Guscio	13	2072	2084	51	12	1.0
2069	Guscio	51	2084	2073	14	12	1.0
2070	Guscio	14	2073	2082	38	12	1.0
2071	Guscio	38	2082	725	12	12	1.0
2072	Guscio	2099	31	16	2094	12	1.0
2073	Guscio	2089	11	31	2099	12	1.0
2074	Guscio	2094	16	79	2107	12	1.0
2075	Guscio	2107	79	15	2093	12	1.0
2076	Guscio	2093	15	37	2100	12	1.0
2077	Guscio	2100	37	17	2095	12	1.0
2078	Guscio	2095	17	70	2105	12	1.0
2079	Guscio	2105	70	18	2096	12	1.0
2080	Guscio	2096	18	75	2106	12	1.0
2081	Guscio	2106	75	19	2097	12	1.0
2082	Guscio	2097	19	50	2102	12	1.0
2083	Guscio	2102	50	20	2098	12	1.0
2084	Guscio	2098	20	61	2104	12	1.0
2085	Guscio	2104	61	13	2091	12	1.0
2086	Guscio	2091	13	51	2103	12	1.0



2087	Guscio	2103	51	14	2092	12	1.0
2088	Guscio	2092	14	38	2101	12	1.0
2089	Guscio	2101	38	12	2090	12	1.0
2090	Guscio	333	2156	2157	318	12	1.0
2091	Guscio	313	2158	2156	333	12	1.0
2092	Guscio	318	2157	2159	121	12	1.0
2093	Guscio	121	2159	2160	317	12	1.0
2094	Guscio	317	2160	2161	339	12	1.0
2095	Guscio	339	2161	2162	319	12	1.0
2096	Guscio	319	2162	2163	112	12	1.0
2097	Guscio	112	2163	2164	320	12	1.0
2098	Guscio	320	2164	2165	117	12	1.0
2099	Guscio	117	2165	2166	321	12	1.0
2100	Guscio	321	2166	2167	152	12	1.0
2101	Guscio	152	2167	2168	322	12	1.0
2102	Guscio	322	2168	2169	103	12	1.0
2103	Guscio	103	2169	2170	315	12	1.0
2104	Guscio	315	2170	2171	153	12	1.0
2105	Guscio	153	2171	2172	316	12	1.0
2106	Guscio	316	2172	2109	340	12	1.0
2107	Guscio	340	2109	1397	314	12	1.0
2108	Guscio	2173	333	318	2174	12	1.0
2109	Guscio	2175	313	333	2173	12	1.0
2110	Guscio	2174	318	121	2176	12	1.0
2111	Guscio	2176	121	317	2177	12	1.0
2112	Guscio	2177	317	339	2178	12	1.0
2113	Guscio	2178	339	319	2179	12	1.0
2114	Guscio	2179	319	112	2180	12	1.0
2115	Guscio	2180	112	320	2181	12	1.0
2116	Guscio	2181	320	117	2182	12	1.0
2117	Guscio	2182	117	321	2183	12	1.0
2118	Guscio	2183	321	152	2184	12	1.0
2119	Guscio	2184	152	322	2185	12	1.0
2120	Guscio	2185	322	103	2186	12	1.0
2121	Guscio	2186	103	315	2187	12	1.0
2122	Guscio	2187	315	153	2188	12	1.0
2123	Guscio	2188	153	316	2189	12	1.0
2124	Guscio	2189	316	340	2137	12	1.0
2125	Guscio	2137	340	314	743	12	1.0
2126	Guscio	221	2192	2193	206	12	1.0
2127	Guscio	201	2194	2192	221	12	1.0
2128	Guscio	206	2193	2195	269	12	1.0
2129	Guscio	269	2195	2196	205	12	1.0
2130	Guscio	205	2196	2197	227	12	1.0
2131	Guscio	227	2197	2198	207	12	1.0
2132	Guscio	207	2198	2199	260	12	1.0
2133	Guscio	260	2199	2200	208	12	1.0
2134	Guscio	208	2200	2201	265	12	1.0
2135	Guscio	265	2201	2202	209	12	1.0
2136	Guscio	209	2202	2203	240	12	1.0
2137	Guscio	240	2203	2204	210	12	1.0
2138	Guscio	210	2204	2205	251	12	1.0
2139	Guscio	251	2205	2206	203	12	1.0
2140	Guscio	203	2206	2207	241	12	1.0
2141	Guscio	241	2207	2208	204	12	1.0
2142	Guscio	204	2208	2069	228	12	1.0
2143	Guscio	228	2069	929	202	12	1.0
2144	Guscio	2209	221	206	2210	12	1.0
2145	Guscio	2211	201	221	2209	12	1.0
2146	Guscio	2210	206	269	2212	12	1.0
2147	Guscio	2212	269	205	2213	12	1.0
2148	Guscio	2213	205	227	2214	12	1.0
2149	Guscio	2214	227	207	2215	12	1.0
2150	Guscio	2215	207	260	2216	12	1.0
2151	Guscio	2216	260	208	2217	12	1.0
2152	Guscio	2217	208	265	2218	12	1.0
2153	Guscio	2218	265	209	2219	12	1.0
2154	Guscio	2219	209	240	2220	12	1.0
2155	Guscio	2220	240	210	2221	12	1.0
2156	Guscio	2221	210	251	2222	12	1.0
2157	Guscio	2222	251	203	2223	12	1.0
2158	Guscio	2223	203	241	2224	12	1.0
2159	Guscio	2224	241	204	2225	12	1.0
2160	Guscio	2225	204	228	2115	12	1.0
2161	Guscio	2115	228	202	1415	12	1.0
2162	Guscio	140	2228	2229	306	12	1.0
2163	Guscio	178	2230	2228	140	12	1.0



2164	Guscio	306	2229	2231	157	12	1.0
2165	Guscio	157	2231	2232	305	12	1.0
2166	Guscio	305	2232	2233	179	12	1.0
2167	Guscio	179	2233	2234	309	12	1.0
2168	Guscio	309	2234	2235	298	12	1.0
2169	Guscio	298	2235	2236	156	12	1.0
2170	Guscio	156	2236	2237	89	12	1.0
2171	Guscio	89	2237	2238	312	12	1.0
2172	Guscio	312	2238	2239	273	12	1.0
2173	Guscio	273	2239	2240	106	12	1.0
2174	Guscio	106	2240	2241	289	12	1.0
2175	Guscio	289	2241	2242	303	12	1.0
2176	Guscio	303	2242	2243	277	12	1.0
2177	Guscio	277	2243	2244	304	12	1.0
2178	Guscio	304	2244	2245	180	12	1.0
2179	Guscio	180	2245	2246	181	12	1.0
2180	Guscio	2247	140	306	2132	12	1.0
2181	Guscio	2133	178	140	2247	12	1.0
2182	Guscio	2132	306	157	2134	12	1.0
2183	Guscio	2134	157	305	2135	12	1.0
2184	Guscio	2135	305	179	2071	12	1.0
2185	Guscio	2071	179	309	2108	12	1.0
2186	Guscio	2108	309	298	2110	12	1.0
2187	Guscio	2110	298	156	2111	12	1.0
2188	Guscio	2111	156	89	2112	12	1.0
2189	Guscio	2112	89	312	2113	12	1.0
2190	Guscio	2113	312	273	2154	12	1.0
2191	Setto	2248	2260	687	2	12	1.0
2192	Setto	2260	2261	688	687	12	1.0
2193	Setto	2261	2262	689	688	12	1.0
2194	Setto	2262	2263	690	689	12	1.0
2195	Setto	2263	2264	691	690	12	1.0
2196	Setto	2264	2265	692	691	12	1.0
2197	Setto	2265	2266	693	692	12	1.0
2198	Setto	2266	2267	694	693	12	1.0
2199	Setto	2267	2268	695	694	12	1.0
2200	Setto	2268	2269	696	695	12	1.0
2201	Setto	2269	2270	697	696	12	1.0
2202	Setto	2270	2271	698	697	12	1.0
2203	Setto	2271	2272	699	698	12	1.0
2204	Setto	2272	2273	700	699	12	1.0
2205	Setto	2273	2274	701	700	12	1.0
2206	Setto	2274	2275	702	701	12	1.0
2207	Setto	2275	2276	703	702	12	1.0
2208	Setto	2276	2277	704	703	12	1.0
2209	Setto	2277	2278	705	704	12	1.0
2210	Setto	2278	2250	94	705	12	1.0
2211	Setto	2250	2312	1359	94	12	1.0
2212	Setto	2312	2313	1360	1359	12	1.0
2213	Setto	2313	2314	1361	1360	12	1.0
2214	Setto	2314	2315	1362	1361	12	1.0
2215	Setto	2315	2316	1363	1362	12	1.0
2216	Setto	2316	2317	1364	1363	12	1.0
2217	Setto	2317	2318	1365	1364	12	1.0
2218	Setto	2318	2319	1366	1365	12	1.0
2219	Setto	2319	2320	1367	1366	12	1.0
2220	Setto	2320	2321	1368	1367	12	1.0
2221	Setto	2321	2322	1369	1368	12	1.0
2222	Setto	2322	2323	1370	1369	12	1.0
2223	Setto	2323	2324	1371	1370	12	1.0
2224	Setto	2324	2325	1372	1371	12	1.0
2225	Setto	2325	2326	1373	1372	12	1.0
2226	Setto	2326	2327	1374	1373	12	1.0
2227	Setto	2327	2328	1375	1374	12	1.0
2228	Setto	2328	2329	1376	1375	12	1.0
2229	Setto	2329	2330	1377	1376	12	1.0
2230	Setto	2330	2254	192	1377	12	1.0
2231	Setto	2254	2350	2031	192	12	1.0
2232	Setto	2350	2351	2032	2031	12	1.0
2233	Setto	2351	2352	2033	2032	12	1.0
2234	Setto	2352	2249	2034	2033	12	1.0
2235	Setto	2249	2251	2035	2034	12	1.0
2236	Setto	2251	2252	2036	2035	12	1.0
2237	Setto	2252	2253	2037	2036	12	1.0
2238	Setto	2253	2255	2038	2037	12	1.0
2239	Setto	2255	2256	2039	2038	12	1.0
2240	Setto	2256	2257	2040	2039	12	1.0



2241	Setto	2257	2258	2041	2040	12	1.0
2242	Setto	2258	2279	2042	2041	12	1.0
2243	Setto	2279	2280	2043	2042	12	1.0
2244	Setto	2280	2281	2044	2043	12	1.0
2245	Setto	2281	2282	2045	2044	12	1.0
2246	Setto	2282	2283	2046	2045	12	1.0
2247	Setto	2283	2284	2047	2046	12	1.0
2248	Setto	2284	2285	2048	2047	12	1.0
2249	Setto	2285	2286	2049	2048	12	1.0
2250	Setto	2286	2259	302	2049	12	1.0
2251	Guscio	2288	1	35	2300	12	1.0
2252	Guscio	2300	35	10	2297	12	1.0
2253	Guscio	2297	10	85	2308	12	1.0
2254	Guscio	2308	85	9	2296	12	1.0
2255	Guscio	2296	9	67	2306	12	1.0
2256	Guscio	2306	67	8	2295	12	1.0
2257	Guscio	2295	8	72	2307	12	1.0
2258	Guscio	2307	72	7	2294	12	1.0
2259	Guscio	2294	7	44	2302	12	1.0
2260	Guscio	2302	44	6	2293	12	1.0
2261	Guscio	2293	6	58	2304	12	1.0
2262	Guscio	2304	58	5	2292	12	1.0
2263	Guscio	2292	5	66	2305	12	1.0
2264	Guscio	2305	66	4	2291	12	1.0
2265	Guscio	2291	4	53	2303	12	1.0
2266	Guscio	2303	53	3	2290	12	1.0
2267	Guscio	2290	3	41	2301	12	1.0
2268	Guscio	2301	41	2	2289	12	1.0
2269	Setto	2289	2	90	2309	12	1.0
2270	Setto	2309	90	12	2090	12	1.0
2271	Setto	2090	12	29	2299	12	1.0
2272	Setto	2287	2248	2	2289	12	1.0
2273	Guscio	301	2310	2333	144	12	1.0
2274	Guscio	144	2333	2343	176	12	1.0
2275	Guscio	176	2343	2335	166	12	1.0
2276	Guscio	166	2335	2342	175	12	1.0
2277	Guscio	175	2342	2298	295	12	1.0
2278	Guscio	295	2298	2341	174	12	1.0
2279	Guscio	174	2341	2331	64	12	1.0
2280	Guscio	64	2331	2340	173	12	1.0
2281	Guscio	173	2340	2346	187	12	1.0
2282	Guscio	187	2346	2339	172	12	1.0
2283	Guscio	172	2339	2348	286	12	1.0
2284	Guscio	286	2348	2337	170	12	1.0
2285	Guscio	170	2337	2349	294	12	1.0
2286	Guscio	294	2349	2336	168	12	1.0
2287	Guscio	168	2336	2347	281	12	1.0
2288	Guscio	281	2347	2334	163	12	1.0
2289	Guscio	163	2334	2345	184	12	1.0
2290	Guscio	184	2345	2311	302	12	1.0
2291	Setto	302	2311	2338	171	12	1.0
2292	Setto	171	2338	2246	181	12	1.0
2293	Setto	181	2246	2332	138	12	1.0
2294	Setto	2259	2344	2311	302	12	1.0



# MODELLAZIONE DELLE AZIONI

## LEGENDA TABELLA DATI AZIONI

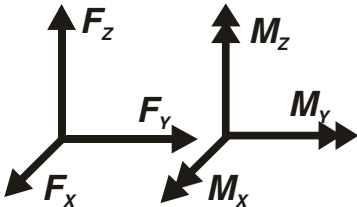
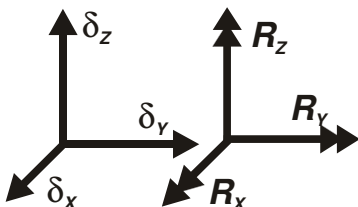
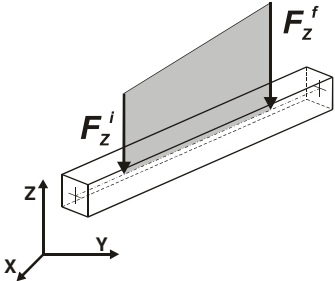
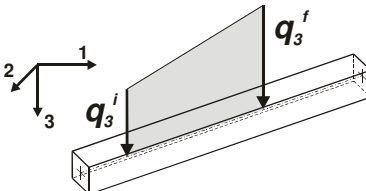
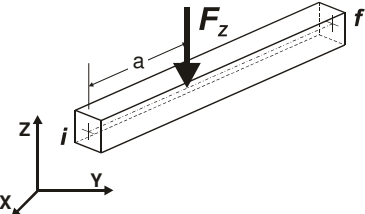
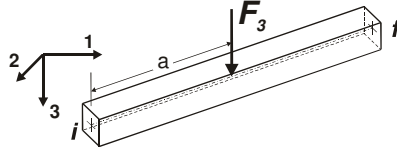
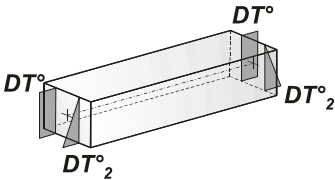
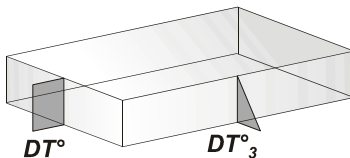
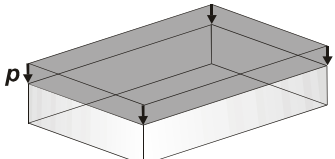
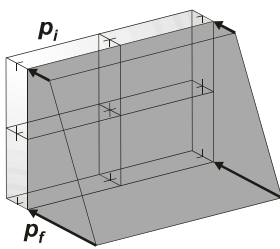
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

<b>1</b>	<b>carico concentrato nodale</b>  6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
<b>2</b>	<b>spostamento nodale impresso</b>  6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
<b>3</b>	<b>carico distribuito globale su elemento tipo trave</b>  7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico)  7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
<b>4</b>	<b>carico distribuito locale su elemento tipo trave</b>  7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico)  7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
<b>5</b>	<b>carico concentrato globale su elemento tipo trave</b>  7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
<b>6</b>	<b>carico concentrato locale su elemento tipo trave</b>  7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
<b>7</b>	<b>variazione termica applicata ad elemento tipo trave</b>  7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
<b>8</b>	<b>carico di pressione uniforme su elemento tipo piastra</b>  1 dato (pressione)
<b>9</b>	<b>carico di pressione variabile su elemento tipo piastra</b>  4 dati (pressione, quota, pressione, quota)
<b>10</b>	<b>variazione termica applicata ad elemento tipo piastra</b>  2 dati (variazioni termiche: media e differenza nello spessore)



<b>11</b>	<b>carico variabile generale su elementi tipo trave e piastra</b>  1 dato descrizione della tipologia  4 dati per segmento (posizione, valore, posizione, valore)  la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
<b>12</b>	<b>gruppo di carichi con impronta su piastra</b>  9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi)



 <p>Carico concentrato nodale</p>	 <p>Spostamento impresso</p>
 <p>Carico distribuito globale</p>	 <p>Carico distribuito locale</p>
 <p>Carico concentrato globale</p>	 <p>Carico concentrato locale</p>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</p>

**Tipo carico di pressione uniforme su piastra**

Id	Tipo	pressione
		daN/cm2
1	carico 10KN	-10.00
2	carico distrib. 5KN/mq	-0.05



# SCHEMATIZZAZIONE DEI CASI DI CARICO

## LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	<b>Sigla</b>	<b>Tipo</b>	<b>Descrizione</b>
1	<b>Ggk</b>	A	caso di carico comprensivo del peso proprio struttura
2	<b>Gk</b>	NA	caso di carico con azioni permanenti
3	<b>Qk</b>	NA	caso di carico con azioni variabili
4	<b>Gsk</b>	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	<b>Qsk</b>	A	caso di carico comprensivo dei carichi variabili sui solai
6	<b>Qnk</b>	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	<b>Qtk</b>	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	<b>Qvk</b>	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	<b>Esk</b>	SA	caso di carico sismico con analisi statica equivalente
10	<b>Edk</b>	SA	caso di carico sismico con analisi dinamica
11	<b>Etk</b>	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	<b>Pk</b>	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo e Sigla identificativa, Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

<b>CDC</b>	<b>Tipo</b>	<b>Sigla Id</b>	<b>Note</b>
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Qk	CDC=Qk (variabile generico) pedonale concentrato	D3 : 1006 Azione : carico 10KN
3	Qk	CDC=Qk (variabile generico) pedonale distrib.	D3 :da 257 a 616 Azione : carico distrib. 5KN/mq
			D3 :da 837 a 1005 Azione : carico distrib. 5KN/mq
			D3 : 1006 Azione : carico distrib. 5KN/mq
			D3 :da 1007 a 1196 Azione : carico distrib. 5KN/mq
			D3 :da 1417 a 1776 Azione : carico distrib. 5KN/mq
			D3 :da 2251 a 2268 Azione : carico distrib. 5KN/mq
			D3 :da 2273 a 2290 Azione : carico distrib. 5KN/mq



## DEFINIZIONE DELLE COMBINAZIONI

### LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: *Numero, Tipo, Sigla identificativa*. Una seconda tabella riporta il *peso nella combinazione* assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

#### Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

#### Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

#### Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

#### Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

**Combinazione sismica**, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

**Combinazione eccezionale**, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

*Dove:*

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	$\psi_0$	$\psi_1$	$\psi_2$
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30\text{kN}$ )	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30\text{kN}$ )	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00



Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2008 Tabella 2.6.I

		Coefficiente $\gamma_f$	<b>EQU</b>	<b>A1</b>	<b>A2</b>
Carichi permanenti	Favorevoli	$\gamma_{G1}$	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	$\gamma_{G2}$	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	$\gamma_{Qi}$	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3



Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Combinazione 1 da definire	
2	SLU	Combinazione 2 da definire	
3	SLE(f)	Combinazione 3 da definire	
4	SLE(f)	Combinazione 4 da definire	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.35	1.35	0.0											
2	1.35	0.0	1.35											
3	1.00	0.40	0.0											
4	1.00	0.0	0.40											



# RISULTATI NODALI

## LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X cm	Traslazione Y cm	Traslazione Z cm	Rotazione X	Rotazione Y	Rotazione Z
1	1	0.0	0.0	0.0	-6.91e-06	0.0	0.0
1	2	0.0	0.0	0.0	-4.58e-05	4.88e-06	-8.13e-06
1	3	0.0	0.0	0.0	-6.69e-06	0.0	-1.18e-06
1	4	0.0	0.0	0.0	-1.82e-05	1.81e-06	-3.35e-06
2	1	4.51e-04	7.06e-04	-8.35e-03	-7.07e-05	1.18e-04	-8.72e-06
2	2	1.64e-03	2.29e-03	-0.03	-2.34e-04	2.75e-04	-1.12e-05
2	3	3.17e-04	4.74e-04	-6.31e-03	-4.93e-05	6.47e-05	-4.50e-06
2	4	6.70e-04	9.42e-04	-0.01	-9.78e-05	1.11e-04	-5.24e-06
3	1	2.93e-04	6.92e-04	-6.88e-03	-7.11e-05	1.27e-04	-7.84e-06
3	2	1.56e-03	2.27e-03	-0.03	-2.42e-04	6.43e-04	-1.05e-05
3	3	2.46e-04	4.66e-04	-5.29e-03	-4.98e-05	9.44e-05	-4.01e-06
3	4	6.22e-04	9.34e-04	-0.01	-1.00e-04	2.47e-04	-4.81e-06
4	1	1.62e-04	6.55e-04	-5.47e-03	-6.72e-05	6.73e-05	-5.63e-06
4	2	1.59e-03	2.24e-03	-0.02	-2.41e-04	9.71e-04	-7.79e-06
4	3	1.97e-04	4.48e-04	-4.30e-03	-4.79e-05	9.91e-05	-2.90e-06
4	4	6.19e-04	9.19e-04	-9.92e-03	-9.95e-05	3.67e-04	-3.54e-06
5	1	5.71e-05	5.95e-04	-4.18e-03	-6.04e-05	-5.45e-05	-3.95e-06
5	2	1.61e-03	2.20e-03	-0.02	-2.33e-04	1.14e-03	-8.12e-06
5	3	1.60e-04	4.20e-04	-3.37e-03	-4.44e-05	7.36e-05	-2.28e-06
5	4	6.19e-04	8.94e-04	-7.95e-03	-9.55e-05	4.27e-04	-3.52e-06
6	1	-1.50e-05	5.17e-04	-3.03e-03	-5.20e-05	-1.73e-04	-2.85e-06
6	2	1.57e-03	2.10e-03	-0.02	-2.18e-04	1.19e-03	-1.01e-05
6	3	1.31e-04	3.82e-04	-2.51e-03	-3.96e-05	4.16e-05	-2.02e-06
6	4	6.01e-04	8.52e-04	-6.07e-03	-8.88e-05	4.67e-04	-4.17e-06
7	1	-5.13e-05	4.26e-04	-2.07e-03	-4.29e-05	-2.16e-04	-2.34e-06
7	2	1.47e-03	1.95e-03	-0.01	-1.96e-04	1.20e-03	-1.31e-05
7	3	1.08e-04	3.34e-04	-1.76e-03	-3.41e-05	2.82e-05	-2.03e-06
7	4	5.58e-04	7.86e-04	-4.36e-03	-7.94e-05	4.47e-04	-5.22e-06
8	1	-5.53e-05	3.31e-04	-1.29e-03	-3.38e-05	-1.64e-04	-1.93e-06
8	2	1.28e-03	1.71e-03	-7.11e-03	-1.67e-04	1.17e-03	-1.62e-05
8	3	9.00e-05	2.78e-04	-1.13e-03	-2.80e-05	4.07e-05	-2.11e-06
8	4	4.86e-04	6.87e-04	-2.85e-03	-6.75e-05	4.35e-04	-6.32e-06
9	1	-3.61e-05	2.35e-04	-6.91e-04	-2.48e-05	-6.33e-05	-1.25e-06
9	2	9.88e-04	1.37e-03	-4.01e-03	-1.32e-04	1.06e-03	-1.83e-05
9	3	7.10e-05	2.11e-04	-6.20e-04	-2.13e-05	6.17e-05	-2.04e-06
9	4	3.75e-04	5.48e-04	-1.60e-03	-5.31e-05	3.93e-04	-7.09e-06
10	1	-1.02e-05	1.38e-04	-2.72e-04	-1.59e-05	8.45e-06	0.0
10	2	5.78e-04	8.83e-04	-1.66e-03	-8.99e-05	7.55e-04	-1.80e-05
10	3	4.50e-05	1.31e-04	-2.50e-04	-1.41e-05	5.97e-05	-1.77e-06
10	4	2.19e-04	3.51e-04	-6.61e-04	-3.61e-05	2.81e-04	-6.97e-06
11	1	0.0	0.0	0.0	-9.85e-06	0.0	0.0
11	2	0.0	0.0	0.0	-5.61e-05	-2.14e-06	7.02e-06
11	3	0.0	0.0	0.0	-8.71e-06	0.0	0.0
11	4	0.0	0.0	0.0	-2.24e-05	0.0	2.61e-06
12	1	-1.30e-03	-3.27e-04	-8.35e-03	-7.06e-05	1.17e-04	3.49e-05
12	2	-2.35e-03	-1.20e-03	-0.03	-2.42e-04	2.67e-04	-3.57e-05
12	3	-6.34e-04	-2.47e-04	-6.31e-03	-4.97e-05	6.39e-05	9.77e-06
12	4	-9.46e-04	-5.07e-04	-0.01	-1.00e-04	1.08e-04	-1.11e-05
13	1	-4.16e-04	-6.27e-04	-5.47e-03	-6.72e-05	5.47e-06	2.60e-05
13	2	-6.67e-03	-2.32e-03	-0.02	-2.41e-04	-1.61e-04	-1.52e-04
13	3	-6.73e-04	-4.63e-04	-4.30e-03	-4.79e-05	-8.50e-06	-3.06e-06
13	4	-2.52e-03	-9.66e-04	-9.91e-03	-9.93e-05	-5.79e-05	-5.58e-05
14	1	-9.01e-04	-5.01e-04	-6.88e-03	-7.16e-05	2.60e-05	2.38e-05
14	2	-4.03e-03	-1.79e-03	-0.03	-2.43e-04	-2.65e-05	-1.37e-04
14	3	-6.28e-04	-3.68e-04	-5.29e-03	-5.00e-05	1.03e-05	-2.20e-06
14	4	-1.56e-03	-7.49e-04	-0.01	-1.01e-04	-5.29e-06	-4.98e-05



15	1	3.96e-04	-4.51e-04	-7.10e-04	-2.36e-05	3.22e-05	-8.49e-06
15	2	-4.35e-03	-2.16e-03	-4.03e-03	-1.30e-04	-4.94e-04	7.49e-05
15	3	-2.18e-04	-3.69e-04	-6.32e-04	-2.06e-05	-2.76e-05	3.45e-06
15	4	-1.62e-03	-8.76e-04	-1.61e-03	-5.20e-05	-1.84e-04	2.81e-05
16	1	1.54e-04	-2.71e-04	-2.96e-04	-1.44e-05	3.83e-06	-1.04e-05
16	2	-1.67e-03	-1.36e-03	-1.71e-03	-8.51e-05	-3.59e-04	7.01e-05
16	3	-8.29e-05	-2.27e-04	-2.66e-04	-1.31e-05	-2.58e-05	2.39e-06
16	4	-6.24e-04	-5.48e-04	-6.84e-04	-3.40e-05	-1.33e-04	2.62e-05
17	1	6.06e-04	-5.85e-04	-1.30e-03	-3.27e-05	8.21e-05	2.91e-06
17	2	-7.04e-03	-2.67e-03	-7.12e-03	-1.66e-04	-4.72e-04	5.53e-05
17	3	-3.65e-04	-4.69e-04	-1.14e-03	-2.74e-05	-1.09e-05	5.44e-06
17	4	-2.63e-03	-1.09e-03	-2.86e-03	-6.68e-05	-1.75e-04	2.10e-05
18	1	6.62e-04	-6.74e-04	-2.08e-03	-4.22e-05	1.18e-04	1.83e-05
18	2	-8.95e-03	-2.92e-03	-0.01	-1.95e-04	-3.79e-04	1.36e-05
18	3	-5.00e-04	-5.27e-04	-1.77e-03	-3.37e-05	6.99e-06	6.93e-06
18	4	-3.35e-03	-1.19e-03	-4.36e-03	-7.89e-05	-1.40e-04	5.53e-06
19	1	4.88e-04	-7.13e-04	-3.04e-03	-5.15e-05	1.07e-04	3.00e-05
19	2	-9.58e-03	-2.92e-03	-0.02	-2.17e-04	-2.91e-04	-4.57e-05
19	3	-6.08e-04	-5.45e-04	-2.51e-03	-3.94e-05	1.08e-05	5.98e-06
19	4	-3.59e-03	-1.20e-03	-6.07e-03	-8.85e-05	-1.07e-04	-1.65e-05
20	1	9.31e-05	-6.98e-04	-4.18e-03	-6.02e-05	5.33e-05	3.27e-05
20	2	-8.75e-03	-2.72e-03	-0.02	-2.32e-04	-2.37e-04	-1.10e-04
20	3	-6.70e-04	-5.23e-04	-3.36e-03	-4.42e-05	0.0	2.03e-06
20	4	-3.29e-03	-1.12e-03	-7.94e-03	-9.52e-05	-8.66e-05	-4.02e-05
21	1	1.18e-03	-5.10e-04	-2.07e-03	0.0	1.17e-04	1.56e-05
21	2	-0.01	-2.18e-03	-0.01	0.0	-3.19e-04	-1.52e-06
21	3	-4.61e-04	-3.97e-04	-1.76e-03	0.0	1.13e-05	4.91e-06
21	4	-3.92e-03	-8.93e-04	-4.35e-03	0.0	-1.18e-04	0.0
22	1	5.37e-05	-8.95e-05	-2.62e-04	0.0	-1.24e-05	-1.80e-05
22	2	-7.10e-03	-3.85e-04	-1.57e-03	0.0	-1.38e-04	2.19e-04
22	3	-5.20e-04	-7.01e-05	-2.40e-04	0.0	-1.39e-05	1.13e-05
22	4	-2.64e-03	-1.58e-04	-6.27e-04	0.0	-5.10e-05	8.14e-05
23	1	7.00e-04	-1.71e-04	-6.83e-04	0.0	3.34e-06	-3.85e-05
23	2	-0.01	-7.32e-04	-3.93e-03	0.0	-1.63e-04	9.13e-05
23	3	-5.64e-04	-1.34e-04	-6.12e-04	0.0	-1.10e-05	-4.29e-06
23	4	-3.78e-03	-3.00e-04	-1.57e-03	0.0	-6.03e-05	3.42e-05
24	1	0.0	0.0	0.0	0.0	0.0	4.25e-06
24	2	0.0	0.0	0.0	0.0	0.0	3.05e-04
24	3	0.0	0.0	0.0	0.0	0.0	2.42e-05
24	4	0.0	0.0	0.0	0.0	0.0	1.13e-04
25	1	1.44e-03	-2.56e-04	-1.28e-03	0.0	4.37e-05	-2.48e-05
25	2	-0.01	-1.09e-03	-7.05e-03	0.0	-1.44e-04	2.90e-05
25	3	-4.36e-04	-2.01e-04	-1.12e-03	0.0	2.57e-06	-4.91e-06
25	4	-4.22e-03	-4.49e-04	-2.83e-03	0.0	-5.30e-05	1.10e-05
26	1	1.63e-03	-3.45e-04	-2.06e-03	0.0	8.27e-05	1.05e-05
26	2	-0.01	-1.45e-03	-0.01	0.0	-1.21e-04	-7.12e-06
26	3	-4.02e-04	-2.68e-04	-1.76e-03	0.0	1.62e-05	2.89e-06
26	4	-4.30e-03	-5.96e-04	-4.34e-03	0.0	-4.41e-05	-2.33e-06
27	1	1.10e-03	-4.35e-04	-3.03e-03	0.0	8.60e-05	3.72e-05
27	2	-0.01	-1.77e-03	-0.02	0.0	-1.25e-04	-5.03e-05
27	3	-5.28e-04	-3.34e-04	-2.51e-03	0.0	1.72e-05	7.65e-06
27	4	-4.11e-03	-7.31e-04	-6.06e-03	0.0	-4.54e-05	-1.83e-05
28	1	2.53e-04	-5.22e-04	-4.17e-03	0.0	4.53e-05	3.75e-05
28	2	-9.44e-03	-2.04e-03	-0.02	0.0	-1.59e-04	-1.10e-04
28	3	-6.71e-04	-3.94e-04	-3.36e-03	0.0	2.96e-06	3.36e-06
28	4	-3.54e-03	-8.43e-04	-7.94e-03	0.0	-5.76e-05	-4.03e-05
29	1	-1.77e-03	-6.00e-04	-8.35e-03	-6.86e-05	0.0	3.75e-05
29	2	-3.46e-03	-2.17e-03	-0.03	-2.44e-04	0.0	-6.88e-05
29	3	-8.94e-04	-4.41e-04	-6.31e-03	-4.88e-05	0.0	8.43e-06
29	4	-1.40e-03	-9.05e-04	-0.01	-1.01e-04	0.0	-2.31e-05
30	1	2.38e-05	-9.16e-05	-1.06e-04	0.0	-4.91e-06	-5.06e-06
30	2	-2.39e-03	-4.47e-04	-6.25e-04	0.0	-1.97e-04	1.96e-04
30	3	-1.73e-04	-7.57e-05	-9.64e-05	0.0	-1.62e-05	1.33e-05
30	4	-8.87e-04	-1.81e-04	-2.50e-04	0.0	-7.31e-05	7.27e-05
31	1	4.61e-05	-1.41e-04	-1.30e-04	-9.11e-06	0.0	-6.97e-06
31	2	-5.01e-04	-7.22e-04	-7.35e-04	-5.64e-05	-1.94e-04	5.07e-05
31	3	-2.48e-05	-1.19e-04	-1.16e-04	-8.44e-06	-1.45e-05	1.87e-06
31	4	-1.87e-04	-2.92e-04	-2.95e-04	-2.25e-05	-7.23e-05	1.90e-05
32	1	-3.90e-05	-4.30e-05	-9.38e-05	0.0	-7.26e-06	0.0
32	2	-3.78e-03	-1.87e-04	-5.75e-04	0.0	-7.94e-05	3.18e-04
32	3	-2.96e-04	-3.37e-05	-8.70e-05	0.0	-8.06e-06	2.42e-05
32	4	-1.40e-03	-7.63e-05	-2.30e-04	0.0	-2.94e-05	1.18e-04
33	1	0.0	0.0	0.0	0.0	0.0	4.98e-06
33	2	0.0	0.0	0.0	0.0	3.53e-06	1.95e-04
33	3	0.0	0.0	0.0	0.0	0.0	1.61e-05
33	4	0.0	0.0	0.0	0.0	1.31e-06	7.25e-05
34	1	-6.59e-05	2.31e-05	-9.44e-05	0.0	4.56e-06	3.77e-06



34	2	-2.62e-03	1.80e-04	-5.91e-04	0.0	2.80e-04	2.06e-04
34	3	-2.16e-04	2.45e-05	-8.82e-05	0.0	2.26e-05	1.66e-05
34	4	-9.72e-04	7.11e-05	-2.35e-04	0.0	1.04e-04	7.65e-05
35	1	0.0	7.35e-05	-1.05e-04	-1.06e-05	1.09e-05	0.0
35	2	2.73e-04	4.90e-04	-6.58e-04	-6.31e-05	4.17e-04	-1.36e-05
35	3	2.32e-05	7.12e-05	-9.77e-05	-9.68e-06	3.49e-05	-1.42e-06
35	4	1.04e-04	1.94e-04	-2.62e-04	-2.53e-05	1.55e-04	-5.38e-06
36	1	8.59e-04	-3.69e-04	-9.68e-04	0.0	4.97e-05	-2.18e-05
36	2	-8.81e-03	-1.68e-03	-5.43e-03	0.0	-4.34e-04	5.94e-05
36	3	-4.19e-04	-2.95e-04	-8.56e-04	0.0	-1.78e-05	-1.65e-06
36	4	-3.28e-03	-6.83e-04	-2.18e-03	0.0	-1.61e-04	2.24e-05
37	1	5.13e-04	-5.24e-04	-9.83e-04	-2.81e-05	5.63e-05	-3.76e-06
37	2	-5.75e-03	-2.45e-03	-5.49e-03	-1.49e-04	-4.97e-04	6.80e-05
37	3	-2.92e-04	-4.24e-04	-8.67e-04	-2.41e-05	-2.06e-05	4.38e-06
37	4	-2.15e-03	-9.96e-04	-2.20e-03	-5.98e-05	-1.85e-04	2.56e-05
38	1	-1.10e-03	-4.19e-04	-7.61e-03	-7.11e-05	7.90e-05	2.77e-05
38	2	-2.93e-03	-1.50e-03	-0.03	-2.39e-04	1.23e-04	-8.40e-05
38	3	-6.12e-04	-3.10e-04	-5.80e-03	-4.97e-05	4.03e-05	3.53e-06
38	4	-1.15e-03	-6.29e-04	-0.01	-9.95e-05	5.34e-05	-2.96e-05
39	1	1.11e-03	-2.13e-04	-9.59e-04	0.0	2.51e-05	-4.05e-05
39	2	-0.01	-9.13e-04	-5.41e-03	0.0	-1.91e-04	5.55e-05
39	3	-5.02e-04	-1.67e-04	-8.50e-04	0.0	-6.61e-06	-7.55e-06
39	4	-4.06e-03	-3.74e-04	-2.17e-03	0.0	-7.07e-05	2.09e-05
40	1	1.07e-03	-4.21e-04	-1.29e-03	0.0	7.80e-05	-1.13e-05
40	2	-9.61e-03	-1.88e-03	-7.08e-03	0.0	-4.04e-04	3.85e-05
40	3	-4.19e-04	-3.34e-04	-1.13e-03	0.0	-7.03e-06	0.0
40	4	-3.58e-03	-7.67e-04	-2.84e-03	0.0	-1.50e-04	1.46e-05
41	1	3.68e-04	7.02e-04	-7.61e-03	-7.13e-05	1.25e-04	-9.17e-06
41	2	1.58e-03	2.28e-03	-0.03	-2.39e-04	4.37e-04	-1.54e-05
41	3	2.78e-04	4.72e-04	-5.80e-03	-4.98e-05	7.89e-05	-4.87e-06
41	4	6.37e-04	9.39e-04	-0.01	-9.94e-05	1.71e-04	-6.73e-06
42	1	7.95e-04	8.46e-05	-9.56e-04	0.0	-7.98e-05	-3.87e-05
42	2	-7.25e-03	5.49e-04	-5.41e-03	0.0	8.18e-04	2.85e-05
42	3	-3.11e-04	7.88e-05	-8.49e-04	0.0	3.89e-05	-9.16e-06
42	4	-2.69e-03	2.16e-04	-2.17e-03	0.0	3.05e-04	1.07e-05
43	1	1.39e-03	1.26e-04	-2.52e-03	0.0	-1.21e-04	1.67e-05
43	2	-7.39e-03	5.70e-04	-0.01	0.0	8.65e-04	-6.98e-06
43	3	-1.47e-04	9.39e-05	-2.12e-03	0.0	3.13e-05	4.58e-06
43	4	-2.75e-03	2.25e-04	-5.18e-03	0.0	3.23e-04	-2.43e-06
44	1	-3.80e-05	4.73e-04	-2.52e-03	-4.78e-05	-2.13e-04	-1.98e-06
44	2	1.50e-03	2.04e-03	-0.01	-2.09e-04	1.24e-03	-9.54e-06
44	3	1.17e-04	3.59e-04	-2.12e-03	-3.72e-05	3.27e-05	-1.63e-06
44	4	5.73e-04	8.22e-04	-5.18e-03	-8.49e-05	4.62e-04	-3.87e-06
45	1	-1.42e-03	-2.96e-04	-1.65e-03	0.0	-6.63e-05	9.96e-06
45	2	0.01	-1.28e-03	-8.85e-03	0.0	1.67e-04	-1.08e-05
45	3	4.61e-04	-2.33e-04	-1.42e-03	0.0	-7.65e-06	1.84e-06
45	4	4.30e-03	-5.23e-04	-3.56e-03	0.0	6.16e-05	-4.32e-06
46	1	1.38e-03	1.34e-04	-3.02e-03	-4.84e-05	-1.20e-04	1.96e-05
46	2	-8.10e-03	5.52e-04	-0.02	-2.11e-04	9.71e-04	-2.41e-05
46	3	-2.06e-04	9.48e-05	-2.51e-03	-3.78e-05	4.00e-05	3.88e-06
46	4	-3.02e-03	2.19e-04	-6.07e-03	-8.59e-05	3.63e-04	-9.06e-06
47	1	-4.09e-04	1.52e-04	-5.47e-03	-6.34e-05	4.53e-05	1.33e-05
47	2	-6.36e-03	4.66e-04	-0.02	-2.42e-04	7.10e-04	-8.34e-05
47	3	-6.17e-04	9.22e-05	-4.30e-03	-4.66e-05	7.17e-05	-2.52e-06
47	4	-2.38e-03	1.85e-04	-9.92e-03	-9.96e-05	2.69e-04	-3.12e-05
48	1	5.01e-04	-5.96e-04	-3.58e-03	0.0	8.22e-05	3.82e-05
48	2	-9.91e-03	-2.38e-03	-0.02	0.0	-2.41e-04	-7.90e-05
48	3	-6.31e-04	-4.52e-04	-2.93e-03	0.0	7.46e-06	5.92e-06
48	4	-3.72e-03	-9.80e-04	-6.99e-03	0.0	-8.82e-05	-2.88e-05
49	1	-4.67e-04	1.53e-04	-6.16e-03	0.0	5.61e-05	1.54e-05
49	2	-4.10e-03	4.52e-04	-0.03	0.0	4.73e-04	-1.28e-04
49	3	-4.63e-04	9.12e-05	-4.79e-03	0.0	5.71e-05	-4.77e-06
49	4	-1.54e-03	1.80e-04	-0.01	0.0	1.81e-04	-4.72e-05
50	1	3.13e-04	-7.13e-04	-3.58e-03	-5.60e-05	8.32e-05	3.27e-05
50	2	-9.34e-03	-2.85e-03	-0.02	-2.26e-04	-2.59e-04	-7.81e-05
50	3	-6.46e-04	-5.39e-04	-2.93e-03	-4.19e-05	6.31e-06	4.39e-06
50	4	-3.51e-03	-1.17e-03	-6.99e-03	-9.22e-05	-9.51e-05	-2.84e-05
51	1	-6.69e-04	-5.70e-04	-6.16e-03	-6.98e-05	2.52e-06	2.37e-05
51	2	-5.35e-03	-2.07e-03	-0.03	-2.42e-04	-1.29e-04	-1.60e-04
51	3	-6.53e-04	-4.20e-04	-4.79e-03	-4.92e-05	-6.23e-06	-4.22e-06
51	4	-2.04e-03	-8.65e-04	-0.01	-1.00e-04	-4.51e-05	-5.85e-05
52	1	6.81e-04	-4.80e-04	-3.58e-03	0.0	7.45e-05	4.48e-05
52	2	-0.01	-1.91e-03	-0.02	0.0	-1.81e-04	-7.57e-05
52	3	-6.12e-04	-3.65e-04	-2.92e-03	0.0	9.77e-06	8.09e-06
52	4	-3.90e-03	-7.90e-04	-6.98e-03	0.0	-6.59e-05	-2.76e-05
53	1	2.23e-04	6.77e-04	-6.17e-03	-7.00e-05	1.06e-04	-5.84e-06
53	2	1.55e-03	2.26e-03	-0.03	-2.42e-04	8.44e-04	-8.82e-06



53	3	2.18e-04	4.59e-04	-4.79e-03	-4.93e-05	1.02e-04	-3.07e-06
53	4	6.12e-04	9.27e-04	-0.01	-1.00e-04	3.21e-04	-3.95e-06
54	1	1.76e-04	-6.10e-04	-4.17e-03	0.0	5.12e-05	3.53e-05
54	2	-9.12e-03	-2.38e-03	-0.02	0.0	-2.21e-04	-1.10e-04
54	3	-6.72e-04	-4.58e-04	-3.36e-03	0.0	0.0	2.79e-06
54	4	-3.43e-03	-9.82e-04	-7.94e-03	0.0	-8.08e-05	-4.02e-05
55	1	1.46e-04	5.93e-05	-4.49e-04	0.0	-1.92e-05	-2.72e-05
55	2	-6.16e-03	4.35e-04	-2.66e-03	0.0	6.73e-04	9.46e-05
55	3	-4.20e-04	5.99e-05	-4.08e-04	0.0	4.55e-05	0.0
55	4	-2.29e-03	1.71e-04	-1.06e-03	0.0	2.51e-04	3.53e-05
56	1	-7.61e-04	1.54e-04	-6.89e-03	-6.91e-05	8.52e-05	-1.46e-06
56	2	-3.73e-03	4.42e-04	-0.03	-2.47e-04	4.44e-04	-9.66e-05
56	3	-5.30e-04	9.04e-05	-5.29e-03	-4.94e-05	6.48e-05	-8.29e-06
56	4	-1.41e-03	1.76e-04	-0.01	-1.02e-04	1.71e-04	-3.65e-05
57	1	8.21e-04	1.41e-04	-3.57e-03	0.0	-6.24e-05	4.32e-05
57	2	-7.02e-03	5.30e-04	-0.02	0.0	8.14e-04	-2.54e-05
57	3	-2.92e-04	9.48e-05	-2.92e-03	0.0	4.55e-05	1.12e-05
57	4	-2.62e-03	2.10e-04	-6.98e-03	0.0	3.05e-04	-9.17e-06
58	1	1.61e-05	5.58e-04	-3.58e-03	-5.70e-05	-1.24e-04	-2.10e-06
58	2	1.57e-03	2.16e-03	-0.02	-2.27e-04	1.21e-03	-7.00e-06
58	3	1.42e-04	4.02e-04	-2.92e-03	-4.24e-05	5.80e-05	-1.54e-06
58	4	6.02e-04	8.76e-04	-6.99e-03	-9.29e-05	4.53e-04	-2.99e-06
59	1	4.84e-04	1.46e-04	-4.17e-03	-5.58e-05	-3.45e-05	2.49e-05
59	2	-7.64e-03	5.07e-04	-0.02	-2.29e-04	8.92e-04	-4.80e-05
59	3	-4.41e-04	9.43e-05	-3.36e-03	-4.25e-05	6.04e-05	3.71e-06
59	4	-2.85e-03	2.01e-04	-7.95e-03	-9.38e-05	3.35e-04	-1.79e-05
60	1	8.07e-04	-5.74e-04	-3.03e-03	0.0	1.07e-04	3.47e-05
60	2	-0.01	-2.35e-03	-0.02	0.0	-2.54e-04	-5.16e-05
60	3	-5.72e-04	-4.39e-04	-2.51e-03	0.0	1.35e-05	6.88e-06
60	4	-3.89e-03	-9.65e-04	-6.07e-03	0.0	-9.34e-05	-1.87e-05
61	1	-1.56e-04	-6.70e-04	-4.81e-03	-6.40e-05	2.45e-05	3.10e-05
61	2	-7.83e-03	-2.54e-03	-0.02	-2.37e-04	-2.20e-04	-1.35e-04
61	3	-6.80e-04	-4.98e-04	-3.82e-03	-4.62e-05	-7.77e-06	0.0
61	4	-2.95e-03	-1.05e-03	-8.91e-03	-9.75e-05	-8.03e-05	-4.95e-05
62	1	-1.22e-04	-5.76e-04	-4.80e-03	0.0	2.06e-05	3.35e-05
62	2	-8.19e-03	-2.19e-03	-0.02	0.0	-2.18e-04	-1.38e-04
62	3	-6.94e-04	-4.30e-04	-3.82e-03	0.0	-8.81e-06	0.0
62	4	-3.09e-03	-9.08e-04	-8.91e-03	0.0	-7.96e-05	-5.09e-05
63	1	1.37e-03	1.07e-04	-1.64e-03	0.0	-1.27e-04	-1.97e-05
63	2	-7.48e-03	5.84e-04	-8.85e-03	0.0	8.66e-04	3.67e-06
63	3	-1.61e-04	8.92e-05	-1.42e-03	0.0	2.91e-05	-5.43e-06
63	4	-2.78e-03	2.31e-04	-3.56e-03	0.0	3.23e-04	1.49e-06
64	1	4.33e-05	3.74e-04	-1.65e-03	-3.79e-05	1.82e-04	2.20e-06
64	2	-1.36e-03	1.84e-03	-8.87e-03	-1.84e-04	-1.22e-03	1.27e-05
64	3	-1.01e-04	3.06e-04	-1.42e-03	-3.11e-05	-4.01e-05	1.89e-06
64	4	-5.16e-04	7.41e-04	-3.57e-03	-7.43e-05	-4.56e-04	5.00e-06
65	1	3.19e-05	1.50e-04	-4.80e-03	0.0	8.53e-06	4.15e-05
65	2	-6.06e-03	4.85e-04	-0.02	0.0	6.85e-04	-6.48e-05
65	3	-4.58e-04	9.34e-05	-3.82e-03	0.0	5.78e-05	7.84e-06
65	4	-2.26e-03	1.93e-04	-8.91e-03	0.0	2.58e-04	-2.37e-05
66	1	1.05e-04	6.28e-04	-4.81e-03	-6.48e-05	8.25e-06	-3.42e-06
66	2	1.58e-03	2.22e-03	-0.02	-2.39e-04	1.10e-03	-6.57e-06
66	3	1.75e-04	4.36e-04	-3.82e-03	-4.66e-05	9.07e-05	-2.00e-06
66	4	6.11e-04	9.09e-04	-8.91e-03	-9.82e-05	4.15e-04	-2.93e-06
67	1	-4.77e-05	2.83e-04	-9.64e-04	-2.91e-05	-1.20e-04	-2.01e-06
67	2	1.12e-03	1.56e-03	-5.45e-03	-1.52e-04	1.16e-03	-1.54e-05
67	3	7.92e-05	2.46e-04	-8.54e-04	-2.48e-05	5.30e-05	-2.00e-06
67	4	4.26e-04	6.23e-04	-2.18e-03	-6.11e-05	4.31e-04	-5.96e-06
68	1	1.26e-03	9.62e-05	-1.28e-03	-3.45e-05	-1.26e-04	-2.07e-05
68	2	-8.18e-03	5.75e-04	-7.09e-03	-1.56e-04	9.65e-04	0.0
68	3	-2.44e-04	8.49e-05	-1.12e-03	-2.71e-05	3.66e-05	-6.19e-06
68	4	-3.04e-03	2.27e-04	-2.84e-03	-6.30e-05	3.60e-04	0.0
69	1	1.18e-03	-4.68e-04	-1.65e-03	0.0	1.01e-04	1.29e-06
69	2	-0.01	-2.05e-03	-8.87e-03	0.0	-3.60e-04	1.87e-05
69	3	-4.31e-04	-3.68e-04	-1.43e-03	0.0	3.32e-06	2.16e-06
69	4	-3.79e-03	-8.37e-04	-3.57e-03	0.0	-1.33e-04	7.33e-06
70	1	6.60e-04	-6.36e-04	-1.67e-03	-3.74e-05	1.04e-04	1.05e-05
70	2	-8.13e-03	-2.83e-03	-8.91e-03	-1.81e-04	-4.27e-04	3.72e-05
70	3	-4.35e-04	-5.03e-04	-1.44e-03	-3.06e-05	0.0	6.37e-06
70	4	-3.04e-03	-1.15e-03	-3.58e-03	-7.32e-05	-1.58e-04	1.43e-05
71	1	1.63e-03	-3.00e-04	-1.65e-03	0.0	7.27e-05	-1.12e-05
71	2	-0.01	-1.28e-03	-8.85e-03	0.0	-1.67e-04	1.08e-05
71	3	-3.99e-04	-2.34e-04	-1.42e-03	0.0	9.54e-06	-2.21e-06
71	4	-4.30e-03	-5.23e-04	-3.56e-03	0.0	-6.16e-05	4.32e-06
72	1	-5.71e-05	3.79e-04	-1.65e-03	-3.83e-05	-2.07e-04	-2.28e-06
72	2	1.36e-03	1.84e-03	-8.87e-03	-1.84e-04	1.22e-03	-1.27e-05
72	3	9.69e-05	3.07e-04	-1.43e-03	-3.12e-05	3.29e-05	-1.91e-06



72	4	5.16e-04	7.41e-04	-3.57e-03	-7.43e-05	4.56e-04	-5.00e-06
73	1	1.70e-03	1.17e-04	-2.06e-03	-4.16e-05	-1.58e-04	0.0
73	2	-8.24e-03	5.82e-04	-0.01	-1.87e-04	9.89e-04	-1.19e-05
73	3	-1.20e-04	9.22e-05	-1.76e-03	-3.28e-05	2.95e-05	-1.27e-06
73	4	-3.06e-03	2.30e-04	-4.35e-03	-7.58e-05	3.69e-04	-4.55e-06
74	1	1.04e-03	-5.45e-04	-2.53e-03	0.0	1.18e-04	2.75e-05
74	2	-0.01	-2.28e-03	-0.01	0.0	-2.81e-04	-2.44e-05
74	3	-5.12e-04	-4.21e-04	-2.12e-03	0.0	1.45e-05	6.75e-06
74	4	-3.95e-03	-9.36e-04	-5.19e-03	0.0	-1.04e-04	-8.64e-06
75	1	6.05e-04	-7.00e-04	-2.53e-03	-4.69e-05	1.18e-04	2.50e-05
75	2	-9.44e-03	-2.95e-03	-0.01	-2.07e-04	-3.29e-04	-1.43e-05
75	3	-5.58e-04	-5.41e-04	-2.13e-03	-3.66e-05	1.11e-05	6.85e-06
75	4	-3.53e-03	-1.21e-03	-5.19e-03	-8.40e-05	-1.22e-04	-4.81e-06
76	1	1.44e-03	-3.90e-04	-2.52e-03	0.0	9.81e-05	2.77e-05
76	2	-0.01	-1.62e-03	-0.01	0.0	-1.57e-04	-2.47e-05
76	3	-4.53e-04	-3.02e-04	-2.12e-03	0.0	1.82e-05	6.73e-06
76	4	-4.26e-03	-6.65e-04	-5.18e-03	0.0	-5.72e-05	-8.79e-06
77	1	1.42e-04	-1.81e-04	-2.74e-04	0.0	-6.02e-06	-1.58e-05
77	2	-4.80e-03	-8.67e-04	-1.61e-03	0.0	-3.52e-04	1.60e-04
77	3	-3.21e-04	-1.48e-04	-2.49e-04	0.0	-2.82e-05	7.56e-06
77	4	-1.78e-03	-3.52e-04	-6.45e-04	0.0	-1.31e-04	5.97e-05
78	1	3.41e-04	-2.49e-04	-4.62e-04	0.0	4.05e-06	-2.36e-05
78	2	-6.45e-03	-1.17e-03	-2.68e-03	0.0	-4.22e-04	1.20e-04
78	3	-3.89e-04	-2.02e-04	-4.16e-04	0.0	-3.05e-05	2.30e-06
78	4	-2.40e-03	-4.76e-04	-1.07e-03	0.0	-1.57e-04	4.49e-05
79	1	2.71e-04	-3.66e-04	-4.81e-04	-1.90e-05	1.41e-05	-1.08e-05
79	2	-2.95e-03	-1.80e-03	-2.76e-03	-1.08e-04	-4.50e-04	7.59e-05
79	3	-1.47e-04	-3.03e-04	-4.31e-04	-1.69e-05	-2.96e-05	2.79e-06
79	4	-1.10e-03	-7.27e-04	-1.11e-03	-4.34e-05	-1.67e-04	2.85e-05
80	1	-4.80e-04	1.54e-04	-7.61e-03	0.0	8.49e-05	-7.78e-06
80	2	-1.42e-03	4.36e-04	-0.03	0.0	2.79e-04	-1.31e-04
80	3	-2.60e-04	8.99e-05	-5.80e-03	0.0	5.25e-05	-1.24e-05
80	4	-5.39e-04	1.74e-04	-0.01	0.0	1.10e-04	-4.88e-05
81	1	3.25e-04	-1.29e-04	-4.51e-04	0.0	-8.01e-06	-3.48e-05
81	2	-8.97e-03	-5.56e-04	-2.65e-03	0.0	-1.88e-04	1.50e-04
81	3	-5.82e-04	-1.01e-04	-4.08e-04	0.0	-1.63e-05	1.27e-06
81	4	-3.34e-03	-2.28e-04	-1.06e-03	0.0	-6.97e-05	5.61e-05
82	1	5.97e-04	-3.11e-04	-6.93e-04	0.0	2.34e-05	-2.52e-05
82	2	-7.79e-03	-1.44e-03	-3.96e-03	0.0	-4.47e-04	8.59e-05
82	3	-4.17e-04	-2.51e-04	-6.19e-04	0.0	-2.66e-05	0.0
82	4	-2.90e-03	-5.87e-04	-1.59e-03	0.0	-1.66e-04	3.22e-05
83	1	-1.51e-03	1.15e-04	-2.05e-03	-4.11e-05	1.39e-04	0.0
83	2	8.24e-03	5.82e-04	-0.01	-1.87e-04	-9.89e-04	1.19e-05
83	3	1.76e-04	9.15e-05	-1.75e-03	-3.26e-05	-3.52e-05	1.25e-06
83	4	3.06e-03	2.30e-04	-4.35e-03	-7.58e-05	-3.69e-04	4.55e-06
84	1	-1.12e-04	4.46e-05	-2.64e-04	-1.52e-05	2.10e-06	-9.27e-06
84	2	-5.65e-03	3.38e-04	-1.61e-03	-6.74e-05	6.11e-04	1.03e-04
84	3	-4.57e-04	4.62e-05	-2.43e-04	-1.19e-05	4.69e-05	4.87e-06
84	4	-2.10e-03	1.33e-04	-6.43e-04	-2.74e-05	2.27e-04	3.81e-05
85	1	-2.28e-05	1.87e-04	-4.58e-04	-2.03e-05	-2.37e-05	0.0
85	2	7.77e-04	1.15e-03	-2.71e-03	-1.14e-04	9.55e-04	-1.59e-05
85	3	5.78e-05	1.73e-04	-4.15e-04	-1.80e-05	6.59e-05	-1.72e-06
85	4	2.95e-04	4.58e-04	-1.08e-03	-4.56e-05	3.56e-04	-6.15e-06
86	1	4.50e-04	7.27e-05	-6.82e-04	-2.57e-05	-5.31e-05	-2.43e-05
86	2	-7.62e-03	5.04e-04	-3.97e-03	-1.17e-04	8.68e-04	3.24e-05
86	3	-4.40e-04	7.07e-05	-6.14e-04	-2.02e-05	5.04e-05	-4.86e-06
86	4	-2.83e-03	1.99e-04	-1.59e-03	-4.71e-05	3.23e-04	1.20e-05
87	1	-8.76e-04	-5.37e-04	-2.51e-03	0.0	-1.07e-04	-2.55e-05
87	2	0.01	-2.28e-03	-0.01	0.0	2.81e-04	2.44e-05
87	3	5.61e-04	-4.19e-04	-2.12e-03	0.0	-1.14e-05	-6.17e-06
87	4	3.95e-03	-9.36e-04	-5.19e-03	0.0	1.04e-04	8.64e-06
88	1	0.0	0.0	0.0	0.0	0.0	0.0
88	2	0.0	0.0	0.0	0.0	-1.92e-06	1.87e-04
88	3	0.0	0.0	0.0	0.0	0.0	1.40e-05
88	4	0.0	0.0	0.0	0.0	0.0	6.95e-05
89	1	-4.82e-04	-6.90e-04	-2.52e-03	-4.62e-05	-1.08e-04	-2.33e-05
89	2	9.44e-03	-2.95e-03	-0.01	-2.07e-04	3.29e-04	1.43e-05
89	3	5.95e-04	-5.38e-04	-2.12e-03	-3.64e-05	-7.86e-06	-6.34e-06
89	4	3.53e-03	-1.21e-03	-5.19e-03	-8.40e-05	1.22e-04	4.81e-06
90	1	-4.81e-04	1.55e-04	-8.35e-03	-6.93e-05	1.16e-04	1.50e-05
90	2	-5.15e-04	4.37e-04	-0.03	-2.34e-04	2.70e-04	-1.21e-05
90	3	-1.93e-04	9.00e-05	-6.31e-03	-4.84e-05	6.38e-05	4.11e-06
90	4	-2.03e-04	1.74e-04	-0.01	-9.72e-05	1.09e-04	-3.91e-06
91	1	-1.24e-03	-3.85e-04	-2.51e-03	0.0	-8.99e-05	-2.57e-05
91	2	0.01	-1.62e-03	-0.01	0.0	1.57e-04	2.47e-05
91	3	5.12e-04	-3.00e-04	-2.11e-03	0.0	-1.58e-05	-6.12e-06
91	4	4.26e-03	-6.65e-04	-5.18e-03	0.0	5.72e-05	8.79e-06



92	1	-9.88e-05	-1.79e-04	-2.76e-04	0.0	7.79e-06	1.35e-05
92	2	4.80e-03	-8.67e-04	-1.61e-03	0.0	3.52e-04	-1.60e-04
92	3	3.34e-04	-1.48e-04	-2.49e-04	0.0	2.88e-05	-8.24e-06
92	4	1.78e-03	-3.52e-04	-6.45e-04	0.0	1.31e-04	-5.97e-05
93	1	0.0	0.0	0.0	-4.08e-05	0.0	-3.59e-06
93	2	0.0	0.0	0.0	-7.86e-05	0.0	0.0
93	3	0.0	0.0	0.0	-1.93e-05	0.0	-1.17e-06
93	4	0.0	0.0	0.0	-3.04e-05	0.0	0.0
94	1	8.23e-05	4.82e-04	-0.02	-1.27e-04	2.93e-05	7.17e-06
94	2	1.20e-04	1.81e-03	-0.06	-3.86e-04	3.81e-05	0.0
94	3	3.88e-05	3.62e-04	-0.01	-8.32e-05	1.23e-05	2.12e-06
94	4	4.98e-05	7.54e-04	-0.02	-1.60e-04	1.49e-05	0.0
95	1	2.43e-04	4.82e-04	-0.02	-1.28e-04	6.55e-05	6.67e-06
95	2	8.33e-05	1.86e-03	-0.05	-4.01e-04	-3.59e-05	0.0
95	3	8.42e-05	3.64e-04	-0.01	-8.45e-05	1.71e-05	1.95e-06
95	4	3.70e-05	7.73e-04	-0.02	-1.65e-04	-1.29e-05	0.0
96	1	4.52e-04	4.99e-04	-0.02	-1.28e-04	2.37e-04	4.55e-06
96	2	1.85e-05	1.96e-03	-0.04	-4.08e-04	-1.40e-04	0.0
96	3	1.41e-04	3.72e-04	-9.88e-03	-8.39e-05	5.98e-05	1.29e-06
96	4	1.30e-05	8.05e-04	-0.02	-1.67e-04	-5.19e-05	0.0
97	1	6.97e-04	5.63e-04	-0.02	-1.31e-04	6.32e-04	1.45e-06
97	2	-5.30e-05	2.05e-03	-0.04	-4.02e-04	-2.29e-04	0.0
97	3	2.08e-04	3.90e-04	-8.19e-03	-8.24e-05	1.70e-04	0.0
97	4	-1.40e-05	8.30e-04	-0.01	-1.63e-04	-8.51e-05	0.0
98	1	8.70e-04	7.00e-04	-0.01	-1.37e-04	1.15e-03	0.0
98	2	-1.13e-04	2.07e-03	-0.03	-3.80e-04	-2.87e-04	0.0
98	3	2.54e-04	4.25e-04	-6.51e-03	-8.09e-05	3.20e-04	0.0
98	4	-3.68e-05	8.31e-04	-0.01	-1.53e-04	-1.06e-04	0.0
99	1	8.84e-04	8.62e-04	-9.57e-03	-1.43e-04	1.32e-03	1.34e-06
99	2	-1.47e-04	2.01e-03	-0.02	-3.46e-04	-3.14e-04	0.0
99	3	2.55e-04	4.60e-04	-4.85e-03	-7.81e-05	3.66e-04	0.0
99	4	-5.05e-05	8.00e-04	-8.04e-03	-1.38e-04	-1.17e-04	0.0
100	1	7.64e-04	9.29e-04	-6.51e-03	-1.37e-04	9.07e-04	1.81e-06
100	2	-1.51e-04	1.85e-03	-0.01	-2.98e-04	-3.09e-04	0.0
100	3	2.18e-04	4.58e-04	-3.25e-03	-7.08e-05	2.46e-04	0.0
100	4	-5.27e-05	7.31e-04	-5.34e-03	-1.18e-04	-1.15e-04	0.0
101	1	5.02e-04	8.24e-04	-3.72e-03	-1.15e-04	4.00e-04	0.0
101	2	-1.23e-04	1.55e-03	-7.80e-03	-2.40e-04	-2.63e-04	0.0
101	3	1.42e-04	3.95e-04	-1.85e-03	-5.77e-05	9.87e-05	0.0
101	4	-4.34e-05	6.11e-04	-3.06e-03	-9.47e-05	-9.75e-05	0.0
102	1	2.40e-04	5.54e-04	-1.54e-03	-8.11e-05	1.18e-04	-3.39e-06
102	2	-7.24e-05	1.08e-03	-3.32e-03	-1.70e-04	-1.66e-04	0.0
102	3	6.70e-05	2.66e-04	-7.68e-04	-4.04e-05	2.24e-05	-1.03e-06
102	4	-2.56e-05	4.20e-04	-1.29e-03	-6.68e-05	-6.18e-05	0.0
103	1	-4.76e-03	-2.11e-03	-0.02	-1.29e-04	4.76e-06	-1.06e-04
103	2	5.54e-04	-6.09e-03	-0.04	-4.12e-04	1.44e-04	5.45e-05
103	3	-1.38e-03	-1.30e-03	-9.03e-03	-8.38e-05	1.36e-05	-2.71e-05
103	4	1.96e-04	-2.48e-03	-0.02	-1.68e-04	5.48e-05	2.05e-05
104	1	-4.74e-03	-1.91e-03	-0.02	0.0	2.31e-05	-1.17e-04
104	2	7.84e-04	-5.49e-03	-0.04	0.0	1.43e-04	5.55e-05
104	3	-1.35e-03	-1.17e-03	-9.03e-03	0.0	1.90e-05	-3.02e-05
104	4	2.83e-04	-2.23e-03	-0.02	0.0	5.45e-05	2.09e-05
105	1	-7.63e-03	-5.09e-06	-7.98e-03	0.0	7.81e-04	1.57e-04
105	2	2.19e-03	-2.16e-04	-0.02	0.0	-2.17e-04	-1.20e-06
105	3	-2.09e-03	-3.02e-05	-4.01e-03	0.0	2.15e-04	4.64e-05
105	4	8.17e-04	-9.26e-05	-6.61e-03	0.0	-8.05e-05	0.0
106	1	-5.17e-06	-6.85e-04	-4.13e-03	-5.89e-05	-4.85e-05	-2.99e-05
106	2	8.75e-03	-2.72e-03	-0.02	-2.32e-04	2.37e-04	1.10e-04
106	3	6.97e-04	-5.19e-04	-3.35e-03	-4.38e-05	2.08e-06	-1.20e-06
106	4	3.29e-03	-1.12e-03	-7.94e-03	-9.52e-05	8.66e-05	4.02e-05
107	1	-2.62e-03	-4.23e-04	-0.02	0.0	3.33e-04	-1.39e-04
107	2	1.27e-03	-9.39e-04	-0.04	0.0	-9.02e-05	3.27e-05
107	3	-6.77e-04	-2.28e-04	-9.02e-03	0.0	9.22e-05	-3.88e-05
107	4	4.78e-04	-3.81e-04	-0.02	0.0	-3.30e-05	1.22e-05
108	1	-1.01e-03	-5.03e-04	-2.06e-03	0.0	-1.06e-04	-1.47e-05
108	2	0.01	-2.18e-03	-0.01	0.0	3.19e-04	1.51e-06
108	3	5.12e-04	-3.95e-04	-1.76e-03	0.0	-8.12e-06	-4.64e-06
108	4	3.92e-03	-8.93e-04	-4.35e-03	0.0	1.18e-04	0.0
109	1	-3.18e-06	-8.86e-05	-2.64e-04	0.0	1.22e-05	1.52e-05
109	2	7.10e-03	-3.85e-04	-1.57e-03	0.0	1.38e-04	-2.19e-04
109	3	5.35e-04	-6.98e-05	-2.40e-04	0.0	1.38e-05	-1.21e-05
109	4	2.64e-03	-1.58e-04	-6.27e-04	0.0	5.10e-05	-8.14e-05
110	1	-6.59e-03	5.86e-05	-6.54e-03	-1.22e-04	7.76e-04	8.96e-05
110	2	2.36e-03	-1.01e-04	-0.01	-2.77e-04	-2.60e-04	-3.71e-06
110	3	-1.77e-03	0.0	-3.26e-03	-6.43e-05	2.10e-04	2.62e-05
110	4	8.82e-04	-4.69e-05	-5.34e-03	-1.10e-04	-9.64e-05	-1.40e-06
111	1	-8.49e-03	-1.92e-03	-7.98e-03	0.0	-4.47e-04	5.82e-05



111	2	2.26e-03	-4.79e-03	-0.02	0.0	1.50e-04	1.14e-05
111	3	-2.35e-03	-1.07e-03	-4.02e-03	0.0	-1.21e-04	1.82e-05
111	4	8.37e-04	-1.92e-03	-6.65e-03	0.0	5.63e-05	4.34e-06
112	1	-6.14e-03	-2.50e-03	-7.99e-03	-1.48e-04	-4.71e-04	9.16e-06
112	2	1.45e-03	-6.17e-03	-0.02	-3.28e-04	1.68e-04	1.24e-05
112	3	-1.71e-03	-1.38e-03	-4.03e-03	-7.70e-05	-1.26e-04	3.81e-06
112	4	5.34e-04	-2.47e-03	-6.68e-03	-1.30e-04	6.28e-05	4.78e-06
113	1	-0.01	-1.35e-03	-7.98e-03	0.0	-2.86e-04	1.29e-04
113	2	2.89e-03	-3.44e-03	-0.02	0.0	9.43e-05	6.67e-06
113	3	-2.87e-03	-7.62e-04	-4.01e-03	0.0	-7.73e-05	3.88e-05
113	4	1.08e-03	-1.38e-03	-6.63e-03	0.0	3.54e-05	2.53e-06
114	1	-5.80e-04	-1.69e-04	-6.86e-04	0.0	-2.29e-06	3.49e-05
114	2	0.01	-7.32e-04	-3.93e-03	0.0	1.63e-04	-9.13e-05
114	3	5.99e-04	-1.33e-04	-6.13e-04	0.0	1.13e-05	3.21e-06
114	4	3.78e-03	-3.00e-04	-1.57e-03	0.0	6.03e-05	-3.42e-05
115	1	-9.87e-03	-7.93e-05	-9.62e-03	-1.32e-04	1.07e-03	1.60e-05
115	2	2.41e-03	-3.37e-04	-0.02	-3.27e-04	-2.60e-04	3.86e-06
115	3	-2.74e-03	-6.45e-05	-4.86e-03	-7.31e-05	2.97e-04	5.02e-06
115	4	8.99e-04	-1.41e-04	-8.05e-03	-1.31e-04	-9.65e-05	1.42e-06
116	1	-8.87e-03	-2.04e-03	-0.01	0.0	-5.19e-04	-8.61e-05
116	2	2.06e-03	-5.40e-03	-0.02	0.0	1.51e-04	2.98e-05
116	3	-2.48e-03	-1.18e-03	-5.66e-03	0.0	-1.42e-04	-2.31e-05
116	4	7.61e-04	-2.18e-03	-9.53e-03	0.0	5.67e-05	1.12e-05
117	1	-6.94e-03	-2.49e-03	-0.01	-1.46e-04	-5.26e-04	-6.61e-05
117	2	1.48e-03	-6.57e-03	-0.02	-3.70e-04	1.63e-04	2.94e-05
117	3	-1.95e-03	-1.44e-03	-5.67e-03	-8.18e-05	-1.43e-04	-1.72e-05
117	4	5.45e-04	-2.65e-03	-9.55e-03	-1.48e-04	6.12e-05	1.11e-05
118	1	-0.01	-1.59e-03	-0.01	0.0	-4.05e-04	-9.59e-05
118	2	2.55e-03	-4.25e-03	-0.02	0.0	1.14e-04	2.65e-05
118	3	-2.95e-03	-9.26e-04	-5.66e-03	0.0	-1.11e-04	-2.63e-05
118	4	9.47e-04	-1.71e-03	-9.52e-03	0.0	4.29e-05	9.93e-06
119	1	-1.64e-03	-8.54e-04	-1.57e-03	0.0	-3.11e-05	1.02e-04
119	2	1.11e-03	-1.97e-03	-3.34e-03	0.0	8.47e-05	-3.82e-05
119	3	-4.03e-04	-4.54e-04	-7.83e-04	0.0	-2.76e-06	2.74e-05
119	4	4.13e-04	-7.85e-04	-1.31e-03	0.0	3.15e-05	-1.42e-05
120	1	-2.84e-03	-1.15e-03	-2.56e-03	0.0	-6.01e-05	1.31e-04
120	2	1.52e-03	-2.68e-03	-5.40e-03	0.0	1.10e-04	-2.99e-05
120	3	-7.28e-04	-6.16e-04	-1.28e-03	0.0	-9.39e-06	3.65e-05
120	4	5.64e-04	-1.07e-03	-2.12e-03	0.0	4.10e-05	-1.11e-05
121	1	-2.17e-03	-1.68e-03	-2.63e-03	-9.94e-05	-1.09e-04	8.92e-05
121	2	5.94e-04	-3.81e-03	-5.57e-03	-2.05e-04	1.20e-04	-1.03e-05
121	3	-5.98e-04	-8.84e-04	-1.31e-03	-4.93e-05	-2.31e-05	2.57e-05
121	4	2.20e-04	-1.51e-03	-2.18e-03	-8.06e-05	4.48e-05	-3.76e-06
122	1	-2.90e-04	-5.04e-04	-0.02	0.0	7.40e-05	-1.06e-05
122	2	-5.48e-05	-1.19e-03	-0.06	0.0	4.07e-05	2.30e-05
122	3	-9.01e-05	-2.79e-04	-0.01	0.0	2.59e-05	-1.28e-06
122	4	-2.05e-05	-4.84e-04	-0.02	0.0	1.61e-05	8.69e-06
123	1	-2.99e-03	-6.51e-04	-2.52e-03	0.0	2.83e-05	1.55e-04
123	2	2.17e-03	-1.59e-03	-5.31e-03	0.0	5.01e-05	-4.62e-05
123	3	-7.20e-04	-3.58e-04	-1.25e-03	0.0	1.23e-05	4.24e-05
123	4	8.09e-04	-6.36e-04	-2.08e-03	0.0	1.87e-05	-1.72e-05
124	1	-4.29e-03	-1.41e-03	-3.73e-03	0.0	-1.17e-04	1.46e-04
124	2	1.85e-03	-3.32e-03	-7.82e-03	0.0	1.29e-04	-1.94e-05
124	3	-1.13e-03	-7.60e-04	-1.86e-03	0.0	-2.47e-05	4.20e-05
124	4	6.87e-04	-1.33e-03	-3.07e-03	0.0	4.82e-05	-7.16e-06
125	1	0.0	0.0	0.0	0.0	0.0	-5.93e-06
125	2	0.0	0.0	0.0	0.0	0.0	-3.05e-04
125	3	0.0	0.0	0.0	0.0	0.0	-2.47e-05
125	4	0.0	0.0	0.0	0.0	0.0	-1.13e-04
126	1	-6.98e-04	1.26e-04	-1.53e-03	-6.77e-05	1.17e-04	3.50e-05
126	2	1.28e-03	1.47e-04	-3.31e-03	-1.43e-04	-1.41e-04	-2.34e-05
126	3	-1.09e-04	4.76e-05	-7.62e-04	-3.40e-05	2.42e-05	8.58e-06
126	4	4.78e-04	5.39e-05	-1.29e-03	-5.62e-05	-5.24e-05	-8.74e-06
127	1	1.09e-04	3.19e-04	-6.17e-04	-5.98e-05	4.61e-05	-3.91e-06
127	2	-3.45e-05	6.44e-04	-1.30e-03	-1.24e-04	-9.11e-05	-1.10e-06
127	3	3.03e-05	1.55e-04	-3.03e-04	-2.95e-05	6.79e-06	-1.28e-06
127	4	-1.21e-05	2.51e-04	-5.06e-04	-4.84e-05	-3.38e-05	0.0
128	1	-1.25e-03	-2.53e-04	-1.28e-03	0.0	-3.97e-05	2.25e-05
128	2	0.01	-1.09e-03	-7.05e-03	0.0	1.44e-04	-2.90e-05
128	3	4.92e-04	-2.00e-04	-1.12e-03	0.0	-1.40e-06	4.21e-06
128	4	4.22e-03	-4.49e-04	-2.83e-03	0.0	5.30e-05	-1.10e-05
129	1	-2.71e-03	1.33e-04	-3.72e-03	-1.00e-04	3.68e-04	7.83e-05
129	2	2.01e-03	7.94e-05	-7.81e-03	-2.16e-04	-2.22e-04	-1.35e-05
129	3	-6.48e-04	4.12e-05	-1.85e-03	-5.12e-05	9.24e-05	2.22e-05
129	4	7.51e-04	2.52e-05	-3.06e-03	-8.56e-05	-8.25e-05	-5.06e-06
130	1	-1.42e-03	-3.40e-04	-2.05e-03	0.0	-7.59e-05	-9.92e-06
130	2	0.01	-1.45e-03	-0.01	0.0	1.21e-04	7.12e-06



130	3	4.65e-04	-2.67e-04	-1.75e-03	0.0	-1.42e-05	-2.72e-06
130	4	4.30e-03	-5.96e-04	-4.34e-03	0.0	4.41e-05	2.33e-06
131	1	0.0	0.0	0.0	0.0	0.0	4.16e-05
131	2	0.0	0.0	0.0	0.0	0.0	-4.31e-05
131	3	0.0	0.0	0.0	0.0	0.0	9.08e-06
131	4	0.0	0.0	0.0	0.0	0.0	-1.60e-05
132	1	-9.29e-04	-4.28e-04	-3.01e-03	0.0	-7.92e-05	-3.43e-05
132	2	0.01	-1.77e-03	-0.02	0.0	1.25e-04	5.03e-05
132	3	5.78e-04	-3.32e-04	-2.50e-03	0.0	-1.52e-05	-6.78e-06
132	4	4.11e-03	-7.31e-04	-6.06e-03	0.0	4.54e-05	1.83e-05
133	1	1.59e-04	4.81e-04	-0.02	-1.28e-04	3.48e-05	7.69e-06
133	2	1.06e-04	1.82e-03	-0.06	-3.96e-04	5.95e-06	0.0
133	3	6.08e-05	3.63e-04	-0.01	-8.44e-05	1.13e-05	2.35e-06
133	4	4.51e-05	7.60e-04	-0.02	-1.64e-04	2.76e-06	0.0
134	1	-1.48e-04	-5.06e-04	-0.02	-1.25e-04	3.00e-05	-2.57e-05
134	2	-1.97e-04	-1.20e-03	-0.06	-3.85e-04	3.92e-05	-1.34e-06
134	3	-5.93e-05	-2.81e-04	-0.01	-8.19e-05	1.26e-05	-7.80e-06
134	4	-7.37e-05	-4.88e-04	-0.02	-1.59e-04	1.53e-05	0.0
135	1	-1.51e-04	-5.13e-04	-4.13e-03	0.0	-4.17e-05	-3.43e-05
135	2	9.44e-03	-2.04e-03	-0.02	0.0	1.59e-04	1.10e-04
135	3	7.01e-04	-3.91e-04	-3.35e-03	0.0	-1.89e-06	-2.40e-06
135	4	3.54e-03	-8.43e-04	-7.94e-03	0.0	5.76e-05	4.03e-05
136	1	8.61e-04	7.84e-04	-0.01	-1.43e-04	1.36e-03	-1.57e-06
136	2	-1.26e-04	2.05e-03	-0.02	-3.70e-04	-3.20e-04	0.0
136	3	2.50e-04	4.44e-04	-5.65e-03	-8.10e-05	3.80e-04	0.0
136	4	-4.20e-05	8.20e-04	-9.50e-03	-1.48e-04	-1.19e-04	0.0
137	1	-2.71e-04	-2.47e-04	-4.64e-04	0.0	-1.17e-06	2.10e-05
137	2	6.45e-03	-1.17e-03	-2.68e-03	0.0	4.22e-04	-1.20e-04
137	3	4.10e-04	-2.02e-04	-4.17e-04	0.0	3.13e-05	-3.09e-06
137	4	2.40e-03	-4.76e-04	-1.07e-03	0.0	1.57e-04	-4.49e-05
138	1	1.71e-03	-5.86e-04	-8.20e-03	-6.67e-05	0.0	-3.50e-05
138	2	3.46e-03	-2.17e-03	-0.03	-2.44e-04	0.0	6.88e-05
138	3	8.76e-04	-4.37e-04	-6.27e-03	-4.83e-05	0.0	-7.69e-06
138	4	1.40e-03	-9.05e-04	-0.01	-1.01e-04	0.0	2.31e-05
139	1	-6.27e-06	-9.11e-05	-1.07e-04	0.0	5.81e-06	3.37e-06
139	2	2.39e-03	-4.47e-04	-6.25e-04	0.0	1.97e-04	-1.96e-04
139	3	1.78e-04	-7.56e-05	-9.67e-05	0.0	1.65e-05	-2.14e-05
139	4	8.87e-04	-1.81e-04	-2.50e-04	0.0	7.31e-05	-7.27e-05
140	1	-3.90e-05	-1.41e-04	-1.30e-04	-9.20e-06	0.0	6.05e-06
140	2	5.01e-04	-7.22e-04	-7.35e-04	-5.64e-05	1.95e-04	-5.07e-05
140	3	2.69e-05	-1.19e-04	-1.16e-04	-8.47e-06	1.49e-05	-2.14e-06
140	4	1.87e-04	-2.92e-04	-2.95e-04	-2.25e-05	7.23e-05	-1.90e-05
141	1	6.08e-05	-4.26e-05	-9.50e-05	0.0	7.22e-06	-2.92e-06
141	2	3.78e-03	-1.87e-04	-5.75e-04	0.0	7.94e-05	-3.18e-04
141	3	3.02e-04	-3.36e-05	-8.74e-05	0.0	8.05e-06	-2.48e-05
141	4	1.40e-03	-7.63e-05	-2.30e-04	0.0	2.94e-05	-1.18e-04
142	1	0.0	0.0	0.0	0.0	0.0	-5.87e-06
142	2	0.0	0.0	0.0	0.0	-3.53e-06	-1.95e-04
142	3	0.0	0.0	0.0	0.0	0.0	-1.63e-05
142	4	0.0	0.0	0.0	0.0	-1.31e-06	-7.25e-05
143	1	7.79e-05	2.35e-05	-9.57e-05	0.0	-6.08e-06	-4.81e-06
143	2	2.62e-03	1.80e-04	-5.91e-04	0.0	-2.80e-04	-2.06e-04
143	3	2.19e-04	2.46e-05	-8.85e-05	0.0	-2.30e-05	-1.69e-05
143	4	9.72e-04	7.11e-05	-2.35e-04	0.0	-1.04e-04	-7.65e-05
144	1	-1.99e-06	7.42e-05	-1.06e-04	-1.07e-05	-1.29e-05	0.0
144	2	-2.73e-04	4.90e-04	-6.58e-04	-6.31e-05	-4.17e-04	1.36e-05
144	3	-2.39e-05	7.14e-05	-9.81e-05	-9.70e-06	-3.55e-05	1.45e-06
144	4	-1.04e-04	1.94e-04	-2.62e-04	-2.53e-05	-1.55e-04	5.38e-06
145	1	3.38e-04	4.87e-04	-0.02	-1.29e-04	1.31e-04	4.39e-06
145	2	5.46e-05	1.91e-03	-0.05	-4.09e-04	-9.77e-05	0.0
145	3	1.11e-04	3.67e-04	-0.01	-8.50e-05	3.16e-05	1.30e-06
145	4	2.64e-05	7.87e-04	-0.02	-1.68e-04	-3.61e-05	0.0
146	1	-7.32e-04	-3.65e-04	-9.70e-04	0.0	-4.34e-05	1.95e-05
146	2	8.81e-03	-1.68e-03	-5.43e-03	0.0	4.34e-04	-5.94e-05
146	3	4.57e-04	-2.94e-04	-8.57e-04	0.0	1.96e-05	0.0
146	4	3.28e-03	-6.83e-04	-2.18e-03	0.0	1.61e-04	-2.24e-05
147	1	-1.43e-03	-4.58e-04	-0.02	-1.28e-04	2.40e-04	-4.24e-05
147	2	1.19e-03	-1.03e-03	-0.04	-3.98e-04	-9.03e-05	2.10e-05
147	3	-3.29e-04	-2.48e-04	-9.89e-03	-8.25e-05	6.47e-05	-1.09e-05
147	4	4.46e-04	-4.18e-04	-0.02	-1.63e-04	-3.31e-05	7.86e-06
148	1	-7.07e-03	-2.05e-03	-0.01	0.0	-2.89e-04	-1.39e-04
148	2	1.51e-03	-5.72e-03	-0.03	0.0	1.50e-04	4.55e-05
148	3	-1.99e-03	-1.23e-03	-7.34e-03	0.0	-7.32e-05	-3.75e-05
148	4	5.54e-04	-2.31e-03	-0.01	0.0	5.67e-05	1.71e-05
149	1	-8.44e-03	-1.61e-04	-0.01	0.0	8.26e-04	-6.98e-05
149	2	2.10e-03	-4.65e-04	-0.02	0.0	-2.00e-04	1.01e-05
149	3	-2.34e-03	-1.02e-04	-5.65e-03	0.0	2.30e-04	-1.99e-05



149	4	7.84e-04	-1.92e-04	-9.50e-03	0.0	-7.40e-05	3.72e-06
150	1	7.66e-04	6.18e-04	-0.01	-1.34e-04	9.48e-04	-5.34e-06
150	2	-7.87e-05	2.07e-03	-0.03	-3.98e-04	-2.78e-04	0.0
150	3	2.27e-04	4.04e-04	-7.33e-03	-8.24e-05	2.60e-04	-1.66e-06
150	4	-2.38e-05	8.34e-04	-0.01	-1.60e-04	-1.03e-04	0.0
151	1	-8.64e-04	-4.81e-04	-0.02	0.0	1.67e-04	-5.48e-05
151	2	5.81e-04	-1.11e-03	-0.05	0.0	-1.36e-05	3.90e-05
151	3	-2.09e-04	-2.63e-04	-0.01	0.0	4.94e-05	-1.32e-05
151	4	2.19e-04	-4.48e-04	-0.02	0.0	-4.27e-06	1.46e-05
152	1	-6.40e-03	-2.33e-03	-0.01	-1.36e-04	-3.00e-04	-1.08e-04
152	2	1.16e-03	-6.53e-03	-0.03	-3.99e-04	1.54e-04	4.55e-05
152	3	-1.82e-03	-1.40e-03	-7.35e-03	-8.28e-05	-7.63e-05	-2.83e-05
152	4	4.24e-04	-2.64e-03	-0.01	-1.61e-04	5.83e-05	1.71e-05
153	1	-2.68e-03	-1.84e-03	-0.02	-1.29e-04	1.37e-04	-8.27e-05
153	2	-1.43e-04	-5.34e-03	-0.05	-4.12e-04	1.20e-04	4.97e-05
153	3	-8.15e-04	-1.15e-03	-0.01	-8.52e-05	5.12e-05	-2.06e-05
153	4	-6.39e-05	-2.18e-03	-0.02	-1.69e-04	4.62e-05	1.87e-05
154	1	-8.16e-03	-2.05e-03	-0.01	0.0	-4.37e-04	-1.22e-04
154	2	1.83e-03	-5.60e-03	-0.03	0.0	1.50e-04	3.83e-05
154	3	-2.29e-03	-1.21e-03	-6.50e-03	0.0	-1.17e-04	-3.32e-05
154	4	6.74e-04	-2.26e-03	-0.01	0.0	5.65e-05	1.44e-05
155	1	-7.69e-03	-1.77e-03	-0.01	0.0	-2.36e-04	-1.78e-04
155	2	1.83e-03	-4.92e-03	-0.03	0.0	1.32e-04	4.40e-05
155	3	-2.14e-03	-1.06e-03	-7.34e-03	0.0	-5.90e-05	-4.94e-05
155	4	6.77e-04	-1.99e-03	-0.01	0.0	5.02e-05	1.65e-05
156	1	-5.40e-04	-6.65e-04	-2.07e-03	-4.17e-05	-1.07e-04	-1.73e-05
156	2	8.95e-03	-2.92e-03	-0.01	-1.95e-04	3.79e-04	-1.36e-05
156	3	5.36e-04	-5.24e-04	-1.76e-03	-3.35e-05	-3.67e-06	-6.63e-06
156	4	3.35e-03	-1.19e-03	-4.36e-03	-7.89e-05	1.40e-04	-5.54e-06
157	1	-2.28e-04	-3.64e-04	-4.83e-04	-1.91e-05	-1.02e-05	9.29e-06
157	2	2.95e-03	-1.80e-03	-2.76e-03	-1.08e-04	4.50e-04	-7.59e-05
157	3	1.59e-04	-3.03e-04	-4.32e-04	-1.70e-05	3.08e-05	-3.23e-06
157	4	1.10e-03	-7.27e-04	-1.11e-03	-4.34e-05	1.67e-04	-2.85e-05
158	1	5.60e-04	5.20e-04	-0.02	-1.30e-04	4.26e-04	0.0
158	2	-1.34e-05	2.01e-03	-0.04	-4.11e-04	-2.02e-04	0.0
158	3	1.71e-04	3.78e-04	-9.02e-03	-8.39e-05	1.11e-04	0.0
158	4	0.0	8.19e-04	-0.02	-1.67e-04	-7.49e-05	0.0
159	1	6.15e-04	9.03e-04	-5.03e-03	-1.31e-04	6.68e-04	4.19e-06
159	2	-1.34e-04	1.72e-03	-0.01	-2.76e-04	-3.05e-04	0.0
159	3	1.75e-04	4.36e-04	-2.50e-03	-6.64e-05	1.75e-04	1.19e-06
159	4	-4.68e-05	6.78e-04	-4.11e-03	-1.09e-04	-1.13e-04	0.0
160	1	4.73e-04	1.47e-04	-7.48e-03	0.0	-8.25e-05	7.98e-06
160	2	1.42e-03	4.36e-04	-0.03	0.0	-2.79e-04	1.31e-04
160	3	2.57e-04	8.78e-05	-5.76e-03	0.0	-5.18e-05	1.25e-05
160	4	5.39e-04	1.74e-04	-0.01	0.0	-1.10e-04	4.88e-05
161	1	-2.42e-04	-1.28e-04	-4.53e-04	0.0	8.46e-06	3.12e-05
161	2	8.97e-03	-5.56e-04	-2.65e-03	0.0	1.88e-04	-1.50e-04
161	3	6.07e-04	-1.01e-04	-4.09e-04	0.0	1.65e-05	-2.34e-06
161	4	3.34e-03	-2.28e-04	-1.06e-03	0.0	6.97e-05	-5.61e-05
162	1	-4.98e-04	-3.08e-04	-6.96e-04	0.0	-1.90e-05	2.26e-05
162	2	7.79e-03	-1.44e-03	-3.96e-03	0.0	4.47e-04	-8.59e-05
162	3	4.46e-04	-2.51e-04	-6.20e-04	0.0	2.79e-05	0.0
162	4	2.90e-03	-5.87e-04	-1.59e-03	0.0	1.66e-04	-3.22e-05
163	1	-2.82e-04	6.70e-04	-6.77e-03	-6.92e-05	-1.24e-04	7.34e-06
163	2	-1.56e-03	2.27e-03	-0.03	-2.42e-04	-6.43e-04	1.05e-05
163	3	-2.43e-04	4.60e-04	-5.26e-03	-4.93e-05	-9.36e-05	3.86e-06
163	4	-6.22e-04	9.34e-04	-0.01	-1.00e-04	-2.47e-04	4.81e-06
164	1	8.07e-04	9.18e-04	-7.97e-03	-1.46e-04	1.21e-03	6.21e-06
164	2	-1.45e-04	1.94e-03	-0.02	-3.29e-04	-3.31e-04	0.0
164	3	2.32e-04	4.67e-04	-4.01e-03	-7.68e-05	3.34e-04	1.78e-06
164	4	-5.01e-05	7.71e-04	-6.62e-03	-1.31e-04	-1.23e-04	0.0
165	1	1.40e-04	4.52e-05	-2.67e-04	-1.51e-05	-5.99e-06	7.98e-06
165	2	5.65e-03	3.38e-04	-1.61e-03	-6.74e-05	-6.11e-04	-1.03e-04
165	3	4.65e-04	4.63e-05	-2.44e-04	-1.19e-05	-4.80e-05	-5.25e-06
165	4	2.10e-03	1.33e-04	-6.43e-04	-2.74e-05	-2.27e-04	-3.81e-05
166	1	1.51e-05	1.88e-04	-4.61e-04	-2.04e-05	1.58e-05	1.05e-06
166	2	-7.77e-04	1.15e-03	-2.71e-03	-1.14e-04	-9.55e-04	1.59e-05
166	3	-6.01e-05	1.73e-04	-4.16e-04	-1.80e-05	-6.82e-05	1.74e-06
166	4	-2.95e-04	4.58e-04	-1.08e-03	-4.56e-05	-3.56e-04	6.15e-06
167	1	-3.69e-04	7.31e-05	-6.85e-04	-2.54e-05	4.34e-05	2.23e-05
167	2	7.62e-03	5.04e-04	-3.97e-03	-1.17e-04	-8.68e-04	-3.24e-05
167	3	4.65e-04	7.08e-05	-6.15e-04	-2.01e-05	-5.33e-05	4.25e-06
167	4	2.83e-03	1.99e-04	-1.59e-03	-4.71e-05	-3.23e-04	-1.20e-05
168	1	-1.61e-04	6.36e-04	-5.40e-03	-6.55e-05	-7.05e-05	5.28e-06
168	2	-1.59e-03	2.24e-03	-0.02	-2.41e-04	-7.71e-04	7.79e-06
168	3	-1.97e-04	4.43e-04	-4.28e-03	-4.74e-05	-1.00e-04	2.80e-06
168	4	-6.19e-04	9.19e-04	-9.92e-03	-9.95e-05	-3.67e-04	3.54e-06



169	1	0.0	0.0	0.0	0.0	0.0	0.0
169	2	0.0	0.0	0.0	0.0	1.92e-06	-1.87e-04
169	3	0.0	0.0	0.0	0.0	0.0	-1.44e-05
169	4	0.0	0.0	0.0	0.0	0.0	-6.96e-05
170	1	-6.43e-05	5.80e-04	-4.13e-03	-5.91e-05	4.17e-05	3.75e-06
170	2	-1.61e-03	2.20e-03	-0.02	-2.33e-04	-1.14e-03	8.12e-06
170	3	-1.62e-04	4.16e-04	-3.35e-03	-4.40e-05	-7.74e-05	2.22e-06
170	4	-6.19e-04	8.94e-04	-7.95e-03	-9.55e-05	-4.27e-04	3.52e-06
171	1	4.69e-04	1.48e-04	-8.19e-03	-6.74e-05	-1.12e-04	-1.42e-05
171	2	5.15e-04	4.37e-04	-0.03	-2.34e-04	-2.70e-04	1.21e-05
171	3	1.89e-04	8.79e-05	-6.27e-03	-4.78e-05	-6.25e-05	-3.86e-06
171	4	2.03e-04	1.74e-04	-0.01	-9.72e-05	-1.09e-04	3.91e-06
172	1	2.91e-06	5.06e-04	-3.01e-03	-5.11e-05	1.51e-04	2.75e-06
172	2	-1.57e-03	2.10e-03	-0.02	-2.18e-04	-1.19e-03	1.01e-05
172	3	-1.34e-04	3.79e-04	-2.51e-03	-3.93e-05	-4.81e-05	1.99e-06
172	4	-6.01e-04	8.52e-04	-6.07e-03	-8.88e-05	-4.46e-04	4.17e-06
173	1	3.73e-05	4.20e-04	-2.06e-03	-4.24e-05	1.91e-04	2.29e-06
173	2	-1.47e-03	1.95e-03	-0.01	-1.96e-04	-1.20e-03	1.31e-05
173	3	-1.13e-04	3.32e-04	-1.76e-03	-3.39e-05	-3.57e-05	2.02e-06
173	4	-5.58e-04	7.86e-04	-4.36e-03	-7.94e-05	-4.47e-04	5.22e-06
174	1	4.19e-05	3.28e-04	-1.29e-03	-3.35e-05	1.44e-04	1.92e-06
174	2	-1.28e-03	1.71e-03	-7.11e-03	-1.67e-04	-1.17e-03	1.62e-05
174	3	-9.40e-05	2.77e-04	-1.13e-03	-2.79e-05	-4.68e-05	2.10e-06
174	4	-4.86e-04	6.87e-04	-2.85e-03	-6.75e-05	-4.35e-04	6.32e-06
175	1	2.58e-05	2.35e-04	-6.94e-04	-2.48e-05	5.18e-05	1.32e-06
175	2	-9.88e-04	1.37e-03	-4.01e-03	-1.32e-04	-1.06e-03	1.83e-05
175	3	-7.40e-05	2.11e-04	-6.21e-04	-2.13e-05	-6.52e-05	2.06e-06
175	4	-3.75e-04	5.48e-04	-1.60e-03	-5.31e-05	-3.93e-04	7.09e-06
176	1	4.81e-06	1.39e-04	-2.75e-04	-1.60e-05	-1.27e-05	0.0
176	2	-5.78e-04	8.83e-04	-1.66e-03	-8.99e-05	-7.55e-04	1.80e-05
176	3	-4.66e-05	1.31e-04	-2.51e-04	-1.42e-05	-6.10e-05	1.81e-06
176	4	-2.19e-04	3.51e-04	-6.61e-04	-3.61e-05	-2.81e-04	6.97e-06
177	1	3.57e-04	7.08e-04	-2.53e-03	-1.02e-04	2.41e-04	-1.48e-06
177	2	-9.52e-05	1.34e-03	-5.32e-03	-2.12e-04	-2.30e-04	0.0
177	3	1.00e-04	3.38e-04	-1.26e-03	-5.08e-05	5.41e-05	0.0
177	4	-3.35e-05	5.27e-04	-2.08e-03	-8.34e-05	-8.54e-05	0.0
178	1	0.0	0.0	0.0	-9.89e-06	0.0	0.0
178	2	0.0	0.0	0.0	-5.61e-05	2.14e-06	-7.02e-06
178	3	0.0	0.0	0.0	-8.72e-06	0.0	0.0
178	4	0.0	0.0	0.0	-2.24e-05	0.0	-2.61e-06
179	1	-4.31e-04	-5.19e-04	-9.85e-04	-2.80e-05	-4.90e-05	2.79e-06
179	2	5.75e-03	-2.45e-03	-5.49e-03	-1.49e-04	4.97e-04	-6.80e-05
179	3	3.16e-04	-4.23e-04	-8.67e-04	-2.41e-05	2.28e-05	-4.67e-06
179	4	2.15e-03	-9.96e-04	-2.20e-03	-5.98e-05	1.85e-04	-2.56e-05
180	1	1.08e-03	-4.10e-04	-7.48e-03	-6.91e-05	-7.61e-05	-2.57e-05
180	2	2.93e-03	-1.50e-03	-0.03	-2.39e-04	-1.23e-04	8.39e-05
180	3	6.04e-04	-3.07e-04	-5.76e-03	-4.91e-05	-3.95e-05	-2.92e-06
180	4	1.15e-03	-6.29e-04	-0.01	-9.95e-05	-5.34e-05	2.96e-05
181	1	1.25e-03	-3.20e-04	-8.19e-03	-6.86e-05	-1.13e-04	-3.27e-05
181	2	2.35e-03	-1.20e-03	-0.03	-2.42e-04	-3.77e-04	3.57e-05
181	3	6.22e-04	-2.45e-04	-6.27e-03	-4.91e-05	-6.26e-05	-9.13e-06
181	4	9.46e-04	-5.07e-04	-0.01	-1.00e-04	-1.08e-04	1.11e-05
182	1	-9.52e-04	-2.10e-04	-9.62e-04	0.0	-2.23e-05	3.68e-05
182	2	0.01	-9.13e-04	-5.41e-03	0.0	1.91e-04	-5.55e-05
182	3	5.49e-04	-1.66e-04	-8.51e-04	0.0	7.46e-06	6.46e-06
182	4	4.06e-03	-3.74e-04	-2.17e-03	0.0	7.07e-05	-2.09e-05
183	1	-9.22e-04	-4.16e-04	-1.29e-03	0.0	-6.98e-05	9.87e-06
183	2	9.61e-03	-1.88e-03	-7.08e-03	0.0	4.04e-04	-3.84e-05
183	3	4.64e-04	-3.33e-04	-1.13e-03	0.0	9.48e-06	0.0
183	4	3.58e-03	-7.67e-04	-2.84e-03	0.0	1.50e-04	-1.46e-05
184	1	-3.51e-04	6.79e-04	-7.48e-03	-6.93e-05	-1.22e-04	8.62e-06
184	2	-1.58e-03	2.28e-03	-0.03	-2.39e-04	-4.37e-04	1.54e-05
184	3	-2.73e-04	4.65e-04	-5.76e-03	-4.92e-05	-7.78e-05	4.71e-06
184	4	-6.37e-04	9.39e-04	-0.01	-9.94e-05	-1.71e-04	6.73e-06
185	1	-6.88e-04	8.46e-05	-9.59e-04	0.0	6.83e-05	3.53e-05
185	2	7.25e-03	5.49e-04	-5.41e-03	0.0	-8.18e-04	-2.85e-05
185	3	3.43e-04	7.87e-05	-8.49e-04	0.0	-4.24e-05	8.18e-06
185	4	2.69e-03	2.16e-04	-2.17e-03	0.0	-3.05e-04	-1.07e-05
186	1	-1.23e-03	1.23e-04	-2.50e-03	0.0	1.05e-04	-1.54e-05
186	2	7.39e-03	5.70e-04	-0.01	0.0	-8.65e-04	6.98e-06
186	3	1.95e-04	9.30e-05	-2.11e-03	0.0	-3.60e-05	-4.21e-06
186	4	2.75e-03	2.25e-04	-5.18e-03	0.0	-3.23e-04	2.43e-06
187	1	2.49e-05	4.64e-04	-2.51e-03	-4.71e-05	1.88e-04	1.93e-06
187	2	-1.50e-03	2.04e-03	-0.01	-2.09e-04	-1.24e-03	9.54e-06
187	3	-1.21e-04	3.57e-04	-2.12e-03	-3.69e-05	-4.02e-05	1.61e-06
187	4	-5.73e-04	8.22e-04	-5.18e-03	-8.49e-05	-4.62e-04	3.87e-06
188	1	1.98e-04	-1.10e-04	-0.02	-3.69e-05	0.0	1.60e-05



188	2	1.69e-04	-6.19e-04	-0.06	-3.17e-04	0.0	5.79e-05
188	3	7.06e-05	-1.25e-04	-0.01	-4.67e-05	0.0	9.24e-06
188	4	6.22e-05	-2.76e-04	-0.02	-1.30e-04	0.0	2.17e-05
189	1	-1.21e-03	1.30e-04	-3.00e-03	-4.77e-05	1.04e-04	-1.79e-05
189	2	8.10e-03	5.52e-04	-0.02	-2.11e-04	-9.71e-04	2.41e-05
189	3	2.55e-04	9.36e-05	-2.50e-03	-3.76e-05	-4.49e-05	-3.40e-06
189	4	3.02e-03	2.19e-04	-6.07e-03	-8.59e-05	-3.63e-04	9.06e-06
190	1	4.34e-04	1.46e-04	-5.40e-03	-6.20e-05	-4.83e-05	-1.19e-05
190	2	6.36e-03	4.66e-04	-0.02	-2.42e-04	-7.10e-04	8.34e-05
190	3	6.24e-04	9.03e-05	-4.28e-03	-4.62e-05	-7.26e-05	2.93e-06
190	4	2.38e-03	1.85e-04	-9.92e-03	-9.96e-05	-2.69e-04	3.12e-05
191	1	0.0	0.0	0.0	-3.85e-05	0.0	3.71e-06
191	2	0.0	0.0	0.0	-7.86e-05	0.0	0.0
191	3	0.0	0.0	0.0	-1.86e-05	0.0	1.20e-06
191	4	0.0	0.0	0.0	-3.04e-05	0.0	0.0
192	1	-9.08e-05	4.77e-04	-0.02	-1.27e-04	-3.29e-05	-6.49e-06
192	2	-1.20e-04	1.81e-03	-0.06	-3.86e-04	-3.81e-05	0.0
192	3	-4.13e-05	3.60e-04	-0.01	-8.32e-05	-1.33e-05	-1.92e-06
192	4	-4.98e-05	7.54e-04	-0.02	-1.60e-04	-1.49e-05	0.0
193	1	-2.42e-04	4.78e-04	-0.02	-1.28e-04	-6.82e-05	-6.11e-06
193	2	-8.33e-05	1.86e-03	-0.05	-4.01e-04	3.59e-05	0.0
193	3	-8.40e-05	3.63e-04	-0.01	-8.45e-05	-1.79e-05	-1.79e-06
193	4	-3.70e-05	7.73e-04	-0.02	-1.65e-04	1.29e-05	0.0
194	1	-4.39e-04	4.97e-04	-0.02	-1.28e-04	-2.36e-04	-4.00e-06
194	2	-1.85e-05	1.96e-03	-0.04	-4.08e-04	1.40e-04	0.0
194	3	-1.37e-04	3.71e-04	-9.72e-03	-8.39e-05	-5.95e-05	-1.13e-06
194	4	-1.30e-05	8.05e-04	-0.02	-1.67e-04	5.19e-05	0.0
195	1	-6.59e-04	5.60e-04	-0.01	-1.30e-04	-6.10e-04	-1.08e-06
195	2	5.30e-05	2.05e-03	-0.04	-4.02e-04	2.29e-04	0.0
195	3	-1.97e-04	3.89e-04	-8.03e-03	-8.22e-05	-1.64e-04	0.0
195	4	1.40e-05	8.30e-04	-0.01	-1.63e-04	8.51e-05	0.0
196	1	-8.00e-04	6.86e-04	-0.01	-1.35e-04	-1.07e-03	0.0
196	2	1.13e-04	2.07e-03	-0.03	-3.80e-04	2.87e-04	0.0
196	3	-2.33e-04	4.21e-04	-6.36e-03	-8.03e-05	-2.96e-04	0.0
196	4	3.68e-05	8.31e-04	-0.01	-1.53e-04	1.06e-04	0.0
197	1	-8.07e-04	8.26e-04	-9.11e-03	-1.39e-04	-1.21e-03	-1.29e-06
197	2	1.47e-04	2.01e-03	-0.02	-3.46e-04	3.14e-04	0.0
197	3	-2.32e-04	4.49e-04	-4.71e-03	-7.67e-05	-3.35e-04	0.0
197	4	5.05e-05	8.00e-04	-8.04e-03	-1.38e-04	1.17e-04	0.0
198	1	-7.09e-04	8.81e-04	-6.20e-03	-1.31e-04	-8.57e-04	-1.85e-06
198	2	1.51e-04	1.85e-03	-0.01	-2.98e-04	3.09e-04	0.0
198	3	-2.02e-04	4.44e-04	-3.16e-03	-6.90e-05	-2.31e-04	0.0
198	4	5.27e-05	7.31e-04	-5.34e-03	-1.18e-04	1.15e-04	0.0
199	1	-4.82e-04	7.82e-04	-3.54e-03	-1.09e-04	-3.91e-04	0.0
199	2	1.23e-04	1.55e-03	-7.80e-03	-2.40e-04	2.63e-04	0.0
199	3	-1.36e-04	3.82e-04	-1.79e-03	-5.61e-05	-9.60e-05	0.0
199	4	4.34e-05	6.11e-04	-3.06e-03	-9.47e-05	9.75e-05	0.0
200	1	-2.36e-04	5.28e-04	-1.47e-03	-7.73e-05	-1.17e-04	3.14e-06
200	2	7.24e-05	1.08e-03	-3.32e-03	-1.70e-04	1.66e-04	0.0
200	3	-6.58e-05	2.58e-04	-7.46e-04	-3.93e-05	-2.23e-05	0.0
200	4	2.56e-05	4.20e-04	-1.29e-03	-6.68e-05	6.18e-05	0.0
201	1	0.0	0.0	0.0	-5.43e-05	0.0	-4.63e-06
201	2	0.0	0.0	0.0	-1.26e-04	0.0	1.64e-06
201	3	0.0	0.0	0.0	-2.81e-05	0.0	-1.25e-06
201	4	0.0	0.0	0.0	-4.92e-05	0.0	0.0
202	1	3.76e-04	-1.38e-03	-0.02	-1.28e-04	-3.18e-05	5.48e-05
202	2	4.92e-04	-3.89e-03	-0.06	-3.97e-04	-4.07e-05	-4.52e-06
202	3	1.54e-04	-8.52e-04	-0.01	-8.44e-05	-1.32e-05	1.61e-05
202	4	1.89e-04	-1.60e-03	-0.02	-1.64e-04	-1.58e-05	-1.53e-06
203	1	3.60e-03	-1.97e-03	-0.02	-1.29e-04	-9.65e-05	8.50e-05
203	2	-1.99e-04	-5.75e-03	-0.04	-4.14e-04	-1.27e-04	-5.32e-05
203	3	1.06e-03	-1.23e-03	-9.72e-03	-8.47e-05	-3.96e-05	2.10e-05
203	4	-6.30e-05	-2.34e-03	-0.02	-1.69e-04	-4.86e-05	-2.00e-05
204	1	1.68e-03	-1.69e-03	-0.02	-1.29e-04	-1.13e-04	6.96e-05
204	2	4.20e-04	-4.87e-03	-0.05	-4.07e-04	-9.75e-05	-3.75e-05
204	3	5.41e-04	-1.06e-03	-0.01	-8.55e-05	-4.22e-05	1.77e-05
204	4	1.67e-04	-2.00e-03	-0.02	-1.68e-04	-3.76e-05	-1.41e-05
205	1	3.05e-03	-1.93e-03	-3.60e-03	-1.11e-04	1.69e-04	-8.18e-05
205	2	-8.58e-04	-4.61e-03	-7.95e-03	-2.41e-04	-1.43e-04	6.89e-06
205	3	8.42e-04	-1.04e-03	-1.84e-03	-5.65e-05	3.90e-05	-2.38e-05
205	4	-3.17e-04	-1.83e-03	-3.12e-03	-9.49e-05	-3.73e-05	2.46e-06
206	1	1.14e-03	-1.22e-03	-1.58e-03	-7.56e-05	6.78e-05	-7.34e-05
206	2	-3.44e-04	-2.87e-03	-3.54e-03	-1.65e-04	-9.05e-05	1.16e-05
206	3	3.13e-04	-6.51e-04	-8.07e-04	-3.82e-05	1.32e-05	-2.09e-05
206	4	-1.27e-04	-1.14e-03	-1.39e-03	-6.48e-05	-3.37e-05	4.26e-06
207	1	5.02e-03	-2.33e-03	-6.20e-03	-1.35e-04	3.48e-04	-4.25e-05
207	2	-1.31e-03	-5.78e-03	-0.01	-3.02e-04	-1.66e-04	-4.84e-06



207	3	1.39e-03	-1.29e-03	-3.17e-03	-7.03e-05	9.04e-05	-1.31e-05
207	4	-4.83e-04	-2.31e-03	-5.38e-03	-1.20e-04	-6.19e-05	-1.94e-06
208	1	6.33e-03	-2.46e-03	-9.08e-03	-1.44e-04	4.92e-04	2.63e-05
208	2	-1.51e-03	-6.43e-03	-0.02	-3.51e-04	-1.67e-04	-2.08e-05
208	3	1.77e-03	-1.41e-03	-4.71e-03	-7.85e-05	1.33e-04	6.05e-06
208	4	-5.56e-04	-2.58e-03	-8.07e-03	-1.40e-04	-6.26e-05	-7.90e-06
209	1	6.48e-03	-2.39e-03	-0.01	-1.39e-04	4.09e-04	8.39e-05
209	2	-1.37e-03	-6.61e-03	-0.03	-3.87e-04	-1.59e-04	-3.79e-05
209	3	1.82e-03	-1.41e-03	-6.35e-03	-8.19e-05	1.08e-04	2.18e-05
209	4	-5.00e-04	-2.66e-03	-0.01	-1.55e-04	-6.00e-05	-1.43e-05
210	1	5.42e-03	-2.21e-03	-0.01	-1.32e-04	1.28e-04	1.03e-04
210	2	-8.86e-04	-6.36e-03	-0.04	-4.08e-04	-1.49e-04	-5.14e-05
210	3	1.55e-03	-1.35e-03	-8.03e-03	-8.32e-05	2.55e-05	2.63e-05
210	4	-3.20e-04	-2.58e-03	-0.01	-1.65e-04	-5.65e-05	-1.94e-05
211	1	8.49e-03	-1.95e-03	-9.07e-03	0.0	4.84e-04	1.76e-05
211	2	-2.21e-03	-5.13e-03	-0.02	0.0	-1.52e-04	-2.08e-05
211	3	2.35e-03	-1.12e-03	-4.70e-03	0.0	1.31e-04	3.53e-06
211	4	-8.18e-04	-2.06e-03	-8.05e-03	0.0	-5.69e-05	-7.85e-06
212	1	1.62e-03	-4.41e-04	-1.45e-03	0.0	-2.72e-05	-1.03e-04
212	2	-1.65e-03	-1.11e-03	-3.23e-03	0.0	-3.09e-05	5.57e-05
212	3	3.54e-04	-2.46e-04	-7.35e-04	0.0	-1.05e-05	-2.62e-05
212	4	-6.14e-04	-4.45e-04	-1.26e-03	0.0	-1.16e-05	2.07e-05
213	1	4.54e-03	-8.16e-04	-3.52e-03	0.0	-8.13e-06	-1.74e-04
213	2	-2.55e-03	-2.07e-03	-7.74e-03	0.0	-5.34e-05	2.93e-05
213	3	1.15e-03	-4.57e-04	-1.79e-03	0.0	-6.58e-06	-4.94e-05
213	4	-9.50e-04	-8.27e-04	-3.04e-03	0.0	-2.00e-05	1.09e-05
214	1	0.0	0.0	0.0	0.0	0.0	-4.65e-05
214	2	0.0	0.0	0.0	0.0	0.0	6.92e-05
214	3	0.0	0.0	0.0	0.0	0.0	-8.53e-06
214	4	0.0	0.0	0.0	0.0	0.0	2.57e-05
215	1	8.33e-03	-1.16e-03	-6.16e-03	0.0	1.26e-04	-1.53e-04
215	2	-2.90e-03	-3.00e-03	-0.01	0.0	-7.28e-05	3.68e-06
215	3	2.25e-03	-6.59e-04	-3.14e-03	0.0	3.17e-05	-4.51e-05
215	4	-1.08e-03	-1.20e-03	-5.32e-03	0.0	-2.74e-05	1.33e-06
216	1	0.01	-1.45e-03	-9.07e-03	0.0	2.96e-04	-1.77e-06
216	2	-2.76e-03	-3.86e-03	-0.02	0.0	-9.10e-05	-1.73e-05
216	3	2.84e-03	-8.39e-04	-4.70e-03	0.0	8.03e-05	-1.90e-06
216	4	-1.03e-03	-1.55e-03	-8.04e-03	0.0	-3.43e-05	-6.51e-06
217	1	8.75e-03	-1.67e-03	-0.01	0.0	2.78e-04	1.27e-04
217	2	-2.23e-03	-4.60e-03	-0.03	0.0	-1.10e-04	-3.56e-05
217	3	2.43e-03	-9.88e-04	-6.35e-03	0.0	7.33e-05	3.48e-05
217	4	-8.25e-04	-1.86e-03	-0.01	0.0	-4.18e-05	-1.34e-05
218	1	5.76e-03	-1.82e-03	-0.01	0.0	6.75e-05	1.25e-04
218	2	-1.34e-03	-5.19e-03	-0.04	0.0	-1.26e-04	-5.04e-05
218	3	1.61e-03	-1.11e-03	-8.03e-03	0.0	9.32e-06	3.29e-05
218	4	-4.92e-04	-2.11e-03	-0.01	0.0	-4.81e-05	-1.89e-05
219	1	5.17e-04	-1.89e-03	-0.02	-1.27e-04	0.0	6.84e-05
219	2	6.36e-04	-5.47e-03	-0.06	-3.98e-04	0.0	-1.26e-05
219	3	2.10e-04	-1.18e-03	-0.01	-8.37e-05	0.0	1.95e-05
219	4	2.45e-04	-2.25e-03	-0.02	-1.64e-04	0.0	-4.56e-06
220	1	5.97e-04	-4.23e-04	-6.04e-04	0.0	1.91e-05	-6.24e-05
220	2	-5.49e-04	-1.01e-03	-1.36e-03	0.0	-4.51e-05	4.49e-05
220	3	1.36e-04	-2.28e-04	-3.08e-04	0.0	2.24e-06	-1.51e-05
220	4	-2.04e-04	-4.02e-04	-5.31e-04	0.0	-1.68e-05	1.67e-05
221	1	3.35e-04	-6.56e-04	-7.02e-04	-5.26e-05	3.53e-05	-4.71e-05
221	2	-1.05e-04	-1.53e-03	-1.59e-03	-1.17e-04	-4.71e-05	9.61e-06
221	3	9.14e-05	-3.47e-04	-3.61e-04	-2.65e-05	6.87e-06	-1.33e-05
221	4	-3.90e-05	-6.05e-04	-6.24e-04	-4.56e-05	-1.75e-05	3.54e-06
222	1	6.33e-04	-2.14e-04	-5.56e-04	0.0	-1.09e-05	-6.16e-05
222	2	-8.60e-04	-5.46e-04	-1.24e-03	0.0	-1.71e-05	7.26e-05
222	3	1.23e-04	-1.19e-04	-2.81e-04	0.0	-4.54e-06	-1.28e-05
222	4	-3.20e-04	-2.18e-04	-4.85e-04	0.0	-6.37e-06	2.70e-05
223	1	0.0	0.0	0.0	0.0	0.0	-1.93e-05
223	2	0.0	0.0	0.0	0.0	0.0	4.40e-05
223	3	0.0	0.0	0.0	0.0	0.0	-2.36e-06
223	4	0.0	0.0	0.0	0.0	0.0	1.64e-05
224	1	2.71e-04	6.97e-05	-5.52e-04	0.0	-4.56e-05	-2.62e-05
224	2	-5.98e-04	9.79e-05	-1.23e-03	0.0	6.16e-05	4.72e-05
224	3	3.47e-05	2.82e-05	-2.77e-04	0.0	-8.88e-06	-4.16e-06
224	4	-2.23e-04	3.65e-05	-4.78e-04	0.0	2.29e-05	1.76e-05
225	1	-1.08e-04	3.05e-04	-5.86e-04	-5.69e-05	-4.62e-05	3.83e-06
225	2	3.45e-05	6.44e-04	-1.30e-03	-1.24e-04	9.11e-05	1.10e-06
225	3	-3.02e-05	1.50e-04	-2.93e-04	-2.86e-05	-6.84e-06	1.26e-06
225	4	1.21e-05	2.51e-04	-5.06e-04	-4.84e-05	3.38e-05	0.0
226	1	5.58e-03	-1.57e-03	-4.81e-03	0.0	2.05e-04	-1.35e-04
226	2	-2.08e-03	-3.88e-03	-0.01	0.0	-1.41e-04	8.98e-06
226	3	1.50e-03	-8.67e-04	-2.45e-03	0.0	4.99e-05	-3.93e-05



226	4	-7.73e-04	-1.55e-03	-4.15e-03	0.0	-5.26e-05	3.27e-06
227	1	4.08e-03	-2.17e-03	-4.84e-03	-1.25e-04	2.52e-04	-6.78e-05
227	2	-1.10e-03	-5.26e-03	-0.01	-2.73e-04	-1.57e-04	1.74e-06
227	3	1.13e-03	-1.18e-03	-2.47e-03	-6.41e-05	6.25e-05	-2.01e-05
227	4	-4.08e-04	-2.10e-03	-4.19e-03	-1.08e-04	-5.88e-05	0.0
228	1	9.19e-04	-1.54e-03	-0.02	-1.28e-04	-5.67e-05	5.68e-05
228	2	5.61e-04	-4.39e-03	-0.06	-3.96e-04	-6.92e-05	-1.66e-05
228	3	3.24e-04	-9.57e-04	-0.01	-8.43e-05	-2.30e-05	1.56e-05
228	4	2.18e-04	-1.80e-03	-0.02	-1.64e-04	-2.67e-05	-6.15e-06
229	1	6.50e-03	-9.96e-04	-4.79e-03	0.0	6.68e-05	-2.04e-04
229	2	-2.80e-03	-2.54e-03	-0.01	0.0	-7.42e-05	1.76e-05
229	3	1.72e-03	-5.60e-04	-2.43e-03	0.0	1.40e-05	-5.90e-05
229	4	-1.04e-03	-1.02e-03	-4.12e-03	0.0	-2.78e-05	6.54e-06
230	1	6.96e-03	-1.74e-03	-6.17e-03	0.0	3.12e-04	-1.00e-04
230	2	-2.22e-03	-4.37e-03	-0.01	0.0	-1.48e-04	-1.47e-06
230	3	1.89e-03	-9.70e-04	-3.15e-03	0.0	8.10e-05	-2.99e-05
230	4	-8.25e-04	-1.75e-03	-5.35e-03	0.0	-5.55e-05	0.0
231	1	-1.63e-04	4.77e-04	-0.02	-1.28e-04	-3.83e-05	-7.09e-06
231	2	-1.06e-04	1.82e-03	-0.06	-3.96e-04	-5.95e-06	0.0
231	3	-6.19e-05	3.61e-04	-0.01	-8.45e-05	-1.24e-05	-2.17e-06
231	4	-4.51e-05	7.60e-04	-0.02	-1.64e-04	-2.76e-06	0.0
232	1	4.10e-03	9.01e-05	-4.78e-03	0.0	-4.66e-04	-1.75e-04
232	2	-2.03e-03	-1.89e-06	-0.01	0.0	2.05e-04	1.65e-05
232	3	1.06e-03	1.98e-05	-2.43e-03	0.0	-1.23e-04	-5.05e-05
232	4	-7.57e-04	-7.42e-06	-4.11e-03	0.0	7.60e-05	6.19e-06
233	1	7.81e-03	-1.66e-04	-0.01	0.0	-7.68e-04	5.91e-05
233	2	-2.10e-03	-4.65e-04	-0.02	0.0	2.00e-04	-1.01e-05
233	3	2.15e-03	-1.03e-04	-5.51e-03	0.0	-2.13e-04	1.68e-05
233	4	-7.84e-04	-1.92e-04	-9.50e-03	0.0	7.40e-05	-3.72e-06
234	1	-7.91e-04	7.60e-04	-0.01	-1.39e-04	-1.26e-03	1.29e-06
234	2	1.26e-04	2.05e-03	-0.02	-3.70e-04	3.20e-04	0.0
234	3	-2.29e-04	4.37e-04	-5.51e-03	-7.99e-05	-3.48e-04	0.0
234	4	4.20e-05	8.20e-04	-9.50e-03	-1.48e-04	1.19e-04	0.0
235	1	-3.79e-04	-5.86e-04	-3.55e-03	0.0	-7.50e-05	-3.51e-05
235	2	9.91e-03	-2.38e-03	-0.02	0.0	2.41e-04	7.90e-05
235	3	6.67e-04	-4.49e-04	-2.92e-03	0.0	-5.34e-06	-5.00e-06
235	4	3.72e-03	-9.80e-04	-6.99e-03	0.0	8.82e-05	2.88e-05
236	1	7.96e-03	-2.42e-04	-0.01	-1.31e-04	-8.69e-04	6.39e-05
236	2	-2.23e-03	-5.91e-04	-0.03	-3.64e-04	2.31e-04	-1.04e-05
236	3	2.19e-03	-1.38e-04	-6.37e-03	-7.74e-05	-2.40e-04	1.82e-05
236	4	-8.34e-04	-2.42e-04	-0.01	-1.46e-04	8.56e-05	-3.85e-06
237	1	1.44e-03	-4.57e-04	-0.02	-1.27e-04	-2.36e-04	4.07e-05
237	2	-1.19e-03	-1.03e-03	-0.04	-3.98e-04	9.03e-05	-2.10e-05
237	3	3.31e-04	-2.48e-04	-9.73e-03	-8.25e-05	-6.34e-05	1.04e-05
237	4	-4.46e-04	-4.18e-04	-0.02	-1.63e-04	3.31e-05	-7.86e-06
238	1	6.71e-03	-2.03e-03	-0.01	0.0	2.68e-04	1.27e-04
238	2	-1.51e-03	-5.72e-03	-0.03	0.0	-1.50e-04	-4.55e-05
238	3	1.88e-03	-1.22e-03	-7.19e-03	0.0	6.72e-05	3.40e-05
238	4	-5.54e-04	-2.31e-03	-0.01	0.0	-5.67e-05	-1.71e-05
239	1	8.68e-04	-4.81e-04	-0.02	0.0	-1.64e-04	5.38e-05
239	2	-5.81e-04	-1.11e-03	-0.05	0.0	1.36e-05	-3.90e-05
239	3	2.11e-04	-2.63e-04	-0.01	0.0	-4.84e-05	1.29e-05
239	4	-2.19e-04	-4.48e-04	-0.02	0.0	4.27e-06	-1.46e-05
240	1	6.08e-03	-2.31e-03	-0.01	-1.35e-04	2.79e-04	9.92e-05
240	2	-1.16e-03	-6.53e-03	-0.03	-3.99e-04	-1.54e-04	-4.55e-05
240	3	1.72e-03	-1.39e-03	-7.19e-03	-8.24e-05	6.99e-05	2.57e-05
240	4	-4.24e-04	-2.64e-03	-0.01	-1.61e-04	-5.83e-05	-1.71e-05
241	1	2.61e-03	-1.84e-03	-0.02	-1.29e-04	-1.29e-04	7.82e-05
241	2	1.43e-04	-5.34e-03	-0.05	-4.12e-04	-1.20e-04	-4.97e-05
241	3	7.95e-04	-1.15e-03	-0.01	-8.52e-05	-4.88e-05	1.92e-05
241	4	6.39e-05	-2.18e-03	-0.02	-1.69e-04	-4.62e-05	-1.87e-05
242	1	7.28e-03	-1.75e-03	-0.01	0.0	2.20e-04	1.62e-04
242	2	-1.83e-03	-4.92e-03	-0.03	0.0	-1.32e-04	-4.40e-05
242	3	2.02e-03	-1.05e-03	-7.18e-03	0.0	5.41e-05	4.44e-05
242	4	-6.77e-04	-1.99e-03	-0.01	0.0	-5.02e-05	-1.65e-05
243	1	-3.32e-04	4.84e-04	-0.02	-1.29e-04	-1.33e-04	-3.88e-06
243	2	-5.46e-05	1.91e-03	-0.05	-4.09e-04	9.77e-05	0.0
243	3	-1.09e-04	3.66e-04	-0.01	-8.50e-05	-3.22e-05	-1.15e-06
243	4	-2.64e-05	7.87e-04	-0.02	-1.68e-04	3.61e-05	0.0
244	1	5.61e-03	-2.01e-03	-0.01	0.0	1.10e-04	1.14e-04
244	2	-1.12e-03	-5.77e-03	-0.04	0.0	-1.45e-04	-5.12e-05
244	3	1.59e-03	-1.23e-03	-8.03e-03	0.0	2.05e-05	2.96e-05
244	4	-4.09e-04	-2.34e-03	-0.01	0.0	-5.50e-05	-1.93e-05
245	1	1.50e-03	1.28e-04	-2.39e-03	0.0	-2.01e-04	-9.64e-05
245	2	-1.54e-03	1.31e-04	-5.29e-03	0.0	1.56e-04	3.56e-05
245	3	3.25e-04	4.55e-05	-1.21e-03	0.0	-4.79e-05	-2.58e-05
245	4	-5.74e-04	4.63e-05	-2.07e-03	0.0	5.81e-05	1.33e-05



246	1	2.75e-04	-4.97e-04	-0.02	-1.27e-04	-9.64e-05	1.49e-05
246	2	-4.02e-04	-1.16e-03	-0.05	-3.97e-04	3.44e-06	-1.68e-05
246	3	4.79e-05	-2.74e-04	-0.01	-8.34e-05	-2.90e-05	3.06e-06
246	4	-1.53e-04	-4.70e-04	-0.02	-1.63e-04	0.0	-6.35e-06
247	1	5.49e-03	-3.12e-04	-0.01	0.0	-5.64e-04	1.78e-04
247	2	-1.80e-03	-7.15e-04	-0.03	0.0	1.57e-04	-2.13e-05
247	3	1.49e-03	-1.72e-04	-7.18e-03	0.0	-1.56e-04	5.11e-05
247	4	-6.72e-04	-2.91e-04	-0.01	0.0	5.78e-05	-7.90e-06
248	1	-7.15e-04	6.13e-04	-0.01	-1.33e-04	-8.95e-04	4.95e-06
248	2	7.86e-05	2.07e-03	-0.03	-3.98e-04	2.78e-04	0.0
248	3	-2.11e-04	4.03e-04	-7.17e-03	-8.21e-05	-2.44e-04	1.55e-06
248	4	2.38e-05	8.34e-04	-0.01	-1.60e-04	1.03e-04	0.0
249	1	4.28e-03	-3.73e-04	-0.01	-1.29e-04	-5.19e-04	7.39e-05
249	2	-1.83e-03	-8.31e-04	-0.04	-3.88e-04	1.74e-04	-1.68e-05
249	3	1.13e-03	-2.02e-04	-8.04e-03	-8.05e-05	-1.41e-04	2.06e-05
249	4	-6.86e-04	-3.38e-04	-0.01	-1.57e-04	6.42e-05	-6.26e-06
250	1	7.69e-03	-2.02e-03	-0.01	0.0	4.00e-04	1.10e-04
250	2	-1.83e-03	-5.60e-03	-0.03	0.0	-1.50e-04	-3.83e-05
250	3	2.15e-03	-1.20e-03	-6.35e-03	0.0	1.06e-04	2.97e-05
250	4	-6.74e-04	-2.26e-03	-0.01	0.0	-5.65e-05	-1.44e-05
251	1	4.57e-03	-2.09e-03	-0.02	-1.29e-04	0.0	9.97e-05
251	2	-5.54e-04	-6.09e-03	-0.04	-4.12e-04	-1.44e-04	-5.45e-05
251	3	1.32e-03	-1.29e-03	-8.87e-03	-8.37e-05	-1.22e-05	2.52e-05
251	4	-1.96e-04	-2.48e-03	-0.02	-1.68e-04	-5.48e-05	-2.05e-05
252	1	4.55e-03	-1.90e-03	-0.02	0.0	-1.66e-05	1.10e-04
252	2	-7.84e-04	-5.49e-03	-0.04	0.0	-1.43e-04	-5.55e-05
252	3	1.30e-03	-1.17e-03	-8.87e-03	0.0	-1.71e-05	2.82e-05
252	4	-2.83e-04	-2.23e-03	-0.02	0.0	-5.45e-05	-2.09e-05
253	1	7.11e-03	-1.61e-05	-7.60e-03	0.0	-7.28e-04	-1.36e-04
253	2	-2.19e-03	-2.16e-04	-0.02	0.0	2.17e-04	1.20e-06
253	3	1.94e-03	-3.35e-05	-3.90e-03	0.0	-2.00e-04	-4.01e-05
253	4	-8.17e-04	-9.26e-05	-6.61e-03	0.0	8.05e-05	0.0
254	1	4.75e-04	1.47e-04	-6.07e-03	0.0	-5.67e-05	-1.37e-05
254	2	4.10e-03	4.52e-04	-0.03	0.0	-4.73e-04	1.28e-04
254	3	4.65e-04	8.92e-05	-4.76e-03	0.0	-5.73e-05	5.26e-06
254	4	1.54e-03	1.80e-04	-0.01	0.0	-1.81e-04	4.72e-05
255	1	2.56e-03	-4.21e-04	-0.02	0.0	-3.21e-04	1.33e-04
255	2	-1.27e-03	-9.39e-04	-0.04	0.0	9.02e-05	-3.27e-05
255	3	6.59e-04	-2.27e-04	-8.86e-03	0.0	-8.87e-05	3.69e-05
255	4	-4.78e-04	-3.81e-04	-0.02	0.0	3.30e-05	-1.22e-05
256	1	-5.36e-04	5.18e-04	-0.02	-1.30e-04	-4.18e-04	0.0
256	2	1.34e-05	2.01e-03	-0.04	-4.11e-04	2.02e-04	0.0
256	3	-1.64e-04	3.78e-04	-8.86e-03	-8.38e-05	-1.09e-04	0.0
256	4	0.0	8.19e-04	-0.02	-1.67e-04	7.49e-05	0.0
257	1	-5.80e-04	8.56e-04	-4.78e-03	-1.25e-04	-6.42e-04	-4.16e-06
257	2	1.34e-04	1.72e-03	-0.01	-2.76e-04	3.05e-04	0.0
257	3	-1.65e-04	4.22e-04	-2.43e-03	-6.46e-05	-1.67e-04	-1.18e-06
257	4	4.68e-05	6.78e-04	-4.11e-03	-1.09e-04	1.13e-04	0.0
258	1	6.25e-03	4.52e-05	-6.22e-03	-1.17e-04	-7.31e-04	-8.04e-05
258	2	-2.36e-03	-1.01e-04	-0.01	-2.77e-04	2.60e-04	3.71e-06
258	3	1.67e-03	-3.64e-06	-3.16e-03	-6.29e-05	-1.97e-04	-2.35e-05
258	4	-8.82e-04	-4.69e-05	-5.34e-03	-1.10e-04	9.64e-05	1.40e-06
259	1	7.97e-03	-1.86e-03	-7.60e-03	0.0	4.12e-04	-5.17e-05
259	2	-2.26e-03	-4.79e-03	-0.02	0.0	-1.50e-04	-1.14e-05
259	3	2.19e-03	-1.05e-03	-3.91e-03	0.0	1.10e-04	-1.63e-05
259	4	-8.37e-04	-1.92e-03	-6.65e-03	0.0	-5.63e-05	-4.34e-06
260	1	5.80e-03	-2.43e-03	-7.62e-03	-1.41e-04	4.36e-04	-9.89e-06
260	2	-1.45e-03	-6.17e-03	-0.02	-3.28e-04	1.68e-04	-1.24e-05
260	3	1.61e-03	-1.36e-03	-3.92e-03	-7.51e-05	1.16e-04	-4.03e-06
260	4	-5.34e-04	-2.47e-03	-6.68e-03	-1.30e-04	-6.28e-05	-4.78e-06
261	1	9.73e-03	-1.32e-03	-7.60e-03	0.0	2.62e-04	-1.12e-04
261	2	-2.89e-03	-3.44e-03	-0.02	0.0	-9.43e-05	-6.67e-06
261	3	2.67e-03	-7.52e-04	-3.90e-03	0.0	7.00e-05	-3.38e-05
261	4	-1.08e-03	-1.38e-03	-6.63e-03	0.0	-3.54e-05	-2.53e-06
262	1	-7.44e-04	8.72e-04	-7.59e-03	-1.40e-04	-1.12e-03	-5.53e-06
262	2	1.45e-04	1.94e-03	-0.02	-3.29e-04	3.31e-04	0.0
262	3	-2.13e-04	4.54e-04	-3.90e-03	-7.50e-05	-3.08e-04	-1.58e-06
262	4	5.01e-05	7.71e-04	-6.62e-03	-1.31e-04	1.23e-04	0.0
263	1	9.08e-03	-8.77e-05	-9.17e-03	-1.28e-04	-9.85e-04	-1.39e-05
263	2	-2.41e-03	-3.37e-04	-0.02	-3.27e-04	2.60e-04	-3.86e-06
263	3	2.51e-03	-6.70e-05	-4.73e-03	-7.19e-05	-2.72e-04	-4.40e-06
263	4	-8.99e-04	-1.41e-04	-8.05e-03	-1.31e-04	9.65e-05	-1.42e-06
264	1	8.32e-03	-2.00e-03	-0.01	0.0	4.72e-04	7.65e-05
264	2	-2.06e-03	-5.40e-03	-0.02	0.0	-1.51e-04	-2.98e-05
264	3	2.31e-03	-1.17e-03	-5.52e-03	0.0	1.28e-04	2.03e-05
264	4	-7.61e-04	-2.18e-03	-9.53e-03	0.0	-5.67e-05	-1.12e-05
265	1	6.56e-03	-2.44e-03	-0.01	-1.42e-04	4.80e-04	5.89e-05



265	2	-1.48e-03	-6.57e-03	-0.02	-3.70e-04	-1.63e-04	-2.94e-05
265	3	1.84e-03	-1.42e-03	-5.53e-03	-8.06e-05	1.29e-04	1.50e-05
265	4	-5.45e-04	-2.65e-03	-9.55e-03	-1.48e-04	-6.12e-05	-1.11e-05
266	1	9.89e-03	-1.57e-03	-0.01	0.0	3.65e-04	8.39e-05
266	2	-2.55e-03	-4.25e-03	-0.02	0.0	-1.14e-04	-2.65e-05
266	3	2.74e-03	-9.17e-04	-5.52e-03	0.0	9.89e-05	2.28e-05
266	4	-9.47e-04	-1.71e-03	-9.52e-03	0.0	-4.29e-05	-9.93e-06
267	1	1.58e-03	-8.22e-04	-1.50e-03	0.0	3.30e-05	-9.75e-05
267	2	-1.11e-03	-1.97e-03	-3.34e-03	0.0	-8.47e-05	3.82e-05
267	3	3.85e-04	-4.44e-04	-7.61e-04	0.0	3.32e-06	-2.60e-05
267	4	-4.13e-04	-7.85e-04	-1.31e-03	0.0	-3.15e-05	1.42e-05
268	1	2.73e-03	-1.11e-03	-2.44e-03	0.0	6.24e-05	-1.24e-04
268	2	-1.52e-03	-2.68e-03	-5.40e-03	0.0	-1.10e-04	2.99e-05
268	3	6.93e-04	-6.04e-04	-1.24e-03	0.0	1.01e-05	-3.44e-05
268	4	-5.64e-04	-1.07e-03	-2.12e-03	0.0	-4.10e-05	1.11e-05
269	1	2.04e-03	-1.61e-03	-2.51e-03	-9.46e-05	1.08e-04	-8.35e-05
269	2	-5.94e-04	-3.81e-03	-5.57e-03	-2.05e-04	-1.20e-04	1.03e-05
269	3	5.62e-04	-8.64e-04	-1.28e-03	-4.79e-05	2.28e-05	-2.40e-05
269	4	-2.20e-04	-1.51e-03	-2.18e-03	-8.06e-05	-4.48e-05	3.76e-06
270	1	3.05e-04	-5.06e-04	-0.02	0.0	-7.52e-05	1.76e-05
270	2	5.48e-05	-1.19e-03	-0.06	0.0	-4.07e-05	-2.30e-05
270	3	9.46e-05	-2.80e-04	-0.01	0.0	-2.63e-05	1.22e-06
270	4	2.05e-05	-4.84e-04	-0.02	0.0	-1.61e-05	-8.69e-06
271	1	2.90e-03	-6.30e-04	-2.40e-03	0.0	-2.29e-05	-1.49e-04
271	2	-2.17e-03	-1.59e-03	-5.31e-03	0.0	-5.01e-05	4.62e-05
271	3	6.94e-04	-3.52e-04	-1.22e-03	0.0	-1.07e-05	-4.05e-05
271	4	-8.09e-04	-6.36e-04	-2.08e-03	0.0	-1.87e-05	1.72e-05
272	1	4.10e-03	-1.36e-03	-3.55e-03	0.0	1.17e-04	-1.37e-04
272	2	-1.85e-03	-3.32e-03	-7.82e-03	0.0	-1.29e-04	1.94e-05
272	3	1.07e-03	-7.45e-04	-1.81e-03	0.0	2.48e-05	-3.92e-05
272	4	-6.87e-04	-1.33e-03	-3.07e-03	0.0	-4.82e-05	7.16e-06
273	1	-2.07e-04	-7.00e-04	-3.55e-03	-5.50e-05	-7.58e-05	-3.01e-05
273	2	9.34e-03	-2.85e-03	-0.02	-2.26e-04	2.59e-04	7.81e-05
273	3	6.77e-04	-5.35e-04	-2.92e-03	-4.16e-05	-4.12e-06	-3.60e-06
273	4	3.51e-03	-1.17e-03	-6.99e-03	-9.22e-05	9.51e-05	2.84e-05
274	1	6.98e-04	1.16e-04	-1.46e-03	-6.46e-05	-1.16e-04	-3.44e-05
274	2	-1.28e-03	1.47e-04	-3.31e-03	-1.43e-04	1.41e-04	2.34e-05
274	3	1.09e-04	4.49e-05	-7.40e-04	-3.31e-05	-2.38e-05	-8.38e-06
274	4	-4.78e-04	5.39e-05	-1.29e-03	-5.62e-05	5.24e-05	8.74e-06
275	1	-3.46e-04	6.74e-04	-2.41e-03	-9.69e-05	-2.38e-04	1.14e-06
275	2	9.52e-05	1.34e-03	-5.32e-03	-2.12e-04	2.30e-04	0.0
275	3	-9.73e-05	3.28e-04	-1.22e-03	-4.94e-05	-5.33e-05	0.0
275	4	3.35e-05	5.27e-04	-2.08e-03	-8.34e-05	8.54e-05	0.0
276	1	2.66e-03	1.20e-04	-3.54e-03	-9.57e-05	-3.58e-04	-7.39e-05
276	2	-2.01e-03	7.94e-05	-7.81e-03	-2.16e-04	2.22e-04	1.35e-05
276	3	6.34e-04	3.72e-05	-1.80e-03	-4.99e-05	8.93e-05	-2.09e-05
276	4	-7.51e-04	2.52e-05	-3.06e-03	-8.56e-05	8.25e-05	5.06e-06
277	1	6.85e-04	-5.58e-04	-6.07e-03	-6.80e-05	-2.61e-06	-2.13e-05
277	2	5.35e-03	-2.07e-03	-0.03	-2.42e-04	1.29e-04	1.60e-04
277	3	6.58e-04	-4.16e-04	-4.76e-03	-4.87e-05	6.21e-06	4.94e-06
277	4	2.04e-03	-8.65e-04	-0.01	-1.00e-04	4.51e-05	5.85e-05
278	1	0.0	0.0	0.0	0.0	0.0	-4.06e-05
278	2	0.0	0.0	0.0	0.0	0.0	4.31e-05
278	3	0.0	0.0	0.0	0.0	0.0	-8.76e-06
278	4	0.0	0.0	0.0	0.0	0.0	1.60e-05
279	1	-5.43e-04	-4.72e-04	-3.55e-03	0.0	-6.83e-05	-4.12e-05
279	2	0.01	-1.91e-03	-0.02	0.0	1.81e-04	7.57e-05
279	3	6.53e-04	-3.63e-04	-2.91e-03	0.0	-7.94e-06	-7.01e-06
279	4	3.90e-03	-7.90e-04	-6.98e-03	0.0	6.59e-05	2.76e-05
280	1	1.68e-04	-5.08e-04	-0.02	-1.25e-04	-3.34e-05	2.44e-05
280	2	1.97e-04	-1.20e-03	-0.06	-3.85e-04	-3.92e-05	1.34e-06
280	3	6.51e-05	-2.82e-04	-0.01	-8.19e-05	-1.36e-05	7.41e-06
280	4	7.37e-05	-4.88e-04	-0.02	-1.59e-04	-1.53e-05	0.0
281	1	-2.17e-04	6.56e-04	-6.08e-03	-6.82e-05	-1.06e-04	5.46e-06
281	2	-1.55e-03	2.26e-03	-0.03	-2.42e-04	-8.44e-04	8.82e-06
281	3	-2.16e-04	4.52e-04	-4.76e-03	-4.88e-05	-1.02e-04	2.95e-06
281	4	-6.12e-04	9.27e-04	-0.01	-1.00e-04	-3.21e-04	3.95e-06
282	1	-8.08e-05	-5.99e-04	-4.13e-03	0.0	-4.67e-05	-3.23e-05
282	2	9.12e-03	-2.38e-03	-0.02	0.0	2.21e-04	1.10e-04
282	3	7.00e-04	-4.55e-04	-3.35e-03	0.0	1.41e-06	-1.89e-06
282	4	3.43e-03	-9.82e-04	-7.94e-03	0.0	8.08e-05	4.02e-05
283	1	-9.61e-05	5.99e-05	-4.52e-04	0.0	1.33e-05	2.46e-05
283	2	6.16e-03	4.35e-04	-2.66e-03	0.0	-6.73e-04	-9.46e-05
283	3	4.34e-04	6.01e-05	-4.09e-04	0.0	-4.72e-05	0.0
283	4	2.29e-03	1.71e-04	-1.06e-03	0.0	-2.51e-04	-3.53e-05
284	1	7.50e-04	1.47e-04	-6.77e-03	-6.73e-05	-8.39e-05	1.90e-06
284	2	3.73e-03	4.42e-04	-0.03	-2.47e-04	-4.44e-04	9.66e-05



284	3	5.27e-04	8.83e-05	-5.26e-03	-4.88e-05	-6.44e-05	8.42e-06
284	4	1.41e-03	1.76e-04	-0.01	-1.02e-04	-1.71e-04	3.65e-05
285	1	-7.04e-04	1.36e-04	-3.54e-03	0.0	5.13e-05	-3.98e-05
285	2	7.02e-03	5.30e-04	-0.02	0.0	-8.14e-04	2.54e-05
285	3	3.26e-04	9.35e-05	-2.91e-03	0.0	-4.87e-05	-1.01e-05
285	4	2.62e-03	2.10e-04	-6.98e-03	0.0	-3.05e-04	9.17e-06
286	1	-2.59e-05	5.45e-04	-3.55e-03	-5.59e-05	1.05e-04	2.03e-06
286	2	-1.57e-03	2.16e-03	-0.02	-2.27e-04	-1.21e-03	7.00e-06
286	3	-1.45e-04	3.98e-04	-2.91e-03	-4.21e-05	-6.35e-05	1.52e-06
286	4	-6.02e-04	8.76e-04	-6.99e-03	-9.29e-05	-4.53e-04	2.99e-06
287	1	-3.88e-04	1.41e-04	-4.13e-03	-5.48e-05	2.48e-05	-2.28e-05
287	2	7.64e-03	5.07e-04	-0.02	-2.29e-04	-8.92e-04	4.80e-05
287	3	4.69e-04	9.27e-05	-3.35e-03	-4.21e-05	-6.33e-05	-3.08e-06
287	4	2.85e-03	2.01e-04	-7.95e-03	-9.38e-05	-3.35e-04	1.79e-05
288	1	-6.60e-04	-5.65e-04	-3.01e-03	0.0	-9.73e-05	-3.20e-05
288	2	0.01	-2.35e-03	-0.02	0.0	2.54e-04	5.16e-05
288	3	6.16e-04	-4.36e-04	-2.50e-03	0.0	-1.07e-05	-6.08e-06
288	4	3.89e-03	-9.65e-04	-6.07e-03	0.0	9.34e-05	1.87e-05
289	1	2.22e-04	-6.56e-04	-4.75e-03	-6.25e-05	-2.21e-05	-2.81e-05
289	2	7.83e-03	-2.54e-03	-0.02	-2.37e-04	2.20e-04	1.35e-04
289	3	6.99e-04	-4.94e-04	-3.81e-03	-4.57e-05	8.47e-06	1.21e-06
289	4	2.95e-03	-1.05e-03	-8.91e-03	-9.75e-05	8.03e-05	4.95e-05
290	1	1.91e-04	-5.65e-04	-4.75e-03	0.0	-1.85e-05	-3.05e-05
290	2	8.19e-03	-2.19e-03	-0.02	0.0	2.18e-04	1.38e-04
290	3	7.15e-04	-4.26e-04	-3.81e-03	0.0	9.43e-06	0.0
290	4	3.09e-03	-9.08e-04	-8.91e-03	0.0	7.96e-05	5.09e-05
291	1	-1.21e-03	1.05e-04	-1.64e-03	0.0	1.11e-04	1.79e-05
291	2	7.48e-03	5.84e-04	-8.85e-03	0.0	-8.66e-04	-3.67e-06
291	3	2.07e-04	8.88e-05	-1.42e-03	0.0	-3.37e-05	4.90e-06
291	4	2.78e-03	2.31e-04	-3.56e-03	0.0	-3.23e-04	-1.49e-06
292	1	2.17e-04	4.73e-05	-0.02	-5.32e-06	0.0	1.62e-05
292	2	1.62e-04	5.41e-05	-0.06	-2.45e-04	0.0	7.66e-05
292	3	7.51e-05	-2.35e-05	-0.01	-2.97e-05	0.0	1.13e-05
292	4	5.90e-05	-2.15e-05	-0.02	-1.01e-04	0.0	2.92e-05
293	1	2.11e-05	1.44e-04	-4.74e-03	0.0	-1.37e-05	-3.82e-05
293	2	6.06e-03	4.85e-04	-0.02	0.0	-6.85e-04	6.48e-05
293	3	4.74e-04	9.16e-05	-3.80e-03	0.0	-5.93e-05	-6.87e-06
293	4	2.26e-03	1.93e-04	-8.91e-03	0.0	-2.58e-04	2.37e-05
294	1	-1.08e-04	6.10e-04	-4.75e-03	-6.32e-05	-1.64e-05	3.22e-06
294	2	-1.58e-03	2.22e-03	-0.02	-2.39e-04	-1.10e-03	6.57e-06
294	3	-1.76e-04	4.30e-04	-3.81e-03	-4.62e-05	-9.31e-05	1.94e-06
294	4	-6.11e-04	9.09e-04	-8.91e-03	-9.82e-05	-4.15e-04	2.93e-06
295	1	3.57e-05	2.82e-04	-9.67e-04	-2.90e-05	1.04e-04	1.98e-06
295	2	-1.12e-03	1.56e-03	-5.45e-03	-1.52e-04	-1.16e-03	1.54e-05
295	3	-8.27e-05	2.45e-04	-8.55e-04	-2.48e-05	-5.79e-05	1.99e-06
295	4	-4.26e-04	6.23e-04	-2.18e-03	-6.11e-05	-4.31e-04	5.96e-06
296	1	-1.11e-03	9.55e-05	-1.28e-03	-3.40e-05	1.10e-04	1.90e-05
296	2	8.18e-03	5.75e-04	-7.09e-03	-1.56e-04	-9.65e-04	0.0
296	3	2.89e-04	8.47e-05	-1.12e-03	-2.69e-05	-4.14e-05	5.68e-06
296	4	3.04e-03	2.27e-04	-2.84e-03	-6.30e-05	-3.60e-04	0.0
297	1	-1.02e-03	-4.62e-04	-1.65e-03	0.0	-9.14e-05	-1.61e-06
297	2	0.01	-2.05e-03	-8.87e-03	0.0	3.60e-04	-1.87e-05
297	3	4.80e-04	-3.67e-04	-1.43e-03	0.0	0.0	-2.26e-06
297	4	3.79e-03	-8.37e-04	-3.57e-03	0.0	1.33e-04	-7.32e-06
298	1	-5.46e-04	-6.28e-04	-1.66e-03	-3.71e-05	-9.35e-05	-1.03e-05
298	2	8.13e-03	-2.83e-03	-8.91e-03	-1.81e-04	4.27e-04	-3.72e-05
298	3	4.69e-04	-5.01e-04	-1.43e-03	-3.05e-05	4.09e-06	-6.28e-06
298	4	3.04e-03	-1.15e-03	-3.58e-03	-7.32e-05	1.58e-04	-1.43e-05
299	1	2.36e-04	2.08e-04	-0.02	2.29e-05	0.0	1.62e-05
299	2	1.68e-04	8.65e-04	-0.06	-1.58e-04	0.0	8.62e-05
299	3	8.10e-05	9.39e-05	-0.01	-1.22e-05	0.0	1.23e-05
299	4	6.09e-05	2.89e-04	-0.02	-6.58e-05	0.0	3.31e-05
300	1	2.56e-04	3.64e-04	-0.02	4.72e-05	0.0	1.54e-05
300	2	1.86e-04	1.73e-03	-0.06	-6.58e-05	0.0	8.77e-05
300	3	8.84e-05	2.17e-04	-0.01	4.53e-06	0.0	1.23e-05
300	4	6.79e-05	6.21e-04	-0.02	-2.90e-05	0.0	3.38e-05
301	1	0.0	0.0	0.0	-7.01e-06	0.0	0.0
301	2	0.0	0.0	0.0	-4.58e-05	-4.88e-06	8.13e-06
301	3	0.0	0.0	0.0	-6.72e-06	0.0	1.19e-06
301	4	0.0	0.0	0.0	-1.82e-05	-1.81e-06	3.35e-06
302	1	-4.28e-04	6.83e-04	-8.20e-03	-6.87e-05	-1.14e-04	8.19e-06
302	2	-1.64e-03	2.29e-03	-0.03	-2.34e-04	-2.75e-04	1.12e-05
302	3	-3.10e-04	4.67e-04	-6.27e-03	-4.87e-05	-6.34e-05	4.34e-06
302	4	-6.70e-04	9.42e-04	-0.01	-9.78e-05	-1.11e-04	5.24e-06
303	1	4.58e-04	-6.14e-04	-5.40e-03	-6.55e-05	-2.52e-06	-2.35e-05
303	2	6.67e-03	-2.32e-03	-0.02	-2.41e-04	1.61e-04	1.52e-04
303	3	6.85e-04	-4.59e-04	-4.28e-03	-4.74e-05	8.63e-06	3.82e-06



303	4	2.52e-03	-9.66e-04	-9.91e-03	-9.93e-05	5.79e-05	5.58e-05
304	1	8.94e-04	-4.90e-04	-6.77e-03	-6.96e-05	-2.54e-05	-2.16e-05
304	2	4.03e-03	-1.79e-03	-0.03	-2.43e-04	2.65e-05	1.37e-04
304	3	6.26e-04	-3.64e-04	-5.26e-03	-4.95e-05	-1.01e-05	2.86e-06
304	4	1.56e-03	-7.49e-04	-0.01	-1.01e-04	5.29e-06	4.98e-05
305	1	-3.33e-04	-4.47e-04	-7.12e-04	-2.36e-05	-2.68e-05	7.15e-06
305	2	4.35e-03	-2.16e-03	-4.03e-03	-1.30e-04	4.94e-04	-7.49e-05
305	3	2.36e-04	-3.68e-04	-6.32e-04	-2.06e-05	2.92e-05	-3.84e-06
305	4	1.62e-03	-8.76e-04	-1.61e-03	-5.20e-05	1.84e-04	-2.81e-05
306	1	-1.30e-04	-2.70e-04	-2.98e-04	-1.45e-05	-1.28e-06	9.07e-06
306	2	1.67e-03	-1.36e-03	-1.71e-03	-8.51e-05	3.59e-04	-7.01e-05
306	3	9.01e-05	-2.26e-04	-2.67e-04	-1.31e-05	2.66e-05	-2.80e-06
306	4	6.24e-04	-5.48e-04	-6.84e-04	-3.40e-05	1.33e-04	-2.62e-05
307	1	-5.88e-03	-2.03e-03	-0.02	0.0	-1.13e-04	-1.22e-04
307	2	1.12e-03	-5.77e-03	-0.04	0.0	1.45e-04	5.12e-05
307	3	-1.67e-03	-1.23e-03	-8.19e-03	0.0	-2.14e-05	-3.21e-05
307	4	4.09e-04	-2.34e-03	-0.01	0.0	5.50e-05	1.93e-05
308	1	-1.51e-03	1.40e-04	-2.51e-03	0.0	2.06e-04	9.89e-05
308	2	1.54e-03	1.31e-04	-5.29e-03	0.0	-1.56e-04	-3.56e-05
308	3	-3.31e-04	4.90e-05	-1.25e-03	0.0	4.94e-05	2.66e-05
308	4	5.74e-04	4.63e-05	-2.07e-03	0.0	-5.81e-05	-1.33e-05
309	1	-5.06e-04	-5.79e-04	-1.30e-03	-3.26e-05	-7.31e-05	-3.32e-06
309	2	7.04e-03	-2.67e-03	-7.12e-03	-1.66e-04	4.72e-04	-5.53e-05
309	3	3.95e-04	-4.67e-04	-1.14e-03	-2.74e-05	1.36e-05	-5.56e-06
309	4	2.63e-03	-1.09e-03	-2.86e-03	-6.68e-05	1.75e-04	-2.10e-05
310	1	-2.51e-04	-4.95e-04	-0.02	-1.27e-04	9.58e-05	-1.54e-05
310	2	4.02e-04	-1.16e-03	-0.05	-3.97e-04	-3.44e-06	1.68e-05
310	3	-4.07e-05	-2.73e-04	-0.01	-8.34e-05	2.88e-05	-3.20e-06
310	4	1.53e-04	-4.70e-04	-0.02	-1.63e-04	0.0	6.35e-06
311	1	-5.81e-03	-3.13e-04	-0.01	0.0	5.97e-04	-1.98e-04
311	2	1.80e-03	-7.15e-04	-0.03	0.0	-1.57e-04	2.13e-05
311	3	-1.58e-03	-1.72e-04	-7.33e-03	0.0	1.65e-04	-5.72e-05
311	4	6.72e-04	-2.91e-04	-0.01	0.0	-5.78e-05	7.90e-06
312	1	-3.70e-04	-7.02e-04	-3.02e-03	-5.07e-05	-9.76e-05	-2.77e-05
312	2	9.58e-03	-2.92e-03	-0.02	-2.17e-04	2.91e-04	4.57e-05
312	3	6.43e-04	-5.41e-04	-2.51e-03	-3.91e-05	-7.99e-06	-5.31e-06
312	4	3.59e-03	-1.20e-03	-6.07e-03	-8.85e-05	1.07e-04	1.65e-05
313	1	0.0	0.0	0.0	-5.69e-05	0.0	4.91e-06
313	2	0.0	0.0	0.0	-1.26e-04	0.0	-1.64e-06
313	3	0.0	0.0	0.0	-2.89e-05	0.0	1.33e-06
313	4	0.0	0.0	0.0	-4.92e-05	0.0	0.0
314	1	-3.31e-04	-1.38e-03	-0.02	-1.28e-04	2.83e-05	-5.80e-05
314	2	-4.92e-04	-3.89e-03	-0.06	-3.97e-04	4.07e-05	4.52e-06
314	3	-1.41e-04	-8.52e-04	-0.01	-8.44e-05	1.22e-05	-1.70e-05
314	4	-1.89e-04	-1.60e-03	-0.02	-1.64e-04	1.58e-05	1.53e-06
315	1	-3.73e-03	-1.98e-03	-0.02	-1.29e-04	1.05e-04	-9.02e-05
315	2	1.99e-04	-5.75e-03	-0.04	-4.14e-04	1.27e-04	5.32e-05
315	3	-1.10e-03	-1.23e-03	-9.88e-03	-8.46e-05	4.21e-05	-2.25e-05
315	4	6.30e-05	-2.34e-03	-0.02	-1.69e-04	4.86e-05	2.00e-05
316	1	-1.70e-03	-1.69e-03	-0.02	-1.29e-04	1.17e-04	-7.36e-05
316	2	-4.20e-04	-4.87e-03	-0.05	-4.07e-04	9.75e-05	3.75e-05
316	3	-5.46e-04	-1.06e-03	-0.01	-8.54e-05	4.34e-05	-1.89e-05
316	4	-1.67e-04	-2.00e-03	-0.02	-1.68e-04	3.76e-05	1.41e-05
317	1	-3.24e-03	-2.00e-03	-3.78e-03	-1.17e-04	-1.73e-04	8.75e-05
317	2	8.58e-04	-4.61e-03	-7.95e-03	-2.41e-04	1.43e-04	-6.89e-06
317	3	-8.96e-04	-1.06e-03	-1.89e-03	-5.82e-05	-4.03e-05	2.55e-05
317	4	3.17e-03	-1.83e-03	-3.12e-03	-9.49e-05	5.33e-05	-2.46e-06
318	1	-1.21e-04	-1.27e-03	-1.66e-03	-7.95e-05	-6.80e-05	7.83e-05
318	2	3.44e-04	-2.87e-03	-3.54e-03	-1.65e-04	9.05e-05	-1.16e-05
318	3	-3.33e-04	-6.66e-04	-8.30e-04	-3.93e-05	-1.32e-05	2.24e-05
318	4	1.27e-04	-1.14e-03	-1.39e-03	-6.48e-05	3.37e-05	-4.26e-06
319	1	-5.32e-03	-2.41e-03	-6.50e-03	-1.42e-04	-3.71e-04	4.50e-05
319	2	1.31e-03	-5.78e-03	-0.01	-3.02e-04	1.66e-04	4.84e-06
319	3	-1.48e-03	-1.31e-03	-3.26e-03	-7.23e-05	-9.70e-05	1.38e-05
319	4	4.83e-04	-2.31e-03	-5.38e-03	-1.20e-04	6.19e-05	1.94e-06
320	1	-6.70e-03	-2.52e-03	-9.52e-03	-1.49e-04	-5.37e-04	-3.07e-05
320	2	1.51e-03	-6.43e-03	-0.02	-3.51e-04	1.67e-04	2.08e-05
320	3	-1.88e-03	-1.42e-03	-4.84e-03	-8.01e-05	-1.46e-04	-7.34e-06
320	4	5.56e-04	-2.58e-03	-8.07e-03	-1.40e-04	6.26e-05	7.90e-06
321	1	-6.84e-03	-2.43e-03	-0.01	-1.42e-04	-4.46e-04	-9.25e-05
321	2	1.37e-03	-6.61e-03	-0.03	-3.87e-04	1.59e-04	3.79e-05
321	3	-1.93e-03	-1.43e-03	-6.51e-03	-8.26e-05	-1.19e-04	-2.43e-05
321	4	5.00e-04	-2.66e-03	-0.01	-1.55e-04	6.00e-05	1.43e-05
322	1	-5.68e-03	-2.22e-03	-0.02	-1.32e-04	-1.33e-04	-1.10e-04
322	2	8.86e-04	-6.36e-03	-0.04	-4.08e-04	1.49e-04	5.14e-05
322	3	-1.63e-03	-1.35e-03	-8.19e-03	-8.33e-05	-2.71e-05	-2.86e-05
322	4	3.20e-04	-2.58e-03	-0.01	-1.65e-04	5.65e-05	1.94e-05



323	1	-9.07e-03	-2.00e-03	-9.51e-03	0.0	-5.33e-04	-2.00e-05
323	2	2.21e-03	-5.13e-03	-0.02	0.0	1.52e-04	2.08e-05
323	3	-2.52e-03	-1.13e-03	-4.83e-03	0.0	-1.46e-04	-4.22e-06
323	4	8.18e-04	-2.06e-03	-8.05e-03	0.0	5.69e-05	7.85e-06
324	1	-1.65e-03	-4.56e-04	-1.52e-03	0.0	3.05e-05	1.06e-04
324	2	1.65e-03	-1.11e-03	-3.23e-03	0.0	3.09e-05	-5.57e-05
324	3	-3.65e-04	-2.50e-04	-7.57e-04	0.0	1.14e-05	2.73e-05
324	4	6.14e-04	-4.45e-04	-1.26e-03	0.0	1.16e-05	-2.07e-05
325	1	-4.72e-03	-8.42e-04	-3.70e-03	0.0	1.37e-05	1.86e-04
325	2	2.55e-03	-2.07e-03	-7.74e-03	0.0	5.34e-05	-2.93e-05
325	3	-1.20e-03	-4.65e-04	-1.84e-03	0.0	8.24e-06	5.28e-05
325	4	9.50e-04	-8.27e-04	-3.04e-03	0.0	2.00e-05	-1.09e-05
326	1	0.0	0.0	0.0	0.0	0.0	4.71e-05
326	2	0.0	0.0	0.0	0.0	0.0	-6.92e-05
326	3	0.0	0.0	0.0	0.0	0.0	8.71e-06
326	4	0.0	0.0	0.0	0.0	0.0	-2.57e-05
327	1	-8.83e-03	-1.19e-03	-6.47e-03	0.0	-1.33e-04	1.70e-04
327	2	2.90e-03	-3.00e-03	-0.01	0.0	7.28e-05	-3.68e-06
327	3	-2.40e-03	-6.68e-04	-3.24e-03	0.0	-3.37e-05	5.02e-05
327	4	1.08e-03	-1.20e-03	-5.32e-03	0.0	2.74e-05	-1.33e-06
328	1	-0.01	-1.48e-03	-9.51e-03	0.0	-3.29e-04	2.49e-06
328	2	2.76e-03	-3.86e-03	-0.02	0.0	9.10e-05	1.73e-05
328	3	-3.07e-03	-8.48e-04	-4.83e-03	0.0	-9.02e-05	2.12e-06
328	4	1.03e-03	-1.55e-03	-8.04e-03	0.0	3.43e-05	6.51e-06
329	1	-9.32e-03	-1.69e-03	-0.01	0.0	-3.06e-04	-1.42e-04
329	2	2.23e-03	-4.60e-03	-0.03	0.0	1.10e-04	3.56e-05
329	3	-2.60e-03	-9.95e-04	-6.50e-03	0.0	-8.15e-05	-3.92e-05
329	4	8.25e-04	-1.86e-03	-0.01	0.0	4.18e-05	1.34e-05
330	1	-6.03e-03	-1.83e-03	-0.02	0.0	-6.81e-05	-1.34e-04
330	2	1.34e-03	-5.19e-03	-0.04	0.0	1.26e-04	5.04e-05
330	3	-1.69e-03	-1.11e-03	-8.18e-03	0.0	-9.51e-06	-3.58e-05
330	4	4.92e-04	-2.11e-03	-0.01	0.0	4.81e-05	1.89e-05
331	1	-4.58e-04	-1.89e-03	-0.02	-1.27e-04	0.0	-7.24e-05
331	2	-6.36e-04	-5.47e-03	-0.06	-3.98e-04	0.0	1.26e-05
331	3	-1.92e-04	-1.18e-03	-0.01	-8.37e-05	0.0	-2.06e-05
331	4	-2.45e-04	-2.25e-03	-0.02	-1.64e-04	0.0	4.56e-06
332	1	-6.16e-04	-4.40e-04	-6.35e-04	0.0	-1.86e-05	6.48e-05
332	2	5.49e-04	-1.01e-03	-1.36e-03	0.0	4.51e-05	-4.49e-05
332	3	-1.41e-04	-2.33e-04	-3.17e-04	0.0	-2.08e-06	1.58e-05
332	4	2.04e-04	-4.02e-04	-5.31e-04	0.0	1.68e-05	-1.67e-05
333	1	-3.55e-04	-6.84e-04	-7.36e-04	-5.54e-05	-3.55e-05	5.01e-05
333	2	1.05e-04	-1.53e-03	-1.59e-03	-1.17e-04	4.71e-05	-9.61e-06
333	3	-9.74e-05	-3.55e-04	-3.71e-04	-2.73e-05	-6.95e-06	1.42e-05
333	4	3.90e-05	-6.05e-04	-6.24e-04	-4.56e-05	1.75e-05	-3.54e-06
334	1	-6.43e-04	-2.22e-04	-5.85e-04	0.0	1.21e-05	6.28e-05
334	2	8.60e-04	-5.46e-04	-1.24e-03	0.0	1.71e-05	-7.26e-05
334	3	-1.25e-04	-1.22e-04	-2.89e-04	0.0	4.89e-06	1.31e-05
334	4	3.20e-04	-2.18e-04	-4.85e-04	0.0	6.37e-06	-2.70e-05
335	1	0.0	0.0	0.0	0.0	0.0	1.94e-05
335	2	0.0	0.0	0.0	0.0	0.0	-4.40e-05
335	3	0.0	0.0	0.0	0.0	0.0	2.39e-06
335	4	0.0	0.0	0.0	0.0	0.0	-1.64e-05
336	1	-2.71e-04	7.46e-05	-5.81e-04	0.0	4.60e-05	2.63e-05
336	2	5.98e-04	9.79e-05	-1.23e-03	0.0	-6.16e-05	-4.72e-05
336	3	-3.46e-05	2.96e-05	-2.86e-04	0.0	8.99e-06	4.19e-06
336	4	2.23e-04	3.65e-05	-4.78e-04	0.0	-2.29e-05	-1.76e-05
337	1	-8.54e-03	-2.40e-04	-0.01	-1.33e-04	9.33e-04	-7.19e-05
337	2	2.23e-03	-5.91e-04	-0.03	-3.64e-04	-2.31e-04	1.04e-05
337	3	-2.36e-03	-1.38e-04	-6.53e-03	-7.82e-05	2.59e-04	-2.05e-05
337	4	8.34e-04	-2.42e-04	-0.01	-1.46e-04	-8.56e-05	3.85e-06
338	1	-5.88e-03	-1.62e-03	-5.05e-03	0.0	-2.12e-04	1.46e-04
338	2	2.08e-03	-3.88e-03	-0.01	0.0	1.41e-04	-8.98e-06
338	3	-1.59e-03	-8.83e-04	-2.52e-03	0.0	-5.19e-05	4.27e-05
338	4	7.73e-04	-1.55e-03	-4.15e-03	0.0	5.26e-05	-3.27e-06
339	1	-4.32e-03	-2.25e-03	-5.08e-03	-1.31e-04	-2.63e-04	7.24e-05
339	2	1.10e-03	-5.26e-03	-0.01	-2.73e-04	1.57e-04	-1.74e-06
339	3	-1.20e-03	-1.21e-03	-2.54e-03	-6.60e-05	-6.59e-05	2.14e-05
339	4	4.08e-04	-2.10e-03	-4.19e-03	-1.08e-04	5.88e-05	0.0
340	1	-8.97e-04	-1.54e-03	-0.02	-1.28e-04	5.53e-05	-6.00e-05
340	2	-5.61e-04	-4.39e-03	-0.06	-3.96e-04	6.92e-05	1.66e-05
340	3	-3.17e-04	-9.56e-04	-0.01	-8.43e-05	2.26e-05	-1.66e-05
340	4	-2.18e-04	-1.80e-03	-0.02	-1.64e-04	2.67e-05	6.14e-06
341	1	-6.83e-03	-1.03e-03	-5.03e-03	0.0	-6.57e-05	2.21e-04
341	2	2.80e-03	-2.54e-03	-0.01	0.0	7.42e-05	-1.76e-05
341	3	-1.81e-03	-5.69e-04	-2.50e-03	0.0	-1.36e-05	6.41e-05
341	4	1.04e-03	-1.02e-03	-4.12e-03	0.0	2.78e-05	-6.54e-06
342	1	-7.38e-03	-1.79e-03	-6.48e-03	0.0	-3.31e-04	1.10e-04



342	2	2.22e-03	-4.37e-03	-0.01	0.0	1.48e-04	1.47e-06
342	3	-2.02e-03	-9.86e-04	-3.25e-03	0.0	-8.65e-05	3.29e-05
342	4	8.25e-04	-1.75e-03	-5.35e-03	0.0	5.55e-05	0.0
343	1	-4.42e-03	-3.75e-04	-0.02	-1.30e-04	5.41e-04	-7.99e-05
343	2	1.83e-03	-8.31e-04	-0.04	-3.88e-04	-1.74e-04	1.68e-05
343	3	-1.17e-03	-2.03e-04	-8.20e-03	-8.08e-05	1.47e-04	-2.24e-05
343	4	6.86e-04	-3.38e-04	-0.01	-1.57e-04	-6.42e-05	6.26e-06
344	1	-4.27e-03	1.04e-04	-5.02e-03	0.0	4.89e-04	1.89e-04
344	2	2.03e-03	-1.89e-06	-0.01	0.0	-2.05e-04	-1.65e-05
344	3	-1.11e-03	2.39e-05	-2.50e-03	0.0	1.30e-04	5.47e-05
344	4	7.57e-04	-7.42e-06	-4.11e-03	0.0	-7.60e-05	-6.19e-06
345	1	-1.26e-05	5.55e-05	-3.17e-04	-1.83e-05	2.34e-05	0.0
345	2	2.08e-04	3.24e-04	-5.44e-03	-4.08e-04	4.93e-04	0.0
345	3	1.28e-05	4.99e-05	-5.16e-04	-3.81e-05	4.34e-05	0.0
345	4	7.82e-05	1.29e-04	-2.04e-03	-1.54e-04	1.82e-04	0.0
346	1	0.0	0.0	0.0	-2.89e-05	0.0	0.0
346	2	0.0	0.0	0.0	-4.68e-04	5.86e-06	0.0
346	3	0.0	0.0	0.0	-4.44e-05	0.0	0.0
346	4	0.0	0.0	0.0	-1.74e-04	2.17e-06	0.0
347	1	-1.88e-05	4.52e-05	-5.22e-04	-2.48e-05	1.75e-05	0.0
347	2	1.77e-04	2.33e-04	-0.01	-7.30e-04	4.41e-04	0.0
347	3	7.73e-06	3.83e-05	-9.19e-04	-6.42e-05	3.79e-05	0.0
347	4	6.58e-05	9.39e-05	-3.75e-03	-2.73e-04	1.64e-04	0.0
348	1	0.0	0.0	0.0	-5.14e-05	0.0	0.0
348	2	0.0	0.0	0.0	-8.81e-04	5.23e-06	0.0
348	3	0.0	0.0	0.0	-8.15e-05	0.0	0.0
348	4	0.0	0.0	0.0	-3.27e-04	1.94e-06	0.0
349	1	-2.19e-05	3.82e-05	-6.67e-04	-2.95e-05	1.19e-05	0.0
349	2	1.57e-04	1.73e-04	-0.01	-1.04e-03	3.90e-04	0.0
349	3	4.97e-06	3.06e-05	-1.27e-03	-8.85e-05	3.25e-05	0.0
349	4	5.79e-05	7.06e-05	-5.27e-03	-3.87e-04	1.45e-04	0.0
350	1	0.0	0.0	0.0	-6.73e-05	0.0	0.0
350	2	0.0	0.0	0.0	-1.24e-03	4.59e-06	0.0
350	3	0.0	0.0	0.0	-1.13e-04	0.0	0.0
350	4	0.0	0.0	0.0	-4.60e-04	1.70e-06	0.0
351	1	-2.29e-05	3.32e-05	-7.61e-04	-3.18e-05	7.15e-06	0.0
351	2	1.37e-04	1.31e-04	-0.02	-1.31e-03	3.36e-04	0.0
351	3	3.13e-06	2.50e-05	-1.56e-03	-1.10e-04	2.71e-05	0.0
351	4	5.06e-05	5.40e-05	-6.60e-03	-4.90e-04	1.25e-04	0.0
352	1	0.0	0.0	0.0	-7.78e-05	0.0	0.0
352	2	0.0	0.0	0.0	-1.55e-03	3.95e-06	0.0
352	3	0.0	0.0	0.0	-1.39e-04	0.0	0.0
352	4	0.0	0.0	0.0	-5.74e-04	1.46e-06	0.0
353	1	-2.23e-05	2.97e-05	-8.10e-04	-3.12e-05	2.81e-06	0.0
353	2	1.16e-04	1.00e-04	-0.02	-1.55e-03	2.77e-04	0.0
353	3	1.81e-06	2.10e-05	-1.80e-03	-1.27e-04	2.14e-05	0.0
353	4	4.28e-05	4.19e-05	-7.72e-03	-5.77e-04	1.03e-04	0.0
354	1	0.0	0.0	0.0	-8.42e-05	0.0	0.0
354	2	0.0	0.0	0.0	-1.81e-03	3.25e-06	0.0
354	3	0.0	0.0	0.0	-1.60e-04	0.0	0.0
354	4	0.0	0.0	0.0	-6.70e-04	1.20e-06	0.0
355	1	-1.99e-05	2.76e-05	-8.18e-04	-2.79e-05	-1.19e-06	0.0
355	2	9.25e-05	7.79e-05	-0.02	-1.74e-03	2.11e-04	0.0
355	3	0.0	1.83e-05	-1.98e-03	-1.40e-04	1.53e-05	0.0
355	4	3.42e-05	3.32e-05	-8.61e-03	-6.47e-04	7.82e-05	0.0
356	1	0.0	0.0	0.0	-8.69e-05	0.0	0.0
356	2	0.0	0.0	0.0	-2.01e-03	2.48e-06	0.0
356	3	0.0	0.0	0.0	-1.76e-04	0.0	0.0
356	4	0.0	0.0	0.0	-7.47e-04	0.0	0.0
357	1	-1.58e-05	2.69e-05	-7.88e-04	-2.20e-05	-4.75e-06	0.0
357	2	6.75e-05	6.26e-05	-0.02	-1.87e-03	1.42e-04	0.0
357	3	0.0	1.65e-05	-2.10e-03	-1.49e-04	9.07e-06	0.0
357	4	2.52e-05	2.71e-05	-9.26e-03	-6.98e-04	5.24e-05	0.0
358	1	0.0	0.0	0.0	-8.61e-05	0.0	0.0
358	2	0.0	0.0	0.0	-2.16e-03	1.66e-06	0.0
358	3	0.0	0.0	0.0	-1.87e-04	0.0	0.0
358	4	0.0	0.0	0.0	-8.02e-04	0.0	0.0
359	1	-9.76e-06	2.77e-05	-7.26e-04	-1.40e-05	-7.71e-06	0.0
359	2	4.18e-05	5.33e-05	-0.03	-1.96e-03	6.99e-05	0.0
359	3	0.0	1.58e-05	-2.16e-03	-1.52e-04	2.86e-06	0.0
359	4	1.60e-05	2.34e-05	-9.65e-03	-7.28e-04	2.59e-05	0.0
360	1	0.0	0.0	0.0	-8.23e-05	0.0	0.0
360	2	0.0	0.0	0.0	-2.25e-03	0.0	0.0
360	3	0.0	0.0	0.0	-1.92e-04	0.0	0.0
360	4	0.0	0.0	0.0	-8.35e-04	0.0	0.0
361	1	-1.78e-06	3.00e-05	-6.39e-04	-4.68e-06	-9.96e-06	0.0
361	2	1.65e-05	4.96e-05	-0.03	-1.98e-03	-1.76e-06	0.0



361	3	1.44e-06	1.60e-05	-2.16e-03	-1.52e-04	-3.13e-06	0.0
361	4	6.84e-06	2.18e-05	-9.77e-03	-7.38e-04	0.0	0.0
362	1	0.0	0.0	0.0	-7.61e-05	0.0	0.0
362	2	0.0	0.0	0.0	-2.28e-03	0.0	0.0
362	3	0.0	0.0	0.0	-1.92e-04	0.0	0.0
362	4	0.0	0.0	0.0	-8.45e-04	0.0	0.0
363	1	8.26e-06	3.41e-05	-5.33e-04	5.40e-06	-1.14e-05	0.0
363	2	-7.61e-06	5.13e-05	-0.03	-1.96e-03	-7.14e-05	0.0
363	3	2.93e-06	1.73e-05	-2.10e-03	-1.46e-04	-8.73e-06	0.0
363	4	-1.77e-06	2.24e-05	-9.63e-03	-7.27e-04	-2.65e-05	0.0
364	1	0.0	0.0	0.0	-6.79e-05	0.0	0.0
364	2	0.0	0.0	0.0	-2.25e-03	0.0	0.0
364	3	0.0	0.0	0.0	-1.87e-04	0.0	0.0
364	4	0.0	0.0	0.0	-8.33e-04	0.0	0.0
365	1	2.04e-05	4.01e-05	-4.17e-04	1.54e-05	-1.19e-05	0.0
365	2	-2.93e-05	5.83e-05	-0.02	-1.88e-03	-1.37e-04	0.0
365	3	5.22e-06	1.96e-05	-1.99e-03	-1.38e-04	-1.37e-05	0.0
365	4	-9.49e-06	2.50e-05	-9.25e-03	-6.98e-04	-5.08e-05	0.0
366	1	0.0	0.0	0.0	-5.86e-05	0.0	0.0
366	2	0.0	0.0	0.0	-2.16e-03	-1.60e-06	0.0
366	3	0.0	0.0	0.0	-1.78e-04	0.0	0.0
366	4	0.0	0.0	0.0	-8.01e-04	0.0	0.0
367	1	3.45e-05	4.82e-05	-3.02e-04	2.45e-05	-1.14e-05	0.0
367	2	-4.74e-05	7.09e-05	-0.02	-1.75e-03	-1.96e-04	0.0
367	3	8.37e-06	2.31e-05	-1.83e-03	-1.25e-04	-1.80e-05	0.0
367	4	-1.59e-05	2.98e-05	-8.64e-03	-6.50e-04	-7.28e-05	0.0
368	1	0.0	0.0	0.0	-4.87e-05	0.0	0.0
368	2	0.0	0.0	0.0	-2.02e-03	-2.29e-06	0.0
368	3	0.0	0.0	0.0	-1.65e-04	0.0	0.0
368	4	0.0	0.0	0.0	-7.48e-04	0.0	0.0
369	1	5.06e-05	5.88e-05	-1.96e-04	3.17e-05	-9.88e-06	0.0
369	2	-6.09e-05	8.95e-05	-0.02	-1.58e-03	-2.47e-04	0.0
369	3	1.24e-05	2.78e-05	-1.64e-03	-1.10e-04	-2.13e-05	0.0
369	4	-2.06e-05	3.69e-05	-7.83e-03	-5.87e-04	-9.15e-05	0.0
370	1	0.0	0.0	0.0	-3.91e-05	0.0	0.0
370	2	0.0	0.0	0.0	-1.83e-03	-2.88e-06	0.0
370	3	0.0	0.0	0.0	-1.48e-04	0.0	0.0
370	4	0.0	0.0	0.0	-6.79e-04	-1.07e-06	0.0
371	1	6.81e-05	7.22e-05	-1.10e-04	3.61e-05	-7.21e-06	0.0
371	2	-6.84e-05	1.15e-04	-0.02	-1.37e-03	-2.87e-04	0.0
371	3	1.73e-05	3.40e-05	-1.42e-03	-9.39e-05	-2.34e-05	0.0
371	4	-2.32e-05	4.65e-05	-6.85e-03	-5.11e-04	-1.06e-04	0.0
372	1	0.0	0.0	0.0	-3.07e-05	0.0	0.0
372	2	0.0	0.0	0.0	-1.61e-03	-3.34e-06	0.0
372	3	0.0	0.0	0.0	-1.29e-04	0.0	0.0
372	4	0.0	0.0	0.0	-5.95e-04	-1.24e-06	0.0
373	1	8.67e-05	8.89e-05	-5.70e-05	3.66e-05	-3.34e-06	0.0
373	2	-6.89e-05	1.48e-04	-0.02	-1.14e-03	-3.13e-04	0.0
373	3	2.30e-05	4.18e-05	-1.18e-03	-7.66e-05	-2.42e-05	0.0
373	4	-2.31e-05	5.92e-05	-5.75e-03	-4.25e-04	-1.16e-04	0.0
374	1	0.0	0.0	0.0	-2.44e-05	0.0	0.0
374	2	0.0	0.0	0.0	-1.35e-03	-3.64e-06	0.0
374	3	0.0	0.0	0.0	-1.08e-04	0.0	0.0
374	4	0.0	0.0	0.0	-5.01e-04	-1.35e-06	0.0
375	1	1.05e-04	1.10e-04	-4.77e-05	3.21e-05	1.68e-06	0.0
375	2	-6.14e-05	1.90e-04	-0.01	-8.96e-04	-3.23e-04	0.0
375	3	2.92e-05	5.17e-05	-9.44e-04	-5.98e-05	-2.34e-05	0.0
375	4	-2.02e-05	7.55e-05	-4.58e-03	-3.35e-04	-1.20e-04	0.0
376	1	0.0	0.0	0.0	-2.10e-05	0.0	0.0
376	2	0.0	0.0	0.0	-1.08e-03	-3.75e-06	0.0
376	3	0.0	0.0	0.0	-8.69e-05	0.0	0.0
376	4	0.0	0.0	0.0	-4.01e-04	-1.39e-06	0.0
377	1	1.22e-04	1.36e-04	-9.20e-05	2.14e-05	7.43e-06	0.0
377	2	-4.59e-05	2.45e-04	-9.16e-03	-6.54e-04	-3.17e-04	0.0
377	3	3.54e-05	6.43e-05	-7.22e-04	-4.49e-05	-2.12e-05	0.0
377	4	-1.44e-05	9.68e-05	-3.41e-03	-2.45e-04	-1.17e-04	0.0
378	1	0.0	0.0	0.0	-2.12e-05	0.0	0.0
378	2	0.0	0.0	0.0	-8.08e-04	-3.67e-06	0.0
378	3	0.0	0.0	0.0	-6.68e-05	0.0	0.0
378	4	0.0	0.0	0.0	-3.00e-04	-1.36e-06	0.0
379	1	1.34e-04	1.70e-04	-1.93e-04	3.04e-06	1.29e-05	0.0
379	2	-2.51e-05	3.21e-04	-6.13e-03	-4.32e-04	-2.97e-04	0.0
379	3	4.04e-05	8.12e-05	-5.29e-04	-3.40e-05	-1.80e-05	0.0
379	4	-6.80e-06	1.26e-04	-2.29e-03	-1.63e-04	-1.10e-04	0.0
380	1	0.0	0.0	0.0	-2.44e-05	0.0	0.0
380	2	0.0	0.0	0.0	-5.41e-04	-3.47e-06	0.0
380	3	0.0	0.0	0.0	-4.81e-05	0.0	0.0



380	4	0.0	0.0	0.0	-2.01e-04	-1.28e-06	0.0
381	1	1.34e-04	2.21e-04	-3.45e-04	-2.45e-05	1.83e-05	0.0
381	2	-1.13e-05	4.35e-04	-3.35e-03	-2.56e-04	-2.64e-04	0.0
381	3	4.09e-05	1.06e-04	-3.70e-04	-2.90e-05	-1.39e-05	0.0
381	4	-2.22e-06	1.70e-04	-1.26e-03	-9.75e-05	-9.76e-05	0.0
382	1	0.0	0.0	0.0	-2.89e-05	0.0	0.0
382	2	0.0	0.0	0.0	-2.82e-04	-3.16e-06	0.0
382	3	0.0	0.0	0.0	-3.07e-05	0.0	0.0
382	4	0.0	0.0	0.0	-1.06e-04	-1.16e-06	0.0
383	1	-1.94e-05	1.12e-04	-4.10e-04	1.70e-06	1.21e-05	0.0
383	2	5.39e-04	6.38e-04	-9.62e-03	-3.04e-04	7.90e-04	-1.62e-05
383	3	3.75e-05	9.94e-05	-8.91e-04	-2.54e-05	6.32e-05	-1.65e-06
383	4	2.03e-04	2.55e-04	-3.62e-03	-1.16e-04	2.94e-04	-6.25e-06
384	1	-2.94e-05	9.25e-05	-5.25e-04	2.14e-05	8.54e-06	0.0
384	2	4.82e-04	4.75e-04	-0.02	-5.33e-04	7.60e-04	-1.28e-05
384	3	2.90e-05	7.80e-05	-1.51e-03	-3.72e-05	5.95e-05	-1.38e-06
384	4	1.81e-04	1.91e-04	-6.52e-03	-2.01e-04	2.82e-04	-4.94e-06
385	1	-3.71e-05	7.80e-05	-5.87e-04	4.13e-05	2.87e-06	0.0
385	2	4.22e-04	3.62e-04	-0.02	-7.48e-04	6.97e-04	-1.01e-05
385	3	2.14e-05	6.28e-05	-2.07e-03	-4.77e-05	5.29e-05	-1.12e-06
385	4	1.58e-04	1.47e-04	-9.21e-03	-2.81e-04	2.58e-04	-3.90e-06
386	1	-4.20e-05	6.69e-05	-5.86e-04	6.16e-05	-3.63e-06	0.0
386	2	3.61e-04	2.81e-04	-0.03	-9.43e-04	6.09e-04	-7.94e-06
386	3	1.51e-05	5.17e-05	-2.56e-03	-5.65e-05	4.43e-05	0.0
386	4	1.35e-04	1.15e-04	-0.01	-3.54e-04	2.26e-04	-3.08e-06
387	1	-4.39e-05	5.87e-05	-5.18e-04	8.26e-05	-1.01e-05	0.0
387	2	2.98e-04	2.22e-04	-0.04	-1.11e-03	5.04e-04	-6.16e-06
387	3	9.71e-06	4.34e-05	-2.95e-03	-6.31e-05	3.45e-05	0.0
387	4	1.11e-04	9.17e-05	-0.01	-4.17e-04	1.87e-04	-2.40e-06
388	1	-4.26e-05	5.33e-05	-3.89e-04	1.04e-04	-1.61e-05	0.0
388	2	2.32e-04	1.79e-04	-0.04	-1.25e-03	3.86e-04	-4.57e-06
388	3	5.34e-06	3.75e-05	-3.24e-03	-6.70e-05	2.39e-05	0.0
388	4	8.67e-05	7.46e-05	-0.02	-4.68e-04	1.43e-04	-1.78e-06
389	1	-3.79e-05	5.05e-05	-2.06e-04	1.26e-04	-2.10e-05	0.0
389	2	1.65e-04	1.49e-04	-0.04	-1.35e-03	2.60e-04	-3.09e-06
389	3	2.00e-06	3.36e-05	-3.42e-03	-6.82e-05	1.31e-05	0.0
389	4	6.20e-05	6.27e-05	-0.02	-5.05e-04	9.62e-05	-1.21e-06
390	1	-2.96e-05	5.05e-05	1.94e-05	1.46e-04	-2.45e-05	0.0
390	2	9.71e-05	1.30e-04	-0.05	-1.41e-03	1.29e-04	-1.68e-06
390	3	0.0	3.17e-05	-3.50e-03	-6.67e-05	2.32e-06	0.0
390	4	3.73e-05	5.53e-05	-0.02	-5.28e-04	4.79e-05	0.0
391	1	-1.76e-05	5.36e-05	2.71e-04	1.65e-04	-2.62e-05	0.0
391	2	3.07e-05	1.22e-04	-0.05	-1.43e-03	-1.23e-06	0.0
391	3	-1.21e-06	3.16e-05	-3.47e-03	-6.27e-05	-7.93e-06	0.0
391	4	1.31e-05	5.20e-05	-0.02	-5.36e-04	0.0	0.0
392	1	-1.68e-06	6.01e-05	5.31e-04	1.82e-04	-2.61e-05	0.0
392	2	-3.31e-05	1.24e-04	-0.05	-1.42e-03	-1.28e-04	0.0
392	3	0.0	3.36e-05	-3.34e-03	-5.66e-05	-1.73e-05	0.0
392	4	-1.01e-05	5.25e-05	-0.02	-5.30e-04	-4.76e-05	0.0
393	1	1.82e-05	7.04e-05	7.79e-04	1.94e-04	-2.38e-05	1.27e-06
393	2	-9.23e-05	1.36e-04	-0.04	-1.36e-03	-2.47e-04	2.29e-06
393	3	1.10e-06	3.75e-05	-3.13e-03	-4.89e-05	-2.55e-05	0.0
393	4	-3.16e-05	5.70e-05	-0.02	-5.10e-04	-9.18e-05	0.0
394	1	4.18e-05	8.50e-05	9.92e-04	2.01e-04	-1.92e-05	1.63e-06
394	2	-1.45e-04	1.58e-04	-0.04	-1.27e-03	-3.55e-04	3.56e-06
394	3	4.59e-06	4.38e-05	-2.84e-03	-4.01e-05	-3.21e-05	0.0
394	4	-5.09e-05	6.54e-05	-0.02	-4.77e-04	-1.32e-04	1.35e-06
395	1	6.91e-05	1.05e-04	1.15e-03	2.02e-04	-1.21e-05	2.00e-06
395	2	-1.90e-04	1.91e-04	-0.04	-1.15e-03	-4.47e-04	4.80e-06
395	3	9.69e-06	5.25e-05	-2.50e-03	-3.11e-05	-3.68e-05	1.00e-06
395	4	-6.71e-05	7.82e-05	-0.01	-4.32e-04	-1.66e-04	1.83e-06
396	1	9.92e-05	1.30e-04	1.22e-03	1.94e-04	-2.52e-06	2.37e-06
396	2	-2.25e-04	2.37e-04	-0.03	-1.01e-03	-5.18e-04	5.99e-06
396	3	1.63e-05	6.42e-05	-2.12e-03	-2.26e-05	-3.93e-05	1.21e-06
396	4	-7.98e-05	9.57e-05	-0.01	-3.80e-04	-1.92e-04	2.29e-06
397	1	1.31e-04	1.63e-04	1.19e-03	1.77e-04	9.71e-06	2.68e-06
397	2	-2.48e-04	2.97e-04	-0.03	-8.52e-04	-5.64e-04	7.06e-06
397	3	2.43e-05	7.92e-05	-1.73e-03	-1.57e-05	-3.90e-05	1.40e-06
397	4	-8.81e-05	1.19e-04	-0.01	-3.21e-04	-2.09e-04	2.70e-06
398	1	1.63e-04	2.05e-04	1.02e-03	1.50e-04	2.46e-05	2.86e-06
398	2	-2.58e-04	3.74e-04	-0.02	-6.86e-04	-5.79e-04	7.95e-06
398	3	3.32e-05	9.85e-05	-1.36e-03	-1.13e-05	-3.57e-05	1.53e-06
398	4	-9.16e-05	1.49e-04	-8.05e-03	-2.59e-04	-2.15e-04	3.04e-06
399	1	1.93e-04	2.57e-04	6.97e-04	1.11e-04	4.23e-05	2.72e-06
399	2	-2.53e-04	4.76e-04	-0.02	-5.23e-04	-5.58e-04	8.46e-06
399	3	4.23e-05	1.23e-04	-1.04e-03	-1.06e-05	-2.90e-05	1.53e-06
399	4	-8.99e-05	1.88e-04	-5.95e-03	-1.98e-04	-2.07e-04	3.23e-06



400	1	2.17e-04	3.26e-04	1.82e-04	5.87e-05	6.24e-05	1.95e-06
400	2	-2.32e-04	6.12e-04	-0.01	-3.76e-04	-4.95e-04	8.23e-06
400	3	5.04e-05	1.56e-04	-8.00e-04	-1.50e-05	-1.83e-05	1.28e-06
400	4	-8.26e-05	2.41e-04	-4.00e-03	-1.44e-04	-1.83e-04	3.14e-06
401	1	2.31e-04	4.20e-04	-5.47e-04	-7.53e-06	8.49e-05	0.0
401	2	-1.88e-04	8.03e-04	-6.22e-03	-2.54e-04	-3.79e-04	6.09e-06
401	3	5.68e-05	2.01e-04	-6.89e-04	-2.52e-05	-3.12e-06	0.0
401	4	-6.73e-05	3.14e-04	-2.37e-03	-9.83e-05	-1.41e-04	2.31e-06
402	1	3.32e-04	5.55e-04	-4.95e-04	1.96e-05	1.81e-04	0.0
402	2	-1.80e-04	1.05e-03	-9.09e-03	-2.96e-04	-4.86e-04	0.0
402	3	8.80e-05	2.66e-04	-9.32e-04	-2.16e-05	1.73e-05	0.0
402	4	-6.38e-05	4.12e-04	-3.48e-03	-1.15e-04	-1.80e-04	0.0
403	1	2.94e-04	4.36e-04	1.08e-03	1.26e-04	1.40e-04	0.0
403	2	-2.49e-04	8.23e-04	-0.01	-3.69e-04	-6.10e-04	0.0
403	3	7.26e-05	2.10e-04	-8.72e-04	4.30e-06	-3.93e-06	0.0
403	4	-8.85e-05	3.24e-04	-5.50e-03	-1.42e-04	-2.26e-04	0.0
404	1	2.50e-04	3.42e-04	2.28e-03	2.11e-04	1.04e-04	0.0
404	2	-2.92e-04	6.52e-04	-0.02	-4.59e-04	-6.85e-04	0.0
404	3	5.69e-05	1.66e-04	-9.96e-04	2.26e-05	-2.03e-05	0.0
404	4	-1.04e-04	2.58e-04	-7.88e-03	-1.76e-04	-2.54e-04	0.0
405	1	2.03e-04	2.69e-04	3.14e-03	2.76e-04	7.04e-05	0.0
405	2	-3.08e-04	5.21e-04	-0.03	-5.57e-04	-7.12e-04	0.0
405	3	4.19e-05	1.33e-04	-1.26e-03	3.46e-05	-3.22e-05	0.0
405	4	-1.09e-04	2.07e-04	-0.01	-2.12e-04	-2.64e-04	0.0
406	1	1.55e-04	2.12e-04	3.68e-03	3.24e-04	4.10e-05	0.0
406	2	-3.02e-04	4.21e-04	-0.03	-6.56e-04	-6.94e-04	0.0
406	3	2.84e-05	1.07e-04	-1.62e-03	4.11e-05	-3.96e-05	0.0
406	4	-1.07e-04	1.68e-04	-0.01	-2.49e-04	-2.58e-04	0.0
407	1	1.11e-04	1.68e-04	3.96e-03	3.54e-04	1.57e-05	0.0
407	2	-2.76e-04	3.43e-04	-0.04	-7.51e-04	-6.39e-04	0.0
407	3	1.70e-05	8.64e-05	-2.03e-03	4.30e-05	-4.30e-05	0.0
407	4	-9.77e-05	1.38e-04	-0.02	-2.85e-04	-2.37e-04	0.0
408	1	7.06e-05	1.34e-04	4.01e-03	3.70e-04	-5.36e-06	0.0
408	2	-2.33e-04	2.85e-04	-0.05	-8.37e-04	-5.52e-04	0.0
408	3	8.00e-06	7.09e-05	-2.45e-03	4.12e-05	-4.27e-05	0.0
408	4	-8.19e-05	1.16e-04	-0.02	-3.16e-04	-2.05e-04	0.0
409	1	3.53e-05	1.08e-04	3.87e-03	3.73e-04	-2.23e-05	0.0
409	2	-1.75e-04	2.43e-04	-0.05	-9.08e-04	-4.39e-04	0.0
409	3	1.47e-06	5.95e-05	-2.86e-03	3.66e-05	-3.93e-05	0.0
409	4	-6.08e-05	9.94e-05	-0.02	-3.43e-04	-1.63e-04	0.0
410	1	5.44e-06	8.94e-05	3.58e-03	3.64e-04	-3.51e-05	0.0
410	2	-1.05e-04	2.15e-04	-0.06	-9.61e-04	-3.05e-04	0.0
410	3	-2.62e-06	5.15e-05	-3.22e-03	3.02e-05	-3.32e-05	0.0
410	4	-3.54e-05	8.87e-05	-0.02	-3.62e-04	-1.13e-04	0.0
411	1	-1.89e-05	7.69e-05	3.19e-03	3.47e-04	-4.40e-05	0.0
411	2	-2.64e-05	2.01e-04	-0.06	-9.92e-04	-1.56e-04	0.0
411	3	-4.42e-06	4.67e-05	-3.51e-03	2.27e-05	-2.47e-05	0.0
411	4	-6.67e-06	8.34e-05	-0.02	-3.74e-04	-5.79e-05	0.0
412	1	-3.78e-05	6.96e-05	2.72e-03	3.22e-04	-4.93e-05	0.0
412	2	5.88e-05	2.00e-04	-0.06	-9.99e-04	2.37e-06	0.0
412	3	-4.14e-06	4.47e-05	-3.70e-03	1.48e-05	-1.45e-05	0.0
412	4	2.45e-05	8.32e-05	-0.02	-3.77e-04	0.0	0.0
413	1	-5.15e-05	6.70e-05	2.22e-03	2.92e-04	-5.13e-05	0.0
413	2	1.48e-04	2.12e-04	-0.06	-9.82e-04	1.65e-04	0.0
413	3	-2.00e-06	4.53e-05	-3.79e-03	7.19e-06	-2.87e-06	0.0
413	4	5.71e-05	8.82e-05	-0.02	-3.70e-04	6.13e-05	0.0
414	1	-6.05e-05	6.85e-05	1.72e-03	2.57e-04	-5.04e-05	0.0
414	2	2.39e-04	2.38e-04	-0.06	-9.39e-04	3.28e-04	0.0
414	3	1.74e-06	4.85e-05	-3.76e-03	0.0	9.56e-06	0.0
414	4	9.04e-05	9.87e-05	-0.02	-3.54e-04	1.22e-04	0.0
415	1	-6.50e-05	7.38e-05	1.24e-03	2.19e-04	-4.70e-05	0.0
415	2	3.28e-04	2.79e-04	-0.05	-8.73e-04	4.85e-04	0.0
415	3	6.85e-06	5.44e-05	-3.60e-03	-5.79e-06	2.23e-05	0.0
415	4	1.23e-04	1.15e-04	-0.02	-3.29e-04	1.80e-04	0.0
416	1	-6.56e-05	8.28e-05	8.00e-04	1.80e-04	-4.17e-05	0.0
416	2	4.16e-04	3.37e-04	-0.05	-7.83e-04	6.30e-04	0.0
416	3	1.31e-05	6.30e-05	-3.32e-03	-1.06e-05	3.48e-05	0.0
416	4	1.56e-04	1.38e-04	-0.02	-2.96e-04	2.34e-04	0.0
417	1	-6.26e-05	9.53e-05	4.20e-04	1.39e-04	-3.53e-05	0.0
417	2	4.98e-04	4.18e-04	-0.04	-6.75e-04	7.60e-04	0.0
417	3	2.04e-05	7.47e-05	-2.92e-03	-1.42e-05	4.65e-05	0.0
417	4	1.87e-04	1.70e-04	-0.01	-2.55e-04	2.82e-04	0.0
418	1	-5.63e-05	1.12e-04	1.07e-04	9.85e-05	-2.83e-05	0.0
418	2	5.75e-04	5.26e-04	-0.03	-5.50e-04	8.68e-04	0.0
418	3	2.85e-05	9.03e-05	-2.40e-03	-1.67e-05	5.68e-05	0.0
418	4	2.16e-04	2.13e-04	-0.01	-2.09e-04	3.22e-04	0.0
419	1	-4.74e-05	1.32e-04	-1.37e-04	5.80e-05	-2.13e-05	0.0



419	2	6.46e-04	6.72e-04	-0.02	-4.14e-04	9.50e-04	0.0
419	3	3.74e-05	1.11e-04	-1.80e-03	-1.81e-05	6.53e-05	0.0
419	4	2.43e-04	2.71e-04	-8.36e-03	-1.58e-04	3.53e-04	0.0
420	1	-3.62e-05	1.57e-04	-3.10e-04	1.87e-05	-1.43e-05	0.0
420	2	7.13e-04	8.74e-04	-0.01	-2.75e-04	1.01e-03	0.0
420	3	4.71e-05	1.38e-04	-1.12e-03	-1.91e-05	7.17e-05	0.0
420	4	2.69e-04	3.50e-04	-4.76e-03	-1.06e-04	3.74e-04	0.0
421	1	4.19e-04	6.56e-04	-1.30e-04	5.46e-05	3.21e-04	3.13e-06
421	2	-3.15e-04	1.24e-03	-0.01	-2.91e-04	-5.22e-04	9.34e-06
421	3	1.04e-04	3.16e-04	-1.09e-03	-1.16e-05	5.60e-05	1.78e-06
421	4	-1.14e-04	4.91e-04	-4.59e-03	-1.14e-04	-1.94e-04	3.62e-06
422	1	3.47e-04	5.18e-04	2.73e-03	2.04e-04	2.55e-04	5.72e-06
422	2	-4.08e-04	1.00e-03	-0.02	-3.49e-04	-6.73e-04	1.26e-05
422	3	7.67e-05	2.52e-04	-6.99e-04	2.81e-05	2.51e-05	2.85e-06
422	4	-1.47e-04	3.95e-04	-6.83e-03	-1.36e-04	-2.50e-04	4.88e-06
423	1	2.77e-04	4.06e-04	4.94e-03	3.19e-04	1.92e-04	6.12e-06
423	2	-4.55e-04	8.08e-04	-0.03	-4.06e-04	-7.59e-04	1.24e-05
423	3	5.32e-05	2.01e-04	-5.79e-04	5.79e-05	0.0	2.96e-06
423	4	-1.64e-04	3.21e-04	-9.48e-03	-1.57e-04	-2.82e-04	4.84e-06
424	1	2.11e-04	3.18e-04	6.56e-03	4.04e-04	1.36e-04	5.63e-06
424	2	-4.66e-04	6.58e-04	-0.03	-4.62e-04	-7.88e-04	1.11e-05
424	3	3.30e-05	1.61e-04	-6.76e-04	7.87e-05	-1.87e-05	2.70e-06
424	4	-1.67e-04	2.62e-04	-0.01	-1.78e-04	-2.93e-04	4.32e-06
425	1	1.49e-04	2.48e-04	7.64e-03	4.63e-04	5.50e-05	4.84e-06
425	2	-4.47e-04	5.42e-04	-0.04	-5.17e-04	-7.69e-04	9.37e-06
425	3	1.63e-05	1.30e-04	-9.32e-04	9.18e-05	-3.23e-05	2.30e-06
425	4	-1.60e-04	2.17e-04	-0.02	-1.98e-04	-2.85e-04	3.65e-06
426	1	9.35e-05	1.95e-04	8.26e-03	4.98e-04	4.08e-05	4.00e-06
426	2	-4.02e-04	4.52e-04	-0.05	-5.68e-04	-7.08e-04	7.56e-06
426	3	3.19e-06	1.06e-04	-1.30e-03	9.83e-05	-4.08e-05	1.89e-06
426	4	-1.44e-04	1.82e-04	-0.02	-2.18e-04	-2.63e-04	2.94e-06
427	1	4.54e-05	1.55e-04	8.47e-03	5.14e-04	3.32e-06	3.21e-06
427	2	-3.36e-04	3.84e-04	-0.05	-6.14e-04	-6.12e-04	5.78e-06
427	3	-6.28e-06	8.72e-05	-1.72e-03	9.95e-05	-4.47e-05	1.48e-06
427	4	-1.19e-04	1.55e-04	-0.02	-2.34e-04	-2.27e-04	2.25e-06
428	1	4.92e-06	1.25e-04	8.34e-03	5.13e-04	-2.75e-05	2.49e-06
428	2	-2.50e-04	3.36e-04	-0.06	-6.50e-04	-4.85e-04	4.06e-06
428	3	-1.22e-05	7.39e-05	-2.17e-03	9.64e-05	-4.44e-05	1.10e-06
428	4	-8.79e-05	1.37e-04	-0.02	-2.48e-04	-1.80e-04	1.57e-06
429	1	-2.80e-05	1.04e-04	7.95e-03	4.98e-04	-5.20e-05	1.84e-06
429	2	-1.50e-04	3.05e-04	-0.06	-6.76e-04	-3.36e-04	2.39e-06
429	3	-1.49e-05	6.49e-05	-2.59e-03	9.00e-05	-4.05e-05	0.0
429	4	-5.12e-05	1.25e-04	-0.02	-2.58e-04	-1.25e-04	0.0
430	1	-5.36e-05	9.03e-05	7.34e-03	4.72e-04	-7.03e-05	1.27e-06
430	2	-3.88e-05	2.90e-04	-0.07	-6.90e-04	-1.69e-04	0.0
430	3	-1.46e-05	5.98e-05	-2.96e-03	8.13e-05	-3.34e-05	0.0
430	4	-1.02e-05	1.19e-04	-0.02	-2.63e-04	-6.28e-05	0.0
431	1	-7.23e-05	8.34e-05	6.58e-03	4.36e-04	-8.30e-05	0.0
431	2	8.09e-05	2.91e-04	-0.07	-6.89e-04	8.49e-06	0.0
431	3	-1.17e-05	5.80e-05	-3.24e-03	7.10e-05	-2.39e-05	0.0
431	4	3.37e-05	1.20e-04	-0.03	-2.63e-04	3.20e-06	0.0
432	1	-8.48e-05	8.21e-05	5.71e-03	3.94e-04	-9.06e-05	0.0
432	2	2.05e-04	3.07e-04	-0.07	-6.75e-04	1.91e-04	-2.61e-06
432	3	-6.46e-06	5.96e-05	-3.42e-03	5.98e-05	-1.25e-05	0.0
432	4	7.95e-05	1.26e-04	-0.02	-2.57e-04	7.11e-05	-1.06e-06
433	1	-9.15e-05	8.59e-05	4.80e-03	3.47e-04	-9.38e-05	0.0
433	2	3.32e-04	3.40e-04	-0.06	-6.46e-04	3.73e-04	-4.39e-06
433	3	0.0	6.42e-05	-3.48e-03	4.82e-05	0.0	0.0
433	4	1.26e-04	1.40e-04	-0.02	-2.46e-04	1.39e-04	-1.76e-06
434	1	-9.31e-05	9.43e-05	3.87e-03	2.97e-04	-9.33e-05	0.0
434	2	4.57e-04	3.91e-04	-0.06	-6.03e-04	5.48e-04	-6.31e-06
434	3	9.37e-06	7.21e-05	-3.41e-03	3.66e-05	1.36e-05	0.0
434	4	1.72e-04	1.60e-04	-0.02	-2.30e-04	2.04e-04	-2.51e-06
435	1	-9.02e-05	1.07e-04	2.97e-03	2.44e-04	-8.98e-05	0.0
435	2	5.77e-04	4.63e-04	-0.05	-5.47e-04	7.11e-04	-8.42e-06
435	3	1.93e-05	8.33e-05	-3.21e-03	2.53e-05	2.68e-05	-1.11e-06
435	4	2.17e-04	1.89e-04	-0.02	-2.09e-04	2.64e-04	-3.35e-06
436	1	-8.35e-05	1.24e-04	2.11e-03	1.89e-04	-8.41e-05	-1.18e-06
436	2	6.92e-04	5.60e-04	-0.04	-4.80e-04	8.54e-04	-1.08e-05
436	3	3.01e-05	9.82e-05	-2.89e-03	1.45e-05	3.94e-05	-1.43e-06
436	4	2.60e-04	2.27e-04	-0.02	-1.84e-04	3.17e-04	-4.28e-06
437	1	-7.35e-05	1.45e-04	1.31e-03	1.34e-04	-7.73e-05	-1.41e-06
437	2	7.97e-04	6.88e-04	-0.04	-4.03e-04	9.71e-04	-1.35e-05
437	3	4.15e-05	1.17e-04	-2.44e-03	4.37e-06	5.04e-05	-1.74e-06
437	4	2.99e-04	2.78e-04	-0.01	-1.55e-04	3.61e-04	-5.32e-06
438	1	-6.11e-05	1.71e-04	5.84e-04	7.94e-05	-7.02e-05	-1.49e-06
438	2	8.88e-04	8.58e-04	-0.03	-3.17e-04	1.05e-03	-1.63e-05



438	3	5.30e-05	1.42e-04	-1.89e-03	-5.13e-06	5.90e-05	-2.02e-06
438	4	3.34e-04	3.45e-04	-9.70e-03	-1.23e-04	3.92e-04	-6.42e-06
439	1	-4.75e-05	2.01e-04	-7.74e-05	2.43e-05	-6.41e-05	-1.30e-06
439	2	9.58e-04	1.08e-03	-0.01	-2.22e-04	1.09e-03	-1.87e-05
439	3	6.37e-05	1.73e-04	-1.27e-03	-1.39e-05	6.40e-05	-2.14e-06
439	4	3.62e-04	4.33e-04	-5.69e-03	-8.70e-05	4.07e-04	-7.28e-06
440	1	-6.32e-05	2.44e-04	1.81e-04	2.71e-05	-1.18e-04	0.0
440	2	1.07e-03	1.26e-03	-0.02	-2.13e-04	1.20e-03	0.0
440	3	6.89e-05	2.05e-04	-1.41e-03	-1.32e-05	5.59e-05	0.0
440	4	4.05e-04	5.07e-04	-6.58e-03	-8.44e-05	4.46e-04	0.0
441	1	-7.76e-05	2.10e-04	1.40e-03	8.35e-05	-1.28e-04	0.0
441	2	9.95e-04	1.03e-03	-0.03	-2.60e-04	1.13e-03	0.0
441	3	5.77e-05	1.72e-04	-1.93e-03	0.0	4.81e-05	0.0
441	4	3.76e-04	4.14e-04	-0.01	-1.02e-04	4.22e-04	0.0
442	1	-9.09e-05	1.79e-04	2.70e-03	1.42e-04	-1.36e-04	0.0
442	2	9.02e-04	8.46e-04	-0.04	-3.09e-04	1.04e-03	0.0
442	3	4.58e-05	1.44e-04	-2.36e-03	1.31e-05	3.83e-05	0.0
442	4	3.40e-04	3.42e-04	-0.01	-1.20e-04	3.86e-04	0.0
443	1	-1.02e-04	1.53e-04	4.08e-03	2.02e-04	-1.43e-04	0.0
443	2	7.91e-04	7.03e-04	-0.05	-3.54e-04	9.12e-04	0.0
443	3	3.36e-05	1.22e-04	-2.68e-03	2.70e-05	2.66e-05	0.0
443	4	2.98e-04	2.85e-04	-0.02	-1.38e-04	3.39e-04	0.0
444	1	-1.10e-04	1.32e-04	5.52e-03	2.61e-04	-1.48e-04	0.0
444	2	6.68e-04	5.94e-04	-0.06	-3.94e-04	7.60e-04	0.0
444	3	2.15e-05	1.04e-04	-2.88e-03	4.14e-05	1.36e-05	0.0
444	4	2.52e-04	2.41e-04	-0.02	-1.53e-04	2.83e-04	0.0
445	1	-1.15e-04	1.15e-04	7.00e-03	3.20e-04	-1.50e-04	0.0
445	2	5.36e-04	5.12e-04	-0.06	-4.29e-04	5.89e-04	0.0
445	3	1.02e-05	9.03e-05	-2.95e-03	5.60e-05	0.0	0.0
445	4	2.03e-04	2.08e-04	-0.02	-1.66e-04	2.19e-04	0.0
446	1	-1.15e-04	1.03e-04	8.47e-03	3.77e-04	-1.48e-04	0.0
446	2	3.99e-04	4.52e-04	-0.07	-4.56e-04	4.03e-04	0.0
446	3	0.0	8.05e-05	-2.88e-03	7.06e-05	-1.33e-05	0.0
446	4	1.52e-04	1.84e-04	-0.03	-1.76e-04	1.50e-04	0.0
447	1	-1.10e-04	9.66e-05	9.90e-03	4.31e-04	-1.41e-04	0.0
447	2	2.59e-04	4.13e-04	-0.07	-4.76e-04	2.11e-04	0.0
447	3	-8.76e-06	7.42e-05	-2.69e-03	8.49e-05	-2.57e-05	0.0
447	4	1.01e-04	1.68e-04	-0.03	-1.84e-04	7.84e-05	0.0
448	1	-9.91e-05	9.58e-05	0.01	4.80e-04	-1.27e-04	0.0
448	2	1.22e-04	3.93e-04	-0.07	-4.89e-04	1.68e-05	0.0
448	3	-1.54e-05	7.16e-05	-2.38e-03	9.84e-05	-3.62e-05	0.0
448	4	4.99e-05	1.60e-04	-0.03	-1.89e-04	6.42e-06	0.0
449	1	-8.12e-05	1.01e-04	0.01	5.24e-04	-1.07e-04	0.0
449	2	-1.05e-05	3.89e-04	-0.07	-4.95e-04	-1.71e-04	0.0
449	3	-1.96e-05	7.27e-05	-1.98e-03	1.11e-04	-4.43e-05	0.0
449	4	1.36e-06	1.58e-04	-0.03	-1.91e-04	-6.35e-05	0.0
450	1	-5.55e-05	1.15e-04	0.01	5.58e-04	-7.80e-05	0.0
450	2	-1.33e-04	4.03e-04	-0.07	-4.93e-04	-3.48e-04	0.0
450	3	-2.07e-05	7.78e-05	-1.51e-03	1.21e-04	-4.91e-05	0.0
450	4	-4.37e-05	1.63e-04	-0.03	-1.90e-04	-1.29e-04	0.0
451	1	-2.12e-05	1.36e-04	0.01	5.81e-04	-4.06e-05	0.0
451	2	-2.42e-04	4.36e-04	-0.07	-4.84e-04	-5.06e-04	0.0
451	3	-1.84e-05	8.72e-05	-1.02e-03	1.28e-04	-4.99e-05	0.0
451	4	-8.38e-05	1.76e-04	-0.02	-1.87e-04	-1.88e-04	0.0
452	1	2.25e-05	1.68e-04	0.01	5.90e-04	6.34e-06	0.0
452	2	-3.33e-04	4.87e-04	-0.06	-4.70e-04	-6.40e-04	0.0
452	3	-1.20e-05	1.02e-04	-5.44e-04	1.32e-04	-4.60e-05	0.0
452	4	-1.17e-04	1.96e-04	-0.02	-1.82e-04	-2.38e-04	0.0
453	1	7.62e-05	2.12e-04	0.01	5.81e-04	6.34e-05	0.0
453	2	-4.03e-04	5.60e-04	-0.05	-4.50e-04	-7.43e-04	0.0
453	3	-1.20e-06	1.22e-04	-1.31e-04	1.31e-04	-3.68e-05	0.0
453	4	-1.43e-04	2.25e-04	-0.02	-1.75e-04	-2.76e-04	0.0
454	1	1.41e-04	2.71e-04	0.01	5.50e-04	1.31e-04	0.0
454	2	-4.47e-04	6.57e-04	-0.05	-4.26e-04	-8.09e-04	0.0
454	3	1.46e-05	1.48e-04	1.63e-04	1.24e-04	-2.17e-05	0.0
454	4	-1.60e-04	2.63e-04	-0.02	-1.66e-04	-3.00e-04	0.0
455	1	2.16e-04	3.48e-04	0.01	4.91e-04	2.10e-04	0.0
455	2	-4.60e-04	7.84e-04	-0.04	-3.99e-04	-8.30e-04	0.0
455	3	3.57e-05	1.83e-04	2.76e-04	1.08e-04	0.0	0.0
455	4	-1.65e-04	3.13e-04	-0.01	-1.56e-04	-3.08e-04	0.0
456	1	3.03e-04	4.46e-04	8.61e-03	4.00e-04	2.99e-04	0.0
456	2	-4.39e-04	9.46e-04	-0.03	-3.71e-04	-8.03e-04	0.0
456	3	6.26e-05	2.28e-04	1.40e-04	8.36e-05	2.85e-05	0.0
456	4	-1.57e-04	3.76e-04	-0.01	-1.45e-04	-2.98e-04	0.0
457	1	4.01e-04	5.70e-04	5.16e-03	2.71e-04	4.00e-04	0.0
457	2	-3.76e-04	1.15e-03	-0.02	-3.43e-04	-7.21e-04	0.0
457	3	9.56e-05	2.84e-04	-3.13e-04	4.72e-05	6.43e-05	0.0



457	4	-1.35e-04	4.56e-04	-8.24e-03	-1.35e-04	-2.68e-04	0.0
458	1	5.09e-04	7.22e-04	6.84e-04	9.51e-05	5.10e-04	0.0
458	2	-2.70e-04	1.41e-03	-0.02	-3.22e-04	-5.85e-04	0.0
458	3	1.35e-04	3.53e-04	-1.15e-03	-3.22e-06	1.07e-04	0.0
458	4	-9.64e-05	5.56e-04	-5.83e-03	-1.27e-04	-2.17e-04	0.0
459	1	-7.03e-05	2.88e-04	3.94e-04	1.09e-05	-1.72e-04	-2.21e-06
459	2	1.26e-03	1.42e-03	-0.02	-1.96e-04	1.20e-03	-1.81e-05
459	3	8.26e-05	2.36e-04	-1.55e-03	-1.72e-05	4.08e-05	-2.45e-06
459	4	4.76e-04	5.72e-04	-7.35e-03	-7.86e-05	4.48e-04	-7.15e-06
460	1	-8.83e-05	2.48e-04	2.17e-03	6.15e-05	-1.83e-04	-2.48e-06
460	2	1.18e-03	1.19e-03	-0.03	-2.28e-04	1.16e-03	-1.72e-05
460	3	7.05e-05	2.00e-04	-1.93e-03	-4.95e-06	3.42e-05	-2.48e-06
460	4	4.48e-04	4.77e-04	-0.01	-9.07e-05	4.33e-04	-6.84e-06
461	1	-1.05e-04	2.13e-04	4.03e-03	1.13e-04	-1.93e-04	-2.40e-06
461	2	1.08e-03	9.95e-04	-0.04	-2.57e-04	1.07e-03	-1.50e-05
461	3	5.65e-05	1.70e-04	-2.22e-03	7.73e-06	2.44e-05	-2.26e-06
461	4	4.07e-04	4.01e-04	-0.02	-1.02e-04	3.99e-04	-5.99e-06
462	1	-1.21e-04	1.82e-04	5.98e-03	1.64e-04	-2.01e-04	-2.12e-06
462	2	9.49e-04	8.44e-04	-0.05	-2.83e-04	9.45e-04	-1.24e-05
462	3	4.16e-05	1.45e-04	-2.41e-03	2.08e-05	1.23e-05	-1.94e-06
462	4	3.59e-04	3.41e-04	-0.02	-1.12e-04	3.52e-04	-5.00e-06
463	1	-1.34e-04	1.57e-04	7.99e-03	2.17e-04	-2.06e-04	-1.72e-06
463	2	8.04e-04	7.26e-04	-0.06	-3.08e-04	7.90e-04	-9.97e-06
463	3	2.64e-05	1.25e-04	-2.46e-03	3.41e-05	0.0	-1.58e-06
463	4	3.04e-04	2.93e-04	-0.02	-1.21e-04	2.94e-04	-4.02e-06
464	1	-1.43e-04	1.36e-04	0.01	2.69e-04	-2.07e-04	-1.26e-06
464	2	6.47e-04	6.36e-04	-0.07	-3.29e-04	6.14e-04	-7.66e-06
464	3	1.17e-05	1.09e-04	-2.39e-03	4.76e-05	-1.47e-05	-1.20e-06
464	4	2.46e-04	2.57e-04	-0.03	-1.30e-04	2.28e-04	-3.10e-06
465	1	-1.48e-04	1.21e-04	0.01	3.20e-04	-2.03e-04	0.0
465	2	4.83e-04	5.70e-04	-0.07	-3.48e-04	4.23e-04	-5.53e-06
465	3	-2.09e-06	9.71e-05	-2.18e-03	6.12e-05	-2.78e-05	0.0
465	4	1.85e-04	2.30e-04	-0.03	-1.37e-04	1.58e-04	-2.24e-06
466	1	-1.48e-04	1.11e-04	0.01	3.69e-04	-1.92e-04	0.0
466	2	3.17e-04	5.26e-04	-0.08	-3.63e-04	2.25e-04	-3.54e-06
466	3	-1.44e-05	8.93e-05	-1.84e-03	7.45e-05	-3.97e-05	0.0
466	4	1.24e-04	2.12e-04	-0.03	-1.42e-04	8.41e-05	-1.45e-06
467	1	-1.42e-04	1.08e-04	0.02	4.16e-04	-1.74e-04	0.0
467	2	1.52e-04	5.01e-04	-0.08	-3.74e-04	2.64e-05	-1.65e-06
467	3	-2.47e-05	8.55e-05	-1.40e-03	8.72e-05	-4.93e-05	0.0
467	4	6.27e-05	2.02e-04	-0.03	-1.47e-04	1.01e-05	0.0
468	1	-1.29e-04	1.11e-04	0.02	4.57e-04	-1.47e-04	1.09e-06
468	2	-6.00e-06	4.94e-04	-0.08	-3.82e-04	-1.67e-04	0.0
468	3	-3.23e-05	8.57e-05	-8.77e-04	9.89e-05	-5.58e-05	0.0
468	4	4.13e-06	1.99e-04	-0.03	-1.50e-04	-6.18e-05	0.0
469	1	-1.07e-04	1.23e-04	0.02	4.93e-04	-1.09e-04	1.85e-06
469	2	-1.54e-04	5.07e-04	-0.07	-3.87e-04	-3.49e-04	2.06e-06
469	3	-3.66e-05	9.02e-05	-3.10e-04	1.09e-04	-5.83e-05	0.0
469	4	-5.05e-05	2.04e-04	-0.03	-1.52e-04	-1.29e-04	0.0
470	1	-7.56e-05	1.44e-04	0.02	5.19e-04	-5.99e-05	2.70e-06
470	2	-2.87e-04	5.38e-04	-0.07	-3.88e-04	-5.12e-04	3.98e-06
470	3	-3.70e-05	9.95e-05	2.58e-04	1.17e-04	-5.59e-05	1.20e-06
470	4	-9.96e-05	2.16e-04	-0.03	-1.52e-04	-1.90e-04	1.58e-06
471	1	-3.30e-05	1.76e-04	0.02	5.33e-04	2.51e-06	3.66e-06
471	2	-4.00e-04	5.90e-04	-0.06	-3.86e-04	-6.50e-04	5.99e-06
471	3	-3.27e-05	1.14e-04	7.76e-04	1.21e-04	-4.78e-05	1.68e-06
471	4	-1.41e-04	2.37e-04	-0.02	-1.52e-04	-2.41e-04	2.37e-06
472	1	2.23e-05	2.21e-04	0.02	5.31e-04	7.93e-05	4.73e-06
472	2	-4.89e-04	6.65e-04	-0.06	-3.81e-04	-7.56e-04	8.10e-06
472	3	-2.29e-05	1.35e-04	1.18e-03	1.21e-04	-3.31e-05	2.21e-06
472	4	-1.74e-04	2.67e-04	-0.02	-1.50e-04	-2.81e-04	3.21e-06
473	1	9.17e-05	2.81e-04	0.02	5.09e-04	1.72e-04	5.86e-06
473	2	-5.48e-04	7.66e-04	-0.05	-3.73e-04	-8.25e-04	1.03e-05
473	3	-6.97e-06	1.63e-04	1.41e-03	1.15e-04	-1.09e-05	2.75e-06
473	4	-1.97e-04	3.06e-04	-0.02	-1.47e-04	-3.06e-04	4.06e-06
474	1	1.77e-04	3.60e-04	0.02	4.60e-04	2.81e-04	6.96e-06
474	2	-5.73e-04	8.97e-04	-0.04	-3.63e-04	-8.49e-04	1.23e-05
474	3	1.62e-05	1.99e-04	1.37e-03	1.01e-04	1.95e-05	3.27e-06
474	4	-2.06e-04	3.58e-04	-0.02	-1.43e-04	-3.15e-04	4.85e-06
475	1	2.81e-04	4.62e-04	0.01	3.77e-04	4.07e-04	7.75e-06
475	2	-5.59e-04	1.06e-03	-0.03	-3.52e-04	-8.21e-04	1.38e-05
475	3	4.74e-05	2.46e-04	9.88e-04	7.71e-05	5.91e-05	3.64e-06
475	4	-2.01e-04	4.24e-04	-0.01	-1.39e-04	-3.05e-04	5.43e-06
476	1	4.06e-04	5.90e-04	7.87e-03	2.51e-04	5.51e-04	7.60e-06
476	2	-4.97e-04	1.27e-03	-0.02	-3.38e-04	-7.33e-04	1.37e-05
476	3	8.81e-05	3.04e-04	1.66e-04	4.10e-05	1.08e-04	3.58e-06
476	4	-1.79e-04	5.06e-04	-9.52e-03	-1.34e-04	-2.72e-04	5.40e-06



477	1	5.55e-04	7.45e-04	1.58e-03	7.53e-05	7.12e-04	5.21e-06
477	2	-3.78e-04	1.53e-03	-0.02	-3.19e-04	-5.77e-04	9.87e-06
477	3	1.40e-04	3.74e-04	-1.20e-03	-9.58e-06	1.68e-04	2.49e-06
477	4	-1.36e-04	6.07e-04	-7.07e-03	-1.26e-04	-2.14e-04	3.87e-06
478	1	-7.51e-05	3.31e-04	3.96e-04	-9.33e-06	-2.13e-04	0.0
478	2	1.31e-03	1.56e-03	-0.02	-2.06e-04	1.26e-03	0.0
478	3	8.69e-05	2.64e-04	-1.77e-03	-2.48e-05	3.29e-05	0.0
478	4	4.99e-04	6.28e-04	-8.19e-03	-8.29e-05	4.69e-04	0.0
479	1	-9.22e-05	2.86e-04	2.57e-03	2.12e-05	-2.26e-04	0.0
479	2	1.24e-03	1.33e-03	-0.03	-2.18e-04	1.19e-03	0.0
479	3	7.51e-05	2.26e-04	-2.05e-03	-1.68e-05	2.42e-05	0.0
479	4	4.70e-04	5.34e-04	-0.01	-8.78e-05	4.45e-04	0.0
480	1	-1.09e-04	2.46e-04	4.86e-03	5.33e-05	-2.36e-04	0.0
480	2	1.14e-03	1.13e-03	-0.04	-2.34e-04	1.10e-03	0.0
480	3	6.14e-05	1.94e-04	-2.24e-03	-8.76e-06	1.36e-05	0.0
480	4	4.31e-04	4.57e-04	-0.02	-9.38e-05	4.09e-04	0.0
481	1	-1.25e-04	2.11e-04	7.24e-03	8.65e-05	-2.45e-04	0.0
481	2	1.01e-03	9.80e-04	-0.05	-2.50e-04	9.67e-04	0.0
481	3	4.66e-05	1.67e-04	-2.31e-03	0.0	1.13e-06	0.0
481	4	3.83e-04	3.95e-04	-0.02	-1.00e-04	3.60e-04	0.0
482	1	-1.39e-04	1.82e-04	9.69e-03	1.20e-04	-2.50e-04	0.0
482	2	8.65e-04	8.57e-04	-0.06	-2.65e-04	8.09e-04	0.0
482	3	3.12e-05	1.45e-04	-2.26e-03	8.20e-06	-1.25e-05	0.0
482	4	3.29e-04	3.45e-04	-0.02	-1.06e-04	3.01e-04	0.0
483	1	-1.49e-04	1.57e-04	0.01	1.55e-04	-2.51e-04	0.0
483	2	7.07e-04	7.62e-04	-0.07	-2.80e-04	6.31e-04	0.0
483	3	1.60e-05	1.27e-04	-2.07e-03	1.71e-05	-2.63e-05	0.0
483	4	2.69e-04	3.06e-04	-0.03	-1.12e-04	2.35e-04	0.0
484	1	-1.56e-04	1.38e-04	0.01	1.90e-04	-2.47e-04	0.0
484	2	5.39e-04	6.91e-04	-0.08	-2.93e-04	4.38e-04	0.0
484	3	1.48e-06	1.14e-04	-1.74e-03	2.60e-05	-3.95e-05	0.0
484	4	2.07e-04	2.77e-04	-0.03	-1.17e-04	1.63e-04	0.0
485	1	-1.57e-04	1.26e-04	0.02	2.24e-04	-2.35e-04	0.0
485	2	3.69e-04	6.42e-04	-0.08	-3.06e-04	2.38e-04	0.0
485	3	-1.17e-05	1.04e-04	-1.29e-03	3.50e-05	-5.11e-05	0.0
485	4	1.44e-04	2.57e-04	-0.03	-1.22e-04	8.89e-05	0.0
486	1	-1.53e-04	1.19e-04	0.02	2.57e-04	-2.14e-04	0.0
486	2	2.00e-04	6.13e-04	-0.08	-3.16e-04	3.64e-05	0.0
486	3	-2.29e-05	9.93e-05	-7.38e-04	4.38e-05	-6.02e-05	0.0
486	4	8.14e-05	2.46e-04	-0.03	-1.26e-04	1.40e-05	0.0
487	1	-1.41e-04	1.21e-04	0.02	2.88e-04	-1.83e-04	0.0
487	2	3.67e-05	6.03e-04	-0.08	-3.26e-04	-1.60e-04	0.0
487	3	-3.14e-05	9.85e-05	-1.13e-04	5.22e-05	-6.57e-05	0.0
487	4	2.12e-05	2.41e-04	-0.03	-1.30e-04	-5.89e-05	0.0
488	1	-1.20e-04	1.30e-04	0.02	3.15e-04	-1.39e-04	0.0
488	2	-1.15e-04	6.12e-04	-0.08	-3.33e-04	-3.44e-04	0.0
488	3	-3.65e-05	1.02e-04	5.44e-04	5.96e-05	-6.66e-05	0.0
488	4	-3.49e-05	2.45e-04	-0.03	-1.32e-04	-1.27e-04	0.0
489	1	-8.97e-05	1.49e-04	0.02	3.38e-04	-8.11e-05	0.0
489	2	-2.50e-04	6.42e-04	-0.07	-3.39e-04	5.09e-04	0.0
489	3	-3.74e-05	1.11e-04	1.18e-03	6.57e-05	-6.20e-05	0.0
489	4	-8.50e-05	2.57e-04	-0.03	-1.35e-04	-1.89e-04	0.0
490	1	-4.70e-05	1.78e-04	0.02	3.52e-04	-7.04e-06	0.0
490	2	-3.65e-04	6.92e-04	-0.07	-3.43e-04	-6.50e-04	0.0
490	3	-3.33e-05	1.25e-04	1.75e-03	6.97e-05	-5.06e-05	0.0
490	4	-1.27e-04	2.77e-04	-0.03	-1.36e-04	-2.41e-04	0.0
491	1	9.97e-06	2.21e-04	0.02	3.57e-04	8.54e-05	0.0
491	2	-4.52e-04	7.66e-04	-0.06	-3.46e-04	-7.58e-04	0.0
491	3	-2.31e-05	1.45e-04	2.16e-03	7.07e-05	-3.14e-05	0.0
491	4	-1.60e-04	3.07e-04	-0.02	-1.37e-04	-2.81e-04	0.0
492	1	8.36e-05	2.80e-04	0.02	3.46e-04	1.98e-04	0.0
492	2	-5.09e-04	8.67e-04	-0.05	-3.47e-04	-8.29e-04	0.0
492	3	-5.70e-06	1.73e-04	2.34e-03	6.75e-05	-3.26e-06	0.0
492	4	-1.81e-04	3.47e-04	-0.02	-1.38e-04	-3.08e-04	0.0
493	1	1.77e-04	3.57e-04	0.02	3.17e-04	3.35e-04	0.0
493	2	-5.28e-04	9.99e-04	-0.04	-3.47e-04	-8.54e-04	0.0
493	3	2.01e-05	2.09e-04	2.19e-03	5.87e-05	3.51e-05	0.0
493	4	-1.89e-04	3.99e-04	-0.02	-1.38e-04	-3.17e-04	0.0
494	1	2.94e-04	4.56e-04	0.02	2.61e-04	4.97e-04	0.0
494	2	-5.04e-04	1.17e-03	-0.04	-3.47e-04	-8.29e-04	0.0
494	3	5.60e-05	2.55e-04	1.60e-03	4.24e-05	8.50e-05	0.0
494	4	-1.80e-04	4.66e-04	-0.01	-1.38e-04	-3.08e-04	0.0
495	1	4.39e-04	5.81e-04	0.01	1.72e-04	6.86e-04	0.0
495	2	-4.31e-04	1.38e-03	-0.03	-3.46e-04	-7.48e-04	0.0
495	3	1.04e-04	3.13e-04	4.65e-04	1.59e-05	1.47e-04	0.0
495	4	-1.54e-04	5.48e-04	-0.01	-1.38e-04	-2.78e-04	0.0
496	1	6.17e-04	7.34e-04	2.24e-03	3.85e-05	9.01e-04	0.0



496	2	-3.07e-04	1.63e-03	-0.02	-3.51e-04	-6.12e-04	0.0
496	3	1.65e-04	3.83e-04	-1.35e-03	-2.41e-05	2.21e-04	0.0
496	4	-1.09e-04	6.50e-04	-8.43e-03	-1.39e-04	-2.27e-04	0.0
497	1	-6.82e-05	3.73e-04	1.75e-04	-3.90e-05	-2.30e-04	-3.40e-06
497	2	1.45e-03	1.68e-03	-0.02	-2.03e-04	1.23e-03	-1.61e-05
497	3	1.01e-04	2.90e-04	-2.05e-03	-3.38e-05	2.68e-05	-2.73e-06
497	4	5.52e-04	6.77e-04	-8.98e-03	-8.25e-05	4.61e-04	-6.51e-06
498	1	-8.88e-05	3.24e-04	2.54e-03	-3.43e-05	-2.44e-04	-3.77e-06
498	2	1.38e-03	1.45e-03	-0.04	-2.14e-04	1.20e-03	-1.64e-05
498	3	8.86e-05	2.51e-04	-2.28e-03	-3.36e-05	1.94e-05	-2.90e-06
498	4	5.25e-04	5.85e-04	-0.01	-8.68e-05	4.46e-04	-6.64e-06
499	1	-1.09e-04	2.79e-04	5.02e-03	-2.88e-05	-2.56e-04	-3.69e-06
499	2	1.27e-03	1.26e-03	-0.05	-2.24e-04	1.11e-03	-1.49e-05
499	3	7.35e-05	2.17e-04	-2.42e-03	-3.30e-05	8.83e-06	-2.74e-06
499	4	4.83e-04	5.09e-04	-0.02	-9.07e-05	4.12e-04	-6.07e-06
500	1	-1.28e-04	2.40e-04	7.61e-03	-2.27e-05	-2.66e-04	-3.38e-06
500	2	1.13e-03	1.11e-03	-0.06	-2.34e-04	9.79e-04	-1.28e-05
500	3	5.68e-05	1.88e-04	-2.45e-03	-3.23e-05	-3.83e-06	-2.44e-06
500	4	4.31e-04	4.46e-04	-0.02	-9.48e-05	3.65e-04	-5.24e-06
501	1	-1.45e-04	2.06e-04	0.01	-1.61e-05	-2.72e-04	-2.93e-06
501	2	9.73e-04	9.83e-04	-0.07	-2.44e-04	8.22e-04	-1.06e-05
501	3	3.92e-05	1.65e-04	-2.34e-03	-3.14e-05	-1.76e-05	-2.06e-06
501	4	3.71e-04	3.95e-04	-0.02	-9.90e-05	3.06e-04	-4.34e-06
502	1	-1.60e-04	1.78e-04	0.01	-9.18e-06	-2.73e-04	-2.41e-06
502	2	7.98e-04	8.85e-04	-0.07	-2.55e-04	6.43e-04	-8.40e-06
502	3	2.14e-05	1.45e-04	-2.10e-03	-3.04e-05	-3.17e-05	-1.67e-06
502	4	3.05e-04	3.55e-04	-0.03	-1.03e-04	2.40e-04	-3.44e-06
503	1	-1.71e-04	1.56e-04	0.02	-1.89e-06	-2.69e-04	-1.82e-06
503	2	6.13e-04	8.11e-04	-0.08	-2.65e-04	4.50e-04	-6.30e-06
503	3	4.05e-06	1.30e-04	-1.72e-03	-2.93e-05	-4.50e-05	-1.26e-06
503	4	2.36e-04	3.24e-04	-0.03	-1.07e-04	1.68e-04	-2.58e-06
504	1	-1.78e-04	1.40e-04	0.02	5.58e-06	-2.57e-04	-1.19e-06
504	2	4.23e-04	7.58e-04	-0.08	-2.76e-04	2.49e-04	-4.31e-06
504	3	-1.22e-05	1.19e-04	-1.22e-03	-2.82e-05	-5.66e-05	0.0
504	4	1.66e-04	3.03e-04	-0.03	-1.11e-04	9.32e-05	-1.77e-06
505	1	-1.79e-04	1.31e-04	0.02	1.30e-05	-2.35e-04	0.0
505	2	2.35e-04	7.26e-04	-0.08	-2.86e-04	4.65e-05	-2.40e-06
505	3	-2.66e-05	1.13e-04	-6.12e-04	-2.69e-05	-6.55e-05	0.0
505	4	9.60e-05	2.89e-04	-0.03	-1.15e-04	1.79e-05	0.0
506	1	-1.73e-04	1.29e-04	0.02	2.01e-05	-2.02e-04	0.0
506	2	5.30e-05	7.12e-04	-0.08	-2.95e-04	-1.51e-04	0.0
506	3	-3.85e-05	1.11e-04	6.36e-05	-2.57e-05	-7.06e-05	0.0
506	4	2.85e-05	2.84e-04	-0.03	-1.19e-04	-5.54e-05	0.0
507	1	-1.59e-04	1.36e-04	0.02	2.63e-05	-1.56e-04	1.10e-06
507	2	-1.17e-04	7.18e-04	-0.08	-3.04e-04	-3.36e-04	1.40e-06
507	3	-4.70e-05	1.14e-04	7.67e-04	-2.47e-05	-7.09e-05	0.0
507	4	-3.47e-05	2.86e-04	-0.03	-1.23e-04	-1.24e-04	0.0
508	1	-1.34e-04	1.51e-04	0.03	3.11e-05	-9.39e-05	2.04e-06
508	2	-2.71e-04	7.44e-04	-0.08	-3.13e-04	-5.03e-04	3.38e-06
508	3	-5.12e-05	1.21e-04	1.44e-03	-2.40e-05	-6.51e-05	0.0
508	4	-9.17e-05	2.97e-04	-0.03	-1.26e-04	-1.86e-04	1.38e-06
509	1	-9.71e-05	1.78e-04	0.03	3.36e-05	-1.39e-05	3.08e-06
509	2	-4.02e-04	7.91e-04	-0.07	-3.20e-04	-6.44e-04	5.46e-06
509	3	-5.02e-05	1.34e-04	2.03e-03	-2.40e-05	-5.21e-05	1.52e-06
509	4	-1.41e-04	3.16e-04	-0.03	-1.29e-04	-2.39e-04	2.22e-06
510	1	-4.52e-05	2.17e-04	0.03	3.26e-05	8.70e-05	4.23e-06
510	2	-5.05e-04	8.62e-04	-0.06	-3.27e-04	-7.54e-04	7.64e-06
510	3	-4.27e-05	1.54e-04	2.45e-03	-2.49e-05	-3.06e-05	2.09e-06
510	4	-1.79e-04	3.45e-04	-0.02	-1.32e-04	-2.80e-04	3.10e-06
511	1	2.49e-05	2.71e-04	0.02	2.68e-05	2.12e-04	5.43e-06
511	2	-5.75e-04	9.60e-04	-0.06	-3.34e-04	-8.25e-04	9.86e-06
511	3	-2.75e-05	1.80e-04	2.60e-03	-2.71e-05	0.0	2.67e-06
511	4	-2.05e-04	3.84e-04	-0.02	-1.34e-04	-3.06e-04	3.98e-06
512	1	1.17e-04	3.42e-04	0.02	1.43e-05	3.63e-04	6.59e-06
512	2	-6.06e-04	1.09e-03	-0.05	-3.40e-04	-8.51e-04	1.19e-05
512	3	-3.02e-06	2.15e-04	2.39e-03	-3.13e-05	4.39e-05	3.21e-06
512	4	-2.17e-04	4.36e-04	-0.02	-1.36e-04	-3.16e-04	4.80e-06
513	1	2.36e-04	4.34e-04	0.02	-7.23e-06	5.45e-04	7.46e-06
513	2	-5.90e-04	1.25e-03	-0.04	-3.45e-04	-8.24e-04	1.34e-05
513	3	3.28e-05	2.59e-04	1.69e-03	-3.81e-05	9.96e-05	3.60e-06
513	4	-2.12e-04	5.01e-04	-0.02	-1.38e-04	-3.06e-04	5.36e-06
514	1	3.89e-04	5.49e-04	0.01	-4.03e-05	7.59e-04	7.51e-06
514	2	-5.22e-04	1.46e-03	-0.03	-3.49e-04	-7.37e-04	1.33e-05
514	3	8.24e-05	3.13e-04	3.60e-04	-4.82e-05	1.70e-04	3.58e-06
514	4	-1.88e-04	5.82e-04	-0.01	-1.40e-04	-2.74e-04	5.29e-06
515	1	5.86e-04	6.90e-04	2.08e-03	-8.64e-05	1.01e-03	5.63e-06
515	2	-3.90e-04	1.71e-03	-0.03	-3.49e-04	-5.81e-04	9.32e-06



515	3	1.50e-04	3.80e-04	-1.75e-03	-6.17e-05	2.55e-04	2.61e-06
515	4	-1.40e-04	6.81e-04	-9.79e-03	-1.40e-04	-2.16e-04	3.70e-06
516	1	-5.60e-05	4.14e-04	-4.00e-04	-7.26e-05	-2.22e-04	0.0
516	2	1.47e-03	1.78e-03	-0.03	-2.15e-04	1.27e-03	0.0
516	3	1.08e-04	3.14e-04	-2.46e-03	-4.55e-05	3.21e-05	0.0
516	4	5.59e-04	7.19e-04	-9.87e-03	-8.76e-05	4.76e-04	0.0
517	1	-7.36e-05	3.60e-04	1.87e-03	-9.47e-05	-2.36e-04	0.0
517	2	1.40e-03	1.56e-03	-0.04	-2.14e-04	1.21e-03	0.0
517	3	9.61e-05	2.74e-04	-2.73e-03	-5.22e-05	2.32e-05	0.0
517	4	5.32e-04	6.31e-04	-0.01	-8.75e-05	4.53e-04	0.0
518	1	-9.16e-05	3.11e-04	4.26e-03	-1.18e-04	-2.47e-04	0.0
518	2	1.30e-03	1.38e-03	-0.05	-2.17e-04	1.12e-03	0.0
518	3	8.22e-05	2.39e-04	-2.91e-03	-5.97e-05	1.25e-05	0.0
518	4	4.93e-04	5.55e-04	-0.02	-8.90e-05	4.17e-04	0.0
519	1	-1.09e-04	2.67e-04	6.75e-03	-1.42e-04	-2.57e-04	0.0
519	2	1.16e-03	1.23e-03	-0.06	-2.22e-04	9.88e-04	0.0
519	3	6.66e-05	2.09e-04	-2.97e-03	-6.75e-05	0.0	0.0
519	4	4.44e-04	4.93e-04	-0.02	-9.12e-05	3.69e-04	0.0
520	1	-1.25e-04	2.30e-04	9.32e-03	-1.65e-04	-2.63e-04	0.0
520	2	1.01e-03	1.10e-03	-0.07	-2.28e-04	8.31e-04	0.0
520	3	4.98e-05	1.83e-04	-2.90e-03	-7.53e-05	-1.40e-05	0.0
520	4	3.86e-04	4.42e-04	-0.03	-9.39e-05	3.10e-04	0.0
521	1	-1.38e-04	1.98e-04	0.01	-1.89e-04	-2.65e-04	0.0
521	2	8.39e-04	1.00e-03	-0.08	-2.36e-04	6.53e-04	0.0
521	3	3.26e-05	1.62e-04	-2.69e-03	-8.32e-05	-2.81e-05	0.0
521	4	3.22e-04	4.01e-04	-0.03	-9.70e-05	2.44e-04	0.0
522	1	-1.48e-04	1.73e-04	0.01	-2.12e-04	-2.61e-04	0.0
522	2	6.57e-04	9.28e-04	-0.08	-2.44e-04	4.60e-04	0.0
522	3	1.58e-05	1.46e-04	-2.35e-03	-9.10e-05	-4.15e-05	0.0
522	4	2.54e-04	3.70e-04	-0.03	-1.00e-04	1.72e-04	0.0
523	1	-1.54e-04	1.54e-04	0.02	-2.35e-04	-2.49e-04	0.0
523	2	4.71e-04	8.73e-04	-0.09	-2.53e-04	2.59e-04	0.0
523	3	0.0	1.34e-04	-1.88e-03	-9.86e-05	-5.33e-05	0.0
523	4	1.85e-04	3.47e-04	-0.03	-1.04e-04	9.71e-05	0.0
524	1	-1.54e-04	1.41e-04	0.02	-2.56e-04	-2.28e-04	0.0
524	2	2.84e-04	8.37e-04	-0.09	-2.62e-04	5.63e-05	0.0
524	3	-1.42e-05	1.26e-04	-1.30e-03	-1.06e-04	-6.23e-05	0.0
524	4	1.16e-04	3.32e-04	-0.03	-1.08e-04	2.18e-05	0.0
525	1	-1.47e-04	1.36e-04	0.02	-2.76e-04	-1.95e-04	0.0
525	2	1.04e-04	8.20e-04	-0.09	-2.72e-04	-1.41e-04	0.0
525	3	-2.57e-05	1.23e-04	-6.58e-04	-1.13e-04	-6.77e-05	0.0
525	4	4.88e-05	3.26e-04	-0.03	-1.11e-04	-5.16e-05	0.0
526	1	-1.31e-04	1.39e-04	0.02	-2.94e-04	-1.49e-04	0.0
526	2	-6.41e-05	8.22e-04	-0.08	-2.82e-04	-3.26e-04	0.0
526	3	-3.37e-05	1.24e-04	1.79e-05	-1.19e-04	-6.81e-05	0.0
526	4	-1.38e-05	3.27e-04	-0.03	-1.15e-04	-1.21e-04	0.0
527	1	-1.05e-04	1.52e-04	0.02	-3.10e-04	-8.80e-05	0.0
527	2	-2.15e-04	8.43e-04	-0.08	-2.92e-04	-4.93e-04	0.0
527	3	-3.74e-05	1.31e-04	6.69e-04	-1.25e-04	-6.26e-05	0.0
527	4	-7.01e-05	3.36e-04	-0.03	-1.19e-04	-1.83e-04	0.0
528	1	-6.54e-05	1.74e-04	0.02	-3.22e-04	-8.57e-06	0.0
528	2	-3.44e-04	8.86e-04	-0.07	-3.02e-04	-6.35e-04	0.0
528	3	-3.55e-05	1.42e-04	1.23e-03	-1.29e-04	-4.98e-05	0.0
528	4	-1.18e-04	3.53e-04	-0.03	-1.23e-04	-2.35e-04	0.0
529	1	-1.04e-05	2.08e-04	0.02	-3.29e-04	9.17e-05	0.0
529	2	-4.44e-04	9.52e-04	-0.07	-3.13e-04	-7.45e-04	0.0
529	3	-2.70e-05	1.60e-04	1.63e-03	-1.32e-04	-2.85e-05	0.0
529	4	-1.55e-04	3.80e-04	-0.03	-1.27e-04	-2.76e-04	0.0
530	1	6.34e-05	2.55e-04	0.02	-3.31e-04	2.16e-04	0.0
530	2	-5.09e-04	1.04e-03	-0.06	-3.23e-04	-8.17e-04	0.0
530	3	-1.04e-05	1.84e-04	1.76e-03	-1.33e-04	2.83e-06	0.0
530	4	-1.80e-04	4.18e-04	-0.02	-1.31e-04	-3.03e-04	0.0
531	1	1.60e-04	3.19e-04	0.02	-3.24e-04	3.67e-04	0.0
531	2	-5.33e-04	1.17e-03	-0.05	-3.34e-04	-8.43e-04	0.0
531	3	1.59e-05	2.17e-04	1.53e-03	-1.32e-04	4.55e-05	0.0
531	4	-1.90e-04	4.68e-04	-0.02	-1.35e-04	-3.13e-04	0.0
532	1	2.85e-04	4.00e-04	0.02	-3.06e-04	5.48e-04	0.0
532	2	-5.10e-04	1.32e-03	-0.04	-3.45e-04	-8.18e-04	0.0
532	3	5.38e-05	2.57e-04	8.17e-04	-1.28e-04	1.01e-04	0.0
532	4	-1.82e-04	5.31e-04	-0.02	-1.39e-04	-3.04e-04	0.0
533	1	4.44e-04	5.02e-04	9.20e-03	-2.75e-04	7.63e-04	0.0
533	2	-4.33e-04	1.52e-03	-0.04	-3.58e-04	-7.37e-04	0.0
533	3	1.06e-04	3.08e-04	-5.19e-04	-1.19e-04	1.71e-04	0.0
533	4	-1.54e-04	6.09e-04	-0.01	-1.44e-04	-2.74e-04	0.0
534	1	6.42e-04	6.29e-04	4.64e-04	-2.28e-04	1.01e-03	0.0
534	2	-3.01e-04	1.76e-03	-0.03	-3.75e-04	-6.01e-04	0.0
534	3	1.74e-04	3.70e-04	-2.61e-03	-1.07e-04	2.54e-04	0.0



534	4	-1.06e-04	7.06e-04	-0.01	-1.50e-04	-2.23e-04	0.0
535	1	-3.04e-05	4.52e-04	-1.24e-03	-9.68e-05	-1.84e-04	-4.71e-06
535	2	1.57e-03	1.87e-03	-0.03	-2.10e-04	1.23e-03	-1.37e-05
535	3	1.25e-04	3.36e-04	-2.94e-03	-5.28e-05	4.09e-05	-3.01e-06
535	4	5.98e-04	7.55e-04	-0.01	-8.62e-05	4.61e-04	-5.67e-06
536	1	-4.96e-05	3.93e-04	6.75e-04	-1.48e-04	-1.97e-04	-5.15e-06
536	2	1.50e-03	1.66e-03	-0.04	-2.05e-04	1.20e-03	-1.47e-05
536	3	1.13e-04	2.95e-04	-3.32e-03	-6.80e-05	3.42e-05	-3.27e-06
536	4	5.73e-04	6.70e-04	-0.02	-8.51e-05	4.48e-04	-6.09e-06
537	1	-6.87e-05	3.40e-04	2.69e-03	-1.98e-04	-2.09e-04	-5.04e-06
537	2	1.40e-03	1.48e-03	-0.05	-2.02e-04	1.11e-03	-1.39e-05
537	3	9.88e-05	2.58e-04	-3.61e-03	-8.31e-05	2.41e-05	-3.15e-06
537	4	5.33e-04	5.97e-04	-0.02	-8.44e-05	4.16e-04	-5.76e-06
538	1	-8.73e-05	2.92e-04	4.81e-03	-2.48e-04	-2.19e-04	-4.68e-06
538	2	1.26e-03	1.34e-03	-0.06	-2.01e-04	9.90e-04	-1.23e-05
538	3	8.22e-05	2.27e-04	-3.79e-03	-9.84e-05	1.17e-05	-2.86e-06
538	4	4.80e-04	5.36e-04	-0.02	-8.43e-05	3.70e-04	-5.11e-06
539	1	-1.05e-04	2.51e-04	7.01e-03	-2.99e-04	-2.25e-04	-4.18e-06
539	2	1.09e-03	1.22e-03	-0.07	-2.02e-04	8.35e-04	-1.04e-05
539	3	6.42e-05	2.00e-04	-3.83e-03	-1.14e-04	-2.07e-06	-2.49e-06
539	4	4.19e-04	4.86e-04	-0.03	-8.51e-05	3.12e-04	-4.33e-06
540	1	-1.20e-04	2.16e-04	9.25e-03	-3.49e-04	-2.27e-04	-3.62e-06
540	2	9.13e-04	1.12e-03	-0.08	-2.05e-04	6.59e-04	-8.48e-06
540	3	4.55e-05	1.78e-04	-3.74e-03	-1.29e-04	-1.62e-05	-2.09e-06
540	4	3.52e-04	4.45e-04	-0.03	-8.66e-05	2.46e-04	-3.53e-06
541	1	-1.33e-04	1.87e-04	0.01	-3.98e-04	-2.24e-04	-3.00e-06
541	2	7.20e-04	1.04e-03	-0.08	-2.10e-04	4.67e-04	-6.61e-06
541	3	2.69e-05	1.60e-04	-3.52e-03	-1.45e-04	-2.98e-05	-1.67e-06
541	4	2.80e-04	4.14e-04	-0.03	-8.89e-05	1.75e-04	-2.74e-06
542	1	-1.41e-04	1.65e-04	0.01	-4.46e-04	-2.14e-04	-2.34e-06
542	2	5.21e-04	9.84e-04	-0.09	-2.16e-04	2.67e-04	-4.81e-06
542	3	9.18e-06	1.47e-04	-3.16e-03	-1.60e-04	-4.19e-05	-1.25e-06
542	4	2.05e-04	3.90e-04	-0.03	-9.17e-05	1.01e-04	-1.98e-06
543	1	-1.44e-04	1.50e-04	0.02	-4.91e-04	-1.95e-04	-1.63e-06
543	2	3.22e-04	9.46e-04	-0.09	-2.25e-04	6.58e-05	-3.06e-06
543	3	-6.92e-06	1.38e-04	-2.69e-03	-1.74e-04	-5.16e-05	0.0
543	4	1.31e-04	3.74e-04	-0.03	-9.52e-05	2.56e-05	-1.23e-06
544	1	-1.40e-04	1.41e-04	0.02	-5.32e-04	-1.65e-04	0.0
544	2	1.29e-04	9.25e-04	-0.09	-2.35e-04	-1.31e-04	-1.31e-06
544	3	-2.05e-05	1.34e-04	-2.15e-03	-1.87e-04	-5.78e-05	0.0
544	4	5.93e-05	3.66e-04	-0.03	-9.91e-05	-4.76e-05	0.0
545	1	-1.28e-04	1.41e-04	0.02	-5.69e-04	-1.24e-04	0.0
545	2	-5.28e-05	9.23e-04	-0.09	-2.47e-04	-3.15e-04	0.0
545	3	-3.08e-05	1.34e-04	-1.57e-03	-1.99e-04	-5.95e-05	0.0
545	4	-8.53e-06	3.65e-04	-0.03	-1.04e-04	-1.16e-04	0.0
546	1	-1.05e-04	1.49e-04	0.02	-5.98e-04	-6.78e-05	0.0
546	2	-2.17e-04	9.39e-04	-0.08	-2.60e-04	-4.81e-04	2.32e-06
546	3	-3.67e-05	1.39e-04	-9.93e-04	-2.09e-04	-5.56e-05	0.0
546	4	-7.00e-05	3.73e-04	-0.03	-1.08e-04	-1.78e-04	1.02e-06
547	1	-6.95e-05	1.66e-04	0.02	-6.18e-04	4.10e-06	1.97e-06
547	2	-3.59e-04	9.75e-04	-0.08	-2.74e-04	-6.23e-04	4.27e-06
547	3	-3.71e-05	1.49e-04	-4.90e-04	-2.16e-04	-4.51e-05	1.15e-06
547	4	-1.23e-04	3.88e-04	-0.03	-1.14e-04	-2.31e-04	1.83e-06
548	1	-1.89e-05	1.94e-04	0.02	-6.26e-04	9.44e-05	3.09e-06
548	2	-4.71e-04	1.03e-03	-0.07	-2.89e-04	-7.32e-04	6.34e-06
548	3	-3.10e-05	1.64e-04	-1.29e-04	-2.19e-04	-2.66e-05	1.71e-06
548	4	-1.65e-04	4.13e-04	-0.03	-1.19e-04	-2.72e-04	2.67e-06
549	1	4.99e-05	2.35e-04	0.02	-6.17e-04	2.05e-04	4.27e-06
549	2	-5.49e-04	1.12e-03	-0.06	-3.05e-04	-8.03e-04	8.44e-06
549	3	-1.69e-05	1.86e-04	6.58e-06	-2.18e-04	0.0	2.29e-06
549	4	-1.94e-04	4.48e-04	-0.02	-1.25e-04	-2.98e-04	3.52e-06
550	1	1.40e-04	2.89e-04	0.02	-5.88e-04	3.99e-04	5.41e-06
550	2	-5.84e-04	1.23e-03	-0.05	-3.21e-04	-8.28e-04	1.04e-05
550	3	6.62e-06	2.15e-04	-1.79e-04	-2.10e-04	3.84e-05	2.82e-06
550	4	-2.08e-04	4.95e-04	-0.02	-1.31e-04	-3.08e-04	4.30e-06
551	1	2.57e-04	3.59e-04	0.01	-5.32e-04	4.98e-04	6.32e-06
551	2	-5.71e-04	1.38e-03	-0.05	-3.39e-04	-8.01e-04	1.18e-05
551	3	4.14e-05	2.53e-04	-7.93e-04	-1.95e-04	8.74e-05	3.21e-06
551	4	-2.04e-04	5.55e-04	-0.02	-1.38e-04	-2.98e-04	4.84e-06
552	1	4.05e-04	4.48e-04	5.61e-03	-4.41e-04	6.83e-04	6.62e-06
552	2	-5.01e-04	1.56e-03	-0.04	-3.56e-04	-7.13e-04	1.17e-05
552	3	8.96e-05	2.99e-04	-1.96e-03	-1.69e-04	1.49e-04	3.26e-06
552	4	-1.79e-04	6.30e-04	-0.02	-1.44e-04	-2.65e-04	4.77e-06
553	1	5.93e-04	5.59e-04	-2.25e-03	-3.05e-04	8.94e-04	5.35e-06
553	2	-3.64e-04	1.79e-03	-0.03	-3.70e-04	-5.55e-04	8.06e-06
553	3	1.55e-04	3.55e-04	-3.81e-03	-1.30e-04	2.23e-04	2.47e-06
553	4	-1.29e-04	7.21e-04	-0.01	-1.49e-04	-2.06e-04	3.27e-06



554	1	1.29e-06	4.88e-04	-2.37e-03	-1.24e-04	-1.27e-04	0.0
554	2	1.55e-03	1.94e-03	-0.03	-2.08e-04	1.26e-03	0.0
554	3	1.35e-04	3.55e-04	-3.52e-03	-6.17e-05	5.98e-05	0.0
554	4	5.92e-04	7.85e-04	-0.01	-8.66e-05	4.70e-04	0.0
555	1	-1.35e-05	4.24e-04	-1.05e-03	-1.89e-04	-1.39e-04	0.0
555	2	1.48e-03	1.74e-03	-0.04	-1.87e-04	1.20e-03	0.0
555	3	1.25e-04	3.13e-04	-4.08e-03	-7.97e-05	5.21e-05	0.0
555	4	5.69e-04	7.04e-04	-0.02	-7.91e-05	4.49e-04	0.0
556	1	-2.90e-05	3.66e-04	3.72e-04	-2.56e-04	-1.49e-04	0.0
556	2	1.39e-03	1.58e-03	-0.05	-1.70e-04	1.11e-03	0.0
556	3	1.12e-04	2.76e-04	-4.55e-03	-9.91e-05	4.22e-05	0.0
556	4	5.32e-04	6.35e-04	-0.02	-7.36e-05	3.12e-04	0.0
557	1	-4.45e-05	3.15e-04	1.88e-03	-3.25e-04	-1.57e-04	0.0
557	2	1.26e-03	1.44e-03	-0.06	-1.58e-04	9.86e-04	0.0
557	3	9.75e-05	2.43e-04	-4.90e-03	-1.19e-04	3.01e-05	0.0
557	4	4.84e-04	5.76e-04	-0.02	-6.97e-05	3.69e-04	0.0
558	1	-5.91e-05	2.70e-04	3.47e-03	-3.94e-04	-1.64e-04	0.0
558	2	1.11e-03	1.32e-03	-0.07	-1.50e-04	8.34e-04	0.0
558	3	8.11e-05	2.16e-04	-5.14e-03	-1.40e-04	1.65e-05	0.0
558	4	4.27e-04	5.27e-04	-0.03	-6.71e-05	3.12e-04	0.0
559	1	-7.20e-05	2.32e-04	5.10e-03	-4.63e-04	-1.67e-04	0.0
559	2	9.38e-04	1.22e-03	-0.08	-1.45e-04	6.60e-04	0.0
559	3	6.39e-05	1.92e-04	-5.23e-03	-1.60e-04	2.34e-06	0.0
559	4	3.63e-04	4.86e-04	-0.03	-6.60e-05	2.47e-04	0.0
560	1	-8.20e-05	2.00e-04	6.75e-03	-5.30e-04	-1.65e-04	0.0
560	2	7.55e-04	1.15e-03	-0.09	-1.45e-04	4.71e-04	0.0
560	3	4.66e-05	1.74e-04	-5.18e-03	-1.80e-04	-1.16e-05	0.0
560	4	2.94e-04	4.55e-04	-0.03	-6.64e-05	1.77e-04	0.0
561	1	-8.80e-05	1.75e-04	8.34e-03	-5.94e-04	-1.57e-04	0.0
561	2	5.65e-04	1.09e-03	-0.09	-1.49e-04	2.74e-04	0.0
561	3	3.00e-05	1.59e-04	-5.00e-03	-2.00e-04	-2.44e-05	0.0
561	4	2.23e-04	4.31e-04	-0.03	-6.81e-05	1.03e-04	0.0
562	1	-8.87e-05	1.56e-04	9.83e-03	-6.54e-04	-1.42e-04	0.0
562	2	3.74e-04	1.05e-03	-0.09	-1.56e-04	7.53e-05	0.0
562	3	1.50e-05	1.49e-04	-4.71e-03	-2.19e-04	-3.51e-05	0.0
562	4	1.52e-04	4.14e-04	-0.03	-7.12e-05	2.93e-05	0.0
563	1	-8.27e-05	1.44e-04	0.01	-7.08e-04	-1.19e-04	0.0
563	2	1.88e-04	1.03e-03	-0.09	-1.67e-04	-1.19e-04	0.0
563	3	2.31e-06	1.43e-04	-4.32e-03	-2.36e-04	-4.29e-05	0.0
563	4	8.27e-05	4.05e-04	-0.03	-7.55e-05	-4.29e-05	0.0
564	1	-6.84e-05	1.40e-04	0.01	-7.55e-04	-8.46e-05	0.0
564	2	1.39e-05	1.02e-03	-0.09	-1.82e-04	-3.01e-04	0.0
564	3	-7.04e-06	1.42e-04	-3.87e-03	-2.51e-04	-4.68e-05	0.0
564	4	1.73e-05	4.02e-04	-0.03	-8.11e-05	-1.11e-04	0.0
565	1	-4.41e-05	1.43e-04	0.01	-7.90e-04	-3.92e-05	0.0
565	2	-1.44e-04	1.03e-03	-0.08	-2.00e-04	-4.65e-04	0.0
565	3	-1.22e-05	1.45e-04	-3.41e-03	-2.63e-04	-4.59e-05	0.0
565	4	-4.18e-05	4.08e-04	-0.03	-8.78e-05	-1.72e-04	0.0
566	1	-7.81e-06	1.56e-04	0.01	-8.12e-04	1.93e-05	0.0
566	2	-2.79e-04	1.06e-03	-0.08	-2.21e-04	-6.05e-04	0.0
566	3	-1.21e-05	1.53e-04	-2.98e-03	-2.71e-04	-3.92e-05	0.0
566	4	-9.25e-05	4.21e-04	-0.03	-9.54e-05	-2.24e-04	0.0
567	1	4.25e-05	1.78e-04	0.01	-8.17e-04	9.23e-05	0.0
567	2	-3.86e-04	1.11e-03	-0.07	-2.44e-04	-7.13e-04	0.0
567	3	-5.75e-06	1.67e-04	-2.66e-03	-2.74e-04	-2.58e-05	0.0
567	4	-1.33e-04	4.43e-04	-0.03	-1.04e-04	-2.64e-04	0.0
568	1	1.09e-04	2.12e-04	0.01	-8.00e-04	1.81e-04	0.0
568	2	-4.57e-04	1.19e-03	-0.07	-2.68e-04	-7.82e-04	0.0
568	3	8.04e-06	1.87e-04	-2.50e-03	-2.70e-04	-4.89e-06	0.0
568	4	-1.60e-04	4.75e-04	-0.03	-1.13e-04	-2.90e-04	0.0
569	1	1.95e-04	2.58e-04	8.69e-03	-7.54e-04	2.87e-04	0.0
569	2	-4.86e-04	1.29e-03	-0.06	-2.95e-04	-8.07e-04	0.0
569	3	3.05e-05	2.13e-04	-2.59e-03	-2.59e-04	2.45e-05	0.0
569	4	-1.71e-04	5.18e-04	-0.02	-1.23e-04	-3.00e-04	0.0
570	1	3.02e-04	3.19e-04	5.25e-03	-6.75e-04	4.12e-04	0.0
570	2	-4.67e-04	1.42e-03	-0.05	-3.22e-04	-7.81e-04	0.0
570	3	6.30e-05	2.47e-04	-3.02e-03	-2.37e-04	6.33e-05	0.0
570	4	-1.65e-04	5.74e-04	-0.02	-1.33e-04	-2.90e-04	0.0
571	1	4.35e-04	3.97e-04	4.87e-04	-5.55e-04	5.55e-04	0.0
571	2	-3.92e-04	1.59e-03	-0.04	-3.51e-04	-6.99e-04	0.0
571	3	1.07e-04	2.89e-04	-3.88e-03	-2.04e-04	1.12e-04	0.0
571	4	-1.38e-04	6.44e-04	-0.02	-1.44e-04	-2.60e-04	0.0
572	1	5.95e-04	4.95e-04	-5.78e-03	-3.86e-04	7.17e-04	0.0
572	2	-2.58e-04	1.81e-03	-0.04	-3.84e-04	-5.61e-04	0.0
572	3	1.63e-04	3.41e-04	-5.26e-03	-1.56e-04	1.70e-04	0.0
572	4	-8.93e-05	7.30e-04	-0.01	-1.56e-04	-2.08e-04	0.0
573	1	4.69e-05	5.19e-04	-3.63e-03	-1.28e-04	-5.80e-05	-5.95e-06



573	2	1.61e-03	1.99e-03	-0.03	-1.90e-04	1.19e-03	-1.12e-05
573	3	1.56e-04	3.72e-04	-4.14e-03	-6.19e-05	7.60e-05	-3.29e-06
573	4	6.19e-04	8.09e-04	-0.01	-8.02e-05	4.45e-04	-4.84e-06
574	1	3.28e-05	4.50e-04	-3.01e-03	-2.04e-04	-6.57e-05	-6.29e-06
574	2	1.56e-03	1.81e-03	-0.04	-1.49e-04	1.16e-03	-1.25e-05
574	3	1.47e-04	3.29e-04	-4.88e-03	-8.24e-05	7.15e-05	-3.54e-06
574	4	5.99e-04	7.33e-04	-0.02	-6.60e-05	4.35e-04	-5.37e-06
575	1	1.77e-05	3.88e-04	-2.32e-03	-2.81e-04	-7.43e-05	-6.07e-06
575	2	1.46e-03	1.66e-03	-0.05	-1.13e-04	1.08e-03	-1.21e-05
575	3	1.34e-04	2.91e-04	-5.55e-03	-1.03e-04	6.29e-05	-3.41e-06
575	4	5.62e-04	6.67e-04	-0.02	-5.35e-05	4.06e-04	-5.20e-06
576	1	2.31e-06	3.34e-04	-1.54e-03	-3.57e-04	-8.26e-05	-5.62e-06
576	2	1.33e-03	1.53e-03	-0.06	-8.30e-05	9.66e-04	-1.09e-05
576	3	1.19e-04	2.58e-04	-6.12e-03	-1.24e-04	5.14e-05	-3.11e-06
576	4	5.12e-04	6.11e-04	-0.02	-4.31e-05	3.62e-04	-4.69e-06
577	1	-1.26e-05	2.86e-04	-6.89e-04	-4.32e-04	-8.96e-05	-5.06e-06
577	2	1.17e-03	1.41e-03	-0.07	-5.93e-05	8.21e-04	-9.50e-06
577	3	1.02e-04	2.29e-04	-6.56e-03	-1.45e-04	3.81e-05	-2.75e-06
577	4	4.53e-04	5.63e-04	-0.03	-3.50e-05	3.08e-04	-4.06e-06
578	1	-2.61e-05	2.45e-04	2.21e-04	-5.06e-04	-4.42e-05	-4.46e-06
578	2	9.96e-04	1.32e-03	-0.08	-4.25e-05	6.53e-04	-7.97e-06
578	3	8.43e-05	2.05e-04	-6.87e-03	-1.67e-04	2.37e-05	-2.35e-06
578	4	3.87e-04	5.24e-04	-0.03	-2.94e-05	2.45e-04	-3.39e-06
579	1	-3.71e-05	2.10e-04	1.16e-03	-5.77e-04	-9.54e-05	-3.82e-06
579	2	8.08e-04	1.25e-03	-0.09	-3.32e-05	4.70e-04	-6.47e-06
579	3	6.61e-05	1.85e-04	-7.03e-03	-1.88e-04	9.29e-06	-1.94e-06
579	4	3.16e-04	4.93e-04	-0.03	-2.65e-05	1.77e-04	-2.72e-06
580	1	-4.44e-05	1.81e-04	2.09e-03	-6.44e-04	-9.21e-05	-3.15e-06
580	2	6.12e-04	1.19e-03	-0.09	-3.15e-05	2.78e-04	-5.00e-06
580	3	4.84e-05	1.70e-04	-7.05e-03	-2.08e-04	-4.44e-06	-1.52e-06
580	4	2.43e-04	4.69e-04	-0.03	-2.63e-05	1.05e-04	-2.07e-06
581	1	-4.66e-05	1.59e-04	2.96e-03	-7.05e-04	-8.31e-05	-2.43e-06
581	2	4.15e-04	1.15e-03	-0.09	-3.73e-05	8.49e-05	-3.57e-06
581	3	3.21e-05	1.59e-04	-6.95e-03	-2.26e-04	-1.66e-05	-1.10e-06
581	4	1.69e-04	4.51e-04	-0.04	-2.88e-05	3.31e-05	-1.43e-06
582	1	-4.26e-05	1.44e-04	3.71e-03	-7.57e-04	-6.74e-05	-1.67e-06
582	2	2.23e-04	1.12e-03	-0.09	-5.06e-05	-1.04e-04	-2.12e-06
582	3	1.81e-05	1.52e-04	-6.73e-03	-2.43e-04	-2.65e-05	0.0
582	4	9.68e-05	4.41e-04	-0.04	-3.39e-05	-3.72e-05	0.0
583	1	-3.07e-05	1.36e-04	4.27e-03	-8.00e-04	-4.40e-05	0.0
583	2	4.09e-05	1.11e-03	-0.09	-7.08e-05	-2.81e-04	0.0
583	3	7.13e-06	1.49e-04	-6.43e-03	-2.58e-04	-3.32e-05	0.0
583	4	2.84e-05	4.37e-04	-0.03	-4.15e-05	-1.03e-04	0.0
584	1	-9.59e-06	1.35e-04	4.55e-03	-8.30e-04	-1.19e-05	0.0
584	2	-1.25e-04	1.11e-03	-0.09	-9.74e-05	-4.41e-04	0.0
584	3	0.0	1.51e-04	-6.09e-03	-2.68e-04	-3.60e-05	0.0
584	4	-3.41e-05	4.40e-04	-0.03	-5.14e-05	-1.63e-04	0.0
585	1	2.24e-05	1.43e-04	4.47e-03	-8.44e-04	2.96e-05	1.10e-06
585	2	-2.69e-04	1.14e-03	-0.08	-1.30e-04	-5.76e-04	2.60e-06
585	3	-1.96e-06	1.57e-04	-5.74e-03	-2.75e-04	-3.41e-05	0.0
585	4	-8.84e-05	4.51e-04	-0.03	-6.32e-05	-2.14e-04	1.26e-06
586	1	6.68e-05	1.61e-04	3.93e-03	-8.38e-04	8.15e-05	2.21e-06
586	2	-3.86e-04	1.18e-03	-0.07	-1.66e-04	-6.81e-04	4.39e-06
586	3	1.73e-06	1.69e-04	-5.43e-03	-2.76e-04	-2.68e-05	1.36e-06
586	4	-1.32e-04	4.71e-04	-0.03	-7.67e-05	-2.53e-04	2.01e-06
587	1	1.25e-04	1.89e-04	2.82e-03	-8.09e-04	1.44e-04	3.38e-06
587	2	-4.68e-04	1.24e-03	-0.07	-2.06e-04	-7.49e-04	6.23e-06
587	3	1.22e-05	1.86e-04	-5.23e-03	-2.70e-04	-1.34e-05	1.92e-06
587	4	-1.64e-04	4.99e-04	-0.03	-9.14e-05	-2.78e-04	2.76e-06
588	1	1.99e-04	2.29e-04	1.04e-03	-7.51e-04	2.18e-04	4.57e-06
588	2	-5.09e-04	1.33e-03	-0.06	-2.49e-04	-7.72e-04	7.98e-06
588	3	3.03e-05	2.10e-04	-5.19e-03	-2.56e-04	6.70e-06	2.46e-06
588	4	-1.79e-04	5.38e-04	-0.02	-1.07e-04	-2.87e-04	3.47e-06
589	1	2.90e-04	2.84e-04	-1.54e-03	-6.60e-04	3.04e-04	5.65e-06
589	2	-5.01e-04	1.46e-03	-0.05	-2.92e-04	-7.43e-04	9.27e-06
589	3	5.70e-05	2.41e-04	-5.39e-03	-2.32e-04	3.42e-05	2.89e-06
589	4	-1.77e-04	5.89e-04	-0.02	-1.23e-04	-2.76e-04	3.96e-06
590	1	4.00e-04	3.54e-04	-5.02e-03	-5.27e-04	4.01e-04	6.36e-06
590	2	-4.37e-04	1.61e-03	-0.05	-3.34e-04	-6.55e-04	9.29e-06
590	3	9.33e-05	2.81e-04	-5.89e-03	-1.95e-04	6.94e-05	3.06e-06
590	4	-1.54e-04	6.53e-04	-0.02	-1.38e-04	-2.43e-04	3.93e-06
591	1	5.29e-04	4.45e-04	-9.54e-03	-3.45e-04	5.08e-04	6.01e-06
591	2	-3.03e-04	1.80e-03	-0.04	-3.71e-04	-4.96e-04	6.29e-06
591	3	1.41e-04	3.30e-04	-6.79e-03	-1.44e-04	1.13e-04	2.57e-06
591	4	-1.06e-04	7.32e-04	-0.02	-1.52e-04	-1.84e-04	2.65e-06
592	1	9.57e-05	5.47e-04	-4.96e-03	-1.35e-04	1.59e-05	0.0
592	2	1.56e-03	2.04e-03	-0.03	-1.62e-04	1.17e-03	0.0



592	3	1.70e-04	3.87e-04	-4.77e-03	-6.28e-05	9.70e-05	0.0
592	4	6.05e-04	8.29e-04	-0.01	-7.07e-05	4.38e-04	0.0
593	1	8.55e-05	4.73e-04	-5.08e-03	-2.02e-04	8.76e-06	0.0
593	2	1.51e-03	1.87e-03	-0.04	-8.90e-05	1.12e-03	0.0
593	3	1.63e-04	3.43e-04	-5.70e-03	-7.81e-05	9.14e-05	0.0
593	4	5.85e-04	7.57e-04	-0.02	-4.47e-05	4.20e-04	0.0
594	1	7.39e-05	4.07e-04	-5.13e-03	-2.72e-04	1.02e-06	0.0
594	2	1.43e-03	1.73e-03	-0.06	-2.31e-05	1.04e-03	0.0
594	3	1.52e-04	3.04e-04	-6.57e-03	-9.51e-05	8.28e-05	0.0
594	4	5.53e-04	6.95e-04	-0.02	-2.12e-05	3.90e-04	0.0
595	1	6.14e-05	3.49e-04	-5.10e-03	-3.44e-04	-7.28e-06	0.0
595	2	1.31e-03	1.60e-03	-0.07	3.43e-05	9.28e-04	0.0
595	3	1.39e-04	2.70e-04	-7.33e-03	-1.13e-04	7.17e-05	0.0
595	4	5.09e-04	6.41e-04	-0.03	0.0	3.49e-04	0.0
596	1	4.87e-05	2.99e-04	-4.99e-03	-4.15e-04	-1.55e-05	0.0
596	2	1.17e-03	1.50e-03	-0.07	8.15e-05	7.90e-04	0.0
596	3	1.23e-04	2.41e-04	-7.98e-03	-1.31e-04	5.85e-05	0.0
596	4	4.55e-04	5.96e-04	-0.03	1.57e-05	2.97e-04	0.0
597	1	3.69e-05	2.55e-04	-4.80e-03	-4.83e-04	-2.27e-05	0.0
597	2	1.01e-03	1.41e-03	-0.08	1.17e-04	6.32e-04	0.0
597	3	1.07e-04	2.16e-04	-8.49e-03	-1.50e-04	4.40e-05	0.0
597	4	3.94e-04	5.58e-04	-0.03	2.82e-05	2.38e-04	0.0
598	1	2.71e-05	2.17e-04	-4.55e-03	-5.48e-04	-2.79e-05	0.0
598	2	8.35e-04	1.34e-03	-0.09	1.40e-04	4.59e-04	0.0
598	3	8.95e-05	1.95e-04	-8.85e-03	-1.68e-04	2.91e-05	0.0
598	4	3.29e-04	5.27e-04	-0.03	3.61e-05	1.73e-04	0.0
599	1	2.03e-05	1.86e-04	-4.26e-03	-6.09e-04	-3.02e-05	0.0
599	2	6.54e-04	1.28e-03	-0.09	1.50e-04	2.78e-04	0.0
599	3	7.28e-05	1.79e-04	-9.06e-03	-1.86e-04	1.43e-05	0.0
599	4	2.61e-04	5.03e-04	-0.03	3.93e-05	1.06e-04	0.0
600	1	1.77e-05	1.61e-04	-3.97e-03	-6.62e-04	-2.87e-05	0.0
600	2	4.72e-04	1.24e-03	-0.09	1.46e-04	9.50e-05	0.0
600	3	5.71e-05	1.67e-04	-9.13e-03	-2.02e-04	0.0	0.0
600	4	1.92e-04	4.85e-04	-0.04	3.75e-05	3.72e-05	0.0
601	1	2.06e-05	1.43e-04	-3.71e-03	-7.07e-04	-2.27e-05	0.0
601	2	2.93e-04	1.21e-03	-0.09	1.30e-04	-8.36e-05	0.0
601	3	4.33e-05	1.59e-04	-9.08e-03	-2.17e-04	-1.16e-05	0.0
601	4	1.24e-04	4.74e-04	-0.04	3.11e-05	-2.96e-05	0.0
602	1	3.00e-05	1.31e-04	-3.54e-03	-7.41e-04	-1.14e-05	0.0
602	2	1.24e-04	1.19e-03	-0.09	1.00e-04	-2.52e-04	0.0
602	3	3.23e-05	1.55e-04	-8.91e-03	-2.29e-04	-2.13e-05	0.0
602	4	6.01e-05	4.69e-04	-0.03	2.01e-05	-9.25e-05	0.0
603	1	4.72e-05	1.27e-04	-3.51e-03	-7.62e-04	5.94e-06	0.0
603	2	-3.06e-05	1.19e-03	-0.09	5.95e-05	-4.03e-04	0.0
603	3	2.47e-05	1.55e-04	-8.67e-03	-2.38e-04	-2.80e-05	0.0
603	4	1.64e-06	4.70e-04	-0.03	5.11e-06	-1.49e-04	0.0
604	1	7.33e-05	1.32e-04	-3.68e-03	-7.67e-04	2.98e-05	0.0
604	2	-1.64e-04	1.21e-03	-0.08	9.18e-06	-5.32e-04	0.0
604	3	2.13e-05	1.60e-04	-8.37e-03	-2.43e-04	-3.09e-05	0.0
604	4	-4.91e-05	4.79e-04	-0.03	-1.34e-05	-1.97e-04	0.0
605	1	1.09e-04	1.45e-04	-4.12e-03	-7.54e-04	6.06e-05	0.0
605	2	-2.72e-04	1.24e-03	-0.08	-4.89e-05	-6.32e-04	0.0
605	3	2.30e-05	1.70e-04	-8.07e-03	-2.44e-04	-2.95e-05	0.0
605	4	-8.99e-05	4.95e-04	-0.03	-3.46e-05	-2.35e-04	0.0
606	1	1.57e-04	1.69e-04	-4.90e-03	-7.20e-04	9.88e-05	0.0
606	2	-3.47e-04	1.30e-03	-0.07	-1.12e-04	-6.95e-04	0.0
606	3	3.05e-05	1.86e-04	-7.80e-03	-2.38e-04	-2.32e-05	0.0
606	4	-1.19e-04	5.20e-04	-0.03	-5.78e-05	-2.59e-04	0.0
607	1	2.15e-04	2.06e-04	-6.09e-03	-6.62e-04	1.44e-04	0.0
607	2	-3.82e-04	1.37e-03	-0.06	-1.79e-04	-7.17e-04	0.0
607	3	4.45e-05	2.08e-04	-7.63e-03	-2.25e-04	-1.14e-05	0.0
607	4	-1.33e-04	5.54e-04	-0.02	-8.21e-05	-2.67e-04	0.0
608	1	2.86e-04	2.56e-04	-7.78e-03	-5.77e-04	1.98e-04	0.0
608	2	-3.71e-04	1.48e-03	-0.06	-2.45e-04	-6.91e-04	0.0
608	3	6.56e-05	2.38e-04	-7.60e-03	-2.05e-04	6.26e-06	0.0
608	4	-1.29e-04	6.00e-04	-0.02	-1.06e-04	-2.57e-04	0.0
609	1	3.69e-04	3.24e-04	-0.01	-4.64e-04	2.58e-04	0.0
609	2	-3.06e-04	1.62e-03	-0.05	-3.10e-04	-6.11e-04	0.0
609	3	9.42e-05	2.75e-04	-7.77e-03	-1.76e-04	3.01e-05	0.0
609	4	-1.06e-04	6.58e-04	-0.02	-1.30e-04	-2.27e-04	0.0
610	1	4.63e-04	4.11e-04	-0.01	-3.22e-04	3.25e-04	0.0
610	2	-1.83e-04	1.79e-03	-0.04	-3.72e-04	-4.79e-04	0.0
610	3	1.30e-04	3.21e-04	-8.21e-03	-1.38e-04	6.00e-05	0.0
610	4	-6.10e-05	7.30e-04	-0.02	-1.53e-04	-1.78e-04	0.0
611	1	1.58e-04	5.68e-04	-6.22e-03	-1.17e-04	7.38e-05	-6.91e-06
611	2	1.60e-03	2.07e-03	-0.03	-1.25e-04	1.03e-03	-9.10e-06
611	3	1.96e-04	3.98e-04	-5.36e-03	-5.53e-05	1.05e-04	-3.54e-06



611	4	6.22e-04	8.44e-04	-0.01	-5.76e-05	3.88e-04	-4.19e-06
612	1	1.50e-04	4.91e-04	-6.96e-03	-1.75e-04	7.21e-05	-6.95e-06
612	2	1.55e-03	1.92e-03	-0.05	-6.73e-06	1.01e-03	-1.01e-05
612	3	1.89e-04	3.54e-04	-6.41e-03	-6.46e-05	1.03e-04	-3.65e-06
612	4	6.05e-04	7.77e-04	-0.02	-1.49e-05	3.83e-04	-4.59e-06
613	1	1.39e-04	4.22e-04	-7.66e-03	-2.31e-04	6.63e-05	-6.55e-06
613	2	1.47e-03	1.79e-03	-0.05	1.02e-04	9.53e-04	-9.90e-06
613	3	1.79e-04	3.14e-04	-7.41e-03	-7.46e-05	9.68e-05	-3.46e-06
613	4	5.73e-04	7.18e-04	-0.02	2.41e-05	3.60e-04	-4.45e-06
614	1	1.26e-04	3.62e-04	-8.28e-03	-2.88e-04	5.81e-05	-5.99e-06
614	2	1.35e-03	1.67e-03	-0.06	1.98e-04	8.56e-04	-9.09e-06
614	3	1.65e-04	2.80e-04	-8.32e-03	-8.53e-05	8.67e-05	-3.14e-06
614	4	5.28e-04	6.67e-04	-0.02	5.87e-05	3.23e-04	-4.06e-06
615	1	1.12e-04	3.09e-04	-8.81e-03	-3.44e-04	4.85e-05	-5.38e-06
615	2	1.21e-03	1.57e-03	-0.07	2.79e-04	7.33e-04	-8.06e-06
615	3	1.49e-04	2.50e-04	-9.12e-03	-9.68e-05	7.41e-05	-2.78e-06
615	4	4.75e-04	6.24e-04	-0.03	8.77e-05	2.77e-04	-3.57e-06
616	1	9.89e-05	2.63e-04	-9.24e-03	-3.97e-04	3.87e-05	-4.76e-06
616	2	1.05e-03	1.49e-03	-0.08	3.42e-04	5.90e-04	-6.99e-06
616	3	1.31e-04	2.25e-04	-9.78e-03	-1.09e-04	5.99e-05	-2.40e-06
616	4	4.14e-04	5.88e-04	-0.03	1.10e-04	2.23e-04	-3.06e-06
617	1	8.70e-05	2.23e-04	-9.57e-03	-4.48e-04	2.94e-05	-4.12e-06
617	2	8.80e-04	1.42e-03	-0.08	3.85e-04	4.34e-04	-5.94e-06
617	3	1.13e-04	2.04e-04	-0.01	-1.22e-04	4.48e-05	-2.01e-06
617	4	3.48e-04	5.58e-04	-0.03	1.25e-04	1.65e-04	-2.55e-06
618	1	7.75e-05	1.90e-04	-9.82e-03	-4.95e-04	2.15e-05	-3.48e-06
618	2	7.01e-04	1.36e-03	-0.09	4.06e-04	2.71e-04	-4.92e-06
618	3	9.54e-05	1.87e-04	-0.01	-1.34e-04	2.96e-05	-1.63e-06
618	4	2.80e-04	5.34e-04	-0.03	1.32e-04	1.04e-04	-2.05e-06
619	1	7.15e-05	1.63e-04	-0.01	-5.35e-04	1.56e-05	-2.80e-06
619	2	5.20e-04	1.32e-03	-0.09	4.05e-04	1.06e-04	-3.91e-06
619	3	7.83e-05	1.74e-04	-0.01	-1.47e-04	1.48e-05	-1.23e-06
619	4	2.11e-04	5.16e-04	-0.03	1.32e-04	4.16e-05	-1.57e-06
620	1	6.99e-05	1.42e-04	-0.01	-5.69e-04	1.25e-05	-2.07e-06
620	2	3.42e-04	1.28e-03	-0.09	3.83e-04	-5.55e-05	-2.89e-06
620	3	6.27e-05	1.65e-04	-0.01	-1.59e-04	1.04e-06	0.0
620	4	1.43e-04	5.04e-04	-0.03	1.23e-04	-1.91e-05	-1.07e-06
621	1	7.37e-05	1.27e-04	-0.01	-5.93e-04	1.26e-05	-1.28e-06
621	2	1.72e-04	1.27e-03	-0.09	3.40e-04	-2.08e-04	-1.81e-06
621	3	4.94e-05	1.60e-04	-0.01	-1.69e-04	-1.10e-05	0.0
621	4	7.85e-05	4.97e-04	-0.03	1.07e-04	-7.63e-05	0.0
622	1	8.38e-05	1.21e-04	-0.01	-6.07e-04	1.66e-05	0.0
622	2	1.54e-05	1.26e-03	-0.08	2.79e-04	-3.46e-04	0.0
622	3	3.91e-05	1.59e-04	-0.01	-1.78e-04	-2.07e-05	0.0
622	4	1.89e-05	4.97e-04	-0.03	8.48e-05	-1.28e-04	0.0
623	1	1.01e-04	1.22e-04	-0.01	-6.08e-04	2.48e-05	0.0
623	2	-1.22e-04	1.27e-03	-0.08	2.02e-04	-4.63e-04	0.0
623	3	3.25e-05	1.63e-04	-0.01	-1.83e-04	-2.75e-05	0.0
623	4	-3.36e-05	5.03e-04	-0.03	5.67e-05	-1.72e-04	0.0
624	1	1.26e-04	1.33e-04	-0.01	-5.95e-04	3.78e-05	1.68e-06
624	2	-2.36e-04	1.29e-03	-0.08	1.14e-04	-5.54e-04	2.07e-06
624	3	3.01e-05	1.72e-04	-0.01	-1.86e-04	-3.09e-05	1.07e-06
624	4	-7.70e-05	5.16e-04	-0.03	2.43e-05	-2.06e-04	1.19e-06
625	1	1.59e-04	1.55e-04	-0.01	-5.66e-04	5.58e-05	2.88e-06
625	2	-3.19e-04	1.34e-03	-0.07	1.72e-05	-6.13e-04	3.58e-06
625	3	3.27e-05	1.87e-04	-9.92e-03	-1.84e-04	-3.02e-05	1.63e-06
625	4	-1.09e-04	5.37e-04	-0.03	-1.11e-05	-2.28e-04	1.83e-06
626	1	2.01e-04	1.89e-04	-0.01	-5.19e-04	7.92e-05	4.16e-06
626	2	-3.66e-04	1.40e-03	-0.06	-8.27e-05	-6.33e-04	5.05e-06
626	3	4.06e-05	2.07e-04	-9.64e-03	-1.77e-04	-2.49e-05	2.18e-06
626	4	-1.27e-04	5.67e-04	-0.02	-4.76e-05	-2.36e-04	2.44e-06
627	1	2.51e-04	2.39e-04	-0.01	-4.52e-04	1.08e-04	5.45e-06
627	2	-3.69e-04	1.49e-03	-0.06	-1.81e-04	-6.07e-04	6.20e-06
627	3	5.44e-05	2.35e-04	-9.44e-03	-1.64e-04	-1.43e-05	2.67e-06
627	4	-1.29e-04	6.08e-04	-0.02	-8.36e-05	-2.26e-04	2.89e-06
628	1	3.08e-04	3.05e-04	-0.01	-3.64e-04	1.43e-04	6.53e-06
628	2	-3.20e-04	1.61e-03	-0.05	-2.73e-04	-5.28e-04	6.38e-06
628	3	7.46e-05	2.72e-04	-9.37e-03	-1.44e-04	2.21e-06	2.96e-06
628	4	-1.12e-04	6.59e-04	-0.02	-1.17e-04	-1.97e-04	2.91e-06
629	1	3.74e-04	3.91e-04	-0.02	-2.52e-04	1.85e-04	6.90e-06
629	2	-2.07e-04	1.77e-03	-0.05	-3.51e-04	-3.84e-04	4.23e-06
629	3	1.02e-04	3.17e-04	-9.49e-03	-1.17e-04	2.56e-05	2.73e-06
629	4	-7.01e-05	7.24e-04	-0.02	-1.46e-04	-1.43e-04	1.94e-06
630	1	2.18e-04	5.85e-04	-7.34e-03	-1.04e-04	1.23e-04	0.0
630	2	1.54e-03	2.10e-03	-0.04	-6.85e-05	9.22e-04	0.0
630	3	2.15e-04	4.08e-04	-5.88e-03	-4.79e-05	1.13e-04	0.0
630	4	6.07e-04	8.56e-04	-0.01	-3.73e-05	3.50e-04	0.0



631	1	2.11e-04	5.05e-04	-8.54e-03	-1.36e-04	1.20e-04	0.0
631	2	1.50e-03	1.96e-03	-0.04	9.46e-05	8.88e-04	0.0
631	3	2.09e-04	3.62e-04	-6.98e-03	-4.63e-05	1.09e-04	0.0
631	4	5.90e-04	7.92e-04	-0.02	2.21e-05	3.37e-04	0.0
632	1	2.02e-04	4.34e-04	-9.70e-03	-1.71e-04	1.13e-04	0.0
632	2	1.43e-03	1.83e-03	-0.05	2.50e-04	8.29e-04	0.0
632	3	1.99e-04	3.23e-04	-8.03e-03	-4.61e-05	1.03e-04	0.0
632	4	5.62e-04	7.37e-04	-0.02	7.86e-05	3.15e-04	0.0
633	1	1.89e-04	3.72e-04	-0.01	-2.05e-04	1.05e-04	0.0
633	2	1.33e-03	1.72e-03	-0.06	3.90e-04	7.46e-04	0.0
633	3	1.86e-04	2.88e-04	-9.00e-03	-4.71e-05	9.34e-05	0.0
633	4	5.23e-04	6.89e-04	-0.02	1.29e-04	2.83e-04	0.0
634	1	1.76e-04	3.17e-04	-0.01	-2.40e-04	9.39e-05	0.0
634	2	1.20e-03	1.63e-03	-0.07	5.09e-04	6.42e-04	0.0
634	3	1.71e-04	2.58e-04	-9.87e-03	-4.96e-05	8.19e-05	0.0
634	4	4.75e-04	6.48e-04	-0.03	1.72e-04	2.44e-04	0.0
635	1	1.62e-04	2.70e-04	-0.01	-2.74e-04	8.21e-05	0.0
635	2	1.06e-03	1.55e-03	-0.07	6.02e-04	5.23e-04	0.0
635	3	1.54e-04	2.33e-04	-0.01	-5.37e-05	6.87e-05	0.0
635	4	4.20e-04	6.13e-04	-0.03	2.06e-04	1.99e-04	0.0
636	1	1.49e-04	2.28e-04	-0.01	-3.07e-04	7.00e-05	0.0
636	2	9.05e-04	1.48e-03	-0.08	6.67e-04	3.93e-04	0.0
636	3	1.36e-04	2.12e-04	-0.01	-5.93e-05	5.45e-05	0.0
636	4	3.60e-04	5.84e-04	-0.03	2.29e-04	1.50e-04	0.0
637	1	1.37e-04	1.93e-04	-0.01	-3.37e-04	5.81e-05	0.0
637	2	7.43e-04	1.43e-03	-0.08	7.00e-04	2.57e-04	0.0
637	3	1.18e-04	1.94e-04	-0.01	-6.64e-05	3.99e-05	0.0
637	4	2.98e-04	5.60e-04	-0.03	2.41e-04	9.88e-05	0.0
638	1	1.27e-04	1.64e-04	-0.01	-3.64e-04	4.70e-05	0.0
638	2	5.80e-04	1.38e-03	-0.08	7.02e-04	1.19e-04	0.0
638	3	1.01e-04	1.81e-04	-0.01	-7.47e-05	2.54e-05	0.0
638	4	2.35e-04	5.42e-04	-0.03	2.41e-04	4.67e-05	0.0
639	1	1.21e-04	1.41e-04	-0.01	-3.87e-04	3.73e-05	0.0
639	2	4.19e-04	1.35e-03	-0.08	6.74e-04	-1.66e-05	0.0
639	3	8.47e-05	1.71e-04	-0.01	-8.39e-05	1.15e-05	0.0
639	4	1.73e-04	5.29e-04	-0.03	2.30e-04	-4.51e-06	0.0
640	1	1.19e-04	1.25e-04	-0.02	-4.04e-04	2.94e-05	0.0
640	2	2.66e-04	1.33e-03	-0.08	6.16e-04	-1.45e-04	0.0
640	3	7.03e-05	1.65e-04	-0.01	-9.35e-05	-1.35e-06	0.0
640	4	1.14e-04	5.22e-04	-0.03	2.09e-04	-5.30e-05	0.0
641	1	1.21e-04	1.16e-04	-0.02	-4.15e-04	2.37e-05	0.0
641	2	1.24e-04	1.32e-03	-0.08	5.32e-04	-2.62e-04	0.0
641	3	5.83e-05	1.63e-04	-0.01	-1.03e-04	-1.25e-05	0.0
641	4	5.93e-05	5.20e-04	-0.03	1.78e-04	-9.71e-05	0.0
642	1	1.29e-04	1.16e-04	-0.02	-4.18e-04	2.08e-05	0.0
642	2	0.0	1.32e-03	-0.08	4.26e-04	-3.62e-04	0.0
642	3	4.94e-05	1.66e-04	-0.01	-1.11e-04	-2.16e-05	0.0
642	4	1.13e-05	5.24e-04	-0.03	1.39e-04	-1.35e-04	0.0
643	1	1.42e-04	1.25e-04	-0.02	-4.12e-04	2.10e-05	0.0
643	2	-1.02e-04	1.34e-03	-0.07	3.03e-04	-4.41e-04	0.0
643	3	4.42e-05	1.74e-04	-0.01	-1.18e-04	-2.79e-05	0.0
643	4	-2.81e-05	5.34e-04	-0.03	9.33e-05	-1.65e-04	0.0
644	1	1.62e-04	1.46e-04	-0.02	-3.95e-04	2.48e-05	0.0
644	2	-1.76e-04	1.38e-03	-0.07	1.68e-04	-4.93e-04	0.0
644	3	4.31e-05	1.88e-04	-0.01	-1.23e-04	-3.10e-05	0.0
644	4	-5.70e-05	5.52e-04	-0.03	4.38e-05	-1.84e-04	0.0
645	1	1.87e-04	1.80e-04	-0.02	-3.67e-04	3.29e-05	0.0
645	2	-2.17e-04	1.43e-03	-0.06	2.81e-05	-5.12e-04	0.0
645	3	4.67e-05	2.08e-04	-0.01	-1.25e-04	-3.02e-05	0.0
645	4	-7.31e-05	5.78e-04	-0.03	-7.44e-06	-1.92e-04	0.0
646	1	2.19e-04	2.29e-04	-0.02	-3.27e-04	4.56e-05	0.0
646	2	-2.19e-04	1.51e-03	-0.06	-1.09e-04	-4.93e-04	0.0
646	3	5.53e-05	2.35e-04	-0.01	-1.22e-04	-2.49e-05	0.0
646	4	-7.43e-05	6.13e-04	-0.02	-5.76e-05	-1.85e-04	0.0
647	1	2.55e-04	2.95e-04	-0.02	-2.75e-04	6.31e-05	0.0
647	2	-1.74e-04	1.61e-03	-0.05	-2.34e-04	-4.32e-04	0.0
647	3	6.92e-05	2.70e-04	-0.01	-1.16e-04	-1.49e-05	0.0
647	4	-5.82e-05	6.59e-04	-0.02	-1.04e-04	-1.62e-04	0.0
648	1	2.97e-04	3.81e-04	-0.02	-2.12e-04	8.57e-05	0.0
648	2	-8.05e-05	1.74e-03	-0.05	-3.41e-04	-3.29e-04	0.0
648	3	8.82e-05	3.14e-04	-0.01	-1.05e-04	0.0	0.0
648	4	-2.35e-05	7.17e-04	-0.02	-1.43e-04	-1.23e-04	0.0
649	1	2.92e-04	5.98e-04	-8.26e-03	-8.12e-05	1.38e-04	-7.71e-06
649	2	1.57e-03	2.12e-03	-0.04	-3.49e-05	6.91e-04	-8.66e-06
649	3	2.45e-04	4.14e-04	-6.30e-03	-3.84e-05	1.01e-04	-3.89e-06
649	4	6.23e-04	8.65e-04	-0.01	-2.47e-05	2.65e-04	-4.17e-06
650	1	2.86e-04	5.15e-04	-9.67e-03	-9.13e-05	1.39e-04	-7.19e-06



650	2	1.53e-03	1.98e-03	-0.04	1.90e-04	6.87e-04	-8.47e-06
650	3	2.39e-04	3.69e-04	-7.33e-03	-2.58e-05	1.01e-04	-3.69e-06
650	4	6.07e-04	8.04e-04	-0.02	5.76e-05	2.64e-04	-4.06e-06
651	1	2.74e-04	4.43e-04	-0.01	-1.00e-04	1.35e-04	-6.55e-06
651	2	1.45e-03	1.87e-03	-0.05	3.97e-04	6.52e-04	-7.97e-06
651	3	2.29e-04	3.29e-04	-8.32e-03	-1.41e-05	9.72e-05	-3.36e-06
651	4	5.78e-04	7.51e-04	-0.02	1.33e-04	2.50e-04	-3.79e-06
652	1	2.60e-04	3.80e-04	-0.01	-1.10e-04	1.28e-04	-5.89e-06
652	2	1.35e-03	1.77e-03	-0.06	5.78e-04	5.94e-04	-7.30e-06
652	3	2.15e-04	2.95e-04	-9.25e-03	-4.41e-06	8.99e-05	-3.01e-06
652	4	5.38e-04	7.06e-04	-0.02	2.00e-04	2.28e-04	-3.43e-06
653	1	2.43e-04	3.24e-04	-0.01	-1.21e-04	1.17e-04	-5.26e-06
653	2	1.23e-03	1.68e-03	-0.06	7.30e-04	5.19e-04	-6.60e-06
653	3	1.98e-04	2.65e-04	-0.01	2.82e-06	8.06e-05	-2.65e-06
653	4	4.91e-04	6.67e-04	-0.02	2.55e-04	2.00e-04	-3.05e-06
654	1	2.26e-04	2.76e-04	-0.01	-1.33e-04	1.06e-04	-4.66e-06
654	2	1.09e-03	1.60e-03	-0.07	8.48e-04	4.32e-04	-5.93e-06
654	3	1.80e-04	2.40e-04	-0.01	7.22e-06	6.97e-05	-2.30e-06
654	4	4.37e-04	6.34e-04	-0.03	2.98e-04	1.66e-04	-2.67e-06
655	1	2.08e-04	2.34e-04	-0.02	-1.47e-04	9.31e-05	-4.08e-06
655	2	9.46e-04	1.54e-03	-0.07	9.29e-04	3.36e-04	-5.30e-06
655	3	1.61e-04	2.18e-04	-0.01	8.63e-06	5.78e-05	-1.96e-06
655	4	3.79e-04	6.06e-04	-0.03	3.27e-04	1.30e-04	-2.32e-06
656	1	1.91e-04	1.97e-04	-0.02	-1.61e-04	8.01e-05	-3.50e-06
656	2	7.91e-04	1.49e-03	-0.07	9.72e-04	2.36e-04	-4.70e-06
656	3	1.41e-04	2.01e-04	-0.01	7.03e-06	4.54e-05	-1.62e-06
656	4	3.19e-04	5.83e-04	-0.03	3.43e-04	9.14e-05	-1.98e-06
657	1	1.76e-04	1.67e-04	-0.02	-1.76e-04	6.72e-05	-2.90e-06
657	2	6.34e-04	1.44e-03	-0.07	9.77e-04	1.33e-04	-4.10e-06
657	3	1.21e-04	1.87e-04	-0.01	2.52e-06	3.28e-05	-1.28e-06
657	4	2.57e-04	5.65e-04	-0.03	3.44e-04	5.22e-05	-1.64e-06
658	1	1.63e-04	1.43e-04	-0.02	-1.91e-04	5.48e-05	-2.26e-06
658	2	4.79e-04	1.41e-03	-0.08	9.44e-04	3.15e-05	-3.48e-06
658	3	1.03e-04	1.76e-04	-0.01	-4.66e-06	2.04e-05	0.0
658	4	1.96e-04	5.51e-04	-0.03	3.32e-04	1.35e-05	-1.30e-06
659	1	1.53e-04	1.25e-04	-0.02	-2.05e-04	4.32e-05	-1.55e-06
659	2	3.30e-04	1.38e-03	-0.08	8.76e-04	-6.51e-05	-2.80e-06
659	3	8.52e-05	1.70e-04	-0.01	-1.42e-05	8.76e-06	0.0
659	4	1.38e-04	5.43e-04	-0.03	3.06e-04	-2.33e-05	0.0
660	1	1.46e-04	1.15e-04	-0.02	-2.17e-04	3.28e-05	0.0
660	2	1.92e-04	1.37e-03	-0.07	7.74e-04	-1.54e-04	-2.02e-06
660	3	6.99e-05	1.68e-04	-0.01	-2.56e-05	-1.89e-06	0.0
660	4	8.37e-05	5.39e-04	-0.03	2.68e-04	-5.71e-05	0.0
661	1	1.42e-04	1.14e-04	-0.02	-2.27e-04	2.39e-05	0.0
661	2	6.93e-05	1.37e-03	-0.07	6.44e-04	-2.31e-04	-1.11e-06
661	3	5.72e-05	1.70e-04	-0.01	-3.83e-05	-1.11e-05	0.0
661	4	3.56e-05	5.41e-04	-0.03	2.20e-04	-8.65e-05	0.0
662	1	1.42e-04	1.22e-04	-0.02	-2.34e-04	1.71e-05	1.26e-06
662	2	-3.38e-05	1.38e-03	-0.07	4.91e-04	-2.92e-04	0.0
662	3	4.75e-05	1.77e-04	-0.01	-5.15e-05	-1.83e-05	0.0
662	4	-4.75e-06	5.49e-04	-0.03	1.63e-04	-1.10e-04	0.0
663	1	1.47e-04	1.42e-04	-0.02	-2.36e-04	1.28e-05	2.48e-06
663	2	-1.13e-04	1.41e-03	-0.07	3.22e-04	-3.34e-04	1.13e-06
663	3	4.14e-05	1.90e-04	-0.01	-6.45e-05	-2.31e-05	1.34e-06
663	4	-3.56e-05	5.64e-04	-0.03	1.01e-04	-1.26e-04	0.0
664	1	1.56e-04	1.76e-04	-0.02	-2.32e-04	1.17e-05	3.84e-06
664	2	-1.62e-04	1.45e-03	-0.06	1.45e-04	-3.51e-04	2.38e-06
664	3	3.93e-05	2.09e-04	-0.01	-7.63e-05	-2.49e-05	1.91e-06
664	4	-5.50e-05	5.86e-04	-0.03	3.52e-05	-1.33e-04	1.48e-06
665	1	1.70e-04	2.25e-04	-0.02	-2.21e-04	1.47e-05	5.27e-06
665	2	-1.77e-04	1.51e-03	-0.06	-3.00e-05	-3.40e-04	3.51e-06
665	3	4.17e-05	2.36e-04	-0.01	-8.58e-05	-2.30e-05	2.46e-06
665	4	-6.11e-05	6.17e-04	-0.02	-2.92e-05	-1.28e-04	1.94e-06
666	1	1.88e-04	2.92e-04	-0.02	-2.00e-04	2.29e-05	6.61e-06
666	2	-1.51e-04	1.60e-03	-0.06	-1.90e-04	-2.92e-04	4.05e-06
666	3	4.89e-05	2.70e-04	-0.01	-9.13e-05	-1.66e-05	2.87e-06
666	4	-5.16e-05	6.58e-04	-0.02	-8.83e-05	-1.10e-04	2.11e-06
667	1	2.11e-04	3.77e-04	-0.02	-1.68e-04	3.82e-05	7.45e-06
667	2	-7.65e-05	1.72e-03	-0.05	-3.22e-04	-2.00e-04	2.91e-06
667	3	6.19e-05	3.13e-04	-0.01	-9.10e-05	-4.49e-06	2.85e-06
667	4	-2.32e-05	7.10e-04	-0.02	-1.36e-04	-7.52e-05	1.51e-06
668	1	3.63e-04	6.06e-04	-8.99e-03	-6.41e-05	1.44e-04	0.0
668	2	1.56e-03	2.13e-03	-0.04	-1.53e-05	4.87e-04	0.0
668	3	2.74e-04	4.19e-04	-6.66e-03	-3.19e-05	8.88e-05	0.0
668	4	6.29e-04	8.71e-04	-0.01	-1.75e-05	1.91e-04	0.0
669	1	3.55e-04	5.22e-04	-0.01	-5.06e-05	1.39e-04	0.0
669	2	1.52e-03	2.01e-03	-0.04	2.08e-04	4.69e-04	0.0



669	3	2.67e-04	3.74e-04	-7.52e-03	-1.15e-05	8.57e-05	0.0
669	4	6.12e-04	8.13e-04	-0.02	6.50e-05	1.84e-04	0.0
670	1	3.42e-04	4.50e-04	-0.01	-3.70e-05	1.33e-04	0.0
670	2	1.45e-03	1.90e-03	-0.05	4.19e-04	4.48e-04	0.0
670	3	2.56e-04	3.34e-04	-8.35e-03	7.98e-06	8.20e-05	0.0
670	4	5.84e-04	7.63e-04	-0.02	1.43e-04	1.75e-04	0.0
671	1	3.25e-04	3.87e-04	-0.01	-2.52e-05	1.27e-04	0.0
671	2	1.36e-03	1.80e-03	-0.05	6.07e-04	4.17e-04	0.0
671	3	2.41e-04	3.01e-04	-9.13e-03	2.53e-05	7.71e-05	0.0
671	4	5.47e-04	7.20e-04	-0.02	2.13e-04	1.63e-04	0.0
672	1	3.06e-04	3.31e-04	-0.01	-1.60e-05	1.19e-04	0.0
672	2	1.25e-03	1.72e-03	-0.05	7.66e-04	3.76e-04	0.0
672	3	2.23e-04	2.71e-04	-9.86e-03	3.96e-05	7.08e-05	0.0
672	4	5.02e-04	6.83e-04	-0.02	2.71e-04	1.47e-04	0.0
673	1	2.85e-04	2.82e-04	-0.02	-1.02e-05	1.09e-04	0.0
673	2	1.12e-03	1.65e-03	-0.06	8.90e-04	3.26e-04	0.0
673	3	2.04e-04	2.46e-04	-0.01	5.04e-05	6.34e-05	0.0
673	4	4.51e-04	6.51e-04	-0.02	3.17e-04	1.28e-04	0.0
674	1	2.63e-04	2.40e-04	-0.02	-7.93e-06	9.94e-05	0.0
674	2	9.81e-04	1.59e-03	-0.06	9.78e-04	2.69e-04	0.0
674	3	1.83e-04	2.25e-04	-0.01	5.73e-05	5.52e-05	0.0
674	4	3.96e-04	6.24e-04	-0.02	3.49e-04	1.06e-04	0.0
675	1	2.41e-04	2.03e-04	-0.02	-9.35e-06	8.89e-05	0.0
675	2	8.36e-04	1.53e-03	-0.06	1.03e-03	2.09e-04	0.0
675	3	1.61e-04	2.07e-04	-0.01	6.02e-05	4.64e-05	0.0
675	4	3.38e-04	6.02e-04	-0.03	3.67e-04	8.19e-05	0.0
676	1	2.20e-04	1.72e-04	-0.02	-1.44e-05	7.81e-05	0.0
676	2	6.89e-04	1.49e-03	-0.06	1.04e-03	1.46e-04	0.0
676	3	1.40e-04	1.93e-04	-0.01	5.91e-05	3.74e-05	0.0
676	4	2.79e-04	5.84e-04	-0.03	3.70e-04	5.76e-05	0.0
677	1	2.00e-04	1.47e-04	-0.02	-2.29e-05	6.74e-05	0.0
677	2	5.45e-04	1.46e-03	-0.07	1.01e-03	8.38e-05	0.0
677	3	1.19e-04	1.82e-04	-0.01	5.39e-05	2.84e-05	0.0
677	4	2.21e-04	5.70e-04	-0.03	3.59e-04	3.33e-05	0.0
678	1	1.82e-04	1.29e-04	-0.02	-3.45e-05	5.69e-05	0.0
678	2	4.06e-04	1.43e-03	-0.07	9.39e-04	2.39e-05	0.0
678	3	9.91e-05	1.75e-04	-0.01	4.50e-05	1.98e-05	0.0
678	4	1.66e-04	5.61e-04	-0.03	3.33e-04	9.99e-06	0.0
679	1	1.66e-04	1.18e-04	-0.02	-4.87e-05	4.69e-05	0.0
679	2	2.77e-04	1.41e-03	-0.07	8.36e-04	-3.15e-05	0.0
679	3	8.10e-05	1.73e-04	-0.01	3.26e-05	1.17e-05	0.0
679	4	1.14e-04	5.56e-04	-0.03	2.95e-04	-1.15e-05	0.0
680	1	1.52e-04	1.16e-04	-0.02	-6.50e-05	3.75e-05	0.0
680	2	1.63e-04	1.40e-03	-0.07	7.02e-04	-7.99e-05	0.0
680	3	6.52e-05	1.74e-04	-0.01	1.73e-05	4.43e-06	0.0
680	4	6.86e-05	5.56e-04	-0.03	2.45e-04	-3.04e-05	0.0
681	1	1.42e-04	1.23e-04	-0.02	-8.25e-05	2.92e-05	0.0
681	2	6.82e-05	1.41e-03	-0.06	5.43e-04	-1.19e-04	0.0
681	3	5.23e-05	1.81e-04	-0.01	0.0	-1.66e-06	0.0
681	4	3.05e-05	5.62e-04	-0.03	1.85e-04	-4.56e-05	0.0
682	1	1.35e-04	1.43e-04	-0.02	-1.00e-04	2.23e-05	0.0
682	2	-4.05e-06	1.43e-03	-0.06	3.64e-04	-1.47e-04	0.0
682	3	4.27e-05	1.93e-04	-0.01	-1.94e-05	-6.27e-06	0.0
682	4	1.60e-06	5.74e-04	-0.03	1.18e-04	-5.64e-05	0.0
683	1	1.31e-04	1.76e-04	-0.02	-1.17e-04	1.70e-05	0.0
683	2	-4.90e-05	1.46e-03	-0.06	1.76e-04	-1.60e-04	0.0
683	3	3.71e-05	2.11e-04	-0.01	-3.89e-05	-9.07e-06	0.0
683	4	-1.64e-05	5.93e-04	-0.02	4.78e-05	-6.16e-05	0.0
684	1	1.32e-04	2.25e-04	-0.02	-1.31e-04	1.36e-05	0.0
684	2	-6.24e-05	1.52e-03	-0.06	-1.22e-05	-1.57e-04	0.0
684	3	3.60e-05	2.37e-04	-0.01	-5.74e-05	-9.81e-06	0.0
684	4	-2.17e-05	6.20e-04	-0.02	-2.21e-05	-6.04e-05	0.0
685	1	1.38e-04	2.92e-04	-0.02	-1.41e-04	1.15e-05	0.0
685	2	-4.01e-05	1.59e-03	-0.06	-1.85e-04	-1.37e-04	0.0
685	3	3.99e-05	2.71e-04	-0.01	-7.34e-05	-8.69e-06	0.0
685	4	-1.28e-05	6.56e-04	-0.02	-8.65e-05	-5.28e-05	0.0
686	1	1.47e-04	3.77e-04	-0.02	-1.43e-04	1.05e-05	0.0
686	2	1.95e-05	1.70e-03	-0.06	-3.26e-04	-1.07e-04	0.0
686	3	4.88e-05	3.13e-04	-0.01	-8.49e-05	-6.25e-06	0.0
686	4	1.10e-05	7.03e-04	-0.02	-1.39e-04	-4.12e-05	0.0
687	1	4.48e-04	6.10e-04	-9.53e-03	-4.40e-05	1.19e-04	-8.38e-06
687	2	1.63e-03	2.14e-03	-0.04	-1.19e-04	2.81e-04	-1.15e-05
687	3	3.15e-04	4.22e-04	-6.96e-03	-3.19e-05	6.56e-05	-4.46e-06
687	4	6.65e-04	8.76e-04	-0.02	-5.41e-05	1.14e-04	-5.39e-06
688	1	4.37e-04	5.28e-04	-0.01	-1.82e-05	1.18e-04	-7.49e-06
688	2	1.58e-03	2.02e-03	-0.04	1.06e-05	2.82e-04	-1.03e-05
688	3	3.06e-04	3.77e-04	-7.61e-03	-1.37e-05	6.51e-05	-3.98e-06



688	4	6.45e-04	8.20e-04	-0.02	-5.14e-06	1.14e-04	-4.81e-06
689	1	4.20e-04	4.56e-04	-0.01	4.19e-06	1.15e-04	-6.61e-06
689	2	1.51e-03	1.92e-03	-0.04	1.41e-04	2.76e-04	-9.01e-06
689	3	2.92e-04	3.39e-04	-8.24e-03	3.62e-06	6.33e-05	-3.49e-06
689	4	6.14e-04	7.73e-04	-0.02	4.42e-05	1.11e-04	-4.20e-06
690	1	3.98e-04	3.93e-04	-0.01	2.44e-05	1.11e-04	-5.84e-06
690	2	1.41e-03	1.83e-03	-0.05	2.68e-04	2.64e-04	-7.91e-06
690	3	2.74e-04	3.06e-04	-8.86e-03	2.01e-05	6.06e-05	-3.04e-06
690	4	5.74e-04	7.32e-04	-0.02	9.24e-05	1.06e-04	-3.65e-06
691	1	3.74e-04	3.38e-04	-0.01	4.20e-05	1.06e-04	-5.16e-06
691	2	1.30e-03	1.75e-03	-0.05	3.86e-04	2.47e-04	-6.96e-06
691	3	2.54e-04	2.77e-04	-9.44e-03	3.50e-05	5.72e-05	-2.64e-06
691	4	5.27e-04	6.97e-04	-0.02	1.37e-04	9.89e-05	-3.17e-06
692	1	3.47e-04	2.90e-04	-0.02	5.65e-05	1.00e-04	-4.56e-06
692	2	1.17e-03	1.69e-03	-0.05	4.86e-04	2.26e-04	-6.12e-06
692	3	2.31e-04	2.53e-04	-9.98e-03	4.75e-05	5.32e-05	-2.27e-06
692	4	4.75e-04	6.66e-04	-0.02	1.75e-04	9.04e-05	-2.73e-06
693	1	3.19e-04	2.47e-04	-0.02	6.71e-05	9.44e-05	-3.99e-06
693	2	1.03e-03	1.63e-03	-0.05	5.63e-04	2.02e-04	-5.38e-06
693	3	2.07e-04	2.31e-04	-0.01	5.69e-05	4.87e-05	-1.93e-06
693	4	4.18e-04	6.41e-04	-0.02	2.04e-04	8.07e-05	-2.34e-06
694	1	2.90e-04	2.10e-04	-0.02	7.37e-05	8.81e-05	-3.43e-06
694	2	8.86e-04	1.58e-03	-0.05	6.12e-04	1.77e-04	-4.69e-06
694	3	1.82e-04	2.14e-04	-0.01	6.28e-05	4.40e-05	-1.59e-06
694	4	3.59e-04	6.19e-04	-0.02	2.22e-04	7.03e-05	-1.97e-06
695	1	2.61e-04	1.79e-04	-0.02	7.59e-05	8.15e-05	-2.85e-06
695	2	7.40e-04	1.53e-03	-0.06	6.32e-04	1.50e-04	-4.03e-06
695	3	1.57e-04	2.00e-04	-0.01	6.48e-05	3.91e-05	-1.27e-06
695	4	2.99e-04	6.01e-04	-0.02	2.29e-04	5.94e-05	-1.61e-06
696	1	2.33e-04	1.54e-04	-0.02	7.37e-05	7.48e-05	-2.24e-06
696	2	5.95e-04	1.50e-03	-0.06	6.21e-04	1.23e-04	-3.35e-06
696	3	1.33e-04	1.89e-04	-0.01	6.28e-05	3.41e-05	0.0
696	4	2.40e-04	5.87e-04	-0.02	2.25e-04	4.85e-05	-1.26e-06
697	1	2.06e-04	1.35e-04	-0.02	6.72e-05	6.81e-05	-1.55e-06
697	2	4.57e-04	1.47e-03	-0.06	5.79e-04	9.75e-05	-2.64e-06
697	3	1.09e-04	1.82e-04	-0.01	5.70e-05	2.93e-05	0.0
697	4	1.83e-04	5.76e-04	-0.02	2.09e-04	3.80e-05	0.0
698	1	1.79e-04	1.24e-04	-0.02	5.65e-05	6.15e-05	0.0
698	2	3.28e-04	1.45e-03	-0.06	5.09e-04	7.32e-05	-1.84e-06
698	3	8.66e-05	1.78e-04	-0.01	4.76e-05	2.46e-05	0.0
698	4	1.31e-04	5.70e-04	-0.02	1.82e-04	2.81e-05	0.0
699	1	1.55e-04	1.21e-04	-0.02	4.20e-05	5.51e-05	0.0
699	2	2.13e-04	1.44e-03	-0.06	4.13e-04	5.14e-05	0.0
699	3	6.63e-05	1.79e-04	-0.01	3.48e-05	2.04e-05	0.0
699	4	8.36e-05	5.68e-04	-0.02	1.45e-04	1.93e-05	0.0
700	1	1.32e-04	1.28e-04	-0.02	2.40e-05	4.90e-05	1.21e-06
700	2	1.15e-04	1.43e-03	-0.06	2.97e-04	3.29e-05	0.0
700	3	4.86e-05	1.85e-04	-0.01	1.93e-05	1.65e-05	0.0
700	4	4.37e-05	5.72e-04	-0.02	1.00e-04	1.18e-05	0.0
701	1	1.12e-04	1.47e-04	-0.02	3.00e-06	4.33e-05	2.45e-06
701	2	3.93e-05	1.45e-03	-0.06	1.68e-04	1.85e-05	1.44e-06
701	3	3.41e-05	1.96e-04	-0.01	1.81e-06	1.33e-05	1.34e-06
701	4	1.26e-05	5.81e-04	-0.02	5.06e-05	5.94e-06	1.05e-06
702	1	9.52e-05	1.79e-04	-0.02	-2.02e-05	3.82e-05	3.87e-06
702	2	-1.16e-05	1.47e-03	-0.06	3.16e-05	9.14e-06	2.88e-06
702	3	2.35e-05	2.13e-04	-0.01	-1.68e-05	1.08e-05	1.97e-06
702	4	-8.15e-06	5.97e-04	-0.02	-1.44e-06	2.15e-06	1.68e-06
703	1	8.25e-05	2.27e-04	-0.02	-4.46e-05	3.38e-05	5.42e-06
703	2	-3.37e-05	1.52e-03	-0.06	-1.01e-04	5.55e-06	4.40e-06
703	3	1.75e-05	2.38e-04	-0.01	-3.53e-05	9.10e-06	2.62e-06
703	4	-1.69e-05	6.20e-04	-0.02	-5.20e-05	0.0	2.32e-06
704	1	7.47e-05	2.93e-04	-0.02	-7.01e-05	3.03e-05	6.96e-06
704	2	-2.35e-05	1.58e-03	-0.06	-2.20e-04	8.74e-06	5.68e-06
704	3	1.69e-05	2.70e-04	-0.01	-5.29e-05	8.53e-06	3.21e-06
704	4	-1.22e-05	6.52e-04	-0.02	-9.74e-05	2.15e-06	2.83e-06
705	1	7.32e-05	3.78e-04	-0.02	-9.83e-05	2.83e-05	7.99e-06
705	2	2.26e-05	1.68e-03	-0.06	-3.20e-04	1.98e-05	5.59e-06
705	3	2.28e-05	3.11e-04	-0.01	-6.94e-05	9.44e-06	3.39e-06
705	4	7.79e-06	6.96e-04	-0.02	-1.35e-04	6.90e-06	2.68e-06
706	1	-4.78e-04	3.11e-04	-9.53e-03	-3.44e-05	0.0	1.49e-05
706	2	-5.45e-04	6.01e-04	-0.04	-2.46e-04	0.0	3.62e-05
706	3	-1.94e-04	1.50e-04	-6.96e-03	-3.59e-05	0.0	7.17e-06
706	4	-2.14e-04	2.36e-04	-0.02	-9.88e-05	0.0	1.35e-05
707	1	-4.74e-04	4.35e-04	-0.01	-7.99e-06	0.0	1.17e-05
707	2	-5.86e-04	1.05e-03	-0.04	-2.20e-04	0.0	5.65e-05
707	3	-1.96e-04	2.21e-04	-7.61e-03	-2.38e-05	0.0	7.89e-06
707	4	-2.29e-04	4.05e-04	-0.02	-8.66e-05	0.0	2.12e-05



708	1	-4.68e-04	5.47e-04	-0.01	1.72e-05	0.0	1.14e-05
708	2	-6.14e-04	1.68e-03	-0.04	-1.60e-04	0.0	6.91e-05
708	3	-1.96e-04	3.05e-04	-8.25e-03	-9.45e-06	0.0	9.01e-06
708	4	-2.40e-04	6.39e-04	-0.02	-6.18e-05	0.0	2.61e-05
709	1	-4.60e-04	6.57e-04	-0.01	4.08e-05	0.0	1.08e-05
709	2	-6.24e-04	2.39e-03	-0.05	-8.17e-05	0.0	7.34e-05
709	3	-1.94e-04	3.96e-04	-8.86e-03	5.67e-06	0.0	9.26e-06
709	4	-2.43e-04	9.08e-04	-0.02	-3.06e-05	0.0	2.78e-05
710	1	-4.49e-04	7.57e-04	-0.01	6.17e-05	0.0	9.24e-06
710	2	-6.15e-04	3.10e-03	-0.05	1.71e-06	0.0	6.97e-05
710	3	-1.89e-04	4.84e-04	-9.44e-03	2.01e-05	0.0	8.48e-06
710	4	-2.39e-04	1.18e-03	-0.02	2.36e-06	0.0	2.64e-05
711	1	-4.35e-04	8.38e-04	-0.02	7.94e-05	0.0	7.08e-06
711	2	-5.92e-04	3.74e-03	-0.05	8.08e-05	0.0	5.94e-05
711	3	-1.82e-04	5.61e-04	-9.98e-03	3.29e-05	0.0	6.92e-06
711	4	-2.29e-04	1.42e-03	-0.02	3.33e-05	0.0	2.24e-05
712	1	-4.19e-04	8.95e-04	-0.02	9.34e-05	0.0	4.52e-06
712	2	-5.56e-04	4.26e-03	-0.05	1.48e-04	0.0	4.42e-05
712	3	-1.74e-04	6.19e-04	-0.01	4.32e-05	0.0	4.82e-06
712	4	-2.14e-04	1.61e-03	-0.02	5.93e-05	0.0	1.66e-05
713	1	-4.01e-04	9.26e-04	-0.02	1.03e-04	0.0	1.73e-06
713	2	-5.11e-04	4.60e-03	-0.05	1.97e-04	0.0	2.55e-05
713	3	-1.64e-04	6.55e-04	-0.01	5.04e-05	0.0	2.36e-06
713	4	-1.96e-04	1.74e-03	-0.02	7.82e-05	0.0	9.42e-06
714	1	-3.82e-04	9.29e-04	-0.02	1.09e-04	0.0	-1.16e-06
714	2	-4.61e-04	4.75e-03	-0.06	2.25e-04	0.0	4.87e-06
714	3	-1.53e-04	6.65e-04	-0.01	5.43e-05	0.0	0.0
714	4	-1.76e-04	1.80e-03	-0.02	8.85e-05	0.0	1.50e-06
715	1	-3.61e-04	9.03e-04	-0.02	1.11e-04	0.0	-4.05e-06
715	2	-4.07e-04	4.70e-03	-0.06	2.28e-04	0.0	-1.64e-05
715	3	-1.41e-04	6.49e-04	-0.01	5.46e-05	0.0	-2.99e-06
715	4	-1.55e-04	1.77e-03	-0.02	8.94e-05	0.0	-6.66e-06
716	1	-3.39e-04	8.49e-04	-0.02	1.08e-04	0.0	-6.85e-06
716	2	-3.53e-04	4.43e-03	-0.06	2.08e-04	0.0	-3.71e-05
716	3	-1.29e-04	6.06e-04	-0.01	5.12e-05	0.0	-5.60e-06
716	4	-1.33e-04	1.67e-03	-0.02	8.09e-05	0.0	-1.46e-05
717	1	-3.16e-04	7.68e-04	-0.02	1.01e-04	0.0	-9.47e-06
717	2	-3.01e-04	3.97e-03	-0.06	1.65e-04	0.0	-5.58e-05
717	3	-1.17e-04	5.39e-04	-0.01	4.44e-05	0.0	-7.98e-06
717	4	-1.13e-04	1.49e-03	-0.02	6.35e-05	0.0	-2.17e-05
718	1	-2.94e-04	6.63e-04	-0.02	8.90e-05	0.0	-1.18e-05
718	2	-2.55e-04	3.34e-03	-0.06	1.02e-04	0.0	-7.13e-05
718	3	-1.06e-04	4.50e-04	-0.01	3.43e-05	0.0	-9.99e-06
718	4	-9.47e-05	1.24e-03	-0.02	3.81e-05	0.0	-2.76e-05
719	1	-2.71e-04	5.35e-04	-0.02	7.30e-05	0.0	-1.39e-05
719	2	-2.16e-04	2.58e-03	-0.06	2.31e-05	0.0	-8.23e-05
719	3	-9.57e-05	3.43e-04	-0.01	2.14e-05	0.0	-1.15e-05
719	4	-7.94e-05	9.47e-04	-0.02	6.60e-06	0.0	-3.18e-05
720	1	-2.49e-04	3.91e-04	-0.02	5.27e-05	0.0	-1.54e-05
720	2	-1.86e-04	1.73e-03	-0.06	-6.58e-05	0.0	-8.77e-05
720	3	-8.64e-05	2.25e-04	-0.01	6.15e-06	0.0	-1.24e-05
720	4	-6.79e-05	6.21e-04	-0.02	-2.90e-05	0.0	-3.38e-05
721	1	-2.27e-04	2.34e-04	-0.02	2.80e-05	0.0	-1.63e-05
721	2	-1.68e-04	8.65e-04	-0.06	-1.58e-04	0.0	-8.62e-05
721	3	-7.83e-05	1.02e-04	-0.01	-1.07e-05	0.0	-1.24e-05
721	4	-6.09e-05	2.89e-04	-0.02	-6.58e-05	0.0	-3.31e-05
722	1	-2.05e-04	7.15e-05	-0.02	0.0	0.0	-1.64e-05
722	2	-1.62e-04	5.41e-05	-0.06	-2.45e-04	0.0	-7.66e-05
722	3	-7.16e-05	-1.63e-05	-0.01	-2.84e-05	0.0	-1.13e-05
722	4	-5.90e-05	-2.15e-05	-0.02	-1.01e-04	0.0	-2.92e-05
723	1	-1.84e-04	-8.90e-05	-0.02	-3.35e-05	0.0	-1.65e-05
723	2	-1.69e-04	-6.19e-04	-0.06	-3.17e-04	0.0	-5.79e-05
723	3	-6.64e-05	-1.19e-04	-0.01	-4.57e-05	0.0	-9.37e-06
723	4	-6.22e-05	-2.76e-04	-0.02	-1.30e-04	0.0	-2.17e-05
724	1	-1.63e-04	-2.66e-04	-0.02	-7.02e-05	0.0	-2.15e-05
724	2	-1.85e-04	-1.06e-03	-0.06	-3.60e-04	0.0	-2.90e-05
724	3	-6.22e-05	-2.03e-04	-0.01	-6.13e-05	0.0	-8.09e-06
724	4	-6.87e-05	-4.38e-04	-0.02	-1.47e-04	0.0	-1.03e-05
725	1	-1.29e-03	3.29e-05	-9.53e-03	-5.19e-05	1.19e-04	3.41e-05
725	2	-2.44e-03	-1.33e-03	-0.04	-2.98e-04	2.76e-04	2.62e-05
725	3	-6.40e-04	-1.26e-04	-6.96e-03	-4.50e-05	6.52e-05	1.44e-05
725	4	-9.82e-04	-5.29e-04	-0.02	-1.18e-04	1.12e-04	1.21e-05
726	1	-1.27e-03	3.72e-04	-0.01	-1.24e-05	1.18e-04	3.32e-05
726	2	-2.50e-03	-7.76e-04	-0.04	-2.79e-04	2.78e-04	8.26e-05
726	3	-6.38e-04	4.17e-05	-7.61e-03	-2.66e-05	6.49e-05	1.87e-05
726	4	-1.00e-03	-2.99e-04	-0.02	-1.06e-04	1.12e-04	3.33e-05
727	1	-1.25e-03	6.94e-04	-0.01	2.40e-05	1.15e-04	3.11e-05



727	2	-2.49e-03	2.12e-04	-0.04	-2.27e-04	2.72e-04	1.12e-04
727	3	-6.26e-04	2.38e-04	-8.25e-03	-7.47e-06	6.31e-05	2.02e-05
727	4	-9.95e-04	9.47e-05	-0.02	-8.17e-05	1.10e-04	4.41e-05
728	1	-1.21e-03	9.87e-04	-0.01	5.30e-05	1.11e-04	2.78e-05
728	2	-2.42e-03	1.41e-03	-0.05	-1.62e-04	2.61e-04	1.25e-04
728	3	-6.07e-04	4.39e-04	-8.85e-03	9.29e-06	6.04e-05	2.00e-05
728	4	-9.65e-04	5.63e-04	-0.02	-5.43e-05	1.05e-04	4.88e-05
729	1	-1.17e-03	1.24e-03	-0.01	7.66e-05	1.06e-04	2.36e-05
729	2	-2.31e-03	2.65e-03	-0.05	-9.14e-05	2.45e-04	1.23e-04
729	3	-5.79e-04	6.29e-04	-9.43e-03	2.41e-05	5.70e-05	1.82e-05
729	4	-9.15e-04	1.05e-03	-0.02	-2.57e-05	9.82e-05	4.76e-05
730	1	-1.12e-03	1.45e-03	-0.02	9.57e-05	1.00e-04	1.88e-05
730	2	-2.15e-03	3.80e-03	-0.05	-2.29e-05	2.25e-04	1.08e-04
730	3	-5.46e-04	7.95e-04	-9.98e-03	3.68e-05	5.30e-05	1.51e-05
730	4	-8.50e-04	1.49e-03	-0.02	1.66e-06	8.99e-05	4.16e-05
731	1	-1.07e-03	1.61e-03	-0.02	1.11e-04	9.44e-05	1.34e-05
731	2	-1.95e-03	4.76e-03	-0.05	3.72e-05	2.02e-04	8.40e-05
731	3	-5.09e-04	9.26e-04	-0.01	4.71e-05	4.86e-05	1.11e-05
731	4	-7.72e-04	1.86e-03	-0.02	2.53e-05	8.04e-05	3.20e-05
732	1	-1.01e-03	1.72e-03	-0.02	1.22e-04	8.81e-05	7.76e-06
732	2	-1.74e-03	5.44e-03	-0.05	8.32e-05	1.77e-04	5.27e-05
732	3	-4.68e-04	1.01e-03	-0.01	5.45e-05	4.39e-05	6.47e-06
732	4	-6.85e-04	2.12e-03	-0.02	4.31e-05	7.01e-05	1.98e-05
733	1	-9.46e-04	1.77e-03	-0.02	1.28e-04	8.15e-05	1.88e-06
733	2	-1.51e-03	5.79e-03	-0.06	1.11e-04	1.50e-04	1.72e-05
733	3	-4.25e-04	1.05e-03	-0.01	5.87e-05	3.91e-05	1.41e-06
733	4	-5.93e-04	2.25e-03	-0.02	5.36e-05	5.95e-05	5.96e-06
734	1	-8.81e-04	1.76e-03	-0.02	1.31e-04	7.48e-05	-4.07e-06
734	2	-1.28e-03	5.78e-03	-0.06	1.19e-04	1.24e-04	-1.99e-05
734	3	-3.81e-04	1.04e-03	-0.01	5.95e-05	3.42e-05	-3.78e-06
734	4	-5.00e-04	2.23e-03	-0.02	5.59e-05	4.87e-05	-8.47e-06
735	1	-8.16e-04	1.69e-03	-0.02	1.29e-04	6.82e-05	-9.98e-06
735	2	-1.06e-03	5.40e-03	-0.06	1.05e-04	5.84e-05	-5.62e-05
735	3	-3.37e-04	9.79e-04	-0.01	5.69e-05	2.94e-05	-8.86e-06
735	4	-4.09e-04	2.08e-03	-0.02	4.97e-05	3.83e-05	-2.25e-05
736	1	-7.50e-04	1.56e-03	-0.02	1.22e-04	6.16e-05	-1.58e-05
736	2	-8.46e-04	4.68e-03	-0.06	7.09e-05	7.44e-05	-8.91e-05
736	3	-2.95e-04	8.67e-04	-0.01	5.09e-05	2.48e-05	-1.36e-05
736	4	-3.24e-04	1.79e-03	-0.02	3.56e-05	2.86e-05	-3.53e-05
737	1	-6.86e-04	1.37e-03	-0.02	1.11e-04	5.52e-05	-2.14e-05
737	2	-6.56e-04	3.66e-03	-0.06	1.94e-05	5.29e-05	-1.16e-04
737	3	-2.56e-04	7.11e-04	-0.01	4.17e-05	2.05e-05	-1.78e-05
737	4	-2.48e-04	1.39e-03	-0.02	1.44e-05	1.98e-05	-4.59e-05
738	1	-6.24e-04	1.14e-03	-0.02	9.53e-05	4.91e-05	-2.67e-05
738	2	-4.95e-04	2.40e-03	-0.06	-4.59e-05	3.47e-05	-1.36e-04
738	3	-2.21e-04	5.18e-04	-0.01	2.96e-05	1.67e-05	-2.12e-05
738	4	-1.83e-04	8.92e-04	-0.02	-1.22e-05	1.24e-05	-5.35e-05
739	1	-5.64e-04	8.47e-04	-0.02	7.39e-05	4.34e-05	-3.18e-05
739	2	-3.72e-04	9.95e-04	-0.06	-1.20e-04	2.05e-05	-1.46e-04
739	3	-1.91e-04	2.95e-04	-0.01	1.49e-05	1.34e-05	-2.36e-05
739	4	-1.33e-04	3.39e-04	-0.02	-4.26e-05	6.68e-06	-5.73e-05
740	1	-5.08e-04	5.07e-04	-0.02	4.63e-05	3.82e-05	-3.67e-05
740	2	-2.91e-04	-4.50e-04	-0.06	-1.97e-04	1.13e-05	-1.44e-04
740	3	-1.66e-04	5.44e-05	-0.01	-2.20e-06	1.09e-05	-2.48e-05
740	4	-1.02e-04	-2.29e-04	-0.02	-7.43e-05	2.93e-06	-5.65e-05
741	1	-4.57e-04	1.20e-04	-0.02	1.07e-05	3.35e-05	-4.13e-05
741	2	-2.60e-04	-1.81e-03	-0.06	-2.72e-04	7.64e-06	-1.28e-04
741	3	-1.48e-04	-1.93e-04	-0.01	-2.19e-05	9.17e-06	-2.47e-05
741	4	-8.99e-05	-7.66e-04	-0.02	-1.05e-04	1.50e-06	-5.03e-05
742	1	-4.10e-04	-3.11e-04	-0.02	-3.60e-05	2.95e-05	-4.51e-05
742	2	-2.84e-04	-2.95e-03	-0.06	-3.38e-04	1.05e-05	-9.75e-05
742	3	-1.38e-04	-4.33e-04	-0.01	-4.49e-05	8.37e-06	-2.29e-05
742	4	-1.01e-04	-1.22e-03	-0.02	-1.35e-04	2.73e-06	-3.85e-05
743	1	-3.65e-04	-7.92e-04	-0.02	-9.03e-05	2.72e-05	-5.01e-05
743	2	-3.68e-04	-3.69e-03	-0.06	-3.88e-04	2.09e-05	-4.63e-05
743	3	-1.35e-04	-6.50e-04	-0.01	-6.95e-05	9.08e-06	-1.94e-05
743	4	-1.36e-04	-1.51e-03	-0.02	-1.58e-04	7.21e-06	-1.83e-05
744	1	-4.78e-04	-1.14e-03	-0.02	-8.70e-05	0.0	-7.07e-05
744	2	-4.49e-04	-5.24e-03	-0.06	-3.91e-04	0.0	-5.92e-05
744	3	-1.72e-04	-9.24e-04	-0.01	-6.87e-05	0.0	-2.85e-05
744	4	-1.64e-04	-2.14e-03	-0.02	-1.59e-04	0.0	-2.51e-05
745	1	-5.31e-04	-4.55e-04	-0.02	-3.59e-05	0.0	-6.50e-05
745	2	-3.38e-04	-4.31e-03	-0.06	-3.42e-04	0.0	-1.21e-04
745	3	-1.74e-04	-6.13e-04	-0.01	-4.53e-05	0.0	-3.24e-05
745	4	-1.17e-04	-1.76e-03	-0.02	-1.36e-04	0.0	-4.91e-05
746	1	-5.94e-04	1.62e-04	-0.02	1.04e-05	0.0	-5.66e-05
746	2	-3.06e-04	-2.90e-03	-0.06	-2.74e-04	0.0	-1.56e-04



746	3	-1.88e-04	-2.81e-04	-0.01	-2.22e-05	0.0	-3.28e-05
746	4	-1.02e-04	-1.19e-03	-0.02	-1.06e-04	0.0	-6.21e-05
747	1	-6.64e-04	6.92e-04	-0.02	4.63e-05	0.0	-4.84e-05
747	2	-3.53e-04	-1.24e-03	-0.06	-1.98e-04	0.0	-1.73e-04
747	3	-2.12e-04	4.53e-05	-0.01	-2.30e-06	0.0	-3.18e-05
747	4	-1.20e-04	-5.27e-04	-0.02	-7.47e-05	0.0	-6.87e-05
748	1	-7.40e-04	1.14e-03	-0.02	7.41e-05	0.0	-4.09e-05
748	2	-4.69e-04	5.15e-04	-0.06	-1.20e-04	0.0	-1.75e-04
748	3	-2.47e-04	3.55e-04	-0.01	1.50e-05	0.0	-2.95e-05
748	4	-1.67e-04	1.69e-04	-0.02	-4.24e-05	0.0	-6.92e-05
749	1	-8.22e-04	1.52e-03	-0.02	9.55e-05	0.0	-3.37e-05
749	2	-6.48e-04	2.22e-03	-0.06	-4.47e-05	0.0	-1.62e-04
749	3	-2.90e-04	6.36e-04	-0.01	2.98e-05	0.0	-2.62e-05
749	4	-2.38e-04	8.44e-04	-0.02	-1.18e-05	0.0	-6.44e-05
750	1	-9.08e-04	1.82e-03	-0.02	1.12e-04	0.0	-2.64e-05
750	2	-8.79e-04	3.74e-03	-0.06	2.12e-05	0.0	-1.39e-04
750	3	-3.40e-04	8.78e-04	-0.01	4.19e-05	0.0	-2.18e-05
750	4	-3.32e-04	1.45e-03	-0.02	1.52e-05	0.0	-5.50e-05
751	1	-9.97e-04	2.05e-03	-0.02	1.23e-04	0.0	-1.90e-05
751	2	-1.15e-03	4.96e-03	-0.06	7.32e-05	0.0	-1.05e-04
751	3	-3.96e-04	1.07e-03	-0.01	5.12e-05	0.0	-1.64e-05
751	4	-4.42e-04	1.94e-03	-0.02	3.65e-05	0.0	-4.20e-05
752	1	-1.09e-03	2.20e-03	-0.02	1.29e-04	0.0	-1.15e-05
752	2	-1.46e-03	5.82e-03	-0.06	1.07e-04	0.0	-6.52e-05
752	3	-4.55e-04	1.21e-03	-0.01	5.72e-05	0.0	-1.05e-05
752	4	-5.65e-04	2.28e-03	-0.02	5.08e-05	0.0	-2.64e-05
753	1	-1.18e-03	2.28e-03	-0.02	1.31e-04	0.0	-3.98e-06
753	2	-1.78e-03	6.26e-03	-0.06	1.21e-04	0.0	-2.11e-05
753	3	-5.18e-04	1.28e-03	-0.01	5.99e-05	0.0	-4.12e-06
753	4	-6.96e-04	2.46e-03	-0.02	5.70e-05	0.0	-9.20e-06
754	1	-1.27e-03	2.28e-03	-0.02	1.29e-04	0.0	3.60e-06
754	2	-2.11e-03	6.24e-03	-0.06	1.14e-04	0.0	2.39e-05
754	3	-5.81e-04	1.29e-03	-0.01	5.91e-05	0.0	2.36e-06
754	4	-8.30e-04	2.46e-03	-0.02	5.47e-05	0.0	8.38e-06
755	1	-1.36e-03	2.21e-03	-0.02	1.22e-04	0.0	1.11e-05
755	2	-2.44e-03	5.78e-03	-0.05	8.59e-05	0.0	6.67e-05
755	3	-6.43e-04	1.23e-03	-0.01	5.48e-05	0.0	8.66e-06
755	4	-9.63e-04	2.29e-03	-0.02	4.41e-05	0.0	2.52e-05
756	1	-1.44e-03	2.06e-03	-0.02	1.11e-04	0.0	1.83e-05
756	2	-2.75e-03	4.91e-03	-0.05	3.96e-05	0.0	1.04e-04
756	3	-7.02e-04	1.11e-03	-0.01	4.74e-05	0.0	1.45e-05
756	4	-1.09e-03	1.96e-03	-0.02	2.62e-05	0.0	3.99e-05
757	1	-1.52e-03	1.84e-03	-0.02	9.60e-05	0.0	2.52e-05
757	2	-3.03e-03	3.71e-03	-0.05	-2.11e-05	0.0	1.33e-04
757	3	-7.57e-04	9.43e-04	-9.97e-03	3.71e-05	0.0	1.95e-05
757	4	-1.20e-03	1.50e-03	-0.02	2.36e-06	0.0	5.14e-05
758	1	-1.59e-03	1.55e-03	-0.01	7.68e-05	0.0	3.16e-05
758	2	-3.27e-03	2.28e-03	-0.05	-9.05e-05	0.0	1.50e-04
758	3	-8.05e-04	7.26e-04	-9.43e-03	2.42e-05	0.0	2.34e-05
758	4	-1.30e-03	9.43e-04	-0.02	-2.53e-05	0.0	5.83e-05
759	1	-1.65e-03	1.20e-03	-0.01	5.31e-05	0.0	3.76e-05
759	2	-3.45e-03	7.59e-04	-0.05	-1.62e-04	0.0	1.51e-04
759	3	-8.46e-04	4.76e-04	-8.85e-03	9.29e-06	0.0	2.59e-05
759	4	-1.38e-03	3.46e-04	-0.02	-5.44e-05	0.0	5.97e-05
760	1	-1.70e-03	7.89e-04	-0.01	2.38e-05	0.0	4.33e-05
760	2	-3.57e-03	-6.95e-04	-0.04	-2.28e-04	0.0	1.35e-04
760	3	-8.76e-04	2.07e-04	-8.24e-03	-7.70e-06	0.0	2.70e-05
760	4	-1.43e-03	-2.32e-04	-0.02	-8.23e-05	0.0	5.42e-05
761	1	-1.74e-03	3.23e-04	-0.01	-1.23e-05	0.0	4.81e-05
761	2	-3.60e-03	-1.89e-03	-0.04	-2.82e-04	0.0	9.78e-05
761	3	-8.95e-04	-6.45e-05	-7.61e-03	-2.68e-05	0.0	2.61e-05
761	4	-1.45e-03	-7.20e-04	-0.02	-1.07e-04	0.0	4.08e-05
762	1	-1.76e-03	-1.66e-04	-9.53e-03	-4.93e-05	0.0	4.68e-05
762	2	-3.56e-03	-2.50e-03	-0.04	-2.98e-04	0.0	1.69e-05
762	3	-9.01e-04	-3.01e-04	-6.96e-03	-4.40e-05	0.0	1.94e-05
762	4	-1.43e-03	-9.94e-04	-0.02	-1.18e-04	0.0	1.05e-05
763	1	-9.50e-05	-8.78e-04	-0.02	-1.52e-04	0.0	4.89e-05
763	2	1.41e-03	-7.55e-04	-0.05	-2.99e-04	0.0	-6.57e-05
763	3	8.87e-05	-3.75e-04	-0.01	-8.32e-05	0.0	1.20e-05
763	4	5.36e-04	-3.39e-04	-0.02	-1.27e-04	0.0	-2.20e-05
764	1	-6.30e-06	-1.27e-03	-0.02	-1.94e-04	0.0	3.13e-05
764	2	2.06e-03	1.41e-04	-0.06	-1.79e-04	0.0	-1.05e-04
764	3	1.69e-04	-4.43e-04	-0.01	-8.83e-05	0.0	2.86e-06
764	4	7.82e-04	-2.40e-05	-0.02	-8.38e-05	0.0	-3.75e-05
765	1	3.91e-05	-1.52e-03	-0.02	-2.18e-04	0.0	1.89e-05
765	2	2.42e-03	1.30e-03	-0.06	-2.50e-05	0.0	-1.26e-04
765	3	2.13e-04	-4.42e-04	-0.01	-8.44e-05	0.0	-2.74e-06



765	4	9.19e-04	3.95e-04	-0.02	-2.73e-05	0.0	-4.56e-05
766	1	5.06e-05	-1.66e-03	-0.02	-2.30e-04	0.0	1.02e-05
766	2	2.55e-03	2.61e-03	-0.06	1.45e-04	0.0	-1.35e-04
766	3	2.27e-04	-3.97e-04	-0.01	-7.56e-05	0.0	-6.14e-06
766	4	9.66e-04	8.71e-04	-0.03	3.55e-05	0.0	-4.91e-05
767	1	3.50e-05	-1.73e-03	-0.02	-2.34e-04	0.0	3.50e-06
767	2	2.47e-03	3.96e-03	-0.07	3.19e-04	0.0	-1.35e-04
767	3	2.16e-04	-3.24e-04	-0.01	-6.42e-05	0.0	-8.27e-06
767	4	9.38e-04	1.36e-03	-0.03	9.95e-05	0.0	-4.92e-05
768	1	-1.77e-06	-1.74e-03	-0.02	-2.33e-04	0.0	-1.93e-06
768	2	2.23e-03	5.27e-03	-0.07	4.85e-04	0.0	-1.27e-04
768	3	1.86e-04	-2.35e-04	-0.01	-5.16e-05	0.0	-9.46e-06
768	4	8.48e-04	1.84e-03	-0.03	1.61e-04	0.0	-4.64e-05
769	1	-5.50e-05	-1.70e-03	-0.02	-2.26e-04	0.0	-6.25e-06
769	2	1.86e-03	6.47e-03	-0.07	6.36e-04	0.0	-1.12e-04
769	3	1.39e-04	-1.38e-04	-0.01	-3.86e-05	0.0	-9.87e-06
769	4	7.06e-04	2.28e-03	-0.03	2.17e-04	0.0	-4.13e-05
770	1	-1.21e-04	-1.62e-03	-0.02	-2.17e-04	0.0	-9.58e-06
770	2	1.38e-03	7.50e-03	-0.07	7.64e-04	0.0	-9.31e-05
770	3	8.04e-05	-4.00e-05	-0.01	-2.61e-05	0.0	-9.61e-06
770	4	5.25e-04	2.66e-03	-0.03	2.64e-04	0.0	-3.44e-05
771	1	-1.96e-04	-1.51e-03	-0.02	-2.04e-04	0.0	-1.20e-05
771	2	8.23e-04	8.32e-03	-0.08	8.64e-04	0.0	-6.97e-05
771	3	1.20e-05	5.22e-05	-0.01	-1.49e-05	0.0	-8.78e-06
771	4	3.14e-04	2.96e-03	-0.03	3.02e-04	0.0	-2.59e-05
772	1	-2.77e-04	-1.38e-03	-0.02	-1.91e-04	0.0	-1.37e-05
772	2	2.10e-04	8.88e-03	-0.08	9.31e-04	0.0	-4.34e-05
772	3	-6.29e-05	1.34e-04	-0.01	-5.58e-06	0.0	-7.51e-06
772	4	8.15e-05	3.18e-03	-0.03	3.27e-04	0.0	-1.63e-05
773	1	-3.62e-04	-1.24e-03	-0.02	-1.76e-04	0.0	-1.46e-05
773	2	-4.33e-04	9.18e-03	-0.07	9.63e-04	0.0	-1.50e-05
773	3	-1.42e-04	2.01e-04	-0.01	1.49e-06	0.0	-5.89e-06
773	4	-1.63e-04	3.29e-03	-0.03	3.39e-04	0.0	-6.01e-06
774	1	-4.49e-04	-1.09e-03	-0.02	-1.61e-04	0.0	-1.51e-05
774	2	-1.09e-03	9.18e-03	-0.07	9.58e-04	0.0	1.43e-05
774	3	-2.21e-04	2.51e-04	-0.01	5.92e-06	0.0	-4.03e-06
774	4	-4.10e-04	3.29e-03	-0.03	3.38e-04	0.0	4.67e-06
775	1	-5.34e-04	-9.41e-04	-0.02	-1.47e-04	0.0	-1.51e-05
775	2	-1.73e-03	8.89e-03	-0.07	9.15e-04	0.0	4.38e-05
775	3	-3.00e-04	2.81e-04	-0.01	7.48e-06	0.0	-2.04e-06
775	4	-6.53e-04	3.19e-03	-0.03	3.22e-04	0.0	1.54e-05
776	1	-6.16e-04	-7.92e-04	-0.01	-1.34e-04	0.0	-1.48e-05
776	2	-2.33e-03	8.31e-03	-0.07	8.34e-04	0.0	7.24e-05
776	3	-3.74e-04	2.91e-04	-0.01	6.08e-06	0.0	0.0
776	4	-8.83e-04	2.99e-03	-0.03	2.93e-04	0.0	2.58e-05
777	1	-6.91e-04	-6.46e-04	-0.01	-1.22e-04	0.0	-1.44e-05
777	2	-2.88e-03	7.45e-03	-0.06	7.18e-04	0.0	9.94e-05
777	3	-4.42e-04	2.81e-04	-0.01	1.73e-06	0.0	1.88e-06
777	4	-1.09e-03	2.68e-03	-0.02	2.50e-04	0.0	3.56e-05
778	1	-7.55e-04	-5.04e-04	-0.01	-1.11e-04	0.0	-1.42e-05
778	2	-3.35e-03	6.33e-03	-0.06	5.67e-04	0.0	1.24e-04
778	3	-4.99e-04	2.54e-04	-9.25e-03	-5.39e-06	0.0	3.57e-06
778	4	-1.27e-03	2.28e-03	-0.02	1.96e-04	0.0	4.44e-05
779	1	-8.03e-04	-3.61e-04	-0.01	-1.01e-04	0.0	-1.45e-05
779	2	-3.72e-03	4.98e-03	-0.05	3.87e-04	0.0	1.46e-04
779	3	-5.44e-04	2.11e-04	-8.32e-03	-1.50e-05	0.0	4.87e-06
779	4	-1.41e-03	1.80e-03	-0.02	1.29e-04	0.0	5.23e-05
780	1	-8.30e-04	-2.09e-04	-9.66e-03	-9.02e-05	0.0	-1.64e-05
780	2	-3.95e-03	3.43e-03	-0.04	1.76e-04	0.0	1.68e-04
780	3	-5.70e-04	1.59e-04	-7.33e-03	-2.64e-05	0.0	5.60e-06
780	4	-1.50e-03	1.24e-03	-0.02	5.24e-05	0.0	6.01e-05
781	1	-8.27e-04	-2.60e-05	-8.26e-03	-7.61e-05	0.0	-2.10e-05
781	2	-4.01e-03	1.64e-03	-0.04	-7.27e-05	0.0	1.88e-04
781	3	-5.74e-04	1.03e-04	-6.31e-03	-3.91e-05	0.0	5.07e-06
781	4	-1.52e-03	5.98e-04	-0.01	-3.81e-05	0.0	6.69e-05
782	1	-1.12e-03	-1.42e-03	-0.02	-2.13e-04	0.0	1.30e-04
782	2	2.71e-03	-9.46e-04	-0.05	-3.26e-04	0.0	-1.99e-05
782	3	-1.19e-04	-5.43e-04	-9.51e-03	-1.02e-04	0.0	3.93e-05
782	4	1.02e-03	-4.03e-04	-0.02	-1.36e-04	0.0	-5.28e-06
783	1	-8.56e-04	-2.53e-03	-0.01	-3.50e-04	0.0	9.41e-05
783	2	3.72e-03	-5.34e-04	-0.05	-2.65e-04	0.0	-5.18e-05
783	3	3.78e-05	-8.55e-04	-9.38e-03	-1.39e-04	0.0	2.53e-05
783	4	1.39e-03	-2.65e-04	-0.02	-1.14e-04	0.0	-1.79e-05
784	1	-6.34e-04	-3.33e-03	-0.01	-4.44e-04	0.0	6.86e-05
784	2	4.31e-03	5.92e-05	-0.06	-1.79e-04	0.0	-6.54e-05
784	3	1.50e-04	-1.06e-03	-9.45e-03	-1.61e-04	0.0	1.65e-05
784	4	1.61e-03	-5.66e-05	-0.02	-8.27e-05	0.0	-2.32e-05



785	1	-4.51e-04	-3.92e-03	-0.01	-5.12e-04	0.0	4.98e-05
785	2	4.53e-03	7.44e-04	-0.06	-8.26e-05	0.0	-7.16e-05
785	3	2.22e-04	-1.19e-03	-9.64e-03	-1.75e-04	0.0	1.04e-05
785	4	1.70e-03	1.87e-04	-0.02	-4.76e-05	0.0	-2.55e-05
786	1	-3.04e-04	-4.33e-03	-0.01	-5.60e-04	0.0	3.35e-05
786	2	4.44e-03	1.47e-03	-0.07	1.56e-05	0.0	-7.30e-05
786	3	2.58e-04	-1.27e-03	-9.92e-03	-1.82e-04	0.0	5.40e-06
786	4	1.66e-03	4.45e-04	-0.03	-1.17e-05	0.0	-2.62e-05
787	1	-1.93e-04	-4.59e-03	-0.01	-5.90e-04	0.0	1.87e-05
787	2	4.07e-03	2.19e-03	-0.08	1.11e-04	0.0	-7.04e-05
787	3	2.63e-04	-1.31e-03	-0.01	-1.84e-04	0.0	1.07e-06
787	4	1.53e-03	7.03e-04	-0.03	2.31e-05	0.0	-2.53e-05
788	1	-1.13e-04	-4.71e-03	-0.01	-6.03e-04	0.0	5.46e-06
788	2	3.48e-03	2.86e-03	-0.08	1.98e-04	0.0	-6.42e-05
788	3	2.40e-04	-1.30e-03	-0.01	-1.82e-04	0.0	-2.57e-06
788	4	1.31e-03	9.47e-04	-0.03	5.50e-05	0.0	-2.32e-05
789	1	-6.27e-05	-4.71e-03	-0.01	-6.03e-04	0.0	-6.21e-06
789	2	2.70e-03	3.46e-03	-0.08	2.73e-04	0.0	-5.47e-05
789	3	1.94e-04	-1.26e-03	-0.01	-1.77e-04	0.0	-5.54e-06
789	4	1.01e-03	1.16e-03	-0.03	8.27e-05	0.0	-1.99e-05
790	1	-3.96e-05	-4.60e-03	-0.01	-5.90e-04	0.0	-1.63e-05
790	2	1.78e-03	3.95e-03	-0.09	3.33e-04	0.0	-4.26e-05
790	3	1.29e-04	-1.19e-03	-0.01	-1.69e-04	0.0	-7.86e-06
790	4	6.68e-04	1.34e-03	-0.03	1.05e-04	0.0	-1.57e-05
791	1	-4.06e-05	-4.39e-03	-0.01	-5.66e-04	0.0	-2.49e-05
791	2	7.50e-04	4.30e-03	-0.09	3.75e-04	0.0	-2.85e-05
791	3	4.84e-05	-1.10e-03	-0.01	-1.58e-04	0.0	-9.60e-06
791	4	2.83e-04	1.47e-03	-0.03	1.20e-04	0.0	-1.07e-05
792	1	-6.23e-05	-4.10e-03	-0.01	-5.33e-04	0.0	-3.20e-05
792	2	-3.43e-04	4.51e-03	-0.09	3.97e-04	0.0	-1.30e-05
792	3	-4.36e-05	-1.00e-03	-0.01	-1.47e-04	0.0	-1.08e-05
792	4	-1.27e-04	1.55e-03	-0.03	1.29e-04	0.0	-5.19e-06
793	1	-1.01e-04	-3.75e-03	-9.82e-03	-4.93e-04	0.0	-3.78e-05
793	2	-1.46e-03	4.56e-03	-0.09	3.98e-04	0.0	3.14e-06
793	3	-1.43e-04	-8.87e-04	-0.01	-1.34e-04	0.0	-1.16e-05
793	4	-5.46e-04	1.58e-03	-0.03	1.29e-04	0.0	0.0
794	1	-1.53e-04	-3.35e-03	-9.57e-03	-4.47e-04	0.0	-4.24e-05
794	2	-2.57e-03	4.45e-03	-0.08	3.77e-04	0.0	1.92e-05
794	3	-2.45e-04	-7.69e-04	-0.01	-1.22e-04	0.0	-1.20e-05
794	4	-9.60e-04	1.54e-03	-0.03	1.22e-04	0.0	6.23e-06
795	1	-2.12e-04	-2.91e-03	-9.23e-03	-3.96e-04	0.0	-4.60e-05
795	2	-3.62e-03	4.18e-03	-0.08	3.34e-04	0.0	3.45e-05
795	3	-3.45e-04	-6.48e-04	-9.77e-03	-1.09e-04	0.0	-1.22e-05
795	4	-1.36e-03	1.45e-03	-0.03	1.07e-04	0.0	1.16e-05
796	1	-2.75e-04	-2.44e-03	-8.80e-03	-3.43e-04	0.0	-4.87e-05
796	2	-4.59e-03	3.76e-03	-0.07	2.72e-04	0.0	4.83e-05
796	3	-4.39e-04	-5.26e-04	-9.11e-03	-9.71e-05	0.0	-1.22e-05
796	4	-1.72e-03	1.31e-03	-0.03	8.52e-05	0.0	1.65e-05
797	1	-3.36e-04	-1.94e-03	-8.27e-03	-2.88e-04	0.0	-5.06e-05
797	2	-5.42e-03	3.22e-03	-0.06	1.92e-04	0.0	6.01e-05
797	3	-5.22e-04	-4.05e-04	-8.31e-03	-8.57e-05	0.0	-1.21e-05
797	4	-2.03e-03	1.12e-03	-0.02	5.65e-05	0.0	2.07e-05
798	1	-3.88e-04	-1.43e-03	-7.65e-03	-2.31e-04	0.0	-5.23e-05
798	2	-6.07e-03	2.57e-03	-0.05	9.66e-05	0.0	7.00e-05
798	3	-5.88e-04	-2.84e-04	-7.40e-03	-7.48e-05	0.0	-1.21e-05
798	4	-2.27e-03	9.00e-04	-0.02	2.22e-05	0.0	2.42e-05
799	1	-4.25e-04	-8.92e-04	-6.96e-03	-1.72e-04	0.0	-5.58e-05
799	2	-6.51e-03	1.82e-03	-0.05	-1.35e-05	0.0	7.97e-05
799	3	-6.33e-04	-1.62e-04	-6.41e-03	-6.41e-05	0.0	-1.27e-05
799	4	-2.44e-03	6.43e-04	-0.02	-1.72e-05	0.0	2.75e-05
800	1	-4.39e-04	-3.04e-04	-6.22e-03	-1.04e-04	0.0	-6.35e-05
800	2	-6.68e-03	9.71e-04	-0.03	-1.42e-04	0.0	8.62e-05
800	3	-6.51e-04	-2.75e-05	-5.36e-03	-5.16e-05	0.0	-1.52e-05
800	4	-2.50e-03	3.50e-04	-0.01	-6.29e-05	0.0	2.92e-05
801	1	-3.62e-03	-1.94e-03	-9.62e-03	-2.74e-04	0.0	2.14e-04
801	2	3.49e-03	-1.04e-03	-0.04	-3.39e-04	0.0	2.12e-05
801	3	-8.04e-04	-6.96e-04	-6.83e-03	-1.20e-04	0.0	6.67e-05
801	4	1.30e-03	-4.30e-04	-0.02	-1.39e-04	0.0	9.77e-06
802	1	-2.87e-03	-3.71e-03	-5.09e-03	-4.99e-04	0.0	1.45e-04
802	2	4.60e-03	-1.04e-03	-0.05	-3.27e-04	0.0	-9.86e-06
802	3	-4.96e-04	-1.23e-03	-5.92e-03	-1.86e-04	0.0	4.34e-05
802	4	1.72e-03	-4.41e-04	-0.02	-1.35e-04	0.0	-2.60e-06
803	1	-2.19e-03	-4.90e-03	-1.60e-03	-6.44e-04	0.0	9.79e-05
803	2	5.24e-03	-8.77e-04	-0.05	-2.91e-04	0.0	-2.01e-05
803	3	-2.46e-04	-1.58e-03	-5.41e-03	-2.27e-04	0.0	2.83e-05
803	4	1.95e-03	-3.92e-04	-0.02	-1.22e-04	0.0	-6.66e-06
804	1	-1.59e-03	-5.71e-03	9.83e-04	-7.39e-04	0.0	6.48e-05



804	2	5.48e-03	-6.59e-04	-0.06	-2.50e-04	0.0	-2.39e-05
804	3	-5.06e-05	-1.82e-03	-5.21e-03	-2.52e-04	0.0	1.81e-05
804	4	2.04e-03	-3.19e-04	-0.02	-1.07e-04	0.0	-8.14e-06
805	1	-1.07e-03	-6.22e-03	2.77e-03	-7.99e-04	0.0	3.84e-05
805	2	5.35e-03	-4.14e-04	-0.07	-2.08e-04	0.0	-2.54e-05
805	3	9.45e-05	-1.96e-03	-5.24e-03	-2.67e-04	0.0	1.01e-05
805	4	2.00e-03	-2.35e-04	-0.03	-9.19e-05	0.0	-8.78e-06
806	1	-6.25e-04	-6.49e-03	3.89e-03	-8.30e-04	0.0	1.65e-05
806	2	4.92e-03	-1.61e-04	-0.07	-1.68e-04	0.0	-2.54e-05
806	3	1.93e-04	-2.02e-03	-5.44e-03	-2.73e-04	0.0	3.52e-06
806	4	1.84e-03	-1.46e-04	-0.03	-7.73e-05	0.0	-8.91e-06
807	1	-2.52e-04	-6.57e-03	4.43e-03	-8.37e-04	0.0	-1.77e-06
807	2	4.22e-03	8.81e-05	-0.08	-1.32e-04	0.0	-2.43e-05
807	3	2.51e-04	-2.03e-03	-5.74e-03	-2.73e-04	0.0	-1.95e-06
807	4	1.58e-03	-5.87e-05	-0.03	-6.40e-05	0.0	-8.63e-06
808	1	5.07e-05	-6.47e-03	4.52e-03	-8.24e-04	0.0	-1.69e-05
808	2	3.31e-03	3.21e-04	-0.09	-9.98e-05	0.0	-2.21e-05
808	3	2.70e-04	-1.99e-03	-6.09e-03	-2.67e-04	0.0	-6.42e-06
808	4	1.24e-03	2.44e-05	-0.03	-5.23e-05	0.0	-7.97e-06
809	1	2.89e-04	-6.24e-03	4.24e-03	-7.96e-04	0.0	-2.93e-05
809	2	2.22e-03	5.27e-04	-0.09	-7.35e-05	0.0	-1.91e-05
809	3	2.58e-04	-1.90e-03	-6.43e-03	-2.56e-04	0.0	-1.00e-05
809	4	8.30e-04	9.94e-05	-0.03	-4.25e-05	0.0	-7.01e-06
810	1	4.67e-04	-5.89e-03	3.69e-03	-7.54e-04	0.0	-3.93e-05
810	2	1.01e-03	6.99e-04	-0.09	-5.34e-05	0.0	-1.53e-05
810	3	2.18e-04	-1.79e-03	-6.73e-03	-2.43e-04	0.0	-1.29e-05
810	4	3.78e-04	1.64e-04	-0.03	-3.49e-05	0.0	-5.81e-06
811	1	5.92e-04	-5.46e-03	2.95e-03	-7.02e-04	0.0	-4.73e-05
811	2	-2.82e-04	8.31e-04	-0.09	-4.03e-05	0.0	-1.11e-05
811	3	1.56e-04	-1.65e-03	-6.94e-03	-2.26e-04	0.0	-1.52e-05
811	4	-1.03e-04	2.15e-04	-0.03	-2.99e-05	0.0	-4.44e-06
812	1	6.70e-04	-4.96e-03	2.08e-03	-6.42e-04	0.0	-5.35e-05
812	2	-1.61e-03	9.20e-04	-0.09	-3.45e-05	0.0	-6.67e-06
812	3	7.79e-05	-1.49e-03	-7.04e-03	-2.07e-04	0.0	-1.69e-05
812	4	-5.96e-04	2.52e-04	-0.03	-2.74e-05	0.0	-2.99e-06
813	1	7.08e-04	-4.40e-03	1.16e-03	-5.76e-04	0.0	-5.82e-05
813	2	-2.92e-03	9.63e-04	-0.09	-3.63e-05	0.0	-2.21e-06
813	3	-1.12e-05	-1.31e-03	-7.02e-03	-1.87e-04	0.0	-1.81e-05
813	4	-1.09e-03	2.74e-04	-0.03	-2.76e-05	0.0	-1.53e-06
814	1	7.14e-04	-3.80e-03	2.21e-04	-5.05e-04	0.0	-6.17e-05
814	2	-4.17e-03	9.64e-04	-0.08	-4.56e-05	0.0	2.08e-06
814	3	-1.05e-04	-1.13e-03	-6.86e-03	-1.67e-04	0.0	-1.90e-05
814	4	-1.55e-03	2.82e-04	-0.03	-3.05e-05	0.0	0.0
815	1	6.95e-04	-3.17e-03	-6.87e-04	-4.32e-04	0.0	-6.41e-05
815	2	-5.31e-03	9.23e-04	-0.07	-6.22e-05	0.0	6.01e-06
815	3	-1.99e-04	-9.35e-04	-6.55e-03	-1.46e-04	0.0	-1.96e-05
815	4	-1.98e-03	2.77e-04	-0.03	-3.61e-05	0.0	1.14e-06
816	1	6.58e-04	-2.52e-03	-1.54e-03	-3.56e-04	0.0	-6.58e-05
816	2	-6.31e-03	8.46e-04	-0.06	-8.57e-05	0.0	9.43e-06
816	3	-2.86e-04	-7.36e-04	-6.11e-03	-1.24e-04	0.0	-2.00e-05
816	4	-2.35e-03	2.60e-04	-0.02	-4.41e-05	0.0	2.25e-06
817	1	6.12e-04	-1.85e-03	-2.31e-03	-2.80e-04	0.0	-6.73e-05
817	2	-7.10e-03	7.39e-04	-0.05	-1.15e-04	0.0	1.21e-05
817	3	-3.61e-04	-5.34e-04	-5.54e-03	-1.03e-04	0.0	-2.05e-05
817	4	-2.65e-03	2.34e-04	-0.02	-5.43e-05	0.0	3.07e-06
818	1	5.65e-04	-1.17e-03	-3.01e-03	-2.01e-04	0.0	-7.14e-05
818	2	-7.65e-03	6.10e-04	-0.04	-1.50e-04	0.0	1.32e-05
818	3	-4.17e-04	-3.25e-04	-4.87e-03	-8.12e-05	0.0	-2.19e-05
818	4	-2.85e-03	2.02e-04	-0.02	-6.62e-05	0.0	3.21e-06
819	1	5.23e-04	-4.16e-04	-3.62e-03	-1.10e-04	0.0	-8.07e-05
819	2	-7.90e-03	4.79e-04	-0.03	-1.86e-04	0.0	7.00e-06
819	3	-4.49e-04	-9.28e-05	-4.13e-03	-5.54e-05	0.0	-2.57e-05
819	4	-2.94e-03	1.72e-04	-0.01	-7.79e-05	0.0	0.0
820	1	-6.81e-03	-1.53e-03	-2.43e-03	-2.39e-04	0.0	1.76e-04
820	2	3.89e-03	-1.00e-03	-0.03	-3.30e-04	0.0	4.90e-05
820	3	-1.72e-03	-5.65e-04	-3.87e-03	-1.06e-04	0.0	5.75e-05
820	4	1.45e-03	-4.08e-04	-0.01	-1.33e-04	0.0	1.99e-05
821	1	-5.22e-03	-2.94e-03	5.45e-03	-4.15e-04	0.0	1.11e-04
821	2	5.00e-03	-1.25e-03	-0.04	-3.48e-04	0.0	1.42e-05
821	3	-1.17e-03	-1.01e-03	-2.01e-03	-1.61e-04	0.0	3.48e-05
821	4	1.86e-03	-5.11e-04	-0.02	-1.41e-04	0.0	6.16e-06
822	1	-3.85e-03	-3.82e-03	0.01	-5.18e-04	0.0	6.87e-05
822	2	5.63e-03	-1.33e-03	-0.05	-3.38e-04	0.0	3.13e-06
822	3	-7.11e-04	-1.28e-03	-8.37e-04	-1.91e-04	0.0	2.12e-05
822	4	2.10e-03	-5.47e-04	-0.02	-1.38e-04	0.0	1.78e-06
823	1	-2.68e-03	-4.36e-03	0.02	-5.79e-04	0.0	4.09e-05
823	2	5.85e-03	-1.34e-03	-0.05	-3.22e-04	0.0	0.0



823	3	-3.47e-04	-1.45e-03	-2.14e-04	-2.08e-04	0.0	1.25e-05
823	4	2.18e-03	-5.58e-04	-0.02	-1.32e-04	0.0	0.0
824	1	-1.69e-03	-4.66e-03	0.02	-6.10e-04	0.0	2.01e-05
824	2	5.70e-03	-1.32e-03	-0.06	-3.05e-04	0.0	-3.44e-06
824	3	-6.39e-05	-1.54e-03	-2.06e-05	-2.16e-04	0.0	6.12e-06
824	4	2.12e-03	-5.55e-04	-0.02	-1.26e-04	0.0	0.0
825	1	-8.57e-04	-4.78e-03	0.02	-6.20e-04	0.0	3.97e-06
825	2	5.24e-03	-1.28e-03	-0.07	-2.90e-04	0.0	-5.37e-06
825	3	1.46e-04	-1.58e-03	-1.49e-04	-2.18e-04	0.0	1.10e-06
825	4	1.95e-03	-5.43e-04	-0.03	-1.20e-04	0.0	-1.67e-06
826	1	-1.76e-04	-4.75e-03	0.02	-6.14e-04	0.0	-8.58e-06
826	2	4.50e-03	-1.22e-03	-0.08	-2.74e-04	0.0	-6.93e-06
826	3	2.92e-04	-1.57e-03	-5.03e-04	-2.15e-04	0.0	-2.84e-06
826	4	1.68e-03	-5.23e-04	-0.03	-1.14e-04	0.0	-2.35e-06
827	1	3.72e-04	-4.62e-03	0.02	-5.95e-04	0.0	-1.83e-05
827	2	3.54e-03	-1.14e-03	-0.08	-2.60e-04	0.0	-8.16e-06
827	3	3.82e-04	-1.53e-03	-1.00e-03	-2.08e-04	0.0	-5.94e-06
827	4	1.32e-03	-4.97e-04	-0.03	-1.09e-04	0.0	-2.93e-06
828	1	8.03e-04	-4.39e-03	0.02	-5.66e-04	0.0	-2.58e-05
828	2	2.40e-03	-1.06e-03	-0.09	-2.48e-04	0.0	-9.12e-06
828	3	4.23e-04	-1.45e-03	-1.57e-03	-1.98e-04	0.0	-8.35e-06
828	4	8.95e-04	-4.65e-04	-0.03	-1.04e-04	0.0	-3.41e-06
829	1	1.13e-03	-4.11e-03	0.02	-5.31e-04	0.0	-3.15e-05
829	2	1.13e-03	-9.61e-04	-0.09	-2.36e-04	0.0	-9.86e-06
829	3	4.24e-04	-1.36e-03	-2.15e-03	-1.87e-04	0.0	-1.02e-05
829	4	4.23e-04	-4.29e-04	-0.03	-9.95e-05	0.0	-3.82e-06
830	1	1.37e-03	-3.77e-03	0.02	-4.90e-04	0.0	-3.58e-05
830	2	-2.24e-04	-8.60e-04	-0.09	-2.26e-04	0.0	-1.05e-05
830	3	3.92e-04	-1.25e-03	-2.69e-03	-1.74e-04	0.0	-1.17e-05
830	4	-8.03e-05	-3.89e-04	-0.03	-9.55e-05	0.0	-4.17e-06
831	1	1.53e-03	-3.40e-03	0.01	-4.45e-04	0.0	-3.90e-05
831	2	-1.61e-03	-7.53e-04	-0.09	-2.18e-04	0.0	-1.10e-05
831	3	3.35e-04	-1.13e-03	-3.15e-03	-1.60e-04	0.0	-1.28e-05
831	4	-5.96e-04	-3.46e-04	-0.03	-9.21e-05	0.0	-4.49e-06
832	1	1.63e-03	-2.99e-03	0.01	-3.98e-04	0.0	-4.13e-05
832	2	-2.98e-03	-6.41e-04	-0.08	-2.11e-04	0.0	-1.14e-05
832	3	2.59e-04	-9.97e-04	-3.51e-03	-1.45e-04	0.0	-1.37e-05
832	4	-1.11e-03	-3.00e-04	-0.03	-8.93e-05	0.0	-4.80e-06
833	1	1.68e-03	-2.57e-03	9.25e-03	-3.49e-04	0.0	-4.30e-05
833	2	-4.30e-03	-5.25e-04	-0.08	-2.06e-04	0.0	-1.19e-05
833	3	1.73e-04	-8.57e-04	-3.73e-03	-1.29e-04	0.0	-1.43e-05
833	4	-1.60e-03	-2.50e-04	-0.03	-8.71e-05	0.0	-5.11e-06
834	1	1.68e-03	-2.14e-03	7.01e-03	-2.99e-04	0.0	-4.41e-05
834	2	-5.51e-03	-4.04e-04	-0.07	-2.03e-04	0.0	-1.24e-05
834	3	8.20e-05	-7.11e-04	-3.82e-03	-1.14e-04	0.0	-1.48e-05
834	4	-2.05e-03	-1.97e-04	-0.03	-8.56e-05	0.0	-5.44e-06
835	1	1.65e-03	-1.69e-03	4.82e-03	-2.48e-04	0.0	-4.48e-05
835	2	-6.56e-03	-2.75e-04	-0.06	-2.02e-04	0.0	-1.31e-05
835	3	-6.40e-06	-5.61e-04	-3.78e-03	-9.86e-05	0.0	-1.52e-05
835	4	-2.44e-03	-1.41e-04	-0.02	-8.48e-05	0.0	-5.82e-06
836	1	1.60e-03	-1.24e-03	2.70e-03	-1.98e-04	0.0	-4.58e-05
836	2	-7.41e-03	-1.37e-04	-0.05	-2.03e-04	0.0	-1.44e-05
836	3	-8.59e-05	-4.07e-04	-3.60e-03	-8.31e-05	0.0	-1.57e-05
836	4	-2.76e-03	-7.93e-05	-0.02	-8.46e-05	0.0	-6.44e-06
837	1	1.54e-03	-7.73e-04	6.80e-04	-1.45e-04	0.0	-4.88e-05
837	2	-8.01e-03	2.42e-05	-0.04	-2.03e-04	0.0	-1.86e-05
837	3	-1.50e-04	-2.44e-04	-3.31e-03	-6.68e-05	0.0	-1.72e-05
837	4	-2.98e-03	-7.76e-06	-0.02	-8.41e-05	0.0	-8.23e-06
838	1	1.47e-03	-2.56e-04	-1.23e-03	-8.32e-05	0.0	-5.61e-05
838	2	-8.31e-03	2.50e-04	-0.03	-1.94e-04	0.0	-3.29e-05
838	3	-1.93e-04	-5.86e-05	-2.93e-03	-4.69e-05	0.0	-2.10e-05
838	4	-3.09e-03	9.14e-05	-0.01	-7.98e-05	0.0	-1.41e-05
839	1	-7.78e-03	5.40e-06	1.87e-03	-7.98e-05	0.0	-1.52e-05
839	2	4.07e-03	-8.92e-04	-0.03	-3.03e-04	0.0	6.79e-05
839	3	-1.99e-03	-9.33e-05	-1.82e-03	-5.53e-05	0.0	2.14e-06
839	4	1.52e-03	-3.59e-04	-9.84e-03	-1.22e-04	0.0	2.68e-05
840	1	-5.89e-03	2.01e-04	0.01	-4.33e-05	0.0	-1.79e-05
840	2	5.16e-03	-1.30e-03	-0.03	-3.40e-04	0.0	2.84e-05
840	3	-1.35e-03	-7.62e-05	2.97e-04	-4.81e-05	0.0	-2.42e-06
840	4	1.92e-03	-5.21e-04	-0.01	-1.36e-04	0.0	1.13e-05
841	1	-4.28e-03	3.50e-04	0.02	-1.15e-05	0.0	-1.20e-05
841	2	5.79e-03	-1.51e-03	-0.04	-3.44e-04	0.0	1.50e-05
841	3	-8.27e-04	-5.36e-05	1.64e-03	-3.93e-05	0.0	-1.92e-06
841	4	2.16e-03	-6.03e-04	-0.02	-1.38e-04	0.0	6.07e-06
842	1	-2.92e-03	4.35e-04	0.02	1.07e-05	0.0	-5.95e-06
842	2	6.00e-03	-1.63e-03	-0.05	-3.40e-04	0.0	9.65e-06
842	3	-4.08e-04	-4.21e-05	2.35e-03	-3.24e-05	0.0	0.0



842	4	2.24e-03	-6.55e-04	-0.02	-1.36e-04	0.0	3.98e-06
843	1	-1.78e-03	4.69e-04	0.02	2.40e-05	0.0	-1.41e-06
843	2	5.85e-03	-1.71e-03	-0.06	-3.34e-04	0.0	6.00e-06
843	3	-8.21e-05	-4.17e-05	2.57e-03	-2.80e-05	0.0	0.0
843	4	2.18e-03	-6.88e-04	-0.02	-1.34e-04	0.0	2.54e-06
844	1	-8.40e-04	4.66e-04	0.03	3.05e-05	0.0	1.72e-06
844	2	5.37e-03	-1.76e-03	-0.06	-3.28e-04	0.0	2.82e-06
844	3	1.61e-04	-4.88e-05	2.42e-03	-2.55e-05	0.0	0.0
844	4	2.00e-03	-7.08e-04	-0.02	-1.32e-04	0.0	1.28e-06
845	1	-7.22e-05	4.38e-04	0.03	3.20e-05	0.0	3.74e-06
845	2	4.63e-03	-1.77e-03	-0.07	-3.21e-04	0.0	0.0
845	3	3.32e-04	-6.01e-05	2.01e-03	-2.45e-05	0.0	1.24e-06
845	4	1.72e-03	-7.15e-04	-0.03	-1.29e-04	0.0	0.0
846	1	5.42e-04	3.94e-04	0.03	3.00e-05	0.0	4.91e-06
846	2	3.65e-03	-1.76e-03	-0.08	-3.13e-04	0.0	-2.83e-06
846	3	4.40e-04	-7.29e-05	1.44e-03	-2.44e-05	0.0	1.29e-06
846	4	1.36e-03	-7.10e-04	-0.03	-1.26e-04	0.0	-1.00e-06
847	1	1.02e-03	3.42e-04	0.02	2.55e-05	0.0	5.43e-06
847	2	2.50e-03	-1.72e-03	-0.08	-3.04e-04	0.0	-5.38e-06
847	3	4.95e-04	-8.53e-05	7.63e-04	-2.50e-05	0.0	1.16e-06
847	4	9.32e-04	-6.95e-04	-0.03	-1.23e-04	0.0	-2.04e-06
848	1	1.39e-03	2.87e-04	0.02	1.96e-05	0.0	5.48e-06
848	2	1.21e-03	-1.65e-03	-0.08	-2.96e-04	0.0	-7.80e-06
848	3	5.06e-04	-9.56e-05	6.37e-05	-2.59e-05	0.0	0.0
848	4	4.54e-04	-6.70e-04	-0.03	-1.19e-04	0.0	-3.04e-06
849	1	1.65e-03	2.33e-04	0.02	1.27e-05	0.0	5.19e-06
849	2	-1.56e-04	-1.56e-03	-0.08	-2.86e-04	0.0	-1.01e-05
849	3	4.82e-04	-1.03e-04	-6.09e-04	-2.70e-05	0.0	0.0
849	4	-5.46e-05	-6.34e-04	-0.03	-1.16e-04	0.0	-4.01e-06
850	1	1.84e-03	1.84e-04	0.02	5.39e-06	0.0	4.66e-06
850	2	-1.56e-03	-1.45e-03	-0.08	-2.76e-04	0.0	-1.24e-05
850	3	4.29e-04	-1.06e-04	-1.21e-03	-2.82e-05	0.0	0.0
850	4	-5.77e-04	-5.90e-04	-0.03	-1.12e-04	0.0	-4.96e-06
851	1	1.95e-03	1.41e-04	0.02	-1.99e-06	0.0	3.97e-06
851	2	-2.95e-03	-1.31e-03	-0.08	-2.66e-04	0.0	-1.47e-05
851	3	3.57e-04	-1.05e-04	-1.71e-03	-2.94e-05	0.0	0.0
851	4	-1.10e-03	-5.36e-04	-0.03	-1.08e-04	0.0	-5.91e-06
852	1	2.00e-03	1.05e-04	0.01	-9.21e-06	0.0	3.16e-06
852	2	-4.29e-03	-1.15e-03	-0.07	-2.55e-04	0.0	-1.70e-05
852	3	2.72e-04	-9.86e-05	-2.09e-03	-3.05e-05	0.0	0.0
852	4	-1.59e-03	-4.72e-04	-0.03	-1.03e-04	0.0	-6.87e-06
853	1	2.01e-03	7.73e-05	0.01	-1.61e-05	0.0	2.29e-06
853	2	-5.52e-03	-9.73e-04	-0.07	-2.45e-04	0.0	-1.94e-05
853	3	1.81e-04	-8.70e-05	-2.34e-03	-3.15e-05	0.0	-1.43e-06
853	4	-2.05e-03	-3.98e-04	-0.02	-9.92e-05	0.0	-7.86e-06
854	1	1.99e-03	5.90e-05	7.61e-03	-2.26e-05	0.0	1.39e-06
854	2	-6.59e-03	-7.65e-04	-0.06	-2.34e-04	0.0	-2.20e-05
854	3	9.20e-05	-6.98e-05	-2.44e-03	-3.23e-05	0.0	-1.99e-06
854	4	-2.45e-03	-3.14e-04	-0.02	-9.51e-05	0.0	-8.92e-06
855	1	1.94e-03	5.02e-05	5.03e-03	-2.86e-05	0.0	0.0
855	2	-7.47e-03	-5.28e-04	-0.05	-2.24e-04	0.0	-2.54e-05
855	3	1.08e-05	-4.65e-05	-2.42e-03	-3.30e-05	0.0	-2.65e-06
855	4	-2.78e-03	-2.18e-04	-0.02	-9.08e-05	0.0	-1.03e-05
856	1	1.87e-03	5.31e-05	2.55e-03	-3.35e-05	0.0	-1.07e-06
856	2	-8.09e-03	-2.44e-04	-0.04	-2.10e-04	0.0	-3.25e-05
856	3	-5.61e-05	-1.48e-05	-2.28e-03	-3.29e-05	0.0	-3.85e-06
856	4	-3.01e-03	-1.03e-04	-0.01	-8.53e-05	0.0	-1.32e-05
857	1	1.80e-03	7.58e-05	1.83e-04	-3.58e-05	0.0	-4.25e-06
857	2	-8.41e-03	1.45e-04	-0.02	-1.83e-04	0.0	-5.14e-05
857	3	-1.02e-04	3.39e-05	-2.04e-03	-3.06e-05	0.0	-6.75e-06
857	4	-3.13e-03	5.44e-05	-8.98e-03	-7.42e-05	0.0	-2.07e-05
858	1	-5.30e-03	1.11e-03	1.45e-03	4.02e-05	0.0	-1.51e-04
858	2	4.04e-03	-8.01e-04	-0.02	-2.68e-04	0.0	8.75e-05
858	3	-1.26e-03	2.49e-04	-1.25e-03	-1.52e-05	0.0	-3.67e-05
858	4	1.50e-03	-3.19e-04	-7.12e-03	-1.07e-04	0.0	3.40e-05
859	1	-4.11e-03	2.46e-03	7.75e-03	2.29e-04	0.0	-1.12e-04
859	2	5.15e-03	-1.39e-03	-0.02	-3.27e-04	0.0	4.45e-05
859	3	-8.26e-04	5.95e-04	1.23e-04	3.55e-05	0.0	-2.92e-05
859	4	1.92e-03	-5.46e-04	-9.55e-03	-1.29e-04	0.0	1.72e-05
860	1	-3.06e-03	3.38e-03	0.01	3.61e-04	0.0	-7.38e-05
860	2	5.79e-03	-1.74e-03	-0.03	-3.50e-04	0.0	2.94e-05
860	3	-4.66e-04	8.34e-04	9.53e-04	7.25e-05	0.0	-1.92e-05
860	4	2.16e-03	-6.84e-04	-0.01	-1.38e-04	0.0	1.14e-05
861	1	-2.14e-03	3.96e-03	0.02	4.47e-04	0.0	-4.48e-05
861	2	6.02e-03	-2.01e-03	-0.04	-3.63e-04	0.0	2.31e-05
861	3	-1.77e-04	9.83e-04	1.34e-03	9.70e-05	0.0	-1.12e-05
861	4	2.24e-03	-7.86e-04	-0.02	-1.43e-04	0.0	8.92e-06



862	1	-1.35e-03	4.29e-03	0.02	4.99e-04	0.0	-2.24e-05
862	2	5.87e-03	-2.22e-03	-0.05	-3.73e-04	0.0	1.83e-05
862	3	4.73e-05	1.06e-03	1.38e-03	1.12e-04	0.0	-4.98e-06
862	4	2.19e-03	-8.67e-04	-0.02	-1.47e-04	0.0	7.06e-06
863	1	-6.74e-04	4.42e-03	0.02	5.24e-04	0.0	-5.00e-06
863	2	5.41e-03	-2.38e-03	-0.06	-3.81e-04	0.0	1.37e-05
863	3	2.12e-04	1.09e-03	1.17e-03	1.18e-04	0.0	0.0
863	4	2.01e-03	-9.30e-04	-0.02	-1.50e-04	0.0	5.28e-06
864	1	-1.10e-04	4.40e-03	0.02	5.27e-04	0.0	8.37e-06
864	2	4.67e-03	-2.49e-03	-0.06	-3.86e-04	0.0	9.09e-06
864	3	3.24e-04	1.07e-03	7.67e-04	1.19e-04	0.0	3.29e-06
864	4	1.74e-03	-9.74e-04	-0.02	-1.51e-04	0.0	3.51e-06
865	1	3.52e-04	4.27e-03	0.02	5.14e-04	0.0	1.85e-05
865	2	3.71e-03	-2.56e-03	-0.07	-3.87e-04	0.0	4.50e-06
865	3	3.88e-04	1.02e-03	2.54e-04	1.15e-04	0.0	5.87e-06
865	4	1.38e-03	-1.00e-03	-0.03	-1.52e-04	0.0	1.73e-06
866	1	7.20e-04	4.04e-03	0.02	4.89e-04	0.0	2.60e-05
866	2	2.56e-03	-2.58e-03	-0.07	-3.86e-04	0.0	0.0
866	3	4.10e-04	9.56e-04	-3.11e-04	1.08e-04	0.0	7.68e-06
866	4	9.56e-04	-1.01e-03	-0.03	-1.51e-04	0.0	0.0
867	1	1.00e-03	3.76e-03	0.02	4.55e-04	0.0	3.14e-05
867	2	1.28e-03	-2.56e-03	-0.08	-3.82e-04	0.0	-4.73e-06
867	3	3.98e-04	8.73e-04	-8.74e-04	9.82e-05	0.0	8.85e-06
867	4	4.81e-04	-9.99e-04	-0.03	-1.50e-04	0.0	-1.86e-06
868	1	1.21e-03	3.42e-03	0.02	4.14e-04	0.0	3.52e-05
868	2	-7.92e-05	-2.49e-03	-0.08	-3.74e-04	0.0	-9.40e-06
868	3	3.57e-04	7.80e-04	-1.39e-03	8.67e-05	0.0	9.52e-06
868	4	-2.58e-05	-9.71e-04	-0.03	-1.47e-04	0.0	-3.68e-06
869	1	1.36e-03	3.06e-03	0.01	3.68e-04	0.0	3.76e-05
869	2	-1.48e-03	-2.37e-03	-0.08	-3.62e-04	0.0	-1.41e-05
869	3	2.94e-04	6.84e-04	-1.83e-03	7.42e-05	0.0	9.79e-06
869	4	-5.47e-04	-9.25e-04	-0.03	-1.42e-04	0.0	-5.52e-06
870	1	1.45e-03	2.67e-03	0.01	3.19e-04	0.0	3.89e-05
870	2	-2.87e-03	-2.21e-03	-0.07	-3.47e-04	0.0	-1.89e-05
870	3	2.16e-04	5.86e-04	-2.17e-03	6.10e-05	0.0	9.75e-06
870	4	-1.06e-03	-8.61e-04	-0.03	-1.36e-04	0.0	-7.38e-06
871	1	1.49e-03	2.28e-03	0.01	2.68e-04	0.0	3.94e-05
871	2	-4.20e-03	-1.99e-03	-0.07	-3.29e-04	0.0	-2.37e-05
871	3	1.27e-04	4.89e-04	-2.38e-03	4.75e-05	0.0	9.45e-06
871	4	-1.56e-03	-7.78e-04	-0.03	-1.29e-04	0.0	-9.27e-06
872	1	1.50e-03	1.89e-03	7.99e-03	2.16e-04	0.0	3.93e-05
872	2	-5.43e-03	-1.73e-03	-0.06	-3.07e-04	0.0	-2.86e-05
872	3	3.63e-05	3.97e-04	-2.45e-03	3.41e-05	0.0	8.96e-06
872	4	-2.02e-03	-6.75e-04	-0.02	-1.21e-04	0.0	-1.12e-05
873	1	1.48e-03	1.50e-03	5.98e-03	1.64e-04	0.0	3.88e-05
873	2	-6.51e-03	-1.42e-03	-0.05	-2.83e-04	0.0	-3.37e-05
873	3	-5.18e-05	3.11e-04	-2.40e-03	2.08e-05	0.0	8.33e-06
873	4	-2.42e-03	-5.54e-04	-0.02	-1.12e-04	0.0	-1.31e-05
874	1	1.44e-03	1.11e-03	4.04e-03	1.13e-04	0.0	3.82e-05
874	2	-7.39e-03	-1.05e-03	-0.04	-2.56e-04	0.0	-3.96e-05
874	3	-1.31e-04	2.32e-04	-2.22e-03	7.76e-06	0.0	7.59e-06
874	4	-2.74e-03	-4.11e-04	-0.02	-1.01e-04	0.0	-1.55e-05
875	1	1.38e-03	7.34e-04	2.17e-03	6.03e-05	0.0	3.84e-05
875	2	-8.02e-03	-6.13e-04	-0.03	-2.23e-04	0.0	-5.01e-05
875	3	-1.94e-04	1.61e-04	-1.92e-03	-4.77e-06	0.0	6.65e-06
875	4	-2.98e-03	-2.38e-04	-0.01	-8.86e-05	0.0	-1.96e-05
876	1	1.33e-03	3.44e-04	4.00e-04	5.15e-06	0.0	3.90e-05
876	2	-8.34e-03	-2.43e-05	-0.02	-1.70e-04	0.0	-7.36e-05
876	3	-2.35e-04	1.01e-04	-1.55e-03	-1.63e-05	0.0	4.51e-06
876	4	-3.10e-03	-8.18e-06	-7.35e-03	-6.82e-05	0.0	-2.89e-05
877	1	-2.20e-03	9.41e-04	-1.80e-04	3.49e-05	0.0	-1.17e-04
877	2	3.66e-03	-8.44e-04	-0.01	-2.37e-04	0.0	1.19e-04
877	3	-3.75e-04	2.00e-04	-1.12e-03	-1.25e-05	0.0	-2.45e-05
877	4	1.36e-03	-3.29e-04	-4.64e-03	-9.30e-05	0.0	4.54e-05
878	1	-1.72e-03	2.05e-03	2.68e-03	1.90e-04	0.0	-9.69e-05
878	2	4.76e-03	-1.75e-03	-0.02	-3.39e-04	0.0	7.67e-05
878	3	-1.50e-04	4.53e-04	-7.20e-04	2.48e-05	0.0	-2.23e-05
878	4	1.77e-03	-6.74e-04	-6.86e-03	-1.32e-04	0.0	2.92e-05
879	1	-1.29e-03	2.89e-03	4.90e-03	3.08e-04	0.0	-7.15e-05
879	2	5.40e-03	-2.43e-03	-0.03	-4.05e-04	0.0	6.28e-05
879	3	2.67e-05	6.44e-04	-5.95e-04	5.46e-05	0.0	-1.60e-05
879	4	2.01e-03	-9.34e-04	-9.50e-03	-1.57e-04	0.0	2.37e-05
880	1	-9.01e-04	3.49e-03	6.52e-03	3.94e-04	0.0	-5.02e-05
880	2	5.65e-03	-3.04e-03	-0.03	-4.62e-04	0.0	5.73e-05
880	3	1.60e-04	7.73e-04	-6.87e-04	7.58e-05	0.0	-1.02e-05
880	4	2.10e-03	-1.16e-03	-0.01	-1.78e-04	0.0	2.16e-05
881	1	-5.56e-04	3.90e-03	7.61e-03	4.54e-04	0.0	-3.19e-05



881	2	5.54e-03	-3.59e-03	-0.04	-5.16e-04	0.0	5.23e-05
881	3	2.54e-04	8.49e-04	-9.39e-04	8.93e-05	0.0	-5.26e-06
881	4	2.06e-03	-1.37e-03	-0.02	-1.98e-04	0.0	1.97e-05
882	1	-2.58e-04	4.13e-03	8.23e-03	4.91e-04	0.0	-1.61e-05
882	2	5.12e-03	-4.08e-03	-0.05	-5.67e-04	0.0	4.61e-05
882	3	3.11e-04	8.80e-04	-1.30e-03	9.63e-05	0.0	-1.11e-06
882	4	1.90e-03	-1.56e-03	-0.02	-2.17e-04	0.0	1.73e-05
883	1	-5.62e-06	4.23e-03	8.45e-03	5.07e-04	0.0	-2.62e-06
883	2	4.43e-03	-4.51e-03	-0.05	-6.11e-04	0.0	3.83e-05
883	3	3.35e-04	8.73e-04	-1.72e-03	9.78e-05	0.0	2.23e-06
883	4	1.65e-03	-1.71e-03	-0.02	-2.34e-04	0.0	1.44e-05
884	1	2.02e-04	4.19e-03	8.32e-03	5.07e-04	0.0	8.67e-06
884	2	3.54e-03	-4.84e-03	-0.06	-6.47e-04	0.0	2.88e-05
884	3	3.29e-04	8.38e-04	-2.16e-03	9.51e-05	0.0	4.81e-06
884	4	1.32e-03	-1.84e-03	-0.02	-2.47e-04	0.0	1.08e-05
885	1	3.66e-04	4.06e-03	7.93e-03	4.93e-04	0.0	1.79e-05
885	2	2.47e-03	-5.08e-03	-0.06	-6.72e-04	0.0	1.79e-05
885	3	2.97e-04	7.80e-04	-2.58e-03	8.91e-05	0.0	6.67e-06
885	4	9.19e-04	-1.93e-03	-0.02	-2.56e-04	0.0	6.67e-06
886	1	4.88e-04	3.84e-03	7.33e-03	4.68e-04	0.0	2.53e-05
886	2	1.27e-03	-5.20e-03	-0.07	-6.85e-04	0.0	5.96e-06
886	3	2.43e-04	7.06e-04	-2.95e-03	8.07e-05	0.0	7.90e-06
886	4	4.75e-04	-1.97e-03	-0.02	-2.61e-04	0.0	2.16e-06
887	1	5.73e-04	3.56e-03	6.57e-03	4.34e-04	0.0	3.11e-05
887	2	-6.91e-06	-5.20e-03	-0.07	-6.85e-04	0.0	-6.76e-06
887	3	1.73e-04	6.24e-04	-3.23e-03	7.06e-05	0.0	8.58e-06
887	4	0.0	-1.97e-03	-0.03	-2.61e-04	0.0	-2.63e-06
888	1	6.24e-04	3.23e-03	5.71e-03	3.93e-04	0.0	3.54e-05
888	2	-1.32e-03	-5.06e-03	-0.07	-6.70e-04	0.0	-1.98e-05
888	3	8.90e-05	5.37e-04	-3.41e-03	5.96e-05	0.0	8.79e-06
888	4	-4.87e-04	-1.92e-03	-0.02	-2.55e-04	0.0	-7.56e-06
889	1	6.46e-04	2.86e-03	4.80e-03	3.46e-04	0.0	3.84e-05
889	2	-2.62e-03	-4.80e-03	-0.06	-6.42e-04	0.0	-3.28e-05
889	3	-2.88e-06	4.49e-04	-3.47e-03	4.81e-05	0.0	8.64e-06
889	4	-9.72e-04	-1.82e-03	-0.02	-2.45e-04	0.0	-1.25e-05
890	1	6.43e-04	2.46e-03	3.88e-03	2.96e-04	0.0	4.04e-05
890	2	-3.88e-03	-4.41e-03	-0.06	-5.99e-04	0.0	-4.54e-05
890	3	-9.80e-05	3.65e-04	-3.40e-03	3.66e-05	0.0	8.19e-06
890	4	-1.44e-03	-1.67e-03	-0.02	-2.29e-04	0.0	-1.72e-05
891	1	6.21e-04	2.05e-03	2.97e-03	2.43e-04	0.0	4.14e-05
891	2	-5.03e-03	-3.89e-03	-0.05	-5.44e-04	0.0	-5.74e-05
891	3	-1.92e-04	2.86e-04	-3.20e-03	2.54e-05	0.0	7.53e-06
891	4	-1.87e-03	-1.48e-03	-0.02	-2.08e-04	0.0	-2.18e-05
892	1	5.87e-04	1.64e-03	2.11e-03	1.89e-04	0.0	4.18e-05
892	2	-6.04e-03	-3.26e-03	-0.04	-4.77e-04	0.0	-6.88e-05
892	3	-2.78e-04	2.15e-04	-2.88e-03	1.46e-05	0.0	6.70e-06
892	4	-2.24e-03	-1.24e-03	-0.02	-1.83e-04	0.0	-2.61e-05
893	1	5.46e-04	1.22e-03	1.32e-03	1.34e-04	0.0	4.20e-05
893	2	-6.87e-03	-2.51e-03	-0.04	-4.00e-04	0.0	-8.08e-05
893	3	-3.53e-04	1.53e-04	-2.43e-03	4.52e-06	0.0	5.72e-06
893	4	-2.55e-03	-9.53e-04	-0.01	-1.54e-04	0.0	-3.07e-05
894	1	5.06e-04	7.97e-04	5.87e-04	7.77e-05	0.0	4.30e-05
894	2	-7.46e-03	-1.63e-03	-0.03	-3.07e-04	0.0	-9.89e-05
894	3	-4.10e-04	1.02e-04	-1.89e-03	-4.75e-06	0.0	4.42e-06
894	4	-2.77e-03	-6.16e-04	-9.68e-03	-1.19e-04	0.0	-3.76e-05
895	1	4.73e-04	3.57e-04	-7.48e-05	1.72e-05	0.0	4.43e-05
895	2	-7.76e-03	-5.00e-04	-0.01	-1.82e-04	0.0	-1.32e-04
895	3	-4.44e-04	6.77e-05	-1.27e-03	-1.24e-05	0.0	1.77e-06
895	4	-2.88e-03	-1.86e-04	-5.68e-03	-7.15e-05	0.0	-5.06e-05
896	1	-4.83e-04	3.49e-04	-5.69e-04	-2.28e-06	0.0	-3.53e-05
896	2	2.64e-03	-1.03e-03	-6.33e-03	-2.06e-04	0.0	1.56e-04
896	3	5.59e-05	1.52e-05	-7.04e-04	-1.92e-05	0.0	2.52e-06
896	4	9.81e-04	-3.93e-04	-2.41e-03	-7.95e-05	0.0	5.93e-05
897	1	-3.06e-04	7.64e-04	1.65e-04	5.52e-05	0.0	-3.90e-05
897	2	3.53e-03	-2.41e-03	-0.01	-3.74e-04	0.0	1.33e-04
897	3	1.75e-04	2.66e-05	-8.11e-04	-1.57e-05	0.0	-1.05e-06
897	4	1.31e-03	-9.13e-04	-4.03e-03	-1.43e-04	0.0	4.99e-05
898	1	-1.63e-04	1.11e-03	6.85e-04	1.06e-04	0.0	-3.12e-05
898	2	4.04e-03	-3.74e-03	-0.02	-5.28e-04	0.0	1.36e-04
898	3	2.55e-04	2.68e-05	-1.04e-03	-1.24e-05	0.0	1.20e-06
898	4	1.50e-03	-1.41e-03	-5.96e-03	-2.00e-04	0.0	5.06e-05
899	1	-4.89e-05	1.38e-03	1.02e-03	1.46e-04	0.0	-2.23e-05
899	2	4.22e-03	-5.13e-03	-0.02	-6.87e-04	0.0	1.39e-04
899	3	3.03e-04	0.0	-1.36e-03	-1.27e-05	0.0	3.98e-06
899	4	1.57e-03	-1.93e-03	-8.05e-03	-2.60e-04	0.0	5.19e-05
900	1	4.09e-05	1.56e-03	1.19e-03	1.73e-04	0.0	-1.42e-05
900	2	4.13e-03	-6.51e-03	-0.03	-8.50e-04	0.0	1.36e-04



900	3	3.23e-04	-5.28e-05	-1.73e-03	-1.67e-05	0.0	6.08e-06
900	4	1.54e-03	-2.44e-03	-0.01	-3.20e-04	0.0	5.05e-05
901	1	1.09e-04	1.66e-03	1.22e-03	1.91e-04	0.0	-6.95e-06
901	2	3.81e-03	-7.82e-03	-0.03	-1.01e-03	0.0	1.25e-04
901	3	3.19e-04	-1.21e-04	-2.12e-03	-2.33e-05	0.0	7.38e-06
901	4	1.42e-03	-2.93e-03	-0.01	-3.78e-04	0.0	4.65e-05
902	1	1.57e-04	1.70e-03	1.15e-03	1.99e-04	0.0	0.0
902	2	3.30e-03	-8.99e-03	-0.04	-1.15e-03	0.0	1.08e-04
902	3	2.95e-04	-1.98e-04	-2.50e-03	-3.14e-05	0.0	7.92e-06
902	4	1.22e-03	-3.36e-03	-0.01	-4.30e-04	0.0	4.01e-05
903	1	1.87e-04	1.68e-03	9.93e-04	1.99e-04	0.0	4.61e-06
903	2	2.63e-03	-9.96e-03	-0.04	-1.26e-03	0.0	8.54e-05
903	3	2.54e-04	-2.77e-04	-2.84e-03	-4.01e-05	0.0	7.79e-06
903	4	9.77e-04	-3.73e-03	-0.02	-4.73e-04	0.0	3.17e-05
904	1	2.01e-04	1.61e-03	7.80e-04	1.92e-04	0.0	8.89e-06
904	2	1.84e-03	-0.01	-0.04	-1.35e-03	0.0	5.89e-05
904	3	1.99e-04	-3.52e-04	-3.12e-03	-4.86e-05	0.0	7.05e-06
904	4	6.84e-04	-3.99e-03	-0.02	-5.05e-04	0.0	2.19e-05
905	1	2.00e-04	1.50e-03	5.34e-04	1.80e-04	0.0	1.22e-05
905	2	9.60e-04	-0.01	-0.05	-1.40e-03	0.0	2.93e-05
905	3	1.33e-04	-4.17e-04	-3.33e-03	-5.61e-05	0.0	5.79e-06
905	4	3.58e-04	-4.16e-03	-0.02	-5.25e-04	0.0	1.09e-05
906	1	1.87e-04	1.37e-03	2.75e-04	1.64e-04	0.0	1.45e-05
906	2	2.55e-05	-0.01	-0.05	-1.42e-03	0.0	-2.27e-06
906	3	5.94e-05	-4.66e-04	-3.46e-03	-6.20e-05	0.0	4.09e-06
906	4	1.17e-05	-4.21e-03	-0.02	-5.31e-04	0.0	0.0
907	1	1.61e-04	1.22e-03	2.45e-05	1.46e-04	0.0	1.60e-05
907	2	-9.36e-04	-0.01	-0.05	-1.40e-03	0.0	-3.47e-05
907	3	-2.00e-05	-4.97e-04	-3.49e-03	-6.59e-05	0.0	2.07e-06
907	4	-3.45e-04	-4.14e-03	-0.02	-5.23e-04	0.0	-1.30e-05
908	1	1.26e-04	1.05e-03	-2.00e-04	1.25e-04	0.0	1.67e-05
908	2	-1.89e-03	-0.01	-0.04	-1.34e-03	0.0	-6.71e-05
908	3	-1.02e-04	-5.07e-04	-3.41e-03	-6.73e-05	0.0	0.0
908	4	-7.01e-04	-3.95e-03	-0.02	-5.00e-04	0.0	-2.50e-05
909	1	8.39e-05	8.85e-04	-3.83e-04	1.04e-04	0.0	1.68e-05
909	2	-2.82e-03	-9.74e-03	-0.04	-1.24e-03	0.0	-9.81e-05
909	3	-1.84e-04	-4.93e-04	-3.23e-03	-6.61e-05	0.0	-2.53e-06
909	4	-1.04e-03	-3.64e-03	-0.02	-4.63e-04	0.0	-3.66e-05
910	1	3.69e-05	7.20e-04	-5.12e-04	8.27e-05	0.0	1.63e-05
910	2	-3.68e-03	-8.61e-03	-0.04	-1.10e-03	0.0	-1.27e-04
910	3	-2.62e-04	-4.56e-04	-2.94e-03	-6.22e-05	0.0	-4.86e-06
910	4	-1.36e-03	-3.22e-03	-0.01	-4.13e-04	0.0	-4.73e-05
911	1	-1.14e-05	5.60e-04	-5.80e-04	6.17e-05	0.0	1.56e-05
911	2	-4.44e-03	-7.21e-03	-0.03	-9.34e-04	0.0	-1.52e-04
911	3	-3.34e-04	-3.96e-04	-2.55e-03	-5.58e-05	0.0	-7.06e-06
911	4	-1.65e-03	-2.70e-03	-0.01	-3.51e-04	0.0	-5.68e-05
912	1	-5.67e-05	4.08e-04	-5.82e-04	4.13e-05	0.0	1.49e-05
912	2	-5.07e-03	-5.58e-03	-0.02	-7.40e-04	0.0	-1.75e-04
912	3	-3.95e-04	-3.15e-04	-2.07e-03	-4.71e-05	0.0	-9.12e-06
912	4	-1.88e-03	-2.09e-03	-9.19e-03	-2.79e-04	0.0	-6.55e-05
913	1	-9.38e-05	2.62e-04	-5.22e-04	2.13e-05	0.0	1.44e-05
913	2	-5.53e-03	-3.70e-03	-0.02	-5.16e-04	0.0	-2.04e-04
913	3	-4.41e-04	-2.13e-04	-1.51e-03	-3.58e-05	0.0	-1.17e-05
913	4	-2.05e-03	-1.39e-03	-6.50e-03	-1.95e-04	0.0	-7.64e-05
914	1	-1.16e-04	1.21e-04	-4.09e-04	1.23e-06	0.0	1.29e-05
914	2	-5.77e-03	-1.45e-03	-9.61e-03	-2.36e-04	0.0	-2.52e-04
914	3	-4.66e-04	-7.67e-05	-8.90e-04	-1.99e-05	0.0	-1.64e-05
914	4	-2.14e-03	-5.43e-04	-3.62e-03	-9.01e-05	0.0	-9.49e-05
915	1	2.76e-04	5.09e-04	-0.02	6.73e-05	0.0	1.39e-05
915	2	2.16e-04	2.58e-03	-0.06	2.31e-05	0.0	8.23e-05
915	3	9.72e-05	3.35e-04	-0.01	1.97e-05	0.0	1.15e-05
915	4	7.94e-05	9.47e-04	-0.02	6.60e-06	0.0	3.18e-05
916	1	2.96e-04	6.36e-04	-0.02	8.33e-05	0.0	1.19e-05
916	2	2.55e-04	3.34e-03	-0.06	1.02e-04	0.0	7.13e-05
916	3	1.07e-04	4.42e-04	-0.01	3.26e-05	0.0	1.00e-05
916	4	9.47e-05	1.24e-03	-0.02	3.81e-05	0.0	2.76e-05
917	1	3.17e-04	7.43e-04	-0.02	9.50e-05	0.0	9.55e-06
917	2	3.01e-04	3.97e-03	-0.06	1.65e-04	0.0	5.58e-05
917	3	1.18e-04	5.31e-04	-0.01	4.27e-05	0.0	8.00e-06
917	4	1.13e-04	1.49e-03	-0.02	6.35e-05	0.0	2.17e-05
918	1	3.38e-04	8.24e-04	-0.02	1.02e-04	0.0	6.93e-06
918	2	3.53e-04	4.43e-03	-0.06	2.08e-04	0.0	3.71e-05
918	3	1.29e-04	5.99e-04	-0.01	4.96e-05	0.0	5.62e-06
918	4	1.33e-04	1.67e-03	-0.02	8.09e-05	0.0	1.46e-05
919	1	3.58e-04	8.79e-04	-0.02	1.05e-04	0.0	4.13e-06
919	2	4.07e-04	4.70e-03	-0.06	2.28e-04	0.0	1.64e-05
919	3	1.40e-04	6.42e-04	-0.01	5.30e-05	0.0	3.01e-06



919	4	1.55e-04	1.77e-03	-0.02	8.94e-05	0.0	6.66e-06
920	1	3.78e-04	9.05e-04	-0.02	1.04e-04	0.0	1.23e-06
920	2	4.61e-04	4.75e-03	-0.06	2.25e-04	0.0	-4.87e-06
920	3	1.52e-04	6.58e-04	-0.01	5.28e-05	0.0	0.0
920	4	1.76e-04	1.80e-03	-0.02	8.85e-05	0.0	-1.50e-06
921	1	3.96e-04	9.03e-04	-0.02	9.86e-05	0.0	-1.67e-06
921	2	5.11e-04	4.60e-03	-0.05	1.97e-04	0.0	-2.55e-05
921	3	1.62e-04	6.48e-04	-0.01	4.90e-05	0.0	-2.35e-06
921	4	1.96e-04	1.74e-03	-0.02	7.82e-05	0.0	-9.42e-06
922	1	4.13e-04	8.73e-04	-0.02	8.89e-05	0.0	-4.47e-06
922	2	5.56e-04	4.26e-03	-0.05	1.48e-04	0.0	-4.42e-05
922	3	1.72e-04	6.12e-04	-0.01	4.19e-05	0.0	-4.81e-06
922	4	2.14e-04	1.61e-03	-0.02	5.93e-05	0.0	-1.66e-05
923	1	4.28e-04	8.16e-04	-0.01	7.53e-05	0.0	-7.04e-06
923	2	5.92e-04	3.74e-03	-0.05	8.08e-05	0.0	-5.94e-05
923	3	1.80e-04	5.54e-04	-9.86e-03	3.17e-05	0.0	-6.91e-06
923	4	2.29e-04	1.42e-03	-0.02	3.33e-05	0.0	-2.24e-05
924	1	4.41e-04	7.35e-04	-0.01	5.81e-05	0.0	-9.19e-06
924	2	6.15e-04	3.10e-03	-0.05	1.71e-06	0.0	-6.97e-05
924	3	1.87e-04	4.78e-04	-9.33e-03	1.91e-05	0.0	-8.46e-06
924	4	2.39e-04	1.18e-03	-0.02	2.36e-06	0.0	-2.64e-05
925	1	4.51e-04	6.37e-04	-0.01	3.77e-05	0.0	-1.07e-05
925	2	6.24e-04	2.39e-03	-0.05	-8.17e-05	0.0	-7.34e-05
925	3	1.91e-04	3.90e-04	-8.76e-03	4.77e-06	0.0	-9.23e-06
925	4	2.43e-04	9.08e-04	-0.02	-3.06e-05	0.0	-2.78e-05
926	1	4.59e-04	5.28e-04	-0.01	1.49e-05	0.0	-1.13e-05
926	2	6.14e-04	1.68e-03	-0.04	-1.60e-04	0.0	-6.91e-05
926	3	1.93e-04	2.99e-04	-8.16e-03	-1.01e-05	0.0	-8.98e-06
926	4	2.40e-04	6.39e-04	-0.02	-6.18e-05	0.0	-2.61e-05
927	1	4.64e-04	4.17e-04	-0.01	-9.39e-06	0.0	-1.15e-05
927	2	5.86e-04	1.05e-03	-0.04	-2.20e-04	0.0	-5.65e-05
927	3	1.93e-04	2.16e-04	-7.54e-03	-2.42e-05	0.0	-7.82e-06
927	4	2.29e-04	4.05e-04	-0.02	-8.66e-05	0.0	-2.12e-05
928	1	4.67e-04	2.96e-04	-9.33e-03	-3.45e-05	0.0	-1.43e-05
928	2	5.45e-04	6.01e-04	-0.04	-2.46e-04	0.0	-3.62e-05
928	3	1.91e-04	1.46e-04	-6.91e-03	-3.60e-05	0.0	-6.99e-06
928	4	2.14e-04	2.36e-04	-0.02	-9.88e-05	0.0	-1.35e-05
929	1	4.01e-04	-8.19e-04	-0.02	-9.14e-05	-2.99e-05	4.78e-05
929	2	3.68e-04	-3.69e-03	-0.06	-3.88e-04	-2.09e-05	4.63e-05
929	3	1.46e-04	-6.58e-04	-0.01	-6.98e-05	-9.87e-06	1.87e-05
929	4	1.36e-04	-1.51e-03	-0.02	-1.58e-04	-7.21e-06	1.83e-05
930	1	4.38e-04	-3.55e-04	-0.02	-3.89e-05	-3.14e-05	4.37e-05
930	2	2.84e-04	-2.95e-03	-0.06	-3.38e-04	-1.05e-05	9.76e-05
930	3	1.46e-04	-4.46e-04	-0.01	-4.57e-05	-8.92e-06	2.25e-05
930	4	1.01e-04	-1.22e-03	-0.02	-1.35e-04	-2.73e-06	3.85e-05
931	1	4.77e-04	6.48e-05	-0.02	6.35e-06	-3.46e-05	4.03e-05
931	2	2.60e-04	-1.81e-03	-0.06	-2.72e-04	-7.64e-06	1.28e-04
931	3	1.54e-04	-2.09e-04	-0.01	-2.31e-05	-9.49e-06	2.44e-05
931	4	8.99e-05	-7.66e-04	-0.02	-1.05e-04	-1.50e-06	5.03e-05
932	1	5.21e-04	4.44e-04	-0.02	4.11e-05	-3.85e-05	3.61e-05
932	2	2.91e-04	-4.50e-04	-0.06	-1.97e-04	-1.13e-05	1.44e-04
932	3	1.70e-04	3.57e-05	-0.01	-3.77e-06	-1.10e-05	2.47e-05
932	4	1.02e-04	-2.29e-04	-0.02	-7.43e-05	-2.93e-06	5.65e-05
933	1	5.70e-04	7.79e-04	-0.02	6.81e-05	-4.31e-05	3.15e-05
933	2	3.72e-04	9.95e-04	-0.06	-1.20e-04	-2.05e-05	1.46e-04
933	3	1.92e-04	2.76e-04	-0.01	1.32e-05	-1.34e-05	2.35e-05
933	4	1.33e-04	3.39e-04	-0.02	-4.26e-05	-6.68e-06	5.73e-05
934	1	6.24e-04	1.07e-03	-0.02	8.91e-05	-4.83e-05	2.66e-05
934	2	4.95e-04	2.40e-03	-0.06	-4.59e-05	-3.47e-05	1.36e-04
934	3	2.21e-04	4.97e-04	-0.01	2.77e-05	-1.65e-05	2.11e-05
934	4	1.83e-04	8.92e-04	-0.02	-1.22e-05	-1.24e-05	5.35e-05
935	1	6.80e-04	1.31e-03	-0.02	1.05e-04	-5.39e-05	2.14e-05
935	2	6.56e-04	3.66e-03	-0.06	1.94e-05	-5.29e-05	1.16e-04
935	3	2.55e-04	6.91e-04	-0.01	3.98e-05	-2.01e-05	1.78e-05
935	4	2.48e-04	1.39e-03	-0.02	1.44e-05	-1.98e-05	4.59e-05
936	1	7.40e-04	1.49e-03	-0.02	1.16e-04	-5.98e-05	1.59e-05
936	2	8.46e-04	4.68e-03	-0.06	7.09e-05	-7.44e-05	8.91e-05
936	3	2.92e-04	8.47e-04	-0.01	4.90e-05	-2.42e-05	1.36e-05
936	4	3.24e-04	1.79e-03	-0.02	3.56e-05	-2.86e-05	3.53e-05
937	1	8.01e-04	1.62e-03	-0.02	1.23e-04	-6.60e-05	1.02e-05
937	2	1.06e-03	5.40e-03	-0.06	1.05e-04	-9.40e-05	5.62e-05
937	3	3.33e-04	9.59e-04	-0.01	5.50e-05	-2.87e-05	8.92e-06
937	4	4.09e-04	2.08e-03	-0.02	4.97e-05	-3.83e-05	2.25e-05
938	1	8.62e-04	1.69e-03	-0.02	1.25e-04	-7.23e-05	4.30e-06
938	2	1.28e-03	5.78e-03	-0.06	1.19e-04	-2.24e-04	1.99e-05
938	3	3.75e-04	1.02e-03	-0.01	5.77e-05	-3.34e-05	3.85e-06
938	4	5.00e-04	2.23e-03	-0.02	5.59e-05	-4.87e-05	8.47e-06



939	1	9.23e-04	1.70e-03	-0.02	1.23e-04	-7.86e-05	-1.64e-06
939	2	1.51e-03	5.79e-03	-0.06	1.11e-04	-1.50e-04	-1.72e-05
939	3	4.18e-04	1.03e-03	-0.01	5.70e-05	-3.82e-05	-1.34e-06
939	4	5.93e-04	2.25e-03	-0.02	5.36e-05	-5.95e-05	-5.96e-06
940	1	9.82e-04	1.66e-03	-0.02	1.16e-04	-8.49e-05	-7.50e-06
940	2	1.74e-03	5.44e-03	-0.05	8.32e-05	-1.77e-04	-5.27e-05
940	3	4.60e-04	9.96e-04	-0.01	5.28e-05	-4.30e-05	-6.39e-06
940	4	6.85e-04	2.12e-03	-0.02	4.31e-05	-7.01e-05	-1.98e-05
941	1	1.04e-03	1.56e-03	-0.02	1.06e-04	-9.09e-05	-1.32e-05
941	2	1.95e-03	4.76e-03	-0.05	3.72e-05	-2.02e-04	-8.40e-05
941	3	5.00e-04	9.09e-04	-0.01	4.55e-05	-4.76e-05	-1.10e-05
941	4	7.72e-04	1.86e-03	-0.02	2.53e-05	-8.04e-05	-3.20e-05
942	1	1.09e-03	1.40e-03	-0.01	9.09e-05	-9.67e-05	-1.84e-05
942	2	2.15e-03	3.80e-03	-0.05	-2.29e-05	-2.25e-04	-1.08e-04
942	3	5.37e-04	7.79e-04	-9.86e-03	3.54e-05	-5.20e-05	-1.50e-05
942	4	8.50e-04	1.49e-03	-0.02	1.65e-06	-8.99e-05	-4.16e-05
943	1	1.14e-03	1.19e-03	-0.01	7.23e-05	-1.02e-04	-2.32e-05
943	2	2.31e-03	2.65e-03	-0.05	-9.14e-05	-2.45e-04	-1.23e-04
943	3	5.69e-04	6.14e-04	-9.33e-03	2.28e-05	-5.59e-05	-1.80e-05
943	4	9.15e-04	1.05e-03	-0.02	-2.57e-05	-4.76e-05	-4.76e-05
944	1	1.18e-03	9.42e-04	-0.01	4.95e-05	-1.07e-04	-2.72e-05
944	2	2.42e-03	1.41e-03	-0.05	-1.62e-04	-2.61e-04	-1.25e-04
944	3	5.96e-04	4.26e-04	-8.76e-03	8.25e-06	-5.92e-05	-1.98e-05
944	4	9.65e-04	5.63e-04	-0.02	-5.43e-05	-1.05e-04	-4.88e-05
945	1	1.21e-03	6.56e-04	-0.01	2.15e-05	-1.10e-04	-3.02e-05
945	2	2.49e-03	2.12e-04	-0.04	-2.27e-04	-2.72e-04	-1.12e-04
945	3	6.15e-04	2.26e-04	-8.16e-03	-8.19e-06	-6.18e-05	-1.99e-05
945	4	9.95e-04	9.47e-05	-0.02	-8.17e-05	-1.10e-04	-4.41e-05
946	1	1.23e-03	3.44e-04	-0.01	-1.34e-05	-1.13e-04	-3.21e-05
946	2	2.50e-03	-7.76e-04	-0.04	-2.79e-04	-2.78e-04	-8.26e-05
946	3	6.26e-04	3.35e-05	-7.54e-03	-2.69e-05	-6.36e-05	-1.83e-05
946	4	1.00e-03	-2.99e-04	-0.02	-1.06e-04	-1.12e-04	-3.33e-05
947	1	1.25e-03	1.89e-05	-9.33e-03	-5.10e-05	-1.14e-04	-3.25e-05
947	2	2.44e-03	-1.33e-03	-0.04	-2.98e-04	-2.76e-04	-2.62e-05
947	3	6.28e-04	-1.30e-04	-6.91e-03	-4.47e-05	-6.39e-05	-1.40e-05
947	4	9.82e-04	-5.29e-04	-0.02	-1.18e-04	-1.12e-04	-1.21e-05
948	1	1.71e-03	-1.77e-04	-9.33e-03	-4.86e-05	0.0	-4.46e-05
948	2	3.56e-03	-2.50e-03	-0.04	-2.98e-04	0.0	-1.69e-05
948	3	8.84e-04	-3.04e-04	-6.91e-03	-4.38e-05	0.0	-1.87e-05
948	4	1.43e-03	-9.94e-04	-0.02	-1.18e-04	0.0	-1.05e-05
949	1	1.68e-03	2.91e-04	-0.01	-1.33e-05	0.0	-4.63e-05
949	2	3.60e-03	-1.89e-03	-0.04	-2.82e-04	0.0	-9.78e-05
949	3	8.78e-04	-7.39e-05	-7.54e-03	-2.71e-05	0.0	-2.56e-05
949	4	1.45e-03	-7.20e-04	-0.02	-1.07e-04	0.0	-4.08e-05
950	1	1.65e-03	7.41e-04	-0.01	2.13e-05	0.0	-4.20e-05
950	2	3.57e-03	-6.95e-04	-0.04	-2.28e-04	0.0	-1.35e-04
950	3	8.60e-04	1.93e-04	-8.16e-03	-8.43e-06	0.0	-2.66e-05
950	4	1.43e-03	-2.32e-04	-0.02	-8.23e-05	0.0	-5.42e-05
951	1	1.60e-03	1.14e-03	-0.01	4.96e-05	0.0	-3.67e-05
951	2	3.45e-03	7.59e-04	-0.05	-1.62e-04	0.0	-1.51e-04
951	3	8.30e-04	4.59e-04	-8.76e-03	8.25e-06	0.0	-2.57e-05
951	4	1.38e-03	3.46e-04	-0.02	-5.44e-05	0.0	-5.97e-05
952	1	1.54e-03	1.48e-03	-0.01	7.26e-05	0.0	-3.09e-05
952	2	3.27e-03	2.28e-03	-0.05	-9.05e-05	0.0	-1.50e-04
952	3	7.91e-04	7.06e-04	-9.32e-03	2.30e-05	0.0	-2.32e-05
952	4	1.30e-03	9.43e-04	-0.02	-2.53e-05	0.0	-5.83e-05
953	1	1.48e-03	1.76e-03	-0.01	9.13e-05	0.0	-2.46e-05
953	2	3.03e-03	3.71e-03	-0.05	-2.11e-05	0.0	-1.33e-04
953	3	7.43e-04	9.21e-04	-9.85e-03	3.56e-05	0.0	-1.93e-05
953	4	1.20e-03	1.50e-03	-0.02	2.36e-06	0.0	-5.14e-05
954	1	1.40e-03	1.98e-03	-0.02	1.06e-04	0.0	-1.79e-05
954	2	2.75e-03	4.91e-03	-0.05	3.96e-05	0.0	-1.04e-04
954	3	6.89e-04	1.09e-03	-0.01	4.59e-05	0.0	-1.43e-05
954	4	1.09e-03	1.96e-03	-0.02	2.62e-05	0.0	-3.99e-05
955	1	1.32e-03	2.12e-03	-0.02	1.17e-04	0.0	-1.07e-05
955	2	2.44e-03	5.78e-03	-0.05	8.59e-05	0.0	-6.67e-05
955	3	6.31e-04	1.21e-03	-0.01	5.32e-05	0.0	-8.55e-06
955	4	9.63e-04	2.29e-03	-0.02	4.41e-05	0.0	-2.52e-05
956	1	1.24e-03	2.20e-03	-0.02	1.23e-04	0.0	-3.26e-06
956	2	2.11e-03	6.24e-03	-0.06	1.14e-04	0.0	-2.39e-05
956	3	5.70e-04	1.26e-03	-0.01	5.74e-05	0.0	-2.26e-06
956	4	8.30e-04	2.46e-03	-0.02	5.47e-05	0.0	-8.38e-06
957	1	1.15e-03	2.19e-03	-0.02	1.25e-04	0.0	4.28e-06
957	2	1.78e-03	6.26e-03	-0.06	1.21e-04	0.0	2.11e-05
957	3	5.09e-04	1.25e-03	-0.01	5.81e-05	0.0	4.21e-06
957	4	6.96e-04	2.46e-03	-0.02	5.70e-05	0.0	9.19e-06
958	1	1.06e-03	2.11e-03	-0.02	1.23e-04	0.0	1.18e-05



958	2	1.46e-03	5.82e-03	-0.06	1.07e-04	0.0	6.52e-05
958	3	4.48e-04	1.18e-03	-0.01	5.54e-05	0.0	1.06e-05
958	4	5.65e-04	2.28e-03	-0.02	5.08e-05	0.0	2.64e-05
959	1	9.80e-04	1.96e-03	-0.02	1.16e-04	0.0	1.92e-05
959	2	1.15e-03	4.96e-03	-0.06	7.32e-05	0.0	1.05e-04
959	3	3.91e-04	1.04e-03	-0.01	4.93e-05	0.0	1.65e-05
959	4	4.42e-04	1.94e-03	-0.02	3.65e-05	0.0	4.20e-05
960	1	8.97e-04	1.73e-03	-0.02	1.05e-04	0.0	2.64e-05
960	2	8.79e-04	3.74e-03	-0.06	2.12e-05	0.0	1.39e-04
960	3	3.37e-04	8.50e-04	-0.01	4.01e-05	0.0	2.18e-05
960	4	3.32e-04	1.45e-03	-0.02	1.52e-05	0.0	5.50e-05
961	1	8.19e-04	1.42e-03	-0.02	8.93e-05	0.0	3.35e-05
961	2	6.48e-04	2.22e-03	-0.06	-4.47e-05	0.0	1.62e-04
961	3	2.89e-04	6.09e-04	-0.01	2.79e-05	0.0	2.61e-05
961	4	2.38e-04	8.44e-04	-0.02	-1.18e-05	0.0	6.44e-05
962	1	7.45e-04	1.05e-03	-0.02	6.82e-05	0.0	4.04e-05
962	2	4.69e-04	5.15e-04	-0.06	-1.20e-04	0.0	1.75e-04
962	3	2.48e-04	3.28e-04	-0.01	1.32e-05	0.0	2.94e-05
962	4	1.67e-04	1.69e-04	-0.02	-4.24e-05	0.0	6.92e-05
963	1	6.78e-04	6.07e-04	-0.02	4.10e-05	0.0	4.75e-05
963	2	3.53e-04	-1.24e-03	-0.06	-1.98e-04	0.0	1.73e-04
963	3	2.16e-04	2.03e-05	-0.01	-3.87e-06	0.0	3.15e-05
963	4	1.20e-04	-5.27e-04	-0.02	-7.47e-05	0.0	6.87e-05
964	1	6.18e-04	8.86e-05	-0.02	6.05e-06	0.0	5.52e-05
964	2	3.06e-04	-2.90e-03	-0.06	-2.74e-04	0.0	1.56e-04
964	3	1.95e-04	-3.03e-04	-0.01	-2.35e-05	0.0	3.24e-05
964	4	1.02e-04	-1.19e-03	-0.02	-1.06e-04	0.0	6.21e-05
965	1	5.66e-04	-5.11e-04	-0.02	-3.88e-05	0.0	6.29e-05
965	2	3.38e-04	-4.31e-03	-0.06	-3.42e-04	0.0	1.21e-04
965	3	1.84e-04	-6.30e-04	-0.01	-4.61e-05	0.0	3.18e-05
965	4	1.17e-04	-1.76e-03	-0.02	-1.36e-04	0.0	4.91e-05
966	1	5.25e-04	-1.18e-03	-0.02	-8.84e-05	0.0	6.80e-05
966	2	4.49e-04	-5.24e-03	-0.06	-3.91e-04	0.0	5.92e-05
966	3	1.86e-04	-9.34e-04	-0.01	-6.91e-05	0.0	2.77e-05
966	4	1.64e-04	-2.14e-03	-0.02	-1.59e-04	0.0	2.51e-05
967	1	8.14e-04	-1.48e-05	-8.12e-03	-7.28e-05	0.0	1.86e-05
967	2	4.01e-03	1.64e-03	-0.04	-7.27e-05	0.0	-1.88e-04
967	3	5.70e-04	1.07e-04	-6.26e-03	-3.81e-05	0.0	-5.78e-06
967	4	1.52e-03	5.98e-04	-0.01	-3.81e-05	0.0	-6.69e-05
968	1	8.15e-04	-1.77e-04	-9.49e-03	-8.47e-05	0.0	1.45e-05
968	2	3.95e-03	3.43e-03	-0.04	1.76e-04	0.0	-1.68e-04
968	3	5.66e-04	1.69e-04	-7.28e-03	-2.48e-05	0.0	-6.17e-06
968	4	1.50e-03	1.24e-03	-0.02	5.24e-05	0.0	-6.01e-05
969	1	7.87e-04	-3.11e-04	-0.01	-9.34e-05	0.0	1.29e-05
969	2	3.72e-03	4.98e-03	-0.05	3.87e-04	0.0	-1.46e-04
969	3	5.39e-04	2.26e-04	-8.26e-03	-1.28e-05	0.0	-5.34e-06
969	4	1.41e-03	1.80e-03	-0.02	1.29e-04	0.0	-5.23e-05
970	1	7.38e-04	-4.39e-04	-0.01	-1.02e-04	0.0	1.28e-05
970	2	3.35e-03	6.33e-03	-0.06	5.67e-04	0.0	-1.24e-04
970	3	4.95e-04	2.73e-04	-9.17e-03	-2.82e-06	0.0	-3.96e-06
970	4	1.27e-03	2.28e-03	-0.02	1.96e-04	0.0	-4.44e-05
971	1	6.74e-04	-5.69e-04	-0.01	-1.12e-04	0.0	1.34e-05
971	2	2.88e-03	7.45e-03	-0.06	7.18e-04	0.0	-9.94e-05
971	3	4.37e-04	3.04e-04	-0.01	4.64e-06	0.0	-2.20e-06
971	4	1.09e-03	2.68e-03	-0.02	2.50e-04	0.0	-3.56e-05
972	1	5.99e-04	-7.06e-04	-0.01	-1.23e-04	0.0	1.40e-05
972	2	2.33e-03	8.31e-03	-0.07	8.34e-04	0.0	-7.24e-05
972	3	3.69e-04	3.16e-04	-0.01	9.24e-06	0.0	0.0
972	4	8.83e-04	2.99e-03	-0.03	2.93e-04	0.0	-2.58e-05
973	1	5.17e-04	-8.48e-04	-0.02	-1.36e-04	0.0	1.45e-05
973	2	1.73e-03	8.89e-03	-0.07	9.15e-04	0.0	-4.38e-05
973	3	2.95e-04	3.08e-04	-0.01	1.08e-05	0.0	1.88e-06
973	4	6.53e-04	3.19e-03	-0.03	3.22e-04	0.0	-1.54e-05
974	1	4.32e-04	-9.94e-04	-0.02	-1.50e-04	0.0	1.48e-05
974	2	1.09e-03	9.18e-03	-0.07	9.58e-04	0.0	-1.43e-05
974	3	2.16e-04	2.79e-04	-0.01	9.33e-06	0.0	3.94e-06
974	4	4.10e-04	3.29e-03	-0.03	3.38e-04	0.0	-4.67e-06
975	1	3.46e-04	-1.14e-03	-0.02	-1.64e-04	0.0	1.46e-05
975	2	4.33e-04	9.18e-03	-0.07	9.63e-04	0.0	1.50e-05
975	3	1.37e-04	2.30e-04	-0.01	4.89e-06	0.0	5.88e-06
975	4	1.63e-04	3.29e-03	-0.03	3.39e-04	0.0	6.01e-06
976	1	2.62e-04	-1.28e-03	-0.02	-1.79e-04	0.0	1.39e-05
976	2	-2.10e-04	8.88e-03	-0.08	9.31e-04	0.0	4.34e-05
976	3	5.84e-05	1.63e-04	-0.01	-2.27e-06	0.0	7.58e-06
976	4	-8.15e-05	3.18e-03	-0.03	3.27e-04	0.0	1.63e-05
977	1	1.82e-04	-1.42e-03	-0.02	-1.94e-04	0.0	1.25e-05
977	2	-8.23e-04	8.32e-03	-0.08	8.64e-04	0.0	6.97e-05



977	3	-1.60e-05	8.02e-05	-0.01	-1.18e-05	0.0	8.93e-06
977	4	-3.14e-04	2.96e-03	-0.03	3.02e-04	0.0	2.59e-05
978	1	1.10e-04	-1.53e-03	-0.02	-2.07e-04	0.0	1.03e-05
978	2	-1.38e-03	7.50e-03	-0.07	7.64e-04	0.0	9.31e-05
978	3	-8.36e-05	-1.39e-05	-0.01	-2.33e-05	0.0	9.82e-06
978	4	-5.25e-04	2.66e-03	-0.03	2.64e-04	0.0	3.44e-05
979	1	4.71e-05	-1.62e-03	-0.02	-2.18e-04	0.0	7.18e-06
979	2	-1.86e-03	6.47e-03	-0.07	6.36e-04	0.0	1.12e-04
979	3	-1.42e-04	-1.14e-04	-0.01	-3.60e-05	0.0	1.01e-05
979	4	-7.06e-04	2.28e-03	-0.03	2.17e-04	0.0	4.13e-05
980	1	-2.41e-06	-1.67e-03	-0.02	-2.25e-04	0.0	3.03e-06
980	2	-2.23e-03	5.27e-03	-0.07	4.85e-04	0.0	1.27e-04
980	3	-1.87e-04	-2.14e-04	-0.01	-4.94e-05	0.0	9.79e-06
980	4	-8.48e-04	1.84e-03	-0.03	1.61e-04	0.0	4.64e-05
981	1	-3.49e-05	-1.67e-03	-0.02	-2.28e-04	0.0	-2.27e-06
981	2	-2.47e-03	3.96e-03	-0.07	3.19e-04	0.0	1.35e-04
981	3	-2.16e-04	-3.07e-04	-0.01	-6.25e-05	0.0	8.64e-06
981	4	-9.38e-04	1.36e-03	-0.03	9.95e-05	0.0	4.92e-05
982	1	-4.57e-05	-1.62e-03	-0.02	-2.25e-04	0.0	-8.92e-06
982	2	-2.55e-03	2.61e-03	-0.06	1.45e-04	0.0	1.35e-04
982	3	-2.25e-04	-3.83e-04	-0.01	-7.43e-05	0.0	6.53e-06
982	4	-9.66e-04	8.71e-04	-0.03	3.55e-05	0.0	4.91e-05
983	1	-2.91e-05	-1.49e-03	-0.02	-2.14e-04	0.0	-1.75e-05
983	2	-2.42e-03	1.30e-03	-0.06	-2.50e-05	0.0	1.26e-04
983	3	-2.10e-04	-4.32e-04	-0.01	-8.34e-05	0.0	3.14e-06
983	4	-9.19e-04	3.95e-04	-0.02	-2.73e-05	0.0	4.56e-05
984	1	2.16e-05	-1.26e-03	-0.02	-1.92e-04	0.0	-3.00e-05
984	2	-2.06e-03	1.41e-04	-0.06	-1.79e-04	0.0	1.05e-04
984	3	-1.64e-04	-4.38e-04	-0.01	-8.77e-05	0.0	-2.48e-06
984	4	-7.82e-04	-2.40e-05	-0.02	-8.38e-05	0.0	3.75e-05
985	1	1.16e-04	-8.72e-04	-0.02	-1.51e-04	0.0	-4.80e-05
985	2	-1.41e-03	-7.55e-04	-0.05	-2.99e-04	0.0	6.57e-05
985	3	-8.27e-05	-3.74e-04	-0.01	-8.29e-05	0.0	-1.17e-05
985	4	-5.36e-04	-3.39e-04	-0.02	-1.27e-04	0.0	2.20e-05
986	1	4.63e-04	-2.78e-04	-6.18e-03	-9.88e-05	0.0	5.89e-05
986	2	6.68e-03	9.71e-04	-0.03	-1.42e-04	0.0	-8.62e-05
986	3	6.58e-04	-1.99e-05	-5.34e-03	-5.02e-05	0.0	1.38e-05
986	4	2.50e-03	3.50e-04	-0.01	-6.29e-05	0.0	-2.92e-05
987	1	4.47e-04	-8.23e-04	-6.95e-03	-1.62e-04	0.0	5.17e-05
987	2	6.51e-03	1.82e-03	-0.05	-1.35e-05	0.0	-7.97e-05
987	3	6.40e-04	-1.41e-04	-6.40e-03	-6.12e-05	0.0	1.15e-05
987	4	2.44e-03	6.43e-04	-0.02	-1.72e-05	0.0	-2.75e-05
988	1	4.07e-04	-1.32e-03	-7.67e-03	-2.17e-04	0.0	4.85e-05
988	2	6.07e-03	2.57e-03	-0.05	9.66e-05	0.0	-7.00e-05
988	3	5.94e-04	-2.52e-04	-7.41e-03	-7.06e-05	0.0	1.10e-05
988	4	2.27e-03	9.00e-04	-0.02	2.22e-05	0.0	-2.42e-05
989	1	3.51e-04	-1.80e-03	-8.31e-03	-2.69e-04	0.0	4.71e-05
989	2	5.42e-03	3.22e-03	-0.06	1.92e-04	0.0	-6.01e-05
989	3	5.26e-04	-3.62e-04	-8.32e-03	-8.02e-05	0.0	1.11e-05
989	4	2.03e-03	1.12e-03	-0.02	5.65e-05	0.0	-2.07e-05
990	1	2.86e-04	-2.26e-03	-8.85e-03	-3.21e-04	0.0	4.55e-05
990	2	4.59e-03	3.76e-03	-0.07	2.72e-04	0.0	-4.83e-05
990	3	4.42e-04	-4.74e-04	-9.13e-03	-9.05e-05	0.0	1.12e-05
990	4	1.72e-03	1.31e-03	-0.03	8.52e-05	0.0	-1.65e-05
991	1	2.17e-04	-2.70e-03	-9.29e-03	-3.71e-04	0.0	4.32e-05
991	2	3.62e-03	4.18e-03	-0.08	3.34e-04	0.0	-3.45e-05
991	3	3.46e-04	-5.86e-04	-9.79e-03	-1.02e-04	0.0	1.14e-05
991	4	1.36e-03	1.45e-03	-0.03	1.07e-04	0.0	-1.16e-05
992	1	1.50e-04	-3.12e-03	-9.62e-03	-4.18e-04	0.0	4.01e-05
992	2	2.57e-03	4.45e-03	-0.08	3.77e-04	0.0	-1.92e-05
992	3	2.44e-04	-7.00e-04	-0.01	-1.13e-04	0.0	1.13e-05
992	4	9.60e-04	1.54e-03	-0.03	1.22e-04	0.0	-6.23e-06
993	1	9.20e-05	-3.50e-03	-9.86e-03	-4.61e-04	0.0	3.60e-05
993	2	1.46e-03	4.56e-03	-0.09	3.98e-04	0.0	-3.14e-06
993	3	1.40e-04	-8.12e-04	-0.01	-1.25e-04	0.0	1.11e-05
993	4	5.46e-04	1.58e-03	-0.03	1.29e-04	0.0	0.0
994	1	4.64e-05	-3.83e-03	-0.01	-5.00e-04	0.0	3.08e-05
994	2	3.43e-04	4.51e-03	-0.09	3.97e-04	0.0	1.30e-05
994	3	3.89e-05	-9.19e-04	-0.01	-1.37e-04	0.0	1.05e-05
994	4	1.27e-04	1.55e-03	-0.03	1.29e-04	0.0	5.19e-06
995	1	1.81e-05	-4.11e-03	-0.01	-5.32e-04	0.0	2.43e-05
995	2	-7.50e-04	4.30e-03	-0.09	3.75e-04	0.0	2.85e-05
995	3	-5.51e-05	-1.02e-03	-0.01	-1.48e-04	0.0	9.44e-06
995	4	-2.83e-04	1.47e-03	-0.03	1.20e-04	0.0	1.07e-05
996	1	1.11e-05	-4.31e-03	-0.01	-5.56e-04	0.0	1.65e-05
996	2	-1.78e-03	3.95e-03	-0.09	3.33e-04	0.0	4.26e-05
996	3	-1.38e-04	-1.11e-03	-0.01	-1.58e-04	0.0	7.92e-06



996	4	-6.68e-04	1.34e-03	-0.03	1.05e-04	0.0	1.57e-05
997	1	2.91e-05	-4.43e-03	-0.01	-5.70e-04	0.0	7.18e-06
997	2	-2.70e-03	3.46e-03	-0.08	2.73e-04	0.0	5.47e-05
997	3	-2.04e-04	-1.18e-03	-0.01	-1.67e-04	0.0	5.82e-06
997	4	-1.01e-03	1.16e-03	-0.03	8.27e-05	0.0	1.99e-05
998	1	7.56e-05	-4.45e-03	-0.01	-5.72e-04	0.0	-3.69e-06
998	2	-3.48e-03	2.86e-03	-0.08	1.98e-04	0.0	6.42e-05
998	3	-2.51e-04	-1.22e-03	-0.01	-1.73e-04	0.0	3.10e-06
998	4	-1.31e-03	9.47e-04	-0.03	5.50e-05	0.0	2.32e-05
999	1	1.54e-04	-4.35e-03	-0.01	-5.61e-04	0.0	-1.62e-05
999	2	-4.07e-03	2.19e-03	-0.08	1.11e-04	0.0	7.04e-05
999	3	-2.74e-04	-1.23e-03	-0.01	-1.76e-04	0.0	0.0
999	4	-1.53e-03	7.03e-04	-0.03	2.31e-05	0.0	2.53e-05
1000	1	2.66e-04	-4.12e-03	-0.01	-5.35e-04	0.0	-3.02e-05
1000	2	-4.44e-03	1.47e-03	-0.07	1.56e-05	0.0	7.30e-05
1000	3	-2.69e-04	-1.21e-03	-9.83e-03	-1.75e-04	0.0	-4.42e-06
1000	4	-1.66e-03	4.45e-04	-0.03	-1.17e-05	0.0	2.62e-05
1001	1	4.16e-04	-3.74e-03	-0.01	-4.91e-04	0.0	-4.59e-05
1001	2	-4.53e-03	7.44e-04	-0.06	-8.26e-05	0.0	7.16e-05
1001	3	-2.32e-04	-1.14e-03	-9.54e-03	-1.69e-04	0.0	-9.29e-06
1001	4	-1.70e-03	1.87e-04	-0.02	-4.76e-05	0.0	2.55e-05
1002	1	6.04e-04	-3.20e-03	-0.01	-4.28e-04	0.0	-6.42e-05
1002	2	-4.31e-03	5.92e-05	-0.06	-1.79e-04	0.0	6.54e-05
1002	3	-1.58e-04	-1.02e-03	-9.32e-03	-1.57e-04	0.0	-1.52e-05
1002	4	-1.61e-03	-5.66e-05	-0.02	-8.27e-05	0.0	2.32e-05
1003	1	8.35e-04	-2.44e-03	-0.01	-3.39e-04	0.0	-8.93e-05
1003	2	-3.72e-03	-5.34e-04	-0.05	-2.65e-04	0.0	5.18e-05
1003	3	-4.38e-05	-8.29e-04	-9.24e-03	-1.36e-04	0.0	-2.39e-05
1003	4	-1.39e-03	-2.65e-04	-0.02	-1.14e-04	0.0	1.79e-05
1004	1	1.11e-03	-1.38e-03	-0.02	-2.09e-04	0.0	-1.25e-04
1004	2	-2.71e-03	-9.46e-04	-0.05	-3.26e-04	0.0	1.99e-05
1004	3	1.17e-04	-5.32e-04	-9.36e-03	-1.01e-04	0.0	-3.78e-05
1004	4	-1.02e-03	-4.03e-04	-0.02	-1.36e-04	0.0	5.28e-06
1005	1	-4.24e-04	-3.82e-04	-3.71e-03	-1.05e-04	0.0	7.49e-05
1005	2	7.90e-03	4.79e-04	-0.03	-1.86e-04	0.0	-7.00e-06
1005	3	4.78e-04	-8.28e-05	-4.16e-03	-5.39e-05	0.0	2.40e-05
1005	4	2.94e-03	1.72e-04	-0.01	-7.79e-05	0.0	0.0
1006	1	-4.66e-04	-1.08e-03	-3.23e-03	-1.88e-04	0.0	6.61e-05
1006	2	7.65e-03	6.10e-04	-0.04	-1.50e-04	0.0	-1.32e-05
1006	3	4.46e-04	-2.99e-04	-4.94e-03	-7.76e-05	0.0	2.03e-05
1006	4	2.85e-03	2.02e-04	-0.02	-6.62e-05	0.0	-3.21e-06
1007	1	-5.17e-04	-1.72e-03	-2.67e-03	-2.62e-04	0.0	6.23e-05
1007	2	7.10e-03	7.39e-04	-0.05	-1.15e-04	0.0	-1.21e-05
1007	3	3.89e-04	-4.93e-04	-5.65e-03	-9.77e-05	0.0	1.90e-05
1007	4	2.65e-03	2.34e-04	-0.02	-5.43e-05	0.0	-3.07e-06
1008	1	-5.69e-04	-2.33e-03	-2.02e-03	-3.32e-04	0.0	6.09e-05
1008	2	6.31e-03	8.46e-04	-0.06	-8.57e-05	0.0	-9.43e-06
1008	3	3.12e-04	-6.81e-04	-6.25e-03	-1.17e-04	0.0	1.86e-05
1008	4	2.35e-03	2.60e-04	-0.02	-4.41e-05	0.0	-2.25e-06
1009	1	-6.14e-04	-2.93e-03	-1.28e-03	-4.02e-04	0.0	5.93e-05
1009	2	5.31e-03	9.23e-04	-0.07	-6.22e-05	0.0	-6.01e-06
1009	3	2.23e-04	-8.65e-04	-6.73e-03	-1.37e-04	0.0	1.82e-05
1009	4	1.98e-03	2.77e-04	-0.03	-3.61e-05	0.0	-1.14e-06
1010	1	-6.45e-04	-3.51e-03	-4.76e-04	-4.69e-04	0.0	5.71e-05
1010	2	4.17e-03	9.64e-04	-0.08	-4.56e-05	0.0	-2.08e-06
1010	3	1.26e-04	-1.04e-03	-7.06e-03	-1.56e-04	0.0	1.77e-05
1010	4	1.55e-03	2.82e-04	-0.03	-3.05e-05	0.0	0.0
1011	1	-6.53e-04	-4.07e-03	3.76e-04	-5.35e-04	0.0	5.38e-05
1011	2	2.92e-03	9.63e-04	-0.09	-3.63e-05	0.0	2.21e-06
1011	3	2.76e-05	-1.22e-03	-7.25e-03	-1.75e-04	0.0	1.68e-05
1011	4	1.09e-03	2.74e-04	-0.03	-2.76e-05	0.0	1.53e-06
1012	1	-6.31e-04	-4.58e-03	1.24e-03	-5.96e-04	0.0	4.94e-05
1012	2	1.61e-03	9.20e-04	-0.09	-3.45e-05	0.0	6.67e-06
1012	3	-6.62e-05	-1.38e-03	-7.30e-03	-1.94e-04	0.0	1.57e-05
1012	4	5.96e-04	2.52e-04	-0.03	-2.74e-05	0.0	2.99e-06
1013	1	-5.71e-04	-5.05e-03	2.06e-03	-6.51e-04	0.0	4.36e-05
1013	2	2.82e-04	8.31e-04	-0.09	-4.03e-05	0.0	1.11e-05
1013	3	-1.50e-04	-1.53e-03	-7.20e-03	-2.11e-04	0.0	1.41e-05
1013	4	1.03e-04	2.15e-04	-0.03	-2.99e-05	0.0	4.44e-06
1014	1	-4.66e-04	-5.45e-03	2.79e-03	-6.99e-04	0.0	3.62e-05
1014	2	-1.01e-03	6.99e-04	-0.09	-5.34e-05	0.0	1.53e-05
1014	3	-2.18e-04	-1.66e-03	-7.00e-03	-2.26e-04	0.0	1.20e-05
1014	4	-3.78e-04	1.64e-04	-0.03	-3.49e-05	0.0	5.81e-06
1015	1	-3.09e-04	-5.77e-03	3.35e-03	-7.38e-04	0.0	2.70e-05
1015	2	-2.22e-03	5.27e-04	-0.09	-7.35e-05	0.0	1.91e-05
1015	3	-2.64e-04	-1.77e-03	-6.70e-03	-2.39e-04	0.0	9.36e-06
1015	4	-8.30e-04	9.94e-05	-0.03	-4.25e-05	0.0	7.01e-06



1016	1	-9.34e-05	-5.98e-03	3.67e-03	-7.64e-04	0.0	1.56e-05
1016	2	-3.31e-03	3.21e-04	-0.09	-9.98e-05	0.0	2.21e-05
1016	3	-2.83e-04	-1.84e-03	-6.34e-03	-2.49e-04	0.0	6.04e-06
1016	4	-1.24e-03	2.44e-05	-0.03	-5.23e-05	0.0	7.97e-06
1017	1	8.00e-05	2.13e-04	-1.20e-03	-1.14e-04	6.46e-05	0.0
1017	2	-5.80e-05	4.35e-04	-1.54e-03	-1.10e-04	8.24e-05	0.0
1017	3	1.87e-05	1.04e-04	-4.89e-04	-4.46e-05	2.47e-05	0.0
1017	4	-2.22e-05	1.70e-04	-5.88e-04	-4.32e-05	3.00e-05	0.0
1018	1	0.0	0.0	0.0	-9.26e-05	0.0	0.0
1018	2	0.0	0.0	0.0	-1.29e-04	1.21e-06	0.0
1018	3	0.0	0.0	0.0	-3.81e-05	0.0	0.0
1018	4	0.0	0.0	0.0	-4.89e-05	0.0	0.0
1019	1	6.93e-05	1.53e-04	-1.83e-03	-1.68e-04	6.36e-05	0.0
1019	2	-4.30e-05	3.23e-04	-2.54e-03	-1.44e-04	1.17e-04	0.0
1019	3	1.61e-05	7.64e-05	-7.44e-04	-6.31e-05	2.72e-05	0.0
1019	4	-1.72e-05	1.27e-04	-9.54e-04	-5.60e-05	4.31e-05	0.0
1020	1	0.0	0.0	0.0	-1.43e-04	0.0	0.0
1020	2	0.0	0.0	0.0	-2.38e-04	1.48e-06	0.0
1020	3	0.0	0.0	0.0	-6.06e-05	0.0	0.0
1020	4	0.0	0.0	0.0	-8.86e-05	0.0	0.0
1021	1	6.46e-05	1.09e-04	-2.45e-03	-2.28e-04	6.28e-05	0.0
1021	2	-2.00e-05	2.50e-04	-3.82e-03	-2.25e-04	1.41e-04	0.0
1021	3	1.63e-05	5.67e-05	-1.02e-03	-8.65e-05	2.88e-05	0.0
1021	4	-8.78e-06	9.87e-05	-1.43e-03	-8.57e-05	5.19e-05	0.0
1022	1	0.0	0.0	0.0	-1.91e-04	0.0	0.0
1022	2	0.0	0.0	0.0	-3.58e-04	1.67e-06	0.0
1022	3	0.0	0.0	0.0	-8.33e-05	0.0	0.0
1022	4	0.0	0.0	0.0	-1.33e-04	0.0	0.0
1023	1	5.99e-05	7.14e-05	-3.06e-03	-2.87e-04	6.02e-05	0.0
1023	2	0.0	1.97e-04	-5.28e-03	-3.30e-04	1.53e-04	0.0
1023	3	1.63e-05	4.10e-05	-1.31e-03	-1.12e-04	2.90e-05	0.0
1023	4	-1.68e-06	7.84e-05	-1.96e-03	-1.25e-04	5.65e-05	0.0
1024	1	0.0	0.0	0.0	-2.37e-04	0.0	0.0
1024	2	0.0	0.0	0.0	-4.87e-04	1.80e-06	0.0
1024	3	0.0	0.0	0.0	-1.06e-04	0.0	0.0
1024	4	0.0	0.0	0.0	-1.80e-04	0.0	0.0
1025	1	5.35e-05	3.92e-05	-3.63e-03	-3.43e-04	5.49e-05	0.0
1025	2	1.15e-05	1.58e-04	-6.80e-03	-4.43e-04	1.52e-04	0.0
1025	3	1.55e-05	2.80e-05	-1.59e-03	-1.37e-04	2.73e-05	0.0
1025	4	3.04e-06	6.31e-05	-2.52e-03	-1.66e-04	5.60e-05	0.0
1026	1	0.0	0.0	0.0	-2.80e-04	0.0	0.0
1026	2	0.0	0.0	0.0	-6.19e-04	1.78e-06	0.0
1026	3	0.0	0.0	0.0	-1.29e-04	0.0	0.0
1026	4	0.0	0.0	0.0	-2.29e-04	0.0	0.0
1027	1	4.52e-05	1.17e-05	-4.13e-03	-3.93e-04	4.71e-05	0.0
1027	2	1.74e-05	1.28e-04	-8.23e-03	-5.51e-04	1.37e-04	0.0
1027	3	1.37e-05	1.72e-05	-1.84e-03	-1.59e-04	2.40e-05	0.0
1027	4	5.42e-06	5.16e-05	-3.05e-03	-2.06e-04	5.07e-05	0.0
1028	1	0.0	0.0	0.0	-3.18e-04	0.0	0.0
1028	2	0.0	0.0	0.0	-7.43e-04	1.61e-06	0.0
1028	3	0.0	0.0	0.0	-1.49e-04	0.0	0.0
1028	4	0.0	0.0	0.0	-2.75e-04	0.0	0.0
1029	1	3.53e-05	-1.08e-05	-4.55e-03	-4.34e-04	3.72e-05	0.0
1029	2	1.78e-05	1.06e-04	-9.47e-03	-6.45e-04	1.12e-04	0.0
1029	3	1.10e-05	8.58e-06	-2.05e-03	-1.78e-04	1.92e-05	0.0
1029	4	5.81e-06	4.31e-05	-3.51e-03	-2.41e-04	4.14e-05	0.0
1030	1	0.0	0.0	0.0	-3.50e-04	0.0	0.0
1030	2	0.0	0.0	0.0	-8.50e-04	1.32e-06	0.0
1030	3	0.0	0.0	0.0	-1.66e-04	0.0	0.0
1030	4	0.0	0.0	0.0	-3.14e-04	0.0	0.0
1031	1	2.44e-05	-2.72e-05	-4.86e-03	-4.64e-04	2.59e-05	0.0
1031	2	1.42e-05	9.05e-05	-0.01	-7.17e-04	7.90e-05	0.0
1031	3	7.76e-06	2.37e-06	-2.22e-03	-1.93e-04	1.35e-05	0.0
1031	4	4.71e-06	3.73e-05	-3.86e-03	-2.67e-04	2.92e-05	0.0
1032	1	0.0	0.0	0.0	-3.73e-04	0.0	0.0
1032	2	0.0	0.0	0.0	-9.32e-04	0.0	0.0
1032	3	0.0	0.0	0.0	-1.79e-04	0.0	0.0
1032	4	0.0	0.0	0.0	-3.45e-04	0.0	0.0
1033	1	1.29e-05	-3.68e-05	-5.06e-03	-4.83e-04	1.35e-05	0.0
1033	2	7.76e-06	8.16e-05	-0.01	-7.62e-04	4.08e-05	0.0
1033	3	4.14e-06	-1.24e-06	-2.32e-03	-2.02e-04	6.98e-06	0.0
1033	4	2.60e-06	3.38e-05	-4.08e-03	-2.84e-04	1.51e-05	0.0
1034	1	0.0	0.0	0.0	-3.88e-04	0.0	0.0
1034	2	0.0	0.0	0.0	-9.84e-04	0.0	0.0
1034	3	0.0	0.0	0.0	-1.87e-04	0.0	0.0
1034	4	0.0	0.0	0.0	-3.64e-04	0.0	0.0
1035	1	0.0	-3.88e-05	-5.13e-03	-4.90e-04	0.0	0.0



1035	2	0.0	7.87e-05	-0.01	-7.77e-04	0.0	0.0
1035	3	0.0	-2.09e-06	-2.35e-03	-2.05e-04	0.0	0.0
1035	4	0.0	3.27e-05	-4.15e-03	-2.90e-04	0.0	0.0
1036	1	0.0	0.0	0.0	-3.93e-04	0.0	0.0
1036	2	0.0	0.0	0.0	-1.00e-03	0.0	0.0
1036	3	0.0	0.0	0.0	-1.90e-04	0.0	0.0
1036	4	0.0	0.0	0.0	-3.70e-04	0.0	0.0
1037	1	-1.17e-05	-3.33e-05	-5.07e-03	-4.84e-04	-1.26e-05	0.0
1037	2	-7.76e-06	8.16e-05	-0.01	-7.62e-04	-4.08e-05	0.0
1037	3	-3.77e-06	0.0	-2.32e-03	-2.02e-04	-6.74e-06	0.0
1037	4	-2.60e-06	3.38e-05	-4.08e-03	-2.84e-04	-1.51e-05	0.0
1038	1	0.0	0.0	0.0	-3.89e-04	0.0	0.0
1038	2	0.0	0.0	0.0	-9.84e-04	0.0	0.0
1038	3	0.0	0.0	0.0	-1.87e-04	0.0	0.0
1038	4	0.0	0.0	0.0	-3.64e-04	0.0	0.0
1039	1	-2.47e-05	-2.11e-05	-4.88e-03	-4.66e-04	-2.54e-05	0.0
1039	2	-1.42e-05	9.05e-05	-0.01	-7.17e-04	-7.90e-05	0.0
1039	3	-7.82e-06	4.17e-06	-2.22e-03	-1.93e-04	-1.33e-05	0.0
1039	4	-4.71e-06	3.73e-05	-3.86e-03	-2.67e-04	-2.92e-05	0.0
1040	1	0.0	0.0	0.0	-3.74e-04	0.0	0.0
1040	2	0.0	0.0	0.0	-9.32e-04	0.0	0.0
1040	3	0.0	0.0	0.0	-1.79e-04	0.0	0.0
1040	4	0.0	0.0	0.0	-3.45e-04	0.0	0.0
1041	1	-3.74e-05	-3.34e-06	-4.57e-03	-4.35e-04	-3.72e-05	0.0
1041	2	-1.78e-05	1.06e-04	-9.47e-03	-6.45e-04	-1.12e-04	0.0
1041	3	-1.16e-05	1.08e-05	-2.06e-03	-1.79e-04	-1.92e-05	0.0
1041	4	-5.81e-06	4.31e-05	-3.51e-03	-2.41e-04	-4.14e-05	0.0
1042	1	0.0	0.0	0.0	-3.51e-04	0.0	0.0
1042	2	0.0	0.0	0.0	-8.50e-04	-1.32e-06	0.0
1042	3	0.0	0.0	0.0	-1.67e-04	0.0	0.0
1042	4	0.0	0.0	0.0	-3.14e-04	0.0	0.0
1043	1	-4.91e-05	1.90e-05	-4.15e-03	-3.94e-04	-4.75e-05	0.0
1043	2	-1.74e-05	1.28e-04	-8.23e-03	-5.51e-04	-1.37e-04	0.0
1043	3	-1.48e-05	1.94e-05	-1.84e-03	-1.60e-04	-2.41e-05	0.0
1043	4	-5.42e-06	5.16e-05	-3.05e-03	-2.06e-04	-5.07e-05	0.0
1044	1	0.0	0.0	0.0	-3.20e-04	0.0	0.0
1044	2	0.0	0.0	0.0	-7.43e-04	-1.61e-06	0.0
1044	3	0.0	0.0	0.0	-1.49e-04	0.0	0.0
1044	4	0.0	0.0	0.0	-2.75e-04	0.0	0.0
1045	1	-5.88e-05	4.52e-05	-3.64e-03	-3.44e-04	-5.57e-05	0.0
1045	2	-1.15e-05	1.58e-04	-6.80e-03	-4.43e-04	-1.52e-04	0.0
1045	3	-1.71e-05	2.98e-05	-1.59e-03	-1.37e-04	-2.76e-05	0.0
1045	4	-3.04e-06	6.31e-05	-2.52e-03	-1.66e-04	-5.60e-05	0.0
1046	1	0.0	0.0	0.0	-2.81e-04	0.0	0.0
1046	2	0.0	0.0	0.0	-6.19e-04	-1.78e-06	0.0
1046	3	0.0	0.0	0.0	-1.29e-04	0.0	0.0
1046	4	0.0	0.0	0.0	-2.29e-04	0.0	0.0
1047	1	-6.58e-05	7.51e-05	-3.06e-03	-2.87e-04	-6.13e-05	0.0
1047	2	0.0	1.97e-04	-5.28e-03	-3.30e-04	-1.53e-04	0.0
1047	3	-1.81e-05	4.21e-05	-1.31e-03	-1.12e-04	-2.93e-05	0.0
1047	4	1.68e-06	7.84e-05	-1.96e-03	-1.25e-04	-5.65e-05	0.0
1048	1	0.0	0.0	0.0	-2.37e-04	0.0	0.0
1048	2	0.0	0.0	0.0	-4.87e-04	-1.80e-06	0.0
1048	3	0.0	0.0	0.0	-1.06e-04	0.0	0.0
1048	4	0.0	0.0	0.0	-1.80e-04	0.0	0.0
1049	1	-7.04e-05	1.09e-04	-2.44e-03	-2.26e-04	-6.40e-05	0.0
1049	2	2.00e-05	2.50e-04	-3.82e-03	-2.25e-04	-1.41e-04	0.0
1049	3	-1.80e-05	5.69e-05	-1.02e-03	-8.61e-05	-2.91e-05	0.0
1049	4	8.78e-06	9.87e-05	-1.43e-03	-8.57e-05	-5.19e-05	0.0
1050	1	0.0	0.0	0.0	-1.91e-04	0.0	0.0
1050	2	0.0	0.0	0.0	-3.58e-04	-1.67e-06	0.0
1050	3	0.0	0.0	0.0	-8.31e-05	0.0	0.0
1050	4	0.0	0.0	0.0	-1.33e-04	0.0	0.0
1051	1	-7.42e-05	1.50e-04	-1.81e-03	-1.66e-04	-6.46e-05	0.0
1051	2	4.30e-05	3.23e-04	-2.54e-03	-1.44e-04	-1.17e-04	0.0
1051	3	-1.76e-05	7.56e-05	-7.38e-04	-6.25e-05	-2.75e-05	0.0
1051	4	1.72e-05	1.27e-04	-9.54e-04	-5.60e-05	-4.31e-05	0.0
1052	1	0.0	0.0	0.0	-1.42e-04	0.0	0.0
1052	2	0.0	0.0	0.0	-2.38e-04	-1.48e-06	0.0
1052	3	0.0	0.0	0.0	-6.01e-05	0.0	0.0
1052	4	0.0	0.0	0.0	-8.86e-05	0.0	0.0
1053	1	-8.29e-05	2.06e-04	-1.17e-03	-1.11e-04	-6.51e-05	0.0
1053	2	5.80e-05	4.35e-04	-1.54e-03	-1.10e-04	-8.24e-05	0.0
1053	3	-1.96e-05	1.02e-04	-4.80e-04	-4.37e-05	-2.49e-05	0.0
1053	4	2.22e-05	1.70e-04	-5.88e-04	-4.32e-05	-3.00e-05	0.0
1054	1	0.0	0.0	0.0	-9.04e-05	0.0	0.0
1054	2	0.0	0.0	0.0	-1.29e-04	-1.21e-06	0.0



1054	3	0.0	0.0	0.0	-3.74e-05	0.0	0.0
1054	4	0.0	0.0	0.0	-4.89e-05	0.0	0.0
1055	1	2.41e-04	4.11e-04	-2.87e-03	-1.72e-04	1.47e-04	-6.05e-06
1055	2	4.25e-05	8.04e-04	-2.82e-03	-1.38e-04	3.79e-05	-4.58e-06
1055	3	7.45e-05	1.99e-04	-1.12e-03	-6.52e-05	4.61e-05	-2.21e-06
1055	4	1.57e-05	3.15e-04	-1.10e-03	-5.51e-05	1.39e-05	-1.78e-06
1056	1	2.32e-04	3.04e-04	-4.38e-03	-2.77e-04	1.58e-04	-6.78e-06
1056	2	8.68e-05	6.17e-04	-3.81e-03	-1.33e-04	1.54e-04	-6.65e-06
1056	3	7.43e-05	1.50e-04	-1.64e-03	-9.62e-05	5.79e-05	-2.60e-06
1056	4	3.12e-05	2.42e-04	-1.47e-03	-5.36e-05	5.66e-05	-2.56e-06
1057	1	2.20e-04	2.19e-04	-5.96e-03	-3.83e-04	1.60e-04	-6.85e-06
1057	2	1.11e-04	4.84e-04	-5.72e-03	-1.58e-04	2.24e-04	-6.90e-06
1057	3	7.22e-05	1.13e-04	-2.25e-03	-1.29e-04	6.38e-05	-2.64e-06
1057	4	3.99e-05	1.91e-04	-2.17e-03	-6.30e-05	8.27e-05	-2.65e-06
1058	1	2.04e-04	1.48e-04	-7.52e-03	-4.86e-04	1.54e-04	-6.62e-06
1058	2	1.23e-04	3.86e-04	-8.13e-03	-2.04e-04	2.57e-04	-6.43e-06
1058	3	6.81e-05	8.29e-05	-2.88e-03	-1.64e-04	6.45e-05	-2.53e-06
1058	4	4.39e-05	1.53e-04	-3.06e-03	-8.02e-05	9.50e-05	-2.47e-06
1059	1	1.82e-04	8.62e-05	-8.98e-03	-5.83e-04	1.41e-04	-6.13e-06
1059	2	1.22e-04	3.13e-04	-0.01	-2.61e-04	2.59e-04	-5.60e-06
1059	3	6.14e-05	5.80e-05	-3.50e-03	-1.97e-04	6.07e-05	-2.31e-06
1059	4	4.37e-05	1.25e-04	-4.02e-03	-1.01e-04	9.59e-05	-2.15e-06
1060	1	1.53e-04	3.32e-05	-0.01	-6.70e-04	1.21e-04	-5.37e-06
1060	2	1.11e-04	2.57e-04	-0.01	-3.18e-04	2.37e-04	-4.58e-06
1060	3	5.22e-05	3.73e-05	-4.07e-03	-2.26e-04	5.31e-05	-2.00e-06
1060	4	3.97e-05	1.04e-04	-4.93e-03	-1.22e-04	8.75e-05	-1.76e-06
1061	1	1.19e-04	-1.05e-05	-0.01	-7.41e-04	9.54e-05	-4.31e-06
1061	2	9.09e-05	2.17e-04	-0.02	-3.70e-04	1.94e-04	-3.48e-06
1061	3	4.09e-05	2.07e-05	-4.54e-03	-2.51e-04	4.25e-05	-1.59e-06
1061	4	3.26e-05	8.81e-05	-5.72e-03	-1.42e-04	7.18e-05	-1.34e-06
1062	1	8.12e-05	-4.27e-05	-0.01	-7.94e-04	6.61e-05	-2.94e-06
1062	2	6.43e-05	1.89e-04	-0.02	-4.11e-04	1.37e-04	-2.33e-06
1062	3	2.81e-05	8.65e-06	-4.90e-03	-2.70e-04	2.97e-05	-1.08e-06
1062	4	2.31e-05	7.73e-05	-6.33e-03	-1.57e-04	5.08e-05	0.0
1063	1	4.11e-05	-6.13e-05	-0.01	-8.26e-04	3.42e-05	-1.31e-06
1063	2	3.33e-05	1.73e-04	-0.02	-4.36e-04	7.10e-05	-1.17e-06
1063	3	1.43e-05	1.66e-06	-5.12e-03	-2.82e-04	1.54e-05	0.0
1063	4	1.20e-05	7.11e-05	-6.71e-03	-1.66e-04	2.63e-05	0.0
1064	1	0.0	-6.49e-05	-0.01	-8.38e-04	0.0	0.0
1064	2	0.0	1.68e-04	-0.02	-4.45e-04	0.0	0.0
1064	3	0.0	0.0	-5.20e-03	-2.86e-04	0.0	0.0
1064	4	0.0	6.90e-05	-6.84e-03	-1.69e-04	0.0	0.0
1065	1	-4.30e-05	-5.35e-05	-0.01	-8.27e-04	-3.27e-05	2.04e-06
1065	2	-3.33e-05	1.73e-04	-0.02	-4.36e-04	-7.10e-05	1.17e-06
1065	3	-1.48e-05	3.99e-06	-5.13e-03	-2.82e-04	-1.49e-05	0.0
1065	4	-1.20e-05	7.11e-05	-6.71e-03	-1.66e-04	-2.63e-05	0.0
1066	1	-8.50e-05	-2.90e-05	-0.01	-7.94e-04	-6.53e-05	3.39e-06
1066	2	-6.43e-05	1.89e-04	-0.02	-4.11e-04	-1.37e-04	2.33e-06
1066	3	-2.92e-05	1.27e-05	-4.91e-03	-2.70e-04	-2.95e-05	1.21e-06
1066	4	-2.31e-05	7.73e-05	-6.33e-03	-1.57e-04	-5.08e-05	0.0
1067	1	-1.25e-04	5.99e-06	-0.01	-7.41e-04	-9.54e-05	4.43e-06
1067	2	-9.09e-05	2.17e-04	-0.02	-3.70e-04	-1.94e-04	3.48e-06
1067	3	-4.27e-05	2.56e-05	-4.55e-03	-2.52e-04	-4.26e-05	1.62e-06
1067	4	-3.26e-05	8.81e-05	-5.72e-03	-1.42e-04	-7.18e-05	1.34e-06
1068	1	-1.61e-04	4.91e-05	-0.01	-6.70e-04	-1.22e-04	5.19e-06
1068	2	-1.11e-04	2.57e-04	-0.01	-3.18e-04	-2.37e-04	4.58e-06
1068	3	-5.45e-05	4.20e-05	-4.08e-03	-2.27e-04	-5.34e-05	1.94e-06
1068	4	-3.97e-05	1.04e-04	-4.93e-03	-1.22e-04	-8.75e-05	1.76e-06
1069	1	-1.90e-04	9.89e-05	-8.99e-03	-5.83e-04	-1.42e-04	5.74e-06
1069	2	-1.22e-04	3.13e-04	-0.01	-2.61e-04	-2.59e-04	5.60e-06
1069	3	-6.39e-05	6.17e-05	-3.51e-03	-1.97e-04	-6.12e-05	2.19e-06
1069	4	-4.37e-05	1.25e-04	-4.02e-03	-1.01e-04	-9.59e-05	2.15e-06
1070	1	-2.12e-04	1.55e-04	-7.51e-03	-4.85e-04	-1.56e-04	6.11e-06
1070	2	-1.23e-04	3.86e-04	-8.13e-03	-2.04e-04	-2.57e-04	6.43e-06
1070	3	-7.05e-05	8.51e-05	-2.88e-03	-1.63e-04	-6.52e-05	2.38e-06
1070	4	-4.39e-05	1.53e-04	-3.06e-03	-8.02e-05	-9.50e-05	2.47e-06
1071	1	-2.27e-04	2.20e-04	-5.93e-03	-3.80e-04	-6.31e-04	6.31e-06
1071	2	-1.11e-04	4.84e-04	-5.72e-03	-1.58e-04	-2.24e-04	6.90e-06
1071	3	-7.42e-05	1.13e-04	-2.24e-03	-1.29e-04	-6.45e-05	2.48e-06
1071	4	-3.99e-05	1.91e-04	-2.17e-03	-6.30e-05	-8.27e-05	2.65e-06
1072	1	-2.36e-04	2.98e-04	-4.33e-03	-2.74e-04	-1.60e-04	6.26e-06
1072	2	-8.68e-05	6.17e-04	-3.81e-03	-1.33e-04	-1.54e-04	6.65e-06
1072	3	-7.55e-05	1.48e-04	-1.62e-03	-9.52e-05	-5.85e-05	2.45e-06
1072	4	-3.12e-05	2.42e-04	-1.47e-03	-5.36e-05	-5.66e-05	2.56e-06
1073	1	-2.42e-04	3.96e-04	-2.80e-03	-1.68e-04	-1.48e-04	5.63e-06
1073	2	-4.25e-05	8.04e-04	-2.82e-03	-1.38e-04	-3.79e-05	4.58e-06
1073	3	-7.47e-05	1.94e-04	-1.10e-03	-6.41e-05	-4.64e-05	2.09e-06



1073	4	-1.57e-05	3.15e-04	-1.10e-03	-5.51e-05	-1.39e-05	1.78e-06
1074	1	-3.68e-04	5.29e-04	-4.97e-03	-2.63e-04	-2.78e-04	0.0
1074	2	1.28e-05	1.05e-03	-4.58e-03	-1.94e-04	-2.75e-05	0.0
1074	3	-1.09e-04	2.58e-04	-1.92e-03	-9.78e-05	-8.40e-05	0.0
1074	4	4.27e-06	4.13e-04	-1.80e-03	-7.71e-05	-9.87e-06	0.0
1075	1	-3.79e-04	4.09e-04	-7.81e-03	-4.24e-04	-2.98e-04	0.0
1075	2	-5.86e-05	8.27e-04	-5.51e-03	-1.70e-04	-1.55e-04	0.0
1075	3	-1.16e-04	2.02e-04	-2.83e-03	-1.44e-04	-9.95e-05	0.0
1075	4	-2.12e-05	3.26e-04	-2.15e-03	-6.84e-05	-5.71e-05	0.0
1076	1	-3.78e-04	3.10e-04	-0.01	-5.97e-04	-3.02e-04	0.0
1076	2	-1.06e-04	6.61e-04	-7.50e-03	-1.65e-04	-2.42e-04	0.0
1076	3	-1.19e-04	1.58e-04	-3.85e-03	-1.94e-04	-1.07e-04	0.0
1076	4	-3.83e-05	2.62e-04	-2.88e-03	-6.64e-05	-8.93e-05	0.0
1077	1	-3.61e-04	2.25e-04	-0.01	-7.68e-04	-2.91e-04	0.0
1077	2	-1.32e-04	5.34e-04	-0.01	-1.70e-04	-2.87e-04	0.0
1077	3	-1.16e-04	1.21e-04	-4.92e-03	-2.46e-04	-1.07e-04	0.0
1077	4	-4.76e-05	2.13e-04	-3.86e-03	-6.86e-05	-1.06e-04	0.0
1078	1	-3.29e-04	1.51e-04	-0.02	-9.28e-04	-2.65e-04	0.0
1078	2	-1.39e-04	4.38e-04	-0.01	-1.83e-04	-2.94e-04	0.0
1078	3	-1.06e-04	9.04e-05	-5.95e-03	-2.94e-04	-1.00e-04	0.0
1078	4	-5.02e-05	1.75e-04	-4.93e-03	-7.35e-05	-1.09e-04	0.0
1079	1	-2.82e-04	8.58e-05	-0.02	-1.07e-03	-2.26e-04	0.0
1079	2	-1.31e-04	3.66e-04	-0.02	-2.00e-04	-2.72e-04	0.0
1079	3	-9.20e-05	6.43e-05	-6.87e-03	-3.38e-04	-8.71e-05	0.0
1079	4	-4.71e-05	1.47e-04	-5.97e-03	-7.97e-05	-1.00e-04	0.0
1080	1	-2.22e-04	2.81e-05	-0.02	-1.19e-03	-1.78e-04	0.0
1080	2	-1.09e-04	3.13e-04	-0.02	-2.16e-04	-2.25e-04	0.0
1080	3	-7.29e-05	4.23e-05	-7.65e-03	-3.74e-04	-6.93e-05	0.0
1080	4	-3.94e-05	1.27e-04	-6.89e-03	-8.59e-05	-8.31e-05	0.0
1081	1	-1.54e-04	-1.99e-05	-0.02	-1.28e-03	-1.22e-04	0.0
1081	2	-7.84e-05	2.77e-04	-0.02	-2.31e-04	-1.60e-04	0.0
1081	3	-5.06e-05	2.47e-05	-8.23e-03	-4.01e-04	-4.80e-05	0.0
1081	4	-2.83e-05	1.13e-04	-7.59e-03	-9.12e-05	-5.91e-05	0.0
1082	1	-7.99e-05	-5.46e-05	-0.02	-1.33e-03	-6.18e-05	0.0
1082	2	-4.08e-05	2.55e-04	-0.02	-2.40e-04	-8.28e-05	0.0
1082	3	-2.63e-05	1.25e-05	-8.59e-03	-4.18e-04	-2.44e-05	0.0
1082	4	-1.47e-05	1.04e-04	-8.04e-03	-9.48e-05	-3.06e-05	0.0
1083	1	-4.28e-06	-7.13e-05	-0.02	-1.35e-03	0.0	0.0
1083	2	0.0	2.48e-04	-0.02	-2.43e-04	0.0	0.0
1083	3	-1.27e-06	6.90e-06	-8.71e-03	-4.24e-04	0.0	0.0
1083	4	0.0	1.02e-04	-8.19e-03	-9.60e-05	0.0	0.0
1084	1	7.06e-05	-6.70e-05	-0.02	-1.33e-03	6.29e-05	0.0
1084	2	4.08e-05	2.55e-04	-0.02	-2.40e-04	8.28e-05	0.0
1084	3	2.36e-05	8.84e-06	-8.59e-03	-4.18e-04	2.47e-05	0.0
1084	4	1.47e-05	1.04e-04	-8.04e-03	-9.48e-05	3.06e-05	0.0
1085	1	1.43e-04	-4.12e-05	-0.02	-1.28e-03	1.22e-04	0.0
1085	2	7.84e-05	2.77e-04	-0.02	-2.31e-04	1.60e-04	0.0
1085	3	4.74e-05	1.84e-05	-8.23e-03	-4.02e-04	4.81e-05	0.0
1085	4	2.83e-05	1.13e-04	-7.59e-03	-9.12e-05	5.91e-05	0.0
1086	1	2.11e-04	3.32e-06	-0.02	-1.19e-03	1.77e-04	0.0
1086	2	1.09e-04	3.13e-04	-0.02	-2.16e-04	2.25e-04	0.0
1086	3	6.94e-05	3.50e-05	-7.65e-03	-3.76e-04	6.91e-05	0.0
1086	4	3.94e-05	1.27e-04	-6.89e-03	-8.59e-05	8.31e-05	0.0
1087	1	2.70e-04	6.26e-05	-0.02	-1.08e-03	2.25e-04	0.0
1087	2	1.31e-04	3.66e-04	-0.02	-2.00e-04	2.72e-04	0.0
1087	3	8.85e-05	5.74e-05	-6.87e-03	-3.40e-04	8.66e-05	0.0
1087	4	4.71e-05	1.47e-04	-5.97e-03	-7.97e-05	1.00e-04	0.0
1088	1	3.19e-04	1.34e-04	-0.02	-9.37e-04	2.62e-04	0.0
1088	2	1.39e-04	4.38e-04	-0.01	-1.83e-04	2.94e-04	0.0
1088	3	1.03e-04	8.51e-05	-5.95e-03	-2.97e-04	9.93e-05	0.0
1088	4	5.02e-05	1.75e-04	-4.93e-03	-7.35e-05	1.09e-04	0.0
1089	1	3.54e-04	2.16e-04	-0.01	-7.77e-04	2.87e-04	0.0
1089	2	1.32e-04	5.34e-04	-0.01	-1.70e-04	2.87e-04	0.0
1089	3	1.13e-04	1.18e-04	-4.93e-03	-2.48e-04	1.06e-04	0.0
1089	4	4.76e-05	2.13e-04	-3.86e-03	-6.86e-05	1.06e-04	0.0
1090	1	3.75e-04	3.09e-04	-0.01	-6.06e-04	2.99e-04	0.0
1090	2	1.06e-04	6.61e-04	-7.50e-03	-1.65e-04	2.42e-04	0.0
1090	3	1.18e-04	1.58e-04	-3.88e-03	-1.97e-04	1.06e-04	0.0
1090	4	3.83e-05	2.62e-04	-2.88e-03	-6.64e-05	8.93e-05	0.0
1091	1	3.80e-04	4.19e-04	-7.92e-03	-4.34e-04	2.95e-04	0.0
1091	2	5.86e-05	8.27e-04	-5.51e-03	-1.70e-04	1.55e-04	0.0
1091	3	1.17e-04	2.05e-04	-2.86e-03	-1.46e-04	9.88e-05	0.0
1091	4	2.12e-05	3.26e-04	-2.15e-03	-6.84e-05	5.71e-05	0.0
1092	1	3.74e-04	5.51e-04	-5.10e-03	-2.72e-04	2.76e-04	0.0
1092	2	-1.28e-05	1.05e-03	-4.58e-03	-1.94e-04	2.75e-05	0.0
1092	3	1.10e-04	2.65e-04	-1.96e-03	-1.00e-04	8.36e-05	0.0
1092	4	-4.27e-06	4.13e-04	-1.80e-03	-7.71e-05	9.87e-06	0.0



1093	1	-5.58e-04	6.33e-04	-7.94e-03	-3.33e-04	-4.75e-04	8.30e-06
1093	2	-6.68e-05	1.25e-03	-6.56e-03	-2.21e-04	1.60e-05	8.33e-06
1093	3	-1.72e-04	3.09e-04	-3.00e-03	-1.21e-04	-1.39e-04	3.25e-06
1093	4	-2.60e-05	4.91e-04	-2.60e-03	-8.78e-05	6.03e-06	3.26e-06
1094	1	-5.95e-04	5.03e-04	-0.01	-6.00e-04	-5.16e-04	1.05e-05
1094	2	-1.61e-04	1.00e-03	-7.21e-03	-2.04e-04	-1.36e-04	1.15e-05
1094	3	-1.89e-04	2.48e-04	-4.52e-03	-1.99e-04	-1.63e-04	4.18e-06
1094	4	-6.00e-05	3.97e-04	-2.83e-03	-8.20e-05	-5.02e-05	4.49e-06
1095	1	-6.04e-04	3.92e-04	-0.02	-8.74e-04	-5.25e-04	1.07e-05
1095	2	-2.14e-04	8.16e-04	-9.08e-03	-1.90e-04	-2.34e-04	1.14e-05
1095	3	-1.95e-04	1.98e-04	-6.19e-03	-2.79e-04	-1.73e-04	4.24e-06
1095	4	-7.90e-05	3.24e-04	-3.53e-03	-7.68e-05	-8.65e-05	4.44e-06
1096	1	-5.85e-04	2.96e-04	-0.02	-1.14e-03	-5.06e-04	1.03e-05
1096	2	-2.37e-04	6.70e-04	-0.01	-1.80e-04	-2.86e-04	1.01e-05
1096	3	-1.90e-04	1.56e-04	-7.90e-03	-3.59e-04	-1.71e-04	4.00e-06
1096	4	-8.70e-05	2.67e-04	-4.49e-03	-7.31e-05	-1.06e-04	3.92e-06
1097	1	-5.38e-04	2.12e-04	-0.03	-1.40e-03	-4.61e-04	9.67e-06
1097	2	-2.35e-04	5.58e-04	-0.01	-1.74e-04	-2.98e-04	8.36e-06
1097	3	-1.76e-04	1.21e-04	-9.53e-03	-4.34e-04	-1.59e-04	3.65e-06
1097	4	-8.60e-05	2.23e-04	-5.57e-03	-7.09e-05	-1.10e-04	3.26e-06
1098	1	-4.66e-04	1.37e-04	-0.03	-1.62e-03	-3.95e-04	8.89e-06
1098	2	-2.12e-04	4.73e-04	-0.02	-1.70e-04	-2.78e-04	6.59e-06
1098	3	-1.53e-04	9.06e-05	-0.01	-5.00e-04	-1.38e-04	3.26e-06
1098	4	-7.76e-05	1.90e-04	-6.63e-03	-6.99e-05	-1.03e-04	2.58e-06
1099	1	-3.71e-04	6.85e-05	-0.04	-1.81e-03	-3.12e-04	7.86e-06
1099	2	-1.74e-04	4.10e-04	-0.02	-1.69e-04	-2.31e-04	4.86e-06
1099	3	-1.22e-04	6.45e-05	-0.01	-5.56e-04	-1.10e-04	2.79e-06
1099	4	-6.34e-05	1.66e-04	-7.57e-03	-6.96e-05	-8.57e-05	1.90e-06
1100	1	-2.59e-04	9.44e-06	-0.04	-1.95e-03	-2.15e-04	6.34e-06
1100	2	-1.23e-04	3.67e-04	-0.02	-1.70e-04	-1.65e-04	3.20e-06
1100	3	-8.53e-05	4.29e-05	-0.01	-5.97e-04	-7.60e-05	2.18e-06
1100	4	-4.47e-05	1.49e-04	-8.30e-03	-6.97e-05	-6.12e-05	1.25e-06
1101	1	-1.37e-04	-3.51e-05	-0.04	-2.04e-03	-1.10e-04	4.06e-06
1101	2	-6.33e-05	3.43e-04	-0.02	-1.70e-04	-8.59e-05	1.58e-06
1101	3	-4.51e-05	2.74e-05	-0.01	-6.23e-04	-3.91e-05	1.35e-06
1101	4	-2.31e-05	1.39e-04	-8.76e-03	-6.99e-05	-3.18e-05	0.0
1102	1	-1.10e-05	-5.79e-05	-0.04	-2.07e-03	-1.72e-06	1.01e-06
1102	2	0.0	3.34e-04	-0.02	-1.70e-04	0.0	0.0
1102	3	-3.27e-06	1.99e-05	-0.01	-6.33e-04	0.0	0.0
1102	4	0.0	1.36e-04	-8.92e-03	-7.00e-05	0.0	0.0
1103	1	1.15e-04	-5.31e-05	-0.04	-2.05e-03	1.07e-04	-2.39e-06
1103	2	6.33e-05	3.43e-04	-0.02	-1.70e-04	8.59e-05	-1.58e-06
1103	3	3.85e-05	2.21e-05	-0.01	-6.26e-04	3.80e-05	0.0
1103	4	2.31e-05	1.39e-04	-8.76e-03	-6.99e-05	3.18e-05	0.0
1104	1	2.37e-04	-2.05e-05	-0.04	-1.97e-03	2.11e-04	-5.49e-06
1104	2	1.23e-04	3.67e-04	-0.02	-1.70e-04	1.65e-04	-3.20e-06
1104	3	7.87e-05	3.41e-05	-0.01	-6.02e-04	7.48e-05	-1.93e-06
1104	4	4.47e-05	1.49e-04	-8.30e-03	-6.97e-05	6.12e-05	-1.25e-06
1105	1	3.51e-04	3.51e-05	-0.04	-1.83e-03	3.07e-04	-7.84e-06
1105	2	1.74e-04	4.10e-04	-0.02	-1.69e-04	2.31e-04	-4.86e-06
1105	3	1.16e-04	5.46e-05	-0.01	-5.63e-04	1.08e-04	-2.78e-06
1105	4	6.34e-05	1.66e-04	-7.57e-03	-6.96e-05	8.57e-05	-1.90e-06
1106	1	4.50e-04	1.07e-04	-0.03	-1.65e-03	3.90e-04	-9.46e-06
1106	2	2.12e-04	4.73e-04	-0.02	-1.70e-04	2.78e-04	-6.59e-06
1106	3	1.48e-04	8.18e-05	-0.01	-5.09e-04	1.36e-04	-3.42e-06
1106	4	7.76e-05	1.90e-04	-6.63e-03	-6.99e-05	1.03e-04	-2.58e-06
1107	1	5.28e-04	1.91e-04	-0.03	-1.43e-03	4.57e-04	-1.06e-05
1107	2	2.35e-04	5.58e-04	-0.01	-1.74e-04	2.98e-04	-8.36e-06
1107	3	1.73e-04	1.15e-04	-9.60e-03	-4.44e-04	1.57e-04	-3.92e-06
1107	4	8.60e-05	2.23e-04	-5.57e-03	-7.09e-05	1.10e-04	-3.26e-06
1108	1	5.82e-04	2.86e-04	-0.02	-1.18e-03	5.03e-04	-1.14e-05
1108	2	2.37e-04	6.70e-04	-0.01	-1.80e-04	2.86e-04	-1.01e-05
1108	3	1.89e-04	1.53e-04	-7.97e-03	-3.69e-04	1.70e-04	-4.32e-06
1108	4	8.70e-05	2.67e-04	-4.49e-03	-7.31e-05	1.06e-04	-3.92e-06
1109	1	6.08e-04	3.93e-04	-0.02	-9.06e-04	5.24e-04	-1.19e-05
1109	2	2.14e-04	8.16e-04	-9.08e-03	-1.90e-04	2.34e-04	-1.14e-05
1109	3	1.96e-04	1.99e-04	-6.27e-03	-2.89e-04	1.73e-04	-4.58e-06
1109	4	7.90e-05	3.24e-04	-3.53e-03	-7.68e-05	8.65e-05	-4.44e-06
1110	1	6.05e-04	5.17e-04	-0.01	-6.25e-04	5.17e-04	-1.16e-05
1110	2	1.61e-04	1.00e-03	-7.21e-03	-2.04e-04	1.36e-04	-1.15e-05
1110	3	1.92e-04	2.53e-04	-4.60e-03	-2.07e-04	1.63e-04	-4.50e-06
1110	4	6.00e-05	3.97e-04	-2.83e-03	-8.20e-05	5.02e-05	-4.49e-06
1111	1	5.74e-04	6.61e-04	-8.18e-03	-3.49e-04	4.80e-04	-9.19e-06
1111	2	6.68e-05	1.25e-03	-6.56e-03	-2.21e-04	-1.60e-05	-8.33e-06
1111	3	1.76e-04	3.18e-04	-3.07e-03	-1.26e-04	1.41e-04	-3.52e-06
1111	4	2.60e-05	4.91e-04	-2.60e-03	-8.78e-05	-6.03e-06	-3.26e-06
1112	1	7.16e-04	7.40e-04	-0.01	-4.62e-04	7.93e-04	0.0



1112	2	0.0	1.41e-03	-9.12e-03	-2.73e-04	-2.20e-05	0.0
1112	3	2.14e-04	3.59e-04	-4.54e-03	-1.65e-04	2.33e-04	0.0
1112	4	1.46e-06	5.56e-04	-3.61e-03	-1.09e-04	-8.36e-06	0.0
1113	1	7.83e-04	5.93e-04	-0.02	-8.10e-04	8.54e-04	0.0
1113	2	1.09e-04	1.15e-03	-9.64e-03	-2.48e-04	1.21e-04	0.0
1113	3	2.41e-04	2.91e-04	-7.00e-03	-2.66e-04	2.62e-04	0.0
1113	4	4.12e-05	4.57e-04	-3.80e-03	-9.94e-05	4.47e-05	0.0
1114	1	8.09e-04	4.66e-04	-0.03	-1.19e-03	8.66e-04	0.0
1114	2	1.80e-04	9.51e-04	-0.01	-2.31e-04	2.20e-04	0.0
1114	3	2.53e-04	2.35e-04	-9.65e-03	-3.78e-04	2.73e-04	0.0
1114	4	6.69e-05	3.78e-04	-4.44e-03	-9.30e-05	8.14e-05	0.0
1115	1	7.91e-04	3.55e-04	-0.04	-1.58e-03	8.32e-04	0.0
1115	2	2.17e-04	7.93e-04	-0.01	-2.17e-04	2.75e-04	0.0
1115	3	2.50e-04	1.87e-04	-0.01	-4.92e-04	2.67e-04	0.0
1115	4	7.99e-05	3.16e-04	-5.35e-03	-8.80e-05	1.02e-04	0.0
1116	1	7.30e-04	2.57e-04	-0.05	-1.95e-03	7.55e-04	0.0
1116	2	2.24e-04	6.69e-04	-0.02	-2.06e-04	2.90e-04	0.0
1116	3	2.32e-04	1.46e-04	-0.01	-6.01e-04	2.45e-04	0.0
1116	4	8.24e-05	2.68e-04	-6.40e-03	-8.40e-05	1.08e-04	0.0
1117	1	6.29e-04	1.69e-04	-0.05	-2.28e-03	6.44e-04	0.0
1117	2	2.08e-04	5.75e-04	-0.02	-1.97e-04	2.72e-04	0.0
1117	3	2.01e-04	1.11e-04	-0.02	-6.97e-04	2.11e-04	0.0
1117	4	7.62e-05	2.31e-04	-7.44e-03	-8.08e-05	1.01e-04	0.0
1118	1	4.93e-04	8.92e-05	-0.06	-2.55e-03	5.05e-04	0.0
1118	2	1.73e-04	5.06e-04	-0.02	-1.91e-04	2.28e-04	0.0
1118	3	1.58e-04	8.06e-05	-0.02	-7.77e-04	1.67e-04	0.0
1118	4	6.32e-05	2.04e-04	-8.36e-03	-7.83e-05	8.44e-05	0.0
1119	1	3.32e-04	2.44e-05	-0.06	-2.75e-03	3.47e-04	0.0
1119	2	1.23e-04	4.59e-04	-0.02	-1.86e-04	1.63e-04	0.0
1119	3	1.07e-04	5.68e-05	-0.02	-8.36e-04	1.15e-04	0.0
1119	4	4.50e-05	1.85e-04	-9.08e-03	-7.65e-05	6.04e-05	0.0
1120	1	1.57e-04	-1.51e-05	-0.06	-2.86e-03	1.72e-04	0.0
1120	2	6.38e-05	4.31e-04	-0.03	-1.83e-04	8.49e-05	0.0
1120	3	5.09e-05	4.24e-05	-0.02	-8.70e-04	5.71e-05	0.0
1120	4	2.34e-05	1.75e-04	-9.54e-03	-7.55e-05	3.15e-05	0.0
1121	1	-2.46e-05	-1.98e-05	-0.07	-2.89e-03	-1.21e-05	0.0
1121	2	0.0	4.22e-04	-0.03	-1.82e-04	0.0	0.0
1121	3	-7.29e-06	4.02e-05	-0.02	-8.78e-04	-3.60e-06	0.0
1121	4	0.0	1.71e-04	-9.69e-03	-7.51e-05	0.0	0.0
1122	1	-2.05e-04	9.80e-06	-0.06	-2.83e-03	-1.93e-04	0.0
1122	2	-6.38e-05	4.31e-04	-0.03	-1.83e-04	-8.49e-05	0.0
1122	3	-6.52e-05	4.98e-05	-0.02	-8.61e-04	-6.36e-05	0.0
1122	4	-2.34e-05	1.75e-04	-9.54e-03	-7.55e-05	-3.15e-05	0.0
1123	1	-3.76e-04	6.34e-05	-0.06	-2.69e-03	-3.64e-04	0.0
1123	2	-1.23e-04	4.59e-04	-0.02	-1.86e-04	-1.63e-04	0.0
1123	3	-1.20e-04	6.84e-05	-0.02	-8.18e-04	-1.20e-04	0.0
1123	4	-4.50e-05	1.85e-04	-9.08e-03	-7.65e-05	-6.04e-05	0.0
1124	1	-5.27e-04	1.29e-04	-0.06	-2.47e-03	-5.21e-04	0.0
1124	2	-1.73e-04	5.06e-04	-0.02	-1.91e-04	-2.28e-04	0.0
1124	3	-1.68e-04	9.25e-05	-0.02	-7.54e-04	-1.71e-04	0.0
1124	4	-6.32e-05	2.04e-04	-8.36e-03	-7.83e-05	-8.44e-05	0.0
1125	1	-6.48e-04	2.02e-04	-0.05	-2.19e-03	-6.56e-04	0.0
1125	2	-2.08e-04	5.75e-04	-0.02	-1.97e-04	-2.72e-04	0.0
1125	3	-2.07e-04	1.21e-04	-0.02	-6.70e-04	-2.15e-04	0.0
1125	4	-7.62e-05	2.31e-04	-7.44e-03	-8.08e-05	-1.01e-04	0.0
1126	1	-7.33e-04	2.79e-04	-0.04	-1.85e-03	-7.62e-04	0.0
1126	2	-2.24e-04	6.69e-04	-0.02	-2.06e-04	-2.90e-04	0.0
1126	3	-2.33e-04	1.53e-04	-0.01	-5.72e-04	-2.47e-04	0.0
1126	4	-8.24e-05	2.68e-04	-6.40e-03	-8.40e-05	-1.08e-04	0.0
1127	1	-7.80e-04	3.64e-04	-0.04	-1.49e-03	-8.30e-04	0.0
1127	2	-2.17e-04	7.93e-04	-0.01	-2.17e-04	-2.75e-04	0.0
1127	3	-2.47e-04	1.89e-04	-0.01	-4.65e-04	-2.66e-04	0.0
1127	4	-7.99e-05	3.16e-04	-5.35e-03	-8.80e-05	-1.02e-04	0.0
1128	1	-7.87e-04	4.61e-04	-0.03	-1.12e-03	-8.56e-04	0.0
1128	2	-1.80e-04	9.51e-04	-0.01	-2.31e-04	-2.20e-04	0.0
1128	3	-2.46e-04	2.33e-04	-9.42e-03	-3.56e-04	-2.70e-04	0.0
1128	4	-6.69e-05	3.78e-04	-4.44e-03	-9.30e-05	-8.14e-05	0.0
1129	1	-7.53e-04	5.74e-04	-0.02	-7.56e-04	-8.37e-04	0.0
1129	2	-1.09e-04	1.15e-03	-9.64e-03	-2.48e-04	-1.21e-04	0.0
1129	3	-2.32e-04	2.86e-04	-6.80e-03	-2.50e-04	-2.57e-04	0.0
1129	4	-4.12e-05	4.57e-04	-3.80e-03	-9.94e-05	-4.47e-05	0.0
1130	1	-6.82e-04	7.07e-04	-0.01	-4.30e-04	-7.72e-04	0.0
1130	2	0.0	1.41e-03	-9.12e-03	-2.73e-04	2.20e-05	0.0
1130	3	-2.04e-04	3.49e-04	-4.40e-03	-1.55e-04	-2.27e-04	0.0
1130	4	-1.46e-06	5.56e-04	-3.61e-03	-1.09e-04	8.36e-06	0.0
1131	1	9.70e-04	7.76e-04	-0.02	-4.69e-04	1.14e-03	-8.80e-06
1131	2	7.42e-05	1.53e-03	-0.01	-2.95e-04	-5.71e-05	-9.67e-06



1131	3	2.95e-04	3.83e-04	-6.22e-03	-1.69e-04	3.33e-04	-3.55e-06
1131	4	2.98e-05	6.07e-04	-4.71e-03	-1.18e-04	-2.12e-05	-3.80e-06
1132	1	1.08e-03	6.39e-04	-0.03	-8.89e-04	1.26e-03	-1.21e-05
1132	2	1.97e-04	1.27e-03	-0.01	-2.89e-04	1.02e-04	-1.34e-05
1132	3	3.37e-04	3.19e-04	-9.81e-03	-2.93e-04	3.81e-04	-4.88e-06
1132	4	7.42e-05	5.07e-04	-4.82e-03	-1.16e-04	3.77e-05	-5.28e-06
1133	1	1.13e-03	5.22e-04	-0.04	-1.35e-03	1.30e-03	-1.28e-05
1133	2	2.68e-04	1.07e-03	-0.01	-2.80e-04	2.06e-04	-1.35e-05
1133	3	3.56e-04	2.64e-04	-0.01	-4.29e-04	4.02e-04	-5.10e-06
1133	4	9.99e-05	4.25e-04	-5.40e-03	-1.12e-04	7.63e-05	-5.30e-06
1134	1	1.12e-03	4.21e-04	-0.05	-1.83e-03	1.27e-03	-1.27e-05
1134	2	3.00e-04	9.00e-04	-0.02	-2.70e-04	2.63e-04	-1.20e-05
1134	3	3.55e-04	2.18e-04	-0.02	-5.71e-04	3.97e-04	-4.93e-06
1134	4	1.11e-04	3.60e-04	-6.27e-03	-1.08e-04	9.76e-05	-4.72e-06
1135	1	1.05e-03	3.33e-04	-0.07	-2.32e-03	1.18e-03	-1.23e-05
1135	2	2.99e-04	7.71e-04	-0.02	-2.61e-04	2.80e-04	-9.95e-06
1135	3	3.32e-04	1.79e-04	-0.02	-7.16e-04	3.69e-04	-4.61e-06
1135	4	1.10e-04	3.09e-04	-7.28e-03	-1.05e-04	1.04e-04	-3.93e-06
1136	1	9.14e-04	2.51e-04	-0.08	-2.79e-03	1.01e-03	-1.17e-05
1136	2	2.71e-04	6.71e-04	-0.02	-2.54e-04	2.64e-04	-7.81e-06
1136	3	2.90e-04	1.46e-04	-0.02	-8.54e-04	3.20e-04	-4.23e-06
1136	4	9.99e-05	2.70e-04	-8.28e-03	-1.03e-04	9.80e-05	-3.09e-06
1137	1	7.23e-04	1.74e-04	-0.09	-3.19e-03	7.99e-04	-1.05e-05
1137	2	2.22e-04	5.98e-04	-0.02	-2.48e-04	2.22e-04	-5.74e-06
1137	3	2.30e-04	1.15e-04	-0.03	-9.72e-04	2.53e-04	-3.69e-06
1137	4	8.17e-05	2.41e-04	-9.18e-03	-1.00e-04	8.22e-05	-2.27e-06
1138	1	4.88e-04	1.04e-04	-0.09	-3.48e-03	5.41e-04	-8.11e-06
1138	2	1.57e-04	5.48e-04	-0.03	-2.43e-04	1.59e-04	-3.75e-06
1138	3	1.56e-04	8.95e-05	-0.03	-1.06e-03	1.72e-04	-2.78e-06
1138	4	5.76e-05	2.21e-04	-9.88e-03	-9.87e-05	5.89e-05	-1.49e-06
1139	1	2.24e-04	5.71e-05	-0.10	-3.63e-03	2.57e-04	-3.57e-06
1139	2	8.09e-05	5.18e-04	-0.03	-2.40e-04	8.28e-05	-1.85e-06
1139	3	7.22e-05	7.28e-05	-0.03	-1.10e-03	8.22e-05	-1.24e-06
1139	4	2.98e-05	2.09e-04	-0.01	-9.77e-05	3.07e-05	0.0
1140	1	-4.97e-05	5.28e-05	-0.10	-3.66e-03	-3.88e-05	2.20e-06
1140	2	0.0	5.09e-04	-0.03	-2.40e-04	0.0	0.0
1140	3	-1.47e-05	7.05e-05	-0.03	-1.11e-03	-1.15e-05	0.0
1140	4	0.0	2.06e-04	-0.01	-9.74e-05	0.0	0.0
1141	1	-3.19e-04	9.03e-05	-0.10	-3.56e-03	-3.31e-04	6.68e-06
1141	2	-8.09e-05	5.18e-04	-0.03	-2.40e-04	-8.28e-05	1.85e-06
1141	3	-1.00e-04	8.26e-05	-0.03	-1.08e-03	-1.04e-04	2.17e-06
1141	4	-2.98e-05	2.09e-04	-0.01	-9.77e-05	-3.07e-05	0.0
1142	1	-5.66e-04	1.50e-04	-0.09	-3.33e-03	-6.04e-04	8.99e-06
1142	2	-1.57e-04	5.48e-04	-0.03	-2.43e-04	-1.59e-04	3.75e-06
1142	3	-1.79e-04	1.03e-04	-0.03	-1.01e-03	-1.91e-04	3.04e-06
1142	4	-5.76e-05	2.21e-04	-9.88e-03	-9.87e-05	-5.89e-05	1.49e-06
1143	1	-7.74e-04	2.15e-04	-0.08	-2.98e-03	-8.43e-04	9.97e-06
1143	2	-2.22e-04	5.98e-04	-0.02	-2.48e-04	-2.22e-04	5.74e-06
1143	3	-2.45e-04	1.27e-04	-0.03	-9.09e-04	-2.66e-04	3.53e-06
1143	4	-8.17e-05	2.41e-04	-9.18e-03	-1.00e-04	-8.22e-05	2.27e-06
1144	1	-9.32e-04	2.80e-04	-0.08	-2.55e-03	-1.03e-03	1.04e-05
1144	2	-2.71e-04	6.71e-04	-0.02	-2.54e-04	-2.64e-04	7.81e-06
1144	3	-2.96e-04	1.54e-04	-0.02	-7.84e-04	-3.26e-04	3.87e-06
1144	4	-9.99e-05	2.70e-04	-8.28e-03	-1.03e-04	-9.80e-05	3.09e-06
1145	1	-1.04e-03	3.49e-04	-0.06	-2.10e-03	-1.17e-03	1.08e-05
1145	2	-2.99e-04	7.71e-04	-0.02	-2.61e-04	-2.80e-04	9.95e-06
1145	3	-3.29e-04	1.84e-04	-0.02	-6.50e-04	-3.68e-04	4.18e-06
1145	4	-1.10e-04	3.09e-04	-7.28e-03	-1.05e-04	-1.04e-04	3.93e-06
1146	1	-1.08e-03	4.24e-04	-0.05	-1.65e-03	-1.25e-03	1.11e-05
1146	2	-3.00e-04	9.00e-04	-0.02	-2.70e-04	-2.63e-04	1.20e-05
1146	3	-3.44e-04	2.19e-04	-0.02	-5.16e-04	-3.89e-04	4.46e-06
1146	4	-1.11e-04	3.60e-04	-6.27e-03	-1.08e-04	-9.76e-05	4.72e-06
1147	1	-1.08e-03	5.12e-04	-0.04	-1.21e-03	-1.26e-03	1.12e-05
1147	2	-2.68e-04	1.07e-03	-0.01	-2.80e-04	-2.06e-04	1.35e-05
1147	3	-3.41e-04	2.61e-04	-0.01	-3.86e-04	-3.89e-04	4.64e-06
1147	4	-9.99e-05	4.25e-04	-5.40e-03	-1.12e-04	-7.63e-05	5.30e-06
1148	1	-1.02e-03	6.16e-04	-0.03	-7.96e-04	-1.21e-03	1.06e-05
1148	2	-1.97e-04	1.27e-03	-0.01	-2.89e-04	-1.02e-04	1.34e-05
1148	3	-3.19e-04	3.12e-04	-9.39e-03	-2.66e-04	-3.65e-04	4.44e-06
1148	4	-7.42e-05	5.07e-04	-4.82e-03	-1.16e-04	-3.77e-05	5.28e-06
1149	1	-9.08e-04	7.40e-04	-0.02	-4.24e-04	-1.08e-03	7.67e-06
1149	2	-7.42e-05	1.53e-03	-0.01	-2.95e-04	5.71e-05	9.67e-06
1149	3	-2.77e-04	3.73e-04	-5.97e-03	-1.56e-04	-3.16e-04	3.21e-06
1149	4	-2.98e-05	6.07e-04	-4.71e-03	-1.18e-04	2.12e-05	3.80e-06
1150	1	1.01e-03	7.77e-04	-0.02	-4.36e-04	1.53e-03	0.0
1150	2	1.35e-05	1.63e-03	-0.02	-3.45e-04	-4.64e-05	0.0
1150	3	3.02e-04	3.96e-04	-7.92e-03	-1.64e-04	4.48e-04	0.0



1150	4	7.64e-06	6.49e-04	-6.02e-03	-1.37e-04	-1.74e-05	0.0
1151	1	1.15e-03	6.56e-04	-0.04	-7.72e-04	1.70e-03	0.0
1151	2	1.43e-04	1.37e-03	-0.02	-3.36e-04	9.81e-05	0.0
1151	3	3.54e-04	3.35e-04	-0.01	-2.63e-04	5.10e-04	0.0
1151	4	5.48e-05	5.48e-04	-6.12e-03	-1.34e-04	3.64e-05	0.0
1152	1	1.23e-03	5.57e-04	-0.05	-1.18e-03	1.78e-03	0.0
1152	2	2.27e-04	1.16e-03	-0.02	-3.32e-04	1.99e-04	0.0
1152	3	3.84e-04	2.86e-04	-0.02	-3.82e-04	5.43e-04	0.0
1152	4	8.53e-05	4.65e-04	-6.68e-03	-1.32e-04	7.40e-05	0.0
1153	1	1.25e-03	4.77e-04	-0.07	-1.63e-03	1.79e-03	0.0
1153	2	2.70e-04	9.95e-04	-0.02	-3.28e-04	2.57e-04	0.0
1153	3	3.91e-04	2.45e-04	-0.02	-5.17e-04	5.49e-04	0.0
1153	4	1.01e-04	3.99e-04	-7.53e-03	-1.31e-04	9.53e-05	0.0
1154	1	1.20e-03	4.08e-04	-0.09	-2.12e-03	1.70e-03	0.0
1154	2	2.78e-04	8.62e-04	-0.02	-3.25e-04	2.75e-04	0.0
1154	3	3.75e-04	2.12e-04	-0.03	-6.62e-04	5.24e-04	0.0
1154	4	1.03e-04	3.46e-04	-8.52e-03	-1.30e-04	1.02e-04	0.0
1155	1	1.07e-03	3.46e-04	-0.11	-2.62e-03	1.51e-03	0.0
1155	2	2.57e-04	7.60e-04	-0.02	-3.23e-04	2.60e-04	0.0
1155	3	3.37e-04	1.83e-04	-0.03	-8.11e-04	4.68e-04	0.0
1155	4	9.49e-05	3.06e-04	-9.50e-03	-1.29e-04	9.63e-05	0.0
1156	1	8.79e-04	2.84e-04	-0.12	-3.10e-03	1.21e-03	0.0
1156	2	2.12e-04	6.85e-04	-0.03	-3.21e-04	2.18e-04	0.0
1156	3	2.76e-04	1.57e-04	-0.04	-9.53e-04	3.76e-04	0.0
1156	4	7.85e-05	2.76e-04	-0.01	-1.28e-04	8.08e-05	0.0
1157	1	6.09e-04	2.20e-04	-0.13	-3.47e-03	8.17e-04	0.0
1157	2	1.51e-04	6.34e-04	-0.03	-3.20e-04	1.56e-04	0.0
1157	3	1.91e-04	1.33e-04	-0.04	-1.06e-03	2.54e-04	0.0
1157	4	5.58e-05	2.55e-04	-0.01	-1.28e-04	5.80e-05	0.0
1158	1	2.75e-04	1.69e-04	-0.14	-3.67e-03	3.69e-04	0.0
1158	2	7.84e-05	6.04e-04	-0.03	-3.19e-04	8.15e-05	0.0
1158	3	8.71e-05	1.15e-04	-0.04	-1.12e-03	1.15e-04	0.0
1158	4	2.89e-05	2.43e-04	-0.01	-1.28e-04	3.02e-05	0.0
1159	1	-8.59e-05	1.66e-04	-0.14	-3.69e-03	-1.00e-04	0.0
1159	2	0.0	5.94e-04	-0.03	-3.18e-04	0.0	0.0
1159	3	-2.55e-05	1.13e-04	-0.04	-1.13e-03	-2.96e-05	0.0
1159	4	0.0	2.39e-04	-0.01	-1.27e-04	0.0	0.0
1160	1	-4.26e-04	2.08e-04	-0.13	-3.54e-03	-5.57e-04	0.0
1160	2	-7.84e-05	6.04e-04	-0.03	-3.19e-04	-8.15e-05	0.0
1160	3	-1.32e-04	1.26e-04	-0.04	-1.08e-03	-1.71e-04	0.0
1160	4	-2.89e-05	2.43e-04	-0.01	-1.28e-04	-3.02e-05	0.0
1161	1	-7.09e-04	2.64e-04	-0.13	-3.21e-03	-9.71e-04	0.0
1161	2	-1.51e-04	6.34e-04	-0.03	-3.20e-04	-1.56e-04	0.0
1161	3	-2.21e-04	1.46e-04	-0.04	-9.83e-04	-2.99e-04	0.0
1161	4	-5.58e-05	2.55e-04	-0.01	-1.28e-04	-5.80e-05	0.0
1162	1	-9.23e-04	3.15e-04	-0.11	-2.77e-03	-1.30e-03	0.0
1162	2	-2.12e-04	6.85e-04	-0.03	-3.21e-04	-2.18e-04	0.0
1162	3	-2.89e-04	1.66e-04	-0.04	-8.53e-04	-4.01e-04	0.0
1162	4	-7.85e-05	2.76e-04	-0.01	-1.28e-04	-8.08e-05	0.0
1163	1	-1.07e-03	3.63e-04	-0.10	-2.30e-03	-1.52e-03	0.0
1163	2	-2.57e-04	7.60e-04	-0.02	-3.23e-04	-2.60e-04	0.0
1163	3	-3.36e-04	1.88e-04	-0.03	-7.14e-04	-4.70e-04	0.0
1163	4	-9.49e-05	3.06e-04	-9.50e-03	-1.29e-04	-9.63e-05	0.0
1164	1	-1.16e-03	4.13e-04	-0.08	-1.84e-03	-1.65e-03	0.0
1164	2	-2.78e-04	8.62e-04	-0.02	-3.25e-04	-2.75e-04	0.0
1164	3	-3.64e-04	2.13e-04	-0.03	-5.78e-04	-5.10e-04	0.0
1164	4	-1.03e-04	3.46e-04	-8.52e-03	-1.30e-04	-1.02e-04	0.0
1165	1	-1.19e-03	4.71e-04	-0.07	-1.41e-03	-1.70e-03	0.0
1165	2	-2.70e-04	9.95e-04	-0.02	-3.28e-04	-2.57e-04	0.0
1165	3	-3.72e-04	2.44e-04	-0.02	-4.50e-04	-5.24e-04	0.0
1165	4	-1.01e-04	3.99e-04	-7.53e-03	-1.31e-04	-9.53e-05	0.0
1166	1	-1.16e-03	5.43e-04	-0.05	-1.01e-03	-1.68e-03	0.0
1166	2	-2.27e-04	1.16e-03	-0.02	-3.32e-04	-1.99e-04	0.0
1166	3	-3.61e-04	2.81e-04	-0.02	-3.34e-04	-5.13e-04	0.0
1166	4	-8.53e-05	4.65e-04	-6.68e-03	-1.32e-04	-7.40e-05	0.0
1167	1	-1.07e-03	6.32e-04	-0.04	-6.69e-04	-1.59e-03	0.0
1167	2	-1.43e-04	1.37e-03	-0.02	-3.36e-04	-9.81e-05	0.0
1167	3	-3.31e-04	3.28e-04	-0.01	-2.33e-04	-4.77e-04	0.0
1167	4	-5.48e-05	5.48e-04	-6.12e-03	-1.34e-04	-3.64e-05	0.0
1168	1	-9.33e-04	7.42e-04	-0.02	-3.85e-04	-1.42e-03	0.0
1168	2	-1.35e-05	1.63e-03	-0.02	-3.45e-04	4.64e-05	0.0
1168	3	-2.80e-04	3.86e-04	-7.52e-03	-1.49e-04	-4.16e-04	0.0
1168	4	-7.64e-06	6.49e-04	-6.02e-03	-1.37e-04	1.74e-05	0.0
1169	1	1.20e-03	7.40e-04	-0.03	-2.46e-04	1.71e-03	-3.91e-06
1169	2	9.39e-05	1.70e-03	-0.02	-3.60e-04	-6.40e-05	-1.01e-05
1169	3	3.65e-04	3.95e-04	-9.32e-03	-1.10e-04	5.02e-04	-2.16e-06
1169	4	3.80e-05	6.80e-04	-7.40e-03	-1.44e-04	-2.37e-05	-3.99e-06



1170	1	1.38e-03	6.43e-04	-0.04	-3.78e-04	1.96e-03	-5.69e-06
1170	2	2.30e-04	1.45e-03	-0.02	-3.71e-04	9.50e-05	-1.39e-05
1170	3	4.30e-04	3.41e-04	-0.01	-1.50e-04	5.87e-04	-3.08e-06
1170	4	8.75e-05	5.80e-04	-7.48e-03	-1.48e-04	3.53e-05	-5.50e-06
1171	1	1.49e-03	5.68e-04	-0.06	-5.26e-04	2.10e-03	-5.81e-06
1171	2	3.10e-04	1.24e-03	-0.02	-3.78e-04	2.00e-04	-1.39e-05
1171	3	4.67e-04	2.99e-04	-0.02	-1.94e-04	6.36e-04	-3.13e-06
1171	4	1.16e-04	4.98e-04	-8.03e-03	-1.50e-04	7.41e-05	-5.54e-06
1172	1	1.53e-03	5.12e-04	-0.08	-6.89e-04	2.14e-03	-5.41e-06
1172	2	3.46e-04	1.08e-03	-0.02	-3.83e-04	2.58e-04	-1.24e-05
1172	3	4.80e-04	2.65e-04	-0.03	-2.43e-04	6.52e-04	-2.88e-06
1172	4	1.29e-04	4.32e-04	-8.89e-03	-1.52e-04	9.55e-05	-4.96e-06
1173	1	1.50e-03	4.68e-04	-0.11	-8.67e-04	2.08e-03	-5.00e-06
1173	2	3.44e-04	9.43e-04	-0.03	-3.87e-04	2.75e-04	-1.04e-05
1173	3	4.71e-04	2.39e-04	-0.03	-2.96e-04	6.36e-04	-2.56e-06
1173	4	1.28e-04	3.79e-04	-9.87e-03	-1.54e-04	1.02e-04	-4.15e-06
1174	1	1.40e-03	4.34e-04	-0.13	-1.07e-03	1.91e-03	-4.86e-06
1174	2	3.12e-04	8.42e-04	-0.03	-3.91e-04	2.60e-04	-8.15e-06
1174	3	4.39e-04	2.18e-04	-0.04	-3.56e-04	5.84e-04	-2.30e-06
1174	4	1.16e-04	3.39e-04	-0.01	-1.55e-04	9.65e-05	-3.27e-06
1175	1	1.22e-03	4.04e-04	-0.14	-1.34e-03	1.61e-03	-5.24e-06
1175	2	2.55e-04	7.67e-04	-0.03	-3.94e-04	2.18e-04	-5.98e-06
1175	3	3.80e-04	2.01e-04	-0.05	-4.36e-04	4.94e-04	-2.19e-06
1175	4	9.45e-05	3.09e-04	-0.01	-1.56e-04	8.10e-05	-2.41e-06
1176	1	9.20e-04	3.79e-04	-0.16	-1.79e-03	1.17e-03	-6.28e-06
1176	2	1.80e-04	7.15e-04	-0.03	-3.96e-04	1.57e-04	-3.91e-06
1176	3	2.86e-04	1.88e-04	-0.05	-5.69e-04	3.57e-04	-2.28e-06
1176	4	6.67e-05	2.88e-04	-0.01	-1.57e-04	5.81e-05	-1.58e-06
1177	1	4.22e-04	3.62e-04	-0.17	-2.28e-03	5.25e-04	-3.65e-06
1177	2	9.30e-05	6.85e-04	-0.03	-3.97e-04	8.16e-05	-1.93e-06
1177	3	1.32e-04	1.80e-04	-0.05	-7.15e-04	1.62e-04	-1.29e-06
1177	4	3.44e-05	2.76e-04	-0.01	-1.58e-04	3.03e-05	0.0
1178	1	-2.04e-04	3.59e-04	-0.17	-2.28e-03	-2.26e-04	3.00e-06
1178	2	0.0	6.76e-04	-0.03	-3.98e-04	0.0	0.0
1178	3	-6.05e-05	1.78e-04	-0.05	-7.17e-04	-6.71e-05	0.0
1178	4	0.0	2.72e-04	-0.01	-1.58e-04	0.0	0.0
1179	1	-7.08e-04	3.70e-04	-0.16	-1.81e-03	-8.76e-04	5.58e-06
1179	2	-9.30e-05	6.85e-04	-0.03	-3.97e-04	-8.16e-05	1.93e-06
1179	3	-2.17e-04	1.83e-04	-0.05	-5.76e-04	-2.66e-04	1.86e-06
1179	4	-3.44e-05	2.76e-04	-0.01	-1.58e-04	-3.03e-05	0.0
1180	1	-1.02e-03	3.89e-04	-0.15	-1.37e-03	-1.34e-03	4.43e-06
1180	2	-1.80e-04	7.15e-04	-0.03	-3.96e-04	-1.57e-04	3.91e-06
1180	3	-3.16e-04	1.91e-04	-0.05	-4.47e-04	-4.09e-04	1.73e-06
1180	4	-6.67e-05	2.88e-04	-0.01	-1.57e-04	-5.81e-05	1.58e-06
1181	1	-1.22e-03	4.10e-04	-0.14	-1.12e-03	-1.66e-03	3.92e-06
1181	2	-2.55e-04	7.67e-04	-0.03	-3.94e-04	-2.18e-04	5.98e-06
1181	3	-3.81e-04	2.03e-04	-0.04	-3.72e-04	-5.09e-04	1.80e-06
1181	4	-9.45e-05	3.09e-04	-0.01	-1.56e-04	-8.10e-05	2.41e-06
1182	1	-1.35e-03	4.33e-04	-0.12	-9.31e-04	-1.87e-03	3.91e-06
1182	2	-3.12e-04	8.42e-04	-0.03	-3.91e-04	-2.60e-04	8.15e-06
1182	3	-4.23e-04	2.18e-04	-0.04	-3.15e-04	-5.74e-04	2.02e-06
1182	4	-1.16e-04	3.39e-04	-0.01	-1.55e-04	-9.65e-05	3.27e-06
1183	1	-1.41e-03	4.62e-04	-0.10	-7.63e-04	-1.98e-03	4.24e-06
1183	2	-3.44e-04	9.43e-04	-0.03	-2.87e-04	-2.75e-04	1.04e-05
1183	3	-4.45e-04	2.37e-04	-0.03	-2.65e-04	-6.08e-04	2.33e-06
1183	4	-1.28e-04	3.79e-04	-9.87e-03	-1.54e-04	-1.02e-04	4.15e-06
1184	1	-1.42e-03	5.00e-04	-0.08	-6.08e-04	-2.01e-03	4.74e-06
1184	2	-3.46e-04	1.08e-03	-0.02	-3.83e-04	-2.58e-04	1.24e-05
1184	3	-4.48e-04	2.62e-04	-0.03	-2.19e-04	-6.14e-04	2.68e-06
1184	4	-1.29e-04	4.32e-04	-8.89e-03	-1.52e-04	-9.55e-05	4.96e-06
1185	1	-1.37e-03	5.51e-04	-0.06	-4.66e-04	-1.95e-03	5.19e-06
1185	2	-3.10e-04	1.24e-03	-0.02	-3.78e-04	-2.00e-04	1.39e-05
1185	3	-4.32e-04	2.94e-04	-0.02	-1.77e-04	-5.92e-04	2.95e-06
1185	4	-1.16e-04	4.98e-04	-8.03e-03	-1.50e-04	-7.41e-05	5.54e-06
1186	1	-1.27e-03	6.20e-04	-0.04	-3.39e-04	-1.80e-03	5.14e-06
1186	2	-2.30e-04	1.45e-03	-0.02	-3.71e-04	-9.50e-05	1.39e-05
1186	3	-3.95e-04	3.35e-04	-0.01	-1.38e-04	-5.42e-04	2.91e-06
1186	4	-8.75e-05	5.80e-04	-7.48e-03	-1.48e-04	-3.53e-05	5.50e-06
1187	1	-1.09e-03	7.11e-04	-0.02	-2.26e-04	-1.57e-03	3.51e-06
1187	2	-9.39e-05	1.70e-03	-0.02	-3.60e-04	6.40e-05	1.01e-05
1187	3	-3.34e-04	3.86e-04	-8.80e-03	-1.04e-04	-6.41e-04	2.04e-06
1187	4	-3.80e-05	6.80e-04	-7.40e-03	-1.44e-04	2.37e-05	3.99e-06
1188	1	1.10e-03	6.84e-04	-0.03	-4.10e-05	1.74e-03	0.0
1188	2	4.58e-05	1.76e-03	-0.02	-4.02e-04	-3.51e-05	0.0
1188	3	3.32e-04	3.86e-04	-0.01	-5.35e-05	5.14e-04	0.0
1188	4	2.05e-05	7.04e-04	-8.95e-03	-1.60e-04	-1.31e-05	0.0
1189	1	1.27e-03	6.14e-04	-0.04	9.80e-05	1.96e-03	0.0



1189	2	1.84e-04	1.51e-03	-0.02	-4.10e-04	1.09e-04	0.0
1189	3	3.92e-04	3.41e-04	-0.02	-1.28e-05	5.88e-04	0.0
1189	4	7.10e-05	6.06e-04	-9.09e-03	-1.63e-04	4.04e-05	0.0
1190	1	1.37e-03	5.68e-04	-0.06	2.65e-04	2.08e-03	0.0
1190	2	2.74e-04	1.31e-03	-0.02	-4.22e-04	2.10e-04	0.0
1190	3	4.28e-04	3.07e-04	-0.02	3.59e-05	6.31e-04	0.0
1190	4	1.03e-04	5.26e-04	-9.69e-03	-1.68e-04	7.78e-05	0.0
1191	1	1.40e-03	5.39e-04	-0.09	4.59e-04	2.11e-03	0.0
1191	2	3.18e-04	1.14e-03	-0.03	-4.34e-04	2.66e-04	0.0
1191	3	4.39e-04	2.81e-04	-0.03	9.24e-05	6.44e-04	0.0
1191	4	1.19e-04	4.61e-04	-0.01	-1.72e-04	9.87e-05	0.0
1192	1	1.35e-03	5.25e-04	-0.11	6.76e-04	2.04e-03	0.0
1192	2	3.23e-04	1.02e-03	-0.03	-4.45e-04	2.83e-04	0.0
1192	3	4.25e-04	2.64e-04	-0.03	1.56e-04	6.26e-04	0.0
1192	4	1.20e-04	4.09e-04	-0.01	-1.76e-04	1.05e-04	0.0
1193	1	1.22e-03	5.23e-04	-0.13	9.11e-04	1.89e-03	0.0
1193	2	2.96e-04	9.16e-04	-0.03	-4.55e-04	2.66e-04	0.0
1193	3	3.85e-04	2.52e-04	-0.04	2.25e-04	5.79e-04	0.0
1193	4	1.10e-04	3.69e-04	-0.01	-1.80e-04	9.88e-05	0.0
1194	1	1.01e-03	5.32e-04	-0.14	1.15e-03	1.67e-03	0.0
1194	2	2.44e-04	8.43e-04	-0.03	-4.63e-04	2.23e-04	0.0
1194	3	3.18e-04	2.47e-04	-0.05	2.95e-04	5.13e-04	0.0
1194	4	9.07e-05	3.39e-04	-0.01	-1.83e-04	8.28e-05	0.0
1195	1	7.04e-04	5.51e-04	-0.16	1.37e-03	1.55e-03	0.0
1195	2	1.73e-04	7.93e-04	-0.04	-4.68e-04	1.60e-04	0.0
1195	3	2.22e-04	2.47e-04	-0.05	3.59e-04	4.70e-04	0.0
1195	4	6.43e-05	3.19e-04	-0.01	-1.85e-04	5.93e-05	0.0
1196	1	3.16e-04	5.70e-04	-0.17	1.51e-03	8.41e-04	0.0
1196	2	8.97e-05	7.64e-04	-0.04	-4.72e-04	8.32e-05	0.0
1196	3	1.00e-04	2.50e-04	-0.06	4.01e-04	2.55e-04	0.0
1196	4	3.33e-05	3.07e-04	-0.01	-1.86e-04	3.09e-05	0.0
1197	1	-1.08e-04	5.69e-04	-0.18	1.52e-03	-5.43e-04	0.0
1197	2	0.0	7.54e-04	-0.04	-4.73e-04	0.0	0.0
1197	3	-3.19e-05	2.48e-04	-0.06	4.03e-04	-1.61e-04	0.0
1197	4	0.0	3.03e-04	-0.01	-1.87e-04	0.0	0.0
1198	1	-5.03e-04	5.46e-04	-0.16	1.39e-03	-1.26e-03	0.0
1198	2	-8.97e-05	7.64e-04	-0.04	-4.72e-04	-8.32e-05	0.0
1198	3	-1.56e-04	2.42e-04	-0.05	3.66e-04	-3.79e-04	0.0
1198	4	-3.33e-05	3.07e-04	-0.01	-1.86e-04	-3.09e-05	0.0
1199	1	-8.23e-04	5.22e-04	-0.15	1.19e-03	-1.40e-03	0.0
1199	2	-1.73e-04	7.93e-04	-0.04	-4.68e-04	-1.60e-04	0.0
1199	3	-2.57e-04	2.39e-04	-0.05	3.06e-04	-4.28e-04	0.0
1199	4	-6.43e-05	3.19e-04	-0.01	-1.85e-04	-5.93e-05	0.0
1200	1	-1.06e-03	5.08e-04	-0.14	9.64e-04	-1.64e-03	0.0
1200	2	-2.44e-04	8.43e-04	-0.03	-4.63e-04	-2.23e-04	0.0
1200	3	-3.31e-04	2.40e-04	-0.04	2.40e-04	-5.04e-04	0.0
1200	4	-9.07e-05	3.39e-04	-0.01	-1.83e-04	-8.28e-05	0.0
1201	1	-1.21e-03	5.02e-04	-0.12	7.43e-04	-1.84e-03	0.0
1201	2	-2.96e-04	9.16e-04	-0.03	-4.55e-04	-2.66e-04	0.0
1201	3	-3.81e-04	2.46e-04	-0.04	1.75e-04	-5.65e-04	0.0
1201	4	-1.10e-04	3.69e-04	-0.01	-1.80e-04	-9.88e-05	0.0
1202	1	-1.29e-03	5.06e-04	-0.10	5.38e-04	-1.95e-03	0.0
1202	2	-3.23e-04	1.02e-03	-0.03	-4.45e-04	-2.83e-04	0.0
1202	3	-4.08e-04	2.58e-04	-0.03	1.15e-04	-6.00e-04	0.0
1202	4	-1.20e-04	4.09e-04	-0.01	-1.76e-04	-1.05e-04	0.0
1203	1	-1.32e-03	5.21e-04	-0.08	3.54e-04	-1.99e-03	0.0
1203	2	-3.18e-04	1.14e-03	-0.03	-4.34e-04	-2.66e-04	0.0
1203	3	-4.15e-04	2.76e-04	-0.03	6.11e-05	-6.08e-04	0.0
1203	4	-1.19e-04	4.61e-04	-0.01	-1.72e-04	-9.87e-05	0.0
1204	1	-1.28e-03	5.49e-04	-0.06	1.93e-04	-1.94e-03	0.0
1204	2	-2.74e-04	1.31e-03	-0.02	-4.22e-04	-2.10e-04	0.0
1204	3	-4.00e-04	3.01e-04	-0.02	1.43e-05	-5.90e-04	0.0
1204	4	-1.03e-04	5.26e-04	-9.69e-03	-1.68e-04	-7.78e-05	0.0
1205	1	-1.17e-03	5.95e-04	-0.04	5.55e-05	-1.81e-03	0.0
1205	2	-1.84e-04	1.51e-03	-0.02	-4.10e-04	-1.09e-04	0.0
1205	3	-3.64e-04	3.35e-04	-0.01	-2.54e-05	-5.45e-04	0.0
1205	4	-7.10e-05	6.06e-04	-9.09e-03	-1.63e-04	-4.04e-05	0.0
1206	1	-1.01e-03	6.63e-04	-0.02	-5.78e-05	-1.61e-03	0.0
1206	2	-4.58e-05	1.76e-03	-0.02	-4.02e-04	3.51e-05	0.0
1206	3	-3.06e-04	3.80e-04	-9.61e-03	-5.85e-05	-4.73e-04	0.0
1206	4	-2.05e-05	7.04e-04	-8.95e-03	-1.60e-04	1.31e-05	0.0
1207	1	1.16e-03	6.24e-04	-0.03	1.16e-04	1.48e-03	2.66e-06
1207	2	1.37e-04	1.79e-03	-0.03	-4.09e-04	-3.69e-05	-9.79e-06
1207	3	3.57e-04	3.74e-04	-0.01	-8.16e-06	4.37e-04	0.0
1207	4	5.48e-05	7.19e-04	-0.01	-1.64e-04	-1.37e-05	-3.91e-06
1208	1	1.32e-03	5.84e-04	-0.04	4.49e-04	1.68e-03	3.46e-06
1208	2	2.78e-04	1.55e-03	-0.03	-4.37e-04	1.22e-04	-1.32e-05



1208	3	4.16e-04	3.39e-04	-0.02	8.84e-05	5.06e-04	0.0
1208	4	1.06e-04	6.25e-04	-0.01	-1.74e-04	4.53e-05	-5.30e-06
1209	1	1.41e-03	5.68e-04	-0.06	8.25e-04	1.77e-03	4.58e-06
1209	2	3.60e-04	1.36e-03	-0.03	-4.59e-04	2.25e-04	-1.32e-05
1209	3	4.47e-04	3.14e-04	-0.02	1.98e-04	5.42e-04	0.0
1209	4	1.36e-04	5.47e-04	-0.01	-1.82e-04	8.37e-05	-5.32e-06
1210	1	1.42e-03	5.70e-04	-0.08	1.23e-03	1.77e-03	5.82e-06
1210	2	3.94e-04	1.20e-03	-0.03	-4.78e-04	2.81e-04	-1.17e-05
1210	3	4.52e-04	2.98e-04	-0.03	3.18e-04	5.47e-04	0.0
1210	4	1.48e-04	4.85e-04	-0.01	-1.90e-04	1.04e-04	-4.77e-06
1211	1	1.36e-03	5.87e-04	-0.09	1.67e-03	1.69e-03	7.04e-06
1211	2	3.88e-04	1.08e-03	-0.03	-4.95e-04	2.96e-04	-9.78e-06
1211	3	4.34e-04	2.89e-04	-0.03	4.45e-04	5.21e-04	0.0
1211	4	1.45e-04	4.35e-04	-0.01	-1.96e-04	1.10e-04	-3.99e-06
1212	1	1.23e-03	6.18e-04	-0.11	2.13e-03	1.51e-03	8.21e-06
1212	2	3.49e-04	9.84e-04	-0.04	-5.10e-04	2.78e-04	-7.69e-06
1212	3	3.91e-04	2.88e-04	-0.04	5.80e-04	4.67e-04	1.56e-06
1212	4	1.30e-04	3.96e-04	-0.01	-2.01e-04	1.03e-04	-3.16e-06
1213	1	1.02e-03	6.60e-04	-0.12	2.63e-03	1.24e-03	9.32e-06
1213	2	2.85e-04	9.14e-04	-0.04	-5.21e-04	2.32e-04	-5.64e-06
1213	3	3.24e-04	2.92e-04	-0.04	7.29e-04	3.85e-04	2.11e-06
1213	4	1.06e-04	3.68e-04	-0.02	-2.06e-04	8.60e-05	-2.33e-06
1214	1	7.26e-04	7.06e-04	-0.13	3.28e-03	8.86e-04	1.00e-05
1214	2	2.00e-04	8.66e-04	-0.04	-5.30e-04	1.66e-04	-3.69e-06
1214	3	2.30e-04	3.00e-04	-0.04	9.20e-04	2.75e-04	2.53e-06
1214	4	7.46e-05	3.48e-04	-0.02	-2.09e-04	6.15e-05	-1.52e-06
1215	1	3.31e-04	7.39e-04	-0.14	3.89e-03	4.11e-04	5.17e-06
1215	2	1.03e-04	8.38e-04	-0.04	-5.35e-04	8.62e-05	-1.82e-06
1215	3	1.06e-04	3.07e-04	-0.05	1.10e-03	1.28e-04	1.32e-06
1215	4	3.84e-05	3.36e-04	-0.02	-2.11e-04	3.20e-05	0.0
1216	1	-1.19e-04	7.38e-04	-0.14	3.91e-03	-1.43e-04	-4.81e-06
1216	2	0.0	8.29e-04	-0.04	-5.37e-04	0.0	0.0
1216	3	-3.52e-05	3.06e-04	-0.05	1.11e-03	-4.23e-05	-1.43e-06
1216	4	0.0	3.32e-04	-0.02	-2.12e-04	0.0	0.0
1217	1	-5.20e-04	7.05e-04	-0.14	3.34e-03	-6.26e-04	-9.69e-06
1217	2	-1.03e-04	8.38e-04	-0.04	-5.35e-04	-8.62e-05	1.82e-06
1217	3	-1.62e-04	2.97e-04	-0.04	9.38e-04	-1.92e-04	-2.66e-06
1217	4	-3.84e-05	3.36e-04	-0.02	-2.11e-04	-3.20e-05	0.0
1218	1	-8.28e-04	6.57e-04	-0.13	2.74e-03	-9.98e-04	-9.09e-06
1218	2	-2.00e-04	8.66e-04	-0.04	-5.30e-04	-1.66e-04	3.69e-06
1218	3	-2.61e-04	2.86e-04	-0.04	7.58e-04	-3.08e-04	-2.26e-06
1218	4	-7.46e-05	3.48e-04	-0.02	-2.09e-04	-6.15e-05	1.52e-06
1219	1	-1.06e-03	6.13e-04	-0.12	2.27e-03	-1.29e-03	-8.10e-06
1219	2	-2.85e-04	9.14e-04	-0.04	-5.21e-04	-2.32e-04	5.64e-06
1219	3	-3.35e-04	2.78e-04	-0.04	6.21e-04	-4.00e-04	-1.74e-06
1219	4	-1.06e-04	3.68e-04	-0.02	-2.06e-04	-8.60e-05	2.33e-06
1220	1	-1.22e-03	5.78e-04	-0.10	1.84e-03	-1.51e-03	-7.06e-06
1220	2	-3.49e-04	9.84e-04	-0.04	-5.10e-04	-2.78e-04	7.69e-06
1220	3	-3.87e-04	2.76e-04	-0.03	4.96e-04	-4.67e-04	-1.21e-06
1220	4	-1.30e-04	3.96e-04	-0.01	-2.01e-04	1.03e-04	3.16e-06
1221	1	-1.31e-03	5.55e-04	-0.09	1.44e-03	-1.64e-03	-5.95e-06
1221	2	-3.88e-04	1.08e-03	-0.03	-4.95e-04	-2.96e-04	9.78e-06
1221	3	-4.19e-04	2.80e-04	-0.03	3.77e-04	-5.09e-04	0.0
1221	4	-1.45e-04	4.35e-04	-0.01	-1.96e-04	-1.10e-04	3.99e-06
1222	1	-1.35e-03	5.43e-04	-0.07	1.05e-03	-1.70e-03	-4.78e-06
1222	2	-3.94e-04	1.20e-03	-0.03	-4.78e-04	-2.81e-04	1.17e-05
1222	3	-4.30e-04	2.90e-04	-0.02	2.63e-04	-5.24e-04	0.0
1222	4	-1.48e-04	4.85e-04	-0.01	-1.90e-04	-1.04e-04	4.77e-06
1223	1	-1.32e-03	5.46e-04	-0.06	6.92e-04	-1.68e-03	-3.59e-06
1223	2	-3.60e-04	1.36e-03	-0.03	-4.59e-04	-2.25e-04	1.32e-05
1223	3	-4.19e-04	3.07e-04	-0.02	1.59e-04	-5.14e-04	0.0
1223	4	-1.36e-04	5.47e-04	-0.01	-1.82e-04	-8.37e-05	5.32e-06
1224	1	-1.23e-03	5.67e-04	-0.04	3.67e-04	-1.57e-03	-2.54e-06
1224	2	-2.78e-04	1.55e-03	-0.03	-4.37e-04	-1.22e-04	1.32e-05
1224	3	-3.87e-04	3.33e-04	-0.01	6.40e-05	-4.76e-04	0.0
1224	4	-1.06e-04	6.25e-04	-0.01	-1.74e-04	-4.53e-05	5.30e-06
1225	1	-1.07e-03	6.10e-04	-0.02	8.16e-05	-1.38e-03	-1.91e-06
1225	2	-1.37e-04	1.79e-03	-0.03	-4.09e-04	3.69e-05	9.79e-06
1225	3	-3.30e-04	3.70e-04	-9.98e-03	-1.84e-05	-4.07e-04	0.0
1225	4	-5.48e-05	7.19e-04	-0.01	-1.64e-04	1.37e-05	3.91e-06
1226	1	9.42e-04	5.72e-04	-0.02	2.04e-04	1.17e-03	0.0
1226	2	9.72e-05	1.80e-03	-0.03	-4.43e-04	8.35e-06	0.0
1226	3	2.91e-04	3.64e-04	-0.01	1.39e-05	3.47e-04	0.0
1226	4	4.03e-05	7.27e-04	-0.01	-1.78e-04	3.01e-06	0.0
1227	1	1.06e-03	5.61e-04	-0.04	6.02e-04	1.28e-03	0.0
1227	2	2.37e-04	1.58e-03	-0.03	-4.65e-04	1.51e-04	0.0
1227	3	3.36e-04	3.37e-04	-0.01	1.30e-04	3.92e-04	0.0



1227	4	9.12e-05	6.38e-04	-0.01	-1.86e-04	5.60e-05	0.0
1228	1	1.12e-03	5.74e-04	-0.05	1.05e-03	1.33e-03	0.0
1228	2	3.24e-04	1.39e-03	-0.03	-4.89e-04	2.49e-04	0.0
1228	3	3.59e-04	3.21e-04	-0.02	2.62e-04	4.12e-04	0.0
1228	4	1.23e-04	5.64e-04	-0.01	-1.95e-04	9.25e-05	0.0
1229	1	1.12e-03	6.04e-04	-0.06	1.53e-03	1.30e-03	0.0
1229	2	3.64e-04	1.25e-03	-0.04	-5.13e-04	3.02e-04	0.0
1229	3	3.60e-04	3.14e-04	-0.02	4.03e-04	4.08e-04	0.0
1229	4	1.37e-04	5.05e-04	-0.01	-2.04e-04	1.12e-04	0.0
1230	1	1.05e-03	6.49e-04	-0.07	2.02e-03	1.20e-03	0.0
1230	2	3.64e-04	1.13e-03	-0.04	-5.33e-04	3.14e-04	0.0
1230	3	3.40e-04	3.14e-04	-0.03	5.44e-04	3.81e-04	0.0
1230	4	1.36e-04	4.58e-04	-0.02	-2.11e-04	1.17e-04	0.0
1231	1	9.23e-04	7.05e-04	-0.09	2.48e-03	1.03e-03	0.0
1231	2	3.30e-04	1.04e-03	-0.04	-5.50e-04	2.92e-04	0.0
1231	3	2.99e-04	3.20e-04	-0.03	6.79e-04	3.29e-04	0.0
1231	4	1.23e-04	4.21e-04	-0.02	-2.18e-04	1.09e-04	0.0
1232	1	7.39e-04	7.70e-04	-0.10	2.87e-03	7.84e-04	0.0
1232	2	2.70e-04	9.80e-04	-0.05	-5.64e-04	2.43e-04	0.0
1232	3	2.40e-04	3.31e-04	-0.03	7.96e-04	2.51e-04	0.0
1232	4	1.01e-04	3.94e-04	-0.02	-2.23e-04	9.03e-05	0.0
1233	1	5.04e-04	8.33e-04	-0.10	3.14e-03	4.83e-04	0.0
1233	2	1.91e-04	9.35e-04	-0.05	-5.74e-04	1.74e-04	0.0
1233	3	1.64e-04	3.45e-04	-0.03	8.74e-04	1.56e-04	0.0
1233	4	7.11e-05	3.75e-04	-0.02	-2.27e-04	6.44e-05	0.0
1234	1	2.33e-04	8.76e-04	-0.10	3.26e-03	2.19e-04	0.0
1234	2	9.85e-05	9.09e-04	-0.05	-5.80e-04	9.02e-05	0.0
1234	3	7.67e-05	3.54e-04	-0.04	9.07e-04	7.17e-05	0.0
1234	4	3.67e-05	3.64e-04	-0.02	-2.29e-04	3.35e-05	0.0
1235	1	-5.25e-05	8.77e-04	-0.11	3.28e-03	-2.08e-06	0.0
1235	2	0.0	9.01e-04	-0.05	-5.82e-04	0.0	0.0
1235	3	-1.56e-05	3.53e-04	-0.04	9.16e-04	0.0	0.0
1235	4	0.0	3.60e-04	-0.02	-2.30e-04	0.0	0.0
1236	1	-3.29e-04	8.36e-04	-0.10	3.23e-03	-2.74e-04	0.0
1236	2	-9.85e-05	9.09e-04	-0.05	-5.80e-04	-9.02e-05	0.0
1236	3	-1.05e-04	3.42e-04	-0.04	8.99e-04	-8.79e-05	0.0
1236	4	-3.67e-05	3.64e-04	-0.02	-2.29e-04	-3.35e-05	0.0
1237	1	-5.77e-04	7.74e-04	-0.10	3.02e-03	-5.90e-04	0.0
1237	2	-1.91e-04	9.35e-04	-0.05	-5.74e-04	-1.74e-04	0.0
1237	3	-1.86e-04	3.27e-04	-0.03	8.37e-04	-1.88e-04	0.0
1237	4	-7.11e-05	3.75e-04	-0.02	-2.27e-04	-6.44e-05	0.0
1238	1	-7.81e-04	7.10e-04	-0.09	2.67e-03	-8.64e-04	0.0
1238	2	-2.70e-04	9.80e-04	-0.05	-5.64e-04	-2.43e-04	0.0
1238	3	-2.52e-04	3.14e-04	-0.03	7.35e-04	-2.74e-04	0.0
1238	4	-1.01e-04	3.94e-04	-0.02	-2.23e-04	-9.03e-05	0.0
1239	1	-9.34e-04	6.53e-04	-0.08	2.26e-03	-1.06e-03	0.0
1239	2	-3.30e-04	1.04e-03	-0.04	-5.50e-04	-2.92e-04	0.0
1239	3	-3.02e-04	3.05e-04	-0.03	6.14e-04	-3.37e-04	0.0
1239	4	-1.23e-04	4.21e-04	-0.02	-2.18e-04	-1.09e-04	0.0
1240	1	-1.04e-03	6.06e-04	-0.07	1.81e-03	-1.20e-03	0.0
1240	2	-3.64e-04	1.13e-03	-0.04	-5.33e-04	-3.14e-04	0.0
1240	3	-3.35e-04	3.01e-04	-0.03	4.83e-04	-3.79e-04	0.0
1240	4	-1.36e-04	4.58e-04	-0.02	-2.11e-04	-1.17e-04	0.0
1241	1	-1.08e-03	5.70e-04	-0.06	1.36e-03	-1.27e-03	0.0
1241	2	-3.64e-04	1.25e-03	-0.04	-5.13e-04	-3.02e-04	0.0
1241	3	-3.49e-04	3.04e-04	-0.02	3.51e-04	-4.00e-04	0.0
1241	4	-1.37e-04	5.05e-04	-0.01	-2.04e-04	-1.12e-04	0.0
1242	1	-1.07e-03	5.49e-04	-0.05	9.23e-04	-1.28e-03	0.0
1242	2	-3.24e-04	1.39e-03	-0.03	-4.89e-04	-2.49e-04	0.0
1242	3	-3.44e-04	3.14e-04	-0.02	2.24e-04	-3.98e-04	0.0
1242	4	-1.23e-04	5.64e-04	-0.01	-1.95e-04	-9.25e-05	0.0
1243	1	-1.01e-03	5.44e-04	-0.03	5.19e-04	-1.23e-03	0.0
1243	2	-2.37e-04	1.58e-03	-0.03	-4.65e-04	-1.51e-04	0.0
1243	3	-3.19e-04	3.32e-04	-0.01	1.06e-04	-3.75e-04	0.0
1243	4	-9.12e-05	6.38e-04	-0.01	-1.86e-04	-5.60e-05	0.0
1244	1	-8.84e-04	5.62e-04	-0.02	1.64e-04	-1.11e-03	0.0
1244	2	-9.72e-05	1.80e-03	-0.03	-4.43e-04	-8.35e-06	0.0
1244	3	-2.73e-04	3.61e-04	-0.01	2.28e-06	-3.30e-04	0.0
1244	4	-4.03e-05	7.27e-04	-0.01	-1.78e-04	-3.01e-06	0.0
1245	1	8.58e-04	5.40e-04	-0.02	1.66e-04	7.79e-04	6.41e-06
1245	2	1.95e-04	1.79e-03	-0.04	-4.42e-04	1.90e-05	-8.69e-06
1245	3	2.73e-04	3.57e-04	-0.01	2.26e-06	2.32e-04	0.0
1245	4	7.71e-05	7.29e-04	-0.01	-1.78e-04	7.19e-06	-3.54e-06
1246	1	9.45e-04	5.53e-04	-0.03	5.35e-04	8.54e-04	8.06e-06
1246	2	3.32e-04	1.59e-03	-0.04	-4.80e-04	1.75e-04	-1.15e-05
1246	3	3.09e-04	3.39e-04	-0.01	1.09e-04	2.66e-04	1.07e-06
1246	4	1.27e-04	6.45e-04	-0.01	-1.92e-04	6.51e-05	-4.73e-06



1247	1	9.75e-04	5.89e-04	-0.04	9.28e-04	8.73e-04	9.36e-06
1247	2	4.08e-04	1.42e-03	-0.04	-5.08e-04	2.74e-04	-1.14e-05
1247	3	3.23e-04	3.30e-04	-0.02	2.23e-04	2.79e-04	1.42e-06
1247	4	1.54e-04	5.77e-04	-0.02	-2.03e-04	1.02e-04	-4.73e-06
1248	1	9.51e-04	6.43e-04	-0.05	1.33e-03	8.42e-04	1.03e-05
1248	2	4.35e-04	1.29e-03	-0.04	-5.32e-04	3.24e-04	-1.01e-05
1248	3	3.17e-04	3.31e-04	-0.02	3.39e-04	2.74e-04	1.82e-06
1248	4	1.64e-04	5.21e-04	-0.02	-2.12e-04	1.21e-04	-4.24e-06
1249	1	8.74e-04	7.08e-04	-0.06	1.71e-03	7.66e-04	1.08e-05
1249	2	4.22e-04	1.18e-03	-0.04	-5.52e-04	3.33e-04	-8.41e-06
1249	3	2.93e-04	3.37e-04	-0.02	4.51e-04	2.52e-04	2.14e-06
1249	4	1.58e-04	4.77e-04	-0.02	-2.20e-04	1.24e-04	-3.54e-06
1250	1	7.50e-04	7.81e-04	-0.06	2.05e-03	6.52e-04	1.06e-05
1250	2	3.76e-04	1.10e-03	-0.05	-5.67e-04	3.08e-04	-6.59e-06
1250	3	2.52e-04	3.49e-04	-0.02	5.51e-04	2.16e-04	2.28e-06
1250	4	1.41e-04	4.43e-04	-0.02	-2.26e-04	1.14e-04	-2.80e-06
1251	1	5.85e-04	8.55e-04	-0.07	2.32e-03	5.07e-04	9.30e-06
1251	2	3.04e-04	1.04e-03	-0.05	-5.79e-04	2.55e-04	-4.82e-06
1251	3	1.97e-04	3.63e-04	-0.03	6.29e-04	1.70e-04	2.12e-06
1251	4	1.14e-04	4.18e-04	-0.02	-2.30e-04	9.47e-05	-2.06e-06
1252	1	3.93e-04	9.19e-04	-0.07	2.49e-03	3.42e-04	6.67e-06
1252	2	2.13e-04	1.00e-03	-0.05	-5.88e-04	1.81e-04	-3.15e-06
1252	3	1.33e-04	3.77e-04	-0.03	6.77e-04	1.15e-04	1.56e-06
1252	4	7.98e-05	4.00e-04	-0.02	-2.34e-04	6.74e-05	-1.35e-06
1253	1	1.87e-04	9.59e-04	-0.08	2.56e-03	1.68e-04	2.75e-06
1253	2	1.10e-04	9.76e-04	-0.05	-5.93e-04	9.40e-05	-1.55e-06
1253	3	6.40e-05	3.85e-04	-0.03	7.00e-04	5.68e-05	0.0
1253	4	4.10e-05	3.90e-04	-0.02	-2.36e-04	3.50e-05	0.0
1254	1	-2.42e-05	9.62e-04	-0.08	2.59e-03	-1.03e-05	-1.71e-06
1254	2	0.0	9.68e-04	-0.05	-5.94e-04	0.0	0.0
1254	3	-7.17e-06	3.85e-04	-0.03	7.08e-04	-3.04e-06	0.0
1254	4	0.0	3.87e-04	-0.02	-2.36e-04	0.0	0.0
1255	1	-2.36e-04	9.26e-04	-0.08	2.57e-03	-1.91e-04	-5.67e-06
1255	2	-1.10e-04	9.76e-04	-0.05	-5.93e-04	-9.40e-05	1.55e-06
1255	3	-7.85e-05	3.75e-04	-0.03	7.02e-04	-6.36e-05	-1.47e-06
1255	4	-4.10e-05	3.90e-04	-0.02	-2.36e-04	-3.50e-05	0.0
1256	1	-4.40e-04	8.66e-04	-0.07	2.46e-03	-3.68e-04	-8.39e-06
1256	2	-2.13e-04	1.00e-03	-0.05	-5.88e-04	-1.81e-04	3.15e-06
1256	3	-1.47e-04	3.61e-04	-0.03	6.70e-04	-1.23e-04	-2.07e-06
1256	4	-7.98e-05	4.00e-04	-0.02	-2.34e-04	-6.74e-05	1.35e-06
1257	1	-6.22e-04	7.95e-04	-0.07	2.24e-03	-5.31e-04	-9.79e-06
1257	2	-3.04e-04	1.04e-03	-0.05	-5.79e-04	-2.55e-04	4.82e-06
1257	3	-2.08e-04	3.45e-04	-0.02	6.06e-04	-1.77e-04	-2.27e-06
1257	4	-1.14e-04	4.18e-04	-0.02	-2.30e-04	-9.47e-05	2.06e-06
1258	1	-7.71e-04	7.24e-04	-0.06	1.95e-03	-6.70e-04	-1.02e-05
1258	2	-3.76e-04	1.10e-03	-0.05	-5.67e-04	-3.08e-04	6.59e-06
1258	3	-2.58e-04	3.32e-04	-0.02	5.19e-04	-2.22e-04	-2.17e-06
1258	4	-1.41e-04	4.43e-04	-0.02	-2.26e-04	-1.14e-04	2.80e-06
1259	1	-8.77e-04	6.59e-04	-0.05	1.60e-03	-7.75e-04	-9.89e-06
1259	2	-4.22e-04	1.18e-03	-0.04	-5.52e-04	-3.33e-04	8.41e-06
1259	3	-2.93e-04	3.23e-04	-0.02	4.18e-04	-2.55e-04	-1.88e-06
1259	4	-1.58e-04	4.77e-04	-0.02	-2.20e-04	-1.24e-04	3.54e-06
1260	1	-9.37e-04	6.03e-04	-0.05	1.23e-03	-8.42e-04	-9.16e-06
1260	2	-4.35e-04	1.29e-03	-0.04	-5.32e-04	-3.24e-04	1.01e-05
1260	3	-3.13e-04	3.19e-04	-0.02	3.09e-04	-2.74e-04	-1.48e-06
1260	4	-1.64e-04	5.21e-04	-0.02	-2.12e-04	-1.21e-04	4.24e-06
1261	1	-9.49e-04	5.60e-04	-0.04	8.49e-04	-8.64e-04	-8.11e-06
1261	2	-4.08e-04	1.42e-03	-0.04	-5.08e-04	-2.74e-04	1.14e-05
1261	3	-3.15e-04	3.22e-04	-0.02	1.99e-04	-2.77e-04	-1.05e-06
1261	4	-1.54e-04	5.77e-04	-0.02	-2.03e-04	-1.02e-04	4.73e-06
1262	1	-9.10e-04	5.34e-04	-0.03	4.83e-04	-8.38e-04	-6.84e-06
1262	2	-3.32e-04	1.59e-03	-0.04	-4.80e-04	-1.75e-04	1.15e-05
1262	3	-2.98e-04	3.33e-04	-0.01	9.29e-05	-2.62e-04	0.0
1262	4	-1.27e-04	6.45e-04	-0.01	-1.92e-04	-6.51e-05	4.73e-06
1263	1	-8.19e-04	5.30e-04	-0.02	1.42e-04	-7.59e-04	-5.39e-06
1263	2	-1.95e-04	1.79e-03	-0.04	-4.42e-04	-1.90e-05	8.69e-06
1263	3	-2.62e-04	3.54e-04	-0.01	-4.91e-06	-2.26e-04	0.0
1263	4	-7.71e-05	7.29e-04	-0.01	-1.78e-04	-7.19e-06	3.54e-06
1264	1	6.48e-04	5.22e-04	-0.02	1.08e-04	4.97e-04	0.0
1264	2	1.53e-04	1.78e-03	-0.04	-4.65e-04	7.49e-05	0.0
1264	3	2.08e-04	3.54e-04	-0.01	-1.81e-05	1.53e-04	0.0
1264	4	6.19e-05	7.26e-04	-0.02	-1.88e-04	2.79e-05	0.0
1265	1	7.02e-04	5.54e-04	-0.03	3.66e-04	5.30e-04	0.0
1265	2	2.82e-04	1.59e-03	-0.04	-4.90e-04	2.08e-04	0.0
1265	3	2.33e-04	3.42e-04	-0.01	5.64e-05	1.73e-04	0.0
1265	4	1.09e-04	6.49e-04	-0.02	-1.97e-04	7.78e-05	0.0
1266	1	7.17e-04	6.09e-04	-0.03	6.41e-04	5.35e-04	0.0



1266	2	3.59e-04	1.44e-03	-0.04	-5.11e-04	2.98e-04	0.0
1266	3	2.43e-04	3.40e-04	-0.01	1.36e-04	1.81e-04	0.0
1266	4	1.37e-04	5.86e-04	-0.02	-2.05e-04	1.11e-04	0.0
1267	1	6.94e-04	6.79e-04	-0.04	9.14e-04	5.11e-04	0.0
1267	2	3.89e-04	1.32e-03	-0.05	-5.27e-04	3.43e-04	0.0
1267	3	2.38e-04	3.46e-04	-0.02	2.15e-04	1.78e-04	0.0
1267	4	1.48e-04	5.35e-04	-0.02	-2.12e-04	1.28e-04	0.0
1268	1	6.34e-04	7.58e-04	-0.04	1.17e-03	4.63e-04	0.0
1268	2	3.81e-04	1.22e-03	-0.05	-5.38e-04	3.47e-04	0.0
1268	3	2.19e-04	3.57e-04	-0.02	2.89e-04	1.64e-04	0.0
1268	4	1.44e-04	4.94e-04	-0.02	-2.16e-04	1.30e-04	0.0
1269	1	5.41e-04	8.40e-04	-0.05	1.39e-03	3.96e-04	0.0
1269	2	3.41e-04	1.15e-03	-0.05	-5.45e-04	3.18e-04	0.0
1269	3	1.88e-04	3.71e-04	-0.02	3.55e-04	1.42e-04	0.0
1269	4	1.29e-04	4.63e-04	-0.02	-2.19e-04	1.19e-04	0.0
1270	1	4.23e-04	9.16e-04	-0.05	1.57e-03	3.15e-04	0.0
1270	2	2.77e-04	1.10e-03	-0.06	-5.49e-04	2.62e-04	0.0
1270	3	1.48e-04	3.86e-04	-0.02	4.08e-04	1.13e-04	0.0
1270	4	1.04e-04	4.40e-04	-0.02	-2.21e-04	9.77e-05	0.0
1271	1	2.86e-04	9.78e-04	-0.05	1.71e-03	2.20e-04	0.0
1271	2	1.94e-04	1.06e-03	-0.06	-5.51e-04	1.86e-04	0.0
1271	3	1.00e-04	4.00e-04	-0.02	4.48e-04	7.95e-05	0.0
1271	4	7.32e-05	4.24e-04	-0.02	-2.22e-04	6.93e-05	0.0
1272	1	1.39e-04	1.01e-03	-0.05	1.80e-03	1.11e-04	0.0
1272	2	1.00e-04	1.04e-03	-0.06	-5.52e-04	9.62e-05	0.0
1272	3	4.92e-05	4.07e-04	-0.02	4.73e-04	4.01e-05	0.0
1272	4	3.77e-05	4.14e-04	-0.02	-2.23e-04	3.59e-05	0.0
1273	1	-1.31e-05	1.02e-03	-0.05	1.82e-03	-8.04e-06	0.0
1273	2	0.0	1.03e-03	-0.06	-5.53e-04	0.0	0.0
1273	3	-3.89e-06	4.07e-04	-0.02	4.80e-04	-2.38e-06	0.0
1273	4	0.0	4.11e-04	-0.02	-2.23e-04	0.0	0.0
1274	1	-1.65e-04	9.89e-04	-0.05	1.79e-03	-1.22e-04	0.0
1274	2	-1.00e-04	1.04e-03	-0.06	-5.52e-04	-9.62e-05	0.0
1274	3	-5.70e-05	4.00e-04	-0.02	4.70e-04	-4.36e-05	0.0
1274	4	-3.77e-05	4.14e-04	-0.02	-2.23e-04	-3.59e-05	0.0
1275	1	-3.12e-04	9.33e-04	-0.05	1.69e-03	-2.25e-04	0.0
1275	2	-1.94e-04	1.06e-03	-0.06	-5.51e-04	-1.86e-04	0.0
1275	3	-1.08e-04	3.86e-04	-0.02	4.43e-04	-8.10e-05	0.0
1275	4	-7.32e-05	4.24e-04	-0.02	-2.22e-04	-6.93e-05	0.0
1276	1	-4.45e-04	8.62e-04	-0.05	1.55e-03	-3.19e-04	0.0
1276	2	-2.77e-04	1.10e-03	-0.06	-5.49e-04	-2.62e-04	0.0
1276	3	-1.54e-04	3.70e-04	-0.02	4.02e-04	-1.15e-04	0.0
1276	4	-1.04e-04	4.40e-04	-0.02	-2.21e-04	-9.77e-05	0.0
1277	1	-5.57e-04	7.84e-04	-0.05	1.37e-03	-4.03e-04	0.0
1277	2	-3.41e-04	1.15e-03	-0.05	-5.45e-04	-3.18e-04	0.0
1277	3	-1.93e-04	3.55e-04	-0.02	3.47e-04	-1.44e-04	0.0
1277	4	-1.29e-04	4.63e-04	-0.02	-2.19e-04	-1.19e-04	0.0
1278	1	-6.41e-04	7.07e-04	-0.04	1.14e-03	-4.72e-04	0.0
1278	2	-3.81e-04	1.22e-03	-0.05	-5.38e-04	-3.47e-04	0.0
1278	3	-2.21e-04	3.42e-04	-0.02	2.81e-04	-1.66e-04	0.0
1278	4	-1.44e-04	4.94e-04	-0.02	-2.16e-04	-1.30e-04	0.0
1279	1	-6.92e-04	6.36e-04	-0.04	8.84e-04	-5.19e-04	0.0
1279	2	-3.89e-04	1.32e-03	-0.05	-5.27e-04	-3.43e-04	0.0
1279	3	-2.37e-04	3.33e-04	-0.02	2.06e-04	-1.80e-04	0.0
1279	4	-1.48e-04	5.35e-04	-0.02	-2.12e-04	-1.28e-04	0.0
1280	1	-7.07e-04	5.77e-04	-0.03	6.15e-04	-5.40e-04	0.0
1280	2	-3.59e-04	1.44e-03	-0.04	-5.11e-04	-2.98e-04	0.0
1280	3	-2.40e-04	3.30e-04	-0.01	1.28e-04	-1.83e-04	0.0
1280	4	-1.37e-04	5.86e-04	-0.02	-2.05e-04	-1.11e-04	0.0
1281	1	-6.85e-04	5.33e-04	-0.03	3.46e-04	-5.32e-04	0.0
1281	2	-2.82e-04	1.59e-03	-0.04	-4.90e-04	-2.08e-04	0.0
1281	3	-2.28e-04	3.36e-04	-0.01	5.06e-05	-1.74e-04	0.0
1281	4	-1.09e-04	6.49e-04	-0.02	-1.97e-04	-7.78e-05	0.0
1282	1	-6.27e-04	5.11e-04	-0.02	9.68e-05	-4.95e-04	0.0
1282	2	-1.53e-04	1.78e-03	-0.04	-4.65e-04	-7.49e-05	0.0
1282	3	-2.02e-04	3.51e-04	-0.01	-2.13e-05	-1.52e-04	0.0
1282	4	-6.19e-05	7.26e-04	-0.02	-1.88e-04	-2.79e-05	0.0
1283	1	5.17e-04	5.17e-04	-0.02	2.16e-05	2.81e-04	7.34e-06
1283	2	2.42e-04	1.75e-03	-0.04	-4.49e-04	8.66e-05	-6.97e-06
1283	3	1.77e-04	3.53e-04	-0.01	-4.30e-05	9.03e-05	1.30e-06
1283	4	9.54e-05	7.20e-04	-0.02	-1.83e-04	3.27e-05	-2.94e-06
1284	1	5.47e-04	5.63e-04	-0.02	1.97e-04	3.02e-04	8.67e-06
1284	2	3.59e-04	1.59e-03	-0.05	-4.76e-04	2.25e-04	-9.13e-06
1284	3	1.94e-04	3.47e-04	-0.01	6.47e-06	1.07e-04	1.36e-06
1284	4	1.38e-04	6.50e-04	-0.02	-1.93e-04	8.43e-05	-3.91e-06
1285	1	5.49e-04	6.28e-04	-0.03	3.76e-04	3.06e-04	9.77e-06
1285	2	4.19e-04	1.45e-03	-0.05	-4.85e-04	3.09e-04	-8.98e-06



1285	3	1.99e-04	3.49e-04	-0.01	5.82e-05	1.15e-04	1.66e-06
1285	4	1.60e-04	5.92e-04	-0.02	-1.97e-04	1.16e-04	-3.90e-06
1286	1	5.24e-04	7.07e-04	-0.03	5.51e-04	2.93e-04	1.04e-05
1286	2	4.35e-04	1.34e-03	-0.05	-4.83e-04	3.47e-04	-7.91e-06
1286	3	1.92e-04	3.58e-04	-0.01	1.09e-04	1.14e-04	1.95e-06
1286	4	1.66e-04	5.46e-04	-0.02	-1.97e-04	1.30e-04	-3.48e-06
1287	1	4.75e-04	7.93e-04	-0.03	7.12e-04	2.66e-04	1.04e-05
1287	2	4.15e-04	1.26e-03	-0.06	-4.75e-04	3.47e-04	-6.51e-06
1287	3	1.75e-04	3.71e-04	-0.01	1.57e-04	1.06e-04	2.13e-06
1287	4	1.58e-04	5.09e-04	-0.02	-1.94e-04	1.30e-04	-2.89e-06
1288	1	4.04e-04	8.78e-04	-0.03	8.55e-04	2.28e-04	9.71e-06
1288	2	3.65e-04	1.19e-03	-0.06	-4.62e-04	3.15e-04	-5.06e-06
1288	3	1.50e-04	3.87e-04	-0.02	2.00e-04	9.21e-05	2.10e-06
1288	4	1.39e-04	4.80e-04	-0.02	-1.90e-04	1.18e-04	-2.27e-06
1289	1	3.16e-04	9.55e-04	-0.04	9.73e-04	1.79e-04	8.11e-06
1289	2	2.93e-04	1.14e-03	-0.06	-4.49e-04	2.58e-04	-3.67e-06
1289	3	1.18e-04	4.03e-04	-0.02	2.35e-04	7.33e-05	1.83e-06
1289	4	1.11e-04	4.59e-04	-0.02	-1.86e-04	9.66e-05	-1.67e-06
1290	1	2.15e-04	1.02e-03	-0.04	1.06e-03	1.23e-04	5.62e-06
1290	2	2.04e-04	1.11e-03	-0.06	-4.38e-04	1.82e-04	-2.38e-06
1290	3	8.07e-05	4.15e-04	-0.02	2.63e-04	5.08e-05	1.28e-06
1290	4	7.76e-05	4.44e-04	-0.02	-1.82e-04	6.83e-05	-1.09e-06
1291	1	1.06e-04	1.05e-03	-0.04	1.12e-03	6.17e-05	2.40e-06
1291	2	1.05e-04	1.09e-03	-0.07	-4.30e-04	9.42e-05	-1.17e-06
1291	3	4.01e-05	4.23e-04	-0.02	2.80e-04	2.57e-05	0.0
1291	4	3.98e-05	4.35e-04	-0.03	-1.80e-04	3.53e-05	0.0
1292	1	-6.92e-06	1.05e-03	-0.04	1.14e-03	-2.63e-06	-1.14e-06
1292	2	0.0	1.09e-03	-0.07	-4.28e-04	0.0	0.0
1292	3	-2.05e-06	4.23e-04	-0.02	2.85e-04	0.0	0.0
1292	4	0.0	4.33e-04	-0.03	-1.79e-04	0.0	0.0
1293	1	-1.20e-04	1.03e-03	-0.04	1.12e-03	-6.69e-05	-4.42e-06
1293	2	-1.05e-04	1.09e-03	-0.07	-4.30e-04	-9.42e-05	1.17e-06
1293	3	-4.43e-05	4.16e-04	-0.02	2.79e-04	-2.72e-05	-1.12e-06
1293	4	-3.98e-05	4.35e-04	-0.03	-1.80e-04	-3.53e-05	0.0
1294	1	-2.29e-04	9.77e-04	-0.04	1.06e-03	-1.29e-04	-7.02e-06
1294	2	-2.04e-04	1.11e-03	-0.06	-4.38e-04	-1.82e-04	2.38e-06
1294	3	-8.48e-05	4.04e-04	-0.02	2.61e-04	-5.23e-05	-1.70e-06
1294	4	-7.76e-05	4.44e-04	-0.02	-1.82e-04	-6.83e-05	1.09e-06
1295	1	-3.29e-04	9.07e-04	-0.04	9.70e-04	-1.85e-04	-8.79e-06
1295	2	-2.93e-04	1.14e-03	-0.06	-4.49e-04	-2.58e-04	3.67e-06
1295	3	-1.22e-04	3.88e-04	-0.02	2.34e-04	-7.50e-05	-2.02e-06
1295	4	-1.11e-04	4.59e-04	-0.02	-1.86e-04	-9.66e-05	1.67e-06
1296	1	-4.16e-04	8.26e-04	-0.03	8.52e-04	-2.34e-04	-9.74e-06
1296	2	-3.65e-04	1.19e-03	-0.06	-4.62e-04	-3.15e-04	5.06e-06
1296	3	-1.54e-04	3.72e-04	-0.02	1.99e-04	-9.40e-05	-2.11e-06
1296	4	-1.39e-04	4.80e-04	-0.02	-1.90e-04	-1.18e-04	2.27e-06
1297	1	-4.84e-04	7.43e-04	-0.03	7.09e-04	-2.73e-04	-9.98e-06
1297	2	-4.15e-04	1.26e-03	-0.06	-4.75e-04	-3.47e-04	6.51e-06
1297	3	-1.78e-04	3.56e-04	-0.01	1.56e-04	-1.08e-04	-1.99e-06
1297	4	-1.58e-04	5.09e-04	-0.02	-1.94e-04	-1.30e-04	2.89e-06
1298	1	-5.29e-04	6.64e-04	-0.03	5.46e-04	-3.00e-04	-9.63e-06
1298	2	-4.35e-04	1.34e-03	-0.05	-4.83e-04	-3.47e-04	7.91e-06
1298	3	-1.94e-04	3.45e-04	-0.01	1.08e-04	-1.16e-04	-1.72e-06
1298	4	-1.66e-04	5.46e-04	-0.02	-1.97e-04	-1.30e-04	3.48e-06
1299	1	-5.49e-04	5.94e-04	-0.03	3.71e-04	-3.12e-04	-8.82e-06
1299	2	-4.19e-04	1.45e-03	-0.05	-4.85e-04	-3.09e-04	8.98e-06
1299	3	-1.99e-04	3.39e-04	-0.01	5.68e-05	-1.17e-04	-1.37e-06
1299	4	-1.60e-04	5.92e-04	-0.02	-1.97e-04	-1.16e-04	3.90e-06
1300	1	-5.42e-04	5.39e-04	-0.02	1.93e-04	-3.07e-04	-7.70e-06
1300	2	-3.59e-04	1.59e-03	-0.05	-4.76e-04	-2.25e-04	9.13e-06
1300	3	-1.93e-04	3.40e-04	-0.01	5.13e-06	-1.09e-04	-1.08e-06
1300	4	-1.38e-04	6.50e-04	-0.02	-1.93e-04	-8.43e-05	3.91e-06
1301	1	-5.08e-04	5.05e-04	-0.02	1.87e-05	-2.84e-04	-6.49e-06
1301	2	-2.42e-04	1.75e-03	-0.04	-4.49e-04	-8.66e-05	6.97e-06
1301	3	-1.74e-04	3.50e-04	-0.01	-4.39e-05	-9.11e-05	-1.05e-06
1301	4	-9.54e-05	7.20e-04	-0.02	-1.83e-04	-3.27e-05	2.94e-06
1302	1	3.71e-04	5.19e-04	-0.02	-3.55e-05	1.54e-04	0.0
1302	2	1.88e-04	1.73e-03	-0.05	-4.53e-04	1.31e-04	0.0
1302	3	1.30e-04	3.54e-04	-0.01	-6.14e-05	5.61e-05	0.0
1302	4	7.59e-05	7.12e-04	-0.02	-1.85e-04	4.94e-05	0.0
1303	1	3.87e-04	5.73e-04	-0.02	6.38e-05	1.63e-04	0.0
1303	2	2.89e-04	1.58e-03	-0.05	-4.52e-04	2.33e-04	0.0
1303	3	1.42e-04	3.51e-04	-0.01	-3.24e-05	6.72e-05	0.0
1303	4	1.13e-04	6.49e-04	-0.02	-1.85e-04	8.79e-05	0.0
1304	1	3.85e-04	6.44e-04	-0.02	1.68e-04	1.65e-04	0.0
1304	2	3.46e-04	1.46e-03	-0.05	-4.33e-04	2.98e-04	0.0
1304	3	1.46e-04	3.56e-04	-0.01	0.0	7.30e-05	0.0



1304	4	1.34e-04	5.97e-04	-0.02	-1.79e-04	1.12e-04	0.0
1305	1	3.65e-04	7.28e-04	-0.03	2.71e-04	1.58e-04	0.0
1305	2	3.64e-04	1.36e-03	-0.06	-4.00e-04	3.26e-04	0.0
1305	3	1.41e-04	3.67e-04	-0.01	3.15e-05	7.33e-05	0.0
1305	4	1.41e-04	5.54e-04	-0.02	-1.67e-04	1.23e-04	0.0
1306	1	3.29e-04	8.17e-04	-0.03	3.68e-04	1.44e-04	0.0
1306	2	3.50e-04	1.29e-03	-0.06	-3.60e-04	3.21e-04	0.0
1306	3	1.29e-04	3.82e-04	-0.01	6.23e-05	6.86e-05	0.0
1306	4	1.35e-04	5.21e-04	-0.02	-1.53e-04	1.21e-04	0.0
1307	1	2.79e-04	9.04e-04	-0.03	4.53e-04	1.23e-04	0.0
1307	2	3.10e-04	1.23e-03	-0.06	-3.18e-04	2.88e-04	0.0
1307	3	1.10e-04	3.98e-04	-0.01	9.01e-05	5.96e-05	0.0
1307	4	1.19e-04	4.95e-04	-0.02	-1.38e-04	1.09e-04	0.0
1308	1	2.18e-04	9.80e-04	-0.03	5.24e-04	9.57e-05	0.0
1308	2	2.50e-04	1.19e-03	-0.07	-2.79e-04	2.34e-04	0.0
1308	3	8.67e-05	4.14e-04	-0.02	1.13e-04	4.73e-05	0.0
1308	4	9.62e-05	4.75e-04	-0.03	-1.25e-04	8.83e-05	0.0
1309	1	1.48e-04	1.04e-03	-0.03	5.76e-04	6.49e-05	0.0
1309	2	1.75e-04	1.16e-03	-0.07	-2.49e-04	1.65e-04	0.0
1309	3	5.94e-05	4.26e-04	-0.02	1.31e-04	3.26e-05	0.0
1309	4	6.73e-05	4.62e-04	-0.03	-1.14e-04	6.21e-05	0.0
1310	1	7.34e-05	1.07e-03	-0.03	6.09e-04	3.21e-05	0.0
1310	2	8.98e-05	1.14e-03	-0.07	-2.29e-04	8.48e-05	0.0
1310	3	2.97e-05	4.34e-04	-0.02	1.41e-04	1.64e-05	0.0
1310	4	3.46e-05	4.54e-04	-0.03	-1.07e-04	3.20e-05	0.0
1311	1	-3.94e-06	1.08e-03	-0.03	6.20e-04	-1.90e-06	0.0
1311	2	0.0	1.13e-03	-0.07	-2.22e-04	0.0	0.0
1311	3	-1.17e-06	4.34e-04	-0.02	1.45e-04	0.0	0.0
1311	4	0.0	4.51e-04	-0.03	-1.04e-04	0.0	0.0
1312	1	-8.16e-05	1.05e-03	-0.03	6.09e-04	-3.64e-05	0.0
1312	2	-8.98e-05	1.14e-03	-0.07	-2.29e-04	-8.48e-05	0.0
1312	3	-3.22e-05	4.28e-04	-0.02	1.41e-04	-1.77e-05	0.0
1312	4	-3.46e-05	4.54e-04	-0.03	-1.07e-04	-3.20e-05	0.0
1313	1	-1.57e-04	1.00e-03	-0.03	5.77e-04	-7.04e-05	0.0
1313	2	-1.75e-04	1.16e-03	-0.07	-2.49e-04	-1.65e-04	0.0
1313	3	-6.21e-05	4.17e-04	-0.02	1.31e-04	-3.42e-05	0.0
1313	4	-6.73e-05	4.62e-04	-0.03	-1.14e-04	-6.21e-05	0.0
1314	1	-2.27e-04	9.36e-04	-0.03	5.24e-04	-1.02e-04	0.0
1314	2	-2.50e-04	1.19e-03	-0.07	-2.79e-04	-2.34e-04	0.0
1314	3	-8.95e-05	4.01e-04	-0.02	1.13e-04	-4.91e-05	0.0
1314	4	-9.62e-05	4.75e-04	-0.03	-1.25e-04	-8.83e-05	0.0
1315	1	-2.88e-04	8.56e-04	-0.03	4.53e-04	-1.29e-04	0.0
1315	2	-3.10e-04	1.23e-03	-0.06	-3.18e-04	-2.88e-04	0.0
1315	3	-1.13e-04	3.84e-04	-0.01	9.01e-05	-6.15e-05	0.0
1315	4	-1.19e-04	4.95e-04	-0.02	-1.38e-04	-1.09e-04	0.0
1316	1	-3.38e-04	7.70e-04	-0.03	3.67e-04	-1.51e-04	0.0
1316	2	-3.50e-04	1.29e-03	-0.06	-3.60e-04	-3.21e-04	0.0
1316	3	-1.31e-04	3.68e-04	-0.01	6.22e-05	-7.05e-05	0.0
1316	4	-1.35e-04	5.21e-04	-0.02	-1.53e-04	-1.21e-04	0.0
1317	1	-3.72e-04	6.86e-04	-0.03	2.70e-04	-1.65e-04	0.0
1317	2	-3.64e-04	1.36e-03	-0.06	-4.00e-04	-3.26e-04	0.0
1317	3	-1.43e-04	3.54e-04	-0.01	3.13e-05	-7.52e-05	0.0
1317	4	-1.41e-04	5.54e-04	-0.02	-1.67e-04	-1.23e-04	0.0
1318	1	-3.89e-04	6.11e-04	-0.02	1.67e-04	-1.71e-04	0.0
1318	2	-3.46e-04	1.46e-03	-0.05	-4.33e-04	-2.98e-04	0.0
1318	3	-1.47e-04	3.46e-04	-0.01	-1.04e-06	-7.48e-05	0.0
1318	4	-1.34e-04	5.97e-04	-0.02	-1.79e-04	-1.12e-04	0.0
1319	1	-3.88e-04	5.49e-04	-0.02	6.25e-05	-1.69e-04	0.0
1319	2	-2.89e-04	1.58e-03	-0.05	-4.52e-04	-2.33e-04	0.0
1319	3	-1.42e-04	3.44e-04	-0.01	-3.27e-05	-6.88e-05	0.0
1319	4	-1.13e-04	6.49e-04	-0.02	-1.85e-04	-8.79e-05	0.0
1320	1	-3.68e-04	5.05e-04	-0.02	-3.67e-05	-1.58e-04	0.0
1320	2	-1.88e-04	1.73e-03	-0.05	-4.53e-04	-1.31e-04	0.0
1320	3	-1.29e-04	3.50e-04	-0.01	-6.18e-05	-5.74e-05	0.0
1320	4	-7.59e-05	7.12e-04	-0.02	-1.85e-04	-4.94e-05	0.0
1321	1	2.66e-04	5.22e-04	-0.02	-8.06e-05	7.85e-05	7.54e-06
1321	2	2.43e-04	1.70e-03	-0.05	-4.22e-04	1.16e-04	-5.50e-06
1321	3	1.04e-04	3.55e-04	-0.01	-7.30e-05	3.34e-05	1.42e-06
1321	4	9.72e-05	7.05e-04	-0.02	-1.74e-04	4.47e-05	-2.44e-06
1322	1	2.72e-04	5.81e-04	-0.02	-2.39e-05	8.44e-05	8.42e-06
1322	2	3.24e-04	1.57e-03	-0.05	-3.99e-04	2.03e-04	-6.95e-06
1322	3	1.13e-04	3.54e-04	-0.01	-5.54e-05	4.23e-05	1.39e-06
1322	4	1.28e-04	6.47e-04	-0.02	-1.66e-04	7.75e-05	-3.16e-06
1323	1	2.67e-04	6.56e-04	-0.02	3.38e-05	8.53e-05	9.33e-06
1323	2	3.63e-04	1.46e-03	-0.06	-3.42e-04	2.51e-04	-6.61e-06
1323	3	1.14e-04	3.61e-04	-0.01	-3.48e-05	4.66e-05	1.66e-06
1323	4	1.43e-04	5.99e-04	-0.02	-1.46e-04	9.57e-05	-3.07e-06



1324	1	2.50e-04	7.42e-04	-0.02	9.00e-05	8.16e-05	9.84e-06
1324	2	3.68e-04	1.38e-03	-0.06	-2.68e-04	2.68e-04	-5.65e-06
1324	3	1.10e-04	3.73e-04	-0.01	-1.32e-05	4.69e-05	1.92e-06
1324	4	1.45e-04	5.60e-04	-0.02	-1.19e-04	1.02e-04	-2.67e-06
1325	1	2.23e-04	8.32e-04	-0.02	1.43e-04	7.38e-05	9.70e-06
1325	2	3.47e-04	1.31e-03	-0.06	-1.86e-04	2.59e-04	-4.53e-06
1325	3	9.94e-05	3.89e-04	-0.01	7.76e-06	4.39e-05	2.03e-06
1325	4	1.36e-04	5.30e-04	-0.02	-8.96e-05	9.87e-05	-2.18e-06
1326	1	1.88e-04	9.19e-04	-0.03	1.89e-04	6.26e-05	8.82e-06
1326	2	3.03e-04	1.26e-03	-0.06	-1.07e-04	2.30e-04	-3.43e-06
1326	3	8.48e-05	4.06e-04	-0.01	2.68e-05	3.81e-05	1.94e-06
1326	4	1.19e-04	5.06e-04	-0.03	-6.09e-05	8.77e-05	-1.69e-06
1327	1	1.46e-04	9.95e-04	-0.03	2.27e-04	4.87e-05	7.18e-06
1327	2	2.42e-04	1.22e-03	-0.07	-3.85e-05	1.85e-04	-2.44e-06
1327	3	6.65e-05	4.21e-04	-0.01	4.28e-05	3.02e-05	1.63e-06
1327	4	9.51e-05	4.88e-04	-0.03	-3.59e-05	7.08e-05	-1.22e-06
1328	1	9.89e-05	1.05e-03	-0.03	2.55e-04	3.27e-05	4.88e-06
1328	2	1.69e-04	1.19e-03	-0.07	1.45e-05	1.30e-04	-1.55e-06
1328	3	4.55e-05	4.34e-04	-0.01	5.47e-05	2.08e-05	1.12e-06
1328	4	6.62e-05	4.76e-04	-0.03	-1.65e-05	4.95e-05	0.0
1329	1	4.91e-05	1.08e-03	-0.03	2.72e-04	1.55e-05	2.12e-06
1329	2	8.64e-05	1.18e-03	-0.07	4.78e-05	6.67e-05	0.0
1329	3	2.29e-05	4.41e-04	-0.01	6.21e-05	1.03e-05	0.0
1329	4	3.39e-05	4.68e-04	-0.03	-4.38e-06	2.54e-05	0.0
1330	1	-2.41e-06	1.09e-03	-0.03	2.78e-04	-2.40e-06	0.0
1330	2	0.0	1.17e-03	-0.07	5.92e-05	0.0	0.0
1330	3	0.0	4.42e-04	-0.01	6.47e-05	0.0	0.0
1330	4	0.0	4.66e-04	-0.03	0.0	0.0	0.0
1331	1	-5.43e-05	1.07e-03	-0.03	2.73e-04	-2.05e-05	-3.68e-06
1331	2	-8.64e-05	1.18e-03	-0.07	4.78e-05	-6.67e-05	0.0
1331	3	-2.44e-05	4.36e-04	-0.01	6.23e-05	-1.17e-05	0.0
1331	4	-3.39e-05	4.68e-04	-0.03	-4.38e-06	-2.54e-05	0.0
1332	1	-1.05e-04	1.02e-03	-0.03	2.56e-04	-3.80e-05	-6.11e-06
1332	2	-1.69e-04	1.19e-03	-0.07	1.45e-05	-1.30e-04	1.55e-06
1332	3	-4.74e-05	4.25e-04	-0.01	5.49e-05	-2.23e-05	-1.48e-06
1332	4	-6.62e-05	4.76e-04	-0.03	-1.65e-05	-4.95e-05	0.0
1333	1	-1.53e-04	9.55e-04	-0.03	2.27e-04	-5.44e-05	-7.93e-06
1333	2	-2.42e-04	1.22e-03	-0.07	-3.85e-05	-1.85e-04	2.44e-06
1333	3	-6.86e-05	4.10e-04	-0.01	4.29e-05	-3.19e-05	-1.86e-06
1333	4	-9.51e-05	4.88e-04	-0.03	-3.59e-05	-7.08e-05	1.22e-06
1334	1	-1.96e-04	8.74e-04	-0.02	1.89e-04	-6.86e-05	-9.07e-06
1334	2	-3.03e-04	1.26e-03	-0.06	-1.07e-04	-2.30e-04	3.43e-06
1334	3	-8.72e-05	3.92e-04	-0.01	2.68e-05	-3.99e-05	-2.02e-06
1334	4	-1.19e-04	5.06e-04	-0.03	-6.09e-05	-8.77e-05	1.69e-06
1335	1	-2.31e-04	7.88e-04	-0.02	1.42e-04	-8.00e-05	-9.50e-06
1335	2	-3.47e-04	1.31e-03	-0.06	-1.86e-04	-2.59e-04	4.53e-06
1335	3	-1.02e-04	3.75e-04	-0.01	7.66e-06	-4.57e-05	-1.97e-06
1335	4	-1.36e-04	5.30e-04	-0.02	-8.96e-05	-9.87e-05	2.18e-06
1336	1	-2.58e-04	7.02e-04	-0.02	8.94e-05	-8.77e-05	-9.30e-06
1336	2	-3.68e-04	1.38e-03	-0.06	-2.68e-04	2.68e-04	5.65e-06
1336	3	-1.12e-04	3.61e-04	-0.01	-1.34e-05	-4.87e-05	-1.76e-06
1336	4	-1.45e-04	5.60e-04	-0.02	-1.19e-04	-1.02e-04	2.67e-06
1337	1	-2.73e-04	6.23e-04	-0.02	3.28e-05	-9.11e-05	-8.57e-06
1337	2	-3.63e-04	1.46e-03	-0.06	-3.42e-04	-9.25e-04	6.61e-06
1337	3	-1.16e-04	3.51e-04	-0.01	-3.51e-05	-4.83e-05	-1.43e-06
1337	4	-1.43e-04	5.99e-04	-0.02	-1.46e-04	-9.57e-05	3.07e-06
1338	1	-2.77e-04	5.57e-04	-0.02	-2.49e-05	-8.96e-05	-7.57e-06
1338	2	-3.24e-04	1.57e-03	-0.05	-3.99e-04	-2.03e-04	6.95e-06
1338	3	-1.14e-04	3.47e-04	-0.01	-5.57e-05	-4.39e-05	-1.14e-06
1338	4	-1.28e-04	6.47e-04	-0.02	-1.66e-04	-7.75e-05	3.16e-06
1339	1	-2.68e-04	5.08e-04	-0.02	-8.13e-05	-8.27e-05	-6.75e-06
1339	2	-2.43e-04	1.70e-03	-0.05	-4.22e-04	-1.16e-04	5.50e-06
1339	3	-1.05e-04	3.51e-04	-0.01	-7.32e-05	-3.47e-05	-1.19e-06
1339	4	-9.72e-05	7.05e-04	-0.02	-1.74e-04	-4.47e-05	2.44e-06
1340	1	1.67e-04	5.26e-04	-0.02	-1.10e-04	3.95e-05	0.0
1340	2	1.94e-04	1.68e-03	-0.06	-4.13e-04	1.17e-04	0.0
1340	3	7.21e-05	3.56e-04	-0.01	-8.21e-05	2.27e-05	0.0
1340	4	7.99e-05	6.98e-04	-0.02	-1.72e-04	4.58e-05	0.0
1341	1	1.69e-04	5.87e-04	-0.02	-8.59e-05	4.21e-05	0.0
1341	2	2.63e-04	1.56e-03	-0.06	-3.56e-04	1.44e-04	0.0
1341	3	7.97e-05	3.56e-04	-0.01	-7.08e-05	2.60e-05	0.0
1341	4	1.07e-04	6.44e-04	-0.02	-1.51e-04	5.63e-05	0.0
1342	1	1.63e-04	6.64e-04	-0.02	-6.01e-05	4.34e-05	0.0
1342	2	3.01e-04	1.46e-03	-0.06	-2.68e-04	1.63e-04	0.0
1342	3	8.18e-05	3.64e-04	-0.01	-5.68e-05	2.81e-05	0.0
1342	4	1.23e-04	6.00e-04	-0.02	-1.18e-04	6.35e-05	0.0
1343	1	1.50e-04	7.51e-04	-0.02	-3.43e-05	4.18e-05	0.0



1343	2	3.11e-04	1.38e-03	-0.06	-1.63e-04	1.68e-04	0.0
1343	3	7.88e-05	3.77e-04	-0.01	-4.15e-05	2.81e-05	0.0
1343	4	1.26e-04	5.64e-04	-0.02	-7.95e-05	6.55e-05	0.0
1344	1	1.32e-04	8.42e-04	-0.02	-9.94e-06	3.77e-05	0.0
1344	2	2.96e-04	1.32e-03	-0.06	-5.48e-05	1.60e-04	0.0
1344	3	7.16e-05	3.93e-04	-0.01	-2.63e-05	2.61e-05	0.0
1344	4	1.20e-04	5.36e-04	-0.03	-3.95e-05	6.23e-05	0.0
1345	1	1.09e-04	9.28e-04	-0.02	1.18e-05	3.18e-05	0.0
1345	2	2.61e-04	1.28e-03	-0.07	4.60e-05	1.41e-04	0.0
1345	3	6.10e-05	4.10e-04	-0.01	-1.23e-05	2.26e-05	0.0
1345	4	1.06e-04	5.14e-04	-0.03	-2.17e-06	5.49e-05	0.0
1346	1	8.39e-05	1.00e-03	-0.02	2.99e-05	2.45e-05	0.0
1346	2	2.10e-04	1.24e-03	-0.07	1.32e-04	1.13e-04	0.0
1346	3	4.78e-05	4.26e-04	-0.01	0.0	1.78e-05	0.0
1346	4	8.51e-05	4.98e-04	-0.03	2.97e-05	4.40e-05	0.0
1347	1	5.66e-05	1.06e-03	-0.02	4.35e-05	1.61e-05	0.0
1347	2	1.47e-04	1.22e-03	-0.07	1.97e-04	7.87e-05	0.0
1347	3	3.27e-05	4.39e-04	-0.01	8.42e-06	1.21e-05	0.0
1347	4	5.94e-05	4.86e-04	-0.03	5.40e-05	3.07e-05	0.0
1348	1	2.80e-05	1.09e-03	-0.02	5.20e-05	6.95e-06	0.0
1348	2	7.53e-05	1.21e-03	-0.07	2.38e-04	4.04e-05	0.0
1348	3	1.65e-05	4.46e-04	-0.01	1.40e-05	5.85e-06	0.0
1348	4	3.05e-05	4.80e-04	-0.03	6.91e-05	1.58e-05	0.0
1349	1	-1.39e-06	1.10e-03	-0.02	5.49e-05	-2.56e-06	0.0
1349	2	0.0	1.20e-03	-0.07	2.52e-04	0.0	0.0
1349	3	0.0	4.47e-04	-0.01	1.59e-05	0.0	0.0
1349	4	0.0	4.78e-04	-0.03	7.42e-05	0.0	0.0
1350	1	-3.12e-05	1.08e-03	-0.02	5.22e-05	-1.21e-05	0.0
1350	2	-7.53e-05	1.21e-03	-0.07	2.38e-04	-4.04e-05	0.0
1350	3	-1.75e-05	4.42e-04	-0.01	1.41e-05	-7.37e-06	0.0
1350	4	-3.05e-05	4.80e-04	-0.03	6.91e-05	-1.58e-05	0.0
1351	1	-6.10e-05	1.03e-03	-0.02	4.39e-05	-2.13e-05	0.0
1351	2	-1.47e-04	1.22e-03	-0.07	1.97e-04	-7.87e-05	0.0
1351	3	-3.41e-05	4.31e-04	-0.01	8.53e-06	-1.37e-05	0.0
1351	4	-5.94e-05	4.86e-04	-0.03	5.40e-05	-3.07e-05	0.0
1352	1	-9.01e-05	9.65e-04	-0.02	3.03e-05	-2.99e-05	0.0
1352	2	-2.10e-04	1.24e-03	-0.07	1.32e-04	-1.13e-04	0.0
1352	3	-4.96e-05	4.15e-04	-0.01	0.0	-1.94e-05	0.0
1352	4	-8.51e-05	4.98e-04	-0.03	2.97e-05	-4.40e-05	0.0
1353	1	-1.17e-04	8.85e-04	-0.02	1.21e-05	-3.74e-05	0.0
1353	2	-2.61e-04	1.28e-03	-0.07	4.60e-05	-1.41e-04	0.0
1353	3	-6.33e-05	3.98e-04	-0.01	-1.22e-05	-2.43e-05	0.0
1353	4	-1.06e-04	5.14e-04	-0.03	-2.17e-06	-5.49e-05	0.0
1354	1	-1.41e-04	7.98e-04	-0.02	-9.99e-06	-4.35e-05	0.0
1354	2	-2.96e-04	1.32e-03	-0.06	-5.48e-05	-1.60e-04	0.0
1354	3	-7.43e-05	3.80e-04	-0.01	-2.63e-05	-2.79e-05	0.0
1354	4	-1.20e-04	5.36e-04	-0.03	-3.95e-05	-6.23e-05	0.0
1355	1	-1.60e-04	7.11e-04	-0.02	-3.48e-05	-4.76e-05	0.0
1355	2	-3.11e-04	1.38e-03	-0.06	-1.63e-04	-1.68e-04	0.0
1355	3	-8.17e-05	3.65e-04	-0.01	-4.16e-05	-2.98e-05	0.0
1355	4	-1.26e-04	5.64e-04	-0.02	-7.95e-05	-6.55e-05	0.0
1356	1	-1.73e-04	6.31e-04	-0.02	-6.09e-05	-4.91e-05	0.0
1356	2	-3.01e-04	1.46e-03	-0.06	-2.68e-04	-1.63e-04	0.0
1356	3	-8.45e-05	3.54e-04	-0.01	-5.70e-05	-2.98e-05	0.0
1356	4	-1.23e-04	6.00e-04	-0.02	-1.18e-04	-6.35e-05	0.0
1357	1	-1.77e-04	5.62e-04	-0.02	-8.69e-05	-4.75e-05	0.0
1357	2	-2.63e-04	1.56e-03	-0.06	-3.56e-04	-1.44e-04	0.0
1357	3	-8.21e-05	3.49e-04	-0.01	-7.11e-05	-2.76e-05	0.0
1357	4	-1.07e-04	6.44e-04	-0.02	-1.51e-04	-5.63e-05	0.0
1358	1	-1.73e-04	5.11e-04	-0.02	-1.11e-04	-4.45e-05	0.0
1358	2	-1.94e-04	1.68e-03	-0.06	-4.13e-04	-1.17e-04	0.0
1358	3	-7.39e-05	3.52e-04	-0.01	-8.24e-05	-2.42e-05	0.0
1358	4	-7.99e-05	6.98e-04	-0.02	-1.72e-04	-4.58e-05	0.0
1359	1	9.06e-05	5.26e-04	-0.02	-1.43e-04	3.03e-05	6.58e-06
1359	2	2.20e-04	1.66e-03	-0.06	-3.57e-04	5.55e-05	-7.34e-06
1359	3	5.50e-05	3.54e-04	-0.01	-8.58e-05	1.50e-05	0.0
1359	4	9.35e-05	6.90e-04	-0.02	-1.49e-04	2.25e-05	-3.30e-06
1360	1	8.72e-05	5.89e-04	-0.02	-1.51e-04	3.07e-05	7.64e-06
1360	2	2.79e-04	1.55e-03	-0.06	-3.01e-04	6.55e-05	-7.97e-06
1360	3	6.14e-05	3.55e-04	-0.01	-8.37e-05	1.65e-05	0.0
1360	4	1.18e-04	6.39e-04	-0.02	-1.28e-04	2.68e-05	-3.65e-06
1361	1	7.81e-05	6.67e-04	-0.02	-1.51e-04	2.94e-05	8.67e-06
1361	2	3.08e-04	1.46e-03	-0.06	-2.32e-04	6.93e-05	-7.02e-06
1361	3	6.23e-05	3.64e-04	-0.01	-7.80e-05	1.67e-05	1.38e-06
1361	4	1.30e-04	5.98e-04	-0.03	-1.02e-04	2.85e-05	-3.28e-06
1362	1	6.60e-05	7.55e-04	-0.02	-1.47e-04	2.68e-05	9.24e-06
1362	2	3.13e-04	1.39e-03	-0.06	-1.54e-04	6.82e-05	-5.75e-06



1362	3	5.90e-05	3.78e-04	-0.01	-7.00e-05	1.58e-05	1.71e-06
1362	4	1.32e-04	5.65e-04	-0.03	-7.20e-05	2.81e-05	-2.73e-06
1363	1	5.29e-05	8.46e-04	-0.02	-1.40e-04	2.32e-05	9.14e-06
1363	2	2.95e-04	1.33e-03	-0.06	-7.37e-05	6.30e-05	-4.50e-06
1363	3	5.26e-05	3.95e-04	-0.01	-6.11e-05	1.42e-05	1.87e-06
1363	4	1.24e-04	5.40e-04	-0.03	-4.14e-05	2.60e-05	-2.17e-06
1364	1	4.01e-05	9.32e-04	-0.02	-1.33e-04	1.88e-05	8.29e-06
1364	2	2.58e-04	1.29e-03	-0.06	0.0	5.44e-05	-3.37e-06
1364	3	4.40e-05	4.13e-04	-0.01	-5.24e-05	1.19e-05	1.81e-06
1364	4	1.09e-04	5.20e-04	-0.03	-1.27e-05	2.24e-05	-1.65e-06
1365	1	2.86e-05	1.01e-03	-0.02	-1.26e-04	1.38e-05	6.74e-06
1365	2	2.07e-04	1.26e-03	-0.06	6.48e-05	4.32e-05	-2.38e-06
1365	3	3.41e-05	4.30e-04	-0.01	-4.47e-05	9.10e-06	1.52e-06
1365	4	8.69e-05	5.05e-04	-0.03	1.18e-05	1.78e-05	-1.18e-06
1366	1	1.84e-05	1.06e-03	-0.02	-1.20e-04	8.44e-06	4.58e-06
1366	2	1.44e-04	1.24e-03	-0.07	1.13e-04	2.99e-05	-1.52e-06
1366	3	2.33e-05	4.42e-04	-0.01	-3.87e-05	5.97e-06	1.04e-06
1366	4	6.05e-05	4.95e-04	-0.03	3.05e-05	1.23e-05	0.0
1367	1	9.18e-06	1.10e-03	-0.03	-1.16e-04	2.86e-06	2.00e-06
1367	2	7.39e-05	1.23e-03	-0.07	1.44e-04	1.53e-05	0.0
1367	3	1.18e-05	4.50e-04	-0.01	-3.49e-05	2.62e-06	0.0
1367	4	3.10e-05	4.89e-04	-0.03	4.22e-05	6.31e-06	0.0
1368	1	0.0	1.10e-03	-0.03	-1.14e-04	-2.84e-06	0.0
1368	2	0.0	1.22e-03	-0.07	1.54e-04	0.0	0.0
1368	3	0.0	4.51e-04	-0.01	-3.34e-05	0.0	0.0
1368	4	0.0	4.87e-04	-0.03	4.61e-05	0.0	0.0
1369	1	-9.47e-06	1.08e-03	-0.02	-1.15e-04	-8.55e-06	-3.40e-06
1369	2	-7.39e-05	1.23e-03	-0.07	1.44e-04	-1.53e-05	0.0
1369	3	-1.19e-05	4.45e-04	-0.01	-3.45e-05	-4.31e-06	0.0
1369	4	-3.10e-05	4.89e-04	-0.03	4.22e-05	-6.31e-06	0.0
1370	1	-2.06e-05	1.04e-03	-0.02	-1.18e-04	-1.41e-05	-5.70e-06
1370	2	-1.44e-04	1.24e-03	-0.07	1.13e-04	-2.99e-05	1.52e-06
1370	3	-2.39e-05	4.34e-04	-0.01	-3.81e-05	-7.66e-06	-1.38e-06
1370	4	-6.05e-05	4.95e-04	-0.03	3.05e-05	-1.23e-05	0.0
1371	1	-3.36e-05	9.71e-04	-0.02	-1.23e-04	-1.95e-05	-7.47e-06
1371	2	-2.07e-04	1.26e-03	-0.06	6.48e-05	-4.32e-05	2.38e-06
1371	3	-3.56e-05	4.19e-04	-0.01	-4.38e-05	-1.08e-05	-1.74e-06
1371	4	-8.69e-05	5.05e-04	-0.03	1.18e-05	-1.78e-05	1.18e-06
1372	1	-4.82e-05	8.91e-04	-0.02	-1.29e-04	-2.45e-05	-8.59e-06
1372	2	-2.58e-04	1.29e-03	-0.06	0.0	-5.44e-05	3.37e-06
1372	3	-4.64e-05	4.01e-04	-0.01	-5.14e-05	-1.89e-05	-1.89e-06
1372	4	-1.09e-04	5.20e-04	-0.03	-1.27e-05	-2.24e-05	1.65e-06
1373	1	-6.37e-05	8.04e-04	-0.02	-1.36e-04	-2.88e-05	-9.01e-06
1373	2	-2.95e-04	1.33e-03	-0.06	-7.37e-05	-6.30e-05	4.50e-06
1373	3	-5.58e-05	3.83e-04	-0.01	-6.00e-05	-1.58e-05	-1.84e-06
1373	4	-1.24e-04	5.40e-04	-0.03	-4.14e-05	-2.60e-05	2.17e-06
1374	1	-7.90e-05	7.16e-04	-0.02	-1.43e-04	-3.23e-05	-8.77e-06
1374	2	-3.13e-04	1.39e-03	-0.06	-1.54e-04	-6.82e-05	5.75e-06
1374	3	-6.28e-05	3.67e-04	-0.01	-6.89e-05	-1.75e-05	-1.58e-06
1374	4	-1.32e-04	5.65e-04	-0.03	-7.20e-05	-2.81e-05	2.73e-06
1375	1	-9.21e-05	6.34e-04	-0.02	-1.48e-04	-3.47e-05	-7.95e-06
1375	2	-3.08e-04	1.46e-03	-0.06	-2.32e-04	-6.93e-05	7.02e-06
1375	3	-6.64e-05	3.54e-04	-0.01	-7.70e-05	-1.82e-05	-1.16e-06
1375	4	-1.30e-04	5.98e-04	-0.03	-1.02e-04	-2.85e-05	3.28e-06
1376	1	-1.01e-04	5.64e-04	-0.02	-1.48e-04	-3.55e-05	-6.77e-06
1376	2	-2.79e-04	1.55e-03	-0.06	-3.01e-04	-6.55e-05	7.97e-06
1376	3	-6.55e-05	3.48e-04	-0.01	-8.29e-05	-1.79e-05	0.0
1376	4	-1.18e-04	6.39e-04	-0.02	-1.28e-04	-2.68e-05	3.65e-06
1377	1	-1.03e-04	5.11e-04	-0.02	-1.42e-04	-3.46e-05	-5.70e-06
1377	2	-2.20e-04	1.66e-03	-0.06	-3.57e-04	-5.55e-05	7.34e-06
1377	3	-5.85e-05	3.49e-04	-0.01	-8.53e-05	-1.63e-05	0.0
1377	4	-9.35e-05	6.90e-04	-0.02	-1.49e-04	-2.25e-05	3.30e-06
1378	1	-1.43e-04	-7.45e-04	-0.02	-1.68e-04	0.0	-1.82e-05
1378	2	-2.01e-04	-1.16e-03	-0.06	-3.51e-04	0.0	9.87e-06
1378	3	-5.87e-05	-3.55e-04	-0.01	-8.97e-05	0.0	-5.40e-06
1378	4	-7.57e-05	-4.78e-04	-0.02	-1.44e-04	0.0	2.93e-06
1379	1	-1.43e-04	-8.30e-04	-0.02	-1.93e-04	0.0	-2.00e-06
1379	2	-1.99e-04	-9.63e-04	-0.06	-3.24e-04	0.0	2.83e-05
1379	3	-5.93e-05	-3.69e-04	-0.01	-9.40e-05	0.0	1.34e-06
1379	4	-7.59e-05	-4.09e-04	-0.02	-1.33e-04	0.0	1.03e-05
1380	1	-1.41e-04	-8.05e-04	-0.02	-2.05e-04	0.0	5.93e-06
1380	2	-1.92e-04	-6.17e-04	-0.06	-2.80e-04	0.0	4.01e-05
1380	3	-5.86e-05	-3.35e-04	-0.01	-9.27e-05	0.0	5.08e-06
1380	4	-7.39e-05	-2.79e-04	-0.03	-1.15e-04	0.0	1.52e-05
1381	1	-1.32e-04	-7.22e-04	-0.02	-2.10e-04	0.0	1.03e-05
1381	2	-1.79e-04	-1.87e-04	-0.06	-2.29e-04	0.0	4.58e-05
1381	3	-5.53e-05	-2.74e-04	-0.01	-8.85e-05	0.0	7.07e-06



1381	4	-6.92e-05	-1.15e-04	-0.03	-9.41e-05	0.0	1.76e-05
1382	1	-1.18e-04	-6.09e-04	-0.02	-2.11e-04	0.0	1.22e-05
1382	2	-1.60e-04	2.71e-04	-0.06	-1.77e-04	0.0	4.62e-05
1382	3	-4.96e-05	-1.99e-04	-0.01	-8.28e-05	0.0	7.79e-06
1382	4	-6.21e-05	6.14e-05	-0.03	-7.28e-05	0.0	1.78e-05
1383	1	-9.73e-05	-4.87e-04	-0.02	-2.09e-04	0.0	1.23e-05
1383	2	-1.35e-04	7.11e-04	-0.06	-1.29e-04	0.0	4.22e-05
1383	3	-4.15e-05	-1.23e-04	-0.01	-7.67e-05	0.0	7.47e-06
1383	4	-5.27e-05	2.32e-04	-0.03	-5.29e-05	0.0	1.63e-05
1384	1	-7.22e-05	-3.72e-04	-0.02	-2.06e-04	0.0	1.07e-05
1384	2	-1.06e-04	1.09e-03	-0.06	-8.65e-05	0.0	3.47e-05
1384	3	-3.14e-05	-5.44e-05	-0.01	-7.11e-05	0.0	6.33e-06
1384	4	-4.13e-05	3.80e-04	-0.03	-3.58e-05	0.0	1.35e-05
1385	1	-4.34e-05	-2.80e-04	-0.02	-2.02e-04	0.0	7.81e-06
1385	2	-7.27e-05	1.39e-03	-0.07	-5.43e-05	0.0	2.46e-05
1385	3	-1.98e-05	0.0	-0.01	-6.66e-05	0.0	4.56e-06
1385	4	-2.84e-05	4.94e-04	-0.03	-2.27e-05	0.0	9.55e-06
1386	1	-1.20e-05	-2.20e-04	-0.03	-2.00e-04	0.0	4.07e-06
1386	2	-3.70e-05	1.58e-03	-0.07	-3.41e-05	0.0	1.28e-05
1386	3	-7.10e-06	3.44e-05	-0.01	-6.35e-05	0.0	2.37e-06
1386	4	-1.45e-05	5.66e-04	-0.03	-1.45e-05	0.0	4.95e-06
1387	1	2.03e-05	-2.00e-04	-0.03	-1.98e-04	0.0	0.0
1387	2	0.0	1.64e-03	-0.07	-2.72e-05	0.0	0.0
1387	3	6.02e-06	4.61e-05	-0.01	-6.23e-05	0.0	0.0
1387	4	0.0	5.91e-04	-0.03	-1.17e-05	0.0	0.0
1388	1	5.22e-05	-2.22e-04	-0.02	-1.98e-04	0.0	-4.20e-06
1388	2	3.70e-05	1.58e-03	-0.07	-3.41e-05	0.0	-1.28e-05
1388	3	1.90e-05	3.39e-05	-0.01	-6.30e-05	0.0	-2.41e-06
1388	4	1.45e-05	5.66e-04	-0.03	-1.45e-05	0.0	-4.95e-06
1389	1	8.21e-05	-2.82e-04	-0.02	-1.99e-04	0.0	-7.83e-06
1389	2	7.27e-05	1.39e-03	-0.07	-5.43e-05	0.0	-2.46e-05
1389	3	3.12e-05	0.0	-0.01	-6.54e-05	0.0	-4.57e-06
1389	4	2.84e-05	4.94e-04	-0.03	-2.27e-05	0.0	-9.55e-06
1390	1	1.09e-04	-3.74e-04	-0.02	-2.00e-04	0.0	-1.06e-05
1390	2	1.06e-04	1.09e-03	-0.06	-8.65e-05	0.0	-3.47e-05
1390	3	4.22e-05	-5.50e-05	-0.01	-6.95e-05	0.0	-6.30e-06
1390	4	4.13e-05	3.80e-04	-0.03	-3.58e-05	0.0	-1.35e-05
1391	1	1.31e-04	-4.86e-04	-0.02	-2.03e-04	0.0	-1.20e-05
1391	2	1.35e-04	7.11e-04	-0.06	-1.29e-04	0.0	-4.22e-05
1391	3	5.15e-05	-1.23e-04	-0.01	-7.48e-05	0.0	-7.40e-06
1391	4	5.27e-05	2.32e-04	-0.03	-5.29e-05	0.0	-1.63e-05
1392	1	1.49e-04	-6.06e-04	-0.02	-2.04e-04	0.0	-1.19e-05
1392	2	1.60e-04	2.71e-04	-0.06	-1.77e-04	0.0	-4.62e-05
1392	3	5.88e-05	-1.99e-04	-0.01	-8.07e-05	0.0	-7.69e-06
1392	4	6.21e-05	6.14e-05	-0.03	-7.28e-05	0.0	-1.78e-05
1393	1	1.60e-04	-7.16e-04	-0.02	-2.03e-04	0.0	-9.91e-06
1393	2	1.79e-04	-1.87e-04	-0.06	-2.29e-04	0.0	-4.58e-05
1393	3	6.37e-05	-2.72e-04	-0.01	-8.64e-05	0.0	-6.97e-06
1393	4	6.92e-05	-1.15e-04	-0.03	-9.41e-05	0.0	-1.76e-05
1394	1	1.66e-04	-7.95e-04	-0.02	-1.98e-04	0.0	-5.64e-06
1394	2	1.92e-04	-6.17e-04	-0.06	-2.80e-04	0.0	-4.01e-05
1394	3	6.62e-05	-3.32e-04	-0.01	-9.07e-05	0.0	-5.00e-06
1394	4	7.39e-05	-2.79e-04	-0.03	-1.15e-04	0.0	-1.52e-05
1395	1	1.67e-04	-8.18e-04	-0.02	-1.87e-04	0.0	2.05e-06
1395	2	1.99e-04	-9.63e-04	-0.06	-3.24e-04	0.0	-2.83e-05
1395	3	6.63e-05	-3.66e-04	-0.01	-9.23e-05	0.0	-1.33e-06
1395	4	7.59e-05	-4.09e-04	-0.02	-1.33e-04	0.0	-1.03e-05
1396	1	1.65e-04	-7.36e-04	-0.02	-1.64e-04	0.0	1.75e-05
1396	2	2.01e-04	-1.16e-03	-0.06	-3.51e-04	0.0	-9.88e-06
1396	3	6.50e-05	-3.52e-04	-0.01	-8.86e-05	0.0	5.17e-06
1396	4	7.57e-05	-4.78e-04	-0.02	-1.44e-04	0.0	-2.94e-06
1397	1	-3.44e-04	-1.89e-03	-0.02	-1.50e-04	3.02e-05	-3.71e-05
1397	2	-5.75e-04	-3.67e-03	-0.06	-3.64e-04	5.77e-05	2.67e-05
1397	3	-1.58e-04	-9.79e-04	-0.01	-8.54e-05	1.53e-05	-8.40e-06
1397	4	-2.26e-04	-1.51e-03	-0.02	-1.49e-04	2.34e-05	1.05e-05
1398	1	-3.52e-04	-2.16e-03	-0.02	-1.77e-04	3.01e-05	-1.61e-05
1398	2	-6.23e-04	-3.24e-03	-0.06	-3.24e-04	6.57e-05	5.40e-05
1398	3	-1.68e-04	-1.01e-03	-0.01	-8.62e-05	1.64e-05	0.0
1398	4	-2.48e-04	-1.33e-03	-0.02	-1.30e-04	2.70e-05	2.16e-05
1399	1	-3.40e-04	-2.25e-03	-0.02	-1.98e-04	2.89e-05	-2.90e-06
1399	2	-6.36e-04	-2.61e-03	-0.06	-2.82e-04	6.86e-05	7.07e-05
1399	3	-1.67e-04	-9.70e-04	-0.01	-8.55e-05	1.65e-05	6.50e-06
1399	4	-2.55e-04	-1.08e-03	-0.03	-1.10e-04	2.83e-05	2.83e-05
1400	1	-3.13e-04	-2.22e-03	-0.02	-2.09e-04	2.64e-05	6.32e-06
1400	2	-6.15e-04	-1.86e-03	-0.06	-2.38e-04	6.72e-05	7.84e-05
1400	3	-1.58e-04	-8.85e-04	-0.01	-8.28e-05	1.56e-05	9.99e-06
1400	4	-2.48e-04	-7.77e-04	-0.03	-9.14e-05	2.77e-05	3.14e-05



1401	1	-2.73e-04	-2.13e-03	-0.02	-2.14e-04	2.28e-05	1.15e-05
1401	2	-5.63e-04	-1.07e-03	-0.06	-1.95e-04	6.19e-05	7.82e-05
1401	3	-1.42e-04	-7.77e-04	-0.01	-7.85e-05	1.40e-05	1.14e-05
1401	4	-2.27e-04	-4.64e-04	-0.03	-7.30e-05	2.56e-05	3.12e-05
1402	1	-2.23e-04	-2.00e-03	-0.02	-2.15e-04	1.84e-05	1.33e-05
1402	2	-4.84e-04	-3.29e-04	-0.06	-1.55e-04	5.35e-05	7.10e-05
1402	3	-1.19e-04	-6.63e-04	-0.01	-7.37e-05	1.17e-05	1.12e-05
1402	4	-1.96e-04	-1.67e-04	-0.03	-5.60e-05	2.21e-05	2.83e-05
1403	1	-1.65e-04	-1.87e-03	-0.02	-2.14e-04	1.35e-05	1.25e-05
1403	2	-3.83e-04	3.15e-04	-0.06	-1.20e-04	4.24e-05	5.83e-05
1403	3	-9.05e-05	-5.59e-04	-0.01	-6.91e-05	8.96e-06	9.64e-06
1403	4	-1.55e-04	8.97e-05	-0.03	-4.15e-05	1.75e-05	2.32e-05
1404	1	-1.00e-04	-1.76e-03	-0.02	-2.11e-04	8.26e-06	9.66e-06
1404	2	-2.65e-04	8.11e-04	-0.07	-9.38e-05	2.94e-05	4.13e-05
1404	3	-5.86e-05	-4.76e-04	-0.01	-6.52e-05	5.88e-06	7.05e-06
1404	4	-1.07e-04	2.87e-04	-0.03	-3.04e-05	1.21e-05	1.64e-05
1405	1	-3.18e-05	-1.69e-03	-0.02	-2.09e-04	2.78e-06	5.49e-06
1405	2	-1.35e-04	1.12e-03	-0.07	-7.71e-05	1.50e-05	2.14e-05
1405	3	-2.42e-05	-4.22e-04	-0.01	-6.26e-05	2.58e-06	3.79e-06
1405	4	-5.49e-05	4.11e-04	-0.03	-2.34e-05	6.20e-06	8.50e-06
1406	1	3.85e-05	-1.66e-03	-0.02	-2.08e-04	-2.81e-06	0.0
1406	2	0.0	1.23e-03	-0.07	-7.14e-05	0.0	0.0
1406	3	1.14e-05	-4.02e-04	-0.01	-6.15e-05	0.0	0.0
1406	4	0.0	4.53e-04	-0.03	-2.11e-05	0.0	0.0
1407	1	1.09e-04	-1.67e-03	-0.02	-2.07e-04	-8.42e-06	-4.21e-06
1407	2	1.35e-04	1.12e-03	-0.07	-7.71e-05	-1.50e-05	-2.14e-05
1407	3	4.69e-05	-4.18e-04	-0.01	-6.20e-05	-4.25e-06	-3.41e-06
1407	4	5.49e-05	4.11e-04	-0.03	-2.34e-05	-6.20e-06	-8.50e-06
1408	1	1.76e-04	-1.74e-03	-0.02	-2.08e-04	-1.39e-05	-8.44e-06
1408	2	2.65e-04	8.11e-04	-0.07	-9.38e-05	-2.94e-05	-4.13e-05
1408	3	8.10e-05	-4.68e-04	-0.01	-6.41e-05	-7.56e-06	-6.69e-06
1408	4	1.07e-04	2.87e-04	-0.03	-3.04e-05	-1.21e-05	-1.64e-05
1409	1	2.39e-04	-1.84e-03	-0.02	-2.08e-04	-1.14e-05	-1.14e-05
1409	2	3.83e-04	3.15e-04	-0.06	-1.20e-04	-4.24e-05	-5.83e-05
1409	3	1.12e-04	-5.48e-04	-0.01	-6.75e-05	-1.06e-05	-9.31e-06
1409	4	1.55e-04	8.97e-05	-0.03	-4.15e-05	-1.75e-05	-2.32e-05
1410	1	2.94e-04	-1.96e-03	-0.02	-2.08e-04	-2.41e-05	-1.24e-05
1410	2	4.84e-04	-3.29e-04	-0.06	-1.55e-04	-5.35e-05	-7.10e-05
1410	3	1.40e-04	-6.50e-04	-0.01	-7.17e-05	-1.34e-05	-1.10e-05
1410	4	1.96e-04	-1.67e-04	-0.03	-5.60e-05	-2.21e-05	-2.83e-05
1411	1	3.41e-04	-2.08e-03	-0.02	-2.07e-04	-2.84e-05	-1.09e-05
1411	2	5.63e-04	-1.07e-03	-0.06	-1.95e-04	-6.19e-05	-7.82e-05
1411	3	1.62e-04	-7.61e-04	-0.01	-7.64e-05	-1.56e-05	-1.13e-05
1411	4	2.27e-04	-4.64e-04	-0.03	-7.30e-05	-2.56e-05	-3.12e-05
1412	1	3.77e-04	-2.16e-03	-0.02	-2.02e-04	-3.18e-05	-6.15e-06
1412	2	6.15e-04	-1.86e-03	-0.06	-2.38e-04	-6.72e-05	-7.84e-05
1412	3	1.77e-04	-8.68e-04	-0.01	-8.06e-05	-1.73e-05	-9.94e-06
1412	4	2.48e-04	-7.77e-04	-0.03	-9.14e-05	-2.77e-05	-3.14e-05
1413	1	3.99e-04	-2.19e-03	-0.02	-1.91e-04	-3.42e-05	2.50e-06
1413	2	6.36e-04	-2.61e-03	-0.06	-2.82e-04	-8.86e-05	-7.07e-05
1413	3	1.85e-04	-9.53e-04	-0.01	-8.36e-05	-1.81e-05	-6.62e-06
1413	4	2.55e-04	-1.08e-03	-0.03	-1.10e-04	-2.83e-05	-2.83e-05
1414	1	4.07e-04	-2.11e-03	-0.02	-1.73e-04	-3.50e-05	1.50e-05
1414	2	6.23e-04	-3.24e-03	-0.06	-3.24e-04	-5.40e-05	-5.40e-05
1414	3	1.84e-04	-9.97e-04	-0.01	-8.49e-05	-1.79e-05	-1.14e-06
1414	4	2.48e-04	-1.33e-03	-0.02	-1.30e-04	-2.70e-05	-2.16e-05
1415	1	3.95e-04	-1.86e-03	-0.02	-1.48e-04	-3.46e-05	3.50e-05
1415	2	5.75e-04	-3.67e-03	-0.06	-3.64e-04	-5.77e-05	-2.67e-05
1415	3	1.73e-04	-9.69e-04	-0.01	-8.49e-05	-1.66e-05	7.77e-06
1415	4	2.26e-04	-1.51e-03	-0.02	-1.49e-04	-2.34e-05	-1.05e-05
1416	1	5.36e-04	-2.46e-03	-0.02	-1.52e-04	0.0	4.45e-05
1416	2	8.00e-04	-5.13e-03	-0.06	-3.66e-04	0.0	-4.51e-05
1416	3	2.39e-04	-1.31e-03	-0.01	-8.62e-05	0.0	7.29e-06
1416	4	3.17e-04	-2.10e-03	-0.02	-1.50e-04	0.0	-1.93e-05
1417	1	5.45e-04	-2.80e-03	-0.02	-1.75e-04	0.0	2.32e-05
1417	2	8.77e-04	-4.54e-03	-0.06	-3.26e-04	0.0	-7.11e-05
1417	3	2.54e-04	-1.34e-03	-0.01	-8.57e-05	0.0	-1.64e-06
1417	4	3.52e-04	-1.85e-03	-0.02	-1.31e-04	0.0	-2.96e-05
1418	1	5.33e-04	-2.95e-03	-0.02	-1.92e-04	0.0	7.36e-06
1418	2	9.00e-04	-3.74e-03	-0.06	-2.83e-04	0.0	-8.77e-05
1418	3	2.55e-04	-1.29e-03	-0.01	-8.40e-05	0.0	-7.70e-06
1418	4	3.64e-04	-1.52e-03	-0.03	-1.11e-04	0.0	-3.59e-05
1419	1	5.01e-04	-2.97e-03	-0.02	-2.02e-04	0.0	-3.73e-06
1419	2	8.73e-04	-2.81e-03	-0.06	-2.39e-04	0.0	-9.52e-05
1419	3	2.44e-04	-1.19e-03	-0.01	-8.08e-05	0.0	-1.15e-05
1419	4	3.54e-04	-1.14e-03	-0.03	-9.16e-05	0.0	-3.86e-05
1420	1	4.52e-04	-2.90e-03	-0.02	-2.07e-04	0.0	-1.00e-05



1420	2	8.01e-04	-1.85e-03	-0.06	-1.95e-04	0.0	-9.41e-05
1420	3	2.22e-04	-1.07e-03	-0.01	-7.64e-05	0.0	-1.30e-05
1420	4	3.26e-04	-7.56e-04	-0.03	-7.28e-05	0.0	-3.80e-05
1421	1	3.88e-04	-2.79e-03	-0.02	-2.08e-04	0.0	-1.24e-05
1421	2	6.89e-04	-9.47e-04	-0.06	-1.54e-04	0.0	-8.52e-05
1421	3	1.91e-04	-9.36e-04	-0.01	-7.16e-05	0.0	-1.27e-05
1421	4	2.81e-04	-3.90e-04	-0.03	-5.56e-05	0.0	-3.43e-05
1422	1	3.13e-04	-2.67e-03	-0.02	-2.08e-04	0.0	-1.16e-05
1422	2	5.46e-04	-1.64e-04	-0.06	-1.19e-04	0.0	-6.99e-05
1422	3	1.54e-04	-8.18e-04	-0.01	-6.72e-05	0.0	-1.08e-05
1422	4	2.22e-04	-7.55e-05	-0.03	-4.10e-05	0.0	-2.81e-05
1423	1	2.30e-04	-2.57e-03	-0.02	-2.07e-04	0.0	-8.63e-06
1423	2	3.78e-04	4.38e-04	-0.07	-9.23e-05	0.0	-4.95e-05
1423	3	1.10e-04	-7.24e-04	-0.01	-6.38e-05	0.0	-7.73e-06
1423	4	1.54e-04	1.66e-04	-0.03	-2.98e-05	0.0	-1.98e-05
1424	1	1.42e-04	-2.50e-03	-0.02	-2.07e-04	0.0	-4.15e-06
1424	2	1.93e-04	8.17e-04	-0.07	-7.54e-05	0.0	-2.56e-05
1424	3	6.35e-05	-6.65e-04	-0.01	-6.17e-05	0.0	-3.90e-06
1424	4	7.87e-05	3.18e-04	-0.03	-2.27e-05	0.0	-1.03e-05
1425	1	4.98e-05	-2.49e-03	-0.02	-2.07e-04	0.0	1.04e-06
1425	2	0.0	9.47e-04	-0.07	-6.96e-05	0.0	0.0
1425	3	1.47e-05	-6.47e-04	-0.01	-6.12e-05	0.0	0.0
1425	4	0.0	3.70e-04	-0.03	-2.04e-05	0.0	0.0
1426	1	-4.24e-05	-2.52e-03	-0.02	-2.09e-04	0.0	6.17e-06
1426	2	-1.93e-04	8.17e-04	-0.07	-7.54e-05	0.0	2.56e-05
1426	3	-3.41e-05	-6.72e-04	-0.01	-6.23e-05	0.0	4.50e-06
1426	4	-7.87e-05	3.18e-04	-0.03	-2.27e-05	0.0	1.03e-05
1427	1	-1.32e-04	-2.61e-03	-0.02	-2.11e-04	0.0	1.05e-05
1427	2	-3.78e-04	4.38e-04	-0.07	-9.23e-05	0.0	4.95e-05
1427	3	-8.13e-05	-7.36e-04	-0.01	-6.49e-05	0.0	8.29e-06
1427	4	-1.54e-04	1.66e-04	-0.03	-2.98e-05	0.0	1.98e-05
1428	1	-2.17e-04	-2.73e-03	-0.02	-2.13e-04	0.0	1.32e-05
1428	2	-5.46e-04	-1.64e-04	-0.06	-1.19e-04	0.0	6.99e-05
1428	3	-1.25e-04	-8.35e-04	-0.01	-6.88e-05	0.0	1.13e-05
1428	4	-2.22e-04	-7.55e-05	-0.03	-4.10e-05	0.0	2.81e-05
1429	1	-2.95e-04	-2.86e-03	-0.02	-2.15e-04	0.0	1.36e-05
1429	2	-6.89e-04	-9.47e-04	-0.06	-1.54e-04	0.0	8.52e-05
1429	3	-1.64e-04	-9.58e-04	-0.01	-7.36e-05	0.0	1.31e-05
1429	4	-2.81e-04	-3.90e-04	-0.03	-5.56e-05	0.0	3.43e-05
1430	1	-3.62e-04	-2.99e-03	-0.02	-2.14e-04	0.0	1.07e-05
1430	2	-8.01e-04	-1.85e-03	-0.06	-1.95e-04	0.0	9.41e-05
1430	3	-1.96e-04	-1.09e-03	-0.01	-7.85e-05	0.0	1.33e-05
1430	4	-3.26e-04	-7.56e-04	-0.03	-7.28e-05	0.0	3.80e-05
1431	1	-4.15e-04	-3.06e-03	-0.02	-2.09e-04	0.0	3.76e-06
1431	2	-8.73e-04	-2.81e-03	-0.06	-2.39e-04	0.0	9.52e-05
1431	3	-2.19e-04	-1.22e-03	-0.01	-8.29e-05	0.0	1.15e-05
1431	4	-3.54e-04	-1.14e-03	-0.03	-9.16e-05	0.0	3.86e-05
1432	1	-4.53e-04	-3.04e-03	-0.02	-1.98e-04	0.0	-8.26e-06
1432	2	-9.00e-04	-3.74e-03	-0.06	-2.83e-04	0.0	8.77e-05
1432	3	-2.31e-04	-1.31e-03	-0.01	-8.59e-05	0.0	7.43e-06
1432	4	-3.64e-04	-1.52e-03	-0.03	-1.11e-04	0.0	3.59e-05
1433	1	-4.70e-04	-2.87e-03	-0.02	-1.79e-04	0.0	-2.52e-05
1433	2	-8.77e-04	-4.54e-03	-0.06	-3.26e-04	0.0	7.11e-05
1433	3	-2.32e-04	-1.36e-03	-0.01	-8.70e-05	0.0	1.04e-06
1433	4	-3.52e-04	-1.85e-03	-0.02	-1.31e-04	0.0	2.96e-05
1434	1	-4.68e-04	-2.50e-03	-0.02	-1.54e-04	0.0	-4.78e-05
1434	2	-8.00e-04	-5.13e-03	-0.06	-3.66e-04	0.0	4.51e-05
1434	3	-2.19e-04	-1.32e-03	-0.01	-8.68e-05	0.0	-8.27e-06
1434	4	-3.17e-04	-2.10e-03	-0.02	-1.50e-04	0.0	1.93e-05
1435	1	3.61e-04	-1.60e-04	-0.02	-8.27e-05	0.0	-4.73e-05
1435	2	5.41e-04	-1.47e-03	-0.05	-3.80e-04	0.0	3.52e-05
1435	3	1.51e-04	-2.18e-04	-0.01	-6.91e-05	0.0	-8.61e-06
1435	4	2.04e-04	-6.05e-04	-0.02	-1.57e-04	0.0	1.58e-05
1436	1	4.17e-04	3.53e-04	-0.02	-2.53e-05	0.0	-5.23e-05
1436	2	1.17e-03	-1.53e-03	-0.05	-3.82e-04	0.0	-1.43e-05
1436	3	2.19e-04	-9.12e-05	-0.01	-5.42e-05	0.0	-1.48e-05
1436	4	4.42e-04	-6.48e-04	-0.02	-1.60e-04	0.0	-3.57e-06
1437	1	4.39e-04	8.81e-04	-0.02	3.21e-05	0.0	-5.33e-05
1437	2	1.53e-03	-1.23e-03	-0.06	-3.35e-04	0.0	-4.15e-05
1437	3	2.56e-04	7.21e-05	-0.01	-3.47e-05	0.0	-1.75e-05
1437	4	5.80e-04	-5.55e-04	-0.02	-1.44e-04	0.0	-1.40e-05
1438	1	4.31e-04	1.41e-03	-0.02	8.79e-05	0.0	-5.22e-05
1438	2	1.68e-03	-7.49e-04	-0.06	-2.65e-04	0.0	-5.43e-05
1438	3	2.66e-04	2.52e-04	-0.01	-1.37e-05	0.0	-1.83e-05
1438	4	6.36e-04	-3.87e-04	-0.02	-1.18e-04	0.0	-1.90e-05
1439	1	3.99e-04	1.91e-03	-0.02	1.40e-04	0.0	-4.86e-05
1439	2	1.65e-03	-1.85e-04	-0.06	-1.87e-04	0.0	-5.77e-05



1439	3	2.55e-04	4.32e-04	-0.01	6.94e-06	0.0	-1.77e-05
1439	4	6.25e-04	-1.89e-04	-0.02	-9.00e-05	0.0	-2.04e-05
1440	1	3.45e-04	2.37e-03	-0.02	1.86e-04	0.0	-4.26e-05
1440	2	1.48e-03	3.78e-04	-0.06	-1.11e-04	0.0	-5.41e-05
1440	3	2.25e-04	6.01e-04	-0.01	2.58e-05	0.0	-1.58e-05
1440	4	5.61e-04	1.08e-05	-0.03	-6.23e-05	0.0	-1.93e-05
1441	1	2.76e-04	2.75e-03	-0.03	2.24e-04	0.0	-3.43e-05
1441	2	1.20e-03	8.78e-04	-0.07	-4.43e-05	0.0	-4.52e-05
1441	3	1.81e-04	7.45e-04	-0.01	4.15e-05	0.0	-1.29e-05
1441	4	4.55e-04	1.89e-04	-0.03	-3.80e-05	0.0	-1.61e-05
1442	1	1.95e-04	3.05e-03	-0.03	2.52e-04	0.0	-2.40e-05
1442	2	8.42e-04	1.27e-03	-0.07	7.35e-06	0.0	-3.23e-05
1442	3	1.28e-04	8.55e-04	-0.01	5.34e-05	0.0	-9.11e-06
1442	4	3.20e-04	3.28e-04	-0.03	-1.92e-05	0.0	-1.16e-05
1443	1	1.08e-04	3.23e-03	-0.03	2.69e-04	0.0	-1.26e-05
1443	2	4.34e-04	1.51e-03	-0.07	3.99e-05	0.0	-1.68e-05
1443	3	6.80e-05	9.24e-04	-0.01	6.07e-05	0.0	-4.77e-06
1443	4	1.65e-04	4.16e-04	-0.03	-7.29e-06	0.0	-6.01e-06
1444	1	1.70e-05	3.29e-03	-0.03	2.75e-04	0.0	0.0
1444	2	0.0	1.60e-03	-0.07	5.10e-05	0.0	0.0
1444	3	5.04e-06	9.49e-04	-0.01	6.31e-05	0.0	0.0
1444	4	0.0	4.47e-04	-0.03	-3.24e-06	0.0	0.0
1445	1	-7.31e-05	3.24e-03	-0.03	2.69e-04	0.0	1.13e-05
1445	2	-4.34e-04	1.51e-03	-0.07	3.99e-05	0.0	1.68e-05
1445	3	-5.77e-05	9.28e-04	-0.01	6.05e-05	0.0	4.39e-06
1445	4	-1.65e-04	4.16e-04	-0.03	-7.29e-06	0.0	6.01e-06
1446	1	-1.59e-04	3.07e-03	-0.03	2.52e-04	0.0	2.28e-05
1446	2	-8.42e-04	1.27e-03	-0.07	7.35e-06	0.0	3.23e-05
1446	3	-1.17e-04	8.62e-04	-0.01	5.32e-05	0.0	8.74e-06
1446	4	-3.20e-04	3.28e-04	-0.03	-1.92e-05	0.0	1.16e-05
1447	1	-2.38e-04	2.79e-03	-0.03	2.24e-04	0.0	3.32e-05
1447	2	-1.20e-03	8.78e-04	-0.07	-4.43e-05	0.0	4.52e-05
1447	3	-1.70e-04	7.55e-04	-0.01	4.14e-05	0.0	1.26e-05
1447	4	-4.55e-04	1.89e-04	-0.03	-3.80e-05	0.0	1.61e-05
1448	1	-3.05e-04	2.41e-03	-0.03	1.86e-04	0.0	4.20e-05
1448	2	-1.48e-03	3.78e-04	-0.06	-1.11e-04	0.0	5.41e-05
1448	3	-2.13e-04	6.14e-04	-0.01	2.58e-05	0.0	1.57e-05
1448	4	-5.61e-04	1.08e-05	-0.03	-6.23e-05	0.0	1.93e-05
1449	1	-3.58e-04	1.96e-03	-0.02	1.40e-04	0.0	4.86e-05
1449	2	-1.65e-03	-1.85e-04	-0.06	-1.87e-04	0.0	5.77e-05
1449	3	-2.42e-04	4.47e-04	-0.01	7.06e-06	0.0	1.77e-05
1449	4	-6.25e-04	-1.89e-04	-0.02	-9.00e-05	0.0	2.04e-05
1450	1	-3.90e-04	1.45e-03	-0.02	8.86e-05	0.0	5.25e-05
1450	2	-1.68e-03	-7.49e-04	-0.06	-2.65e-04	0.0	5.43e-05
1450	3	-2.54e-04	2.66e-04	-0.01	-1.35e-05	0.0	1.84e-05
1450	4	-6.36e-04	-3.87e-04	-0.02	-1.18e-04	0.0	1.90e-05
1451	1	-3.99e-04	9.22e-04	-0.02	3.30e-05	0.0	5.40e-05
1451	2	-1.53e-03	-1.23e-03	-0.06	-3.35e-04	0.0	4.15e-05
1451	3	-2.44e-04	8.42e-05	-0.01	-3.45e-05	0.0	1.77e-05
1451	4	-5.80e-04	-5.55e-04	-0.02	-1.44e-04	0.0	1.40e-05
1452	1	-3.80e-04	3.85e-04	-0.02	-2.45e-05	0.0	5.34e-05
1452	2	-1.17e-03	-1.53e-03	-0.05	-3.82e-04	0.0	1.43e-05
1452	3	-2.08e-04	-8.18e-05	-0.01	-5.40e-05	0.0	1.52e-05
1452	4	-4.42e-04	-6.48e-04	-0.02	-1.60e-04	0.0	3.57e-06
1453	1	-3.29e-04	-1.43e-04	-0.02	-8.26e-05	0.0	4.92e-05
1453	2	-5.41e-04	-1.47e-03	-0.05	-3.80e-04	0.0	-3.52e-05
1453	3	-1.41e-04	-2.13e-04	-0.01	-6.91e-05	0.0	9.17e-06
1453	4	-2.04e-04	-6.05e-04	-0.02	-1.57e-04	0.0	-1.58e-05
1454	1	1.71e-03	5.66e-04	-0.02	4.15e-06	0.0	-1.46e-04
1454	2	2.41e-04	-1.64e-03	-0.04	-4.06e-04	0.0	7.77e-05
1454	3	5.24e-04	-7.26e-06	-0.01	-4.37e-05	0.0	-3.53e-05
1454	4	8.74e-05	-6.60e-04	-0.02	-1.65e-04	0.0	3.11e-05
1455	1	1.86e-03	2.06e-03	-0.02	1.90e-04	0.0	-1.50e-04
1455	2	1.25e-03	-2.16e-03	-0.05	-4.63e-04	0.0	3.61e-05
1455	3	6.46e-04	3.81e-04	-0.01	5.51e-06	0.0	-4.03e-05
1455	4	4.65e-04	-8.69e-04	-0.02	-1.88e-04	0.0	1.48e-05
1456	1	1.89e-03	3.55e-03	-0.03	3.69e-04	0.0	-1.48e-04
1456	2	1.88e-03	-2.41e-03	-0.05	-4.81e-04	0.0	1.60e-05
1456	3	7.05e-04	7.91e-04	-0.01	5.65e-05	0.0	-4.16e-05
1456	4	7.02e-04	-9.74e-04	-0.02	-1.95e-04	0.0	7.12e-06
1457	1	1.82e-03	5.01e-03	-0.03	5.42e-04	0.0	-1.42e-04
1457	2	2.20e-03	-2.51e-03	-0.05	-4.81e-04	0.0	5.40e-06
1457	3	7.09e-04	1.20e-03	-0.01	1.07e-04	0.0	-4.07e-05
1457	4	8.20e-04	-1.03e-03	-0.02	-1.96e-04	0.0	3.12e-06
1458	1	1.66e-03	6.37e-03	-0.03	7.02e-04	0.0	-1.30e-04
1458	2	2.24e-03	-2.53e-03	-0.06	-4.74e-04	0.0	0.0
1458	3	6.65e-04	1.60e-03	-0.01	1.54e-04	0.0	-3.77e-05



1458	4	8.36e-04	-1.04e-03	-0.02	-1.94e-04	0.0	0.0
1459	1	1.43e-03	7.59e-03	-0.03	8.43e-04	0.0	-1.12e-04
1459	2	2.06e-03	-2.50e-03	-0.06	-4.62e-04	0.0	-4.46e-06
1459	3	5.81e-04	1.95e-03	-0.02	1.96e-04	0.0	-3.28e-05
1459	4	7.69e-04	-1.04e-03	-0.02	-1.90e-04	0.0	0.0
1460	1	1.13e-03	8.61e-03	-0.04	9.60e-04	0.0	-9.05e-05
1460	2	1.70e-03	-2.45e-03	-0.06	-4.50e-04	0.0	-5.57e-06
1460	3	4.65e-04	2.25e-03	-0.02	2.31e-04	0.0	-2.65e-05
1460	4	6.35e-04	-1.03e-03	-0.02	-1.86e-04	0.0	-1.38e-06
1461	1	7.83e-04	9.38e-03	-0.04	1.05e-03	0.0	-6.51e-05
1461	2	1.21e-03	-2.40e-03	-0.06	-4.39e-04	0.0	-4.80e-06
1461	3	3.25e-04	2.47e-03	-0.02	2.58e-04	0.0	-1.92e-05
1461	4	4.51e-04	-1.02e-03	-0.02	-1.83e-04	0.0	-1.31e-06
1462	1	4.06e-04	9.89e-03	-0.04	1.11e-03	0.0	-3.59e-05
1462	2	6.25e-04	-2.36e-03	-0.07	-4.32e-04	0.0	-2.73e-06
1462	3	1.69e-04	2.62e-03	-0.02	2.75e-04	0.0	-1.06e-05
1462	4	2.33e-04	-1.01e-03	-0.03	-1.81e-04	0.0	0.0
1463	1	1.41e-05	0.01	-0.04	1.13e-03	0.0	-2.78e-06
1463	2	0.0	-2.35e-03	-0.07	-4.30e-04	0.0	0.0
1463	3	4.19e-06	2.68e-03	-0.02	2.81e-04	0.0	0.0
1463	4	0.0	-1.00e-03	-0.03	-1.80e-04	0.0	0.0
1464	1	-3.78e-04	9.94e-03	-0.04	1.11e-03	0.0	3.19e-05
1464	2	-6.25e-04	-2.36e-03	-0.07	-4.32e-04	0.0	2.73e-06
1464	3	-1.60e-04	2.64e-03	-0.02	2.76e-04	0.0	9.42e-06
1464	4	-2.33e-04	-1.01e-03	-0.03	-1.81e-04	0.0	0.0
1465	1	-7.52e-04	9.46e-03	-0.04	1.05e-03	0.0	6.39e-05
1465	2	-1.21e-03	-2.40e-03	-0.06	-4.39e-04	0.0	4.80e-06
1465	3	-3.16e-04	2.50e-03	-0.02	2.59e-04	0.0	1.88e-05
1465	4	-4.51e-04	-1.02e-03	-0.02	-1.83e-04	0.0	1.31e-06
1466	1	-1.09e-03	8.68e-03	-0.04	9.64e-04	0.0	9.08e-05
1466	2	-1.70e-03	-2.45e-03	-0.06	-4.50e-04	0.0	5.57e-06
1466	3	-4.55e-04	2.27e-03	-0.02	2.33e-04	0.0	2.66e-05
1466	4	-6.35e-04	-1.03e-03	-0.02	-1.86e-04	0.0	1.38e-06
1467	1	-1.39e-03	7.66e-03	-0.03	8.46e-04	0.0	1.13e-04
1467	2	-2.06e-03	-2.50e-03	-0.06	-4.62e-04	0.0	4.46e-06
1467	3	-5.69e-04	1.97e-03	-0.02	1.97e-04	0.0	3.29e-05
1467	4	-7.69e-04	-1.04e-03	-0.02	-1.90e-04	0.0	0.0
1468	1	-1.62e-03	6.45e-03	-0.03	7.05e-04	0.0	1.30e-04
1468	2	-2.24e-03	-2.53e-03	-0.06	-4.74e-04	0.0	0.0
1468	3	-6.52e-04	1.62e-03	-0.01	1.55e-04	0.0	3.76e-05
1468	4	-8.36e-04	-1.04e-03	-0.02	-1.94e-04	0.0	0.0
1469	1	-1.77e-03	5.08e-03	-0.03	5.46e-04	0.0	1.43e-04
1469	2	-2.20e-03	-2.51e-03	-0.05	-4.81e-04	0.0	-5.40e-06
1469	3	-6.95e-04	1.23e-03	-0.01	1.08e-04	0.0	4.07e-05
1469	4	-8.20e-04	-1.03e-03	-0.02	-1.96e-04	0.0	-3.12e-06
1470	1	-1.85e-03	3.62e-03	-0.03	3.74e-04	0.0	1.49e-04
1470	2	-1.88e-03	-2.41e-03	-0.05	-4.81e-04	0.0	-1.60e-05
1470	3	-6.91e-04	8.12e-04	-0.01	5.78e-05	0.0	4.18e-05
1470	4	-7.02e-04	-9.74e-04	-0.02	-1.95e-04	0.0	-7.12e-06
1471	1	-1.82e-03	2.12e-03	-0.02	1.94e-04	0.0	1.52e-04
1471	2	-1.25e-03	-2.16e-03	-0.05	-4.63e-04	0.0	-3.61e-05
1471	3	-6.34e-04	3.97e-04	-0.01	6.65e-06	0.0	4.09e-05
1471	4	-4.65e-04	-8.69e-04	-0.02	-1.88e-04	0.0	-1.48e-05
1472	1	-1.69e-03	5.92e-04	-0.02	5.44e-06	0.0	1.50e-04
1472	2	-2.41e-04	-1.64e-03	-0.04	-4.06e-04	0.0	-7.77e-05
1472	3	-5.15e-04	0.0	-0.01	-4.34e-05	0.0	3.64e-05
1472	4	-8.74e-05	-6.60e-04	-0.02	-1.65e-04	0.0	-3.11e-05
1473	1	5.17e-03	1.53e-03	-0.02	1.19e-04	0.0	-2.76e-04
1473	2	-2.66e-04	-1.54e-03	-0.04	-3.97e-04	0.0	9.08e-05
1473	3	1.51e-03	2.96e-04	-0.01	-7.27e-06	0.0	-7.31e-05
1473	4	-1.03e-04	-6.14e-04	-0.01	-1.60e-04	0.0	3.56e-05
1474	1	5.66e-03	4.40e-03	-0.03	4.83e-04	0.0	-2.92e-04
1474	2	8.65e-04	-2.20e-03	-0.04	-4.69e-04	0.0	5.25e-05
1474	3	1.74e-03	1.08e-03	-0.01	9.42e-05	0.0	-8.16e-05
1474	4	3.18e-04	-8.73e-04	-0.01	-1.88e-04	0.0	2.05e-05
1475	1	5.81e-03	7.37e-03	-0.04	8.51e-04	0.0	-3.02e-04
1475	2	1.60e-03	-2.63e-03	-0.04	-5.06e-04	0.0	3.68e-05
1475	3	1.84e-03	1.92e-03	-0.02	2.00e-04	0.0	-8.59e-05
1475	4	5.93e-04	-1.04e-03	-0.02	-2.02e-04	0.0	1.44e-05
1476	1	5.64e-03	0.01	-0.05	1.22e-03	0.0	-3.04e-04
1476	2	2.00e-03	-2.96e-03	-0.04	-5.31e-04	0.0	2.90e-05
1476	3	1.82e-03	2.79e-03	-0.02	3.08e-04	0.0	-8.73e-05
1476	4	7.42e-04	-1.17e-03	-0.02	-2.12e-04	0.0	1.15e-05
1477	1	5.19e-03	0.01	-0.05	1.59e-03	0.0	-2.93e-04
1477	2	2.11e-03	-3.23e-03	-0.04	-5.51e-04	0.0	2.32e-05
1477	3	1.69e-03	3.65e-03	-0.02	4.15e-04	0.0	-8.44e-05
1477	4	7.84e-04	-1.28e-03	-0.02	-2.19e-04	0.0	9.24e-06



1478	1	4.47e-03	0.02	-0.06	1.93e-03	0.0	-2.63e-04
1478	2	1.98e-03	-3.43e-03	-0.05	-5.66e-04	0.0	1.80e-05
1478	3	1.47e-03	4.45e-03	-0.02	5.14e-04	0.0	-7.61e-05
1478	4	7.35e-04	-1.36e-03	-0.02	-2.25e-04	0.0	7.21e-06
1479	1	3.54e-03	0.02	-0.07	2.22e-03	0.0	-2.11e-04
1479	2	1.65e-03	-3.59e-03	-0.05	-5.78e-04	0.0	1.31e-05
1479	3	1.17e-03	5.15e-03	-0.02	5.98e-04	0.0	-6.12e-05
1479	4	6.14e-04	-1.42e-03	-0.02	-2.30e-04	0.0	5.30e-06
1480	1	2.45e-03	0.02	-0.07	2.43e-03	0.0	-1.39e-04
1480	2	1.18e-03	-3.70e-03	-0.05	-5.87e-04	0.0	8.60e-06
1480	3	8.16e-04	5.66e-03	-0.03	6.59e-04	0.0	-4.02e-05
1480	4	4.39e-04	-1.47e-03	-0.02	-2.33e-04	0.0	3.48e-06
1481	1	1.27e-03	0.02	-0.07	2.54e-03	0.0	-6.09e-05
1481	2	6.16e-04	-3.76e-03	-0.05	-5.92e-04	0.0	4.25e-06
1481	3	4.24e-04	5.94e-03	-0.03	6.93e-04	0.0	-1.76e-05
1481	4	2.29e-04	-1.49e-03	-0.02	-2.35e-04	0.0	1.73e-06
1482	1	6.45e-05	0.02	-0.08	2.58e-03	0.0	0.0
1482	2	0.0	-3.78e-03	-0.05	-5.94e-04	0.0	0.0
1482	3	1.91e-05	6.03e-03	-0.03	7.03e-04	0.0	0.0
1482	4	0.0	-1.50e-03	-0.02	-2.36e-04	0.0	0.0
1483	1	-1.14e-03	0.02	-0.08	2.55e-03	0.0	4.68e-05
1483	2	-6.16e-04	-3.76e-03	-0.05	-5.92e-04	0.0	-4.25e-06
1483	3	-3.83e-04	5.96e-03	-0.03	6.95e-04	0.0	1.34e-05
1483	4	-2.29e-04	-1.49e-03	-0.02	-2.35e-04	0.0	-1.73e-06
1484	1	-2.30e-03	0.02	-0.07	2.46e-03	0.0	1.06e-04
1484	2	-1.18e-03	-3.70e-03	-0.05	-5.87e-04	0.0	-8.60e-06
1484	3	-7.71e-04	5.74e-03	-0.03	6.69e-04	0.0	3.05e-05
1484	4	-4.39e-04	-1.47e-03	-0.02	-2.33e-04	0.0	-3.48e-06
1485	1	-3.40e-03	0.02	-0.07	2.29e-03	0.0	1.81e-04
1485	2	-1.65e-03	-3.59e-03	-0.05	-5.78e-04	0.0	-1.31e-05
1485	3	-1.13e-03	5.33e-03	-0.03	6.19e-04	0.0	5.23e-05
1485	4	-6.14e-04	-1.42e-03	-0.02	-2.30e-04	0.0	-5.30e-06
1486	1	-4.36e-03	0.02	-0.06	2.03e-03	0.0	2.50e-04
1486	2	-1.98e-03	-3.43e-03	-0.05	-5.66e-04	0.0	-1.80e-05
1486	3	-1.44e-03	4.71e-03	-0.02	5.43e-04	0.0	7.21e-05
1486	4	-7.35e-04	-1.36e-03	-0.02	-2.25e-04	0.0	-7.21e-06
1487	1	-5.12e-03	0.01	-0.06	1.70e-03	0.0	2.95e-04
1487	2	-2.11e-03	-3.23e-03	-0.04	-5.51e-04	0.0	-2.32e-05
1487	3	-1.68e-03	3.92e-03	-0.02	4.46e-04	0.0	8.52e-05
1487	4	-7.84e-04	-1.28e-03	-0.02	-2.19e-04	0.0	-9.24e-06
1488	1	-5.63e-03	0.01	-0.05	1.32e-03	0.0	3.18e-04
1488	2	-2.00e-03	-2.96e-03	-0.04	-5.31e-04	0.0	-2.90e-05
1488	3	-1.82e-03	3.03e-03	-0.02	3.37e-04	0.0	9.13e-05
1488	4	-7.42e-04	-1.17e-03	-0.02	-2.12e-04	0.0	-1.15e-05
1489	1	-5.85e-03	8.02e-03	-0.04	9.29e-04	0.0	3.22e-04
1489	2	-1.60e-03	-2.63e-03	-0.04	-5.06e-04	0.0	-3.68e-05
1489	3	-1.85e-03	2.11e-03	-0.02	2.23e-04	0.0	9.18e-05
1489	4	-5.93e-04	-1.04e-03	-0.02	-2.02e-04	0.0	-1.44e-05
1490	1	-5.74e-03	4.83e-03	-0.03	5.35e-04	0.0	3.16e-04
1490	2	-8.65e-04	-2.20e-03	-0.04	-4.69e-04	0.0	-5.25e-05
1490	3	-1.76e-03	1.21e-03	-0.01	1.09e-04	0.0	8.86e-05
1490	4	-3.18e-04	-8.73e-04	-0.01	-1.88e-04	0.0	-2.05e-05
1491	1	-5.29e-03	1.72e-03	-0.02	1.39e-04	0.0	3.02e-04
1491	2	2.66e-04	-1.54e-03	-0.04	-3.97e-04	0.0	-9.08e-05
1491	3	-1.54e-03	3.50e-04	-0.01	-1.27e-06	0.0	8.08e-05
1491	4	1.03e-04	-6.14e-04	-0.01	-1.60e-04	0.0	-3.56e-05
1492	1	9.90e-03	1.21e-03	-0.02	7.48e-05	0.0	-2.16e-04
1492	2	-6.55e-04	-1.28e-03	-0.03	-3.62e-04	0.0	8.75e-05
1492	3	2.88e-03	2.28e-04	-0.01	-1.59e-05	0.0	-5.57e-05
1492	4	-2.47e-04	-5.11e-04	-0.01	-1.45e-04	0.0	3.41e-05
1493	1	0.01	3.56e-03	-0.04	3.76e-04	0.0	-2.47e-04
1493	2	4.98e-04	-1.90e-03	-0.03	-4.26e-04	0.0	4.88e-05
1493	3	3.34e-03	8.65e-04	-0.01	6.76e-05	0.0	-6.86e-05
1493	4	1.82e-04	-7.51e-04	-0.01	-1.70e-04	0.0	1.89e-05
1494	1	0.01	6.15e-03	-0.06	7.03e-04	0.0	-2.73e-04
1494	2	1.27e-03	-2.30e-03	-0.03	-4.57e-04	0.0	3.45e-05
1494	3	3.60e-03	1.60e-03	-0.02	1.62e-04	0.0	-7.78e-05
1494	4	4.67e-04	-9.09e-04	-0.01	-1.82e-04	0.0	1.34e-05
1495	1	0.01	9.01e-03	-0.07	1.06e-03	0.0	-2.99e-04
1495	2	1.70e-03	-2.62e-03	-0.03	-4.78e-04	0.0	2.82e-05
1495	3	3.67e-03	2.41e-03	-0.02	2.66e-04	0.0	-8.59e-05
1495	4	6.30e-04	-1.03e-03	-0.01	-1.89e-04	0.0	1.10e-05
1496	1	0.01	0.01	-0.09	1.44e-03	0.0	-3.19e-04
1496	2	1.85e-03	-2.88e-03	-0.03	-4.95e-04	0.0	2.33e-05
1496	3	3.55e-03	3.31e-03	-0.03	3.79e-04	0.0	-9.23e-05
1496	4	6.87e-04	-1.13e-03	-0.01	-1.96e-04	0.0	9.06e-06
1497	1	0.01	0.02	-0.10	1.85e-03	0.0	-3.36e-04



1497	2	1.77e-03	-3.09e-03	-0.04	-5.09e-04	0.0	1.86e-05
1497	3	3.25e-03	4.25e-03	-0.03	4.98e-04	0.0	-9.78e-05
1497	4	6.55e-04	-1.21e-03	-0.01	-2.01e-04	0.0	7.25e-06
1498	1	8.96e-03	0.02	-0.12	2.28e-03	0.0	-3.63e-04
1498	2	1.49e-03	-3.25e-03	-0.04	-5.21e-04	0.0	1.39e-05
1498	3	2.77e-03	5.27e-03	-0.04	6.26e-04	0.0	-1.06e-04
1498	4	5.53e-04	-1.28e-03	-0.02	-2.06e-04	0.0	5.44e-06
1499	1	6.83e-03	0.02	-0.13	2.77e-03	0.0	-4.26e-04
1499	2	1.07e-03	-3.37e-03	-0.04	-5.29e-04	0.0	9.28e-06
1499	3	2.10e-03	6.42e-03	-0.04	7.70e-04	0.0	-1.25e-04
1499	4	3.98e-04	-1.32e-03	-0.02	-2.09e-04	0.0	3.62e-06
1500	1	4.11e-03	0.03	-0.14	3.32e-03	0.0	-4.71e-04
1500	2	5.60e-04	-3.44e-03	-0.04	-5.34e-04	0.0	4.63e-06
1500	3	1.26e-03	7.78e-03	-0.04	9.31e-04	0.0	-1.39e-04
1500	4	2.08e-04	-1.35e-03	-0.02	-2.11e-04	0.0	1.81e-06
1501	1	8.22e-04	0.03	-0.14	3.73e-03	0.0	-2.28e-04
1501	2	0.0	-3.46e-03	-0.04	-5.36e-04	0.0	0.0
1501	3	2.44e-04	8.90e-03	-0.05	1.05e-03	0.0	-6.75e-05
1501	4	0.0	-1.36e-03	-0.02	-2.11e-04	0.0	0.0
1502	1	-2.72e-03	0.03	-0.14	3.71e-03	0.0	2.61e-04
1502	2	-5.60e-04	-3.44e-03	-0.04	-5.34e-04	0.0	-4.63e-06
1502	3	-8.49e-04	8.85e-03	-0.05	1.05e-03	0.0	7.68e-05
1502	4	-2.08e-04	-1.35e-03	-0.02	-2.11e-04	0.0	-1.81e-06
1503	1	-5.95e-03	0.03	-0.13	3.26e-03	0.0	5.04e-04
1503	2	-1.07e-03	-3.37e-03	-0.04	-5.29e-04	0.0	-9.28e-06
1503	3	-1.84e-03	7.64e-03	-0.04	9.14e-04	0.0	1.48e-04
1503	4	-3.98e-04	-1.32e-03	-0.02	-2.09e-04	0.0	-3.62e-06
1504	1	-8.54e-03	0.02	-0.12	2.67e-03	0.0	4.57e-04
1504	2	-1.49e-03	-3.25e-03	-0.04	-5.21e-04	0.0	-1.39e-05
1504	3	-2.64e-03	6.19e-03	-0.04	7.41e-04	0.0	1.34e-04
1504	4	-5.53e-04	-1.28e-03	-0.02	-2.06e-04	0.0	-5.44e-06
1505	1	-0.01	0.02	-0.11	2.15e-03	0.0	3.92e-04
1505	2	-1.77e-03	-3.09e-03	-0.04	-5.09e-04	0.0	-1.86e-05
1505	3	-3.24e-03	4.96e-03	-0.04	5.85e-04	0.0	1.14e-04
1505	4	-6.55e-04	-1.21e-03	-0.01	-2.01e-04	0.0	-7.25e-06
1506	1	-0.01	0.01	-0.09	1.68e-03	0.0	3.61e-04
1506	2	-1.85e-03	-2.88e-03	-0.03	-4.95e-04	0.0	-2.33e-05
1506	3	-3.63e-03	3.87e-03	-0.03	4.48e-04	0.0	1.05e-04
1506	4	-6.87e-04	-1.13e-03	-0.01	-1.96e-04	0.0	-9.06e-06
1507	1	-0.01	0.01	-0.08	1.24e-03	0.0	3.39e-04
1507	2	-1.70e-03	-2.62e-03	-0.03	-4.78e-04	0.0	-2.82e-05
1507	3	-3.81e-03	2.86e-03	-0.03	3.20e-04	0.0	9.79e-05
1507	4	-6.30e-04	-1.03e-03	-0.01	-1.89e-04	0.0	-1.10e-05
1508	1	-0.01	7.23e-03	-0.06	8.36e-04	0.0	3.14e-04
1508	2	-1.27e-03	-2.30e-03	-0.03	-4.57e-04	0.0	-3.45e-05
1508	3	-3.78e-03	1.92e-03	-0.02	2.01e-04	0.0	9.00e-05
1508	4	-4.67e-04	-9.09e-04	-0.01	-1.82e-04	0.0	-1.34e-05
1509	1	-0.01	4.23e-03	-0.04	4.58e-04	0.0	2.87e-04
1509	2	-4.98e-04	-1.90e-03	-0.03	-4.26e-04	0.0	-4.88e-05
1509	3	-3.54e-03	1.06e-03	-0.02	9.19e-05	0.0	8.06e-05
1509	4	-1.82e-04	-7.51e-04	-0.01	-1.70e-04	0.0	-1.89e-05
1510	1	-0.01	1.49e-03	-0.03	1.06e-04	0.0	2.54e-04
1510	2	6.55e-04	-1.28e-03	-0.03	-3.62e-04	0.0	-8.75e-05
1510	3	-3.08e-03	3.09e-04	-0.01	-6.62e-06	0.0	6.72e-05
1510	4	2.47e-04	-5.11e-04	-0.01	-1.45e-04	0.0	-3.41e-05
1511	1	0.01	-9.73e-04	-0.02	-1.98e-04	0.0	1.21e-04
1511	2	-8.30e-04	-9.68e-04	-0.02	-3.12e-04	0.0	7.83e-05
1511	3	3.30e-03	-3.89e-04	-8.87e-03	-9.10e-05	0.0	4.32e-05
1511	4	-3.12e-04	-3.87e-04	-7.45e-03	-1.25e-04	0.0	3.06e-05
1512	1	0.01	-2.10e-03	-0.04	-3.38e-04	0.0	1.10e-04
1512	2	3.30e-04	-1.48e-03	-0.02	-3.61e-04	0.0	3.79e-05
1512	3	3.86e-03	-7.70e-04	-0.01	-1.37e-04	0.0	3.63e-05
1512	4	1.20e-04	-5.87e-04	-7.51e-03	-1.44e-04	0.0	1.48e-05
1513	1	0.01	-3.21e-03	-0.06	-4.71e-04	0.0	1.14e-04
1513	2	1.11e-03	-1.78e-03	-0.02	-3.77e-04	0.0	2.39e-05
1513	3	4.21e-03	-1.13e-03	-0.02	-1.78e-04	0.0	3.61e-05
1513	4	4.10e-04	-7.04e-04	-8.06e-03	-1.50e-04	0.0	9.39e-06
1514	1	0.01	-4.39e-03	-0.08	-6.13e-04	0.0	1.23e-04
1514	2	1.56e-03	-1.99e-03	-0.02	-3.83e-04	0.0	1.84e-05
1514	3	4.36e-03	-1.50e-03	-0.03	-2.20e-04	0.0	3.82e-05
1514	4	5.78e-04	-7.87e-04	-8.90e-03	-1.53e-04	0.0	7.21e-06
1515	1	0.01	-5.67e-03	-0.10	-7.68e-04	0.0	1.33e-04
1515	2	1.73e-03	-2.16e-03	-0.03	-3.88e-04	0.0	1.46e-05
1515	3	4.31e-03	-1.89e-03	-0.03	-2.67e-04	0.0	4.07e-05
1515	4	6.41e-04	-8.53e-04	-9.88e-03	-1.54e-04	0.0	5.74e-06
1516	1	0.01	-7.06e-03	-0.12	-9.40e-04	0.0	1.47e-04
1516	2	1.67e-03	-2.29e-03	-0.03	-3.91e-04	0.0	1.13e-05



1516	3	4.06e-03	-2.32e-03	-0.04	-3.18e-04	0.0	4.48e-05
1516	4	6.18e-04	-9.04e-04	-0.01	-1.56e-04	0.0	4.46e-06
1517	1	0.01	-8.69e-03	-0.14	-1.14e-03	0.0	1.83e-04
1517	2	1.41e-03	-2.39e-03	-0.03	-3.94e-04	0.0	8.25e-06
1517	3	3.58e-03	-2.81e-03	-0.04	-3.79e-04	0.0	5.51e-05
1517	4	5.24e-04	-9.43e-04	-0.01	-1.57e-04	0.0	3.27e-06
1518	1	9.36e-03	-0.01	-0.15	-1.43e-03	0.0	2.70e-04
1518	2	1.02e-03	-2.45e-03	-0.03	-3.96e-04	0.0	5.40e-06
1518	3	2.85e-03	-3.47e-03	-0.05	-4.63e-04	0.0	8.06e-05
1518	4	3.79e-04	-9.70e-04	-0.01	-1.57e-04	0.0	2.14e-06
1519	1	6.04e-03	-0.01	-0.16	-1.81e-03	0.0	3.62e-04
1519	2	5.34e-04	-2.49e-03	-0.03	-3.98e-04	0.0	2.67e-06
1519	3	1.83e-03	-4.44e-03	-0.05	-5.77e-04	0.0	1.08e-04
1519	4	1.98e-04	-9.86e-04	-0.01	-1.58e-04	0.0	1.06e-06
1520	1	1.52e-03	-0.02	-0.17	-2.14e-03	0.0	1.93e-04
1520	2	0.0	-2.51e-03	-0.03	-3.98e-04	0.0	0.0
1520	3	4.51e-04	-5.35e-03	-0.05	-6.74e-04	0.0	5.73e-05
1520	4	0.0	-9.91e-04	-0.01	-1.58e-04	0.0	0.0
1521	1	-3.66e-03	-0.02	-0.17	-2.13e-03	0.0	-2.06e-04
1521	2	-5.34e-04	-2.49e-03	-0.03	-3.98e-04	0.0	-2.67e-06
1521	3	-1.12e-03	-5.33e-03	-0.05	-6.71e-04	0.0	-6.13e-05
1521	4	-1.98e-04	-9.86e-04	-0.01	-1.58e-04	0.0	-1.06e-06
1522	1	-8.11e-03	-0.01	-0.16	-1.79e-03	0.0	-3.75e-04
1522	2	-1.02e-03	-2.45e-03	-0.03	-3.96e-04	0.0	-5.40e-06
1522	3	-2.48e-03	-4.38e-03	-0.05	-5.70e-04	0.0	-1.12e-04
1522	4	-3.79e-04	-9.70e-04	-0.01	-1.57e-04	0.0	-2.14e-06
1523	1	-0.01	-0.01	-0.14	-1.39e-03	0.0	-2.82e-04
1523	2	-1.41e-03	-2.39e-03	-0.03	-3.94e-04	0.0	-8.25e-06
1523	3	-3.45e-03	-3.37e-03	-0.05	-4.52e-04	0.0	-8.44e-05
1523	4	-5.24e-04	-9.43e-04	-0.01	-1.57e-04	0.0	-3.27e-06
1524	1	-0.01	-8.26e-03	-0.13	-1.09e-03	0.0	-1.94e-04
1524	2	-1.67e-03	-2.29e-03	-0.03	-3.91e-04	0.0	-1.13e-05
1524	3	-4.11e-03	-2.67e-03	-0.04	-3.64e-04	0.0	-5.87e-05
1524	4	-6.18e-04	-9.04e-04	-0.01	-1.56e-04	0.0	-4.46e-06
1525	1	-0.01	-6.53e-03	-0.11	-8.77e-04	0.0	-1.58e-04
1525	2	-1.73e-03	-2.16e-03	-0.03	-3.88e-04	0.0	-1.46e-05
1525	3	-4.49e-03	-2.15e-03	-0.03	-2.99e-04	0.0	-4.82e-05
1525	4	-6.41e-04	-8.53e-04	-9.88e-03	-1.54e-04	0.0	-5.74e-06
1526	1	-0.02	-5.03e-03	-0.08	-6.95e-04	0.0	-1.42e-04
1526	2	-1.56e-03	-1.99e-03	-0.02	-3.83e-04	0.0	-1.84e-05
1526	3	-4.62e-03	-1.69e-03	-0.03	-2.45e-04	0.0	-4.38e-05
1526	4	-5.78e-04	-7.87e-04	-8.90e-03	-1.53e-04	0.0	-7.21e-06
1527	1	-0.01	-3.67e-03	-0.06	-5.30e-04	0.0	-1.32e-04
1527	2	-1.11e-03	-1.78e-03	-0.02	-3.77e-04	0.0	-2.39e-05
1527	3	-4.51e-03	-1.26e-03	-0.02	-1.95e-04	0.0	-4.13e-05
1527	4	-4.10e-04	-7.04e-04	-8.06e-03	-1.50e-04	0.0	-9.39e-06
1528	1	-0.01	-2.38e-03	-0.04	-3.76e-04	0.0	-1.27e-04
1528	2	-3.30e-04	-1.48e-03	-0.02	-3.61e-04	0.0	-3.79e-05
1528	3	-4.17e-03	-8.54e-04	-0.01	-1.48e-04	0.0	-4.13e-05
1528	4	-1.20e-04	-5.87e-04	-7.51e-03	-1.44e-04	0.0	-1.48e-05
1529	1	-0.01	-1.09e-03	-0.03	-2.15e-04	0.0	-1.38e-04
1529	2	8.30e-04	-9.68e-04	-0.02	-3.12e-04	0.0	-7.83e-05
1529	3	-3.59e-03	-4.23e-04	-9.39e-03	-9.61e-05	0.0	-4.84e-05
1529	4	3.12e-04	-3.87e-04	-7.45e-03	-1.25e-04	0.0	-3.06e-05
1530	1	7.62e-03	-2.38e-03	-0.02	-3.69e-04	0.0	3.43e-04
1530	2	-7.62e-04	-6.37e-04	-0.01	-2.49e-04	0.0	6.42e-05
1530	3	2.20e-03	-7.75e-04	-6.01e-03	-1.35e-04	0.0	1.08e-04
1530	4	-2.86e-04	-2.57e-04	-4.76e-03	-9.95e-05	0.0	2.53e-05
1531	1	8.44e-03	-5.76e-03	-0.03	-7.95e-04	0.0	3.38e-04
1531	2	4.11e-04	-1.00e-03	-0.01	-2.80e-04	0.0	2.41e-05
1531	3	2.53e-03	-1.81e-03	-9.42e-03	-2.64e-04	0.0	1.03e-04
1531	4	1.51e-04	-4.03e-04	-4.85e-03	-1.12e-04	0.0	9.65e-06
1532	1	8.78e-03	-9.19e-03	-0.04	-1.21e-03	0.0	3.51e-04
1532	2	1.20e-03	-1.17e-03	-0.01	-2.79e-04	0.0	1.13e-05
1532	3	2.69e-03	-2.85e-03	-0.01	-3.89e-04	0.0	1.05e-04
1532	4	4.43e-04	-4.70e-04	-5.42e-03	-1.12e-04	0.0	4.66e-06
1533	1	8.66e-03	-0.01	-0.05	-1.65e-03	0.0	3.65e-04
1533	2	1.65e-03	-1.26e-03	-0.02	-2.71e-04	0.0	7.00e-06
1533	3	2.69e-03	-3.92e-03	-0.02	-5.18e-04	0.0	1.09e-04
1533	4	6.10e-04	-5.09e-04	-6.28e-03	-1.09e-04	0.0	2.96e-06
1534	1	8.11e-03	-0.02	-0.06	-2.10e-03	0.0	3.69e-04
1534	2	1.81e-03	-1.32e-03	-0.02	-2.62e-04	0.0	4.67e-06
1534	3	2.54e-03	-5.02e-03	-0.02	-6.50e-04	0.0	1.10e-04
1534	4	6.72e-04	-5.35e-04	-7.28e-03	-1.06e-04	0.0	2.03e-06
1535	1	7.14e-03	-0.02	-0.08	-2.54e-03	0.0	3.54e-04
1535	2	1.74e-03	-1.36e-03	-0.02	-2.55e-04	0.0	3.04e-06
1535	3	2.24e-03	-6.10e-03	-0.02	-7.81e-04	0.0	1.05e-04



1535	4	6.44e-04	-5.53e-04	-8.28e-03	-1.03e-04	0.0	1.36e-06
1536	1	5.79e-03	-0.02	-0.08	-2.95e-03	0.0	3.13e-04
1536	2	1.47e-03	-1.39e-03	-0.02	-2.49e-04	0.0	1.87e-06
1536	3	1.83e-03	-7.10e-03	-0.03	-9.01e-04	0.0	9.30e-05
1536	4	5.46e-04	-5.64e-04	-9.17e-03	-1.01e-04	0.0	0.0
1537	1	4.14e-03	-0.03	-0.09	-3.29e-03	0.0	2.40e-04
1537	2	1.06e-03	-1.40e-03	-0.03	-2.44e-04	0.0	1.04e-06
1537	3	1.31e-03	-7.92e-03	-0.03	-1.00e-03	0.0	7.13e-05
1537	4	3.94e-04	-5.71e-04	-9.86e-03	-9.91e-05	0.0	0.0
1538	1	2.25e-03	-0.03	-0.10	-3.52e-03	0.0	1.41e-04
1538	2	5.54e-04	-1.41e-03	-0.03	-2.42e-04	0.0	0.0
1538	3	7.09e-04	-8.50e-03	-0.03	-1.07e-03	0.0	4.20e-05
1538	4	2.06e-04	-5.74e-04	-0.01	-9.81e-05	0.0	0.0
1539	1	2.46e-04	-0.03	-0.10	-3.62e-03	0.0	3.23e-05
1539	2	0.0	-1.41e-03	-0.03	-2.41e-04	0.0	0.0
1539	3	7.29e-05	-8.75e-03	-0.03	-1.10e-03	0.0	9.58e-06
1539	4	0.0	-5.75e-04	-0.01	-9.78e-05	0.0	0.0
1540	1	-1.78e-03	-0.03	-0.10	-3.59e-03	0.0	-7.76e-05
1540	2	-5.54e-04	-1.41e-03	-0.03	-2.42e-04	0.0	0.0
1540	3	-5.70e-04	-8.69e-03	-0.03	-1.09e-03	0.0	-2.31e-05
1540	4	-2.06e-04	-5.74e-04	-0.01	-9.81e-05	0.0	0.0
1541	1	-3.74e-03	-0.03	-0.09	-3.43e-03	0.0	-1.86e-04
1541	2	-1.06e-03	-1.40e-03	-0.03	-2.44e-04	0.0	-1.04e-06
1541	3	-1.19e-03	-8.29e-03	-0.03	-1.04e-03	0.0	-5.52e-05
1541	4	-3.94e-04	-5.71e-04	-9.86e-03	-9.91e-05	0.0	0.0
1542	1	-5.51e-03	-0.03	-0.09	-3.15e-03	0.0	-2.82e-04
1542	2	-1.47e-03	-1.39e-03	-0.02	-2.49e-04	0.0	-1.87e-06
1542	3	-1.74e-03	-7.59e-03	-0.03	-9.61e-04	0.0	-8.40e-05
1542	4	-5.46e-04	-5.64e-04	-9.17e-03	-1.01e-04	0.0	0.0
1543	1	-7.00e-03	-0.02	-0.08	-2.77e-03	0.0	-3.52e-04
1543	2	-1.74e-03	-1.36e-03	-0.02	-2.55e-04	0.0	-3.04e-06
1543	3	-2.20e-03	-6.64e-03	-0.02	-8.47e-04	0.0	-1.05e-04
1543	4	-6.44e-04	-5.53e-04	-8.28e-03	-1.03e-04	0.0	-1.36e-06
1544	1	-8.12e-03	-0.02	-0.07	-2.31e-03	0.0	-3.88e-04
1544	2	-1.81e-03	-1.32e-03	-0.02	-2.62e-04	0.0	-4.67e-06
1544	3	-2.54e-03	-5.53e-03	-0.02	-7.14e-04	0.0	-1.16e-04
1544	4	-6.72e-04	-5.35e-04	-7.28e-03	-1.06e-04	0.0	-2.03e-06
1545	1	-8.82e-03	-0.01	-0.05	-1.83e-03	0.0	-3.98e-04
1545	2	-1.65e-03	-1.26e-03	-0.02	-2.71e-04	0.0	-7.00e-06
1545	3	-2.73e-03	-4.36e-03	-0.02	-5.72e-04	0.0	-1.19e-04
1545	4	-6.10e-04	-5.09e-04	-6.28e-03	-1.09e-04	0.0	-2.96e-06
1546	1	-9.04e-03	-0.01	-0.04	-1.35e-03	0.0	-3.89e-04
1546	2	-1.20e-03	-1.17e-03	-0.01	-2.79e-04	0.0	-1.13e-05
1546	3	-2.77e-03	-3.18e-03	-0.01	-4.31e-04	0.0	-1.17e-04
1546	4	-4.43e-04	-4.70e-04	-5.42e-03	-1.12e-04	0.0	-4.66e-06
1547	1	-8.77e-03	-6.48e-03	-0.03	-8.87e-04	0.0	-3.80e-04
1547	2	-4.11e-04	-1.00e-03	-0.01	-2.80e-04	0.0	-2.41e-05
1547	3	-2.63e-03	-2.02e-03	-9.83e-03	-2.92e-04	0.0	-1.15e-04
1547	4	-1.51e-04	-4.03e-04	-4.85e-03	-1.12e-04	0.0	-9.65e-06
1548	1	-7.98e-03	-2.68e-03	-0.02	-4.07e-04	0.0	-3.86e-04
1548	2	7.62e-04	-6.37e-04	-0.01	-2.49e-04	0.0	-6.42e-05
1548	3	-2.31e-03	-8.62e-04	-6.26e-03	-1.46e-04	0.0	-1.21e-04
1548	4	2.86e-04	-2.57e-04	-4.76e-03	-9.95e-05	0.0	-2.53e-05
1549	1	3.16e-03	-1.77e-03	-7.97e-03	-2.80e-04	0.0	2.62e-04
1549	2	-4.31e-04	-3.57e-04	-6.70e-03	-1.80e-04	0.0	4.98e-05
1549	3	9.03e-04	-5.65e-04	-3.02e-03	-1.01e-04	0.0	8.28e-05
1549	4	-1.62e-04	-1.48e-04	-2.65e-03	-7.20e-05	0.0	1.98e-05
1550	1	3.43e-03	-4.25e-03	-0.01	-5.91e-04	0.0	2.39e-04
1550	2	7.14e-04	-6.10e-04	-7.31e-03	-1.98e-04	0.0	1.55e-05
1550	3	1.07e-03	-1.33e-03	-4.53e-03	-1.96e-04	0.0	7.27e-05
1550	4	2.63e-04	-2.51e-04	-2.87e-03	-7.94e-05	0.0	6.38e-06
1551	1	3.50e-03	-6.58e-03	-0.02	-8.71e-04	0.0	2.29e-04
1551	2	1.47e-03	-7.13e-04	-9.14e-03	-1.91e-04	0.0	6.98e-06
1551	3	1.14e-03	-2.03e-03	-6.19e-03	-2.79e-04	0.0	6.87e-05
1551	4	5.43e-04	-2.94e-04	-3.55e-03	-7.72e-05	0.0	3.00e-06
1552	1	3.37e-03	-8.82e-03	-0.02	-1.14e-03	0.0	2.18e-04
1552	2	1.89e-03	-7.80e-04	-0.01	-1.82e-04	0.0	5.72e-06
1552	3	1.14e-03	-2.70e-03	-7.89e-03	-3.57e-04	0.0	6.53e-05
1552	4	6.99e-04	-3.22e-04	-4.50e-03	-7.39e-05	0.0	2.44e-06
1553	1	3.07e-03	-0.01	-0.03	-1.39e-03	0.0	1.99e-04
1553	2	2.01e-03	-8.40e-04	-0.01	-1.75e-04	0.0	5.68e-06
1553	3	1.06e-03	-3.33e-03	-9.52e-03	-4.31e-04	0.0	5.96e-05
1553	4	7.46e-04	-3.48e-04	-5.57e-03	-7.16e-05	0.0	2.37e-06
1554	1	2.63e-03	-0.01	-0.03	-1.61e-03	0.0	1.71e-04
1554	2	1.90e-03	-8.98e-04	-0.02	-1.72e-04	0.0	5.49e-06
1554	3	9.22e-04	-3.89e-03	-0.01	-4.97e-04	0.0	5.14e-05
1554	4	7.05e-04	-3.72e-04	-6.62e-03	-7.04e-05	0.0	2.24e-06



1555	1	2.08e-03	-0.01	-0.04	-1.79e-03	0.0	1.36e-04
1555	2	1.60e-03	-9.51e-04	-0.02	-1.70e-04	0.0	4.79e-06
1555	3	7.34e-04	-4.35e-03	-0.01	-5.51e-04	0.0	4.09e-05
1555	4	5.92e-04	-3.93e-04	-7.55e-03	-6.99e-05	0.0	1.93e-06
1556	1	1.43e-03	-0.02	-0.04	-1.93e-03	0.0	9.62e-05
1556	2	1.14e-03	-9.93e-04	-0.02	-1.70e-04	0.0	3.55e-06
1556	3	5.09e-04	-4.70e-03	-0.01	-5.92e-04	0.0	2.89e-05
1556	4	4.24e-04	-4.10e-04	-8.28e-03	-6.99e-05	0.0	1.42e-06
1557	1	7.31e-04	-0.02	-0.04	-2.02e-03	0.0	5.20e-05
1557	2	5.96e-04	-1.02e-03	-0.02	-1.71e-04	0.0	1.89e-06
1557	3	2.61e-04	-4.92e-03	-0.01	-6.18e-04	0.0	1.56e-05
1557	4	2.21e-04	-4.21e-04	-8.74e-03	-7.01e-05	0.0	0.0
1558	1	3.47e-06	-0.02	-0.04	-2.05e-03	0.0	4.64e-06
1558	2	0.0	-1.03e-03	-0.02	-1.71e-04	0.0	0.0
1558	3	1.03e-06	-5.01e-03	-0.01	-6.27e-04	0.0	1.38e-06
1558	4	0.0	-4.24e-04	-8.90e-03	-7.01e-05	0.0	0.0
1559	1	-7.22e-04	-0.02	-0.04	-2.03e-03	0.0	-4.36e-05
1559	2	-5.96e-04	-1.02e-03	-0.02	-1.71e-04	0.0	-1.89e-06
1559	3	-2.59e-04	-4.95e-03	-0.01	-6.20e-04	0.0	-1.31e-05
1559	4	-2.21e-04	-4.21e-04	-8.74e-03	-7.01e-05	0.0	0.0
1560	1	-1.42e-03	-0.02	-0.04	-1.95e-03	0.0	-8.97e-05
1560	2	-1.14e-03	-9.93e-04	-0.02	-1.70e-04	0.0	-3.55e-06
1560	3	-5.06e-04	-4.75e-03	-0.01	-5.97e-04	0.0	-2.69e-05
1560	4	-4.24e-04	-4.10e-04	-8.28e-03	-6.99e-05	0.0	-1.42e-06
1561	1	-2.06e-03	-0.01	-0.04	-1.82e-03	0.0	-1.31e-04
1561	2	-1.60e-03	-9.51e-04	-0.02	-1.70e-04	0.0	-4.79e-06
1561	3	-7.28e-04	-4.42e-03	-0.01	-5.58e-04	0.0	-3.95e-05
1561	4	-5.92e-04	-3.93e-04	-7.55e-03	-6.99e-05	0.0	-1.93e-06
1562	1	-2.61e-03	-0.01	-0.03	-1.64e-03	0.0	-1.68e-04
1562	2	-1.90e-03	-8.98e-04	-0.02	-1.72e-04	0.0	-5.49e-06
1562	3	-9.15e-04	-3.97e-03	-0.01	-5.05e-04	0.0	-5.04e-05
1562	4	-7.05e-04	-3.72e-04	-6.62e-03	-7.04e-05	0.0	-2.24e-06
1563	1	-3.05e-03	-0.01	-0.03	-1.42e-03	0.0	-1.98e-04
1563	2	-2.01e-03	-8.40e-04	-0.01	-1.75e-04	0.0	-5.68e-06
1563	3	-1.05e-03	-3.42e-03	-9.58e-03	-4.41e-04	0.0	-5.93e-05
1563	4	-7.46e-04	-3.48e-04	-5.57e-03	-7.16e-05	0.0	-2.37e-06
1564	1	-3.35e-03	-9.10e-03	-0.02	-1.17e-03	0.0	-2.20e-04
1564	2	-1.89e-03	-7.80e-04	-0.01	-1.82e-04	0.0	-5.72e-06
1564	3	-1.13e-03	-2.79e-03	-7.97e-03	-3.67e-04	0.0	-6.59e-05
1564	4	-6.99e-04	-3.22e-04	-4.50e-03	-7.39e-05	0.0	-2.44e-06
1565	1	-3.49e-03	-6.83e-03	-0.02	-9.01e-04	0.0	-2.34e-04
1565	2	-1.47e-03	-7.13e-04	-9.14e-03	-1.91e-04	0.0	-6.98e-06
1565	3	-1.14e-03	-2.11e-03	-6.27e-03	-2.88e-04	0.0	-7.02e-05
1565	4	-5.43e-04	-2.94e-04	-3.55e-03	-7.72e-05	0.0	-3.00e-06
1566	1	-3.44e-03	-4.43e-03	-0.01	-6.14e-04	0.0	-2.48e-04
1566	2	-7.14e-04	-6.10e-04	-7.31e-03	-1.98e-04	0.0	-1.55e-05
1566	3	-1.07e-03	-1.38e-03	-4.61e-03	-2.03e-04	0.0	-7.52e-05
1566	4	-2.63e-04	-2.51e-04	-2.87e-03	-7.94e-05	0.0	-6.38e-06
1567	1	-3.19e-03	-1.84e-03	-8.21e-03	-2.91e-04	0.0	-2.74e-04
1567	2	4.31e-04	-3.57e-04	-6.70e-03	-1.80e-04	0.0	-4.98e-05
1567	3	-9.10e-04	-5.88e-04	-3.10e-03	-1.05e-04	0.0	-8.64e-05
1567	4	1.62e-04	-1.48e-04	-2.65e-03	-7.20e-05	0.0	-1.98e-05
1568	1	8.92e-04	-7.85e-04	-2.82e-03	-1.35e-04	0.0	1.20e-04
1568	2	3.77e-05	-2.20e-04	-2.93e-03	-1.12e-04	0.0	4.08e-05
1568	3	2.65e-04	-2.60e-04	-1.11e-03	-5.14e-05	0.0	4.00e-05
1568	4	1.18e-05	-9.27e-05	-1.15e-03	-4.45e-05	0.0	1.64e-05
1569	1	1.00e-03	-1.86e-03	-4.34e-03	-2.67e-04	0.0	9.99e-05
1569	2	9.52e-04	-4.97e-04	-3.89e-03	-1.38e-04	0.0	2.87e-05
1569	3	3.66e-04	-6.08e-04	-1.63e-03	-9.35e-05	0.0	3.23e-05
1569	4	3.51e-04	-2.03e-04	-1.50e-03	-5.50e-05	0.0	1.11e-05
1570	1	1.04e-03	-2.82e-03	-5.93e-03	-3.79e-04	0.0	9.22e-05
1570	2	1.52e-03	-8.33e-04	-5.76e-03	-1.66e-04	0.0	3.91e-05
1570	3	4.19e-04	-9.19e-04	-2.24e-03	-1.29e-04	0.0	3.05e-05
1570	4	5.62e-04	-3.31e-04	-2.19e-03	-6.57e-05	0.0	1.47e-05
1571	1	1.01e-03	-3.71e-03	-7.51e-03	-4.83e-04	0.0	8.68e-05
1571	2	1.80e-03	-1.28e-03	-8.14e-03	-2.09e-04	0.0	4.83e-05
1571	3	4.31e-04	-1.22e-03	-2.88e-03	-1.63e-04	0.0	2.95e-05
1571	4	6.66e-04	-4.99e-04	-3.07e-03	-8.18e-05	0.0	1.81e-05
1572	1	9.23e-04	-4.54e-03	-8.98e-03	-5.79e-04	0.0	7.88e-05
1572	2	1.84e-03	-1.78e-03	-0.01	-2.62e-04	0.0	5.10e-05
1572	3	4.10e-04	-1.51e-03	-3.50e-03	-1.96e-04	0.0	2.73e-05
1572	4	6.83e-04	-6.87e-04	-4.01e-03	-1.02e-04	0.0	1.90e-05
1573	1	7.91e-04	-5.28e-03	-0.01	-6.65e-04	0.0	6.77e-05
1573	2	1.70e-03	-2.28e-03	-0.01	-3.17e-04	0.0	4.78e-05
1573	3	3.60e-04	-1.76e-03	-4.07e-03	-2.25e-04	0.0	2.37e-05
1573	4	6.29e-04	-8.74e-04	-4.92e-03	-1.22e-04	0.0	1.78e-05
1574	1	6.23e-04	-5.89e-03	-0.01	-7.35e-04	0.0	5.36e-05



1574	2	1.40e-03	-2.73e-03	-0.02	-3.67e-04	0.0	3.99e-05
1574	3	2.88e-04	-1.97e-03	-4.54e-03	-2.49e-04	0.0	1.89e-05
1574	4	5.19e-04	-1.04e-03	-5.71e-03	-1.40e-04	0.0	1.48e-05
1575	1	4.27e-04	-6.34e-03	-0.01	-7.87e-04	0.0	3.72e-05
1575	2	9.94e-04	-3.07e-03	-0.02	-4.06e-04	0.0	2.85e-05
1575	3	2.00e-04	-2.14e-03	-4.90e-03	-2.68e-04	0.0	1.32e-05
1575	4	3.68e-04	-1.17e-03	-6.31e-03	-1.55e-04	0.0	1.06e-05
1576	1	2.14e-04	-6.62e-03	-0.01	-8.20e-04	0.0	1.91e-05
1576	2	5.15e-04	-3.29e-03	-0.02	-4.31e-04	0.0	1.48e-05
1576	3	1.02e-04	-2.24e-03	-5.12e-03	-2.79e-04	0.0	6.78e-06
1576	4	1.91e-04	-1.25e-03	-6.69e-03	-1.64e-04	0.0	5.51e-06
1577	1	-7.06e-06	-6.72e-03	-0.01	-8.30e-04	0.0	0.0
1577	2	0.0	-3.36e-03	-0.02	-4.39e-04	0.0	0.0
1577	3	-2.09e-06	-2.27e-03	-5.19e-03	-2.83e-04	0.0	0.0
1577	4	0.0	-1.27e-03	-6.82e-03	-1.67e-04	0.0	0.0
1578	1	-2.27e-04	-6.63e-03	-0.01	-8.19e-04	0.0	-1.87e-05
1578	2	-5.15e-04	-3.29e-03	-0.02	-4.31e-04	0.0	-1.48e-05
1578	3	-1.05e-04	-2.24e-03	-5.11e-03	-2.79e-04	0.0	-6.66e-06
1578	4	-1.91e-04	-1.25e-03	-6.69e-03	-1.64e-04	0.0	-5.51e-06
1579	1	-4.37e-04	-6.35e-03	-0.01	-7.87e-04	0.0	-3.68e-05
1579	2	-9.94e-04	-3.07e-03	-0.02	-4.06e-04	0.0	-2.85e-05
1579	3	-2.03e-04	-2.14e-03	-4.89e-03	-2.68e-04	0.0	-1.31e-05
1579	4	-3.68e-04	-1.17e-03	-6.31e-03	-1.55e-04	0.0	-1.06e-05
1580	1	-6.28e-04	-5.90e-03	-0.01	-7.35e-04	0.0	-5.33e-05
1580	2	-1.40e-03	-2.73e-03	-0.02	-3.67e-04	0.0	-3.99e-05
1580	3	-2.90e-04	-1.98e-03	-4.53e-03	-2.49e-04	0.0	-1.88e-05
1580	4	-5.19e-04	-1.04e-03	-5.71e-03	-1.40e-04	0.0	-1.48e-05
1581	1	-7.91e-04	-5.29e-03	-0.01	-6.65e-04	0.0	-6.75e-05
1581	2	-1.70e-03	-2.28e-03	-0.01	-3.17e-04	0.0	-4.78e-05
1581	3	-3.60e-04	-1.76e-03	-4.06e-03	-2.25e-04	0.0	-2.36e-05
1581	4	-6.29e-04	-8.74e-04	-4.92e-03	-1.22e-04	0.0	-1.78e-05
1582	1	-9.17e-04	-4.56e-03	-8.97e-03	-5.80e-04	0.0	-7.87e-05
1582	2	-1.84e-03	-1.78e-03	-0.01	-2.62e-04	0.0	-5.10e-05
1582	3	-4.08e-04	-1.51e-03	-3.50e-03	-1.96e-04	0.0	-2.72e-05
1582	4	-6.83e-04	-6.87e-04	-4.01e-03	-1.02e-04	0.0	-1.90e-05
1583	1	-9.98e-04	-3.73e-03	-7.51e-03	-4.84e-04	0.0	-8.66e-05
1583	2	-1.80e-03	-1.28e-03	-8.14e-03	-2.09e-04	0.0	-4.83e-05
1583	3	-4.29e-04	-1.22e-03	-2.88e-03	-1.63e-04	0.0	-2.94e-05
1583	4	-6.66e-04	-4.99e-04	-3.07e-03	-8.18e-05	0.0	-1.81e-05
1584	1	-1.02e-03	-2.83e-03	-5.96e-03	-3.81e-04	0.0	-9.20e-05
1584	2	-1.52e-03	-8.33e-04	-5.76e-03	-1.66e-04	0.0	-3.91e-05
1584	3	-4.15e-04	-9.24e-04	-2.25e-03	-1.30e-04	0.0	-3.04e-05
1584	4	-5.62e-04	-3.31e-04	-2.19e-03	-6.57e-05	0.0	-1.47e-05
1585	1	-9.90e-04	-1.88e-03	-4.39e-03	-2.70e-04	0.0	-1.00e-04
1585	2	-9.52e-04	-4.97e-04	-3.89e-03	-1.38e-04	0.0	-2.87e-05
1585	3	-3.62e-04	-6.13e-04	-1.65e-03	-9.43e-05	0.0	-3.24e-05
1585	4	-3.51e-04	-2.03e-04	-1.50e-03	-5.50e-05	0.0	-1.11e-05
1586	1	-8.85e-04	-7.94e-04	-2.89e-03	-1.37e-04	0.0	-1.22e-04
1586	2	-3.77e-05	-2.20e-04	-2.93e-03	-1.12e-04	0.0	-4.08e-05
1586	3	-2.63e-04	-2.63e-04	-1.14e-03	-5.20e-05	0.0	-4.06e-05
1586	4	-1.18e-05	-9.27e-05	-1.15e-03	-4.45e-05	0.0	-1.64e-05
1587	1	1.87e-04	-6.07e-03	3.66e-03	-7.76e-04	0.0	1.72e-06
1587	2	-4.22e-03	8.81e-05	-0.08	-1.32e-04	0.0	2.43e-05
1587	3	-2.70e-04	-1.88e-03	-5.97e-03	-2.55e-04	0.0	1.93e-06
1587	4	-1.58e-03	-5.87e-05	-0.03	-6.40e-05	0.0	8.63e-06
1588	1	5.37e-04	-6.01e-03	3.22e-03	-7.70e-04	0.0	-1.51e-05
1588	2	-4.92e-03	-1.61e-04	-0.07	-1.68e-04	0.0	2.54e-05
1588	3	-2.20e-04	-1.88e-03	-5.64e-03	-2.56e-04	0.0	-3.09e-06
1588	4	-1.84e-03	-1.46e-04	-0.03	-7.73e-05	0.0	8.91e-06
1589	1	9.61e-04	-5.76e-03	2.25e-03	-7.42e-04	0.0	-3.52e-05
1589	2	-5.35e-03	-4.14e-04	-0.07	-2.08e-04	0.0	2.54e-05
1589	3	-1.27e-04	-1.82e-03	-5.40e-03	-2.50e-04	0.0	-9.18e-06
1589	4	-2.00e-03	-2.35e-04	-0.03	-9.19e-05	0.0	8.78e-06
1590	1	1.46e-03	-5.29e-03	6.32e-04	-6.88e-04	0.0	-5.95e-05
1590	2	-5.48e-03	-6.59e-04	-0.06	-2.50e-04	0.0	2.39e-05
1590	3	1.29e-05	-1.69e-03	-5.31e-03	-2.37e-04	0.0	-1.66e-05
1590	4	-2.04e-03	-3.19e-04	-0.02	-1.07e-04	0.0	8.14e-06
1591	1	2.05e-03	-4.54e-03	-1.75e-03	-6.01e-04	0.0	-9.00e-05
1591	2	-5.24e-03	-8.77e-04	-0.05	-2.91e-04	0.0	2.01e-05
1591	3	2.04e-04	-1.48e-03	-5.45e-03	-2.14e-04	0.0	-2.60e-05
1591	4	-1.95e-03	-3.92e-04	-0.02	-1.22e-04	0.0	6.66e-06
1592	1	2.72e-03	-3.44e-03	-5.02e-03	-4.68e-04	0.0	-1.34e-04
1592	2	-4.60e-03	-1.04e-03	-0.05	-3.27e-04	0.0	9.86e-06
1592	3	4.52e-04	-1.16e-03	-5.90e-03	-1.77e-04	0.0	-4.00e-05
1592	4	-1.72e-03	-4.41e-04	-0.02	-1.35e-04	0.0	2.60e-06
1593	1	3.47e-03	-1.81e-03	-9.31e-03	-2.61e-04	0.0	-1.97e-04
1593	2	-3.49e-03	-1.04e-03	-0.04	-3.39e-04	0.0	-2.12e-05



1593	3	7.60e-04	-6.60e-04	-6.74e-03	-1.15e-04	0.0	-6.19e-05
1593	4	-1.30e-03	-4.30e-04	-0.02	-1.39e-04	0.0	-9.77e-06
1594	1	-1.30e-03	-2.35e-04	-1.44e-03	-7.97e-05	0.0	5.23e-05
1594	2	8.31e-03	2.50e-04	-0.03	-1.94e-04	0.0	3.29e-05
1594	3	2.45e-04	-5.23e-05	-3.00e-03	-4.58e-05	0.0	1.99e-05
1594	4	3.09e-03	9.14e-05	-0.01	-7.98e-05	0.0	1.41e-05
1595	1	-1.37e-03	-7.16e-04	2.38e-04	-1.37e-04	0.0	4.53e-05
1595	2	8.01e-03	2.42e-05	-0.04	-2.03e-04	0.0	1.86e-05
1595	3	2.02e-04	-2.27e-04	-3.44e-03	-6.44e-05	0.0	1.61e-05
1595	4	2.98e-03	-7.76e-06	-0.02	-8.41e-05	0.0	8.23e-06
1596	1	-1.43e-03	-1.15e-03	2.02e-03	-1.85e-04	0.0	4.24e-05
1596	2	7.41e-03	-1.37e-04	-0.05	-2.03e-04	0.0	1.44e-05
1596	3	1.37e-04	-3.80e-04	-3.80e-03	-7.95e-05	0.0	1.47e-05
1596	4	2.76e-03	-7.93e-05	-0.02	-8.46e-05	0.0	6.44e-06
1597	1	-1.48e-03	-1.57e-03	3.91e-03	-2.32e-04	0.0	4.14e-05
1597	2	6.56e-03	-2.75e-04	-0.06	-2.02e-04	0.0	1.31e-05
1597	3	5.65e-05	-5.24e-04	-4.05e-03	-9.38e-05	0.0	1.42e-05
1597	4	2.44e-03	-1.41e-04	-0.02	-8.48e-05	0.0	5.82e-06
1598	1	-1.52e-03	-1.98e-03	5.88e-03	-2.78e-04	0.0	4.06e-05
1598	2	5.51e-03	-4.04e-04	-0.07	-2.03e-04	0.0	1.24e-05
1598	3	-3.42e-05	-6.64e-04	-4.16e-03	-1.08e-04	0.0	1.38e-05
1598	4	2.05e-03	-1.97e-04	-0.03	-8.56e-05	0.0	5.44e-06
1599	1	-1.53e-03	-2.38e-03	7.90e-03	-3.24e-04	0.0	3.94e-05
1599	2	4.30e-03	-5.25e-04	-0.08	-2.06e-04	0.0	1.19e-05
1599	3	-1.28e-04	-7.99e-04	-4.13e-03	-1.22e-04	0.0	1.33e-05
1599	4	1.60e-03	-2.50e-04	-0.03	-8.71e-05	0.0	5.11e-06
1600	1	-1.49e-03	-2.76e-03	9.94e-03	-3.69e-04	0.0	3.77e-05
1600	2	2.98e-03	-6.41e-04	-0.08	-2.11e-04	0.0	1.14e-05
1600	3	-2.19e-04	-9.28e-04	-3.96e-03	-1.36e-04	0.0	1.26e-05
1600	4	1.11e-03	-3.00e-04	-0.03	-8.93e-05	0.0	4.80e-06
1601	1	-1.41e-03	-3.13e-03	0.01	-4.12e-04	0.0	3.54e-05
1601	2	1.61e-03	-7.53e-04	-0.09	-2.18e-04	0.0	1.10e-05
1601	3	-3.00e-04	-1.05e-03	-3.66e-03	-1.50e-04	0.0	1.17e-05
1601	4	5.96e-04	-3.46e-04	-0.03	-9.21e-05	0.0	4.49e-06
1602	1	-1.28e-03	-3.47e-03	0.01	-4.52e-04	0.0	3.22e-05
1602	2	2.24e-04	-8.60e-04	-0.09	-2.26e-04	0.0	1.05e-05
1602	3	-3.64e-04	-1.16e-03	-3.24e-03	-1.63e-04	0.0	1.06e-05
1602	4	8.03e-05	-3.89e-04	-0.03	-9.55e-05	0.0	4.17e-06
1603	1	-1.06e-03	-3.77e-03	0.02	-4.89e-04	0.0	2.81e-05
1603	2	-1.13e-03	-9.61e-04	-0.09	-2.36e-04	0.0	9.86e-06
1603	3	-4.04e-04	-1.26e-03	-2.73e-03	-1.74e-04	0.0	9.20e-06
1603	4	-4.23e-04	-4.29e-04	-0.03	-9.95e-05	0.0	3.82e-06
1604	1	-7.68e-04	-4.02e-03	0.02	-5.20e-04	0.0	2.26e-05
1604	2	-2.40e-03	-1.06e-03	-0.09	-2.48e-04	0.0	9.12e-06
1604	3	-4.12e-04	-1.34e-03	-2.17e-03	-1.85e-04	0.0	7.41e-06
1604	4	-8.95e-04	-4.65e-04	-0.03	-1.04e-04	0.0	3.41e-06
1605	1	-3.75e-04	-4.22e-03	0.02	-5.45e-04	0.0	1.56e-05
1605	2	-3.54e-03	-1.14e-03	-0.08	-2.60e-04	0.0	8.16e-06
1605	3	-3.82e-04	-1.41e-03	-1.61e-03	-1.93e-04	0.0	5.14e-06
1605	4	-1.32e-03	-4.97e-04	-0.03	-1.09e-04	0.0	2.93e-06
1606	1	1.30e-04	-4.33e-03	0.02	-5.61e-04	0.0	6.63e-06
1606	2	-4.50e-03	-1.22e-03	-0.08	-2.74e-04	0.0	6.93e-06
1606	3	-3.06e-04	-1.44e-03	-1.11e-03	-1.99e-04	0.0	2.27e-06
1606	4	-1.68e-03	-5.23e-04	-0.03	-1.14e-04	0.0	2.35e-06
1607	1	7.60e-04	-4.34e-03	0.02	-5.66e-04	0.0	-4.81e-06
1607	2	-5.24e-03	-1.28e-03	-0.07	-2.90e-04	0.0	5.37e-06
1607	3	-1.75e-03	-1.45e-03	-7.28e-04	-2.02e-04	0.0	-1.35e-06
1607	4	-1.95e-04	-5.43e-04	-0.03	-1.20e-04	0.0	1.67e-06
1608	1	1.53e-03	-4.22e-03	0.02	-5.56e-04	0.0	-1.93e-05
1608	2	-5.70e-03	-1.32e-03	-0.06	-3.05e-04	0.0	3.44e-06
1608	3	1.79e-05	-1.41e-03	-5.53e-04	-2.00e-04	0.0	-5.88e-06
1608	4	-2.12e-03	-5.55e-04	-0.02	-1.26e-04	0.0	0.0
1609	1	2.46e-03	-3.94e-03	0.01	-5.26e-04	0.0	-3.77e-05
1609	2	-5.85e-03	-1.34e-03	-0.05	-3.22e-04	0.0	0.0
1609	3	2.81e-04	-1.33e-03	-6.74e-04	-1.92e-04	0.0	-1.16e-05
1609	4	-2.18e-03	-5.58e-04	-0.02	-1.32e-04	0.0	0.0
1610	1	3.55e-03	-3.44e-03	0.01	-4.72e-04	0.0	-6.22e-05
1610	2	-5.63e-03	-1.33e-03	-0.05	-3.38e-04	0.0	-3.13e-06
1610	3	6.23e-04	-1.17e-03	-1.20e-03	-1.77e-04	0.0	-1.93e-05
1610	4	-2.10e-03	-5.47e-04	-0.02	-1.38e-04	0.0	-1.78e-06
1611	1	4.84e-03	-2.65e-03	4.69e-03	-3.80e-04	0.0	-9.95e-05
1611	2	-5.00e-03	-1.25e-03	-0.04	-3.48e-04	0.0	-1.42e-05
1611	3	1.05e-03	-9.26e-04	-2.24e-03	-1.50e-04	0.0	-3.14e-05
1611	4	-1.86e-03	-5.11e-04	-0.02	-1.41e-04	0.0	-6.16e-06
1612	1	6.33e-03	-1.40e-03	-2.61e-03	-2.23e-04	0.0	-1.57e-04
1612	2	-3.89e-03	-1.00e-03	-0.03	-3.30e-04	0.0	-4.90e-05
1612	3	1.58e-03	-5.25e-04	-3.92e-03	-1.02e-04	0.0	-5.19e-05



1612	4	-1.45e-03	-4.08e-04	-0.01	-1.33e-04	0.0	-1.99e-05
1613	1	-1.60e-03	6.99e-05	-7.12e-05	-3.57e-05	0.0	4.79e-06
1613	2	8.41e-03	1.45e-04	-0.02	-1.83e-04	0.0	5.14e-05
1613	3	1.61e-04	3.22e-05	-2.12e-03	-3.06e-05	0.0	6.91e-06
1613	4	3.13e-03	5.44e-05	-8.98e-03	-7.42e-05	0.0	2.07e-05
1614	1	-1.67e-03	4.22e-05	2.03e-03	-3.42e-05	0.0	1.58e-06
1614	2	8.09e-03	-2.44e-04	-0.04	-2.10e-04	0.0	3.25e-05
1614	3	1.15e-04	-1.80e-05	-2.43e-03	-3.31e-05	0.0	4.00e-06
1614	4	3.01e-03	-1.03e-04	-0.01	-8.53e-05	0.0	1.32e-05
1615	1	-1.74e-03	3.41e-05	4.24e-03	-3.01e-05	0.0	0.0
1615	2	7.47e-03	-5.28e-04	-0.05	-2.24e-04	0.0	2.54e-05
1615	3	4.82e-05	-5.13e-05	-2.65e-03	-3.34e-05	0.0	2.81e-06
1615	4	2.78e-03	-2.18e-04	-0.02	-9.08e-05	0.0	1.03e-05
1616	1	-1.79e-03	3.73e-05	6.56e-03	-2.50e-05	0.0	0.0
1616	2	6.59e-03	-7.65e-04	-0.06	-2.34e-04	0.0	2.20e-05
1616	3	-3.42e-05	-7.63e-05	-2.75e-03	-3.30e-05	0.0	2.17e-06
1616	4	2.45e-03	-3.14e-04	-0.02	-9.51e-05	0.0	8.92e-06
1617	1	-1.82e-03	4.94e-05	8.95e-03	-1.94e-05	0.0	-1.63e-06
1617	2	5.52e-03	-9.73e-04	-0.07	-2.45e-04	0.0	1.94e-05
1617	3	-1.26e-04	-9.53e-05	-2.72e-03	-3.25e-05	0.0	1.63e-06
1617	4	2.05e-03	-3.98e-04	-0.02	-9.92e-05	0.0	7.86e-06
1618	1	-1.82e-03	6.98e-05	0.01	-1.35e-05	0.0	-2.42e-06
1618	2	4.29e-03	-1.15e-03	-0.07	-2.55e-04	0.0	1.70e-05
1618	3	-2.19e-04	-1.09e-04	-2.55e-03	-3.18e-05	0.0	1.11e-06
1618	4	1.59e-03	-4.72e-04	-0.03	-1.03e-04	0.0	6.87e-06
1619	1	-1.78e-03	9.78e-05	0.01	-7.35e-06	0.0	-3.14e-06
1619	2	2.95e-03	-1.31e-03	-0.08	-2.66e-04	0.0	1.47e-05
1619	3	-3.08e-04	-1.18e-04	-2.24e-03	-3.10e-05	0.0	0.0
1619	4	1.10e-03	-5.36e-04	-0.03	-1.08e-04	0.0	5.91e-06
1620	1	-1.69e-03	1.32e-04	0.02	-1.14e-06	0.0	-3.75e-06
1620	2	1.56e-03	-1.45e-03	-0.08	-2.76e-04	0.0	1.24e-05
1620	3	-3.86e-04	-1.21e-04	-1.80e-03	-3.02e-05	0.0	0.0
1620	4	5.77e-04	-5.90e-04	-0.03	-1.12e-04	0.0	4.96e-06
1621	1	-1.53e-03	1.72e-04	0.02	4.90e-06	0.0	-4.21e-06
1621	2	1.56e-04	-1.56e-03	-0.08	-2.86e-04	0.0	1.01e-05
1621	3	-4.45e-04	-1.21e-04	-1.26e-03	-2.94e-05	0.0	0.0
1621	4	5.46e-05	-6.34e-04	-0.03	-1.16e-04	0.0	4.01e-06
1622	1	-1.29e-03	2.16e-04	0.02	1.05e-05	0.0	-4.44e-06
1622	2	-1.21e-03	-1.65e-03	-0.08	-2.96e-04	0.0	7.80e-06
1622	3	-4.78e-04	-1.17e-04	-6.28e-04	-2.86e-05	0.0	0.0
1622	4	-4.54e-04	-6.70e-04	-0.03	-1.19e-04	0.0	3.04e-06
1623	1	-9.61e-04	2.60e-04	0.02	1.52e-05	0.0	-4.37e-06
1623	2	-2.50e-03	-1.72e-03	-0.08	-3.04e-04	0.0	5.38e-06
1623	3	-4.77e-04	-1.09e-04	3.86e-05	-2.80e-05	0.0	0.0
1623	4	-9.32e-04	-6.95e-04	-0.03	-1.23e-04	0.0	2.04e-06
1624	1	-5.21e-04	3.02e-04	0.02	1.84e-05	0.0	-3.89e-06
1624	2	-3.65e-03	-1.76e-03	-0.08	-3.13e-04	0.0	2.83e-06
1624	3	-4.34e-04	-1.00e-04	6.92e-04	-2.78e-05	0.0	0.0
1624	4	-1.36e-03	-7.10e-04	-0.03	-1.26e-04	0.0	1.00e-06
1625	1	4.46e-05	3.36e-04	0.02	1.94e-05	0.0	-2.85e-06
1625	2	-4.63e-03	-1.77e-03	-0.07	-3.21e-04	0.0	0.0
1625	3	-3.40e-04	-9.02e-05	1.27e-03	-2.82e-05	0.0	0.0
1625	4	-1.72e-03	-7.15e-04	-0.03	-1.29e-04	0.0	0.0
1626	1	7.53e-04	3.57e-04	0.02	1.72e-05	0.0	-1.10e-06
1626	2	-5.37e-03	-1.76e-03	-0.06	-3.28e-04	0.0	-2.82e-06
1626	3	-1.87e-04	-8.12e-05	1.70e-03	-2.95e-05	0.0	0.0
1626	4	-2.00e-03	-7.08e-04	-0.02	-1.32e-04	0.0	-1.28e-06
1627	1	1.62e-03	3.56e-04	0.02	1.05e-05	0.0	1.58e-06
1627	2	-5.85e-03	-1.71e-03	-0.06	-3.34e-04	0.0	-6.00e-06
1627	3	3.54e-05	-7.54e-05	1.89e-03	-3.20e-05	0.0	0.0
1627	4	-2.18e-03	-6.88e-04	-0.02	-1.34e-04	0.0	-2.54e-06
1628	1	2.68e-03	3.23e-04	0.02	-2.16e-06	0.0	5.41e-06
1628	2	-6.00e-03	-1.63e-03	-0.05	-3.40e-04	0.0	-9.65e-06
1628	3	3.36e-04	-7.53e-05	1.74e-03	-3.62e-05	0.0	0.0
1628	4	-2.24e-03	-6.55e-04	-0.02	-1.36e-04	0.0	-3.98e-06
1629	1	3.94e-03	2.48e-04	0.02	-2.24e-05	0.0	1.04e-05
1629	2	-5.79e-03	-1.51e-03	-0.04	-3.44e-04	0.0	-1.50e-05
1629	3	7.25e-04	-8.37e-05	1.14e-03	-4.25e-05	0.0	1.44e-06
1629	4	-2.16e-03	-6.03e-04	-0.02	-1.38e-04	0.0	-6.07e-06
1630	1	5.42e-03	1.22e-04	9.53e-03	-5.06e-05	0.0	1.49e-05
1630	2	-5.16e-03	-1.30e-03	-0.03	-3.40e-04	0.0	-2.84e-05
1630	3	1.21e-03	-9.96e-05	-4.78e-05	-5.03e-05	0.0	1.52e-06
1630	4	-1.92e-03	-5.21e-04	-0.01	-1.36e-04	0.0	-1.13e-05
1631	1	7.16e-03	-3.51e-05	1.40e-03	-8.14e-05	0.0	1.08e-05
1631	2	-4.07e-03	-8.92e-04	-0.03	-3.03e-04	0.0	-6.79e-05
1631	3	1.81e-03	-1.05e-04	-1.96e-03	-5.58e-05	0.0	-3.46e-06
1631	4	-1.52e-03	-3.59e-04	-9.84e-03	-1.22e-04	0.0	-2.68e-05



1632	1	-1.18e-03	3.16e-04	1.89e-04	2.32e-06	0.0	-3.49e-05
1632	2	8.34e-03	-2.43e-05	-0.02	-1.70e-04	0.0	7.36e-05
1632	3	2.81e-04	9.26e-05	-1.61e-03	-1.72e-05	0.0	-3.30e-06
1632	4	3.10e-03	-8.18e-06	-7.35e-03	-6.82e-05	0.0	2.89e-05
1633	1	-1.23e-03	6.67e-04	1.75e-03	5.24e-05	0.0	-3.47e-05
1633	2	8.02e-03	-6.13e-04	-0.03	-2.23e-04	0.0	5.01e-05
1633	3	2.40e-04	1.41e-04	-2.05e-03	-7.13e-06	0.0	-5.54e-06
1633	4	2.98e-03	-2.38e-04	-0.01	-8.86e-05	0.0	1.96e-05
1634	1	-1.28e-03	1.01e-03	3.40e-03	9.99e-05	0.0	-3.45e-05
1634	2	7.39e-03	-1.05e-03	-0.04	-2.56e-04	0.0	3.96e-05
1634	3	1.76e-04	2.01e-04	-2.40e-03	4.01e-06	0.0	-6.51e-06
1634	4	2.74e-03	-4.11e-04	-0.02	-1.01e-04	0.0	1.55e-05
1635	1	-1.33e-03	1.36e-03	5.14e-03	1.47e-04	0.0	-3.51e-05
1635	2	6.51e-03	-1.42e-03	-0.05	-2.83e-04	0.0	3.37e-05
1635	3	9.52e-05	2.69e-04	-2.65e-03	1.56e-05	0.0	-7.23e-06
1635	4	2.42e-03	-5.54e-04	-0.02	-1.12e-04	0.0	1.31e-05
1636	1	-1.36e-03	1.71e-03	6.96e-03	1.94e-04	0.0	-3.55e-05
1636	2	5.43e-03	-1.73e-03	-0.06	-3.07e-04	0.0	2.86e-05
1636	3	4.37e-06	3.45e-04	-2.76e-03	2.75e-05	0.0	-7.84e-06
1636	4	2.02e-03	-6.75e-04	-0.02	-1.21e-04	0.0	1.12e-05
1637	1	-1.37e-03	2.07e-03	8.81e-03	2.41e-04	0.0	-3.56e-05
1637	2	4.20e-03	-1.99e-03	-0.07	-3.29e-04	0.0	2.37e-05
1637	3	-9.06e-05	4.26e-04	-2.74e-03	3.96e-05	0.0	-8.31e-06
1637	4	1.56e-03	-7.78e-04	-0.03	-1.29e-04	0.0	9.27e-06
1638	1	-1.34e-03	2.42e-03	0.01	2.87e-04	0.0	-3.50e-05
1638	2	2.87e-03	-2.21e-03	-0.07	-3.47e-04	0.0	1.89e-05
1638	3	-1.83e-04	5.10e-04	-2.57e-03	5.16e-05	0.0	-8.59e-06
1638	4	1.06e-03	-8.61e-04	-0.03	-1.36e-04	0.0	7.38e-06
1639	1	-1.27e-03	2.76e-03	0.01	3.31e-04	0.0	-3.37e-05
1639	2	1.48e-03	-2.37e-03	-0.08	-3.62e-04	0.0	1.41e-05
1639	3	-2.68e-04	5.97e-04	-2.28e-03	6.33e-05	0.0	-8.65e-06
1639	4	5.47e-04	-9.25e-04	-0.03	-1.42e-04	0.0	5.52e-06
1640	1	-1.15e-03	3.09e-03	0.01	3.72e-04	0.0	-3.14e-05
1640	2	7.92e-05	-2.49e-03	-0.08	-3.74e-04	0.0	9.40e-06
1640	3	-3.38e-04	6.82e-04	-1.87e-03	7.44e-05	0.0	-8.40e-06
1640	4	2.58e-05	-9.71e-04	-0.03	-1.47e-04	0.0	3.68e-06
1641	1	-9.64e-04	3.39e-03	0.02	4.09e-04	0.0	-2.79e-05
1641	2	-1.28e-03	-2.56e-03	-0.08	-3.82e-04	0.0	4.73e-06
1641	3	-3.86e-04	7.63e-04	-1.38e-03	8.45e-05	0.0	-7.79e-06
1641	4	-4.81e-04	-9.99e-04	-0.03	-1.50e-04	0.0	1.86e-06
1642	1	-7.09e-04	3.64e-03	0.02	4.39e-04	0.0	-2.28e-05
1642	2	-2.56e-03	-2.58e-03	-0.07	-3.86e-04	0.0	0.0
1642	3	-4.07e-04	8.36e-04	-8.25e-04	9.30e-05	0.0	-6.73e-06
1642	4	-9.56e-04	-1.01e-03	-0.03	-1.51e-04	0.0	0.0
1643	1	-3.74e-04	3.84e-03	0.02	4.61e-04	0.0	-1.59e-05
1643	2	-3.71e-03	-2.56e-03	-0.07	-3.87e-04	0.0	-4.50e-06
1643	3	-3.94e-04	8.96e-04	-2.59e-04	9.93e-05	0.0	-5.10e-06
1643	4	-1.38e-03	-1.00e-03	-0.03	-1.52e-04	0.0	-1.73e-06
1644	1	5.07e-05	3.95e-03	0.02	4.71e-04	0.0	-6.64e-06
1644	2	-4.67e-03	-2.49e-03	-0.06	-3.86e-04	0.0	-9.09e-06
1644	3	-3.41e-04	9.36e-04	2.69e-04	1.02e-04	0.0	-2.78e-06
1644	4	-1.74e-03	-9.74e-04	-0.02	-1.51e-04	0.0	-3.51e-06
1645	1	5.75e-04	3.96e-03	0.02	4.66e-04	0.0	5.45e-06
1645	2	-5.41e-03	-2.38e-03	-0.06	-3.81e-04	0.0	-1.37e-05
1645	3	-2.41e-04	9.49e-04	7.01e-04	1.01e-04	0.0	0.0
1645	4	-2.01e-03	-9.30e-04	-0.02	-1.50e-04	0.0	-5.28e-06
1646	1	1.21e-03	3.83e-03	0.02	4.43e-04	0.0	2.10e-05
1646	2	-5.87e-03	-2.22e-03	-0.05	-3.73e-04	0.0	-1.83e-05
1646	3	-8.88e-05	9.25e-04	9.66e-04	9.49e-05	0.0	4.59e-06
1646	4	-2.19e-03	-8.67e-04	-0.02	-1.47e-04	0.0	-7.06e-06
1647	1	1.96e-03	3.53e-03	0.01	3.95e-04	0.0	4.10e-05
1647	2	-6.02e-03	-2.01e-03	-0.04	-3.63e-04	0.0	-2.31e-05
1647	3	1.23e-04	8.54e-04	9.90e-04	8.15e-05	0.0	1.01e-05
1647	4	-2.24e-03	-7.86e-04	-0.02	-1.43e-04	0.0	-8.92e-06
1648	1	2.83e-03	3.00e-03	0.01	3.16e-04	0.0	6.67e-05
1648	2	-5.79e-03	-1.74e-03	-0.03	-3.50e-04	0.0	-2.94e-05
1648	3	3.99e-04	7.21e-04	6.85e-04	5.92e-05	0.0	1.71e-05
1648	4	-2.16e-03	-6.84e-04	-0.01	-1.38e-04	0.0	-1.14e-05
1649	1	3.84e-03	2.17e-03	7.19e-03	1.97e-04	0.0	1.00e-04
1649	2	-5.15e-03	-1.39e-03	-0.02	-3.27e-04	0.0	-4.45e-05
1649	3	7.47e-04	5.09e-04	-4.24e-05	2.60e-05	0.0	2.57e-05
1649	4	-1.92e-03	-5.46e-04	-9.55e-03	-1.29e-04	0.0	-1.72e-05
1650	1	4.99e-03	9.73e-04	1.30e-03	2.86e-05	0.0	1.33e-04
1650	2	-4.04e-03	-8.01e-04	-0.02	-2.68e-04	0.0	-8.75e-05
1650	3	1.17e-03	2.07e-04	-1.29e-03	-1.86e-05	0.0	3.14e-05
1650	4	-1.50e-03	-3.19e-04	-7.12e-03	-1.07e-04	0.0	-3.40e-05
1651	1	-3.90e-04	3.26e-04	-1.95e-04	1.38e-05	0.0	-3.98e-05



1651	2	7.76e-03	-5.00e-04	-0.01	-1.82e-04	0.0	1.32e-04
1651	3	4.69e-04	5.86e-05	-1.31e-03	-1.34e-05	0.0	0.0
1651	4	2.88e-03	-1.86e-04	-5.68e-03	-7.15e-05	0.0	5.06e-05
1652	1	-4.24e-04	7.23e-04	3.51e-04	6.88e-05	0.0	-3.89e-05
1652	2	7.46e-03	-1.63e-03	-0.03	-3.07e-04	0.0	9.89e-05
1652	3	4.34e-04	8.06e-05	-1.96e-03	-7.41e-06	0.0	-3.21e-06
1652	4	2.77e-03	-6.16e-04	-9.68e-03	-1.19e-04	0.0	3.76e-05
1653	1	-4.69e-04	1.11e-03	9.67e-04	1.20e-04	0.0	-3.82e-05
1653	2	6.87e-03	-2.51e-03	-0.04	-4.00e-04	0.0	8.08e-05
1653	3	3.76e-04	1.20e-04	-2.54e-03	0.0	0.0	-4.59e-06
1653	4	2.55e-03	-9.53e-04	-0.01	-1.54e-04	0.0	3.07e-05
1654	1	-5.16e-04	1.49e-03	1.66e-03	1.70e-04	0.0	-3.82e-05
1654	2	6.04e-03	-3.26e-03	-0.04	-4.77e-04	0.0	6.88e-05
1654	3	2.99e-04	1.71e-04	-3.01e-03	9.14e-06	0.0	-5.62e-06
1654	4	2.24e-03	-1.24e-03	-0.02	-1.83e-04	0.0	2.61e-05
1655	1	-5.59e-04	1.87e-03	2.42e-03	2.20e-04	0.0	-3.80e-05
1655	2	5.03e-03	-3.89e-03	-0.05	-5.44e-04	0.0	5.74e-05
1655	3	2.10e-04	2.31e-04	-3.37e-03	1.86e-05	0.0	-6.50e-06
1655	4	1.87e-03	-1.48e-03	-0.02	-2.08e-04	0.0	2.18e-05
1656	1	-5.91e-04	2.24e-03	3.25e-03	2.69e-04	0.0	-3.71e-05
1656	2	3.88e-03	-4.41e-03	-0.06	-5.99e-04	0.0	4.54e-05
1656	3	1.13e-04	3.00e-04	-3.59e-03	2.85e-05	0.0	-7.23e-06
1656	4	1.44e-03	-1.67e-03	-0.02	-2.29e-04	0.0	1.72e-05
1657	1	-6.07e-04	2.61e-03	4.10e-03	3.15e-04	0.0	-3.55e-05
1657	2	2.62e-03	-4.80e-03	-0.06	-6.42e-04	0.0	3.28e-05
1657	3	1.45e-05	3.75e-04	-3.68e-03	3.89e-05	0.0	-7.77e-06
1657	4	9.72e-04	-1.82e-03	-0.02	-2.45e-04	0.0	1.25e-05
1658	1	-5.99e-04	2.95e-03	4.97e-03	3.58e-04	0.0	-3.29e-05
1658	2	1.32e-03	-5.06e-03	-0.07	-6.70e-04	0.0	1.98e-05
1658	3	-8.14e-05	4.55e-04	-3.63e-03	4.94e-05	0.0	-8.05e-06
1658	4	4.87e-04	-1.92e-03	-0.02	-2.55e-04	0.0	7.56e-06
1659	1	-5.63e-04	3.26e-03	5.80e-03	3.97e-04	0.0	-2.91e-05
1659	2	6.91e-06	-5.20e-03	-0.07	-6.85e-04	0.0	6.76e-06
1659	3	-1.70e-04	5.35e-04	-3.46e-03	5.96e-05	0.0	-7.98e-06
1659	4	0.0	-1.97e-03	-0.03	-2.61e-04	0.0	2.63e-06
1660	1	-4.94e-04	3.53e-03	6.55e-03	4.29e-04	0.0	-2.40e-05
1660	2	-1.27e-03	-5.20e-03	-0.07	-6.85e-04	0.0	-5.96e-06
1660	3	-2.45e-04	6.13e-04	-3.18e-03	6.90e-05	0.0	-7.49e-06
1660	4	-4.75e-04	-1.97e-03	-0.02	-2.61e-04	0.0	-2.16e-06
1661	1	-3.87e-04	3.73e-03	7.18e-03	4.53e-04	0.0	-1.73e-05
1661	2	-2.47e-03	-5.08e-03	-0.06	-6.72e-04	0.0	-1.79e-05
1661	3	-3.03e-04	6.83e-04	-2.81e-03	7.71e-05	0.0	-6.48e-06
1661	4	-9.19e-04	-1.93e-03	-0.02	-2.56e-04	0.0	-6.67e-06
1662	1	-2.39e-04	3.86e-03	7.61e-03	4.67e-04	0.0	-8.87e-06
1662	2	-3.54e-03	-4.84e-03	-0.06	-6.47e-04	0.0	-2.88e-05
1662	3	-3.40e-04	7.40e-04	-2.38e-03	8.31e-05	0.0	-4.87e-06
1662	4	-1.32e-03	-1.84e-03	-0.02	-2.47e-04	0.0	-1.08e-05
1663	1	-4.65e-05	3.90e-03	7.80e-03	4.68e-04	0.0	1.47e-06
1663	2	-4.43e-03	-4.51e-03	-0.05	-6.11e-04	0.0	-3.83e-05
1663	3	-3.50e-04	7.78e-04	-1.92e-03	8.61e-05	0.0	-2.57e-06
1663	4	-1.65e-03	-1.71e-03	-0.02	-2.34e-04	0.0	-1.44e-05
1664	1	1.93e-04	3.83e-03	7.67e-03	4.53e-04	0.0	1.39e-05
1664	2	-5.12e-03	-4.08e-03	-0.05	-5.67e-04	0.0	-4.61e-05
1664	3	-3.31e-04	7.89e-04	-1.47e-03	8.52e-05	0.0	0.0
1664	4	-1.90e-03	-1.56e-03	-0.02	-2.17e-04	0.0	-1.73e-05
1665	1	4.81e-04	3.62e-03	7.16e-03	4.21e-04	0.0	2.86e-05
1665	2	-5.54e-03	-3.59e-03	-0.04	-5.16e-04	0.0	-5.23e-05
1665	3	-2.77e-04	7.66e-04	-1.07e-03	7.94e-05	0.0	4.29e-06
1665	4	-2.06e-03	-1.37e-03	-0.02	-1.98e-04	0.0	-1.97e-05
1666	1	8.19e-04	3.25e-03	6.19e-03	3.66e-04	0.0	4.58e-05
1666	2	-5.65e-03	-3.04e-03	-0.03	-4.62e-04	0.0	-5.73e-05
1666	3	-1.85e-04	7.02e-04	-7.84e-04	6.74e-05	0.0	8.95e-06
1666	4	-2.10e-03	-1.16e-03	-0.01	-1.78e-04	0.0	-2.16e-05
1667	1	1.21e-03	2.70e-03	4.70e-03	2.86e-04	0.0	6.61e-05
1667	2	-5.40e-03	-2.43e-03	-0.03	-4.05e-04	0.0	-6.28e-05
1667	3	-5.15e-05	5.87e-04	-6.53e-04	4.82e-05	0.0	1.44e-05
1667	4	-2.01e-03	-9.34e-04	-9.50e-03	-1.57e-04	0.0	-2.37e-05
1668	1	1.64e-03	1.92e-03	2.62e-03	1.76e-04	0.0	9.04e-05
1668	2	-4.76e-03	-1.75e-03	-0.02	-3.39e-04	0.0	-7.67e-05
1668	3	1.27e-04	4.14e-04	-7.38e-04	2.09e-05	0.0	2.04e-05
1668	4	-1.77e-03	-6.74e-04	-6.86e-03	-1.32e-04	0.0	-2.92e-05
1669	1	2.13e-03	8.79e-04	-1.12e-04	3.12e-05	0.0	1.10e-04
1669	2	-3.66e-03	-8.44e-04	-0.01	-2.37e-04	0.0	-1.19e-04
1669	3	3.54e-04	1.82e-04	-1.10e-03	-1.36e-05	0.0	2.24e-05
1669	4	-1.36e-03	-3.29e-04	-4.64e-03	-9.30e-05	0.0	-4.54e-05
1670	1	1.44e-04	1.03e-04	-4.54e-04	0.0	0.0	-1.02e-05
1670	2	5.77e-03	-1.45e-03	-9.61e-03	-2.36e-04	0.0	2.52e-04



1670	3	4.74e-04	-8.21e-05	-9.04e-04	-2.05e-05	0.0	1.72e-05
1670	4	2.14e-03	-5.43e-04	-3.62e-03	-9.01e-05	0.0	9.49e-05
1671	1	1.20e-04	2.19e-04	-6.07e-04	1.60e-05	0.0	-1.21e-05
1671	2	5.53e-03	-3.70e-03	-0.02	-5.16e-04	0.0	2.04e-04
1671	3	4.49e-04	-2.25e-04	-1.53e-03	-3.73e-05	0.0	1.24e-05
1671	4	2.05e-03	-1.39e-03	-6.50e-03	-1.95e-04	0.0	7.64e-05
1672	1	8.05e-05	3.43e-04	-7.06e-04	3.34e-05	0.0	-1.29e-05
1672	2	5.07e-03	-5.58e-03	-0.02	-7.40e-04	0.0	1.75e-04
1672	3	4.02e-04	-3.35e-04	-2.10e-03	-4.94e-05	0.0	9.73e-06
1672	4	1.88e-03	-2.09e-03	-9.19e-03	-2.79e-04	0.0	6.55e-05
1673	1	3.18e-05	4.76e-04	-7.37e-04	5.14e-05	0.0	-1.38e-05
1673	2	4.44e-03	-7.21e-03	-0.03	-9.34e-04	0.0	1.52e-04
1673	3	3.40e-04	-4.21e-04	-2.60e-03	-5.89e-05	0.0	7.60e-06
1673	4	1.65e-03	-2.70e-03	-0.01	-3.51e-04	0.0	5.68e-05
1674	1	-2.06e-05	6.19e-04	-6.98e-04	7.02e-05	0.0	-1.48e-05
1674	2	3.68e-03	-8.61e-03	-0.04	-1.10e-03	0.0	1.27e-04
1674	3	2.67e-04	-4.86e-04	-2.99e-03	-6.59e-05	0.0	5.33e-06
1674	4	1.36e-03	-3.22e-03	-0.01	-4.13e-04	0.0	4.73e-05
1675	1	-7.24e-05	7.70e-04	-5.91e-04	8.98e-05	0.0	-1.55e-05
1675	2	2.82e-03	-9.74e-03	-0.04	-1.24e-03	0.0	9.81e-05
1675	3	1.87e-04	-5.28e-04	-3.29e-03	-7.03e-05	0.0	2.91e-06
1675	4	1.04e-03	-3.64e-03	-0.02	-4.63e-04	0.0	3.66e-05
1676	1	-1.20e-04	9.26e-04	-4.22e-04	1.10e-04	0.0	-1.58e-05
1676	2	1.89e-03	-0.01	-0.04	-1.34e-03	0.0	6.71e-05
1676	3	1.04e-04	-5.44e-04	-3.48e-03	-7.19e-05	0.0	0.0
1676	4	7.01e-04	-3.95e-03	-0.02	-5.00e-04	0.0	2.50e-05
1677	1	-1.60e-04	1.08e-03	-2.04e-04	1.29e-04	0.0	-1.54e-05
1677	2	9.36e-04	-0.01	-0.05	-1.40e-03	0.0	3.47e-05
1677	3	2.04e-05	-5.37e-04	-3.55e-03	-7.08e-05	0.0	-1.91e-06
1677	4	3.45e-04	-4.14e-03	-0.02	-5.23e-04	0.0	1.30e-05
1678	1	-1.91e-04	1.23e-03	4.86e-05	1.47e-04	0.0	-1.44e-05
1678	2	-2.55e-05	-0.01	-0.05	-1.42e-03	0.0	2.27e-06
1678	3	-6.06e-05	-5.07e-04	-3.53e-03	-6.71e-05	0.0	-4.05e-06
1678	4	-1.17e-05	-4.21e-03	-0.02	-5.31e-04	0.0	0.0
1679	1	-2.09e-04	1.37e-03	3.18e-04	1.63e-04	0.0	-1.25e-05
1679	2	-9.60e-04	-0.01	-0.05	-1.40e-03	0.0	-2.93e-05
1679	3	-1.36e-04	-4.57e-04	-3.40e-03	-6.11e-05	0.0	-5.87e-06
1679	4	-3.58e-04	-4.16e-03	-0.02	-5.25e-04	0.0	-1.09e-05
1680	1	-2.14e-04	1.48e-03	5.82e-04	1.76e-04	0.0	-9.61e-06
1680	2	-1.84e-03	-0.01	-0.04	-1.35e-03	0.0	-5.89e-05
1680	3	-2.03e-04	-3.91e-04	-3.18e-03	-5.34e-05	0.0	-7.26e-06
1680	4	-6.84e-04	-3.99e-03	-0.02	-5.05e-04	0.0	-2.19e-05
1681	1	-2.03e-04	1.56e-03	8.20e-04	1.84e-04	0.0	-5.75e-06
1681	2	-2.63e-03	-9.96e-03	-0.04	-1.26e-03	0.0	-8.54e-05
1681	3	-2.59e-04	-3.14e-04	-2.89e-03	-4.45e-05	0.0	-8.13e-06
1681	4	-9.77e-04	-3.73e-03	-0.02	-4.73e-04	0.0	-3.17e-05
1682	1	-1.75e-04	1.59e-03	1.01e-03	1.85e-04	0.0	0.0
1682	2	-3.30e-03	-8.99e-03	-0.04	-1.15e-03	0.0	-1.08e-04
1682	3	-3.01e-04	-2.31e-04	-2.54e-03	-3.53e-05	0.0	-8.37e-06
1682	4	-1.22e-03	-3.36e-03	-0.01	-4.30e-04	0.0	-4.01e-05
1683	1	-1.29e-04	1.57e-03	1.12e-03	1.80e-04	0.0	5.14e-06
1683	2	-3.81e-03	-7.82e-03	-0.03	-1.01e-03	0.0	-1.25e-04
1683	3	-3.25e-04	-1.49e-04	-2.15e-03	-2.65e-05	0.0	-7.91e-06
1683	4	-1.42e-03	-2.93e-03	-0.01	-3.78e-04	0.0	-4.65e-05
1684	1	-6.09e-05	1.48e-03	1.12e-03	1.65e-04	0.0	1.22e-05
1684	2	-4.13e-03	-6.51e-03	-0.03	-8.50e-04	0.0	-1.36e-04
1684	3	-3.29e-04	-7.46e-05	-1.75e-03	-1.92e-05	0.0	-6.67e-06
1684	4	-1.54e-03	-2.44e-03	-0.01	-3.20e-04	0.0	-5.05e-05
1685	1	3.03e-05	1.33e-03	9.88e-04	1.40e-04	0.0	2.03e-05
1685	2	-4.22e-03	-5.13e-03	-0.02	-6.87e-04	0.0	-1.39e-04
1685	3	-3.08e-04	-1.67e-05	-1.37e-03	-1.44e-05	0.0	-4.59e-06
1685	4	-1.57e-03	-1.93e-03	-8.05e-03	-2.60e-04	0.0	-5.19e-05
1686	1	1.48e-04	1.08e-03	6.93e-04	1.04e-04	0.0	2.92e-05
1686	2	-4.04e-03	-3.74e-03	-0.02	-5.28e-04	0.0	-1.36e-04
1686	3	-2.60e-04	1.70e-05	-1.04e-03	-1.31e-05	0.0	-1.77e-06
1686	4	-1.50e-03	-1.41e-03	-5.96e-03	-2.00e-04	0.0	-5.06e-05
1687	1	2.95e-04	7.48e-04	2.05e-04	5.49e-05	0.0	3.76e-05
1687	2	-3.53e-03	-2.41e-03	-0.01	-3.74e-04	0.0	-1.33e-04
1687	3	-1.78e-04	2.19e-05	-7.99e-04	-1.58e-05	0.0	0.0
1687	4	-1.31e-03	-9.13e-04	-4.03e-03	-1.43e-04	0.0	-4.99e-05
1688	1	4.77e-04	3.43e-04	-5.06e-04	-1.34e-06	0.0	3.54e-05
1688	2	-2.64e-03	-1.03e-03	-6.33e-03	-2.06e-04	0.0	-1.56e-04
1688	3	-5.77e-05	1.33e-05	-6.85e-04	-1.89e-05	0.0	-2.50e-06
1688	4	-9.81e-04	-3.93e-04	-2.41e-03	-7.95e-05	0.0	-5.93e-05
1689	1	-1.30e-04	2.12e-04	-3.13e-04	-2.17e-05	-1.80e-05	0.0
1689	2	1.13e-05	4.35e-04	-3.35e-03	-2.56e-04	2.64e-04	0.0
1689	3	-3.98e-05	1.04e-04	-3.61e-04	-2.82e-05	1.39e-05	0.0



1689	4	2.22e-06	1.70e-04	-1.26e-03	-9.75e-05	9.76e-05	0.0
1690	1	0.0	0.0	0.0	-2.63e-05	0.0	0.0
1690	2	0.0	0.0	0.0	-2.82e-04	3.16e-06	0.0
1690	3	0.0	0.0	0.0	-2.99e-05	0.0	0.0
1690	4	0.0	0.0	0.0	-1.06e-04	1.16e-06	0.0
1691	1	-1.28e-04	1.63e-04	-1.66e-04	4.92e-06	-1.21e-05	0.0
1691	2	2.51e-05	3.21e-04	-6.13e-03	-4.32e-04	2.97e-04	0.0
1691	3	-3.87e-05	7.91e-05	-5.21e-04	-3.34e-05	1.82e-05	0.0
1691	4	6.80e-06	1.26e-04	-2.29e-03	-1.63e-04	1.10e-04	0.0
1692	1	0.0	0.0	0.0	-2.19e-05	0.0	0.0
1692	2	0.0	0.0	0.0	-5.41e-04	3.47e-06	0.0
1692	3	0.0	0.0	0.0	-4.74e-05	0.0	0.0
1692	4	0.0	0.0	0.0	-2.01e-04	1.28e-06	0.0
1693	1	-1.16e-04	1.30e-04	-7.43e-05	2.22e-05	-6.30e-06	0.0
1693	2	4.59e-05	2.45e-04	-9.16e-03	-6.54e-04	3.17e-04	0.0
1693	3	-3.35e-05	6.26e-05	-7.17e-04	-4.47e-05	2.15e-05	0.0
1693	4	1.44e-05	9.68e-05	-3.41e-03	-2.45e-04	1.17e-04	0.0
1694	1	0.0	0.0	0.0	-1.93e-05	0.0	0.0
1694	2	0.0	0.0	0.0	-8.08e-04	3.67e-06	0.0
1694	3	0.0	0.0	0.0	-6.63e-05	0.0	0.0
1694	4	0.0	0.0	0.0	-3.00e-04	1.36e-06	0.0
1695	1	-9.89e-05	1.05e-04	-4.23e-05	3.15e-05	0.0	0.0
1695	2	6.14e-05	1.90e-04	-0.01	-8.96e-04	3.23e-04	0.0
1695	3	-2.73e-05	5.03e-05	-9.42e-04	-6.00e-05	2.38e-05	0.0
1695	4	2.02e-05	7.55e-05	-4.58e-03	-3.35e-04	1.20e-04	0.0
1696	1	0.0	0.0	0.0	-2.00e-05	0.0	0.0
1696	2	0.0	0.0	0.0	-1.08e-03	3.75e-06	0.0
1696	3	0.0	0.0	0.0	-8.66e-05	0.0	0.0
1696	4	0.0	0.0	0.0	-4.01e-04	1.39e-06	0.0
1697	1	-8.07e-05	8.50e-05	-6.57e-05	3.45e-05	4.81e-06	0.0
1697	2	6.89e-05	1.48e-04	-0.02	-1.14e-03	3.13e-04	0.0
1697	3	-2.12e-05	4.07e-05	-1.18e-03	-7.72e-05	2.46e-05	0.0
1697	4	2.31e-05	5.92e-05	-5.75e-03	-4.25e-04	1.16e-04	0.0
1698	1	0.0	0.0	0.0	-2.44e-05	0.0	0.0
1698	2	0.0	0.0	0.0	-1.35e-03	3.64e-06	0.0
1698	3	0.0	0.0	0.0	-1.08e-04	0.0	0.0
1698	4	0.0	0.0	0.0	-5.01e-04	1.35e-06	0.0
1699	1	-6.29e-05	6.90e-05	-1.34e-04	3.25e-05	8.71e-06	0.0
1699	2	6.84e-05	1.15e-04	-0.02	-1.37e-03	2.87e-04	0.0
1699	3	-1.57e-05	3.30e-05	-1.42e-03	-9.49e-05	2.39e-05	0.0
1699	4	2.32e-05	4.65e-05	-6.85e-03	-5.11e-04	1.06e-04	0.0
1700	1	0.0	0.0	0.0	-3.19e-05	0.0	0.0
1700	2	0.0	0.0	0.0	-1.61e-03	3.34e-06	0.0
1700	3	0.0	0.0	0.0	-1.29e-04	0.0	0.0
1700	4	0.0	0.0	0.0	-5.95e-04	1.24e-06	0.0
1701	1	-4.61e-05	5.62e-05	-2.34e-04	2.68e-05	1.13e-05	0.0
1701	2	6.09e-05	8.95e-05	-0.02	-1.58e-03	2.47e-04	0.0
1701	3	-1.11e-05	2.70e-05	-1.65e-03	-1.12e-04	2.17e-05	0.0
1701	4	2.06e-05	3.69e-05	-7.83e-03	-5.87e-04	9.15e-05	0.0
1702	1	0.0	0.0	0.0	-4.14e-05	0.0	0.0
1702	2	0.0	0.0	0.0	-1.83e-03	2.88e-06	0.0
1702	3	0.0	0.0	0.0	-1.49e-04	0.0	0.0
1702	4	0.0	0.0	0.0	-6.79e-04	1.07e-06	0.0
1703	1	-3.10e-05	4.61e-05	-3.53e-04	1.83e-05	1.27e-05	0.0
1703	2	4.74e-05	7.09e-05	-0.02	-1.75e-03	1.96e-04	0.0
1703	3	-7.33e-06	2.25e-05	-1.85e-03	-1.27e-04	1.84e-05	0.0
1703	4	1.59e-05	2.98e-05	-8.64e-03	-6.50e-04	7.28e-05	0.0
1704	1	0.0	0.0	0.0	-5.20e-05	0.0	0.0
1704	2	0.0	0.0	0.0	-2.02e-03	2.29e-06	0.0
1704	3	0.0	0.0	0.0	-1.66e-04	0.0	0.0
1704	4	0.0	0.0	0.0	-7.48e-04	0.0	0.0
1705	1	-1.78e-05	3.84e-05	-4.81e-04	8.19e-06	1.30e-05	0.0
1705	2	2.93e-05	5.83e-05	-0.02	-1.88e-03	1.37e-04	0.0
1705	3	-4.47e-06	1.91e-05	-2.01e-03	-1.40e-04	1.41e-05	0.0
1705	4	9.49e-06	2.50e-05	-9.25e-03	-6.98e-04	5.08e-05	0.0
1706	1	0.0	0.0	0.0	-6.29e-05	0.0	0.0
1706	2	0.0	0.0	0.0	-2.16e-03	1.60e-06	0.0
1706	3	0.0	0.0	0.0	-1.79e-04	0.0	0.0
1706	4	0.0	0.0	0.0	-8.01e-04	0.0	0.0
1707	1	-6.64e-06	3.27e-05	-6.06e-04	-2.59e-06	1.22e-05	0.0
1707	2	7.61e-06	5.13e-05	-0.03	-1.96e-03	7.14e-05	0.0
1707	3	-2.45e-06	1.69e-05	-2.12e-03	-1.49e-04	8.97e-06	0.0
1707	4	1.77e-06	2.24e-05	-9.63e-03	-7.27e-04	2.65e-05	0.0
1708	1	0.0	0.0	0.0	-7.30e-05	0.0	0.0
1708	2	0.0	0.0	0.0	-2.25e-03	0.0	0.0
1708	3	0.0	0.0	0.0	-1.89e-04	0.0	0.0
1708	4	0.0	0.0	0.0	-8.33e-04	0.0	0.0



1709	1	2.53e-06	2.89e-05	-7.18e-04	-1.31e-05	1.05e-05	0.0
1709	2	-1.65e-05	4.96e-05	-0.03	-1.98e-03	1.76e-06	0.0
1709	3	-1.22e-06	1.57e-05	-2.18e-03	-1.54e-04	3.28e-06	0.0
1709	4	-6.84e-06	2.18e-05	-9.77e-03	-7.38e-04	0.0	0.0
1710	1	0.0	0.0	0.0	-8.17e-05	0.0	0.0
1710	2	0.0	0.0	0.0	-2.28e-03	0.0	0.0
1710	3	0.0	0.0	0.0	-1.94e-04	0.0	0.0
1710	4	0.0	0.0	0.0	-8.45e-04	0.0	0.0
1711	1	9.72e-06	2.67e-05	-8.09e-04	-2.27e-05	7.86e-06	0.0
1711	2	-4.18e-05	5.33e-05	-0.03	-1.96e-03	-6.99e-05	0.0
1711	3	0.0	1.55e-05	-2.19e-03	-1.55e-04	-2.81e-06	0.0
1711	4	-1.60e-05	2.34e-05	-9.65e-03	-7.28e-04	-2.59e-05	0.0
1712	1	0.0	0.0	0.0	-8.83e-05	0.0	0.0
1712	2	0.0	0.0	0.0	-2.25e-03	0.0	0.0
1712	3	0.0	0.0	0.0	-1.94e-04	0.0	0.0
1712	4	0.0	0.0	0.0	-8.35e-04	0.0	0.0
1713	1	1.50e-05	2.61e-05	-8.70e-04	-3.04e-05	4.55e-06	0.0
1713	2	-6.75e-05	6.26e-05	-0.02	-1.87e-03	-1.42e-04	0.0
1713	3	0.0	1.63e-05	-2.13e-03	-1.51e-04	-9.13e-06	0.0
1713	4	-2.52e-05	2.71e-05	-9.26e-03	-6.98e-04	-5.24e-05	0.0
1714	1	0.0	0.0	0.0	-9.21e-05	0.0	0.0
1714	2	0.0	0.0	0.0	-2.16e-03	-1.66e-06	0.0
1714	3	0.0	0.0	0.0	-1.88e-04	0.0	0.0
1714	4	0.0	0.0	0.0	-8.02e-04	0.0	0.0
1715	1	1.86e-05	2.68e-05	-8.96e-04	-3.58e-05	0.0	0.0
1715	2	-9.25e-05	7.79e-05	-0.02	-1.74e-03	-2.11e-04	0.0
1715	3	-1.31e-06	1.80e-05	-2.00e-03	-1.43e-04	-1.55e-05	0.0
1715	4	-3.42e-05	3.32e-05	-8.61e-03	-6.47e-04	-7.82e-05	0.0
1716	1	0.0	0.0	0.0	-9.27e-05	0.0	0.0
1716	2	0.0	0.0	0.0	-2.01e-03	-2.48e-06	0.0
1716	3	0.0	0.0	0.0	-1.78e-04	0.0	0.0
1716	4	0.0	0.0	0.0	-7.47e-04	0.0	0.0
1717	1	2.05e-05	2.90e-05	-8.81e-04	-3.84e-05	-3.68e-06	0.0
1717	2	-1.16e-04	1.00e-04	-0.02	-1.55e-03	-2.77e-04	0.0
1717	3	-2.32e-06	2.08e-05	-1.82e-03	-1.29e-04	-2.16e-05	0.0
1717	4	-4.28e-05	4.19e-05	-7.72e-03	-5.77e-04	-1.03e-04	0.0
1718	1	0.0	0.0	0.0	-8.96e-05	0.0	0.0
1718	2	0.0	0.0	0.0	-1.81e-03	-3.25e-06	0.0
1718	3	0.0	0.0	0.0	-1.61e-04	0.0	0.0
1718	4	0.0	0.0	0.0	-6.70e-04	-1.20e-06	0.0
1719	1	2.09e-05	3.26e-05	-8.22e-04	-3.78e-05	-8.30e-06	0.0
1719	2	-1.37e-04	1.31e-04	-0.02	-1.31e-03	-3.36e-04	0.0
1719	3	-3.74e-06	2.49e-05	-1.58e-03	-1.12e-04	-2.74e-05	0.0
1719	4	-5.06e-05	5.40e-05	-6.60e-03	-4.90e-04	-1.25e-04	0.0
1720	1	0.0	0.0	0.0	-8.25e-05	0.0	0.0
1720	2	0.0	0.0	0.0	-1.55e-03	-3.95e-06	0.0
1720	3	0.0	0.0	0.0	-1.40e-04	0.0	0.0
1720	4	0.0	0.0	0.0	-5.74e-04	-1.46e-06	0.0
1721	1	1.97e-05	3.77e-05	-7.16e-04	-3.43e-05	-1.33e-05	0.0
1721	2	-1.57e-04	1.73e-04	-0.01	-1.04e-03	-3.90e-04	0.0
1721	3	-5.63e-06	3.04e-05	-1.28e-03	-9.00e-05	-3.29e-05	0.0
1721	4	-5.79e-05	7.06e-05	-5.27e-03	-3.87e-04	-1.45e-04	0.0
1722	1	0.0	0.0	0.0	-7.10e-05	0.0	0.0
1722	2	0.0	0.0	0.0	-1.24e-03	-4.59e-06	0.0
1722	3	0.0	0.0	0.0	-1.14e-04	0.0	0.0
1722	4	0.0	0.0	0.0	-4.60e-04	-1.70e-06	0.0
1723	1	1.65e-05	4.49e-05	-5.56e-04	-2.81e-05	-1.90e-05	0.0
1723	2	-1.77e-04	2.33e-04	-0.01	-7.30e-04	-4.41e-04	0.0
1723	3	-8.41e-06	3.82e-05	-9.29e-04	-6.52e-05	-3.84e-05	0.0
1723	4	-6.58e-05	9.39e-05	-3.75e-03	-2.73e-04	-1.64e-04	0.0
1724	1	0.0	0.0	0.0	-5.41e-05	0.0	0.0
1724	2	0.0	0.0	0.0	-8.81e-04	-5.23e-06	0.0
1724	3	0.0	0.0	0.0	-8.23e-05	0.0	0.0
1724	4	0.0	0.0	0.0	-3.27e-04	-1.94e-06	0.0
1725	1	1.03e-05	5.54e-05	-3.35e-04	-2.01e-05	-2.50e-05	0.0
1725	2	-2.08e-04	3.24e-04	-5.44e-03	-4.08e-04	-4.93e-04	0.0
1725	3	-1.35e-05	4.99e-05	-5.21e-04	-3.86e-05	-4.39e-05	0.0
1725	4	-7.82e-05	1.29e-04	-2.04e-03	-1.54e-04	-1.82e-04	0.0
1726	1	0.0	0.0	0.0	-3.04e-05	0.0	0.0
1726	2	0.0	0.0	0.0	-4.68e-04	-5.86e-06	0.0
1726	3	0.0	0.0	0.0	-4.49e-05	0.0	0.0
1726	4	0.0	0.0	0.0	-1.74e-04	-2.17e-06	0.0
1727	1	-2.22e-04	4.01e-04	-4.84e-04	-5.24e-06	-8.31e-05	0.0
1727	2	1.88e-04	8.03e-04	-6.22e-03	-2.54e-04	3.79e-04	-6.09e-06
1727	3	-5.44e-05	1.95e-04	-6.70e-04	-2.45e-05	3.64e-06	0.0
1727	4	6.73e-05	3.14e-04	-2.37e-03	-9.83e-05	1.41e-04	-2.31e-06
1728	1	-2.06e-04	3.11e-04	2.22e-04	5.88e-05	-5.96e-05	-1.90e-06



1728	2	2.32e-04	6.12e-04	-0.01	-3.76e-04	4.95e-04	-8.23e-06
1728	3	-4.72e-05	1.52e-04	-7.88e-04	-1.49e-05	1.91e-05	-1.26e-06
1728	4	8.26e-05	2.41e-04	-4.00e-03	-1.44e-04	1.83e-04	-3.14e-06
1729	1	-1.81e-04	2.46e-04	7.06e-04	1.08e-04	-3.87e-05	-2.61e-06
1729	2	2.53e-04	4.76e-04	-0.02	-5.23e-04	5.58e-04	-8.46e-06
1729	3	-3.88e-05	1.20e-04	-1.04e-03	-1.14e-05	3.00e-05	-1.50e-06
1729	4	8.99e-05	1.88e-04	-5.95e-03	-1.98e-04	2.07e-04	-3.23e-06
1730	1	-1.52e-04	1.95e-04	9.96e-04	1.45e-04	-2.08e-05	-2.74e-06
1730	2	2.58e-04	3.74e-04	-0.02	-6.86e-04	5.79e-04	-7.95e-06
1730	3	-2.97e-05	9.57e-05	-1.37e-03	-1.29e-05	3.69e-05	-1.49e-06
1730	4	9.16e-05	1.49e-04	-8.05e-03	-2.59e-04	2.15e-04	-3.04e-06
1731	1	-1.20e-04	1.56e-04	1.12e-03	1.69e-04	-5.75e-06	-2.57e-06
1731	2	2.48e-04	2.97e-04	-0.03	-8.52e-04	5.64e-04	-7.06e-06
1731	3	-2.11e-05	7.71e-05	-1.75e-03	-1.82e-05	4.02e-05	-1.37e-06
1731	4	8.81e-05	1.19e-04	-0.01	-3.21e-04	2.09e-04	-2.70e-06
1732	1	-8.96e-05	1.25e-04	1.12e-03	1.83e-04	6.33e-06	-2.27e-06
1732	2	2.25e-04	2.37e-04	-0.03	-1.01e-03	5.18e-04	-5.99e-06
1732	3	-1.35e-05	6.25e-05	-2.15e-03	-2.59e-05	4.04e-05	-1.18e-06
1732	4	7.98e-05	9.57e-05	-0.01	-3.80e-04	1.92e-04	-2.29e-06
1733	1	-6.11e-05	1.00e-04	1.01e-03	1.88e-04	1.56e-05	-1.92e-06
1733	2	1.90e-04	1.91e-04	-0.04	-1.15e-03	4.47e-04	-4.80e-06
1733	3	-7.35e-06	5.12e-05	-2.54e-03	-3.50e-05	3.79e-05	0.0
1733	4	6.71e-05	7.82e-05	-0.01	-4.32e-04	1.66e-04	-1.83e-06
1734	1	-3.57e-05	8.17e-05	8.20e-04	1.86e-04	2.21e-05	-1.56e-06
1734	2	1.45e-04	1.58e-04	-0.04	-1.27e-03	3.55e-04	-3.56e-06
1734	3	-2.78e-06	4.28e-05	-2.89e-03	-4.46e-05	3.30e-05	0.0
1734	4	5.09e-05	6.54e-05	-0.02	-4.77e-04	1.32e-04	-1.35e-06
1735	1	-1.39e-05	6.79e-05	5.80e-04	1.78e-04	2.60e-05	-1.22e-06
1735	2	9.23e-05	1.36e-04	-0.04	-1.36e-03	2.47e-04	-2.29e-06
1735	3	0.0	3.68e-05	-3.19e-03	-5.37e-05	2.62e-05	0.0
1735	4	3.16e-05	5.70e-05	-0.02	-5.10e-04	9.18e-05	0.0
1736	1	4.12e-06	5.81e-05	3.14e-04	1.65e-04	2.75e-05	0.0
1736	2	3.31e-05	1.24e-04	-0.05	-1.42e-03	1.28e-04	0.0
1736	3	1.53e-06	3.30e-05	-3.41e-03	-6.16e-05	1.78e-05	0.0
1736	4	1.01e-05	5.25e-05	-0.02	-5.30e-04	4.76e-05	0.0
1737	1	1.83e-05	5.21e-05	4.39e-05	1.48e-04	2.69e-05	0.0
1737	2	-3.07e-05	1.22e-04	-0.05	-1.43e-03	1.23e-06	0.0
1737	3	1.44e-06	3.12e-05	-3.53e-03	-6.78e-05	8.12e-06	0.0
1737	4	-1.31e-05	5.20e-05	-0.02	-5.36e-04	0.0	0.0
1738	1	2.89e-05	4.92e-05	-2.10e-04	1.30e-04	2.42e-05	0.0
1738	2	-9.71e-05	1.30e-04	-0.05	-1.41e-03	-1.29e-04	1.68e-06
1738	3	0.0	3.13e-05	-3.56e-03	-7.16e-05	-2.38e-06	0.0
1738	4	-3.73e-05	5.53e-05	-0.02	-5.28e-04	-4.79e-05	0.0
1739	1	3.58e-05	4.93e-05	-4.28e-04	1.10e-04	1.99e-05	0.0
1739	2	-1.65e-04	1.49e-04	-0.04	-1.35e-03	-2.60e-04	3.09e-06
1739	3	-2.60e-06	3.33e-05	-3.49e-03	-7.29e-05	-1.34e-05	0.0
1739	4	-6.20e-05	6.27e-05	-0.02	-5.05e-04	-9.62e-05	1.21e-06
1740	1	3.94e-05	5.22e-05	-5.97e-04	8.98e-05	1.42e-05	0.0
1740	2	-2.32e-04	1.79e-04	-0.04	-1.25e-03	-3.86e-04	4.57e-06
1740	3	-6.28e-06	3.72e-05	-3.30e-03	-7.13e-05	-2.45e-05	0.0
1740	4	-8.67e-05	7.46e-05	-0.02	-4.68e-04	-1.43e-04	1.78e-06
1741	1	3.98e-05	5.77e-05	-7.05e-04	7.01e-05	7.56e-06	0.0
1741	2	-2.98e-04	2.22e-04	-0.04	-1.11e-03	-5.04e-04	6.16e-06
1741	3	-1.09e-05	4.31e-05	-3.00e-03	-6.68e-05	-3.53e-05	0.0
1741	4	-1.11e-04	9.17e-05	-0.01	-4.17e-04	-1.87e-04	2.40e-06
1742	1	3.73e-05	6.59e-05	-7.43e-04	5.12e-05	0.0	0.0
1742	2	-3.61e-04	2.81e-04	-0.03	-9.43e-04	-6.09e-04	7.94e-06
1742	3	-1.65e-05	5.14e-05	-2.60e-03	-5.96e-05	-4.53e-05	0.0
1742	4	-1.35e-04	1.15e-04	-0.01	-3.54e-04	-2.26e-04	3.08e-06
1743	1	3.20e-05	7.70e-05	-7.11e-04	3.33e-05	-6.55e-06	0.0
1743	2	-4.22e-04	3.62e-04	-0.02	-7.48e-04	-6.97e-04	1.01e-05
1743	3	-2.30e-05	6.26e-05	-2.11e-03	-5.01e-05	-5.40e-05	1.14e-06
1743	4	-1.58e-04	1.47e-04	-9.21e-03	-2.81e-04	-2.58e-04	3.90e-06
1744	1	2.40e-05	9.18e-05	-6.11e-04	1.60e-05	-1.26e-05	0.0
1744	2	-4.82e-04	4.75e-04	-0.02	-5.33e-04	-7.60e-04	1.28e-05
1744	3	-3.05e-05	7.78e-05	-1.54e-03	-3.88e-05	-6.07e-05	1.40e-06
1744	4	-1.81e-04	1.91e-04	-6.52e-03	-2.01e-04	-2.82e-04	4.94e-06
1745	1	1.40e-05	1.12e-04	-4.55e-04	0.0	-1.63e-05	0.0
1745	2	-5.39e-04	6.38e-04	-9.62e-03	-3.04e-04	-7.90e-04	1.62e-05
1745	3	-3.91e-05	9.94e-05	-9.05e-04	-2.62e-05	-6.44e-05	1.68e-06
1745	4	-2.03e-04	2.55e-04	-3.62e-03	-1.16e-04	-2.94e-04	6.25e-06
1746	1	2.83e-05	1.56e-04	-3.88e-04	1.47e-05	6.70e-06	0.0
1746	2	-7.13e-04	8.74e-04	-0.01	-2.75e-04	-1.01e-03	0.0
1746	3	-4.95e-05	1.37e-04	-1.14e-03	-2.03e-05	-7.39e-05	0.0
1746	4	-2.69e-04	3.50e-04	-4.76e-03	-1.06e-04	-3.74e-04	0.0
1747	1	3.96e-05	1.31e-04	-2.89e-04	5.03e-05	1.40e-05	0.0
1747	2	-6.46e-04	6.72e-04	-0.02	-4.14e-04	-9.50e-04	0.0



1747	3	-3.97e-05	1.10e-04	-1.84e-03	-2.04e-05	-6.74e-05	0.0
1747	4	-2.43e-04	2.71e-04	-8.36e-03	-1.58e-04	-3.53e-04	0.0
1748	1	4.88e-05	1.10e-04	-1.15e-04	8.70e-05	2.15e-05	0.0
1748	2	-5.75e-04	5.26e-04	-0.03	-5.50e-04	-8.68e-04	0.0
1748	3	-3.07e-05	8.99e-05	-2.47e-03	-2.01e-05	-5.88e-05	0.0
1748	4	-2.16e-04	2.13e-04	-0.01	-2.09e-04	-3.22e-04	0.0
1749	1	5.56e-05	9.41e-05	1.34e-04	1.24e-04	2.91e-05	0.0
1749	2	-4.98e-04	4.18e-04	-0.04	-6.75e-04	-7.60e-04	0.0
1749	3	-2.24e-05	7.44e-05	-3.00e-03	-1.87e-05	-4.83e-05	0.0
1749	4	-1.87e-04	1.70e-04	-0.01	-2.55e-04	-2.82e-04	0.0
1750	1	5.94e-05	8.16e-05	4.58e-04	1.62e-04	3.65e-05	0.0
1750	2	-4.16e-04	3.37e-04	-0.05	-7.83e-04	-6.30e-04	0.0
1750	3	-1.50e-05	6.26e-05	-3.42e-03	-1.61e-05	-3.64e-05	0.0
1750	4	-1.56e-04	1.38e-04	-0.02	-2.96e-04	-2.34e-04	0.0
1751	1	5.99e-05	7.27e-05	8.51e-04	1.98e-04	4.29e-05	0.0
1751	2	-3.28e-04	2.79e-04	-0.05	-8.73e-04	-4.85e-04	0.0
1751	3	-8.38e-06	5.40e-05	-3.72e-03	-1.21e-05	-2.35e-05	0.0
1751	4	-1.23e-04	1.15e-04	-0.02	-3.29e-04	-1.80e-04	0.0
1752	1	5.67e-05	6.73e-05	1.30e-03	2.33e-04	4.76e-05	0.0
1752	2	-2.39e-04	2.38e-04	-0.06	-9.39e-04	-3.28e-04	0.0
1752	3	-2.88e-06	4.82e-05	-3.88e-03	-6.87e-06	-1.04e-05	0.0
1752	4	-9.04e-05	9.87e-05	-0.02	-3.54e-04	-1.22e-04	0.0
1753	1	4.93e-05	6.57e-05	1.78e-03	2.66e-04	4.99e-05	0.0
1753	2	-1.48e-04	2.12e-04	-0.06	-9.82e-04	-1.65e-04	0.0
1753	3	1.35e-06	4.50e-05	-3.92e-03	0.0	2.46e-06	0.0
1753	4	-5.71e-05	8.82e-05	-0.02	-3.70e-04	-6.13e-05	0.0
1754	1	3.74e-05	6.81e-05	2.27e-03	2.95e-04	4.94e-05	0.0
1754	2	-5.88e-05	2.00e-04	-0.06	-9.99e-04	-2.37e-06	0.0
1754	3	4.04e-06	4.42e-05	-3.84e-03	6.76e-06	1.45e-05	0.0
1754	4	-2.45e-05	8.32e-05	-0.02	-3.77e-04	0.0	0.0
1755	1	2.07e-05	7.49e-05	2.75e-03	3.19e-04	4.57e-05	0.0
1755	2	2.64e-05	2.01e-04	-0.06	-9.92e-04	1.56e-04	0.0
1755	3	4.97e-06	4.61e-05	-3.64e-03	1.44e-05	2.52e-05	0.0
1755	4	6.67e-06	8.34e-05	-0.02	-3.74e-04	5.79e-05	0.0
1756	1	-1.24e-06	8.67e-05	3.16e-03	3.37e-04	3.82e-05	0.0
1756	2	1.05e-04	2.15e-04	-0.06	-9.61e-04	3.05e-04	0.0
1756	3	3.87e-06	5.07e-05	-3.35e-03	2.20e-05	3.41e-05	0.0
1756	4	3.54e-05	8.87e-05	-0.02	-3.62e-04	1.13e-04	0.0
1757	1	-2.86e-05	1.04e-04	3.49e-03	3.46e-04	2.68e-05	0.0
1757	2	1.75e-04	2.43e-04	-0.05	-9.08e-04	4.39e-04	0.0
1757	3	0.0	5.84e-05	-2.97e-03	2.87e-05	4.07e-05	0.0
1757	4	6.08e-05	9.94e-05	-0.02	-3.43e-04	1.63e-04	0.0
1758	1	-6.13e-05	1.29e-04	3.68e-03	3.45e-04	1.11e-05	0.0
1758	2	2.33e-04	2.85e-04	-0.05	-8.37e-04	5.52e-04	0.0
1758	3	-5.24e-06	6.94e-05	-2.55e-03	3.38e-05	4.44e-05	0.0
1758	4	8.19e-05	1.16e-04	-0.02	-3.16e-04	2.05e-04	0.0
1759	1	-9.91e-05	1.61e-04	3.69e-03	3.32e-04	-8.97e-06	0.0
1759	2	2.76e-04	3.43e-04	-0.04	-7.51e-04	6.39e-04	0.0
1759	3	-1.35e-05	8.43e-05	-2.11e-03	3.65e-05	4.50e-05	0.0
1759	4	9.77e-05	1.38e-04	-0.02	-2.85e-04	2.37e-04	0.0
1760	1	-1.41e-04	2.03e-04	3.49e-03	3.05e-04	-3.36e-05	0.0
1760	2	3.02e-04	4.21e-04	-0.03	-6.56e-04	6.94e-04	0.0
1760	3	-2.42e-05	1.04e-04	-1.68e-03	3.57e-05	4.18e-05	0.0
1760	4	1.07e-04	1.68e-04	-0.01	-2.49e-04	2.58e-04	0.0
1761	1	-1.87e-04	2.57e-04	3.02e-03	2.62e-04	-6.27e-05	0.0
1761	2	3.08e-04	5.21e-04	-0.03	-5.57e-04	7.12e-04	0.0
1761	3	-3.72e-05	1.29e-04	-1.29e-03	3.05e-05	3.45e-05	0.0
1761	4	1.09e-04	2.07e-04	-0.01	-2.12e-04	2.64e-04	0.0
1762	1	-2.33e-04	3.26e-04	2.24e-03	2.02e-04	-9.62e-05	0.0
1762	2	2.92e-04	6.52e-04	-0.02	-4.59e-04	6.85e-04	0.0
1762	3	-5.19e-05	1.61e-04	-1.01e-03	1.99e-05	2.26e-05	0.0
1762	4	1.04e-04	2.58e-04	-7.88e-03	-1.76e-04	2.54e-04	0.0
1763	1	-2.78e-04	4.14e-04	1.10e-03	1.22e-04	-1.34e-04	0.0
1763	2	2.49e-04	8.23e-04	-0.01	-3.69e-04	6.10e-04	0.0
1763	3	-6.77e-05	2.03e-04	-8.64e-04	3.12e-06	5.88e-06	0.0
1763	4	8.85e-05	3.24e-04	-5.50e-03	-1.42e-04	2.26e-04	0.0
1764	1	-3.18e-04	5.29e-04	-4.12e-04	2.05e-05	1.76e-04	0.0
1764	2	1.80e-04	1.05e-03	-9.09e-03	-2.96e-04	4.86e-04	0.0
1764	3	-8.37e-05	2.58e-04	-9.07e-04	-2.13e-05	-1.58e-05	0.0
1764	4	6.38e-05	4.12e-04	-3.48e-03	-1.15e-04	1.80e-04	0.0
1765	1	3.68e-05	2.00e-04	-1.98e-04	2.00e-05	5.23e-05	1.39e-06
1765	2	-9.58e-04	1.08e-03	-0.01	-2.22e-04	-1.09e-03	1.87e-05
1765	3	-6.69e-05	1.72e-04	-1.31e-03	-1.52e-05	-6.75e-05	2.17e-06
1765	4	-3.62e-04	4.33e-04	-5.69e-03	-8.70e-05	-4.07e-04	7.28e-06
1766	1	5.04e-05	1.69e-04	3.47e-04	7.02e-05	5.86e-05	1.56e-06
1766	2	-8.88e-04	8.58e-04	-0.03	-3.17e-04	-1.05e-03	1.63e-05
1766	3	-5.62e-05	1.41e-04	-1.96e-03	-7.85e-06	-6.24e-05	2.04e-06



1766	4	-3.34e-04	3.45e-04	-9.70e-03	-1.23e-04	-3.92e-04	6.42e-06
1767	1	6.31e-05	1.44e-04	9.63e-04	1.20e-04	6.62e-05	1.45e-06
1767	2	-7.97e-04	6.88e-04	-0.04	-4.03e-04	-9.71e-04	1.35e-05
1767	3	-4.46e-05	1.17e-04	-2.54e-03	0.0	-5.36e-05	1.75e-06
1767	4	-2.99e-04	2.78e-04	-0.01	-1.55e-04	-3.61e-04	5.32e-06
1768	1	7.36e-05	1.23e-04	1.65e-03	1.71e-04	7.39e-05	1.21e-06
1768	2	-6.92e-04	5.60e-04	-0.04	-4.80e-04	-8.54e-04	1.08e-05
1768	3	-3.31e-05	9.78e-05	-3.02e-03	9.01e-06	-4.24e-05	1.43e-06
1768	4	-2.60e-04	2.27e-04	-0.02	-1.84e-04	-3.17e-04	4.28e-06
1769	1	8.12e-05	1.06e-04	2.42e-03	2.21e-04	8.07e-05	0.0
1769	2	-5.77e-04	4.63e-04	-0.05	-5.47e-04	-7.11e-04	8.42e-06
1769	3	-2.20e-05	8.29e-05	-3.38e-03	1.84e-05	-2.95e-05	1.12e-06
1769	4	-2.17e-04	1.89e-04	-0.02	-2.09e-04	-2.64e-04	3.35e-06
1770	1	8.53e-05	9.33e-05	3.24e-03	2.69e-04	8.57e-05	0.0
1770	2	-4.57e-04	3.91e-04	-0.06	-6.03e-04	-5.48e-04	6.31e-06
1770	3	-1.17e-05	7.18e-05	-3.60e-03	2.85e-05	-1.58e-05	0.0
1770	4	-1.72e-04	1.60e-04	-0.02	-2.30e-04	-2.04e-04	2.51e-06
1771	1	8.52e-05	8.50e-05	4.10e-03	3.16e-04	8.80e-05	0.0
1771	2	-3.32e-04	3.40e-04	-0.06	-6.46e-04	-3.73e-04	4.39e-06
1771	3	-2.53e-06	6.40e-05	-3.69e-03	3.89e-05	-1.96e-06	0.0
1771	4	-1.26e-04	1.40e-04	-0.02	-2.46e-04	-1.39e-04	1.76e-06
1772	1	8.04e-05	8.12e-05	4.97e-03	3.60e-04	8.68e-05	0.0
1772	2	-2.05e-04	3.07e-04	-0.07	-6.75e-04	-1.91e-04	2.61e-06
1772	3	5.17e-06	5.93e-05	-3.64e-03	4.95e-05	1.13e-05	0.0
1772	4	-7.95e-05	1.26e-04	-0.02	-2.57e-04	-7.11e-05	1.06e-06
1773	1	7.02e-05	8.23e-05	5.80e-03	3.99e-04	8.14e-05	0.0
1773	2	-8.09e-05	2.91e-04	-0.07	-6.89e-04	-8.49e-06	0.0
1773	3	1.11e-05	5.77e-05	-3.47e-03	5.99e-05	2.34e-05	0.0
1773	4	-3.37e-05	1.20e-04	-0.03	-2.63e-04	-3.20e-06	0.0
1774	1	5.40e-05	8.88e-05	6.56e-03	4.32e-04	7.10e-05	-1.20e-06
1774	2	3.88e-05	2.90e-04	-0.07	-6.90e-04	1.69e-04	0.0
1774	3	1.48e-05	5.93e-05	-3.19e-03	6.96e-05	3.37e-05	0.0
1774	4	1.02e-05	1.19e-04	-0.02	-2.63e-04	6.28e-05	0.0
1775	1	3.14e-05	1.01e-04	7.19e-03	4.57e-04	5.51e-05	-1.75e-06
1775	2	1.50e-04	3.05e-04	-0.06	-6.76e-04	3.36e-04	-2.39e-06
1775	3	1.59e-05	6.43e-05	-2.81e-03	7.79e-05	4.14e-05	0.0
1775	4	5.12e-05	1.25e-04	-0.02	-2.58e-04	1.25e-04	0.0
1776	1	1.67e-06	1.21e-04	7.63e-03	4.72e-04	3.31e-05	-2.36e-06
1776	2	2.50e-04	3.36e-04	-0.06	-6.50e-04	4.85e-04	-4.06e-06
1776	3	1.42e-05	7.29e-05	-2.38e-03	8.42e-05	4.61e-05	-1.07e-06
1776	4	8.79e-05	1.37e-04	-0.02	-2.48e-04	1.80e-04	-1.57e-06
1777	1	-3.54e-05	1.49e-04	7.82e-03	4.74e-04	4.60e-06	-3.04e-06
1777	2	3.36e-04	3.84e-04	-0.05	-6.14e-04	6.12e-04	-5.78e-06
1777	3	9.26e-06	8.57e-05	-1.92e-03	8.76e-05	4.70e-05	-1.43e-06
1777	4	1.19e-04	1.55e-04	-0.02	-2.34e-04	2.27e-04	-2.25e-06
1778	1	-7.99e-05	1.88e-04	7.70e-03	4.60e-04	-3.08e-05	-3.79e-06
1778	2	4.02e-04	4.52e-04	-0.05	-5.68e-04	7.08e-04	-7.56e-06
1778	3	0.0	1.03e-04	-1.46e-03	8.71e-05	4.38e-05	-1.82e-06
1778	4	1.44e-04	1.82e-04	-0.02	-2.18e-04	2.63e-04	-2.94e-06
1779	1	-1.32e-04	2.38e-04	7.19e-03	4.29e-04	-7.31e-05	-4.58e-06
1779	2	4.47e-04	5.42e-04	-0.04	-5.17e-04	7.69e-04	-9.37e-06
1779	3	-1.12e-05	1.27e-04	-1.07e-03	8.17e-05	3.58e-05	-2.23e-06
1779	4	1.60e-04	2.17e-04	-0.02	-1.98e-04	2.85e-04	-3.65e-06
1780	1	-1.90e-04	3.03e-04	6.23e-03	3.75e-04	-1.23e-04	-5.33e-06
1780	2	4.66e-04	6.58e-04	-0.03	-4.62e-04	7.88e-04	-1.11e-05
1780	3	-2.70e-05	1.57e-04	-7.72e-04	7.02e-05	2.26e-05	-2.61e-06
1780	4	1.67e-04	2.62e-04	-0.01	-1.78e-04	2.93e-04	-4.32e-06
1781	1	-2.54e-04	3.86e-04	4.74e-03	2.97e-04	-1.79e-04	-5.80e-06
1781	2	4.55e-04	8.08e-04	-0.03	-4.06e-04	7.59e-04	-1.24e-05
1781	3	-4.64e-05	1.96e-04	-6.37e-04	5.14e-05	3.79e-06	-2.87e-06
1781	4	1.64e-04	3.21e-04	-9.48e-03	-1.57e-04	2.82e-04	-4.84e-06
1782	1	-3.23e-04	4.92e-04	2.67e-03	1.90e-04	-2.41e-04	-5.47e-06
1782	2	4.08e-04	1.00e-03	-0.02	-3.49e-04	6.73e-04	-1.26e-05
1782	3	-6.94e-05	2.45e-04	-7.16e-04	2.40e-05	-2.11e-05	-2.78e-06
1782	4	1.47e-04	3.95e-04	-6.83e-03	-1.36e-04	2.50e-04	-4.88e-06
1783	1	-3.95e-04	6.23e-04	-6.03e-05	5.02e-05	-3.09e-04	-3.10e-06
1783	2	3.15e-04	1.24e-03	-0.01	-2.91e-04	5.22e-04	-9.34e-06
1783	3	-9.68e-05	3.06e-04	-1.07e-03	-1.29e-05	-5.24e-05	-1.77e-06
1783	4	1.14e-04	4.91e-04	-4.59e-03	-1.14e-04	1.94e-04	-3.62e-06
1784	1	-4.76e-04	6.85e-04	6.71e-04	8.36e-05	-4.84e-04	0.0
1784	2	2.70e-04	1.41e-03	-0.02	-3.22e-04	5.85e-04	0.0
1784	3	-1.25e-04	3.42e-04	-1.16e-03	-6.62e-06	-9.97e-05	0.0
1784	4	9.64e-05	5.56e-04	-5.83e-03	-1.27e-04	2.17e-04	0.0
1785	1	-3.71e-04	5.41e-04	4.90e-03	2.45e-04	-3.75e-04	0.0
1785	2	3.76e-04	1.15e-03	-0.02	-3.43e-04	7.21e-04	0.0
1785	3	-8.67e-05	2.75e-04	-3.90e-04	3.96e-05	-5.71e-05	0.0
1785	4	1.35e-04	4.56e-04	-8.24e-03	-1.35e-04	2.68e-04	0.0



1786	1	-2.77e-04	4.25e-04	8.12e-03	3.64e-04	-2.77e-04	0.0
1786	2	4.39e-04	9.46e-04	-0.03	-3.71e-04	8.03e-04	0.0
1786	3	-5.49e-05	2.22e-04	-5.16e-06	7.27e-05	-2.19e-05	0.0
1786	4	1.57e-04	3.76e-04	-0.01	-1.45e-04	2.98e-04	0.0
1787	1	-1.95e-04	3.33e-04	0.01	4.47e-04	-1.90e-04	0.0
1787	2	4.60e-04	7.84e-04	-0.04	-3.99e-04	8.30e-04	0.0
1787	3	-2.94e-05	1.79e-04	6.85e-05	9.52e-05	5.83e-06	0.0
1787	4	1.65e-04	3.13e-04	-0.01	-1.56e-04	3.08e-04	0.0
1788	1	-1.24e-04	2.61e-04	0.01	5.00e-04	-1.15e-04	0.0
1788	2	4.47e-04	6.57e-04	-0.05	-4.26e-04	8.09e-04	0.0
1788	3	-9.60e-06	1.45e-04	-9.66e-05	1.09e-04	2.65e-05	0.0
1788	4	1.60e-04	2.63e-04	-0.02	-1.66e-04	3.00e-04	0.0
1789	1	-6.39e-05	2.05e-04	0.01	5.29e-04	-5.09e-05	0.0
1789	2	4.03e-04	5.60e-04	-0.05	-4.50e-04	7.43e-04	0.0
1789	3	4.86e-06	1.20e-04	-4.32e-04	1.15e-04	4.05e-05	0.0
1789	4	1.43e-04	2.25e-04	-0.02	-1.75e-04	2.76e-04	0.0
1790	1	-1.43e-05	1.64e-04	0.01	5.37e-04	2.47e-06	0.0
1790	2	3.33e-04	4.87e-04	-0.06	-4.70e-04	6.40e-04	0.0
1790	3	1.45e-05	1.00e-04	-8.77e-04	1.16e-04	4.86e-05	0.0
1790	4	1.17e-04	1.96e-04	-0.02	-1.82e-04	2.38e-04	0.0
1791	1	2.56e-05	1.33e-04	0.01	5.29e-04	4.57e-05	0.0
1791	2	2.42e-04	4.36e-04	-0.07	-4.84e-04	5.06e-04	0.0
1791	3	1.97e-05	8.64e-05	-1.38e-03	1.13e-04	5.14e-05	0.0
1791	4	8.38e-05	1.76e-04	-0.02	-1.87e-04	1.88e-04	0.0
1792	1	5.66e-05	1.13e-04	0.01	5.07e-04	7.95e-05	0.0
1792	2	1.33e-04	4.03e-04	-0.07	-4.93e-04	3.48e-04	0.0
1792	3	2.11e-05	7.73e-05	-1.88e-03	1.06e-04	4.95e-05	0.0
1792	4	4.37e-05	1.63e-04	-0.03	-1.90e-04	1.29e-04	0.0
1793	1	7.93e-05	1.01e-04	0.01	4.76e-04	1.05e-04	0.0
1793	2	1.05e-05	3.89e-04	-0.07	-4.95e-04	1.71e-04	0.0
1793	3	1.90e-05	7.24e-05	-2.34e-03	9.65e-05	4.37e-05	0.0
1793	4	-1.36e-06	1.58e-04	-0.03	-1.91e-04	6.35e-05	0.0
1794	1	9.47e-05	9.53e-05	0.01	4.36e-04	1.22e-04	0.0
1794	2	-1.22e-04	3.93e-04	-0.07	-4.89e-04	-1.68e-05	0.0
1794	3	1.41e-05	7.14e-05	-2.73e-03	8.54e-05	3.48e-05	0.0
1794	4	-4.99e-05	1.60e-04	-0.03	-1.89e-04	-6.42e-06	0.0
1795	1	1.04e-04	9.61e-05	8.78e-03	3.91e-04	1.33e-04	0.0
1795	2	-2.59e-04	4.13e-04	-0.07	-4.76e-04	-2.11e-04	0.0
1795	3	6.80e-06	7.41e-05	-3.02e-03	7.31e-05	2.34e-05	0.0
1795	4	-1.01e-04	1.68e-04	-0.03	-1.84e-04	-7.84e-05	0.0
1796	1	1.07e-04	1.02e-04	7.44e-03	3.42e-04	1.38e-04	0.0
1796	2	-3.99e-04	4.52e-04	-0.07	-4.56e-04	-4.03e-04	0.0
1796	3	-2.42e-06	8.03e-05	-3.19e-03	6.02e-05	1.03e-05	0.0
1796	4	-1.52e-04	1.84e-04	-0.03	-1.76e-04	-1.50e-04	0.0
1797	1	1.05e-04	1.14e-04	6.07e-03	2.90e-04	1.38e-04	0.0
1797	2	-5.36e-04	5.12e-04	-0.06	-4.29e-04	-5.89e-04	0.0
1797	3	-1.31e-05	9.00e-05	-3.22e-03	4.70e-05	-3.62e-06	0.0
1797	4	-2.03e-04	2.08e-04	-0.02	-1.66e-04	-2.19e-04	0.0
1798	1	9.95e-05	1.30e-04	4.73e-03	2.36e-04	1.34e-04	0.0
1798	2	-6.68e-04	5.94e-04	-0.06	-3.94e-04	-7.60e-04	0.0
1798	3	-2.48e-05	1.04e-04	-3.11e-03	3.40e-05	-1.77e-05	0.0
1798	4	-2.52e-04	2.41e-04	-0.02	-1.53e-04	-2.83e-04	0.0
1799	1	9.04e-05	1.51e-04	3.43e-03	1.82e-04	1.28e-04	0.0
1799	2	-7.91e-04	7.03e-04	-0.05	-3.54e-04	-9.12e-04	0.0
1799	3	-3.71e-05	1.21e-04	-2.87e-03	2.11e-05	-3.11e-05	0.0
1799	4	-2.98e-04	2.85e-04	-0.02	-1.38e-04	-3.39e-04	0.0
1800	1	7.87e-05	1.77e-04	2.21e-03	1.27e-04	1.20e-04	0.0
1800	2	-9.02e-04	8.46e-04	-0.04	-3.09e-04	-1.04e-03	0.0
1800	3	-4.94e-05	1.43e-04	-2.50e-03	8.76e-06	-4.31e-05	0.0
1800	4	-3.40e-04	3.42e-04	-0.01	-1.20e-04	-3.86e-04	0.0
1801	1	6.52e-05	2.07e-04	1.06e-03	7.38e-05	1.11e-04	0.0
1801	2	-9.95e-04	1.03e-03	-0.03	-2.60e-04	-1.13e-03	0.0
1801	3	-6.14e-05	1.71e-04	-2.03e-03	-3.16e-06	-5.31e-05	0.0
1801	4	-3.76e-04	4.14e-04	-0.01	-1.02e-04	-4.22e-04	0.0
1802	1	5.09e-05	2.42e-04	1.35e-05	2.22e-05	1.02e-04	0.0
1802	2	-1.07e-03	1.26e-03	-0.02	-2.13e-04	-1.20e-03	0.0
1802	3	-7.26e-05	2.05e-04	-1.46e-03	-1.47e-05	-6.09e-05	0.0
1802	4	-4.05e-04	5.07e-04	-6.58e-03	-8.44e-05	-4.46e-04	0.0
1803	1	-5.11e-04	7.07e-04	1.42e-03	5.85e-05	-6.68e-04	-5.01e-06
1803	2	3.78e-04	1.53e-03	-0.02	-3.19e-04	5.77e-04	-9.87e-06
1803	3	-1.27e-04	3.63e-04	-1.25e-03	-1.45e-05	-1.55e-04	-2.43e-06
1803	4	1.36e-04	6.07e-04	-7.07e-03	-1.26e-04	2.14e-04	-3.87e-06
1804	1	-3.69e-04	5.62e-04	7.30e-03	2.17e-04	-5.13e-04	-7.18e-06
1804	2	4.97e-04	1.27e-03	-0.02	-3.38e-04	7.33e-04	-1.37e-05
1804	3	-7.74e-05	2.95e-04	-1.12e-06	3.07e-05	-9.70e-05	-3.45e-06
1804	4	1.79e-04	5.06e-04	-9.52e-03	-1.34e-04	2.72e-04	-5.40e-06
1805	1	-2.53e-04	4.42e-04	0.01	3.30e-04	-3.75e-04	-7.30e-06



1805	2	5.59e-04	1.06e-03	-0.03	-3.52e-04	8.21e-04	-1.38e-05
1805	3	-3.90e-05	2.40e-04	7.18e-04	6.33e-05	-4.96e-05	-3.51e-06
1805	4	2.01e-04	4.24e-04	-0.01	-1.39e-04	3.05e-04	-5.43e-06
1806	1	-1.56e-04	3.46e-04	0.01	4.06e-04	-2.55e-04	-6.56e-06
1806	2	5.73e-04	8.97e-04	-0.04	-3.63e-04	8.49e-04	-1.23e-05
1806	3	-9.79e-06	1.95e-04	1.02e-03	8.48e-05	-1.20e-05	-3.15e-06
1806	4	2.06e-04	3.58e-04	-0.02	-1.43e-04	3.15e-04	-4.85e-06
1807	1	-7.64e-05	2.72e-04	0.02	4.52e-04	-1.52e-04	-5.52e-06
1807	2	5.48e-04	7.66e-04	-0.05	-3.73e-04	8.25e-04	-1.03e-05
1807	3	1.15e-05	1.60e-04	9.86e-04	9.76e-05	1.67e-05	-2.65e-06
1807	4	1.97e-04	3.06e-04	-0.02	-1.47e-04	3.06e-04	-4.06e-06
1808	1	-1.24e-05	2.15e-04	0.02	4.73e-04	-6.59e-05	-4.45e-06
1808	2	4.89e-04	6.65e-04	-0.06	-3.81e-04	7.56e-04	-8.10e-06
1808	3	2.59e-05	1.33e-04	7.14e-04	1.03e-04	3.71e-05	-2.13e-06
1808	4	1.74e-04	2.67e-04	-0.02	-1.50e-04	2.81e-04	-3.21e-06
1809	1	3.82e-05	1.72e-04	0.02	4.76e-04	5.36e-06	-3.45e-06
1809	2	4.00e-04	5.90e-04	-0.06	-3.86e-04	6.50e-04	-5.99e-06
1809	3	3.42e-05	1.13e-04	2.77e-04	1.04e-04	5.02e-05	-1.62e-06
1809	4	1.41e-04	2.37e-04	-0.02	-1.52e-04	2.41e-04	-2.37e-06
1810	1	7.68e-05	1.42e-04	0.02	4.65e-04	6.27e-05	-2.54e-06
1810	2	2.87e-04	5.38e-04	-0.07	-3.88e-04	5.12e-04	-3.98e-06
1810	3	3.74e-05	9.90e-05	-2.56e-04	1.00e-04	5.68e-05	-1.15e-06
1810	4	9.96e-05	2.16e-04	-0.03	-1.52e-04	1.90e-04	-1.58e-06
1811	1	1.05e-04	1.22e-04	0.02	4.42e-04	1.07e-04	-1.73e-06
1811	2	1.54e-04	5.07e-04	-0.07	-3.87e-04	3.49e-04	-2.06e-06
1811	3	3.60e-05	9.00e-05	-8.26e-04	9.39e-05	5.78e-05	0.0
1811	4	5.05e-05	2.04e-04	-0.03	-1.52e-04	1.29e-04	0.0
1812	1	1.24e-04	1.11e-04	0.02	4.11e-04	1.41e-04	-1.02e-06
1812	2	6.00e-06	4.94e-04	-0.08	-3.82e-04	1.67e-04	0.0
1812	3	3.08e-05	8.56e-05	-1.38e-03	8.52e-05	5.40e-05	0.0
1812	4	-4.13e-06	1.99e-04	-0.03	-1.50e-04	6.18e-05	0.0
1813	1	1.35e-04	1.08e-04	0.01	3.74e-04	1.65e-04	0.0
1813	2	-1.52e-04	5.01e-04	-0.08	-3.74e-04	-2.64e-05	1.65e-06
1813	3	2.24e-05	8.55e-05	-1.88e-03	7.49e-05	4.65e-05	0.0
1813	4	-6.27e-05	2.02e-04	-0.03	-1.47e-04	-1.01e-05	0.0
1814	1	1.39e-04	1.11e-04	0.01	3.32e-04	1.80e-04	0.0
1814	2	-3.17e-04	5.26e-04	-0.08	-3.63e-04	-2.25e-04	3.54e-06
1814	3	1.16e-05	8.93e-05	-2.29e-03	6.36e-05	3.59e-05	0.0
1814	4	-1.24e-04	2.12e-04	-0.03	-1.42e-04	-8.41e-05	1.45e-06
1815	1	1.37e-04	1.20e-04	0.01	2.88e-04	1.87e-04	0.0
1815	2	-4.83e-04	5.70e-04	-0.07	-3.48e-04	-4.23e-04	5.53e-06
1815	3	-1.26e-06	9.70e-05	-2.58e-03	5.18e-05	2.33e-05	0.0
1815	4	-1.85e-04	2.30e-04	-0.03	-1.37e-04	-1.58e-04	2.24e-06
1816	1	1.31e-04	1.35e-04	8.81e-03	2.42e-04	1.89e-04	1.26e-06
1816	2	-6.47e-04	6.36e-04	-0.07	-3.29e-04	-6.14e-04	7.66e-06
1816	3	-1.54e-05	1.09e-04	-2.75e-03	3.97e-05	1.20e-06	1.20e-06
1816	4	-2.46e-04	2.57e-04	-0.03	-1.30e-04	-2.28e-04	3.10e-06
1817	1	1.20e-04	1.55e-04	6.95e-03	1.95e-04	1.87e-04	1.71e-06
1817	2	-8.04e-04	7.26e-04	-0.06	-3.08e-04	-7.90e-04	9.97e-06
1817	3	-3.05e-05	1.24e-04	-2.77e-03	2.76e-05	4.66e-06	1.57e-06
1817	4	-3.04e-04	2.93e-04	-0.02	-1.21e-04	-2.94e-04	4.02e-06
1818	1	1.07e-04	1.80e-04	5.14e-03	1.47e-04	1.80e-04	2.10e-06
1818	2	-9.49e-04	8.44e-04	-0.05	-2.83e-04	-9.45e-04	1.24e-05
1818	3	-4.58e-05	1.44e-04	-2.66e-03	1.56e-05	1.83e-05	1.93e-06
1818	4	-3.59e-04	3.41e-04	-0.02	-1.12e-04	-3.52e-04	5.00e-06
1819	1	9.09e-05	2.10e-04	3.40e-03	1.00e-04	1.72e-04	2.39e-06
1819	2	-1.08e-05	9.95e-04	-0.04	-2.57e-04	-1.07e-03	1.50e-05
1819	3	-6.08e-03	1.69e-04	-2.41e-03	3.99e-06	-3.06e-05	2.26e-06
1819	4	-4.07e-04	4.01e-04	-0.02	-1.02e-04	-3.99e-04	5.99e-06
1820	1	7.38e-05	2.45e-04	1.74e-03	5.34e-05	1.62e-04	2.48e-06
1820	2	-1.18e-03	1.19e-03	-0.03	-2.28e-04	-1.16e-03	1.72e-05
1820	3	-7.48e-05	1.99e-04	-2.06e-03	-7.36e-06	-4.06e-05	2.49e-06
1820	4	-4.48e-04	4.77e-04	-0.01	-9.07e-05	-4.33e-04	6.84e-06
1821	1	5.61e-05	2.85e-04	1.84e-04	7.28e-06	1.51e-04	2.23e-06
1821	2	-1.26e-03	1.42e-03	-0.02	-1.96e-04	-1.20e-03	1.81e-05
1821	3	-8.68e-05	2.35e-04	-1.61e-03	-1.83e-05	-4.70e-05	2.45e-06
1821	4	-4.76e-04	5.72e-04	-7.35e-03	-7.86e-05	-4.48e-04	7.15e-06
1822	1	-5.67e-04	7.00e-04	1.89e-03	1.95e-05	-8.35e-04	0.0
1822	2	3.07e-04	1.63e-03	-0.02	-3.51e-04	6.12e-04	0.0
1822	3	-1.50e-04	3.73e-04	-1.45e-03	-2.98e-05	-2.02e-04	0.0
1822	4	1.09e-04	6.50e-04	-8.43e-03	-1.39e-04	2.27e-04	0.0
1823	1	-4.02e-04	5.56e-04	9.13e-03	1.37e-04	-6.34e-04	0.0
1823	2	4.31e-04	1.38e-03	-0.03	-3.46e-04	7.48e-04	0.0
1823	3	-9.27e-05	3.05e-04	1.88e-04	5.49e-06	-1.32e-04	0.0
1823	4	1.54e-04	5.48e-04	-0.01	-1.38e-04	2.78e-04	0.0
1824	1	-2.67e-04	4.39e-04	0.01	2.17e-04	-4.57e-04	0.0
1824	2	5.04e-04	1.17e-03	-0.04	-3.47e-04	8.29e-04	0.0



1824	3	-4.80e-05	2.50e-04	1.19e-03	2.92e-05	-7.32e-05	0.0
1824	4	1.80e-04	4.66e-04	-0.01	-1.38e-04	3.08e-04	0.0
1825	1	-1.58e-04	3.46e-04	0.02	2.68e-04	-3.05e-04	0.0
1825	2	5.28e-04	9.99e-04	-0.04	-3.47e-04	8.54e-04	0.0
1825	3	-1.45e-05	2.06e-04	1.68e-03	4.44e-05	-2.65e-05	0.0
1825	4	1.89e-04	3.99e-04	-0.02	-1.38e-04	3.17e-04	0.0
1826	1	-7.12e-05	2.73e-04	0.02	2.97e-04	-1.79e-04	0.0
1826	2	5.09e-04	8.67e-04	-0.05	-3.47e-04	8.29e-04	0.0
1826	3	9.39e-06	1.71e-04	1.75e-03	5.29e-05	9.17e-06	0.0
1826	4	1.81e-04	3.47e-04	-0.02	-1.38e-04	3.08e-04	0.0
1827	1	-2.91e-06	2.17e-04	0.02	3.09e-04	-7.35e-05	0.0
1827	2	4.52e-04	7.66e-04	-0.06	-3.46e-04	7.58e-04	0.0
1827	3	2.52e-05	1.44e-04	1.53e-03	5.64e-05	3.50e-05	0.0
1827	4	1.60e-04	3.07e-04	-0.02	-1.37e-04	2.81e-04	0.0
1828	1	4.96e-05	1.77e-04	0.02	3.07e-04	1.20e-05	0.0
1828	2	3.65e-04	6.92e-04	-0.07	-3.43e-04	6.50e-04	0.0
1828	3	3.41e-05	1.24e-04	1.09e-03	5.62e-05	5.21e-05	0.0
1828	4	1.27e-04	2.77e-04	-0.03	-1.36e-04	2.41e-04	0.0
1829	1	8.86e-05	1.48e-04	0.02	2.96e-04	8.01e-05	0.0
1829	2	2.50e-04	6.42e-04	-0.07	-3.39e-04	5.09e-04	0.0
1829	3	3.71e-05	1.11e-04	5.24e-04	5.33e-05	6.17e-05	0.0
1829	4	8.50e-05	2.57e-04	-0.03	-1.35e-04	1.89e-04	0.0
1830	1	1.16e-04	1.30e-04	0.02	2.77e-04	1.33e-04	0.0
1830	2	1.15e-04	6.12e-04	-0.08	-3.33e-04	3.44e-04	0.0
1830	3	3.53e-05	1.02e-04	-1.06e-04	4.84e-05	6.48e-05	0.0
1830	4	3.49e-05	2.45e-04	-0.03	-1.32e-04	1.27e-04	0.0
1831	1	1.34e-04	1.21e-04	0.02	2.54e-04	1.72e-04	0.0
1831	2	-3.67e-05	6.03e-04	-0.08	-3.26e-04	1.60e-04	0.0
1831	3	2.94e-05	9.87e-05	-7.39e-04	4.21e-05	6.26e-05	0.0
1831	4	-2.12e-05	2.41e-04	-0.03	-1.30e-04	5.89e-05	0.0
1832	1	1.44e-04	1.20e-04	0.02	2.27e-04	2.00e-04	0.0
1832	2	-2.00e-04	6.13e-04	-0.08	-3.16e-04	-3.64e-05	0.0
1832	3	2.02e-05	9.95e-05	-1.33e-03	3.50e-05	5.60e-05	0.0
1832	4	-8.14e-05	2.46e-04	-0.03	-1.26e-04	-1.40e-05	0.0
1833	1	1.46e-04	1.26e-04	0.02	1.98e-04	2.17e-04	0.0
1833	2	-3.69e-04	6.42e-04	-0.08	-3.06e-04	-2.38e-04	0.0
1833	3	8.51e-06	1.05e-04	-1.83e-03	2.74e-05	4.60e-05	0.0
1833	4	-1.44e-04	2.57e-04	-0.03	-1.22e-04	-8.89e-05	0.0
1834	1	1.43e-04	1.38e-04	0.01	1.68e-04	2.27e-04	0.0
1834	2	-5.39e-04	6.91e-04	-0.08	-2.93e-04	-4.38e-04	0.0
1834	3	-5.10e-06	1.14e-04	-2.23e-03	1.96e-05	3.37e-05	0.0
1834	4	-2.07e-04	2.77e-04	-0.03	-1.17e-04	-1.63e-04	0.0
1835	1	1.36e-04	1.56e-04	0.01	1.37e-04	2.30e-04	0.0
1835	2	-7.07e-04	7.62e-04	-0.07	-2.80e-04	-6.31e-04	0.0
1835	3	-2.00e-05	1.27e-04	-2.49e-03	1.17e-05	1.99e-05	0.0
1835	4	-2.69e-04	3.06e-04	-0.03	-1.12e-04	-2.35e-04	0.0
1836	1	1.24e-04	1.80e-04	8.47e-03	1.06e-04	2.27e-04	0.0
1836	2	-8.65e-04	8.57e-04	-0.06	-2.65e-04	-8.09e-04	0.0
1836	3	-3.55e-05	1.44e-04	-2.62e-03	3.91e-06	5.56e-06	0.0
1836	4	-3.29e-04	3.45e-04	-0.02	-1.06e-04	-3.01e-04	0.0
1837	1	1.10e-04	2.09e-04	6.25e-03	7.53e-05	2.20e-04	0.0
1837	2	-1.01e-03	9.80e-04	-0.05	-2.50e-04	-9.67e-04	0.0
1837	3	-5.10e-05	1.66e-04	-2.60e-03	-3.72e-06	-8.36e-06	0.0
1837	4	-3.83e-04	3.95e-04	-0.02	-1.00e-04	-3.60e-04	0.0
1838	1	9.43e-05	2.43e-04	4.12e-03	4.53e-05	2.11e-04	0.0
1838	2	-1.14e-03	1.13e-03	-0.04	-2.34e-04	-1.10e-03	0.0
1838	3	-6.59e-05	1.93e-04	-2.46e-03	-1.11e-05	-2.10e-05	0.0
1838	4	-4.31e-04	4.57e-04	-0.02	-9.38e-05	-4.09e-04	0.0
1839	1	7.73e-05	2.82e-04	2.08e-03	1.62e-05	2.01e-04	0.0
1839	2	-1.24e-03	1.33e-03	-0.03	-2.18e-04	-1.19e-03	0.0
1839	3	-7.95e-05	2.25e-04	-2.20e-03	-1.83e-05	-3.17e-05	0.0
1839	4	-4.70e-04	5.34e-04	-0.01	-8.78e-05	-4.45e-04	0.0
1840	1	6.05e-05	3.26e-04	1.55e-04	-1.17e-05	1.88e-04	0.0
1840	2	-1.31e-03	1.56e-03	-0.02	-2.06e-04	-1.26e-03	0.0
1840	3	-9.12e-05	2.63e-04	-1.84e-03	-2.55e-05	-4.04e-05	0.0
1840	4	-4.99e-04	6.28e-04	-8.19e-03	-8.29e-05	-4.69e-04	0.0
1841	1	-5.37e-04	6.63e-04	1.60e-03	-8.91e-05	-9.26e-04	-5.37e-06
1841	2	3.90e-04	1.71e-03	-0.03	-3.49e-04	5.81e-04	-9.32e-06
1841	3	-1.35e-04	3.72e-04	-1.89e-03	-6.25e-05	-2.31e-04	-2.53e-06
1841	4	1.40e-04	6.81e-04	-9.79e-03	-1.40e-04	2.16e-04	-3.70e-06
1842	1	-3.56e-04	5.30e-04	9.71e-03	-4.85e-05	-6.98e-04	-7.14e-06
1842	2	5.22e-04	1.46e-03	-0.03	-3.49e-04	7.37e-04	-1.33e-05
1842	3	-7.26e-05	3.08e-04	1.13e-05	-5.06e-05	-1.52e-04	-3.47e-06
1842	4	1.88e-04	5.82e-04	-0.01	-1.40e-04	2.74e-04	-5.29e-06
1843	1	-2.15e-04	4.21e-04	0.02	-1.88e-05	-5.01e-04	-7.09e-06
1843	2	5.90e-04	1.25e-03	-0.04	-3.45e-04	8.24e-04	-1.34e-05
1843	3	-2.63e-05	2.55e-04	1.18e-03	-4.15e-05	-8.65e-05	-3.49e-06



1843	4	2.12e-04	5.01e-04	-0.02	-1.38e-04	3.06e-04	-5.36e-06
1844	1	-1.04e-04	3.34e-04	0.02	1.01e-06	-3.33e-04	-6.27e-06
1844	2	6.06e-04	1.09e-03	-0.05	-3.40e-04	8.51e-04	-1.19e-05
1844	3	7.00e-06	2.12e-04	1.78e-03	-3.52e-05	-3.48e-05	-3.12e-06
1844	4	2.17e-04	4.36e-04	-0.02	-1.36e-04	3.16e-04	-4.80e-06
1845	1	-1.77e-05	2.66e-04	0.02	1.30e-05	-1.92e-04	-5.17e-06
1845	2	5.75e-04	9.60e-04	-0.06	-3.34e-04	8.25e-04	-9.86e-06
1845	3	2.97e-05	1.79e-04	1.92e-03	-3.12e-05	4.82e-06	-2.59e-06
1845	4	2.05e-04	3.84e-04	-0.02	-1.34e-04	3.06e-04	-3.98e-06
1846	1	4.75e-05	2.15e-04	0.02	1.91e-05	-7.67e-05	-4.03e-06
1846	2	5.05e-04	8.62e-04	-0.06	-3.27e-04	7.54e-04	-7.64e-06
1846	3	4.34e-05	1.53e-04	1.72e-03	-2.89e-05	3.36e-05	-2.03e-06
1846	4	1.79e-04	3.45e-04	-0.02	-1.32e-04	2.80e-04	-3.10e-06
1847	1	9.55e-05	1.77e-04	0.02	2.08e-05	1.64e-05	-2.94e-06
1847	2	4.02e-04	7.91e-04	-0.07	-3.20e-04	6.44e-04	-5.46e-06
1847	3	4.97e-05	1.34e-04	1.28e-03	-2.78e-05	5.29e-05	-1.48e-06
1847	4	1.41e-04	3.16e-04	-0.03	-1.29e-04	2.39e-04	-2.22e-06
1848	1	1.29e-04	1.52e-04	0.02	1.94e-05	9.01e-05	-1.94e-06
1848	2	2.71e-04	7.44e-04	-0.08	-3.13e-04	5.03e-04	-3.38e-06
1848	3	4.98e-05	1.21e-04	7.00e-04	-2.75e-05	6.40e-05	0.0
1848	4	9.17e-05	2.97e-04	-0.03	-1.26e-04	1.86e-04	-1.38e-06
1849	1	1.51e-04	1.37e-04	0.02	1.59e-05	1.47e-04	-1.05e-06
1849	2	1.17e-04	7.18e-04	-0.08	-3.04e-04	3.36e-04	-1.40e-06
1849	3	4.48e-05	1.14e-04	4.16e-05	-2.78e-05	6.82e-05	0.0
1849	4	3.47e-05	2.86e-04	-0.03	-1.23e-04	1.24e-04	0.0
1850	1	1.64e-04	1.31e-04	0.02	1.10e-05	1.89e-04	0.0
1850	2	-5.31e-05	7.12e-04	-0.08	-2.95e-04	1.51e-04	0.0
1850	3	3.57e-05	1.11e-04	-6.29e-04	-2.84e-05	6.66e-05	0.0
1850	4	-2.85e-05	2.84e-04	-0.03	-1.19e-04	5.54e-05	0.0
1851	1	1.68e-04	1.32e-04	0.02	5.23e-06	2.18e-04	0.0
1851	2	-2.35e-04	7.26e-04	-0.08	-2.86e-04	-4.65e-05	2.40e-06
1851	3	2.34e-05	1.13e-04	-1.26e-03	-2.92e-05	6.04e-05	0.0
1851	4	-9.60e-05	2.89e-04	-0.03	-1.15e-04	1.79e-05	0.0
1852	1	1.65e-04	1.41e-04	0.02	0.0	2.37e-04	1.14e-06
1852	2	-4.23e-04	7.58e-04	-0.08	-2.76e-04	-2.49e-04	4.31e-06
1852	3	8.49e-06	1.20e-04	-1.81e-03	-3.01e-05	5.06e-05	0.0
1852	4	-1.66e-04	3.03e-04	-0.03	-1.11e-04	-9.32e-05	1.77e-06
1853	1	1.57e-04	1.56e-04	0.01	-7.23e-06	2.46e-04	1.75e-06
1853	2	-6.13e-04	8.11e-04	-0.08	-2.65e-04	-4.50e-04	6.30e-06
1853	3	-8.12e-06	1.30e-04	-2.25e-03	-3.09e-05	3.83e-05	1.24e-06
1853	4	-2.36e-04	3.24e-04	-0.03	-1.07e-04	2.58e-04	2.58e-06
1854	1	1.45e-04	1.77e-04	0.01	-1.34e-05	2.49e-04	2.32e-06
1854	2	-7.98e-04	8.85e-04	-0.07	-2.55e-04	-6.43e-04	8.40e-06
1854	3	-2.58e-05	1.45e-04	-2.56e-03	-3.17e-05	2.45e-05	1.64e-06
1854	4	-3.05e-04	3.55e-04	-0.03	-1.03e-04	-2.40e-04	3.44e-06
1855	1	1.30e-04	2.04e-04	8.95e-03	-1.94e-05	2.46e-04	2.83e-06
1855	2	-9.73e-04	9.83e-04	-0.07	-2.44e-04	-8.22e-04	1.06e-05
1855	3	-4.38e-05	1.64e-04	-2.73e-03	-3.24e-05	1.00e-05	2.04e-06
1855	4	-3.71e-04	3.95e-04	-0.02	-9.90e-05	-3.06e-04	4.34e-06
1856	1	1.12e-04	2.37e-04	6.55e-03	-2.50e-05	2.39e-04	3.27e-06
1856	2	-1.13e-03	1.11e-03	-0.06	-2.34e-04	-9.79e-04	1.28e-05
1856	3	-6.15e-05	1.88e-04	-2.76e-03	-3.30e-05	-4.03e-06	2.41e-06
1856	4	-4.31e-04	4.46e-04	-0.02	-9.48e-05	-3.65e-04	5.24e-06
1857	1	9.30e-05	2.75e-04	4.23e-03	-3.02e-05	2.29e-04	3.59e-06
1857	2	-1.27e-03	1.26e-03	-0.05	-2.24e-04	-1.11e-03	1.49e-05
1857	3	-7.82e-05	2.16e-04	-2.66e-03	-3.34e-05	-1.68e-05	2.71e-06
1857	4	-4.83e-04	5.09e-04	-0.02	-9.07e-05	2.12e-04	6.07e-06
1858	1	7.32e-05	3.19e-04	2.02e-03	-3.50e-05	-4.17e-04	3.68e-06
1858	2	-1.38e-03	1.45e-03	-0.04	-2.14e-04	-1.20e-03	1.64e-05
1858	3	-9.32e-05	2.50e-04	-2.44e-03	-3.38e-05	-2.74e-05	2.87e-06
1858	4	-5.25e-04	5.85e-04	-0.01	-8.68e-05	-4.46e-04	6.64e-06
1859	1	5.32e-05	3.67e-04	-7.89e-05	-3.90e-05	2.03e-04	3.32e-06
1859	2	-1.45e-03	1.68e-03	-0.02	-2.03e-04	-1.23e-03	1.61e-05
1859	3	-1.06e-04	2.88e-04	-2.12e-03	-3.38e-05	-3.46e-05	2.71e-06
1859	4	-5.52e-04	6.77e-04	-8.98e-03	-8.25e-05	-4.61e-04	6.51e-06
1860	1	-5.89e-04	6.11e-04	6.12e-05	-2.12e-04	-9.30e-04	0.0
1860	2	3.01e-04	1.76e-03	-0.03	-3.75e-04	6.01e-04	0.0
1860	3	-1.58e-04	3.65e-04	-2.73e-03	-1.02e-04	-2.31e-04	0.0
1860	4	1.06e-04	7.06e-04	-0.01	-1.50e-04	2.23e-04	0.0
1861	1	-4.05e-04	4.90e-04	8.11e-03	-2.52e-04	-7.03e-04	0.0
1861	2	4.33e-04	1.52e-03	-0.04	-3.58e-04	7.37e-04	0.0
1861	3	-9.44e-05	3.04e-04	-8.41e-04	-1.13e-04	-1.53e-04	0.0
1861	4	1.54e-04	6.09e-04	-0.01	-1.44e-04	2.74e-04	0.0
1862	1	-2.59e-04	3.92e-04	0.01	-2.79e-04	-5.04e-04	0.0
1862	2	5.10e-04	1.32e-03	-0.04	-3.45e-04	8.18e-04	0.0
1862	3	-4.60e-05	2.55e-04	3.41e-04	-1.20e-04	-8.80e-05	0.0
1862	4	1.82e-04	5.31e-04	-0.02	-1.39e-04	3.04e-04	0.0



1863	1	-1.43e-04	3.14e-04	0.02	-2.96e-04	-3.36e-04	0.0
1863	2	5.33e-04	1.17e-03	-0.05	-3.34e-04	8.43e-04	0.0
1863	3	-1.07e-05	2.15e-04	9.45e-04	-1.24e-04	-3.63e-05	0.0
1863	4	1.90e-04	4.68e-04	-0.02	-1.35e-04	3.13e-04	0.0
1864	1	-5.30e-05	2.53e-04	0.02	-3.03e-04	-1.96e-04	0.0
1864	2	5.09e-04	1.04e-03	-0.06	-3.23e-04	8.17e-04	0.0
1864	3	1.35e-05	1.84e-04	1.10e-03	-1.25e-04	3.12e-06	0.0
1864	4	1.80e-04	4.18e-04	-0.02	-1.31e-04	3.03e-04	0.0
1865	1	1.54e-05	2.08e-04	0.02	-3.02e-04	-8.08e-05	0.0
1865	2	4.44e-04	9.52e-04	-0.07	-3.13e-04	7.45e-04	0.0
1865	3	2.85e-05	1.60e-04	9.20e-04	-1.24e-04	3.17e-05	0.0
1865	4	1.55e-04	3.80e-04	-0.03	-1.27e-04	2.76e-04	0.0
1866	1	6.61e-05	1.75e-04	0.02	-2.97e-04	1.17e-05	0.0
1866	2	3.44e-04	8.86e-04	-0.07	-3.02e-04	6.35e-04	0.0
1866	3	3.57e-05	1.43e-04	5.05e-04	-1.22e-04	5.07e-05	0.0
1866	4	1.18e-04	3.53e-04	-0.03	-1.23e-04	2.35e-04	0.0
1867	1	1.02e-04	1.53e-04	0.02	-2.87e-04	8.48e-05	0.0
1867	2	2.15e-04	8.43e-04	-0.08	-2.92e-04	4.93e-04	0.0
1867	3	3.65e-05	1.31e-04	-5.61e-05	-1.18e-04	6.16e-05	0.0
1867	4	7.01e-05	3.36e-04	-0.03	-1.19e-04	1.83e-04	0.0
1868	1	1.26e-04	1.42e-04	0.02	-2.73e-04	1.41e-04	0.0
1868	2	6.41e-05	8.22e-04	-0.08	-2.82e-04	3.26e-04	0.0
1868	3	3.21e-05	1.25e-04	-6.90e-04	-1.13e-04	6.56e-05	0.0
1868	4	1.38e-05	3.27e-04	-0.03	-1.15e-04	1.21e-04	0.0
1869	1	1.39e-04	1.39e-04	0.02	-2.57e-04	1.82e-04	0.0
1869	2	-1.04e-04	8.20e-04	-0.09	-2.72e-04	1.41e-04	0.0
1869	3	2.34e-05	1.24e-04	-1.33e-03	-1.07e-04	6.38e-05	0.0
1869	4	-4.88e-05	3.26e-04	-0.03	-1.11e-04	5.16e-05	0.0
1870	1	1.44e-04	1.43e-04	0.02	-2.39e-04	2.11e-04	0.0
1870	2	-2.84e-04	8.37e-04	-0.09	-2.62e-04	-5.63e-05	0.0
1870	3	1.13e-05	1.27e-04	-1.94e-03	-1.01e-04	5.74e-05	0.0
1870	4	-1.16e-04	3.32e-04	-0.03	-1.08e-04	-2.18e-05	0.0
1871	1	1.43e-04	1.55e-04	0.02	-2.20e-04	2.29e-04	0.0
1871	2	-4.71e-04	8.73e-04	-0.09	-2.53e-04	-2.59e-04	0.0
1871	3	-3.21e-06	1.34e-04	-2.46e-03	-9.41e-05	4.75e-05	0.0
1871	4	-1.85e-04	3.47e-04	-0.03	-1.04e-04	-9.71e-05	0.0
1872	1	1.36e-04	1.73e-04	0.01	-1.99e-04	2.39e-04	0.0
1872	2	-6.57e-04	9.28e-04	-0.08	-2.44e-04	-4.60e-04	0.0
1872	3	-1.94e-05	1.46e-04	-2.87e-03	-8.71e-05	3.50e-05	0.0
1872	4	-2.54e-04	3.70e-04	-0.03	-1.00e-04	-1.72e-04	0.0
1873	1	1.25e-04	1.97e-04	0.01	-1.78e-04	2.41e-04	0.0
1873	2	-8.39e-04	1.00e-03	-0.08	-2.36e-04	-6.53e-04	0.0
1873	3	-3.66e-05	1.62e-04	-3.14e-03	-7.99e-05	2.10e-05	0.0
1873	4	-3.22e-04	4.01e-04	-0.03	-9.70e-05	-2.44e-04	0.0
1874	1	1.11e-04	2.27e-04	8.04e-03	-1.56e-04	2.38e-04	0.0
1874	2	-1.01e-03	1.10e-03	-0.07	-2.28e-04	-8.31e-04	0.0
1874	3	-5.40e-05	1.82e-04	-3.28e-03	-7.26e-05	6.55e-06	0.0
1874	4	-3.86e-04	4.42e-04	-0.03	-9.39e-05	-3.10e-04	0.0
1875	1	9.44e-05	2.64e-04	5.72e-03	-1.34e-04	2.31e-04	0.0
1875	2	-1.16e-03	1.23e-03	-0.06	-2.22e-04	-9.88e-04	0.0
1875	3	-7.09e-05	2.07e-04	-3.27e-03	-6.53e-05	-7.56e-06	0.0
1875	4	-4.44e-04	4.93e-04	-0.02	-9.12e-05	-3.69e-04	0.0
1876	1	7.70e-05	3.06e-04	3.49e-03	-1.12e-04	2.21e-04	0.0
1876	2	-1.30e-03	1.38e-03	-0.05	-2.17e-04	-1.12e-03	0.0
1876	3	-8.66e-05	2.37e-04	-3.13e-03	-5.80e-05	-2.04e-05	0.0
1876	4	-4.93e-04	5.55e-04	-0.02	-8.90e-05	-4.17e-04	0.0
1877	1	5.91e-05	3.53e-04	1.36e-03	-9.07e-05	2.09e-04	0.0
1877	2	-1.40e-03	1.56e-03	-0.04	-2.14e-04	-1.21e-03	0.0
1877	3	-1.00e-04	2.72e-04	-2.88e-03	-5.11e-05	-3.12e-05	0.0
1877	4	-5.32e-04	6.31e-04	-0.01	-8.75e-05	-4.53e-04	0.0
1878	1	4.20e-05	4.06e-04	-6.42e-04	-7.02e-05	1.96e-04	0.0
1878	2	-1.47e-03	1.78e-03	-0.03	-2.15e-04	-1.27e-03	0.0
1878	3	-1.12e-04	3.12e-04	-2.53e-03	-4.48e-05	-3.99e-05	0.0
1878	4	-5.59e-04	7.19e-04	-9.87e-03	-8.76e-05	-4.76e-04	0.0
1879	1	-5.44e-04	5.51e-04	-2.45e-03	-2.82e-04	-8.29e-04	-5.09e-06
1879	2	3.64e-04	1.79e-03	-0.03	-3.70e-04	5.55e-04	-8.06e-06
1879	3	-1.40e-04	3.53e-04	-3.86e-03	-1.23e-04	-2.04e-04	-2.39e-06
1879	4	1.29e-04	7.21e-04	-0.01	-1.49e-04	2.06e-04	-3.27e-06
1880	1	-3.69e-04	4.43e-04	4.84e-03	-4.02e-04	-6.31e-04	-6.37e-06
1880	2	5.01e-04	1.56e-03	-0.04	-3.56e-04	7.13e-04	-1.17e-05
1880	3	-7.89e-05	2.97e-04	-2.19e-03	-1.58e-04	-1.34e-04	-3.18e-06
1880	4	1.79e-04	6.30e-04	-0.02	-1.44e-04	2.65e-04	-4.77e-06
1881	1	-2.32e-04	3.57e-04	0.01	-4.84e-04	-4.58e-04	-6.11e-06
1881	2	5.71e-04	1.38e-03	-0.05	-3.39e-04	8.01e-04	-1.18e-05
1881	3	-3.38e-05	2.52e-04	-1.15e-03	-1.81e-04	-7.57e-05	-3.15e-06
1881	4	2.04e-04	5.55e-04	-0.02	-1.38e-04	2.98e-04	-4.84e-06
1882	1	-1.23e-04	2.88e-04	0.01	-5.35e-04	-3.10e-04	-5.24e-06



1882	2	5.84e-04	1.23e-03	-0.05	-3.21e-04	8.28e-04	-1.04e-05
1882	3	-1.47e-06	2.15e-04	-6.41e-04	-1.95e-04	-2.97e-05	-2.77e-06
1882	4	2.08e-04	4.95e-04	-0.02	-1.31e-04	3.08e-04	-4.30e-06
1883	1	-3.91e-05	2.36e-04	0.02	-5.62e-04	-1.85e-04	-4.15e-06
1883	2	5.49e-04	1.12e-03	-0.06	-3.05e-04	8.03e-04	-8.44e-06
1883	3	2.01e-05	1.87e-04	-5.28e-04	-2.02e-04	5.21e-06	-2.25e-06
1883	4	1.94e-04	4.48e-04	-0.02	-1.25e-04	2.98e-04	-3.52e-06
1884	1	2.45e-05	1.97e-04	0.02	-5.71e-04	-8.21e-05	-3.02e-06
1884	2	4.71e-04	1.03e-03	-0.07	-2.89e-04	7.32e-04	-6.34e-06
1884	3	3.27e-05	1.65e-04	-7.10e-04	-2.03e-04	3.03e-05	-1.69e-06
1884	4	1.65e-04	4.13e-04	-0.03	-1.19e-04	2.72e-04	-2.67e-06
1885	1	7.10e-05	1.69e-04	0.02	-5.65e-04	1.40e-06	-1.94e-06
1885	2	3.59e-04	9.75e-04	-0.08	-2.74e-04	6.23e-04	-4.27e-06
1885	3	3.75e-05	1.50e-04	-1.10e-03	-2.00e-04	4.67e-05	-1.14e-06
1885	4	1.23e-04	3.88e-04	-0.03	-1.14e-04	2.31e-04	-1.83e-06
1886	1	1.03e-04	1.52e-04	0.02	-5.48e-04	6.75e-05	0.0
1886	2	2.17e-04	9.39e-04	-0.08	-2.60e-04	4.81e-04	-2.32e-06
1886	3	3.61e-05	1.40e-04	-1.61e-03	-1.94e-04	5.55e-05	0.0
1886	4	7.00e-05	3.73e-04	-0.03	-1.08e-04	1.78e-04	-1.02e-06
1887	1	1.23e-04	1.44e-04	0.02	-5.23e-04	1.18e-04	0.0
1887	2	5.28e-05	9.23e-04	-0.09	-2.47e-04	3.15e-04	0.0
1887	3	2.94e-05	1.35e-04	-2.17e-03	-1.85e-04	5.79e-05	0.0
1887	4	8.52e-06	3.65e-04	-0.03	-1.04e-04	1.16e-04	0.0
1888	1	1.33e-04	1.44e-04	0.02	-4.90e-04	1.56e-04	0.0
1888	2	-1.29e-04	9.25e-04	-0.09	-2.35e-04	1.31e-04	1.31e-06
1888	3	1.85e-05	1.35e-04	-2.73e-03	-1.75e-04	5.50e-05	0.0
1888	4	-5.93e-05	3.66e-04	-0.03	-9.91e-05	4.76e-05	0.0
1889	1	1.35e-04	1.52e-04	0.01	-4.53e-04	1.81e-04	1.51e-06
1889	2	-3.22e-04	9.46e-04	-0.09	-2.25e-04	-6.58e-05	3.06e-06
1889	3	4.29e-06	1.39e-04	-3.24e-03	-1.63e-04	4.77e-05	0.0
1889	4	-1.31e-04	3.74e-04	-0.03	-9.52e-05	-2.56e-05	1.23e-06
1890	1	1.31e-04	1.67e-04	0.01	-4.13e-04	1.97e-04	2.20e-06
1890	2	-5.21e-04	9.84e-04	-0.09	-2.16e-04	-2.67e-04	4.81e-06
1890	3	-1.23e-05	1.48e-04	-3.67e-03	-1.50e-04	3.71e-05	1.21e-06
1890	4	-2.05e-04	3.90e-04	-0.03	-9.17e-05	-1.01e-04	1.98e-06
1891	1	1.21e-04	1.88e-04	9.95e-03	-3.69e-04	2.05e-04	2.84e-06
1891	2	-7.20e-04	1.04e-03	-0.08	-2.10e-04	-4.67e-04	6.61e-06
1891	3	-3.04e-05	1.61e-04	-3.97e-03	-1.36e-04	2.43e-05	1.62e-06
1891	4	-2.80e-04	4.14e-04	-0.03	-8.89e-05	-1.75e-04	2.74e-06
1892	1	1.08e-04	2.15e-04	7.91e-03	-3.24e-04	2.07e-04	3.43e-06
1892	2	-9.13e-04	1.12e-03	-0.08	-2.05e-04	-6.59e-04	8.48e-06
1892	3	-4.92e-05	1.78e-04	-4.14e-03	-1.22e-04	1.01e-05	2.04e-06
1892	4	-3.52e-04	4.45e-04	-0.03	-8.66e-05	-2.46e-04	3.53e-06
1893	1	9.15e-05	2.49e-04	5.88e-03	-2.78e-04	2.03e-04	3.99e-06
1893	2	-1.09e-03	1.22e-03	-0.07	-2.02e-04	-8.35e-04	1.04e-05
1893	3	-6.81e-05	1.99e-04	-4.17e-03	-1.08e-04	-4.46e-06	2.43e-06
1893	4	-4.19e-04	4.86e-04	-0.03	-8.51e-05	-3.12e-04	4.33e-06
1894	1	7.36e-05	2.88e-04	3.90e-03	-2.32e-04	1.96e-04	4.47e-06
1894	2	-1.26e-03	1.34e-03	-0.06	-2.01e-04	-9.90e-04	1.23e-05
1894	3	-8.62e-05	2.26e-04	-4.05e-03	-9.36e-05	-1.85e-05	2.80e-06
1894	4	-4.80e-04	5.36e-04	-0.02	-8.43e-05	-3.70e-04	5.11e-06
1895	1	5.48e-05	3.34e-04	2.02e-03	-1.86e-04	1.86e-04	4.83e-06
1895	2	-1.40e-03	1.48e-03	-0.05	-2.02e-04	-1.11e-03	1.39e-05
1895	3	-1.03e-04	2.57e-04	-3.81e-03	-7.95e-05	-3.10e-05	3.09e-06
1895	4	-5.33e-04	5.97e-04	-0.02	-8.44e-05	-4.16e-04	5.76e-06
1896	1	3.59e-05	3.86e-04	2.32e-04	-1.39e-04	1.74e-04	4.95e-06
1896	2	-1.50e-03	1.66e-03	-0.04	-2.05e-04	-1.20e-03	1.47e-05
1896	3	-1.17e-04	2.92e-04	-3.45e-03	-6.56e-05	-4.12e-05	3.21e-06
1896	4	-5.73e-04	6.70e-04	-0.02	-8.51e-05	-4.48e-04	6.09e-06
1897	1	1.73e-05	4.43e-04	-1.45e-03	-9.25e-05	1.61e-04	4.52e-06
1897	2	-1.57e-03	1.87e-03	-0.03	-2.10e-04	-1.23e-03	1.37e-05
1897	3	-1.29e-04	3.33e-04	-3.00e-03	-5.15e-05	-4.78e-05	2.96e-06
1897	4	-5.98e-04	7.55e-04	-0.01	-8.62e-05	-4.61e-04	5.67e-06
1898	1	-5.51e-04	4.93e-04	-5.72e-03	-3.59e-04	-6.73e-04	0.0
1898	2	2.58e-04	1.81e-03	-0.04	-3.84e-04	5.61e-04	0.0
1898	3	-1.50e-04	3.41e-04	-5.25e-03	-1.48e-04	-1.57e-04	0.0
1898	4	8.93e-05	7.30e-04	-0.01	-1.56e-04	2.08e-04	0.0
1899	1	-4.00e-04	3.97e-04	1.48e-04	-5.10e-04	-5.18e-04	0.0
1899	2	3.92e-04	1.59e-03	-0.04	-3.51e-04	6.99e-04	0.0
1899	3	-9.67e-05	2.89e-04	-3.98e-03	-1.91e-04	-1.01e-04	0.0
1899	4	1.38e-04	6.44e-04	-0.02	-1.44e-04	2.60e-04	0.0
1900	1	-2.75e-04	3.21e-04	4.58e-03	-6.18e-04	-3.81e-04	0.0
1900	2	4.67e-04	1.42e-03	-0.05	-3.22e-04	7.81e-04	0.0
1900	3	-5.50e-05	2.48e-04	-3.22e-03	-2.21e-04	-5.41e-05	0.0
1900	4	1.65e-04	5.74e-04	-0.02	-1.33e-04	2.90e-04	0.0
1901	1	-1.74e-04	2.62e-04	7.74e-03	-6.91e-04	-2.62e-04	0.0
1901	2	4.86e-04	1.29e-03	-0.06	-2.95e-04	8.07e-04	0.0



1901	3	-2.44e-05	2.14e-04	-2.87e-03	-2.40e-04	-1.72e-05	0.0
1901	4	1.71e-04	5.18e-04	-0.02	-1.23e-04	3.00e-04	0.0
1902	1	-9.43e-05	2.16e-04	9.82e-03	-7.32e-04	-1.62e-04	0.0
1902	2	4.57e-04	1.19e-03	-0.07	-2.68e-04	7.82e-04	0.0
1902	3	-3.64e-06	1.88e-04	-2.85e-03	-2.50e-04	1.05e-05	0.0
1902	4	1.60e-04	4.75e-04	-0.03	-1.13e-04	2.90e-04	0.0
1903	1	-3.25e-05	1.83e-04	0.01	-7.49e-04	-7.90e-05	0.0
1903	2	3.86e-04	1.11e-03	-0.07	-2.44e-04	7.13e-04	0.0
1903	3	8.70e-06	1.69e-04	-3.05e-03	-2.54e-04	2.98e-05	0.0
1903	4	1.33e-04	4.43e-04	-0.03	-1.04e-04	2.64e-04	0.0
1904	1	1.37e-05	1.61e-04	0.01	-7.46e-04	-1.13e-05	0.0
1904	2	2.79e-04	1.06e-03	-0.08	-2.21e-04	6.05e-04	0.0
1904	3	1.38e-05	1.55e-04	-3.41e-03	-2.51e-04	4.16e-05	0.0
1904	4	9.25e-05	4.21e-04	-0.03	-9.54e-05	2.24e-04	0.0
1905	1	4.64e-05	1.48e-04	0.01	-7.26e-04	4.25e-05	0.0
1905	2	1.44e-04	1.03e-03	-0.08	-2.00e-04	4.65e-04	0.0
1905	3	1.29e-05	1.47e-04	-3.85e-03	-2.44e-04	4.68e-05	0.0
1905	4	4.18e-05	4.08e-04	-0.03	-8.78e-05	1.72e-04	0.0
1906	1	6.78e-05	1.44e-04	0.01	-6.95e-04	8.36e-05	0.0
1906	2	-1.39e-05	1.02e-03	-0.09	-1.82e-04	3.01e-04	0.0
1906	3	6.87e-06	1.43e-04	-4.32e-03	-2.33e-04	4.65e-05	0.0
1906	4	-1.73e-05	4.02e-04	-0.03	-8.11e-05	1.11e-04	0.0
1907	1	7.97e-05	1.48e-04	9.65e-03	-6.53e-04	1.14e-04	0.0
1907	2	-1.88e-04	1.03e-03	-0.09	-1.67e-04	1.19e-04	0.0
1907	3	-3.22e-06	1.45e-04	-4.75e-03	-2.19e-04	4.15e-05	0.0
1907	4	-8.27e-05	4.05e-04	-0.03	-7.55e-05	4.29e-05	0.0
1908	1	8.36e-05	1.59e-04	8.42e-03	-6.04e-04	1.34e-04	0.0
1908	2	-3.74e-04	1.05e-03	-0.09	-1.56e-04	-7.53e-05	0.0
1908	3	-1.65e-05	1.50e-04	-5.12e-03	-2.04e-04	3.27e-05	0.0
1908	4	-1.52e-04	4.14e-04	-0.03	-7.12e-05	-2.93e-05	0.0
1909	1	8.12e-05	1.77e-04	7.03e-03	-5.50e-04	1.46e-04	0.0
1909	2	-5.65e-04	1.09e-03	-0.09	-1.49e-04	-2.74e-04	0.0
1909	3	-3.20e-05	1.60e-04	-5.39e-03	-1.87e-04	2.11e-05	0.0
1909	4	-2.23e-04	4.31e-04	-0.03	-6.81e-05	-1.03e-04	0.0
1910	1	7.38e-05	2.01e-04	5.55e-03	-4.91e-04	1.51e-04	0.0
1910	2	-7.55e-04	1.15e-03	-0.09	-1.45e-04	-4.71e-04	0.0
1910	3	-4.90e-05	1.74e-04	-5.54e-03	-1.69e-04	7.63e-06	0.0
1910	4	-2.94e-04	4.55e-04	-0.03	-6.64e-05	-1.77e-04	0.0
1911	1	6.27e-05	2.31e-04	4.06e-03	-4.30e-04	1.51e-04	0.0
1911	2	-9.38e-04	1.22e-03	-0.08	-1.45e-04	-6.60e-04	0.0
1911	3	-6.66e-05	1.92e-04	-5.54e-03	-1.50e-04	-6.90e-06	0.0
1911	4	-3.63e-04	4.86e-04	-0.03	-6.60e-05	-2.47e-04	0.0
1912	1	4.90e-05	2.67e-04	2.58e-03	-3.67e-04	1.47e-04	0.0
1912	2	-1.11e-03	1.32e-03	-0.07	-1.50e-04	-8.34e-04	0.0
1912	3	-8.41e-05	2.15e-04	-5.40e-03	-1.31e-04	-2.16e-05	0.0
1912	4	-4.27e-04	5.27e-04	-0.03	-6.71e-05	-3.12e-04	0.0
1913	1	3.39e-05	3.10e-04	1.17e-03	-3.03e-04	1.39e-04	0.0
1913	2	-1.26e-03	1.44e-03	-0.06	-1.58e-04	-9.86e-04	0.0
1913	3	-1.01e-04	2.42e-04	-5.12e-03	-1.13e-04	-3.55e-05	0.0
1913	4	-4.84e-04	5.76e-04	-0.02	-6.97e-05	-3.69e-04	0.0
1914	1	1.81e-05	3.59e-04	-1.60e-04	-2.40e-04	1.30e-04	0.0
1914	2	-1.39e-03	1.58e-03	-0.05	-1.70e-04	-1.11e-03	0.0
1914	3	-1.16e-04	2.74e-04	-4.70e-03	-9.42e-05	-4.78e-05	0.0
1914	4	-5.32e-04	6.35e-04	-0.02	-7.36e-05	-4.15e-04	0.0
1915	1	2.59e-06	4.15e-04	-1.39e-03	-1.77e-04	1.20e-04	0.0
1915	2	-1.48e-03	1.74e-03	-0.04	-1.87e-04	-1.20e-03	0.0
1915	3	-1.28e-04	3.11e-04	-4.18e-03	-7.63e-05	-5.78e-05	0.0
1915	4	-5.69e-04	7.04e-04	-0.02	-7.91e-05	-4.49e-04	0.0
1916	1	-1.18e-05	4.77e-04	-2.52e-03	-1.18e-04	1.08e-04	0.0
1916	2	-1.55e-03	1.94e-03	-0.03	-2.08e-04	-1.26e-03	0.0
1916	3	-1.38e-04	3.52e-04	-3.57e-03	-5.99e-05	-6.55e-05	0.0
1916	4	-5.92e-04	7.85e-04	-0.01	-8.66e-05	-4.70e-04	0.0
1917	1	-4.93e-04	4.47e-04	-9.24e-03	-3.27e-04	-4.84e-04	-5.60e-06
1917	2	3.03e-04	1.80e-03	-0.04	-3.71e-04	4.96e-04	-6.29e-06
1917	3	-1.30e-04	3.30e-04	-6.70e-03	-1.39e-04	-1.06e-04	-2.45e-06
1917	4	1.06e-04	7.32e-04	-0.02	-1.52e-04	1.84e-04	-2.65e-06
1918	1	-3.68e-04	3.58e-04	-4.95e-03	-4.94e-04	-3.78e-04	-6.07e-06
1918	2	4.37e-04	1.61e-03	-0.05	-3.34e-04	6.55e-04	-9.29e-06
1918	3	-8.39e-05	2.82e-04	-5.87e-03	-1.85e-04	-6.26e-05	-2.97e-06
1918	4	1.54e-04	6.53e-04	-0.02	-1.38e-04	2.43e-04	-3.93e-06
1919	1	-2.64e-04	2.89e-04	-1.69e-03	-6.15e-04	-3.83e-04	-5.45e-06
1919	2	5.01e-04	1.46e-03	-0.05	-2.92e-04	7.43e-04	-9.27e-06
1919	3	-4.90e-05	2.43e-04	-5.43e-03	-2.18e-04	-2.78e-05	-2.83e-06
1919	4	1.77e-04	5.89e-04	-0.02	-1.23e-04	2.76e-04	-3.96e-06
1920	1	-1.77e-04	2.36e-04	6.89e-04	-6.99e-04	-1.99e-04	-4.43e-06
1920	2	5.09e-04	1.33e-03	-0.06	-2.49e-04	7.72e-04	-7.98e-06
1920	3	-2.38e-05	2.12e-04	-5.30e-03	-2.40e-04	-1.08e-06	-2.42e-06



1920	4	1.79e-04	5.38e-04	-0.02	-1.07e-04	2.87e-04	-3.47e-06
1921	1	-1.08e-04	1.96e-04	2.30e-03	-7.51e-04	-1.28e-04	-3.30e-06
1921	2	4.68e-04	1.24e-03	-0.07	-2.06e-04	7.49e-04	-6.23e-06
1921	3	-7.06e-06	1.88e-04	-5.39e-03	-2.53e-04	1.82e-05	-1.90e-06
1921	4	1.64e-04	4.99e-04	-0.03	-9.14e-05	2.78e-04	-2.76e-06
1922	1	-5.39e-05	1.68e-04	3.26e-03	-7.77e-04	-6.88e-05	-2.18e-06
1922	2	3.86e-04	1.18e-03	-0.07	-1.66e-04	6.81e-04	-4.39e-06
1922	3	2.09e-06	1.71e-04	-5.63e-03	-2.58e-04	3.06e-05	-1.35e-06
1922	4	1.32e-04	4.71e-04	-0.03	-7.67e-05	2.53e-04	-2.01e-06
1923	1	-1.33e-05	1.51e-04	3.69e-03	-7.82e-04	-2.03e-05	-1.12e-06
1923	2	2.69e-04	1.14e-03	-0.08	-1.30e-04	5.76e-04	-2.60e-06
1923	3	4.64e-06	1.59e-04	-5.97e-03	-2.57e-04	3.69e-05	0.0
1923	4	8.84e-05	4.51e-04	-0.03	-6.32e-05	2.14e-04	-1.26e-06
1924	1	1.53e-05	1.42e-04	3.70e-03	-7.69e-04	1.80e-05	0.0
1924	2	1.25e-04	1.11e-03	-0.09	-9.74e-05	4.41e-04	0.0
1924	3	1.53e-06	1.53e-04	-6.34e-03	-2.50e-04	3.78e-05	0.0
1924	4	3.41e-05	4.40e-04	-0.03	-5.14e-05	1.63e-04	0.0
1925	1	3.35e-05	1.42e-04	3.37e-03	-7.42e-04	4.68e-05	0.0
1925	2	-4.09e-05	1.11e-03	-0.09	-7.08e-05	2.81e-04	0.0
1925	3	-6.32e-06	1.51e-04	-6.70e-03	-2.40e-04	3.40e-05	0.0
1925	4	-2.84e-05	4.37e-04	-0.03	-4.15e-05	1.03e-04	0.0
1926	1	4.28e-05	1.49e-04	2.80e-03	-7.02e-04	6.71e-05	1.53e-06
1926	2	-2.23e-04	1.12e-03	-0.09	-5.06e-05	1.04e-04	2.12e-06
1926	3	-1.80e-05	1.53e-04	-7.00e-03	-2.27e-04	2.64e-05	0.0
1926	4	-9.68e-05	4.41e-04	-0.04	-3.39e-05	3.72e-05	0.0
1927	1	4.47e-05	1.64e-04	2.07e-03	-6.54e-04	8.00e-05	2.27e-06
1927	2	-4.15e-04	1.15e-03	-0.09	-3.73e-05	-8.49e-05	3.57e-06
1927	3	-3.27e-05	1.60e-04	-7.21e-03	-2.11e-04	1.57e-05	1.05e-06
1927	4	-1.69e-04	4.51e-04	-0.04	-2.88e-05	-3.31e-05	1.43e-06
1928	1	4.07e-05	1.84e-04	1.24e-03	-5.97e-04	8.65e-05	2.95e-06
1928	2	-6.12e-04	1.19e-03	-0.09	-3.15e-05	-2.78e-04	5.00e-06
1928	3	-4.95e-05	1.71e-04	-7.30e-03	-1.94e-04	2.80e-06	1.46e-06
1928	4	-2.43e-04	4.69e-04	-0.03	-2.63e-05	-1.05e-04	2.07e-06
1929	1	3.20e-05	2.11e-04	3.77e-04	-5.36e-04	8.77e-05	3.60e-06
1929	2	-8.08e-04	1.25e-03	-0.09	-3.32e-05	-4.70e-04	6.47e-06
1929	3	-6.76e-05	1.86e-04	-7.26e-03	-1.75e-04	-1.16e-05	1.87e-06
1929	4	-3.16e-04	4.93e-04	-0.03	-2.65e-05	-1.77e-04	2.72e-06
1930	1	1.98e-05	2.44e-04	-4.77e-04	-4.70e-04	8.47e-05	4.21e-06
1930	2	-9.96e-04	1.32e-03	-0.08	-4.26e-05	-6.53e-04	7.97e-06
1930	3	-8.62e-05	2.05e-04	-7.07e-03	-1.56e-04	-2.66e-05	2.28e-06
1930	4	-3.87e-04	5.24e-04	-0.03	-2.94e-05	-2.45e-04	3.39e-06
1931	1	5.42e-06	2.83e-04	-1.28e-03	-4.02e-04	7.85e-05	4.80e-06
1931	2	-1.17e-03	1.41e-03	-0.07	-5.93e-05	-8.21e-04	9.50e-06
1931	3	-1.04e-04	2.28e-04	-6.74e-03	-1.37e-04	-4.13e-05	2.67e-06
1931	4	-4.53e-04	5.63e-04	-0.03	-3.50e-05	-3.08e-04	4.06e-06
1932	1	-1.01e-05	3.29e-04	-2.02e-03	-3.32e-04	7.04e-05	5.33e-06
1932	2	-1.33e-03	1.53e-03	-0.06	-8.30e-05	-9.66e-04	1.09e-05
1932	3	-1.22e-04	2.56e-04	-6.26e-03	-1.17e-04	-5.50e-05	3.03e-06
1932	4	-5.12e-04	6.11e-04	-0.02	-4.31e-05	-3.62e-04	4.69e-06
1933	1	-2.59e-05	3.81e-04	-2.67e-03	-2.62e-04	6.13e-05	5.77e-06
1933	2	-1.46e-03	1.66e-03	-0.05	-1.13e-04	-1.08e-03	1.21e-05
1933	3	-1.37e-04	2.89e-04	-5.65e-03	-9.77e-05	-6.67e-05	3.32e-06
1933	4	-5.62e-04	6.67e-04	-0.02	-5.35e-05	-4.06e-04	5.20e-06
1934	1	-4.11e-05	4.40e-04	-3.23e-03	-1.92e-04	5.23e-05	5.98e-06
1934	2	-1.56e-03	1.81e-03	-0.04	-1.49e-04	-1.16e-03	1.25e-05
1934	3	-1.50e-04	3.26e-04	-4.95e-03	-7.87e-05	-7.55e-05	3.45e-06
1934	4	-5.99e-04	7.33e-04	-0.02	-6.60e-05	-4.35e-04	5.37e-06
1935	1	-5.48e-05	5.07e-04	-3.72e-03	-1.21e-04	4.46e-05	5.65e-06
1935	2	-1.61e-03	1.99e-03	-0.03	-1.90e-04	-1.19e-03	1.12e-05
1935	3	-1.59e-04	3.69e-04	-4.16e-03	-6.00e-05	-8.00e-05	3.20e-06
1935	4	-6.19e-04	8.09e-04	-0.01	-8.02e-05	-4.45e-04	4.84e-06
1936	1	-4.39e-04	4.13e-04	-0.01	-3.11e-04	-3.14e-04	0.0
1936	2	1.83e-04	1.79e-03	-0.04	-3.72e-04	4.79e-04	0.0
1936	3	-1.23e-04	3.22e-04	-8.08e-03	-1.35e-04	-5.69e-05	0.0
1936	4	6.10e-05	7.30e-04	-0.02	-1.53e-04	1.78e-04	0.0
1937	1	-3.46e-04	3.29e-04	-9.69e-03	-4.44e-04	-2.46e-04	0.0
1937	2	3.06e-04	1.62e-03	-0.05	-3.10e-04	6.11e-04	0.0
1937	3	-8.73e-05	2.76e-04	-7.67e-03	-1.70e-04	-2.65e-05	0.0
1937	4	1.06e-04	6.58e-04	-0.02	-1.30e-04	2.27e-04	0.0
1938	1	-2.65e-04	2.64e-04	-7.57e-03	-5.49e-04	-1.85e-04	0.0
1938	2	3.71e-04	1.48e-03	-0.06	-2.45e-04	6.91e-04	0.0
1938	3	-5.92e-05	2.40e-04	-7.54e-03	-1.97e-04	-2.52e-06	0.0
1938	4	1.29e-04	6.00e-04	-0.02	-1.06e-04	2.57e-04	0.0
1939	1	-1.97e-04	2.14e-04	-6.01e-03	-6.27e-04	-1.32e-04	0.0
1939	2	3.82e-04	1.37e-03	-0.06	-1.79e-04	7.17e-04	0.0
1939	3	-3.89e-05	2.11e-04	-7.60e-03	-2.15e-04	1.51e-05	0.0
1939	4	1.33e-04	5.54e-04	-0.02	-8.21e-05	2.67e-04	0.0



1940	1	-1.40e-04	1.78e-04	-4.93e-03	-6.79e-04	-8.73e-05	0.0
1940	2	3.47e-04	1.30e-03	-0.07	-1.12e-04	6.95e-04	0.0
1940	3	-2.58e-05	1.89e-04	-7.81e-03	-2.26e-04	2.66e-05	0.0
1940	4	1.19e-04	5.20e-04	-0.03	-5.78e-05	2.59e-04	0.0
1941	1	-9.62e-05	1.54e-04	-4.26e-03	-7.09e-04	-5.05e-05	0.0
1941	2	2.72e-04	1.24e-03	-0.08	-4.89e-05	6.32e-04	0.0
1941	3	-1.91e-05	1.73e-04	-8.11e-03	-2.30e-04	3.25e-05	0.0
1941	4	8.99e-05	4.95e-04	-0.03	-3.46e-05	2.35e-04	0.0
1942	1	-6.27e-05	1.41e-04	-3.91e-03	-7.20e-04	-2.14e-05	0.0
1942	2	1.64e-04	1.21e-03	-0.08	9.18e-06	5.32e-04	0.0
1942	3	-1.82e-05	1.63e-04	-8.44e-03	-2.29e-04	3.34e-05	0.0
1942	4	4.91e-05	4.79e-04	-0.03	-1.34e-05	1.97e-04	0.0
1943	1	-3.90e-05	1.36e-04	-3.81e-03	-7.14e-04	0.0	0.0
1943	2	3.06e-05	1.19e-03	-0.09	5.95e-05	4.03e-04	0.0
1943	3	-2.23e-05	1.58e-04	-8.76e-03	-2.24e-04	2.99e-05	0.0
1943	4	-1.64e-06	4.70e-04	-0.03	5.11e-06	1.49e-04	0.0
1944	1	-2.41e-05	1.39e-04	-3.90e-03	-6.93e-04	1.59e-05	0.0
1944	2	-1.24e-04	1.19e-03	-0.09	1.00e-04	2.52e-04	0.0
1944	3	-3.05e-05	1.57e-04	-9.02e-03	-2.15e-04	2.27e-05	0.0
1944	4	-6.01e-05	4.69e-04	-0.03	2.01e-05	9.25e-05	0.0
1945	1	-1.67e-05	1.49e-04	-4.11e-03	-6.60e-04	2.52e-05	0.0
1945	2	-2.93e-04	1.21e-03	-0.09	1.30e-04	8.36e-05	0.0
1945	3	-4.22e-05	1.61e-04	-9.19e-03	-2.03e-04	1.24e-05	0.0
1945	4	-1.24e-04	4.74e-04	-0.04	3.11e-05	2.96e-05	0.0
1946	1	-1.57e-05	1.67e-04	-4.38e-03	-6.18e-04	2.93e-05	0.0
1946	2	-4.72e-04	1.24e-03	-0.09	1.46e-04	-9.50e-05	0.0
1946	3	-5.65e-05	1.68e-04	-9.26e-03	-1.89e-04	0.0	0.0
1946	4	-1.92e-04	4.85e-04	-0.04	3.75e-05	-3.72e-05	0.0
1947	1	-1.97e-05	1.90e-04	-4.67e-03	-5.68e-04	2.90e-05	0.0
1947	2	-6.54e-04	1.28e-03	-0.09	1.50e-04	-2.78e-04	0.0
1947	3	-7.26e-05	1.80e-04	-9.18e-03	-1.73e-04	-1.46e-05	0.0
1947	4	-2.61e-04	5.03e-04	-0.03	3.93e-05	-1.06e-04	0.0
1948	1	-2.78e-05	2.19e-04	-4.94e-03	-5.11e-04	2.50e-05	0.0
1948	2	-8.35e-04	1.34e-03	-0.09	1.40e-04	-4.59e-04	0.0
1948	3	-8.97e-05	1.96e-04	-8.96e-03	-1.57e-04	-2.99e-05	0.0
1948	4	-3.29e-04	5.27e-04	-0.03	3.61e-05	-1.73e-04	0.0
1949	1	-3.87e-05	2.55e-04	-5.16e-03	-4.51e-04	1.83e-05	0.0
1949	2	-1.01e-03	1.41e-03	-0.08	1.17e-04	-6.32e-04	0.0
1949	3	-1.07e-04	2.16e-04	-8.59e-03	-1.40e-04	-4.53e-05	0.0
1949	4	-3.94e-04	5.58e-04	-0.03	2.82e-05	-2.38e-04	0.0
1950	1	-5.14e-05	2.96e-04	-5.30e-03	-3.87e-04	9.90e-06	0.0
1950	2	-1.17e-03	1.50e-03	-0.07	8.15e-05	-7.90e-04	0.0
1950	3	-1.24e-04	2.40e-04	-8.07e-03	-1.23e-04	-6.02e-05	0.0
1950	4	-4.55e-04	5.96e-04	-0.03	1.57e-05	-2.97e-04	0.0
1951	1	-6.46e-05	3.45e-04	-5.35e-03	-3.21e-04	0.0	0.0
1951	2	-1.31e-03	1.60e-03	-0.07	3.43e-05	-9.28e-04	0.0
1951	3	-1.40e-04	2.68e-04	-7.41e-03	-1.06e-04	-7.36e-05	0.0
1951	4	-5.09e-04	6.41e-04	-0.03	0.0	-3.49e-04	0.0
1952	1	-7.76e-05	4.00e-04	-5.31e-03	-2.55e-04	-8.35e-06	0.0
1952	2	-1.43e-03	1.73e-03	-0.06	-2.31e-05	-1.04e-03	0.0
1952	3	-1.53e-04	3.02e-04	-6.62e-03	-8.99e-05	-8.50e-05	0.0
1952	4	-5.53e-04	6.95e-04	-0.02	-2.12e-05	-3.90e-04	0.0
1953	1	-8.94e-05	4.62e-04	-5.18e-03	-1.90e-04	-1.66e-05	0.0
1953	2	-1.51e-03	1.87e-03	-0.04	-8.90e-05	-1.12e-03	0.0
1953	3	-1.64e-04	3.40e-04	-5.73e-03	-7.46e-05	-9.37e-05	0.0
1953	4	-5.85e-04	7.57e-04	-0.02	-4.47e-05	-4.20e-04	0.0
1954	1	-9.95e-05	5.33e-04	-4.98e-03	-1.28e-04	-2.39e-05	0.0
1954	2	-1.56e-03	2.04e-03	-0.03	-1.62e-04	-1.17e-03	0.0
1954	3	-1.72e-04	3.83e-04	-4.78e-03	-6.07e-05	-9.94e-05	0.0
1954	4	-6.05e-04	8.29e-04	-0.01	-7.07e-05	-4.38e-04	0.0
1955	1	-3.58e-04	3.93e-04	-0.02	-2.47e-04	-1.82e-04	-6.41e-06
1955	2	2.07e-04	1.77e-03	-0.05	-3.51e-04	3.84e-04	-4.23e-06
1955	3	-9.72e-05	3.17e-04	-9.34e-03	-1.15e-04	-2.46e-05	-2.58e-06
1955	4	7.01e-05	7.24e-04	-0.02	-1.46e-04	1.43e-04	-1.94e-06
1956	1	-2.92e-04	3.10e-04	-0.01	-3.54e-04	-1.39e-04	-6.16e-06
1956	2	3.20e-04	1.61e-03	-0.05	-2.73e-04	5.28e-04	-6.38e-06
1956	3	-6.96e-05	2.73e-04	-9.23e-03	-1.41e-04	0.0	-2.85e-06
1956	4	1.12e-04	6.59e-04	-0.02	-1.17e-04	1.97e-04	-2.91e-06
1957	1	-2.34e-04	2.46e-04	-0.01	-4.36e-04	-1.02e-04	-5.19e-06
1957	2	3.69e-04	1.49e-03	-0.06	-1.81e-04	6.07e-04	-6.20e-06
1957	3	-4.95e-05	2.38e-04	-9.31e-03	-1.59e-04	1.61e-05	-2.59e-06
1957	4	1.29e-04	6.08e-04	-0.02	-8.36e-05	2.26e-04	-2.89e-06
1958	1	-1.85e-04	1.99e-04	-0.01	-4.98e-04	-7.26e-05	-3.99e-06
1958	2	3.66e-04	1.40e-03	-0.06	-8.27e-05	6.33e-04	-5.05e-06
1958	3	-3.58e-05	2.10e-04	-9.53e-03	-1.71e-04	2.69e-05	-2.13e-06
1958	4	1.27e-04	5.67e-04	-0.02	-4.76e-05	2.36e-04	-2.44e-06
1959	1	-1.44e-04	1.65e-04	-0.01	-5.41e-04	-4.90e-05	-2.78e-06



1959	2	3.19e-04	1.34e-03	-0.07	1.72e-05	6.13e-04	-3.58e-06
1959	3	-2.82e-05	1.90e-04	-9.83e-03	-1.76e-04	3.23e-05	-1.60e-06
1959	4	1.09e-04	5.37e-04	-0.03	-1.11e-05	2.28e-04	-1.83e-06
1960	1	-1.12e-04	1.43e-04	-0.01	-5.66e-04	-3.11e-05	-1.64e-06
1960	2	2.36e-04	1.29e-03	-0.08	1.14e-04	5.54e-04	-2.07e-06
1960	3	-2.62e-05	1.75e-04	-0.01	-1.77e-04	3.29e-05	-1.06e-06
1960	4	7.70e-05	5.16e-04	-0.03	2.43e-05	2.06e-04	-1.19e-06
1961	1	-8.91e-05	1.32e-04	-0.01	-5.77e-04	-1.86e-05	0.0
1961	2	1.22e-04	1.27e-03	-0.08	2.02e-04	4.63e-04	0.0
1961	3	-2.90e-05	1.66e-04	-0.01	-1.74e-04	2.94e-05	0.0
1961	4	3.36e-05	5.03e-04	-0.03	5.67e-05	1.72e-04	0.0
1962	1	-7.36e-05	1.30e-04	-0.01	-5.74e-04	-1.10e-05	0.0
1962	2	-1.54e-05	1.26e-03	-0.08	2.79e-04	3.46e-04	0.0
1962	3	-3.61e-05	1.62e-04	-0.01	-1.68e-04	2.24e-05	0.0
1962	4	-1.89e-05	4.97e-04	-0.03	8.48e-05	1.28e-04	0.0
1963	1	-6.51e-05	1.36e-04	-0.01	-5.59e-04	-7.91e-06	1.18e-06
1963	2	-1.72e-04	1.27e-03	-0.09	3.40e-04	2.08e-04	1.81e-06
1963	3	-4.69e-05	1.63e-04	-0.01	-1.59e-04	1.24e-05	0.0
1963	4	-7.85e-05	4.97e-04	-0.03	1.07e-04	7.63e-05	0.0
1964	1	-6.28e-05	1.49e-04	-0.01	-5.34e-04	-8.72e-06	1.93e-06
1964	2	-3.42e-04	1.28e-03	-0.09	3.83e-04	5.55e-05	2.89e-06
1964	3	-6.06e-05	1.67e-04	-0.01	-1.49e-04	0.0	0.0
1964	4	-1.43e-04	5.04e-04	-0.03	1.23e-04	1.91e-05	1.07e-06
1965	1	-6.58e-05	1.69e-04	-0.01	-5.02e-04	-1.29e-05	2.62e-06
1965	2	-5.20e-04	1.32e-03	-0.09	4.05e-04	-1.06e-04	3.91e-06
1965	3	-7.66e-05	1.76e-04	-0.01	-1.37e-04	-1.40e-05	1.18e-06
1965	4	-2.11e-04	5.16e-04	-0.03	1.32e-04	-4.16e-05	1.57e-06
1966	1	-7.30e-05	1.94e-04	-9.87e-03	-4.63e-04	-1.98e-05	3.27e-06
1966	2	-7.01e-04	1.36e-03	-0.09	4.06e-04	-2.71e-04	4.92e-06
1966	3	-9.41e-05	1.88e-04	-0.01	-1.25e-04	-2.91e-05	1.57e-06
1966	4	-2.80e-04	5.34e-04	-0.03	1.32e-04	-1.04e-04	2.05e-06
1967	1	-8.36e-05	2.26e-04	-9.63e-03	-4.19e-04	-2.87e-05	3.89e-06
1967	2	-8.80e-04	1.42e-03	-0.08	3.85e-04	-4.34e-04	5.94e-06
1967	3	-1.12e-04	2.05e-04	-0.01	-1.13e-04	-4.46e-05	1.94e-06
1967	4	-3.48e-04	5.58e-04	-0.03	1.25e-04	-1.65e-04	2.55e-06
1968	1	-9.64e-05	2.63e-04	-9.29e-03	-3.71e-04	-3.89e-05	4.49e-06
1968	2	-1.05e-03	1.49e-03	-0.08	3.42e-04	-5.90e-04	6.99e-06
1968	3	-1.31e-04	2.25e-04	-9.80e-03	-1.01e-04	-6.00e-05	2.32e-06
1968	4	-4.14e-04	5.88e-04	-0.03	1.10e-04	-2.23e-04	3.06e-06
1969	1	-1.10e-04	3.07e-04	-8.85e-03	-3.21e-04	-4.96e-05	5.09e-06
1969	2	-1.21e-03	1.57e-03	-0.07	2.79e-04	-7.33e-04	8.06e-06
1969	3	-1.48e-04	2.50e-04	-9.13e-03	-9.01e-05	-7.45e-05	2.69e-06
1969	4	-4.75e-04	6.24e-04	-0.03	8.77e-05	-2.77e-04	3.57e-06
1970	1	-1.25e-04	3.57e-04	-8.31e-03	-2.69e-04	-5.99e-05	5.67e-06
1970	2	-1.35e-03	1.67e-03	-0.06	1.98e-04	-8.56e-04	9.09e-06
1970	3	-1.65e-04	2.78e-04	-8.33e-03	-7.98e-05	-8.72e-05	3.05e-06
1970	4	-5.28e-04	6.67e-04	-0.02	5.87e-05	-3.23e-04	4.06e-06
1971	1	-1.38e-04	4.14e-04	-7.67e-03	-2.17e-04	-6.88e-05	6.19e-06
1971	2	-1.47e-03	1.79e-03	-0.05	1.02e-04	-9.53e-04	9.90e-06
1971	3	-1.78e-04	3.12e-04	-7.41e-03	-7.03e-05	-9.75e-05	3.36e-06
1971	4	-5.73e-04	7.18e-04	-0.02	2.41e-05	-3.60e-04	4.45e-06
1972	1	-1.49e-04	4.79e-04	-6.95e-03	-1.64e-04	-7.50e-05	6.56e-06
1972	2	-1.55e-03	1.92e-03	-0.05	-6.73e-06	-1.01e-03	1.01e-05
1972	3	-1.89e-04	3.50e-04	-6.41e-03	-6.16e-05	-1.04e-04	3.54e-06
1972	4	-6.05e-04	7.77e-04	-0.02	-1.49e-05	-3.83e-04	4.59e-06
1973	1	-1.58e-04	5.53e-04	-6.18e-03	-1.12e-04	-7.69e-05	6.51e-06
1973	2	-1.60e-03	2.07e-03	-0.03	-1.25e-04	-1.03e-03	9.10e-06
1973	3	-1.96e-04	3.94e-04	-5.34e-03	-5.36e-05	-1.06e-04	3.42e-06
1973	4	-6.22e-04	8.44e-04	-0.01	-5.76e-05	-3.88e-04	4.19e-06
1974	1	-2.88e-04	3.82e-04	-0.02	-2.10e-04	-8.63e-05	0.0
1974	2	8.05e-05	1.74e-03	-0.05	-3.41e-04	3.29e-04	0.0
1974	3	-8.57e-05	3.15e-04	-0.01	-1.04e-04	0.0	0.0
1974	4	2.35e-05	7.17e-04	-0.02	-1.43e-04	1.23e-04	0.0
1975	1	-2.45e-04	3.00e-04	-0.02	-2.70e-04	-6.23e-05	0.0
1975	2	1.74e-04	1.61e-03	-0.05	-2.34e-04	4.32e-04	0.0
1975	3	-6.62e-05	2.72e-04	-0.01	-1.14e-04	1.51e-05	0.0
1975	4	5.82e-05	6.59e-04	-0.02	-1.04e-04	1.62e-04	0.0
1976	1	-2.07e-04	2.36e-04	-0.02	-3.19e-04	-4.37e-05	0.0
1976	2	2.19e-04	1.51e-03	-0.06	-1.09e-04	4.93e-04	0.0
1976	3	-5.19e-05	2.37e-04	-0.01	-1.20e-04	2.55e-05	0.0
1976	4	7.43e-05	6.13e-04	-0.02	-5.76e-05	1.85e-04	0.0
1977	1	-1.75e-04	1.89e-04	-0.02	-3.57e-04	-3.01e-05	0.0
1977	2	2.17e-04	1.43e-03	-0.06	2.81e-05	5.12e-04	0.0
1977	3	-4.31e-05	2.11e-04	-0.01	-1.21e-04	3.10e-05	0.0
1977	4	7.31e-05	5.78e-04	-0.03	-7.44e-06	1.92e-04	0.0
1978	1	-1.49e-04	1.56e-04	-0.02	-3.82e-04	-2.14e-05	0.0
1978	2	1.76e-04	1.38e-03	-0.07	1.68e-04	4.93e-04	0.0



1978	3	-3.95e-05	1.91e-04	-0.01	-1.19e-04	3.20e-05	0.0
1978	4	5.70e-05	5.52e-04	-0.03	4.38e-05	1.84e-04	0.0
1979	1	-1.30e-04	1.36e-04	-0.02	-3.96e-04	-1.71e-05	0.0
1979	2	1.02e-04	1.34e-03	-0.07	3.03e-04	4.41e-04	0.0
1979	3	-4.06e-05	1.78e-04	-0.01	-1.14e-04	2.90e-05	0.0
1979	4	2.81e-05	5.34e-04	-0.03	9.33e-05	1.65e-04	0.0
1980	1	-1.17e-04	1.27e-04	-0.02	-4.00e-04	-1.67e-05	0.0
1980	2	0.0	1.32e-03	-0.08	4.26e-04	3.62e-04	0.0
1980	3	-4.60e-05	1.70e-04	-0.01	-1.06e-04	2.28e-05	0.0
1980	4	-1.13e-05	5.24e-04	-0.03	1.39e-04	1.35e-04	0.0
1981	1	-1.10e-04	1.27e-04	-0.02	-3.95e-04	-1.96e-05	0.0
1981	2	-1.24e-04	1.32e-03	-0.08	5.32e-04	2.62e-04	0.0
1981	3	-5.51e-05	1.66e-04	-0.01	-9.70e-05	1.38e-05	0.0
1981	4	-5.93e-05	5.20e-04	-0.03	1.78e-04	9.71e-05	0.0
1982	1	-1.08e-04	1.35e-04	-0.01	-3.83e-04	-2.53e-05	0.0
1982	2	-2.66e-04	1.33e-03	-0.08	6.16e-04	1.45e-04	0.0
1982	3	-6.73e-05	1.68e-04	-0.01	-8.73e-05	2.55e-06	0.0
1982	4	-1.14e-04	5.22e-04	-0.03	2.09e-04	5.30e-05	0.0
1983	1	-1.11e-04	1.50e-04	-0.01	-3.65e-04	-3.35e-05	0.0
1983	2	-4.19e-04	1.35e-03	-0.08	6.74e-04	1.66e-05	0.0
1983	3	-8.19e-05	1.73e-04	-0.01	-7.75e-05	-1.03e-05	0.0
1983	4	-1.73e-04	5.29e-04	-0.03	2.30e-04	4.51e-06	0.0
1984	1	-1.18e-04	1.71e-04	-0.01	-3.42e-04	-4.35e-05	0.0
1984	2	-5.80e-04	1.38e-03	-0.08	7.02e-04	-1.19e-04	0.0
1984	3	-9.84e-05	1.83e-04	-0.01	-6.84e-05	-2.43e-05	0.0
1984	4	-2.35e-04	5.42e-04	-0.03	2.41e-04	-4.67e-05	0.0
1985	1	-1.29e-04	1.98e-04	-0.01	-3.16e-04	-5.50e-05	0.0
1985	2	-7.43e-04	1.43e-03	-0.08	7.00e-04	-2.57e-04	0.0
1985	3	-1.16e-04	1.96e-04	-0.01	-6.02e-05	-3.90e-05	0.0
1985	4	-2.98e-04	5.60e-04	-0.03	2.41e-04	-9.88e-05	0.0
1986	1	-1.41e-04	2.31e-04	-0.01	-2.87e-04	-6.73e-05	0.0
1986	2	-9.05e-04	1.48e-03	-0.08	6.67e-04	-3.93e-04	0.0
1986	3	-1.34e-04	2.13e-04	-0.01	-5.35e-05	-5.37e-05	0.0
1986	4	-3.60e-04	5.84e-04	-0.03	2.29e-04	-1.50e-04	0.0
1987	1	-1.55e-04	2.70e-04	-0.01	-2.56e-04	-7.98e-05	0.0
1987	2	-1.06e-03	1.55e-03	-0.07	6.02e-04	-5.23e-04	0.0
1987	3	-1.52e-04	2.33e-04	-0.01	-4.83e-05	-6.80e-05	0.0
1987	4	-4.20e-04	6.13e-04	-0.03	2.06e-04	-1.99e-04	0.0
1988	1	-1.69e-04	3.15e-04	-0.01	-2.24e-04	-9.20e-05	0.0
1988	2	-1.20e-03	1.63e-03	-0.07	5.09e-04	-6.42e-04	0.0
1988	3	-1.69e-04	2.58e-04	-9.83e-03	-4.49e-05	-8.13e-05	0.0
1988	4	-4.75e-04	6.48e-04	-0.03	1.72e-04	-2.44e-04	0.0
1989	1	-1.83e-04	3.67e-04	-0.01	-1.92e-04	-1.03e-04	0.0
1989	2	-1.33e-03	1.72e-03	-0.06	3.90e-04	-7.46e-04	0.0
1989	3	-1.84e-04	2.87e-04	-8.97e-03	-4.31e-05	-9.30e-05	0.0
1989	4	-5.23e-04	6.89e-04	-0.02	1.29e-04	-2.83e-04	0.0
1990	1	-1.96e-04	4.26e-04	-9.59e-03	-1.60e-04	-1.12e-04	0.0
1990	2	-1.43e-03	1.83e-03	-0.05	2.50e-04	-8.29e-04	0.0
1990	3	-1.97e-04	3.20e-04	-8.00e-03	-4.28e-05	-1.02e-04	0.0
1990	4	-5.62e-04	7.37e-04	-0.02	7.86e-05	-3.15e-04	0.0
1991	1	-2.05e-04	4.93e-04	-8.44e-03	-1.28e-04	-1.19e-04	0.0
1991	2	-1.50e-03	1.96e-03	-0.04	9.46e-05	-8.88e-04	0.0
1991	3	-2.07e-04	3.59e-04	-6.95e-03	-4.40e-05	-1.09e-04	0.0
1991	4	-5.90e-04	7.92e-04	-0.02	2.21e-05	-3.37e-04	0.0
1992	1	-2.13e-04	5.69e-04	-7.24e-03	-9.92e-05	-1.22e-04	0.0
1992	2	-1.54e-03	2.10e-03	-0.04	-6.85e-05	-9.22e-04	0.0
1992	3	-2.13e-04	4.03e-04	-5.85e-03	-4.64e-05	-1.13e-04	0.0
1992	4	-6.07e-04	8.56e-04	-0.01	-3.73e-05	-3.50e-04	0.0
1993	1	-2.08e-04	3.78e-04	-0.02	-1.68e-04	-4.03e-05	-6.96e-06
1993	2	7.65e-05	1.72e-03	-0.05	-3.22e-04	2.00e-04	-2.91e-06
1993	3	-6.10e-05	3.13e-04	-0.01	-9.08e-05	3.89e-06	-2.71e-06
1993	4	2.32e-05	7.10e-04	-0.02	-1.36e-04	7.52e-05	-1.51e-06
1994	1	-1.82e-04	2.96e-04	-0.02	-1.99e-04	-2.41e-05	-6.23e-06
1994	2	1.51e-04	1.60e-03	-0.06	-1.90e-04	2.92e-04	-4.05e-06
1994	3	-4.74e-05	2.71e-04	-0.01	-9.08e-05	1.63e-05	-2.76e-06
1994	4	5.16e-05	6.58e-04	-0.02	-8.83e-05	1.10e-04	-2.11e-06
1995	1	-1.62e-04	2.32e-04	-0.02	-2.18e-04	-1.50e-05	-4.99e-06
1995	2	1.77e-04	1.51e-03	-0.06	-3.00e-05	3.40e-04	-3.51e-06
1995	3	-3.95e-05	2.38e-04	-0.01	-8.49e-05	2.30e-05	-2.38e-06
1995	4	6.11e-05	6.17e-04	-0.02	-2.92e-05	1.28e-04	-1.94e-06
1996	1	-1.47e-04	1.85e-04	-0.02	-2.27e-04	-1.12e-05	-3.64e-06
1996	2	1.62e-04	1.45e-03	-0.06	1.45e-04	3.51e-04	-2.38e-06
1996	3	-3.67e-05	2.12e-04	-0.01	-7.50e-05	2.51e-05	-1.86e-06
1996	4	5.50e-05	5.86e-04	-0.03	3.52e-05	1.33e-04	-1.48e-06
1997	1	-1.37e-04	1.53e-04	-0.02	-2.30e-04	-1.15e-05	-2.36e-06
1997	2	1.13e-04	1.41e-03	-0.07	3.22e-04	3.34e-04	-1.13e-06
1997	3	-3.84e-05	1.93e-04	-0.01	-6.28e-05	2.35e-05	-1.31e-06



1997	4	3.56e-05	5.64e-04	-0.03	1.01e-04	1.26e-04	0.0
1998	1	-1.32e-04	1.33e-04	-0.02	-2.27e-04	-1.52e-05	-1.21e-06
1998	2	3.38e-05	1.38e-03	-0.07	4.91e-04	2.92e-04	0.0
1998	3	-4.43e-05	1.80e-04	-0.01	-4.93e-05	1.89e-05	0.0
1998	4	4.75e-06	5.49e-04	-0.03	1.63e-04	1.10e-04	0.0
1999	1	-1.31e-04	1.25e-04	-0.02	-2.19e-04	-2.15e-05	0.0
1999	2	-6.93e-05	1.37e-03	-0.07	6.44e-04	2.31e-04	1.11e-06
1999	3	-5.38e-05	1.73e-04	-0.01	-3.57e-05	1.18e-05	0.0
1999	4	-3.56e-05	5.41e-04	-0.03	2.20e-04	8.65e-05	0.0
2000	1	-1.34e-04	1.26e-04	-0.02	-2.08e-04	-2.99e-05	0.0
2000	2	-1.92e-04	1.37e-03	-0.07	7.74e-04	1.54e-04	2.02e-06
2000	3	-6.65e-05	1.71e-04	-0.01	-2.27e-05	2.74e-06	0.0
2000	4	-8.37e-05	5.39e-04	-0.03	2.68e-04	5.71e-05	0.0
2001	1	-1.41e-04	1.35e-04	-0.02	-1.94e-04	-4.00e-05	1.45e-06
2001	2	-3.30e-04	1.38e-03	-0.08	8.76e-04	6.51e-05	2.80e-06
2001	3	-8.17e-05	1.73e-04	-0.01	-1.10e-05	-7.81e-06	0.0
2001	4	-1.38e-04	5.43e-04	-0.03	3.06e-04	2.33e-05	0.0
2002	1	-1.51e-04	1.51e-04	-0.02	-1.79e-04	-5.14e-05	2.12e-06
2002	2	-4.79e-04	1.41e-03	-0.08	9.44e-04	-3.15e-05	3.48e-06
2002	3	-9.90e-05	1.79e-04	-0.01	-1.33e-06	-1.94e-05	0.0
2002	4	-1.96e-04	5.51e-04	-0.03	3.32e-04	-1.35e-05	1.30e-06
2003	1	-1.64e-04	1.74e-04	-0.02	-1.64e-04	-6.37e-05	2.73e-06
2003	2	-6.34e-04	1.44e-03	-0.07	9.77e-04	-1.33e-04	4.10e-06
2003	3	-1.18e-04	1.89e-04	-0.01	5.96e-06	-3.17e-05	1.23e-06
2003	4	-2.57e-04	5.65e-04	-0.03	3.44e-04	-5.22e-05	1.64e-06
2004	1	-1.80e-04	2.02e-04	-0.02	-1.49e-04	-7.65e-05	3.30e-06
2004	2	-7.91e-04	1.49e-03	-0.07	9.72e-04	-2.36e-04	4.70e-06
2004	3	-1.37e-04	2.02e-04	-0.01	1.05e-05	-4.43e-05	1.56e-06
2004	4	-3.19e-04	5.83e-04	-0.03	3.43e-04	-9.14e-05	1.98e-06
2005	1	-1.97e-04	2.37e-04	-0.02	-1.35e-04	-8.94e-05	3.85e-06
2005	2	-9.46e-04	1.54e-03	-0.07	9.29e-04	-3.36e-04	5.30e-06
2005	3	-1.57e-04	2.19e-04	-0.01	1.20e-05	-5.67e-05	1.89e-06
2005	4	-3.79e-04	6.06e-04	-0.03	3.27e-04	-1.30e-04	2.32e-06
2006	1	-2.14e-04	2.77e-04	-0.01	-1.22e-04	-1.02e-04	4.40e-06
2006	2	-1.09e-03	1.60e-03	-0.07	8.48e-04	-4.32e-04	5.93e-06
2006	3	-1.77e-04	2.40e-04	-0.01	1.04e-05	-6.86e-05	2.22e-06
2006	4	-4.37e-04	6.34e-04	-0.03	2.98e-04	-2.67e-04	2.67e-06
2007	1	-2.32e-04	3.22e-04	-0.01	-1.11e-04	-1.14e-04	4.97e-06
2007	2	-1.23e-03	1.68e-03	-0.06	7.30e-04	-5.19e-04	6.60e-06
2007	3	-1.95e-04	2.65e-04	-0.01	5.76e-06	-7.95e-05	2.56e-06
2007	4	-4.91e-04	6.67e-04	-0.02	2.55e-04	-2.00e-04	3.05e-06
2008	1	-2.48e-04	3.75e-04	-0.01	-1.01e-04	-1.24e-04	5.56e-06
2008	2	-1.35e-03	1.77e-03	-0.06	5.78e-04	-5.94e-04	7.30e-06
2008	3	-2.11e-04	2.93e-04	-9.18e-03	-1.81e-06	-8.89e-05	2.91e-06
2008	4	-5.38e-04	7.06e-04	-0.02	2.00e-04	-2.28e-04	3.43e-06
2009	1	-2.63e-04	4.35e-04	-0.01	-9.31e-05	-1.32e-04	6.17e-06
2009	2	-1.45e-03	1.87e-03	-0.05	3.97e-04	-6.52e-04	7.97e-06
2009	3	-2.25e-04	3.27e-04	-8.26e-03	-1.20e-05	-9.62e-05	3.25e-06
2009	4	-5.78e-04	7.51e-04	-0.02	1.33e-04	-2.50e-04	3.79e-06
2010	1	-2.75e-04	5.03e-04	-9.49e-03	-8.56e-05	-1.36e-04	6.78e-06
2010	2	-1.53e-03	1.98e-03	-0.04	1.90e-04	-6.87e-04	8.47e-06
2010	3	-2.36e-04	3.65e-04	-7.28e-03	-2.41e-05	-1.00e-04	3.56e-06
2010	4	-6.07e-04	8.04e-04	-0.02	5.76e-05	-2.64e-04	4.06e-06
2011	1	-2.81e-04	5.81e-04	-8.12e-03	-7.74e-05	-1.35e-04	7.25e-06
2011	2	-1.57e-03	2.12e-03	-0.04	-3.49e-05	-6.91e-04	8.66e-06
2011	3	-2.42e-04	4.09e-04	-6.26e-03	-3.73e-05	-1.00e-04	3.75e-06
2011	4	-6.23e-04	8.65e-04	-0.01	-2.47e-05	-2.65e-04	4.17e-06
2012	1	-1.48e-04	3.77e-04	-0.02	-1.43e-04	-1.34e-05	0.0
2012	2	-1.95e-05	1.70e-03	-0.06	-3.26e-04	1.07e-04	0.0
2012	3	-4.92e-05	3.13e-04	-0.01	-8.49e-05	5.41e-06	0.0
2012	4	-1.10e-05	7.03e-04	-0.02	-1.39e-04	4.12e-05	0.0
2013	1	-1.36e-04	2.95e-04	-0.02	-1.41e-04	-1.35e-05	0.0
2013	2	4.01e-05	1.59e-03	-0.06	-1.85e-04	1.37e-04	0.0
2013	3	-3.94e-05	2.72e-04	-0.01	-7.34e-05	8.10e-06	0.0
2013	4	1.28e-05	6.56e-04	-0.02	-8.65e-05	5.28e-05	0.0
2014	1	-1.28e-04	2.31e-04	-0.02	-1.31e-04	-1.48e-05	0.0
2014	2	6.24e-05	1.52e-03	-0.06	-1.22e-05	1.57e-04	0.0
2014	3	-3.47e-05	2.39e-04	-0.01	-5.73e-05	9.47e-06	0.0
2014	4	2.17e-05	6.20e-04	-0.02	-2.21e-05	6.04e-05	0.0
2015	1	-1.25e-04	1.85e-04	-0.02	-1.17e-04	-1.74e-05	0.0
2015	2	4.90e-05	1.46e-03	-0.06	1.76e-04	1.60e-04	0.0
2015	3	-3.52e-05	2.14e-04	-0.01	-3.87e-05	8.97e-06	0.0
2015	4	1.64e-05	5.93e-04	-0.02	4.78e-05	6.16e-05	0.0
2016	1	-1.26e-04	1.53e-04	-0.02	-9.94e-05	-2.19e-05	0.0
2016	2	4.05e-06	1.43e-03	-0.06	3.64e-04	1.47e-04	0.0
2016	3	-4.02e-05	1.96e-04	-0.01	-1.91e-05	6.38e-06	0.0
2016	4	-1.60e-06	5.74e-04	-0.03	1.18e-04	5.64e-05	0.0



2017	1	-1.32e-04	1.34e-04	-0.02	-8.11e-05	-2.82e-05	0.0
2017	2	-6.82e-05	1.41e-03	-0.06	5.43e-04	1.19e-04	0.0
2017	3	-4.93e-05	1.84e-04	-0.01	0.0	1.96e-06	0.0
2017	4	-3.05e-05	5.62e-04	-0.03	1.85e-04	4.56e-05	0.0
2018	1	-1.41e-04	1.27e-04	-0.02	-6.31e-05	-3.59e-05	0.0
2018	2	-1.63e-04	1.40e-03	-0.07	7.02e-04	7.99e-05	0.0
2018	3	-6.19e-05	1.77e-04	-0.01	1.78e-05	-3.95e-06	0.0
2018	4	-6.86e-05	5.56e-04	-0.03	2.45e-04	3.04e-05	0.0
2019	1	-1.53e-04	1.28e-04	-0.02	-4.64e-05	-4.47e-05	0.0
2019	2	-2.77e-04	1.41e-03	-0.07	8.36e-04	3.15e-05	0.0
2019	3	-7.74e-05	1.76e-04	-0.01	3.33e-05	-1.10e-05	0.0
2019	4	-1.14e-04	5.56e-04	-0.03	2.95e-04	1.15e-05	0.0
2020	1	-1.68e-04	1.38e-04	-0.02	-3.16e-05	-5.43e-05	0.0
2020	2	-4.06e-04	1.43e-03	-0.07	9.39e-04	-2.39e-05	0.0
2020	3	-9.52e-05	1.78e-04	-0.01	4.58e-05	-1.90e-05	0.0
2020	4	-1.66e-04	5.61e-04	-0.03	3.33e-04	-9.99e-06	0.0
2021	1	-1.86e-04	1.55e-04	-0.02	-1.96e-05	-6.45e-05	0.0
2021	2	-5.45e-04	1.46e-03	-0.07	1.01e-03	-8.38e-05	0.0
2021	3	-1.15e-04	1.85e-04	-0.01	5.49e-05	-2.76e-05	0.0
2021	4	-2.21e-04	5.70e-04	-0.03	3.59e-04	-3.33e-05	0.0
2022	1	-2.06e-04	1.79e-04	-0.02	-1.07e-05	-7.49e-05	0.0
2022	2	-6.89e-04	1.49e-03	-0.06	1.04e-03	-1.46e-04	0.0
2022	3	-1.36e-04	1.95e-04	-0.01	6.02e-05	-3.64e-05	0.0
2022	4	-2.79e-04	5.84e-04	-0.03	3.70e-04	-5.76e-05	0.0
2023	1	-2.26e-04	2.08e-04	-0.02	-5.33e-06	-8.54e-05	0.0
2023	2	-8.36e-04	1.53e-03	-0.06	1.03e-03	-2.09e-04	0.0
2023	3	-1.57e-04	2.09e-04	-0.01	6.14e-05	-4.54e-05	0.0
2023	4	-3.38e-04	6.02e-04	-0.03	3.67e-04	-8.19e-05	0.0
2024	1	-2.48e-04	2.43e-04	-0.02	-3.68e-06	-9.57e-05	0.0
2024	2	-9.81e-04	1.59e-03	-0.06	9.78e-04	-2.69e-04	0.0
2024	3	-1.78e-04	2.26e-04	-0.01	5.86e-05	-5.41e-05	0.0
2024	4	-3.96e-04	6.24e-04	-0.02	3.49e-04	-1.06e-04	0.0
2025	1	-2.69e-04	2.83e-04	-0.01	-5.83e-06	-1.06e-04	0.0
2025	2	-1.12e-03	1.65e-03	-0.06	8.90e-04	-3.26e-04	0.0
2025	3	-1.99e-04	2.46e-04	-0.01	5.17e-05	-6.23e-05	0.0
2025	4	-4.51e-04	6.51e-04	-0.02	3.17e-04	-1.28e-04	0.0
2026	1	-2.90e-04	3.29e-04	-0.01	-1.17e-05	-1.15e-04	0.0
2026	2	-1.25e-03	1.72e-03	-0.05	7.66e-04	-3.76e-04	0.0
2026	3	-2.19e-04	2.71e-04	-9.76e-03	4.09e-05	-6.96e-05	0.0
2026	4	-5.02e-04	6.83e-04	-0.02	2.71e-04	-1.47e-04	0.0
2027	1	-3.09e-04	3.82e-04	-0.01	-2.09e-05	-1.22e-04	0.0
2027	2	-1.36e-03	1.80e-03	-0.05	6.07e-04	-4.17e-04	0.0
2027	3	-2.36e-04	2.99e-04	-9.04e-03	2.65e-05	-7.59e-05	0.0
2027	4	-5.47e-04	7.20e-04	-0.02	2.13e-04	-1.63e-04	0.0
2028	1	-3.25e-04	4.41e-04	-0.01	-3.31e-05	-1.29e-04	0.0
2028	2	-1.45e-03	1.90e-03	-0.05	4.19e-04	-4.48e-04	0.0
2028	3	-2.51e-04	3.32e-04	-8.27e-03	9.16e-06	-8.07e-05	0.0
2028	4	-5.84e-04	7.63e-04	-0.02	1.43e-04	-1.75e-04	0.0
2029	1	-3.38e-04	5.10e-04	-0.01	-4.70e-05	-1.34e-04	0.0
2029	2	-1.52e-03	2.01e-03	-0.04	2.08e-04	-4.69e-04	0.0
2029	3	-2.62e-04	3.70e-04	-7.45e-03	-1.05e-05	-8.44e-05	0.0
2029	4	-6.12e-04	8.13e-04	-0.02	6.50e-05	-1.84e-04	0.0
2030	1	-3.47e-04	5.89e-04	-8.82e-03	-6.11e-05	-1.39e-04	0.0
2030	2	-1.56e-03	2.13e-03	-0.04	-1.53e-05	-4.87e-04	0.0
2030	3	-2.69e-04	4.14e-04	-6.60e-03	-3.11e-05	-8.74e-05	0.0
2030	4	-6.29e-04	8.71e-04	-0.01	-1.75e-05	-1.91e-04	0.0
2031	1	-7.77e-05	3.77e-04	-0.02	-9.95e-05	-3.10e-05	-7.51e-06
2031	2	-2.26e-05	1.68e-03	-0.06	-3.20e-04	-1.98e-05	-5.59e-06
2031	3	-2.41e-05	3.11e-04	-0.01	-6.97e-05	-1.02e-05	-3.24e-06
2031	4	-7.79e-06	6.96e-04	-0.02	-1.35e-04	-6.90e-06	-2.68e-06
2032	1	-7.59e-05	2.96e-04	-0.02	-7.22e-05	-3.21e-05	-6.59e-06
2032	2	2.35e-05	1.58e-03	-0.06	-2.20e-04	-8.74e-06	-5.68e-06
2032	3	-1.72e-05	2.71e-04	-0.01	-5.35e-05	-9.07e-06	-3.10e-06
2032	4	1.22e-05	6.52e-04	-0.02	-9.74e-05	-2.15e-06	-2.83e-06
2033	1	-8.05e-05	2.33e-04	-0.02	-4.73e-05	-3.48e-05	-5.13e-06
2033	2	3.37e-05	1.52e-03	-0.06	-1.01e-04	-5.55e-06	-4.40e-06
2033	3	-1.69e-05	2.39e-04	-0.01	-3.61e-05	-9.41e-06	-2.54e-06
2033	4	1.69e-05	6.20e-04	-0.02	-5.20e-05	0.0	-2.32e-06
2034	1	-9.04e-05	1.87e-04	-0.02	-2.32e-05	-3.85e-05	-3.66e-06
2034	2	1.16e-05	1.47e-03	-0.06	3.16e-05	-9.14e-06	-2.88e-06
2034	3	-2.21e-05	2.15e-04	-0.01	-1.77e-05	-1.09e-05	-1.91e-06
2034	4	8.15e-06	5.97e-04	-0.02	-1.44e-06	-2.15e-06	-1.68e-06
2035	1	-1.05e-04	1.56e-04	-0.02	0.0	-4.30e-05	-2.32e-06
2035	2	-3.93e-05	1.45e-03	-0.06	1.68e-04	-1.85e-05	-1.44e-06
2035	3	-3.19e-05	1.99e-04	-0.01	0.0	-1.32e-05	-1.31e-06
2035	4	-1.26e-05	5.81e-04	-0.02	5.06e-05	-5.94e-06	-1.05e-06
2036	1	-1.22e-04	1.38e-04	-0.02	2.07e-05	-4.81e-05	-1.15e-06



2036	2	-1.15e-04	1.43e-03	-0.06	2.97e-04	-3.29e-05	0.0
2036	3	-4.57e-05	1.88e-04	-0.01	1.84e-05	-1.63e-05	0.0
2036	4	-4.37e-05	5.72e-04	-0.02	1.00e-04	-1.18e-05	0.0
2037	1	-1.43e-04	1.32e-04	-0.02	3.89e-05	-5.37e-05	0.0
2037	2	-2.13e-04	1.44e-03	-0.06	4.13e-04	-5.14e-05	0.0
2037	3	-6.28e-05	1.82e-04	-0.01	3.39e-05	-2.00e-05	0.0
2037	4	-8.36e-05	5.68e-04	-0.02	1.45e-04	-1.93e-05	0.0
2038	1	-1.66e-04	1.34e-04	-0.02	5.36e-05	-5.97e-05	0.0
2038	2	-3.28e-04	1.45e-03	-0.06	5.09e-04	-7.32e-05	1.84e-06
2038	3	-8.25e-05	1.81e-04	-0.01	4.67e-05	-2.41e-05	0.0
2038	4	-1.31e-04	5.70e-04	-0.02	1.82e-04	-2.81e-05	0.0
2039	1	-1.90e-04	1.45e-04	-0.02	6.45e-05	-6.59e-05	1.46e-06
2039	2	-4.57e-04	1.47e-03	-0.06	5.79e-04	-9.75e-05	2.64e-06
2039	3	-1.04e-04	1.84e-04	-0.01	5.62e-05	-2.86e-05	0.0
2039	4	-1.83e-04	5.76e-04	-0.02	2.09e-04	-3.80e-05	0.0
2040	1	-2.17e-04	1.62e-04	-0.02	7.12e-05	-7.22e-05	2.10e-06
2040	2	-5.95e-04	1.50e-03	-0.06	6.21e-04	-1.23e-04	3.35e-06
2040	3	-1.28e-04	1.91e-04	-0.01	6.21e-05	-3.34e-05	0.0
2040	4	-2.40e-04	5.87e-04	-0.02	2.25e-04	-4.85e-05	1.26e-06
2041	1	-2.44e-04	1.86e-04	-0.02	7.37e-05	-7.86e-05	2.69e-06
2041	2	-7.40e-04	1.53e-03	-0.06	6.32e-04	-1.50e-04	4.03e-06
2041	3	-1.52e-04	2.02e-04	-0.01	6.41e-05	-3.82e-05	1.22e-06
2041	4	-2.99e-04	6.01e-04	-0.02	2.29e-04	-5.94e-05	1.61e-06
2042	1	-2.72e-04	2.15e-04	-0.02	7.19e-05	-8.49e-05	3.23e-06
2042	2	-8.86e-04	1.58e-03	-0.05	6.12e-04	-1.77e-04	4.69e-06
2042	3	-1.77e-04	2.15e-04	-0.01	6.22e-05	-4.30e-05	1.54e-06
2042	4	-3.59e-04	6.19e-04	-0.02	2.22e-04	-7.03e-05	1.97e-06
2043	1	-3.00e-04	2.50e-04	-0.02	6.57e-05	-9.10e-05	3.76e-06
2043	2	-1.03e-03	1.63e-03	-0.05	5.63e-04	-2.02e-04	5.38e-06
2043	3	-2.01e-04	2.32e-04	-0.01	5.65e-05	-4.77e-05	1.86e-06
2043	4	-4.18e-04	6.41e-04	-0.02	2.04e-04	-8.07e-05	2.34e-06
2044	1	-3.27e-04	2.90e-04	-0.01	5.54e-05	-9.68e-05	4.30e-06
2044	2	-1.17e-03	1.69e-03	-0.05	4.86e-04	-2.26e-04	6.12e-06
2044	3	-2.25e-04	2.53e-04	-9.86e-03	4.72e-05	-5.21e-05	2.19e-06
2044	4	-4.75e-04	6.66e-04	-0.02	1.75e-04	-9.04e-05	2.73e-06
2045	1	-3.53e-04	3.36e-04	-0.01	4.13e-05	-1.02e-04	4.87e-06
2045	2	-1.30e-03	1.75e-03	-0.05	3.86e-04	-2.47e-04	6.96e-06
2045	3	-2.48e-04	2.77e-04	-9.33e-03	3.48e-05	-5.60e-05	2.55e-06
2045	4	-5.27e-04	6.97e-04	-0.02	1.37e-04	-9.89e-05	3.17e-06
2046	1	-3.77e-04	3.88e-04	-0.01	2.40e-05	-1.07e-04	5.51e-06
2046	2	-1.41e-03	1.83e-03	-0.05	2.68e-04	-2.64e-04	7.91e-06
2046	3	-2.68e-04	3.04e-04	-8.76e-03	2.00e-05	-5.94e-05	2.94e-06
2046	4	-5.74e-04	7.32e-04	-0.02	9.24e-05	-1.06e-04	3.65e-06
2047	1	-3.98e-04	4.47e-04	-0.01	4.21e-06	-1.11e-04	6.24e-06
2047	2	-1.51e-03	1.92e-03	-0.04	1.41e-04	-2.76e-04	9.01e-06
2047	3	-2.85e-04	3.36e-04	-8.16e-03	3.63e-06	-6.21e-05	3.38e-06
2047	4	-6.14e-04	7.73e-04	-0.02	4.42e-05	-1.11e-04	4.20e-06
2048	1	-4.15e-04	5.15e-04	-0.01	-1.76e-05	-1.13e-04	7.07e-06
2048	2	-1.58e-03	2.02e-03	-0.04	1.06e-05	-2.82e-04	1.03e-05
2048	3	-2.99e-04	3.73e-04	-7.54e-03	-1.35e-05	-6.38e-05	3.86e-06
2048	4	-6.45e-04	8.20e-04	-0.02	-5.14e-06	-1.14e-04	4.81e-06
2049	1	-4.26e-04	5.93e-04	-9.33e-03	-4.28e-05	-1.15e-04	7.90e-06
2049	2	-1.63e-03	2.14e-03	-0.04	-1.19e-04	-2.81e-04	1.15e-05
2049	3	-3.08e-04	4.17e-04	-6.91e-03	-3.15e-05	-6.43e-05	4.31e-06
2049	4	-6.65e-04	8.76e-04	-0.02	-5.41e-05	-1.14e-04	5.39e-06
2050	1	1.80e-04	-2.81e-04	-0.02	-7.21e-05	0.0	2.05e-05
2050	2	1.85e-04	-1.06e-03	-0.06	-3.60e-04	0.0	2.90e-05
2050	3	6.73e-05	-2.07e-04	-0.01	-6.18e-05	0.0	7.79e-06
2050	4	6.87e-05	-4.38e-04	-0.02	-1.47e-04	0.0	1.03e-05
2051	1	1.07e-03	-1.63e-04	-8.26e-03	-1.05e-04	-1.37e-04	-2.58e-05
2051	2	2.78e-03	-1.88e-03	-0.03	-3.75e-04	-2.25e-04	-4.39e-05
2051	3	5.88e-04	-2.44e-04	-6.17e-03	-7.13e-05	-7.24e-05	-1.39e-05
2051	4	1.09e-03	-7.53e-04	-0.01	-1.51e-04	-9.83e-05	-1.92e-05
2052	1	1.06e-03	3.29e-04	-0.01	-1.29e-05	-1.62e-04	-2.19e-05
2052	2	2.14e-03	-1.10e-03	-0.04	-2.74e-04	-3.40e-04	-4.61e-05
2052	3	5.32e-04	5.57e-06	-7.29e-03	-2.31e-05	-8.91e-05	-1.21e-05
2052	4	8.51e-04	-4.17e-04	-0.02	-1.00e-04	-1.42e-04	-1.93e-05
2053	1	1.05e-03	6.98e-04	-0.01	3.05e-05	-1.47e-04	-1.99e-05
2053	2	1.80e-03	-3.43e-05	-0.04	-2.09e-04	-3.46e-04	-4.70e-05
2053	3	5.02e-04	2.28e-04	-8.13e-03	0.0	-8.26e-05	-1.12e-05
2053	4	7.24e-04	1.16e-05	-0.02	-7.06e-05	-1.42e-04	-1.92e-05
2054	1	1.05e-03	1.03e-03	-0.01	6.17e-05	-1.35e-04	-1.83e-05
2054	2	1.58e-03	1.24e-03	-0.04	-1.42e-04	-3.41e-04	-4.63e-05
2054	3	4.80e-04	4.52e-04	-8.91e-03	1.83e-05	-7.67e-05	-1.04e-05
2054	4	6.39e-04	5.16e-04	-0.02	-4.19e-05	-1.38e-04	-1.87e-05
2055	1	1.04e-03	1.31e-03	-0.01	8.57e-05	-1.24e-04	-1.68e-05
2055	2	1.45e-03	2.57e-03	-0.05	-7.26e-05	-3.25e-04	-4.41e-05



2055	3	4.66e-04	6.60e-04	-9.62e-03	3.33e-05	-7.08e-05	-9.62e-06
2055	4	5.89e-04	1.03e-03	-0.02	-1.35e-05	-1.30e-04	-1.77e-05
2056	1	1.03e-03	1.54e-03	-0.02	1.05e-04	-1.14e-04	-1.55e-05
2056	2	1.40e-03	3.81e-03	-0.05	-6.14e-06	-2.98e-04	-4.05e-05
2056	3	4.58e-04	8.42e-04	-0.01	4.59e-05	-6.43e-05	-8.73e-06
2056	4	5.68e-04	1.51e-03	-0.02	1.31e-05	-1.19e-04	-1.61e-05
2057	1	1.03e-03	1.72e-03	-0.02	1.20e-04	-1.04e-04	-1.41e-05
2057	2	1.42e-03	4.85e-03	-0.05	5.19e-05	-2.61e-04	-3.54e-05
2057	3	4.55e-04	9.86e-04	-0.01	5.60e-05	-5.68e-05	-7.72e-06
2057	4	5.70e-04	1.91e-03	-0.02	3.60e-05	-1.03e-04	-1.40e-05
2058	1	1.02e-03	1.84e-03	-0.02	1.30e-04	-9.28e-05	-1.26e-05
2058	2	1.47e-03	5.58e-03	-0.05	9.63e-05	-2.16e-04	-2.94e-05
2058	3	4.55e-04	1.08e-03	-0.01	6.32e-05	-4.87e-05	-6.61e-06
2058	4	5.89e-04	2.19e-03	-0.02	5.32e-05	-8.53e-05	-1.16e-05
2059	1	1.01e-03	1.89e-03	-0.02	1.37e-04	-8.17e-05	-1.11e-05
2059	2	1.56e-03	5.97e-03	-0.06	1.23e-04	-2.27e-04	-2.27e-05
2059	3	4.57e-04	1.13e-03	-0.01	6.73e-05	-4.01e-05	-5.44e-06
2059	4	6.18e-04	2.33e-03	-0.02	6.33e-05	-6.54e-05	-8.88e-06
2060	1	1.00e-03	1.88e-03	-0.02	1.39e-04	-7.04e-05	-9.56e-06
2060	2	1.65e-03	5.96e-03	-0.06	1.30e-04	-1.17e-04	-1.57e-05
2060	3	4.59e-04	1.12e-03	-0.01	6.80e-05	-3.13e-05	-4.25e-06
2060	4	6.51e-04	2.32e-03	-0.02	6.54e-05	-4.48e-05	-6.08e-06
2061	1	9.92e-04	1.81e-03	-0.02	1.37e-04	-5.90e-05	-8.02e-06
2061	2	1.75e-03	5.57e-03	-0.06	1.16e-04	-8.92e-05	-8.92e-06
2061	3	4.61e-04	1.05e-03	-0.01	6.53e-05	-2.27e-05	-3.08e-06
2061	4	6.84e-04	2.16e-03	-0.02	5.93e-05	-2.47e-05	-3.35e-06
2062	1	9.81e-04	1.67e-03	-0.02	1.30e-04	-4.77e-05	-6.48e-06
2062	2	1.82e-03	4.80e-03	-0.06	8.32e-05	-1.93e-05	-2.62e-06
2062	3	4.61e-04	9.28e-04	-0.01	5.93e-05	-1.44e-05	-1.96e-06
2062	4	7.11e-04	1.86e-03	-0.02	4.54e-05	-6.01e-06	0.0
2063	1	9.70e-04	1.47e-03	-0.02	1.18e-04	-3.65e-05	-4.96e-06
2063	2	1.87e-03	3.71e-03	-0.06	3.28e-05	2.09e-05	2.84e-06
2063	3	4.60e-04	7.59e-04	-0.01	5.01e-05	-6.85e-06	0.0
2063	4	7.27e-04	1.42e-03	-0.02	2.47e-05	1.02e-05	1.38e-06
2064	1	9.59e-04	1.21e-03	-0.02	1.02e-04	-2.53e-05	-3.44e-06
2064	2	1.87e-03	2.37e-03	-0.06	-3.12e-05	5.25e-05	7.13e-06
2064	3	4.54e-04	5.50e-04	-0.01	3.80e-05	0.0	0.0
2064	4	7.26e-04	8.94e-04	-0.02	-1.54e-06	2.30e-05	3.12e-06
2065	1	9.49e-04	8.91e-04	-0.02	8.04e-05	-1.38e-05	-1.87e-06
2065	2	1.82e-03	8.72e-04	-0.06	-1.04e-04	7.38e-05	1.00e-05
2065	3	4.45e-04	3.08e-04	-0.01	2.32e-05	5.80e-06	0.0
2065	4	7.04e-04	3.02e-04	-0.02	-3.14e-05	3.18e-05	4.31e-06
2066	1	9.41e-04	5.17e-04	-0.02	5.17e-05	-1.10e-06	0.0
2066	2	1.71e-03	-6.72e-04	-0.06	-1.80e-04	8.38e-05	1.14e-05
2066	3	4.31e-04	4.41e-05	-0.01	5.69e-06	1.11e-05	1.50e-06
2066	4	6.58e-04	-3.08e-04	-0.02	-6.31e-05	3.62e-05	4.92e-06
2067	1	9.36e-04	8.52e-05	-0.02	1.31e-05	1.47e-05	1.99e-06
2067	2	1.51e-03	-2.13e-03	-0.06	-2.56e-04	8.30e-05	1.13e-05
2067	3	4.12e-04	-2.29e-04	-0.01	-1.54e-05	1.65e-05	2.25e-06
2067	4	5.83e-04	-8.86e-04	-0.02	-9.53e-05	3.68e-05	5.00e-06
2068	1	9.34e-04	-4.07e-04	-0.02	-4.18e-05	3.42e-05	4.65e-06
2068	2	1.23e-03	-3.37e-03	-0.06	-3.31e-04	7.25e-05	9.85e-06
2068	3	3.87e-04	-5.01e-04	-0.01	-4.27e-05	2.30e-05	3.13e-06
2068	4	4.75e-04	-1.38e-03	-0.02	-1.28e-04	3.44e-05	4.67e-06
2069	1	9.41e-04	-1.08e-03	-0.02	-1.59e-04	1.44e-05	9.69e-06
2069	2	7.08e-04	-4.38e-03	-0.06	-4.37e-04	7.70e-06	7.96e-06
2069	3	3.43e-04	-8.11e-04	-0.01	-9.73e-05	1.11e-05	5.07e-06
2069	4	2.74e-04	-1.79e-03	-0.02	-1.80e-04	9.14e-06	4.56e-06
2070	1	0.0	0.0	0.0	-9.51e-06	0.0	0.0
2070	2	0.0	0.0	0.0	6.11e-05	-1.32e-06	0.0
2070	3	0.0	0.0	0.0	0.0	0.0	0.0
2070	4	0.0	0.0	0.0	2.10e-05	0.0	0.0
2071	1	-4.52e-04	-5.22e-04	-1.38e-03	-4.50e-05	-5.33e-05	-8.33e-06
2071	2	5.63e-03	-1.93e-03	-1.81e-03	-1.56e-04	4.69e-04	6.24e-05
2071	3	2.98e-04	-3.80e-04	-7.19e-04	-2.97e-05	1.73e-05	1.53e-06
2071	4	2.10e-03	-7.97e-04	-8.47e-04	-6.24e-05	1.72e-04	2.25e-05
2072	1	-4.06e-04	-4.19e-04	-5.56e-03	-5.95e-05	1.88e-05	1.95e-06
2072	2	-6.63e-03	-3.38e-03	-0.02	-2.70e-04	-1.81e-04	-2.14e-05
2072	3	-6.66e-04	-4.73e-04	-4.25e-03	-4.83e-05	-3.76e-06	0.0
2072	4	-2.51e-03	-1.35e-03	-9.44e-03	-1.11e-04	-6.31e-05	-7.32e-06
2073	1	-8.94e-04	-2.89e-04	-7.18e-03	-1.04e-04	5.22e-05	-7.33e-06
2073	2	-4.04e-03	-2.64e-03	-0.03	-3.40e-04	-6.89e-06	-4.25e-05
2073	3	-6.25e-04	-3.57e-04	-5.42e-03	-6.95e-05	2.31e-05	-5.28e-06
2073	4	-1.56e-03	-1.05e-03	-0.01	-1.39e-04	5.58e-06	-1.57e-05
2074	1	4.20e-04	-4.96e-04	-9.85e-04	-3.89e-05	3.73e-05	5.43e-06
2074	2	-4.23e-03	-1.60e-03	-3.97e-04	-1.12e-04	-4.62e-04	-6.32e-05
2074	3	-1.98e-04	-3.36e-04	-4.51e-04	-2.39e-05	-2.15e-05	-2.84e-06



2074	4	-1.58e-03	-6.62e-04	-2.76e-04	-4.56e-05	-1.69e-04	-2.32e-05
2075	1	1.83e-04	-3.33e-04	-3.60e-04	-1.98e-05	9.64e-06	1.33e-06
2075	2	-1.56e-03	-8.55e-04	-9.04e-04	-7.51e-06	-3.30e-04	-4.52e-05
2075	3	-6.16e-05	-2.04e-04	-9.89e-05	-9.06e-06	-1.98e-05	-2.71e-06
2075	4	-5.78e-04	-3.58e-04	2.76e-04	-5.41e-06	-1.21e-04	-1.65e-05
2076	1	6.26e-04	-5.47e-04	-1.93e-03	-5.03e-05	8.50e-05	1.15e-05
2076	2	-6.93e-03	-2.24e-03	-3.62e-03	-1.89e-04	-4.48e-04	-6.09e-05
2076	3	-3.48e-04	-4.19e-04	-1.07e-03	-3.44e-05	-6.14e-06	0.0
2076	4	-2.59e-03	-9.21e-04	-1.57e-03	-7.55e-05	-1.64e-04	-2.23e-05
2077	1	6.78e-04	-5.27e-04	-2.96e-03	-4.80e-05	1.19e-04	1.64e-05
2077	2	-8.85e-03	-2.79e-03	-8.01e-03	-2.27e-04	-3.67e-04	-4.91e-05
2077	3	-4.85e-04	-4.68e-04	-1.83e-03	-3.80e-05	1.05e-05	1.53e-06
2077	4	-3.31e-03	-1.14e-03	-3.33e-03	-9.11e-05	-1.34e-04	-1.79e-05
2078	1	5.00e-04	-4.90e-04	-3.84e-03	-3.95e-05	1.11e-04	1.50e-05
2078	2	-9.49e-03	-3.22e-03	-0.01	-2.40e-04	-2.90e-04	-3.93e-05
2078	3	-5.95e-04	-4.95e-04	-2.61e-03	-3.76e-05	1.41e-05	1.92e-06
2078	4	-3.56e-03	-1.30e-03	-5.28e-03	-9.69e-05	-1.04e-04	-1.42e-05
2079	1	1.04e-04	-4.61e-04	-4.60e-03	-3.97e-05	6.09e-05	1.79e-05
2079	2	-8.68e-03	-3.48e-03	-0.02	-2.45e-04	-2.42e-04	-3.87e-05
2079	3	-6.60e-04	-5.03e-04	-3.38e-03	-3.93e-05	3.38e-06	2.81e-06
2079	4	-3.26e-03	-1.40e-03	-7.30e-03	-1.00e-04	-8.64e-05	-1.40e-05
2080	1	7.76e-05	-1.78e-04	-1.61e-04	-1.02e-05	5.25e-06	0.0
2080	2	-3.93e-04	-3.87e-04	6.67e-04	4.71e-05	-1.78e-04	-2.41e-05
2080	3	-2.75e-06	-1.02e-04	-2.90e-05	-1.20e-06	-9.80e-06	-1.33e-06
2080	4	-1.42e-04	-1.64e-04	2.16e-04	1.58e-05	-6.40e-05	-8.68e-06
2081	1	5.35e-04	-5.34e-04	-1.43e-03	-4.64e-05	6.04e-05	8.20e-06
2081	2	-5.63e-03	-1.93e-03	-1.81e-03	-1.56e-04	-4.69e-04	-6.37e-05
2081	3	-2.73e-04	-3.83e-04	-7.35e-04	-3.01e-05	-1.51e-05	-2.05e-06
2081	4	-2.10e-03	-7.97e-04	-8.48e-04	-6.24e-05	-1.72e-04	-2.34e-05
2082	1	-1.10e-03	-1.55e-04	-8.42e-03	-1.09e-04	1.41e-04	4.04e-05
2082	2	-2.78e-03	-1.88e-03	-0.03	-3.75e-04	2.19e-04	8.83e-05
2082	3	-5.97e-04	-2.42e-04	-6.22e-03	-7.24e-05	7.30e-05	2.16e-05
2082	4	-1.09e-03	-7.53e-04	-0.01	-1.51e-04	3.59e-05	3.59e-05
2083	1	3.25e-04	-4.75e-04	-4.22e-03	-3.71e-05	8.93e-05	1.26e-05
2083	2	-9.27e-03	-3.38e-03	-0.02	-2.42e-04	-2.63e-04	-3.61e-05
2083	3	-6.34e-04	-5.02e-04	-2.99e-03	-3.77e-05	1.00e-05	1.46e-06
2083	4	-3.48e-03	-1.63e-03	-6.29e-03	-9.85e-05	-9.43e-05	-1.30e-05
2084	1	-6.60e-04	-3.71e-04	-6.25e-03	-7.78e-05	1.90e-05	2.57e-06
2084	2	-5.33e-03	-3.12e-03	-0.03	-3.00e-04	-1.25e-04	-1.70e-05
2084	3	-6.48e-04	-4.30e-04	-4.78e-03	-5.69e-05	1.50e-06	0.0
2084	4	-2.03e-03	-1.24e-03	-0.01	-1.23e-04	-4.13e-05	-5.60e-06
2085	1	-1.46e-04	-4.45e-04	-5.03e-03	-4.63e-05	3.73e-05	-4.74e-06
2085	2	-7.78e-03	-3.49e-03	-0.02	-2.57e-04	-2.22e-04	-1.89e-05
2085	3	-6.71e-04	-4.95e-04	-3.79e-03	-4.27e-05	-1.82e-06	-2.15e-06
2085	4	-2.93e-03	-1.40e-03	-8.35e-03	-1.05e-04	-7.86e-05	-6.35e-06
2086	1	6.77e-04	-5.43e-04	-2.46e-03	-5.08e-05	1.06e-04	1.41e-05
2086	2	-8.02e-03	-2.53e-03	-5.72e-03	-2.12e-04	-4.11e-04	-5.65e-05
2086	3	-4.19e-04	-4.47e-04	-1.44e-03	-3.70e-05	3.14e-06	0.0
2086	4	-3.00e-03	-1.03e-03	-2.41e-03	-8.49e-05	-1.50e-04	-2.06e-05
2087	1	6.19e-04	-5.08e-04	-3.43e-03	-4.36e-05	1.21e-04	1.65e-05
2087	2	-9.35e-03	-3.02e-03	-0.01	-2.36e-04	-3.25e-04	-4.41e-05
2087	3	-5.44e-04	-4.83e-04	-2.22e-03	-3.79e-05	1.44e-05	1.96e-06
2087	4	-3.50e-03	-1.23e-03	-4.29e-03	-9.49e-05	-1.18e-04	-1.60e-05
2088	1	2.98e-04	-4.30e-04	-6.24e-04	-2.93e-05	1.99e-05	2.46e-06
2088	2	-2.83e-03	-1.24e-03	5.27e-04	-6.06e-05	-4.17e-04	-5.56e-05
2088	3	-1.26e-04	-2.76e-04	-2.36e-04	-1.64e-05	-2.33e-05	-3.15e-06
2088	4	-1.05e-03	-5.15e-04	1.05e-04	-2.57e-05	-1.53e-04	-2.03e-05
2089	1	0.0	0.0	0.0	-9.66e-06	0.0	0.0
2089	2	0.0	0.0	0.0	-1.64e-04	-1.29e-06	0.0
2089	3	0.0	0.0	0.0	-1.69e-05	0.0	0.0
2089	4	0.0	0.0	0.0	-6.25e-05	0.0	0.0
2090	1	-1.29e-03	-6.59e-04	-7.20e-03	-7.22e-05	1.18e-04	3.63e-05
2090	2	-2.34e-03	-8.34e-04	-0.03	-1.76e-04	2.65e-04	-1.64e-05
2090	3	-6.33e-04	-3.36e-04	-5.69e-03	-4.52e-05	6.38e-05	1.19e-05
2090	4	-9.44e-04	-3.88e-04	-0.01	-7.58e-05	1.07e-04	-3.69e-06
2091	1	-4.25e-04	-8.13e-04	-5.44e-03	-7.54e-05	7.81e-06	0.0
2091	2	-6.67e-03	-1.21e-03	-0.03	-2.13e-04	-1.93e-04	-2.33e-05
2091	3	-6.78e-04	-4.37e-04	-4.39e-03	-4.78e-05	-1.23e-05	-1.62e-06
2091	4	-2.53e-03	-5.56e-04	-0.01	-8.84e-05	-7.18e-05	-8.62e-06
2092	1	-9.04e-04	-6.84e-04	-6.68e-03	-4.48e-05	3.22e-05	-3.61e-06
2092	2	-4.06e-03	-8.79e-04	-0.03	-1.53e-04	-3.27e-05	-3.27e-05
2092	3	-6.31e-04	-3.60e-04	-5.22e-03	-3.37e-05	9.88e-06	-3.68e-06
2092	4	-1.57e-03	-4.18e-04	-0.01	-6.59e-05	-9.47e-06	-1.23e-05
2093	1	3.71e-04	-3.90e-04	-4.84e-04	-8.25e-06	2.71e-05	4.04e-06
2093	2	-4.46e-03	-2.65e-03	-7.67e-03	-1.47e-04	-4.66e-04	-6.37e-05
2093	3	-2.38e-04	-3.88e-04	-8.48e-04	-1.74e-05	-2.90e-05	-3.86e-06
2093	4	-1.67e-03	-1.06e-03	-2.98e-03	-5.86e-05	-1.75e-04	-2.39e-05



2094	1	1.29e-04	-1.94e-04	-2.81e-04	-1.03e-05	0.0	0.0
2094	2	-1.83e-03	-1.79e-03	-4.33e-03	-1.65e-04	-3.33e-04	-4.55e-05
2094	3	-1.07e-04	-2.36e-04	-4.69e-04	-1.81e-05	-2.74e-05	-3.73e-06
2094	4	-6.86e-04	-7.07e-04	-1.67e-03	-6.41e-05	-1.26e-04	-1.72e-05
2095	1	5.81e-04	-6.09e-04	-7.18e-04	-1.52e-05	7.49e-05	1.02e-05
2095	2	-7.11e-03	-3.03e-03	-0.01	-1.43e-04	-4.53e-04	-6.16e-05
2095	3	-3.82e-04	-5.04e-04	-1.24e-03	-2.04e-05	-1.37e-05	-1.87e-06
2095	4	-2.66e-03	-1.22e-03	-4.17e-03	-5.82e-05	-1.70e-04	-2.31e-05
2096	1	6.37e-04	-8.05e-04	-1.24e-03	-3.63e-05	1.09e-04	1.50e-05
2096	2	-8.99e-03	-2.98e-03	-0.01	-1.63e-04	-3.74e-04	-5.00e-05
2096	3	-5.14e-04	-5.72e-04	-1.74e-03	-2.94e-05	2.80e-06	0.0
2096	4	-3.37e-03	-1.22e-03	-5.43e-03	-6.68e-05	-1.40e-04	-1.88e-05
2097	1	4.66e-04	-9.18e-04	-2.28e-03	-6.36e-05	1.01e-04	1.37e-05
2097	2	-9.60e-03	-2.55e-03	-0.02	-1.95e-04	-2.98e-04	-4.04e-05
2097	3	-6.19e-04	-5.80e-04	-2.46e-03	-4.12e-05	6.28e-06	0.0
2097	4	-3.60e-03	-1.06e-03	-6.90e-03	-8.02e-05	-1.12e-04	-1.52e-05
2098	1	7.71e-05	-9.15e-04	-3.80e-03	-8.10e-05	5.04e-05	1.66e-05
2098	2	-8.76e-03	-1.89e-03	-0.02	-2.21e-04	-2.52e-04	-3.97e-05
2098	3	-6.78e-04	-5.27e-04	-3.39e-03	-4.93e-05	-4.74e-06	1.77e-06
2098	4	-3.30e-03	-8.16e-04	-8.61e-03	-9.07e-05	-9.44e-05	-1.49e-05
2099	1	2.11e-05	-8.94e-05	-1.48e-04	-9.21e-06	-4.76e-06	0.0
2099	2	-6.80e-04	-9.89e-04	-2.17e-03	-1.61e-04	-1.81e-04	-2.46e-05
2099	3	-5.04e-05	-1.23e-04	-2.39e-04	-1.65e-05	-1.70e-05	-2.31e-06
2099	4	-2.58e-04	-3.89e-04	-8.39e-04	-6.15e-05	-9.42e-05	-9.42e-06
2100	1	4.88e-04	-4.99e-04	-5.84e-04	-9.87e-06	5.02e-05	6.82e-06
2100	2	-5.84e-03	-2.90e-03	-9.18e-03	-1.42e-04	-4.73e-04	-6.43e-05
2100	3	-3.10e-04	-4.51e-04	-1.04e-03	-1.81e-05	-2.27e-05	-3.08e-06
2100	4	-2.19e-03	-1.16e-03	-3.58e-03	-5.72e-05	-1.78e-04	-2.41e-05
2101	1	-1.11e-03	-6.39e-04	-7.03e-03	-3.17e-05	8.11e-05	2.10e-05
2101	2	-2.99e-03	-9.72e-04	-0.03	-1.12e-04	1.20e-04	4.51e-05
2101	3	-6.18e-04	-3.47e-04	-5.51e-03	-2.65e-05	3.87e-05	1.10e-05
2101	4	-1.18e-03	-4.45e-04	-0.01	-5.02e-05	5.01e-05	1.81e-05
2102	1	2.94e-04	-9.31e-04	-2.99e-03	-7.51e-05	7.90e-05	1.12e-05
2102	2	-9.36e-03	-2.24e-03	-0.02	-2.10e-04	-2.72e-04	-3.73e-05
2102	3	-6.55e-04	-5.60e-04	-2.90e-03	-4.62e-05	2.06e-06	0.0
2102	4	-3.51e-03	-9.48e-04	-7.73e-03	-8.62e-05	-1.02e-04	-1.40e-05
2103	1	-6.75e-04	-7.46e-04	-6.14e-03	-6.30e-05	7.03e-06	0.0
2103	2	-5.36e-03	-9.75e-04	-0.03	-1.86e-04	-1.39e-04	-1.88e-05
2103	3	-6.57e-04	-3.93e-04	-4.84e-03	-4.21e-05	-7.47e-06	-1.02e-06
2103	4	-2.05e-03	-4.61e-04	-0.01	-7.86e-05	-5.06e-05	-6.88e-06
2104	1	-1.69e-04	-8.73e-04	-4.63e-03	-8.21e-05	2.66e-05	6.47e-06
2104	2	-7.84e-03	-1.53e-03	-0.02	-2.19e-04	-2.33e-04	-2.10e-05
2104	3	-6.86e-04	-4.84e-04	-3.89e-03	-5.00e-05	-1.01e-05	-3.43e-06
2104	4	-2.96e-03	-6.80e-04	-9.52e-03	-9.07e-05	-8.69e-05	-7.75e-06
2105	1	6.34e-04	-7.13e-04	-9.25e-04	-2.40e-05	9.61e-05	1.27e-05
2105	2	-8.19e-03	-3.06e-03	-0.01	-1.50e-04	-4.16e-04	-5.72e-05
2105	3	-4.51e-04	-5.44e-04	-1.46e-03	-2.42e-05	-4.51e-06	0.0
2105	4	-3.06e-03	-1.24e-03	-4.78e-03	-6.15e-05	-1.56e-04	-2.15e-05
2106	1	5.82e-04	-8.75e-04	-1.69e-03	-5.02e-05	1.11e-04	1.51e-05
2106	2	-9.47e-03	-2.81e-03	-0.02	-1.79e-04	-3.32e-04	-4.51e-05
2106	3	-5.71e-04	-5.83e-04	-2.07e-03	-3.53e-05	6.63e-06	0.0
2106	4	-3.55e-03	-1.16e-03	-6.13e-03	-7.33e-05	-1.25e-04	-1.69e-05
2107	1	2.46e-04	-2.88e-04	-3.88e-04	-8.79e-06	9.56e-06	1.06e-06
2107	2	-3.08e-03	-2.28e-03	-6.06e-03	-1.57e-04	-4.20e-04	-5.59e-05
2107	3	-1.69e-04	-3.17e-04	-6.61e-04	-1.76e-05	-3.08e-05	-4.17e-06
2107	4	-1.15e-03	-9.07e-04	-2.34e-03	-6.15e-05	-1.58e-04	-2.11e-05
2108	1	-5.25e-04	-5.38e-04	-1.87e-03	-4.89e-05	-8.28e-05	3.78e-05
2108	2	6.93e-03	-2.24e-03	-3.62e-03	-1.89e-04	4.40e-04	1.27e-04
2108	3	3.77e-04	-4.17e-04	-1.05e-03	-3.40e-05	5.50e-06	2.50e-05
2108	4	2.59e-03	-9.21e-04	-1.57e-03	-7.55e-05	1.60e-04	5.14e-05
2109	1	-8.38e-04	-1.98e-03	-0.02	-9.65e-05	1.85e-05	-1.71e-06
2109	2	-4.52e-04	-4.22e-03	-0.06	-3.83e-04	1.06e-04	1.60e-05
2109	3	-2.89e-04	-1.07e-03	-0.01	-7.43e-05	2.10e-05	2.39e-06
2109	4	-1.75e-04	-1.73e-03	-0.02	-1.59e-04	4.70e-05	7.65e-06
2110	1	-5.63e-04	-5.37e-04	-2.38e-03	-4.96e-05	-9.38e-05	-3.06e-05
2110	2	8.02e-03	-2.53e-03	-5.72e-03	-2.12e-04	4.18e-04	-3.28e-06
2110	3	4.53e-04	-4.45e-04	-1.42e-03	-3.67e-05	0.0	-5.59e-06
2110	4	3.00e-03	-1.03e-03	-2.41e-03	-8.49e-05	1.52e-04	2.51e-06
2111	1	-5.56e-04	-5.26e-04	-2.87e-03	-4.73e-05	-1.09e-04	-1.57e-05
2111	2	8.85e-03	-2.79e-03	-8.01e-03	-2.27e-04	3.67e-04	4.86e-05
2111	3	5.21e-04	-4.67e-04	-1.80e-03	-3.78e-05	-2.22e-06	-1.79e-06
2111	4	3.31e-03	-1.14e-03	-3.33e-03	-9.11e-05	1.34e-04	1.72e-05
2112	1	-4.96e-04	-5.10e-04	-3.33e-03	-4.34e-05	-1.10e-04	-1.59e-05
2112	2	9.35e-03	-3.02e-03	-0.01	-2.36e-04	3.25e-04	4.33e-05
2112	3	5.81e-04	-4.84e-04	-2.19e-03	-3.79e-05	-1.12e-05	-2.23e-06
2112	4	3.50e-03	-1.23e-03	-4.29e-03	-9.49e-05	1.18e-04	1.53e-05
2113	1	-3.82e-04	-4.94e-04	-3.75e-03	-3.98e-05	-1.01e-04	-1.46e-05



2113	2	9.49e-03	-3.22e-03	-0.01	-2.40e-04	2.90e-04	3.83e-05
2113	3	6.30e-04	-4.96e-04	-2.58e-03	-3.77e-05	-1.13e-05	-2.24e-06
2113	4	3.56e-03	-1.31e-03	-5.28e-03	-9.69e-05	1.05e-04	1.34e-05
2114	1	6.27e-04	-2.30e-03	-0.02	-1.50e-04	-8.81e-06	-1.20e-06
2114	2	1.81e-04	-3.65e-03	-0.06	-3.15e-04	-1.18e-04	-1.60e-05
2114	3	2.02e-04	-1.09e-03	-0.01	-7.38e-05	-1.96e-05	-2.66e-06
2114	4	7.00e-05	-1.49e-03	-0.02	-1.23e-04	-5.19e-05	-7.05e-06
2115	1	8.65e-04	-1.96e-03	-0.02	-1.00e-04	-2.44e-05	0.0
2115	2	4.52e-04	-4.22e-03	-0.06	-3.84e-04	-1.06e-04	-1.60e-05
2115	3	2.97e-04	-1.06e-03	-0.01	-7.53e-05	-2.28e-05	-2.76e-06
2115	4	1.75e-04	-1.73e-03	-0.02	-1.59e-04	-4.70e-05	-7.65e-06
2116	1	4.85e-04	-2.41e-03	-0.02	-1.71e-04	-1.76e-05	-2.39e-06
2116	2	3.71e-05	-2.96e-03	-0.06	-2.68e-04	-1.21e-04	-1.64e-05
2116	3	1.48e-04	-1.05e-03	-0.01	-7.20e-05	-2.09e-05	-2.84e-06
2116	4	1.50e-05	-1.21e-03	-0.02	-1.01e-04	-5.15e-05	-6.99e-06
2117	1	3.72e-04	-2.40e-03	-0.02	-1.83e-04	-2.39e-05	-3.25e-06
2117	2	-6.13e-05	-2.15e-03	-0.06	-2.24e-04	-1.20e-04	-1.63e-05
2117	3	1.06e-04	-9.60e-04	-0.01	-6.91e-05	-2.19e-05	-2.97e-06
2117	4	-2.26e-05	-8.85e-04	-0.02	-8.10e-05	-5.03e-05	-6.82e-06
2118	1	2.82e-04	-2.32e-03	-0.02	-1.89e-04	-2.58e-05	-3.51e-06
2118	2	-1.19e-04	-1.31e-03	-0.06	-1.80e-04	-1.13e-04	-1.53e-05
2118	3	7.43e-05	-8.48e-04	-0.01	-6.50e-05	-2.12e-05	-2.88e-06
2118	4	-4.45e-05	-5.48e-04	-0.03	-6.24e-05	-4.69e-05	-6.37e-06
2119	1	2.12e-04	-2.21e-03	-0.02	-1.92e-04	-2.44e-05	-3.31e-06
2119	2	-1.40e-04	-5.14e-04	-0.06	-1.41e-04	-9.88e-05	-1.34e-05
2119	3	5.17e-05	-7.31e-04	-0.01	-6.06e-05	-1.90e-05	-2.58e-06
2119	4	-5.27e-05	-2.29e-04	-0.03	-4.55e-05	-4.10e-05	-5.57e-06
2120	1	1.58e-04	-2.09e-03	-0.02	-1.92e-04	-2.05e-05	-2.79e-06
2120	2	-1.32e-04	1.76e-04	-0.06	-1.06e-04	-7.95e-05	-1.08e-05
2120	3	3.62e-05	-6.24e-04	-0.01	-5.64e-05	-1.54e-05	-2.10e-06
2120	4	-4.97e-05	4.73e-05	-0.03	-3.11e-05	-3.29e-05	-4.47e-06
2121	1	1.15e-04	-1.99e-03	-0.02	-1.92e-04	-1.50e-05	-2.04e-06
2121	2	-1.01e-04	7.06e-04	-0.06	-8.03e-05	-5.56e-05	-7.55e-06
2121	3	2.60e-05	-5.40e-04	-0.01	-5.32e-05	-1.10e-05	-1.49e-06
2121	4	-3.80e-05	2.59e-04	-0.03	-2.02e-05	-2.30e-05	-3.12e-06
2122	1	7.98e-05	-1.93e-03	-0.02	-1.92e-04	-8.57e-06	-1.16e-06
2122	2	-5.45e-05	1.04e-03	-0.06	-6.39e-05	-2.86e-05	-3.88e-06
2122	3	1.93e-05	-4.87e-04	-0.01	-5.12e-05	-5.88e-06	0.0
2122	4	-2.05e-05	3.93e-04	-0.03	-1.33e-05	-1.18e-05	-1.60e-06
2123	1	4.81e-05	-1.91e-03	-0.02	-1.92e-04	-1.68e-06	0.0
2123	2	0.0	1.15e-03	-0.06	-5.83e-05	0.0	0.0
2123	3	1.43e-05	-4.70e-04	-0.01	-5.07e-05	0.0	0.0
2123	4	0.0	4.38e-04	-0.03	-1.10e-05	0.0	0.0
2124	1	1.58e-05	-1.94e-03	-0.02	-1.94e-04	5.11e-06	0.0
2124	2	5.45e-05	1.04e-03	-0.06	-6.39e-05	2.86e-05	3.88e-06
2124	3	9.04e-06	-4.91e-04	-0.01	-5.17e-05	4.85e-06	0.0
2124	4	2.05e-05	3.93e-04	-0.03	-1.33e-05	1.18e-05	1.60e-06
2125	1	-2.13e-05	-2.02e-03	-0.02	-1.95e-04	1.13e-05	1.54e-06
2125	2	1.01e-04	7.06e-04	-0.06	-8.03e-05	5.56e-05	7.55e-06
2125	3	1.78e-06	-5.49e-04	-0.01	-5.43e-05	9.86e-06	1.34e-06
2125	4	3.80e-05	2.59e-04	-0.03	-2.02e-05	2.30e-05	3.12e-06
2126	1	-6.73e-05	-2.13e-03	-0.02	-1.97e-04	1.64e-05	2.23e-06
2126	2	1.32e-04	1.76e-04	-0.06	-1.06e-04	7.95e-05	1.08e-05
2126	3	-9.39e-06	-6.37e-04	-0.01	-5.80e-05	1.42e-05	1.93e-06
2126	4	4.97e-05	4.73e-05	-0.03	-3.11e-05	3.29e-05	4.47e-06
2127	1	-1.27e-04	-2.26e-03	-0.02	-1.98e-04	1.98e-05	2.69e-06
2127	2	1.40e-04	-5.14e-04	-0.06	-1.41e-04	9.88e-05	1.34e-05
2127	3	-2.63e-05	-7.47e-04	-0.01	-6.24e-05	1.76e-05	2.39e-06
2127	4	5.27e-05	-2.29e-04	-0.03	-4.55e-05	4.10e-05	5.57e-06
2128	1	-2.03e-04	-2.38e-03	-0.02	-1.96e-04	2.06e-05	2.80e-06
2128	2	1.19e-04	-1.31e-03	-0.06	-1.80e-04	1.13e-04	1.53e-05
2128	3	-5.09e-05	-8.66e-04	-0.01	-6.70e-05	1.97e-05	2.67e-06
2128	4	4.45e-05	-5.48e-04	-0.03	-6.24e-05	4.69e-05	6.37e-06
2129	1	-3.01e-04	-2.47e-03	-0.02	-1.90e-04	1.80e-05	2.44e-06
2129	2	6.13e-05	-2.15e-03	-0.06	-2.24e-04	1.20e-04	1.63e-05
2129	3	-8.48e-05	-9.79e-04	-0.01	-7.10e-05	2.01e-05	2.73e-06
2129	4	2.26e-05	-8.85e-04	-0.02	-8.10e-05	5.03e-05	6.82e-06
2130	1	-4.25e-04	-2.47e-03	-0.02	-1.77e-04	1.08e-05	1.47e-06
2130	2	-3.71e-05	-2.96e-03	-0.06	-2.68e-04	1.21e-04	1.64e-05
2130	3	-1.30e-04	-1.07e-03	-0.01	-7.37e-05	1.89e-05	2.57e-06
2130	4	-1.50e-05	-1.21e-03	-0.02	-1.01e-04	5.15e-05	6.99e-06
2131	1	-5.79e-04	-2.35e-03	-0.02	-1.53e-04	0.0	0.0
2131	2	-1.81e-04	-3.65e-03	-0.06	-3.15e-04	1.18e-04	1.60e-05
2131	3	-1.88e-04	-1.11e-03	-0.01	-7.48e-05	1.72e-05	2.34e-06
2131	4	-7.00e-05	-1.49e-03	-0.02	-1.23e-04	5.19e-05	7.05e-06
2132	1	-1.59e-04	-3.23e-04	-3.43e-04	-1.91e-05	-6.15e-06	-8.98e-06
2132	2	1.56e-03	-8.55e-04	9.05e-04	-7.51e-06	3.47e-04	-7.52e-05



2132	3	6.88e-05	-2.01e-04	-9.36e-05	-8.84e-06	2.27e-05	-1.29e-05
2132	4	5.78e-04	-3.58e-04	2.76e-04	-5.42e-06	1.27e-04	-3.25e-05
2133	1	0.0	0.0	0.0	-8.87e-06	0.0	5.53e-06
2133	2	0.0	0.0	0.0	6.11e-05	0.0	2.89e-06
2133	3	0.0	0.0	0.0	0.0	0.0	4.16e-06
2133	4	0.0	0.0	0.0	2.10e-05	0.0	3.38e-06
2134	1	-2.55e-04	-4.17e-04	-5.97e-04	-2.83e-05	-1.60e-05	-3.54e-06
2134	2	2.83e-03	-1.24e-03	5.27e-04	-6.06e-05	4.18e-04	5.48e-05
2134	3	1.39e-04	-2.72e-04	-2.28e-04	-1.61e-05	2.45e-05	2.34e-06
2134	4	1.05e-03	-5.15e-04	1.05e-04	-2.57e-05	1.53e-04	1.96e-05
2135	1	-3.57e-04	-4.83e-04	-9.47e-04	-3.77e-05	-3.20e-05	-5.65e-06
2135	2	4.23e-03	-1.60e-03	-3.97e-04	-1.12e-04	4.62e-04	6.10e-05
2135	3	2.17e-04	-3.32e-04	-4.39e-04	-2.35e-05	2.31e-05	2.18e-06
2135	4	1.58e-03	-6.62e-04	-2.76e-04	-4.56e-05	1.70e-04	2.19e-05
2136	1	-9.19e-04	-3.58e-04	-0.02	-3.95e-05	-3.81e-05	-5.17e-06
2136	2	-1.23e-03	-3.37e-03	-0.06	-3.31e-04	-7.25e-05	-9.85e-06
2136	3	-3.83e-04	-4.87e-04	-0.01	-4.20e-05	-2.42e-05	-3.28e-06
2136	4	-4.75e-04	-1.38e-03	-0.02	-1.28e-04	-3.44e-05	-4.67e-06
2137	1	-9.21e-04	-1.05e-03	-0.02	-1.61e-04	-1.77e-05	-1.05e-05
2137	2	-7.08e-04	-4.38e-03	-0.06	-4.37e-04	-7.96e-06	-7.96e-06
2137	3	-3.38e-04	-8.04e-04	-0.01	-9.79e-05	-1.21e-05	-5.31e-06
2137	4	-2.74e-04	-1.79e-03	-0.02	-1.80e-04	-9.14e-06	-4.56e-06
2138	1	-9.24e-04	1.48e-04	-0.02	1.73e-05	-1.72e-05	-2.33e-06
2138	2	-1.51e-03	-2.13e-03	-0.06	-2.56e-04	-7.30e-05	-1.13e-05
2138	3	-4.09e-04	-2.11e-04	-0.01	-1.42e-05	-1.73e-05	-2.35e-06
2138	4	-5.83e-04	-8.86e-04	-0.02	-9.53e-05	-3.68e-05	-5.00e-06
2139	1	-9.34e-04	5.89e-04	-0.02	5.70e-05	0.0	0.0
2139	2	-1.71e-03	-6.72e-04	-0.06	-1.80e-04	-8.38e-05	-1.14e-05
2139	3	-4.29e-04	6.54e-05	-0.01	7.25e-06	-1.14e-05	-1.55e-06
2139	4	-6.58e-04	-3.08e-04	-0.02	-6.31e-05	-3.62e-05	-4.92e-06
2140	1	-9.46e-04	9.68e-04	-0.02	8.63e-05	1.35e-05	1.84e-06
2140	2	-1.82e-03	8.72e-04	-0.06	-1.04e-04	-7.38e-05	-1.00e-05
2140	3	-4.44e-04	3.30e-04	-0.01	2.50e-05	-5.87e-06	0.0
2140	4	-7.04e-04	3.02e-04	-0.02	-3.14e-05	-3.18e-05	-4.31e-06
2141	1	-9.61e-04	1.29e-03	-0.02	1.08e-04	2.59e-05	3.51e-06
2141	2	-1.87e-03	2.37e-03	-0.06	-3.12e-05	-5.25e-05	-7.13e-06
2141	3	-4.55e-04	5.73e-04	-0.01	3.98e-05	0.0	0.0
2141	4	-7.26e-04	8.94e-04	-0.02	-1.54e-06	-2.30e-05	-3.12e-06
2142	1	-9.76e-04	1.55e-03	-0.02	1.25e-04	3.78e-05	5.13e-06
2142	2	-1.87e-03	3.71e-03	-0.06	3.28e-05	-2.09e-05	-2.84e-06
2142	3	-4.61e-04	7.83e-04	-0.01	5.20e-05	7.22e-06	0.0
2142	4	-7.27e-04	1.42e-03	-0.02	2.47e-05	-1.02e-05	-1.38e-06
2143	1	-9.92e-04	1.75e-03	-0.02	1.36e-04	4.96e-05	6.73e-06
2143	2	-1.82e-03	4.80e-03	-0.06	8.32e-05	1.93e-05	2.62e-06
2143	3	-4.65e-04	9.51e-04	-0.01	6.11e-05	1.50e-05	2.04e-06
2143	4	-7.11e-04	1.86e-03	-0.02	4.54e-05	6.01e-06	0.0
2144	1	-1.01e-03	1.89e-03	-0.02	1.43e-04	6.14e-05	8.33e-06
2144	2	-1.75e-03	5.57e-03	-0.06	1.16e-04	6.57e-05	8.92e-06
2144	3	-4.65e-04	1.07e-03	-0.01	6.71e-05	2.34e-05	3.17e-06
2144	4	-6.84e-04	2.16e-03	-0.02	5.93e-05	2.47e-05	3.35e-06
2145	1	-1.02e-03	1.96e-03	-0.02	1.45e-04	7.31e-05	9.93e-06
2145	2	-1.65e-03	5.96e-03	-0.06	1.30e-04	1.16e-04	1.57e-05
2145	3	-4.65e-04	1.14e-03	-0.01	6.98e-05	3.21e-05	4.36e-06
2145	4	-6.51e-04	2.32e-03	-0.02	6.54e-05	4.48e-05	6.08e-06
2146	1	-1.03e-03	1.96e-03	-0.02	1.42e-04	8.48e-05	1.15e-05
2146	2	-1.56e-03	5.97e-03	-0.06	1.23e-04	1.67e-04	2.27e-05
2146	3	-4.64e-04	1.15e-03	-0.01	6.90e-05	4.10e-05	5.57e-06
2146	4	-6.18e-04	2.33e-03	-0.02	6.33e-05	6.54e-05	8.88e-06
2147	1	-1.05e-03	1.91e-03	-0.02	1.36e-04	9.63e-05	1.31e-05
2147	2	-1.47e-03	5.58e-03	-0.05	9.63e-05	2.16e-04	2.94e-05
2147	3	-4.63e-04	1.10e-03	-0.01	6.49e-05	4.97e-05	6.75e-06
2147	4	-5.89e-04	2.19e-03	-0.02	5.32e-05	8.53e-05	1.16e-05
2148	1	-1.06e-03	1.79e-03	-0.02	1.25e-04	1.07e-04	1.46e-05
2148	2	-1.42e-03	4.85e-03	-0.05	5.19e-05	2.61e-04	3.54e-05
2148	3	-4.64e-04	1.00e-03	-0.01	5.75e-05	5.80e-05	7.87e-06
2148	4	-5.70e-04	1.91e-03	-0.02	3.60e-05	1.03e-04	1.40e-05
2149	1	-1.07e-03	1.60e-03	-0.02	1.09e-04	1.18e-04	1.60e-05
2149	2	-1.40e-03	3.81e-03	-0.05	-6.14e-06	2.98e-04	4.05e-05
2149	3	-4.68e-04	8.60e-04	-0.01	4.73e-05	6.55e-05	8.89e-06
2149	4	-5.68e-04	1.51e-03	-0.02	1.31e-05	1.19e-04	1.61e-05
2150	1	-1.07e-03	1.37e-03	-0.01	8.99e-05	1.18e-04	1.75e-05
2150	2	-1.45e-03	2.57e-03	-0.05	-7.26e-05	3.25e-04	4.41e-05
2150	3	-4.76e-04	6.77e-04	-9.74e-03	3.46e-05	7.22e-05	9.80e-06
2150	4	-5.89e-04	1.03e-03	-0.02	-1.35e-05	1.30e-04	1.77e-05
2151	1	-1.08e-03	1.08e-03	-0.01	6.50e-05	1.39e-04	1.89e-05
2151	2	-1.58e-03	1.24e-03	-0.04	-1.42e-04	3.41e-04	4.63e-05
2151	3	-4.90e-04	4.66e-04	-9.01e-03	1.93e-05	7.82e-05	1.06e-05



2151	4	-6.39e-04	5.16e-04	-0.02	-4.19e-05	1.38e-04	1.87e-05
2152	1	-1.09e-03	7.38e-04	-0.01	3.26e-05	1.52e-04	2.07e-05
2152	2	-1.80e-03	-3.43e-05	-0.04	-2.09e-04	3.46e-04	4.70e-05
2152	3	-5.12e-04	2.41e-04	-8.22e-03	0.0	8.43e-05	1.14e-05
2152	4	-7.24e-04	1.17e-05	-0.02	-7.06e-05	1.42e-04	1.92e-05
2153	1	-1.09e-03	3.57e-04	-0.01	-1.26e-05	1.68e-04	2.28e-05
2153	2	-2.14e-03	-1.10e-03	-0.04	-2.74e-04	3.40e-04	4.61e-05
2153	3	-5.41e-04	1.40e-05	-7.36e-03	-2.30e-05	9.10e-05	1.24e-05
2153	4	-8.51e-04	-4.17e-04	-0.02	-1.00e-04	1.42e-04	1.93e-05
2154	1	-2.19e-04	-4.81e-04	-4.14e-03	-3.77e-05	-8.18e-05	-1.22e-05
2154	2	9.27e-03	-3.38e-03	-0.02	-2.42e-04	2.63e-04	3.47e-05
2154	3	6.66e-04	-5.04e-04	-2.96e-03	-3.79e-05	-7.73e-06	-1.89e-06
2154	4	3.48e-03	-1.36e-03	-6.29e-03	-9.85e-05	9.44e-05	1.20e-05
2155	1	-1.62e-05	-4.68e-04	-4.53e-03	-4.02e-05	-5.65e-05	-1.17e-05
2155	2	8.68e-03	-3.48e-03	-0.02	-2.45e-04	2.43e-04	2.94e-05
2155	3	6.86e-04	-5.05e-04	-3.36e-03	-3.94e-05	-1.80e-06	-3.17e-06
2155	4	3.26e-03	-1.40e-03	-7.30e-03	-1.00e-04	8.70e-05	9.00e-06
2156	1	-2.46e-04	-3.22e-04	-4.93e-04	-3.99e-05	-2.33e-05	-2.32e-05
2156	2	4.15e-04	-1.50e-03	-1.95e-03	-1.45e-04	3.39e-05	8.20e-05
2156	3	-3.42e-05	-2.44e-04	-3.36e-04	-2.51e-05	-2.93e-06	3.96e-06
2156	4	1.62e-04	-5.94e-04	-7.68e-04	-5.61e-05	1.40e-05	3.51e-05
2157	1	-1.10e-03	-6.96e-04	-1.14e-03	-5.75e-05	-6.47e-05	3.53e-05
2157	2	6.27e-04	-2.86e-03	-4.19e-03	-1.91e-04	8.45e-05	0.0
2157	3	-2.73e-04	-4.92e-04	-7.36e-04	-3.50e-05	-1.13e-05	1.52e-05
2157	4	2.40e-04	-1.13e-03	-1.64e-03	-7.46e-05	3.30e-05	4.86e-06
2158	1	0.0	0.0	0.0	-3.40e-05	0.0	-4.79e-06
2158	2	0.0	0.0	0.0	-1.41e-04	0.0	2.78e-06
2158	3	0.0	0.0	0.0	-2.33e-05	0.0	-3.35e-06
2158	4	0.0	0.0	0.0	-5.52e-05	0.0	-1.11e-06
2159	1	-2.06e-03	-1.02e-03	-1.79e-03	-6.23e-05	-1.00e-04	-1.29e-05
2159	2	8.54e-04	-3.80e-03	-6.44e-03	-2.25e-04	1.13e-04	1.65e-05
2159	3	-5.41e-04	-6.83e-04	-1.14e-03	-3.98e-05	-1.91e-05	-1.84e-06
2159	4	3.23e-04	-1.51e-03	-2.52e-03	-8.80e-05	4.40e-05	6.85e-06
2160	1	-3.14e-03	-1.35e-03	-2.45e-03	-6.14e-05	-1.64e-04	-2.16e-05
2160	2	1.09e-03	-4.57e-03	-9.00e-03	-2.55e-04	1.36e-04	1.95e-05
2160	3	-8.42e-04	-8.65e-04	-1.59e-03	-4.29e-05	-3.61e-05	-4.21e-06
2160	4	4.11e-04	-1.82e-03	-3.53e-03	-1.00e-04	5.26e-05	7.97e-06
2161	1	-4.23e-03	-1.71e-03	-3.10e-03	-5.94e-05	-2.51e-04	-3.34e-05
2161	2	1.32e-03	-5.19e-03	-0.01	-2.82e-04	1.52e-04	2.16e-05
2161	3	-1.15e-03	-1.04e-03	-2.05e-03	-4.54e-05	-6.06e-05	-7.58e-06
2161	4	4.93e-04	-2.07e-03	-4.64e-03	-1.11e-04	5.87e-05	8.71e-06
2162	1	-5.23e-03	-2.07e-03	-3.75e-03	-6.59e-05	-3.73e-04	1.10e-04
2162	2	1.50e-03	-5.66e-03	-0.01	-3.06e-04	1.64e-04	0.0
2162	3	-1.44e-03	-1.20e-03	-2.55e-03	-5.02e-05	-9.53e-05	2.84e-05
2162	4	5.59e-04	-2.26e-03	-5.85e-03	-1.21e-04	6.41e-05	-4.27e-06
2163	1	-6.06e-03	-2.42e-03	-4.55e-03	-8.62e-05	-4.25e-04	-2.11e-04
2163	2	1.62e-03	-5.99e-03	-0.02	-3.29e-04	1.67e-04	1.53e-05
2163	3	-1.67e-03	-1.34e-03	-3.12e-03	-5.90e-05	-1.10e-04	-6.52e-05
2163	4	6.02e-04	-2.40e-03	-7.16e-03	-1.31e-04	6.53e-05	1.86e-06
2164	1	-6.63e-03	-2.72e-03	-5.64e-03	-1.26e-04	-5.04e-04	-6.56e-05
2164	2	1.66e-03	-6.20e-03	-0.02	-3.50e-04	1.67e-04	2.38e-05
2164	3	-1.84e-03	-1.46e-03	-3.80e-03	-7.35e-05	-1.34e-04	-1.68e-05
2164	4	6.15e-04	-2.49e-03	-8.55e-03	-1.40e-04	6.47e-05	9.63e-06
2165	1	-6.88e-03	-2.93e-03	-7.21e-03	-1.77e-04	-4.98e-04	-6.55e-05
2165	2	1.61e-03	-6.28e-03	-0.03	-3.69e-04	1.66e-04	2.36e-05
2165	3	-1.92e-03	-1.54e-03	-4.65e-03	-9.08e-05	-1.32e-04	-1.69e-05
2165	4	5.97e-04	-2.53e-03	-0.01	-1.48e-04	6.43e-05	9.55e-06
2166	1	-6.78e-03	-3.03e-03	-9.27e-03	-2.19e-04	-4.25e-04	-5.54e-05
2166	2	1.47e-03	-6.25e-03	-0.03	-3.85e-04	1.64e-04	2.32e-05
2166	3	-1.90e-03	-1.57e-03	-5.66e-03	-1.06e-04	-1.11e-04	-1.39e-05
2166	4	5.45e-04	-2.53e-03	-0.01	-1.55e-04	6.37e-05	9.39e-06
2167	1	-6.36e-03	-3.03e-03	-0.01	-2.46e-04	-2.96e-04	-3.85e-05
2167	2	1.25e-03	-6.13e-03	-0.03	-3.97e-04	1.61e-04	2.30e-05
2167	3	-1.79e-03	-1.57e-03	-6.80e-03	-1.15e-04	-7.24e-05	-8.83e-06
2167	4	4.61e-04	-2.49e-03	-0.01	-1.60e-04	6.28e-05	9.40e-06
2168	1	-5.65e-03	-2.94e-03	-0.01	-2.40e-04	-1.46e-04	-1.86e-05
2168	2	9.57e-04	-5.92e-03	-0.04	-4.05e-04	1.58e-04	2.37e-05
2168	3	-1.61e-03	-1.53e-03	-7.99e-03	-1.15e-04	-2.83e-05	-1.85e-06
2168	4	3.50e-04	-2.41e-03	-0.01	-1.64e-04	6.16e-05	1.07e-05
2169	1	-4.74e-03	-2.81e-03	-0.02	-2.16e-04	-1.39e-05	0.0
2169	2	6.10e-04	-5.64e-03	-0.04	-4.08e-04	1.52e-04	2.31e-05
2169	3	-1.37e-03	-1.47e-03	-9.13e-03	-1.09e-04	1.06e-05	3.38e-06
2169	4	2.20e-04	-2.30e-03	-0.02	-1.66e-04	5.98e-05	1.02e-05
2170	1	-3.72e-03	-2.63e-03	-0.02	-1.77e-04	7.87e-05	1.09e-05
2170	2	2.42e-04	-5.31e-03	-0.05	-4.07e-04	1.47e-04	1.87e-05
2170	3	-1.09e-03	-1.38e-03	-0.01	-9.84e-05	3.76e-05	4.93e-06
2170	4	8.21e-05	-2.18e-03	-0.02	-1.67e-04	5.65e-05	7.22e-06



2171	1	-2.68e-03	-2.44e-03	-0.02	-1.36e-04	1.15e-04	1.56e-05
2171	2	-1.09e-04	-4.95e-03	-0.05	-4.00e-04	1.30e-04	1.67e-05
2171	3	-8.10e-04	-1.29e-03	-0.01	-8.65e-05	4.76e-05	5.97e-06
2171	4	-4.89e-05	-2.03e-03	-0.02	-1.65e-04	5.20e-05	6.30e-06
2172	1	-1.71e-03	-2.23e-03	-0.02	-9.98e-05	9.66e-05	9.43e-06
2172	2	-3.92e-04	-4.58e-03	-0.05	-3.93e-04	1.12e-04	1.70e-05
2172	3	-5.44e-04	-1.19e-03	-0.01	-7.64e-05	4.12e-05	5.25e-06
2172	4	-1.54e-04	-1.88e-03	-0.02	-1.63e-04	4.58e-05	7.48e-06
2173	1	-5.17e-04	-9.68e-04	-1.02e-03	-7.22e-05	-2.41e-05	-5.75e-05
2173	2	-1.90e-04	-1.40e-03	-1.26e-03	-9.16e-05	4.16e-05	2.99e-05
2173	3	-1.75e-04	-4.28e-04	-4.38e-04	-3.06e-05	-5.34e-06	-1.93e-05
2173	4	-7.84e-05	-5.55e-04	-5.09e-04	-3.64e-05	1.41e-05	6.60e-06
2174	1	-1.35e-03	-1.77e-03	-2.20e-03	-1.04e-04	-6.43e-05	5.32e-06
2174	2	6.76e-05	-2.72e-03	-2.86e-03	-1.44e-04	9.52e-05	-3.74e-05
2174	3	-4.03e-04	-8.01e-04	-9.47e-04	-4.52e-05	-1.32e-05	-5.95e-06
2174	4	1.73e-05	-1.08e-03	-1.14e-03	-5.71e-05	3.40e-05	-1.86e-05
2175	1	0.0	0.0	0.0	-7.11e-05	0.0	0.0
2175	2	0.0	0.0	0.0	-8.68e-05	0.0	-3.48e-06
2175	3	0.0	0.0	0.0	-3.02e-05	0.0	2.04e-06
2175	4	0.0	0.0	0.0	-3.48e-05	0.0	0.0
2176	1	-2.29e-03	-2.25e-03	-3.49e-03	-1.37e-04	-1.04e-04	-1.59e-05
2176	2	3.37e-04	-3.67e-03	-4.67e-03	-1.87e-04	1.17e-04	1.45e-05
2176	3	-6.61e-04	-1.04e-03	-1.51e-03	-5.91e-05	-2.39e-05	-4.30e-06
2176	4	1.17e-04	-1.46e-03	-1.86e-03	-7.38e-05	4.16e-05	4.71e-06
2177	1	-3.34e-03	-2.56e-03	-5.13e-03	-1.73e-04	-1.69e-04	-2.47e-05
2177	2	6.20e-04	-4.49e-03	-6.89e-03	-2.27e-04	1.39e-04	1.76e-05
2177	3	-9.51e-04	-1.22e-03	-2.22e-03	-7.38e-05	-4.13e-05	-6.66e-06
2177	4	2.22e-04	-1.79e-03	-2.74e-03	-8.99e-05	4.98e-05	5.85e-06
2178	1	-4.40e-03	-2.68e-03	-7.10e-03	-2.04e-04	-2.57e-04	-3.64e-05
2178	2	8.86e-04	-5.18e-03	-9.49e-03	-2.64e-04	1.53e-04	1.97e-05
2178	3	-1.25e-03	-1.33e-03	-3.06e-03	-8.68e-05	-6.64e-05	-9.91e-06
2178	4	3.20e-04	-2.07e-03	-3.77e-03	-1.05e-04	5.53e-05	6.72e-06
2179	1	-5.38e-03	-2.65e-03	-9.28e-03	-2.19e-04	-3.86e-04	1.35e-04
2179	2	1.11e-03	-5.75e-03	-0.01	-2.98e-04	1.61e-04	2.47e-05
2179	3	-1.52e-03	-1.38e-03	-4.00e-03	-9.46e-05	-1.04e-04	4.59e-05
2179	4	4.03e-04	-2.30e-03	-4.93e-03	-1.18e-04	5.78e-05	1.32e-05
2180	1	-6.18e-03	-2.48e-03	-0.01	-2.10e-04	-4.39e-04	-1.91e-04
2180	2	1.27e-03	-6.19e-03	-0.02	-3.27e-04	1.63e-04	3.68e-05
2180	3	-1.74e-03	-1.38e-03	-4.98e-03	-9.54e-05	-1.20e-04	-4.96e-05
2180	4	4.61e-04	-2.48e-03	-6.22e-03	-1.30e-04	5.82e-05	1.80e-05
2181	1	-6.72e-03	-2.24e-03	-0.01	-1.72e-04	-5.16e-04	-6.95e-05
2181	2	1.35e-03	-6.51e-03	-0.02	-3.52e-04	1.64e-04	2.11e-05
2181	3	-1.90e-03	-1.35e-03	-5.92e-03	-8.69e-05	-1.42e-04	-1.96e-05
2181	4	4.91e-04	-2.61e-03	-7.61e-03	-1.40e-04	5.97e-05	7.20e-06
2182	1	-6.94e-03	-1.99e-03	-0.01	-1.17e-04	-5.12e-04	-6.94e-05
2182	2	1.34e-03	-6.72e-03	-0.02	-3.73e-04	1.62e-04	2.09e-05
2182	3	-1.97e-03	-1.30e-03	-6.72e-03	-7.31e-05	-1.41e-04	-1.96e-05
2182	4	4.87e-04	-2.70e-03	-9.10e-03	-1.49e-04	5.89e-05	7.21e-06
2183	1	-6.83e-03	-1.76e-03	-0.02	-6.43e-05	-4.39e-04	-5.92e-05
2183	2	1.25e-03	-6.81e-03	-0.03	-3.90e-04	1.58e-04	2.04e-05
2183	3	-1.94e-03	-1.24e-03	-7.39e-03	-5.98e-05	-1.19e-04	-1.65e-05
2183	4	4.51e-04	-2.74e-03	-0.01	-1.56e-04	5.76e-05	7.05e-06
2184	1	-6.40e-03	-1.59e-03	-0.02	-2.60e-05	-3.10e-04	-4.27e-05
2184	2	1.06e-03	-6.79e-03	-0.03	-4.03e-04	1.53e-04	1.97e-05
2184	3	-1.83e-03	-1.20e-03	-7.93e-03	-5.05e-05	-8.11e-05	-1.17e-05
2184	4	3.82e-04	-2.74e-03	-0.01	-1.62e-04	5.61e-05	6.74e-06
2185	1	-5.68e-03	-1.47e-03	-0.02	-2.45e-05	-1.59e-04	-2.72e-05
2185	2	8.06e-04	-6.66e-03	-0.03	-4.12e-04	1.48e-04	1.74e-05
2185	3	-1.64e-03	-1.15e-03	-8.43e-03	-5.17e-05	-3.66e-05	-8.30e-06
2185	4	2.86e-04	-2.69e-03	-0.01	-1.67e-04	5.44e-05	4.93e-06
2186	1	-4.77e-03	-1.38e-03	-0.02	-4.31e-05	-2.66e-05	-7.56e-06
2186	2	4.94e-04	-6.42e-03	-0.04	-4.20e-04	1.40e-04	1.76e-05
2186	3	-1.39e-03	-1.10e-03	-8.97e-03	-5.87e-05	2.14e-06	-2.20e-06
2186	4	1.70e-04	-2.60e-03	-0.02	-1.70e-04	5.15e-05	5.24e-06
2187	1	-3.74e-03	-1.30e-03	-0.02	-8.10e-05	6.56e-05	1.00e-05
2187	2	1.58e-04	-6.08e-03	-0.04	-4.23e-04	1.27e-04	1.68e-05
2187	3	-1.11e-03	-1.05e-03	-9.62e-03	-7.11e-05	2.84e-05	4.34e-06
2187	4	4.48e-05	-2.46e-03	-0.02	-1.72e-04	4.67e-05	6.34e-06
2188	1	-2.69e-03	-1.22e-03	-0.02	-1.22e-04	1.02e-04	1.60e-05
2188	2	-1.66e-04	-5.63e-03	-0.05	-4.27e-04	1.13e-04	1.62e-05
2188	3	-8.24e-04	-9.82e-04	-0.01	-8.46e-05	6.27e-05	6.27e-06
2188	4	-7.50e-05	-2.29e-03	-0.02	-1.75e-04	4.11e-05	6.34e-06
2189	1	-1.72e-03	-1.13e-03	-0.02	-1.62e-04	8.03e-05	3.82e-06
2189	2	-4.28e-04	-5.07e-03	-0.05	-4.34e-04	8.21e-05	6.01e-06
2189	3	-5.54e-04	-9.00e-04	-0.01	-9.83e-05	2.83e-05	0.0
2189	4	-1.71e-04	-2.07e-03	-0.02	-1.79e-04	2.89e-05	1.33e-06
2190	1	2.12e-04	-4.51e-04	-4.95e-03	-4.64e-05	-3.28e-05	-7.46e-06



2190	2	7.78e-03	-3.49e-03	-0.02	-2.57e-04	2.20e-04	2.97e-05
2190	3	6.90e-04	-4.97e-04	-3.77e-03	-4.27e-05	3.19e-06	-1.68e-06
2190	4	2.93e-03	-1.40e-03	-8.35e-03	-1.05e-04	7.82e-05	9.33e-06
2191	1	4.48e-04	-4.25e-04	-5.48e-03	-5.87e-05	-1.77e-05	-1.88e-06
2191	2	6.63e-03	-3.38e-03	-0.02	-2.70e-04	1.81e-04	2.29e-05
2191	3	6.78e-04	-4.74e-04	-4.23e-03	-4.80e-05	4.06e-06	0.0
2191	4	2.51e-03	-1.35e-03	-9.44e-03	-1.11e-04	6.30e-05	8.11e-06
2192	1	4.90e-04	-9.22e-04	-9.83e-04	-6.97e-05	2.44e-05	5.75e-05
2192	2	1.90e-04	-1.40e-03	-1.26e-03	-9.16e-05	-4.16e-05	-2.99e-05
2192	3	1.67e-04	-4.14e-04	-4.28e-04	-2.99e-05	5.44e-06	1.93e-05
2192	4	7.84e-05	-5.55e-04	-5.09e-04	-3.64e-05	-1.41e-05	-6.60e-06
2193	1	1.28e-03	-1.69e-03	-2.12e-03	-9.99e-05	6.46e-05	-5.05e-06
2193	2	-6.76e-05	-2.72e-03	-2.86e-03	-1.44e-04	-9.52e-05	3.74e-05
2193	3	3.81e-04	-7.76e-04	-9.24e-04	-4.40e-05	1.33e-05	6.03e-06
2193	4	-1.73e-05	-1.08e-03	-1.14e-03	-5.71e-05	-3.40e-05	1.86e-05
2194	1	0.0	0.0	0.0	-6.87e-05	0.0	0.0
2194	2	0.0	0.0	0.0	-8.68e-05	0.0	3.48e-06
2194	3	0.0	0.0	0.0	-2.95e-05	0.0	-2.13e-06
2194	4	0.0	0.0	0.0	-3.48e-05	0.0	0.0
2195	1	2.16e-03	-2.15e-03	-3.36e-03	-1.31e-04	1.03e-04	1.57e-05
2195	2	-3.37e-04	-3.67e-03	-4.67e-03	-1.87e-04	-1.17e-04	-1.45e-05
2195	3	6.23e-04	-1.01e-03	-1.47e-03	-5.72e-05	2.36e-05	4.25e-06
2195	4	-1.17e-04	-1.46e-03	-1.86e-03	-7.38e-05	-4.16e-05	-4.71e-06
2196	1	3.15e-03	-2.45e-03	-4.91e-03	-1.64e-04	1.64e-04	2.40e-05
2196	2	-6.20e-04	-4.49e-03	-6.89e-03	-2.27e-04	-1.39e-04	-1.76e-05
2196	3	8.95e-04	-1.18e-03	-2.15e-03	-7.10e-05	3.99e-05	6.46e-06
2196	4	-2.22e-04	-1.79e-03	-2.74e-03	-8.99e-05	-4.98e-05	-5.85e-06
2197	1	4.15e-03	-2.58e-03	-6.76e-03	-1.91e-04	2.46e-04	3.47e-05
2197	2	-8.86e-04	-5.18e-03	-9.49e-03	-2.64e-04	-1.53e-04	-1.97e-05
2197	3	1.17e-03	-1.30e-03	-2.96e-03	-8.30e-05	6.29e-05	9.42e-06
2197	4	-3.20e-04	-2.07e-03	-3.77e-03	-1.05e-04	-5.53e-05	-6.72e-06
2198	1	5.08e-03	-2.56e-03	-8.80e-03	-2.03e-04	3.61e-04	-1.18e-04
2198	2	-1.11e-03	-5.75e-03	-0.01	-2.98e-04	-1.61e-04	-2.47e-05
2198	3	1.43e-03	-1.35e-03	-3.86e-03	-9.01e-05	9.69e-05	-4.08e-05
2198	4	-4.03e-04	-2.30e-03	-4.93e-03	-1.18e-04	-5.78e-05	-1.32e-05
2199	1	5.83e-03	-2.42e-03	-0.01	-1.95e-04	4.07e-04	1.68e-04
2199	2	-1.27e-03	-6.19e-03	-0.02	-3.27e-04	-1.63e-04	-3.68e-05
2199	3	1.64e-03	-1.36e-03	-4.79e-03	-9.09e-05	1.11e-04	4.27e-05
2199	4	-4.61e-04	-2.48e-03	-6.22e-03	-1.30e-04	-5.82e-05	-1.80e-05
2200	1	6.35e-03	-2.21e-03	-0.01	-1.63e-04	4.73e-04	6.39e-05
2200	2	-1.35e-03	-6.51e-03	-0.02	-3.52e-04	-1.64e-04	-2.11e-05
2200	3	1.79e-03	-1.34e-03	-5.69e-03	-8.41e-05	1.29e-04	1.80e-05
2200	4	-4.91e-04	-2.61e-03	-7.61e-03	-1.40e-04	-5.97e-05	-7.20e-06
2201	1	6.57e-03	-1.99e-03	-0.01	-1.15e-04	4.68e-04	6.36e-05
2201	2	-1.34e-03	-6.72e-03	-0.02	-3.73e-04	-1.62e-04	-2.09e-05
2201	3	1.86e-03	-1.30e-03	-6.48e-03	-7.27e-05	1.28e-04	1.78e-05
2201	4	-4.87e-04	-2.70e-03	-9.10e-03	-1.49e-04	-5.89e-05	-7.21e-06
2202	1	6.48e-03	-1.78e-03	-0.01	-7.02e-05	4.03e-04	5.44e-05
2202	2	-1.25e-03	-6.81e-03	-0.03	-3.90e-04	-1.58e-04	-2.04e-05
2202	3	1.84e-03	-1.25e-03	-7.16e-03	-6.16e-05	1.09e-04	1.51e-05
2202	4	-4.51e-04	-2.74e-03	-0.01	-1.56e-04	-5.76e-05	-7.05e-06
2203	1	6.08e-03	-1.62e-03	-0.02	-3.61e-05	2.87e-04	3.97e-05
2203	2	-1.06e-03	-6.79e-03	-0.03	-4.03e-04	-1.53e-04	-1.97e-05
2203	3	1.74e-03	-1.20e-03	-7.72e-03	-5.35e-05	7.45e-05	1.08e-05
2203	4	-3.82e-04	-2.74e-03	-0.01	-1.62e-04	-5.61e-05	-6.74e-06
2204	1	5.42e-03	-1.50e-03	-0.02	-3.34e-05	1.51e-04	2.56e-05
2204	2	-8.06e-04	-6.66e-03	-0.03	-4.12e-04	-1.48e-04	-1.74e-05
2204	3	1.56e-03	-1.16e-03	-8.25e-03	-5.43e-05	3.42e-05	7.82e-06
2204	4	-2.86e-04	-2.69e-03	-0.01	-1.67e-04	-5.44e-05	-4.93e-06
2205	1	4.57e-03	-1.41e-03	-0.02	-4.83e-05	2.85e-05	7.50e-06
2205	2	-4.94e-04	-6.42e-03	-0.04	-4.20e-04	-1.40e-04	-1.76e-05
2205	3	1.33e-03	-1.11e-03	-8.82e-03	-6.03e-05	-1.56e-06	2.18e-06
2205	4	-1.70e-04	-2.60e-03	-0.02	-1.70e-04	-5.15e-05	-5.24e-06
2206	1	3.61e-03	-1.33e-03	-0.02	-8.25e-05	-5.92e-05	-9.14e-06
2206	2	-1.58e-04	-6.08e-03	-0.04	-4.23e-04	-1.27e-04	-1.68e-05
2206	3	1.07e-03	-1.06e-03	-9.47e-03	-7.15e-05	-2.65e-05	-4.07e-06
2206	4	-4.48e-05	-2.46e-03	-0.02	-1.72e-04	-6.34e-05	-6.34e-06
2207	1	2.62e-03	-1.25e-03	-0.02	-1.21e-04	-9.55e-05	-1.51e-05
2207	2	1.66e-04	-5.63e-03	-0.05	-4.27e-04	-1.13e-04	-1.62e-05
2207	3	8.03e-04	-9.91e-04	-0.01	-8.41e-05	-3.60e-05	-6.00e-06
2207	4	7.49e-05	-2.29e-03	-0.02	-1.75e-04	-6.31e-05	-6.34e-06
2208	1	1.70e-03	-1.16e-03	-0.02	-1.59e-04	-7.76e-05	-3.75e-06
2208	2	4.28e-04	-5.07e-03	-0.05	-4.34e-04	-8.21e-05	-6.01e-06
2208	3	5.49e-04	-9.09e-04	-0.01	-9.74e-05	-2.75e-05	0.0
2208	4	1.71e-04	-2.07e-03	-0.02	-1.79e-04	-2.89e-05	-1.33e-06
2209	1	2.30e-04	-3.15e-04	-4.60e-04	-3.70e-05	2.32e-05	2.34e-05
2209	2	-4.15e-04	-1.50e-03	-1.95e-03	-1.45e-04	-3.39e-05	-8.20e-05



2209	3	2.95e-05	-2.42e-04	-3.26e-04	-2.42e-05	2.93e-06	-3.88e-06
2209	4	-1.62e-04	-5.94e-04	-7.68e-04	-5.61e-05	-1.40e-05	-3.51e-05
2210	1	1.04e-03	-6.81e-04	-1.06e-03	-5.39e-05	6.46e-05	-3.49e-05
2210	2	-6.27e-04	-2.86e-03	-4.19e-03	-1.91e-04	-8.45e-05	0.0
2210	3	2.54e-04	-4.87e-04	-7.14e-04	-3.39e-05	1.12e-05	-1.50e-05
2210	4	-2.40e-04	-1.13e-03	-1.64e-03	-7.46e-05	-3.30e-05	-4.86e-06
2211	1	0.0	0.0	0.0	-3.16e-05	0.0	4.71e-06
2211	2	0.0	0.0	0.0	-1.41e-04	0.0	-2.78e-06
2211	3	0.0	0.0	0.0	-2.26e-05	0.0	3.33e-06
2211	4	0.0	0.0	0.0	-5.52e-05	0.0	1.11e-06
2212	1	1.94e-03	-9.93e-04	-1.68e-03	-5.91e-05	9.89e-05	1.27e-05
2212	2	-8.54e-04	-3.80e-03	-6.44e-03	-2.25e-04	-1.13e-04	-1.65e-05
2212	3	5.06e-04	-6.76e-04	-1.11e-03	-3.89e-05	1.87e-05	1.78e-06
2212	4	-3.23e-04	-1.51e-03	-2.52e-03	-8.80e-05	-4.40e-05	-6.85e-06
2213	1	2.96e-03	-1.32e-03	-2.32e-03	-5.95e-05	1.59e-04	2.09e-05
2213	2	-1.09e-03	-4.57e-03	-9.00e-03	-2.55e-04	-1.36e-04	-1.95e-05
2213	3	7.89e-04	-8.55e-04	-1.54e-03	-4.23e-05	3.46e-05	3.99e-06
2213	4	-4.11e-04	-1.82e-03	-3.53e-03	-1.00e-04	-5.26e-05	-7.97e-06
2214	1	3.99e-03	-1.66e-03	-2.95e-03	-5.96e-05	2.39e-04	3.17e-05
2214	2	-1.32e-03	-5.19e-03	-0.01	-2.82e-04	-1.52e-04	-2.16e-05
2214	3	1.08e-03	-1.02e-03	-2.01e-03	-4.54e-05	5.71e-05	7.08e-06
2214	4	-4.93e-04	-2.07e-03	-4.64e-03	-1.11e-04	-5.87e-05	-8.71e-06
2215	1	4.94e-03	-2.01e-03	-3.62e-03	-6.79e-05	3.49e-04	-9.33e-05
2215	2	-1.50e-03	-5.66e-03	-0.01	-3.06e-04	-1.64e-04	0.0
2215	3	1.35e-03	-1.18e-03	-2.51e-03	-5.08e-05	8.79e-05	-2.34e-05
2215	4	-5.59e-04	-2.26e-03	-5.85e-03	-1.21e-04	-6.41e-05	4.27e-06
2216	1	5.72e-03	-2.34e-03	-4.43e-03	-8.82e-05	3.94e-04	1.88e-04
2216	2	-1.62e-03	-5.99e-03	-0.02	-3.29e-04	-1.67e-04	-1.53e-05
2216	3	1.57e-03	-1.32e-03	-3.09e-03	-5.96e-05	1.01e-04	5.84e-05
2216	4	-6.02e-04	-2.40e-03	-7.16e-03	-1.31e-04	-6.53e-05	-1.86e-06
2217	1	6.26e-03	-2.62e-03	-5.53e-03	-1.25e-04	4.62e-04	6.00e-05
2217	2	-1.66e-03	-6.20e-03	-0.02	-3.50e-04	-1.67e-04	-2.38e-05
2217	3	1.73e-03	-1.43e-03	-3.77e-03	-7.30e-05	1.22e-04	1.52e-05
2217	4	-6.16e-04	-2.49e-03	-8.55e-03	-1.40e-04	-6.47e-05	-9.63e-06
2218	1	6.50e-03	-2.83e-03	-7.06e-03	-1.70e-04	4.55e-04	5.98e-05
2218	2	-1.61e-03	-6.28e-03	-0.03	-3.69e-04	-1.66e-04	-2.36e-05
2218	3	1.81e-03	-1.51e-03	-4.60e-03	-8.87e-05	1.20e-04	1.52e-05
2218	4	-5.97e-04	-2.53e-03	-0.01	-1.48e-04	-6.43e-05	-9.54e-06
2219	1	6.43e-03	-2.94e-03	-9.02e-03	-2.08e-04	3.89e-04	5.07e-05
2219	2	-1.47e-03	-6.25e-03	-0.03	-3.85e-04	-1.64e-04	-2.32e-05
2219	3	1.80e-03	-1.55e-03	-5.59e-03	-1.02e-04	1.00e-04	1.25e-05
2219	4	-5.45e-04	-2.53e-03	-0.01	-1.55e-04	-6.37e-05	-9.39e-06
2220	1	6.04e-03	-2.95e-03	-0.01	-2.34e-04	2.74e-04	3.56e-05
2220	2	-1.25e-03	-6.13e-03	-0.03	-3.97e-04	-1.61e-04	-2.30e-05
2220	3	1.70e-03	-1.54e-03	-6.69e-03	-1.12e-04	6.59e-05	7.95e-06
2220	4	-4.61e-04	-2.49e-03	-0.01	-1.60e-04	-6.28e-05	-9.40e-06
2221	1	5.39e-03	-2.88e-03	-0.01	-2.30e-04	1.38e-04	1.71e-05
2221	2	-9.57e-04	-5.92e-03	-0.04	-4.05e-04	-1.58e-04	-2.37e-05
2221	3	1.53e-03	-1.51e-03	-7.84e-03	-1.12e-04	2.60e-05	1.40e-06
2221	4	-3.50e-04	-2.41e-03	-0.01	-1.64e-04	-6.16e-05	-1.07e-05
2222	1	4.54e-03	-2.75e-03	-0.02	-2.10e-04	1.60e-05	0.0
2222	2	-6.10e-04	-5.64e-03	-0.04	-4.08e-04	-1.52e-04	-2.31e-05
2222	3	1.31e-03	-1.45e-03	-8.96e-03	-1.08e-04	-1.00e-05	-3.38e-06
2222	4	-2.20e-04	-2.30e-03	-0.02	-1.66e-04	-5.98e-05	-1.02e-05
2223	1	3.58e-03	-2.59e-03	-0.02	-1.75e-04	-7.22e-05	-1.00e-05
2223	2	-2.42e-04	-5.31e-03	-0.05	-4.07e-04	-1.42e-04	-1.87e-05
2223	3	1.05e-03	-1.37e-03	-0.01	-9.80e-05	-3.57e-05	-4.67e-06
2223	4	-8.21e-05	-2.18e-03	-0.02	-1.67e-04	-5.65e-05	-7.22e-06
2224	1	2.61e-03	-2.40e-03	-0.02	-1.38e-04	-1.09e-04	-1.47e-05
2224	2	1.09e-04	-4.95e-03	-0.05	-4.00e-04	-1.30e-04	-1.67e-05
2224	3	7.89e-04	-1.28e-03	-0.01	-8.70e-05	-4.57e-05	-5.70e-06
2224	4	4.89e-05	-2.03e-03	-0.02	-1.65e-04	-5.20e-05	-6.30e-06
2225	1	1.69e-03	-2.19e-03	-0.02	-1.04e-04	-9.42e-05	-9.52e-06
2225	2	3.92e-04	-4.58e-03	-0.05	-3.93e-04	-1.12e-04	-1.70e-05
2225	3	5.39e-04	-1.18e-03	-0.01	-7.75e-05	-4.05e-05	-5.28e-06
2225	4	1.54e-04	-1.88e-03	-0.02	-1.63e-04	-4.58e-05	-7.48e-06
2226	1	6.77e-04	-3.77e-04	-6.16e-03	-7.59e-05	-1.86e-05	0.0
2226	2	5.33e-03	-3.12e-03	-0.03	-3.00e-04	1.25e-04	1.81e-05
2226	3	6.53e-04	-4.32e-04	-4.75e-03	-5.64e-05	-1.46e-06	0.0
2226	4	2.03e-03	-1.24e-03	-0.01	-1.23e-04	4.11e-05	6.45e-06
2227	1	8.87e-04	-2.95e-04	-7.06e-03	-1.01e-04	-4.78e-05	-1.25e-05
2227	2	4.04e-03	-2.64e-03	-0.03	-3.40e-04	1.37e-05	-7.49e-06
2227	3	6.23e-04	-3.59e-04	-5.39e-03	-6.85e-05	-2.10e-05	-6.13e-06
2227	4	1.56e-03	-1.05e-03	-0.01	-1.39e-04	-2.81e-06	-4.66e-06
2228	1	-1.36e-05	-9.46e-05	-1.58e-04	-9.98e-06	4.57e-06	1.09e-05
2228	2	6.80e-04	-9.89e-04	-2.18e-03	-1.61e-04	1.53e-04	2.33e-04
2228	3	5.26e-05	-1.24e-04	-2.42e-04	-1.68e-05	1.43e-05	2.51e-05



2228	4	2.58e-04	-3.89e-04	-8.40e-04	-6.15e-05	5.84e-05	9.08e-05
2229	1	-1.05e-04	-2.02e-04	-3.02e-04	-1.12e-05	0.0	1.66e-05
2229	2	1.83e-03	-1.79e-03	-4.33e-03	-1.65e-04	3.45e-04	-4.47e-05
2229	3	1.14e-04	-2.38e-04	-4.75e-04	-1.83e-05	2.77e-05	6.17e-06
2229	4	6.86e-04	-7.07e-04	-1.67e-03	-6.40e-05	1.30e-04	-1.20e-05
2230	1	0.0	0.0	0.0	-1.04e-05	0.0	-5.79e-06
2230	2	0.0	0.0	0.0	-1.64e-04	1.63e-06	-2.34e-06
2230	3	0.0	0.0	0.0	-1.71e-05	0.0	-4.18e-06
2230	4	0.0	0.0	0.0	-6.25e-05	0.0	-3.16e-06
2231	1	-2.03e-04	-2.96e-04	-4.20e-04	-9.88e-06	-6.00e-06	0.0
2231	2	3.08e-03	-2.28e-03	-6.06e-03	-1.57e-04	4.20e-04	5.76e-05
2231	3	1.81e-04	-3.19e-04	-6.71e-04	-1.79e-05	3.18e-05	5.12e-06
2231	4	1.15e-03	-9.07e-04	-2.34e-03	-6.15e-05	1.58e-04	2.21e-05
2232	1	-3.08e-04	-3.96e-04	-5.27e-04	-9.48e-06	-2.20e-05	-1.93e-06
2232	2	4.46e-03	-2.65e-03	-7.67e-03	-1.47e-04	4.66e-04	6.37e-05
2232	3	2.57e-04	-3.90e-04	-8.61e-04	-1.77e-05	3.04e-05	4.92e-06
2232	4	1.67e-03	-1.06e-03	-2.98e-03	-5.86e-05	1.75e-04	2.44e-05
2233	1	-4.05e-04	-5.00e-04	-6.40e-04	-1.11e-05	-4.34e-05	-4.88e-06
2233	2	5.84e-03	-2.90e-03	-9.18e-03	-1.42e-04	4.73e-04	6.50e-05
2233	3	3.35e-04	-4.51e-04	-1.05e-03	-1.85e-05	2.46e-05	4.08e-06
2233	4	2.19e-03	-1.16e-03	-3.58e-03	-5.72e-05	1.78e-04	2.48e-05
2234	1	-4.81e-04	-6.05e-04	-7.85e-04	-1.62e-05	-6.95e-05	1.55e-05
2234	2	7.11e-03	-3.03e-03	-0.01	-1.43e-04	4.48e-04	1.03e-04
2234	3	4.12e-04	-5.02e-04	-1.26e-03	-2.07e-05	1.55e-05	8.41e-06
2234	4	2.66e-03	-1.22e-03	-4.17e-03	-5.82e-05	1.69e-04	3.44e-05
2235	1	-5.21e-04	-7.03e-04	-9.99e-04	-2.46e-05	-8.03e-05	-5.28e-05
2235	2	8.19e-03	-3.06e-03	-0.01	-1.50e-04	4.28e-04	-2.51e-05
2235	3	4.84e-04	-5.41e-04	-1.49e-03	-2.43e-05	1.07e-05	-2.19e-05
2235	4	3.06e-03	-1.24e-03	-4.78e-03	-6.15e-05	1.61e-04	-1.37e-05
2236	1	-5.16e-04	-7.88e-04	-1.31e-03	-3.60e-05	-9.87e-05	-1.19e-05
2236	2	8.99e-03	-2.98e-03	-0.01	-1.63e-04	3.73e-04	5.18e-05
2236	3	5.50e-04	-5.66e-04	-1.76e-03	-2.93e-05	0.0	0.0
2236	4	3.37e-03	-1.22e-03	-5.43e-03	-6.68e-05	1.40e-04	1.99e-05
2237	1	-4.59e-04	-8.52e-04	-1.76e-03	-4.91e-05	-1.01e-04	-1.24e-05
2237	2	9.47e-03	-2.81e-03	-0.02	-1.79e-04	3.32e-04	4.64e-05
2237	3	6.07e-04	-5.77e-04	-2.09e-03	-3.50e-05	-3.59e-06	0.0
2237	4	3.55e-03	-1.16e-03	-6.13e-03	-7.33e-05	1.24e-04	1.78e-05
2238	1	-3.49e-04	-8.91e-04	-2.33e-03	-6.16e-05	-9.12e-05	-1.11e-05
2238	2	9.60e-03	-2.56e-03	-0.02	-1.95e-04	2.98e-04	4.15e-05
2238	3	6.53e-04	-5.71e-04	-2.47e-03	-4.06e-05	-3.58e-06	0.0
2238	4	3.60e-03	-1.06e-03	-6.90e-03	-8.02e-05	1.12e-04	1.59e-05
2239	1	-1.89e-04	-9.00e-04	-3.02e-03	-7.24e-05	-7.17e-05	-8.43e-06
2239	2	9.36e-03	-2.24e-03	-0.02	-2.10e-04	2.72e-04	3.82e-05
2239	3	6.86e-04	-5.51e-04	-2.91e-03	-4.54e-05	0.0	0.0
2239	4	3.51e-03	-9.48e-04	-7.73e-03	-8.62e-05	1.02e-04	1.48e-05
2240	1	1.00e-05	-8.82e-04	-3.79e-03	-7.80e-05	-4.71e-05	-2.49e-06
2240	2	8.76e-03	-1.89e-03	-0.02	-2.21e-04	2.52e-04	3.75e-05
2240	3	7.04e-04	-5.17e-04	-3.39e-03	-4.84e-05	5.56e-06	3.62e-06
2240	4	3.30e-03	-8.16e-04	-8.61e-03	-9.07e-05	9.43e-05	1.55e-05
2241	1	2.34e-04	-8.40e-04	-4.59e-03	-7.90e-05	-2.29e-05	0.0
2241	2	7.84e-03	-1.53e-03	-0.02	-2.19e-04	2.31e-04	3.68e-05
2241	3	7.05e-04	-4.74e-04	-3.88e-03	-4.91e-05	1.09e-05	4.17e-06
2241	4	2.96e-03	-6.80e-04	-9.52e-03	-9.07e-05	8.60e-05	1.49e-05
2242	1	4.66e-04	-7.81e-04	-5.37e-03	-7.28e-05	-6.43e-06	-1.39e-06
2242	2	6.67e-03	-1.21e-03	-0.03	-2.13e-04	1.93e-04	2.38e-05
2242	3	6.90e-04	-4.28e-04	-4.37e-03	-4.70e-05	1.27e-05	1.19e-06
2242	4	2.53e-03	-5.56e-04	-0.01	-8.84e-05	7.18e-05	8.64e-06
2243	1	6.90e-04	-7.16e-04	-6.05e-03	-6.11e-05	-6.28e-06	-1.75e-06
2243	2	5.36e-03	-9.75e-04	-0.03	-1.86e-04	1.39e-04	1.72e-05
2243	3	6.62e-04	-3.84e-04	-4.81e-03	-4.15e-05	7.76e-06	0.0
2243	4	2.05e-03	-4.61e-04	-0.01	-7.86e-05	5.08e-05	5.92e-06
2244	1	8.96e-04	-6.56e-04	-6.57e-03	-4.38e-05	-2.98e-05	-4.21e-06
2244	2	4.06e-03	-8.79e-04	-0.03	-1.53e-04	3.70e-05	3.49e-06
2244	3	6.29e-04	-3.52e-04	-5.19e-03	-3.34e-05	-8.80e-06	-1.23e-06
2244	4	1.57e-03	-4.18e-04	-0.01	-6.59e-05	1.10e-05	1.06e-06
2245	1	1.08e-03	-6.14e-04	-6.92e-03	-3.12e-05	-7.91e-05	-1.01e-05
2245	2	2.99e-03	-9.72e-04	-0.03	-1.12e-04	-1.23e-04	-1.83e-05
2245	3	6.10e-04	-3.39e-04	-5.48e-03	-2.64e-05	-3.85e-05	-4.79e-06
2245	4	1.18e-03	-4.45e-04	-0.01	-5.02e-05	-5.16e-05	-7.22e-06
2246	1	1.25e-03	-6.32e-04	-7.09e-03	-6.97e-05	-1.14e-04	-3.42e-05
2246	2	2.34e-03	-8.34e-04	-0.03	-1.76e-04	-2.65e-04	1.64e-05
2246	3	6.21e-04	-3.28e-04	-5.65e-03	-4.45e-05	-6.25e-05	-1.13e-05
2246	4	9.44e-04	-3.88e-04	-0.01	-7.58e-05	-1.07e-04	3.70e-06
2247	1	-6.98e-05	-1.72e-04	-1.52e-04	-9.60e-06	-2.27e-06	-1.43e-05
2247	2	3.93e-04	-3.87e-04	6.66e-04	4.71e-05	1.54e-04	1.98e-04
2247	3	5.04e-06	-1.00e-04	-2.65e-05	-1.02e-06	9.46e-06	6.25e-06
2247	4	1.42e-04	-1.64e-04	2.16e-04	1.58e-05	5.57e-05	6.91e-05



2248	1	1.39e-03	1.23e-03	-8.35e-03	-6.58e-05	0.0	-2.15e-05
2248	2	3.82e-03	3.97e-03	-0.03	-2.10e-04	0.0	-6.41e-05
2248	3	8.32e-04	8.41e-04	-6.32e-03	-4.60e-05	0.0	-1.27e-05
2248	4	1.55e-03	1.65e-03	-0.01	-8.87e-05	0.0	-2.54e-05
2249	1	-4.08e-04	3.72e-04	-0.02	-2.31e-05	0.0	-2.24e-05
2249	2	-1.31e-04	1.20e-03	-0.06	3.37e-05	0.0	-1.09e-04
2249	3	-1.19e-04	3.55e-04	-0.01	-1.74e-05	0.0	-1.65e-05
2249	4	-3.69e-05	6.01e-04	-0.02	0.0	0.0	-4.21e-05
2250	1	3.16e-04	1.46e-03	-0.02	-1.24e-04	0.0	2.41e-05
2250	2	4.30e-04	4.67e-03	-0.06	-3.63e-04	0.0	1.33e-05
2250	3	1.37e-04	9.99e-04	-0.01	-8.11e-05	0.0	8.30e-06
2250	4	1.71e-04	1.95e-03	-0.02	-1.52e-04	0.0	5.10e-06
2251	1	-4.58e-04	1.59e-04	-0.02	0.0	0.0	-1.97e-05
2251	2	-2.52e-04	1.09e-04	-0.06	1.66e-04	0.0	-1.06e-04
2251	3	-1.47e-04	1.92e-04	-0.01	0.0	0.0	-1.55e-05
2251	4	-8.58e-05	1.77e-04	-0.02	5.01e-05	0.0	-4.12e-05
2252	1	-5.15e-04	-2.42e-05	-0.02	2.01e-05	0.0	-1.66e-05
2252	2	-4.35e-04	-9.25e-04	-0.06	2.93e-04	0.0	-9.70e-05
2252	3	-1.84e-04	4.34e-05	-0.01	1.79e-05	0.0	-1.38e-05
2252	4	-1.60e-04	-2.23e-04	-0.02	9.88e-05	0.0	-3.76e-05
2253	1	-5.79e-04	-1.74e-04	-0.02	3.80e-05	0.0	-1.31e-05
2253	2	-6.71e-04	-1.84e-03	-0.06	4.07e-04	0.0	-8.24e-05
2253	3	-2.29e-04	-8.47e-05	-0.01	3.31e-05	0.0	-1.14e-05
2253	4	-2.56e-04	-5.77e-04	-0.02	1.42e-04	0.0	-3.20e-05
2254	1	-3.52e-04	1.46e-03	-0.02	-1.25e-04	0.0	-2.24e-05
2254	2	-4.30e-04	4.67e-03	-0.06	-3.63e-04	0.0	-1.33e-05
2254	3	-1.48e-04	9.97e-04	-0.01	-8.11e-05	0.0	-7.78e-06
2254	4	-1.71e-04	1.95e-03	-0.02	-1.52e-04	0.0	-5.10e-06
2255	1	-6.48e-04	-2.89e-04	-0.02	5.25e-05	0.0	-9.39e-06
2255	2	-9.50e-04	-2.58e-03	-0.06	5.01e-04	0.0	-6.35e-05
2255	3	-2.81e-04	-1.87e-04	-0.01	4.57e-05	0.0	-8.66e-06
2255	4	-3.70e-04	-8.65e-04	-0.02	1.78e-04	0.0	-2.47e-05
2256	1	-7.21e-04	-3.64e-04	-0.02	6.33e-05	0.0	-5.52e-06
2256	2	-1.26e-03	-3.11e-03	-0.06	5.70e-04	0.0	-4.14e-05
2256	3	-3.37e-04	-2.59e-04	-0.01	5.51e-05	0.0	-5.55e-06
2256	4	-4.97e-04	-1.07e-03	-0.02	2.05e-04	0.0	-1.62e-05
2257	1	-7.96e-04	-4.01e-04	-0.02	7.00e-05	0.0	-1.55e-06
2257	2	-1.60e-03	-3.41e-03	-0.06	6.11e-04	0.0	-1.75e-05
2257	3	-3.97e-04	-2.99e-04	-0.01	6.09e-05	0.0	-2.23e-06
2257	4	-6.34e-04	-1.19e-03	-0.02	2.21e-04	0.0	-6.95e-06
2258	1	-8.73e-04	-3.97e-04	-0.02	7.24e-05	0.0	2.45e-06
2258	2	-1.94e-03	-3.46e-03	-0.06	6.22e-04	0.0	7.40e-06
2258	3	-4.58e-04	-3.04e-04	-0.01	6.29e-05	0.0	1.17e-06
2258	4	-7.75e-04	-1.21e-03	-0.02	2.26e-04	0.0	2.64e-06
2259	1	-1.33e-03	1.19e-03	-8.20e-03	-6.39e-05	0.0	2.05e-05
2259	2	-3.82e-03	3.97e-03	-0.03	-2.10e-04	0.0	6.41e-05
2259	3	-8.15e-04	8.30e-04	-6.27e-03	-4.55e-05	0.0	1.24e-05
2259	4	-1.55e-03	1.65e-03	-0.01	-8.87e-05	0.0	2.54e-05
2260	1	1.39e-03	9.65e-04	-9.53e-03	-4.39e-05	0.0	-2.95e-05
2260	2	3.83e-03	3.07e-03	-0.04	-1.13e-04	0.0	-1.08e-04
2260	3	8.31e-04	6.76e-04	-6.96e-03	-3.14e-05	0.0	-1.88e-05
2260	4	1.55e-03	1.30e-03	-0.02	-5.18e-05	0.0	-4.22e-05
2261	1	1.37e-03	6.79e-04	-0.01	-1.90e-05	0.0	-2.68e-05
2261	2	3.77e-03	1.93e-03	-0.04	1.15e-05	0.0	-1.14e-04
2261	3	8.17e-04	4.88e-04	-7.61e-03	-1.38e-05	0.0	-1.82e-05
2261	4	1.53e-03	8.58e-04	-0.02	-4.77e-06	0.0	-4.39e-05
2262	1	1.33e-03	4.25e-04	-0.01	3.64e-06	0.0	-2.36e-05
2262	2	3.65e-03	7.90e-04	-0.04	1.40e-04	0.0	-1.11e-04
2262	3	7.89e-04	3.10e-04	-8.24e-03	3.47e-06	0.0	-1.69e-05
2262	4	1.48e-03	4.18e-04	-0.02	4.40e-05	0.0	-4.29e-05
2263	1	1.28e-03	2.02e-04	-0.01	2.37e-05	0.0	-2.08e-05
2263	2	3.46e-03	-3.04e-04	-0.05	2.66e-04	0.0	-1.04e-04
2263	3	7.51e-04	1.47e-04	-8.85e-03	1.97e-05	0.0	-1.54e-05
2263	4	1.40e-03	-3.02e-06	-0.02	9.14e-05	0.0	-4.02e-05
2264	1	1.21e-03	6.90e-06	-0.01	4.11e-05	0.0	-1.79e-05
2264	2	3.23e-03	-1.30e-03	-0.05	3.80e-04	0.0	-9.26e-05
2264	3	7.05e-04	0.0	-9.43e-03	3.43e-05	0.0	-1.35e-05
2264	4	1.30e-03	-3.88e-04	-0.02	1.35e-04	0.0	-3.56e-05
2265	1	1.15e-03	-1.56e-04	-0.02	5.54e-05	0.0	-1.45e-05
2265	2	2.94e-03	-2.16e-03	-0.05	4.78e-04	0.0	-7.58e-05
2265	3	6.52e-04	-1.22e-04	-9.97e-03	4.66e-05	0.0	-1.09e-05
2265	4	1.18e-03	-7.16e-04	-0.02	1.72e-04	0.0	-2.91e-05
2266	1	1.07e-03	-2.83e-04	-0.02	6.59e-05	0.0	-1.08e-05
2266	2	2.63e-03	-2.82e-03	-0.05	5.54e-04	0.0	-5.52e-05
2266	3	5.94e-04	-2.18e-04	-0.01	5.58e-05	0.0	-7.94e-06
2266	4	1.05e-03	-9.70e-04	-0.02	2.00e-04	0.0	-2.11e-05
2267	1	9.93e-04	-3.72e-04	-0.02	7.24e-05	0.0	-6.88e-06



2267	2	2.29e-03	-3.27e-03	-0.05	6.02e-04	0.0	-3.20e-05
2267	3	5.33e-04	-2.81e-04	-0.01	6.16e-05	0.0	-4.69e-06
2267	4	9.17e-04	-1.14e-03	-0.02	2.19e-04	0.0	-1.21e-05
2268	1	9.13e-04	-4.21e-04	-0.02	7.45e-05	0.0	-2.88e-06
2268	2	1.94e-03	-3.46e-03	-0.06	6.22e-04	0.0	-7.40e-06
2268	3	4.70e-04	-3.11e-04	-0.01	6.35e-05	0.0	-1.30e-06
2268	4	7.75e-04	-1.21e-03	-0.02	2.26e-04	0.0	-2.64e-06
2269	1	8.33e-04	-4.29e-04	-0.02	7.24e-05	0.0	1.17e-06
2269	2	1.60e-03	-3.41e-03	-0.06	6.11e-04	0.0	1.75e-05
2269	3	4.07e-04	-3.07e-04	-0.01	6.16e-05	0.0	2.12e-06
2269	4	6.34e-04	-1.19e-03	-0.02	2.21e-04	0.0	6.95e-06
2270	1	7.53e-04	-3.96e-04	-0.02	6.60e-05	0.0	5.21e-06
2270	2	1.26e-03	-3.11e-03	-0.06	5.70e-04	0.0	4.14e-05
2270	3	3.47e-04	-2.68e-04	-0.01	5.59e-05	0.0	5.46e-06
2270	4	4.97e-04	-1.07e-03	-0.02	2.05e-04	0.0	1.62e-05
2271	1	6.75e-04	-3.23e-04	-0.02	5.55e-05	0.0	9.17e-06
2271	2	9.50e-04	-2.58e-03	-0.06	5.01e-04	0.0	6.35e-05
2271	3	2.89e-04	-1.97e-04	-0.01	4.66e-05	0.0	8.60e-06
2271	4	3.70e-04	-8.65e-04	-0.02	1.78e-04	0.0	2.47e-05
2272	1	6.01e-04	-2.10e-04	-0.02	4.11e-05	0.0	1.30e-05
2272	2	6.71e-04	-1.84e-03	-0.06	4.07e-04	0.0	8.24e-05
2272	3	2.36e-04	-9.52e-05	-0.01	3.40e-05	0.0	1.14e-05
2272	4	2.56e-04	-5.77e-04	-0.02	1.42e-04	0.0	3.20e-05
2273	1	5.31e-04	-6.01e-05	-0.02	2.33e-05	0.0	1.66e-05
2273	2	4.35e-04	-9.25e-04	-0.06	2.93e-04	0.0	9.70e-05
2273	3	1.89e-04	3.28e-05	-0.01	1.88e-05	0.0	1.38e-05
2273	4	1.60e-04	-2.23e-04	-0.02	9.88e-05	0.0	3.76e-05
2274	1	4.67e-04	1.25e-04	-0.02	2.65e-06	0.0	1.99e-05
2274	2	2.52e-04	1.09e-04	-0.06	1.66e-04	0.0	1.06e-04
2274	3	1.49e-04	1.82e-04	-0.01	1.64e-06	0.0	1.56e-05
2274	4	8.58e-05	1.77e-04	-0.02	5.01e-05	0.0	4.12e-05
2275	1	4.10e-04	3.40e-04	-0.02	-2.02e-05	0.0	2.28e-05
2275	2	1.31e-04	1.20e-03	-0.06	3.37e-05	0.0	1.09e-04
2275	3	1.20e-04	3.46e-04	-0.01	-1.65e-05	0.0	1.67e-05
2275	4	3.69e-05	6.01e-04	-0.02	0.0	0.0	4.21e-05
2276	1	3.63e-04	5.84e-04	-0.02	-4.46e-05	0.0	2.55e-05
2276	2	8.11e-05	2.29e-03	-0.06	-9.55e-05	0.0	1.04e-04
2276	3	1.01e-04	5.17e-04	-0.01	-3.48e-05	0.0	1.71e-05
2276	4	1.75e-05	1.02e-03	-0.02	-4.99e-05	0.0	4.04e-05
2277	1	3.27e-04	8.57e-04	-0.02	-7.06e-05	0.0	2.88e-05
2277	2	1.11e-04	3.30e-03	-0.06	-2.13e-04	0.0	9.39e-05
2277	3	9.55e-05	6.90e-04	-0.01	-5.23e-05	0.0	1.71e-05
2277	4	3.12e-05	1.41e-03	-0.02	-9.44e-05	0.0	3.64e-05
2278	1	3.09e-04	1.17e-03	-0.02	-9.85e-05	0.0	3.21e-05
2278	2	2.25e-04	4.17e-03	-0.06	-3.09e-04	0.0	7.57e-05
2278	3	1.06e-04	8.63e-04	-0.01	-6.87e-05	0.0	1.67e-05
2278	4	8.14e-05	1.75e-03	-0.02	-1.31e-04	0.0	2.96e-05
2279	1	-9.50e-04	-3.52e-04	-0.02	7.06e-05	0.0	6.42e-06
2279	2	-2.29e-03	-3.27e-03	-0.05	6.02e-04	0.0	3.20e-05
2279	3	-5.20e-04	-2.76e-04	-0.01	6.10e-05	0.0	4.55e-06
2279	4	-9.17e-04	-1.14e-03	-0.02	2.19e-04	0.0	1.21e-05
2280	1	-1.02e-03	-2.69e-04	-0.02	6.44e-05	0.0	1.03e-05
2280	2	-2.63e-03	-2.82e-03	-0.05	5.54e-04	0.0	5.52e-05
2280	3	-5.80e-04	-2.13e-04	-0.01	5.54e-05	0.0	7.79e-06
2280	4	-1.05e-03	-9.70e-04	-0.02	2.00e-04	0.0	2.11e-05
2281	1	-1.10e-03	-1.47e-04	-0.01	5.43e-05	0.0	1.39e-05
2281	2	-2.94e-03	-2.16e-03	-0.05	4.78e-04	0.0	7.58e-05
2281	3	-6.37e-04	-1.20e-04	-9.85e-03	4.63e-05	0.0	1.07e-05
2281	4	-1.18e-03	-7.16e-04	-0.02	1.72e-04	0.0	2.91e-05
2282	1	-1.16e-03	1.06e-05	-0.01	4.04e-05	0.0	1.73e-05
2282	2	-3.23e-03	-1.30e-03	-0.05	3.80e-04	0.0	9.26e-05
2282	3	-6.90e-04	1.82e-06	-9.32e-03	3.41e-05	0.0	1.33e-05
2282	4	-1.30e-03	-3.88e-04	-0.02	1.35e-04	0.0	3.56e-05
2283	1	-1.22e-03	1.99e-04	-0.01	2.33e-05	0.0	2.02e-05
2283	2	-3.46e-03	-3.04e-04	-0.05	2.66e-04	0.0	1.04e-04
2283	3	-7.36e-04	1.46e-04	-8.75e-03	1.96e-05	0.0	1.53e-05
2283	4	-1.40e-03	-3.01e-06	-0.02	9.14e-05	0.0	4.02e-05
2284	1	-1.27e-03	4.16e-04	-0.01	3.68e-06	0.0	2.29e-05
2284	2	-3.65e-03	7.90e-04	-0.04	1.40e-04	0.0	1.11e-04
2284	3	-7.73e-04	3.08e-04	-8.16e-03	3.48e-06	0.0	1.67e-05
2284	4	-1.48e-03	4.18e-04	-0.02	4.40e-05	0.0	4.29e-05
2285	1	-1.31e-03	6.61e-04	-0.01	-1.85e-05	0.0	2.59e-05
2285	2	-3.77e-03	1.93e-03	-0.04	1.15e-05	0.0	1.14e-04
2285	3	-8.00e-04	4.82e-04	-7.54e-03	-1.36e-05	0.0	1.79e-05
2285	4	-1.53e-03	8.58e-04	-0.02	-4.77e-06	0.0	4.39e-05
2286	1	-1.33e-03	9.38e-04	-9.33e-03	-4.27e-05	0.0	2.83e-05
2286	2	-3.83e-03	3.07e-03	-0.04	-1.13e-04	0.0	1.08e-04



2286	3	-8.14e-04	6.68e-04	-6.90e-03	-3.11e-05	0.0	1.85e-05
2286	4	-1.55e-03	1.30e-03	-0.02	-5.18e-05	0.0	4.22e-05
2287	1	1.39e-03	1.39e-03	-7.20e-03	-7.48e-05	0.0	-1.25e-05
2287	2	3.81e-03	4.37e-03	-0.03	-2.46e-04	0.0	-2.46e-05
2287	3	8.30e-04	9.30e-04	-5.68e-03	-5.18e-05	0.0	-6.58e-06
2287	4	1.55e-03	1.81e-03	-0.01	-1.02e-04	0.0	-1.02e-05
2288	1	0.0	0.0	0.0	-3.47e-06	0.0	0.0
2288	2	0.0	0.0	0.0	2.56e-04	4.54e-06	0.0
2288	3	0.0	0.0	0.0	1.77e-05	0.0	0.0
2288	4	0.0	0.0	0.0	9.46e-05	1.69e-06	0.0
2289	1	4.49e-04	7.72e-04	-7.20e-03	-8.43e-05	1.18e-04	-9.68e-06
2289	2	1.64e-03	2.32e-03	-0.03	-2.80e-04	2.71e-04	-9.34e-06
2289	3	3.16e-04	5.03e-04	-5.68e-03	-5.76e-05	6.44e-05	-4.74e-06
2289	4	6.69e-04	9.63e-04	-0.01	-1.15e-04	1.10e-04	-4.64e-06
2290	1	2.97e-04	7.54e-04	-5.77e-03	-6.04e-05	1.05e-04	0.0
2290	2	1.57e-03	2.28e-03	-0.02	-4.31e-04	5.38e-04	0.0
2290	3	2.48e-04	4.92e-04	-4.44e-03	-6.05e-05	8.11e-05	0.0
2290	4	6.24e-04	9.44e-04	-9.71e-03	-1.70e-04	2.09e-04	0.0
2291	1	1.70e-04	7.05e-04	-4.96e-03	-2.24e-05	4.55e-05	0.0
2291	2	1.58e-03	2.23e-03	-0.02	-3.66e-04	8.60e-04	0.0
2291	3	2.00e-04	4.66e-04	-3.40e-03	-4.31e-05	8.61e-05	0.0
2291	4	6.19e-04	9.18e-04	-6.50e-03	-1.45e-04	3.28e-04	0.0
2292	1	6.82e-05	6.33e-04	-4.82e-03	0.0	-6.81e-05	0.0
2292	2	1.60e-03	2.19e-03	-8.91e-03	-2.88e-04	1.04e-03	0.0
2292	3	1.64e-04	4.33e-04	-2.69e-03	-3.00e-05	6.40e-05	0.0
2292	4	6.19e-04	8.94e-04	-3.91e-03	-1.15e-04	3.92e-04	0.0
2293	1	-1.53e-06	5.39e-04	-4.78e-03	-1.16e-05	-1.78e-04	0.0
2293	2	1.57e-03	2.12e-03	-3.71e-03	-2.35e-04	1.10e-03	0.0
2293	3	1.36e-04	3.91e-04	-2.13e-03	-2.86e-05	3.53e-05	0.0
2293	4	6.03e-04	8.59e-04	-1.82e-03	-9.47e-05	4.15e-04	0.0
2294	1	-3.67e-05	4.35e-04	-4.23e-03	-4.61e-05	-2.19e-04	0.0
2294	2	1.48e-03	1.99e-03	5.74e-04	-1.93e-04	1.11e-03	0.0
2294	3	1.15e-04	3.41e-04	-1.51e-03	-3.46e-05	2.29e-05	0.0
2294	4	5.65e-04	8.03e-04	-8.51e-05	-7.82e-05	4.17e-04	0.0
2295	1	-4.05e-05	3.27e-04	-2.98e-03	-7.38e-05	-1.73e-04	0.0
2295	2	1.31e-03	1.79e-03	3.94e-03	-1.38e-04	1.07e-03	0.0
2295	3	9.82e-05	2.83e-04	-7.67e-04	-3.74e-05	3.32e-05	0.0
2295	4	4.98e-04	7.17e-04	1.28e-03	-5.64e-05	4.02e-04	0.0
2296	1	-2.17e-05	2.24e-04	-1.45e-03	-6.96e-05	-8.16e-05	0.0
2296	2	1.03e-03	1.49e-03	5.79e-03	-3.75e-05	9.45e-04	0.0
2296	3	8.08e-05	2.17e-04	-8.47e-05	-2.73e-05	4.99e-05	0.0
2296	4	3.94e-04	5.92e-04	2.06e-03	-1.78e-05	3.54e-04	0.0
2297	1	4.36e-06	1.25e-04	-3.59e-04	-3.45e-05	-1.53e-05	0.0
2297	2	6.55e-04	1.02e-03	4.99e-03	1.20e-04	6.26e-04	0.0
2297	3	5.77e-05	1.37e-04	2.41e-04	-3.53e-06	4.49e-05	0.0
2297	4	2.51e-04	4.02e-04	1.82e-03	4.21e-05	2.35e-04	0.0
2298	1	2.14e-05	2.74e-04	-2.05e-03	-7.33e-05	1.13e-04	0.0
2298	2	-1.18e-03	1.66e-03	5.13e-03	-9.50e-05	-1.03e-03	0.0
2298	3	-9.31e-05	2.51e-04	-3.53e-04	-3.34e-05	-4.76e-05	0.0
2298	4	-4.49e-04	6.61e-04	1.77e-03	-3.98e-05	-3.88e-04	0.0
2299	1	-1.76e-03	-9.43e-04	-7.20e-03	-7.09e-05	0.0	3.44e-05
2299	2	-3.41e-03	-1.57e-03	-0.03	-1.90e-04	0.0	-4.13e-05
2299	3	-8.87e-04	-5.17e-04	-5.69e-03	-4.58e-05	0.0	9.05e-06
2299	4	-1.38e-03	-7.03e-04	-0.01	-8.10e-05	0.0	-1.34e-05
2300	1	1.55e-05	6.41e-05	-9.72e-05	-1.09e-05	-4.31e-06	0.0
2300	2	3.84e-04	6.05e-04	2.83e-03	2.24e-04	3.16e-04	0.0
2300	3	3.89e-05	7.73e-05	1.78e-04	1.24e-05	2.42e-05	0.0
2300	4	1.48e-04	2.38e-04	1.04e-03	8.20e-05	1.19e-04	0.0
2301	1	3.71e-04	7.68e-04	-6.45e-03	-7.31e-05	1.13e-04	0.0
2301	2	1.59e-03	2.31e-03	-0.03	-4.23e-04	3.55e-04	0.0
2301	3	2.80e-04	5.01e-04	-5.07e-03	-6.46e-05	6.98e-05	0.0
2301	4	6.41e-04	9.57e-04	-0.01	-1.68e-04	1.41e-04	0.0
2302	1	-2.35e-05	4.88e-04	-4.60e-03	-2.71e-05	-2.11e-04	0.0
2302	2	1.53e-03	2.06e-03	-1.44e-03	-2.13e-04	1.12e-03	0.0
2302	3	1.25e-04	3.67e-04	-1.84e-03	-3.10e-05	2.63e-05	0.0
2302	4	5.86e-04	8.34e-04	-9.01e-04	-8.60e-05	4.21e-04	0.0
2303	1	2.30e-04	7.33e-04	-5.27e-03	-4.06e-05	8.40e-05	0.0
2303	2	1.56e-03	2.25e-03	-0.02	-4.05e-04	7.21e-04	0.0
2303	3	2.22e-04	4.80e-04	-3.87e-03	-5.19e-05	8.81e-05	0.0
2303	4	6.17e-04	9.29e-04	-8.03e-03	-1.60e-04	2.77e-04	0.0
2304	1	2.90e-05	5.88e-04	-4.83e-03	0.0	-1.29e-04	0.0
2304	2	1.59e-03	2.16e-03	-6.15e-03	-2.57e-04	1.09e-03	0.0
2304	3	1.49e-04	4.13e-04	-2.41e-03	-2.72e-05	4.91e-05	0.0
2304	4	6.12e-04	8.78e-04	-2.80e-03	-1.04e-04	4.10e-04	0.0
2305	1	1.15e-04	6.72e-04	-4.83e-03	-5.69e-06	-7.70e-06	0.0
2305	2	1.59e-03	2.21e-03	-0.01	-3.23e-04	9.75e-04	0.0
2305	3	1.81e-04	4.51e-04	-3.01e-03	-3.46e-05	7.80e-05	0.0



2305	4	6.18e-04	9.06e-04	-5.12e-03	-1.29e-04	3.69e-04	0.0
2306	1	-3.30e-05	2.75e-04	-2.21e-03	-7.76e-05	-1.29e-04	0.0
2306	2	1.18e-03	1.66e-03	5.13e-03	-9.50e-05	1.03e-03	0.0
2306	3	8.96e-05	2.51e-04	-4.00e-04	-3.47e-05	4.28e-05	0.0
2306	4	4.49e-04	6.61e-04	1.77e-03	-3.98e-05	3.88e-04	0.0
2307	1	-4.22e-05	3.81e-04	-3.68e-03	-6.35e-05	-2.07e-04	0.0
2307	2	1.40e-03	1.90e-03	2.42e-03	-1.68e-04	1.11e-03	0.0
2307	3	1.06e-04	3.13e-04	-1.14e-03	-3.73e-05	2.60e-05	0.0
2307	4	5.34e-04	7.64e-04	6.61e-04	-6.83e-05	4.15e-04	0.0
2308	1	-8.32e-06	1.74e-04	-8.16e-04	-5.51e-05	-4.21e-05	0.0
2308	2	8.54e-04	1.28e-03	5.81e-03	3.74e-05	8.22e-04	0.0
2308	3	7.00e-05	1.79e-04	1.39e-04	-1.66e-05	5.20e-05	0.0
2308	4	3.26e-04	5.07e-04	2.10e-03	1.08e-05	3.08e-04	0.0
2309	1	-4.81e-04	-1.33e-05	-7.20e-03	-1.01e-04	0.0	1.90e-05
2309	2	-5.02e-04	4.95e-04	-0.03	-1.98e-04	0.0	2.64e-06
2309	3	-1.92e-04	3.69e-05	-5.69e-03	-5.68e-05	0.0	6.73e-06
2309	4	-1.98e-04	1.87e-04	-0.01	-8.57e-05	0.0	1.89e-06
2310	1	0.0	0.0	0.0	-1.95e-06	0.0	0.0
2310	2	0.0	0.0	0.0	2.56e-04	-4.54e-06	0.0
2310	3	0.0	0.0	0.0	1.82e-05	0.0	0.0
2310	4	0.0	0.0	0.0	9.46e-05	-1.69e-06	0.0
2311	1	-4.27e-04	7.44e-04	-7.09e-03	-8.17e-05	-1.14e-04	9.04e-06
2311	2	-1.64e-03	2.32e-03	-0.03	-2.80e-04	-2.71e-04	9.34e-06
2311	3	-3.09e-04	4.95e-04	-5.65e-03	-5.68e-05	-6.31e-05	4.55e-06
2311	4	-6.69e-04	9.63e-04	-0.01	-1.15e-04	-1.10e-04	4.64e-06
2312	1	3.28e-04	1.65e-03	-0.02	-1.40e-04	0.0	1.50e-05
2312	2	6.35e-04	4.46e-03	-0.06	-3.48e-04	0.0	-4.52e-05
2312	3	1.70e-04	1.03e-03	-0.01	-8.45e-05	0.0	0.0
2312	4	2.61e-04	1.86e-03	-0.02	-1.46e-04	0.0	-1.79e-05
2313	1	3.25e-04	1.78e-03	-0.02	-1.48e-04	0.0	1.06e-05
2313	2	7.59e-04	3.92e-03	-0.06	-2.95e-04	0.0	-5.88e-05
2313	3	1.86e-04	1.02e-03	-0.01	-8.23e-05	0.0	-2.43e-06
2313	4	3.15e-04	1.65e-03	-0.02	-1.26e-04	0.0	-2.30e-05
2314	1	3.06e-04	1.87e-03	-0.02	-1.49e-04	0.0	7.15e-06
2314	2	8.15e-04	3.28e-03	-0.06	-2.28e-04	0.0	-6.56e-05
2314	3	1.88e-04	9.82e-04	-0.01	-7.70e-05	0.0	-4.06e-06
2314	4	3.39e-04	1.40e-03	-0.03	-1.00e-04	0.0	-2.56e-05
2315	1	2.74e-04	1.92e-03	-0.02	-1.46e-04	0.0	5.06e-06
2315	2	8.11e-04	2.60e-03	-0.06	-1.52e-04	0.0	-6.80e-05
2315	3	1.79e-04	9.35e-04	-0.01	-6.96e-05	0.0	-4.90e-06
2315	4	3.38e-04	1.14e-03	-0.03	-7.14e-05	0.0	-2.66e-05
2316	1	2.34e-04	1.97e-03	-0.02	-1.40e-04	0.0	3.74e-06
2316	2	7.56e-04	1.92e-03	-0.06	-7.47e-05	0.0	-6.53e-05
2316	3	1.60e-04	8.84e-04	-0.01	-6.11e-05	0.0	-5.03e-06
2316	4	3.15e-04	8.71e-04	-0.03	-4.17e-05	0.0	-2.55e-05
2317	1	1.87e-04	2.00e-03	-0.02	-1.33e-04	0.0	2.72e-06
2317	2	6.58e-04	1.30e-03	-0.06	-2.06e-06	0.0	-5.79e-05
2317	3	1.34e-04	8.34e-04	-0.01	-5.27e-05	0.0	-4.63e-06
2317	4	2.74e-04	6.26e-04	-0.03	-1.39e-05	0.0	-2.26e-05
2318	1	1.37e-04	2.02e-03	-0.02	-1.27e-04	0.0	1.76e-06
2318	2	5.24e-04	7.65e-04	-0.06	6.02e-05	0.0	-4.67e-05
2318	3	1.03e-04	7.90e-04	-0.01	-4.53e-05	0.0	-3.85e-06
2318	4	2.18e-04	4.19e-04	-0.03	1.00e-05	0.0	-1.82e-05
2319	1	8.48e-05	2.03e-03	-0.02	-1.21e-04	0.0	0.0
2319	2	3.64e-04	3.62e-04	-0.07	1.08e-04	0.0	-3.26e-05
2319	3	6.87e-05	7.56e-04	-0.01	-3.95e-05	0.0	-2.83e-06
2319	4	1.52e-04	2.62e-04	-0.03	2.83e-05	0.0	-1.27e-05
2320	1	3.12e-05	2.03e-03	-0.03	-1.17e-04	0.0	0.0
2320	2	1.87e-04	1.11e-04	-0.07	1.37e-04	0.0	-1.68e-05
2320	3	3.16e-05	7.33e-04	-0.01	-3.58e-05	0.0	-1.64e-06
2320	4	7.76e-05	1.64e-04	-0.03	3.97e-05	0.0	-6.54e-06
2321	1	-2.32e-05	2.02e-03	-0.03	-1.16e-04	0.0	-1.20e-06
2321	2	0.0	2.56e-05	-0.07	1.48e-04	0.0	0.0
2321	3	-6.87e-06	7.23e-04	-0.01	-3.44e-05	0.0	0.0
2321	4	0.0	1.31e-04	-0.03	4.36e-05	0.0	0.0
2322	1	-7.82e-05	2.01e-03	-0.02	-1.16e-04	0.0	-2.02e-06
2322	2	-1.87e-04	1.11e-04	-0.07	1.37e-04	0.0	1.68e-05
2322	3	-4.55e-05	7.26e-04	-0.01	-3.55e-05	0.0	0.0
2322	4	-7.76e-05	1.64e-04	-0.03	3.97e-05	0.0	6.54e-06
2323	1	-1.33e-04	1.98e-03	-0.02	-1.19e-04	0.0	-2.64e-06
2323	2	-3.64e-04	3.62e-04	-0.07	1.08e-04	0.0	3.26e-05
2323	3	-8.31e-05	7.43e-04	-0.01	-3.89e-05	0.0	2.27e-06
2323	4	-1.52e-04	2.62e-04	-0.03	2.83e-05	0.0	1.27e-05
2324	1	-1.88e-04	1.96e-03	-0.02	-1.24e-04	0.0	-3.05e-06
2324	2	-5.24e-04	7.65e-04	-0.06	6.02e-05	0.0	4.67e-05
2324	3	-1.18e-04	7.72e-04	-0.01	-4.44e-05	0.0	3.47e-06
2324	4	-2.18e-04	4.19e-04	-0.03	1.00e-05	0.0	1.82e-05



2325	1	-2.41e-04	1.93e-03	-0.02	-1.30e-04	0.0	-3.33e-06
2325	2	-6.58e-04	1.30e-03	-0.06	-2.06e-06	0.0	5.79e-05
2325	3	-1.50e-04	8.13e-04	-0.01	-5.17e-05	0.0	4.45e-06
2325	4	-2.74e-04	6.26e-04	-0.03	-1.39e-05	0.0	2.26e-05
2326	1	-2.89e-04	1.89e-03	-0.02	-1.36e-04	0.0	-3.69e-06
2326	2	-7.56e-04	1.92e-03	-0.06	-7.47e-05	0.0	6.53e-05
2326	3	-1.76e-04	8.62e-04	-0.01	-6.00e-05	0.0	5.05e-06
2326	4	-3.15e-04	8.71e-04	-0.03	-4.17e-05	0.0	2.55e-05
2327	1	-3.30e-04	1.86e-03	-0.02	-1.42e-04	0.0	-4.42e-06
2327	2	-8.11e-04	2.60e-03	-0.06	-1.52e-04	0.0	6.80e-05
2327	3	-1.95e-04	9.15e-04	-0.01	-6.85e-05	0.0	5.09e-06
2327	4	-3.38e-04	1.14e-03	-0.03	-7.14e-05	0.0	2.66e-05
2328	1	-3.60e-04	1.81e-03	-0.02	-1.46e-04	0.0	-6.00e-06
2328	2	-8.15e-04	3.28e-03	-0.06	-2.28e-04	0.0	6.56e-05
2328	3	-2.04e-04	9.64e-04	-0.01	-7.60e-05	0.0	4.40e-06
2328	4	-3.39e-04	1.40e-03	-0.03	-1.00e-04	0.0	2.56e-05
2329	1	-3.75e-04	1.73e-03	-0.02	-1.46e-04	0.0	-8.96e-06
2329	2	-7.59e-04	3.92e-03	-0.06	-2.95e-04	0.0	5.88e-05
2329	3	-2.01e-04	1.00e-03	-0.01	-8.15e-05	0.0	2.91e-06
2329	4	-3.15e-04	1.65e-03	-0.02	-1.26e-04	0.0	2.30e-05
2330	1	-3.73e-04	1.63e-03	-0.02	-1.39e-04	0.0	-1.29e-05
2330	2	-6.35e-04	4.46e-03	-0.06	-3.48e-04	0.0	4.52e-05
2330	3	-1.83e-04	1.02e-03	-0.01	-8.41e-05	0.0	0.0
2330	4	-2.61e-04	1.86e-03	-0.02	-1.46e-04	0.0	1.79e-05
2331	1	2.89e-05	3.76e-04	-3.44e-03	-6.09e-05	1.84e-04	0.0
2331	2	-1.40e-03	1.90e-03	2.42e-03	-1.68e-04	-1.11e-03	0.0
2331	3	-1.10e-04	3.12e-04	-1.08e-03	-3.65e-05	-3.28e-05	0.0
2331	4	-5.34e-04	7.64e-04	6.61e-04	-6.83e-05	-4.15e-04	0.0
2332	1	1.70e-03	-9.06e-04	-7.09e-03	-6.85e-05	0.0	-3.23e-05
2332	2	3.41e-03	-1.57e-03	-0.03	-1.90e-04	0.0	4.13e-05
2332	3	8.70e-04	-5.06e-04	-5.65e-03	-4.51e-05	0.0	-8.40e-06
2332	4	1.38e-03	-7.03e-04	-0.01	-8.10e-05	0.0	1.34e-05
2333	1	-1.79e-05	6.61e-05	-7.76e-05	-9.16e-06	2.16e-06	0.0
2333	2	-3.84e-04	6.05e-04	2.83e-03	2.24e-04	-3.16e-04	0.0
2333	3	-3.96e-05	7.79e-05	1.84e-04	1.29e-05	-2.48e-05	0.0
2333	4	-1.48e-04	2.38e-04	1.04e-03	8.20e-05	-1.19e-04	0.0
2334	1	-2.86e-04	7.28e-04	-5.68e-03	-6.03e-05	-1.03e-04	0.0
2334	2	-1.57e-03	2.28e-03	-0.02	-4.31e-04	-5.38e-04	0.0
2334	3	-2.45e-04	4.84e-04	-4.41e-03	-6.05e-05	-8.05e-05	0.0
2334	4	-6.24e-04	9.44e-04	-9.71e-03	-1.70e-04	-2.09e-04	0.0
2335	1	0.0	1.76e-04	-7.39e-04	-5.16e-05	3.40e-05	0.0
2335	2	-8.54e-04	1.28e-03	5.81e-03	3.74e-05	-8.22e-04	0.0
2335	3	-7.23e-05	1.80e-04	1.62e-04	-1.56e-05	-5.44e-05	0.0
2335	4	-3.26e-04	5.07e-04	2.10e-03	1.08e-05	-3.08e-04	0.0
2336	1	-1.68e-04	6.82e-04	-4.85e-03	-2.45e-05	-4.92e-05	0.0
2336	2	-1.58e-03	2.23e-03	-0.02	-3.66e-04	-8.60e-04	0.0
2336	3	-2.00e-04	4.59e-04	-3.37e-03	-4.38e-05	-8.72e-05	0.0
2336	4	-6.19e-04	9.18e-04	-6.50e-03	-1.45e-04	-3.28e-04	0.0
2337	1	-7.46e-05	6.14e-04	-4.64e-03	-3.54e-06	5.52e-05	0.0
2337	2	-1.60e-03	2.19e-03	-8.91e-03	-2.88e-04	-1.04e-03	0.0
2337	3	-1.66e-04	4.28e-04	-2.64e-03	-3.10e-05	-6.78e-05	0.0
2337	4	-6.19e-04	8.94e-04	-3.91e-03	-1.15e-04	-3.92e-04	0.0
2338	1	4.70e-04	-1.13e-05	-7.09e-03	-9.70e-05	0.0	-1.80e-05
2338	2	5.02e-04	4.95e-04	-0.03	-1.98e-04	0.0	-2.64e-06
2338	3	1.89e-04	3.75e-05	-5.65e-03	-5.56e-05	0.0	-6.44e-06
2338	4	1.98e-04	1.87e-04	-0.01	-8.57e-05	0.0	-1.89e-06
2339	1	-9.69e-06	5.27e-04	-4.55e-03	-1.38e-05	1.56e-04	0.0
2339	2	-1.57e-03	2.12e-03	-3.71e-03	-2.35e-04	-1.10e-03	0.0
2339	3	-1.40e-04	3.88e-04	-2.06e-03	-2.92e-05	-4.16e-05	0.0
2339	4	-6.03e-04	8.59e-04	-1.82e-03	-9.47e-05	-4.15e-04	0.0
2340	1	2.35e-05	4.27e-04	-3.98e-03	-4.51e-05	1.94e-04	0.0
2340	2	-1.48e-03	1.99e-03	5.74e-04	-1.93e-04	-1.11e-03	0.0
2340	3	-1.19e-04	3.39e-04	-1.43e-03	-3.43e-05	-3.01e-05	0.0
2340	4	-5.65e-04	8.03e-04	-8.51e-05	-7.82e-05	-4.17e-04	0.0
2341	1	2.77e-05	3.25e-04	-2.78e-03	-7.01e-05	1.53e-04	0.0
2341	2	-1.31e-03	1.79e-03	3.94e-03	-1.38e-04	-1.07e-03	0.0
2341	3	-1.02e-04	2.83e-04	-7.08e-04	-3.63e-05	-3.91e-05	0.0
2341	4	-4.98e-04	7.17e-04	1.28e-03	-5.64e-05	-4.02e-04	0.0
2342	1	1.18e-05	2.25e-04	-1.33e-03	-6.55e-05	6.96e-05	0.0
2342	2	-1.03e-03	1.49e-03	5.79e-03	-3.75e-05	-9.45e-04	0.0
2342	3	-8.38e-05	2.17e-04	-5.05e-05	-2.61e-05	-5.34e-05	0.0
2342	4	-3.94e-04	5.92e-04	2.06e-03	-1.78e-05	-3.54e-04	0.0
2343	1	-9.69e-06	1.27e-04	-3.14e-04	-3.19e-05	1.04e-05	0.0
2343	2	-6.55e-04	1.02e-03	4.99e-03	1.20e-04	-6.26e-04	0.0
2343	3	-5.92e-05	1.38e-04	2.54e-04	-2.76e-06	-4.63e-05	0.0
2343	4	-2.51e-04	4.02e-04	1.82e-03	4.21e-05	-2.35e-04	0.0
2344	1	-1.33e-03	1.34e-03	-7.08e-03	-7.26e-05	0.0	1.18e-05



2344	2	-3.81e-03	4.37e-03	-0.03	-2.46e-04	0.0	2.45e-05
2344	3	-8.13e-04	9.16e-04	-5.65e-03	-5.11e-05	0.0	6.37e-06
2344	4	-1.55e-03	1.81e-03	-0.01	-1.02e-04	0.0	1.02e-05
2345	1	-3.54e-04	7.41e-04	-6.35e-03	-7.20e-05	-1.09e-04	0.0
2345	2	-1.59e-03	2.31e-03	-0.03	-4.23e-04	-3.55e-04	0.0
2345	3	-2.75e-04	4.93e-04	-5.05e-03	-6.43e-05	-6.87e-05	0.0
2345	4	-6.41e-04	9.57e-04	-0.01	-1.68e-04	-1.41e-04	0.0
2346	1	1.10e-05	4.78e-04	-4.35e-03	-2.79e-05	1.87e-04	0.0
2346	2	-1.53e-03	2.06e-03	-1.44e-03	-2.13e-04	-1.12e-03	0.0
2346	3	-1.28e-04	3.64e-04	-1.76e-03	-3.12e-05	-3.34e-05	0.0
2346	4	-5.86e-04	8.34e-04	-9.01e-04	-8.60e-05	-4.21e-04	0.0
2347	1	-2.24e-04	7.07e-04	-5.17e-03	-4.16e-05	-8.44e-05	0.0
2347	2	-1.56e-03	2.25e-03	-0.02	-4.05e-04	-7.21e-04	0.0
2347	3	-2.20e-04	4.72e-04	-3.85e-03	-5.22e-05	-8.82e-05	0.0
2347	4	-6.17e-04	9.29e-04	-8.03e-03	-1.60e-04	-2.77e-04	0.0
2348	1	-3.81e-05	5.72e-04	-4.62e-03	-3.36e-06	1.11e-04	0.0
2348	2	-1.59e-03	2.16e-03	-6.15e-03	-2.57e-04	-1.09e-03	0.0
2348	3	-1.52e-04	4.09e-04	-2.35e-03	-2.82e-05	-5.44e-05	0.0
2348	4	-6.12e-04	8.78e-04	-2.80e-03	-1.04e-04	-4.10e-04	0.0
2349	1	-1.18e-04	6.51e-04	-4.69e-03	-8.85e-06	0.0	0.0
2349	2	-1.59e-03	2.21e-03	-0.01	-3.23e-04	-9.75e-04	0.0
2349	3	-1.81e-04	4.44e-04	-2.97e-03	-3.55e-05	-8.05e-05	0.0
2349	4	-6.18e-04	9.06e-04	-5.12e-03	-1.29e-04	-3.69e-04	0.0
2350	1	-3.35e-04	1.18e-03	-0.02	-9.97e-05	0.0	-3.10e-05
2350	2	-2.25e-04	4.17e-03	-0.06	-3.09e-04	0.0	-7.57e-05
2350	3	-1.14e-04	8.65e-04	-0.01	-6.91e-05	0.0	-1.64e-05
2350	4	-8.14e-05	1.75e-03	-0.02	-1.31e-04	0.0	-2.96e-05
2351	1	-3.43e-04	8.76e-04	-0.02	-7.26e-05	0.0	-2.79e-05
2351	2	-1.11e-04	3.30e-03	-0.06	-2.13e-04	0.0	-9.39e-05
2351	3	-1.00e-04	6.95e-04	-0.01	-5.29e-05	0.0	-1.69e-05
2351	4	-3.12e-05	1.41e-03	-0.02	-9.44e-05	0.0	-3.64e-05
2352	1	-3.69e-04	6.10e-04	-0.02	-4.72e-05	0.0	-2.48e-05
2352	2	-8.11e-05	2.29e-03	-0.06	-9.55e-05	0.0	-1.04e-04
2352	3	-1.03e-04	5.24e-04	-0.01	-3.55e-05	0.0	-1.69e-05
2352	4	-1.75e-05	1.02e-03	-0.02	-4.99e-05	0.0	-4.04e-05

Nodo	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
	-0.02	-0.03	-0.18	-3.69e-03	-2.01e-03	-4.71e-04
	0.01	0.03	0.03	3.91e-03	2.14e-03	5.04e-04

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
1	1	1.75	171.93	-20.94	0.0	0.0	0.0
1	2	139.31	1214.24	-138.59	0.0	0.0	0.0
1	3	12.57	172.38	-20.14	0.0	0.0	0.0
1	4	53.33	481.22	-55.00	0.0	0.0	0.0
11	1	-0.18	-322.45	-71.21	0.0	0.0	0.0
11	2	6.81	-1669.65	-380.78	0.0	0.0	0.0
11	3	0.50	-274.25	-61.73	0.0	0.0	0.0
11	4	2.57	-673.42	-153.46	0.0	0.0	0.0
24	1	-0.21	-76.17	-36.01	0.0	0.0	0.0
24	2	-6.05	-321.67	-236.52	0.0	0.0	0.0
24	3	-0.52	-58.73	-34.79	0.0	0.0	0.0
24	4	-2.25	-131.48	-94.20	0.0	0.0	0.0
33	1	-0.31	26.50	-31.71	0.0	0.0	0.0
33	2	-6.37	248.76	-211.54	0.0	0.0	0.0
33	3	-0.57	31.64	-30.72	0.0	0.0	0.0
33	4	-2.36	97.49	-84.00	0.0	0.0	0.0
88	1	-0.04	-164.84	-47.64	0.0	0.0	0.0
88	2	-1.53	-818.50	-283.17	0.0	0.0	0.0
88	3	-0.12	-137.19	-43.71	0.0	0.0	0.0
88	4	-0.57	-330.87	-113.50	0.0	0.0	0.0
93	1	67.76	770.97	-125.47	0.0	0.0	0.0
93	2	-23.99	1564.07	-249.78	0.0	0.0	0.0
93	3	18.73	372.74	-59.69	0.0	0.0	0.0
93	4	-8.46	607.74	-96.52	0.0	0.0	0.0
125	1	0.23	-75.34	-36.85	0.0	0.0	0.0
125	2	6.05	-321.67	-236.52	0.0	0.0	0.0
125	3	0.53	-58.49	-35.04	0.0	0.0	0.0
125	4	2.25	-131.47	-94.20	0.0	0.0	0.0
131	1	0.04	-810.72	-309.75	0.0	0.0	0.0
131	2	0.41	-1852.37	-671.74	0.0	0.0	0.0
131	3	0.04	-426.08	-154.99	0.0	0.0	0.0
131	4	0.15	-734.72	-262.25	0.0	0.0	0.0
142	1	0.33	27.32	-32.46	0.0	0.0	0.0



142	2	6.37	248.76	-211.54	0.0	0.0	0.0
142	3	0.58	31.88	-30.94	0.0	0.0	0.0
142	4	2.36	97.49	-84.00	0.0	0.0	0.0
169	1	0.04	-164.05	-48.24	0.0	0.0	0.0
169	2	1.53	-818.49	-283.19	0.0	0.0	0.0
169	3	0.13	-136.96	-43.89	0.0	0.0	0.0
169	4	0.57	-330.86	-113.50	0.0	0.0	0.0
178	1	0.10	-321.74	-71.32	0.0	0.0	0.0
178	2	-6.81	-1669.65	-380.77	0.0	0.0	0.0
178	3	-0.53	-274.04	-61.76	0.0	0.0	0.0
178	4	-2.57	-673.42	-153.45	0.0	0.0	0.0
191	1	-68.31	737.20	-118.43	0.0	0.0	0.0
191	2	23.99	1564.07	-249.78	0.0	0.0	0.0
191	3	-18.89	362.74	-57.60	0.0	0.0	0.0
191	4	8.46	607.74	-96.52	0.0	0.0	0.0
201	1	-5.92	-1536.90	-362.60	0.0	0.0	0.0
201	2	0.28	-3571.79	-837.07	0.0	0.0	0.0
201	3	-1.74	-809.96	-189.41	0.0	0.0	0.0
201	4	0.10	-1412.89	-329.99	0.0	0.0	0.0
214	1	0.46	-388.42	-258.42	0.0	0.0	0.0
214	2	-1.35	-995.61	-577.25	0.0	0.0	0.0
214	3	0.03	-217.01	-128.92	0.0	0.0	0.0
214	4	-0.50	-396.92	-223.39	0.0	0.0	0.0
223	1	0.20	72.87	-221.55	0.0	0.0	0.0
223	2	-1.32	62.06	-481.45	0.0	0.0	0.0
223	3	-0.04	23.72	-108.58	0.0	0.0	0.0
223	4	-0.49	20.52	-185.59	0.0	0.0	0.0
278	1	-0.01	-778.77	-294.64	0.0	0.0	0.0
278	2	-0.41	-1852.37	-671.74	0.0	0.0	0.0
278	3	-0.04	-416.61	-150.51	0.0	0.0	0.0
278	4	-0.15	-734.72	-262.25	0.0	0.0	0.0
301	1	-2.76	174.12	-21.29	0.0	0.0	0.0
301	2	-139.31	1214.24	-138.59	0.0	0.0	0.0
301	3	-12.87	173.03	-20.24	0.0	0.0	0.0
301	4	-53.33	481.22	-55.00	0.0	0.0	0.0
313	1	6.26	-1604.02	-379.22	0.0	0.0	0.0
313	2	-0.28	-3571.79	-837.07	0.0	0.0	0.0
313	3	1.84	-829.85	-194.34	0.0	0.0	0.0
313	4	-0.10	-1412.89	-329.99	0.0	0.0	0.0
326	1	-0.44	-401.98	-273.22	0.0	0.0	0.0
326	2	1.35	-995.61	-577.25	0.0	0.0	0.0
326	3	-0.03	-221.03	-133.31	0.0	0.0	0.0
326	4	0.50	-396.92	-223.39	0.0	0.0	0.0
335	1	-0.18	79.03	-235.20	0.0	0.0	0.0
335	2	1.32	62.06	-481.45	0.0	0.0	0.0
335	3	0.05	25.55	-112.63	0.0	0.0	0.0
335	4	0.49	20.52	-185.59	0.0	0.0	0.0
346	1	-13.40	100.84	-0.82	0.0	0.0	0.0
346	2	72.97	607.86	-5.82	0.0	0.0	0.0
346	3	1.04	92.55	-0.58	0.0	0.0	0.0
346	4	26.63	242.77	-2.07	0.0	0.0	0.0
348	1	-16.58	83.37	-1.49	0.0	0.0	0.0
348	2	68.38	435.85	-10.03	0.0	0.0	0.0
348	3	-0.53	71.27	-1.07	0.0	0.0	0.0
348	4	24.65	175.71	-3.60	0.0	0.0	0.0
350	1	-17.66	71.74	-1.76	0.0	0.0	0.0
350	2	65.88	321.96	-11.45	0.0	0.0	0.0
350	3	-1.09	57.24	-1.25	0.0	0.0	0.0
350	4	23.66	131.38	-4.12	0.0	0.0	0.0
352	1	-17.29	63.49	-1.96	0.0	0.0	0.0
352	2	61.98	239.08	-12.37	0.0	0.0	0.0
352	3	-1.20	47.06	-1.37	0.0	0.0	0.0
352	4	22.29	99.09	-4.46	0.0	0.0	0.0
354	1	-15.76	58.13	-2.13	0.0	0.0	0.0
354	2	55.23	177.93	-13.12	0.0	0.0	0.0
354	3	-1.10	39.71	-1.48	0.0	0.0	0.0
354	4	19.94	75.21	-4.73	0.0	0.0	0.0
356	1	-13.09	55.50	-2.28	0.0	0.0	0.0
356	2	45.95	133.59	-13.70	0.0	0.0	0.0
356	3	-0.80	34.69	-1.56	0.0	0.0	0.0
356	4	16.69	57.83	-4.95	0.0	0.0	0.0
358	1	-9.22	55.61	-2.40	0.0	0.0	0.0
358	2	34.90	103.25	-14.10	0.0	0.0	0.0
358	3	-0.24	31.76	-1.63	0.0	0.0	0.0
358	4	12.83	45.88	-5.09	0.0	0.0	0.0
360	1	-4.04	58.58	-2.49	0.0	0.0	0.0
360	2	22.94	85.28	-14.30	0.0	0.0	0.0



360	3	0.65	30.81	-1.67	0.0	0.0	0.0
360	4	8.65	38.71	-5.17	0.0	0.0	0.0
362	1	2.53	64.61	-2.55	0.0	0.0	0.0
362	2	10.94	78.78	-14.32	0.0	0.0	0.0
362	3	1.97	31.79	-1.69	0.0	0.0	0.0
362	4	4.46	35.99	-5.17	0.0	0.0	0.0
364	1	10.56	73.95	-2.58	0.0	0.0	0.0
364	2	-0.24	83.35	-14.15	0.0	0.0	0.0
364	3	3.79	34.77	-1.68	0.0	0.0	0.0
364	4	0.59	37.55	-5.11	0.0	0.0	0.0
366	1	20.08	86.90	-2.57	0.0	0.0	0.0
366	2	-9.73	99.02	-13.79	0.0	0.0	0.0
366	3	6.18	39.82	-1.65	0.0	0.0	0.0
366	4	-2.66	43.41	-4.98	0.0	0.0	0.0
368	1	31.08	103.88	-2.52	0.0	0.0	0.0
368	2	-16.64	126.18	-13.26	0.0	0.0	0.0
368	3	9.19	47.09	-1.60	0.0	0.0	0.0
368	4	-4.95	53.69	-4.78	0.0	0.0	0.0
370	1	43.47	125.34	-2.43	0.0	0.0	0.0
370	2	-20.01	165.65	-12.55	0.0	0.0	0.0
370	3	12.87	56.78	-1.52	0.0	0.0	0.0
370	4	-5.94	68.72	-4.52	0.0	0.0	0.0
372	1	57.05	151.87	-2.29	0.0	0.0	0.0
372	2	-18.83	218.75	-11.69	0.0	0.0	0.0
372	3	17.22	69.18	-1.42	0.0	0.0	0.0
372	4	-5.26	88.99	-4.20	0.0	0.0	0.0
374	1	71.50	184.23	-2.11	0.0	0.0	0.0
374	2	-12.02	287.59	-10.69	0.0	0.0	0.0
374	3	22.24	84.69	-1.29	0.0	0.0	0.0
374	4	-2.51	115.31	-3.83	0.0	0.0	0.0
376	1	86.27	223.53	-1.88	0.0	0.0	0.0
376	2	1.41	375.54	-9.58	0.0	0.0	0.0
376	3	27.82	103.93	-1.14	0.0	0.0	0.0
376	4	2.68	148.97	-3.42	0.0	0.0	0.0
378	1	100.49	271.76	-1.60	0.0	0.0	0.0
378	2	21.85	488.26	-8.39	0.0	0.0	0.0
378	3	33.72	128.00	-0.97	0.0	0.0	0.0
378	4	10.42	192.15	-2.98	0.0	0.0	0.0
380	1	112.56	333.65	-1.20	0.0	0.0	0.0
380	2	47.21	636.65	-6.80	0.0	0.0	0.0
380	3	39.30	159.32	-0.74	0.0	0.0	0.0
380	4	19.93	249.09	-2.40	0.0	0.0	0.0
382	1	120.71	427.90	-0.26	0.0	0.0	0.0
382	2	72.20	856.15	-2.40	0.0	0.0	0.0
382	3	43.59	206.78	-0.15	0.0	0.0	0.0
382	4	29.22	333.67	-0.79	0.0	0.0	0.0
1018	1	10.41	406.94	0.19	0.0	0.0	0.0
1018	2	-116.54	858.48	-2.25	0.0	0.0	0.0
1018	3	-7.17	200.80	-7.07e-03	0.0	0.0	0.0
1018	4	-44.79	334.59	-0.73	0.0	0.0	0.0
1020	1	11.18	290.60	0.01	0.0	0.0	0.0
1020	2	-90.05	643.03	-6.33	0.0	0.0	0.0
1020	3	-4.96	147.16	-0.34	0.0	0.0	0.0
1020	4	-34.96	251.58	-2.22	0.0	0.0	0.0
1022	1	12.21	205.56	0.27	0.0	0.0	0.0
1022	2	-62.85	499.86	-7.69	0.0	0.0	0.0
1022	3	-2.53	109.43	-0.36	0.0	0.0	0.0
1022	4	-24.77	196.62	-2.72	0.0	0.0	0.0
1024	1	12.65	133.73	0.57	0.0	0.0	0.0
1024	2	-39.86	392.93	-8.63	0.0	0.0	0.0
1024	3	-0.53	78.84	-0.34	0.0	0.0	0.0
1024	4	-16.09	155.64	-3.07	0.0	0.0	0.0
1026	1	11.96	71.48	0.84	0.0	0.0	0.0
1026	2	-22.97	311.20	-9.49	0.0	0.0	0.0
1026	3	0.71	53.31	-0.32	0.0	0.0	0.0
1026	4	-9.64	124.34	-3.38	0.0	0.0	0.0
1028	1	10.37	18.44	1.09	0.0	0.0	0.0
1028	2	-11.69	249.03	-10.23	0.0	0.0	0.0
1028	3	1.28	32.21	-0.30	0.0	0.0	0.0
1028	4	-5.26	100.53	-3.66	0.0	0.0	0.0
1030	1	8.32	-24.45	1.29	0.0	0.0	0.0
1030	2	-4.91	203.14	-10.83	0.0	0.0	0.0
1030	3	1.39	15.52	-0.29	0.0	0.0	0.0
1030	4	-2.53	82.95	-3.88	0.0	0.0	0.0
1032	1	6.15	-55.69	1.44	0.0	0.0	0.0
1032	2	-1.47	171.53	-11.27	0.0	0.0	0.0
1032	3	1.24	3.52	-0.28	0.0	0.0	0.0



1032	4	-1.02	70.84	-4.04	0.0	0.0	0.0
1034	1	3.94	-73.85	1.54	0.0	0.0	0.0
1034	2	-0.19	153.00	-11.53	0.0	0.0	0.0
1034	3	0.91	-3.47	-0.27	0.0	0.0	0.0
1034	4	-0.31	63.74	-4.14	0.0	0.0	0.0
1036	1	1.50	-78.08	1.57	0.0	0.0	0.0
1036	2	-1.74e-05	146.89	-11.62	0.0	0.0	0.0
1036	3	0.44	-5.26	-0.27	0.0	0.0	0.0
1036	4	-7.00e-06	61.40	-4.17	0.0	0.0	0.0
1038	1	-1.48	-68.47	1.53	0.0	0.0	0.0
1038	2	0.19	153.00	-11.53	0.0	0.0	0.0
1038	3	-0.18	-1.88	-0.27	0.0	0.0	0.0
1038	4	0.31	63.74	-4.14	0.0	0.0	0.0
1040	1	-5.12	-46.06	1.43	0.0	0.0	0.0
1040	2	1.47	171.53	-11.27	0.0	0.0	0.0
1040	3	-0.93	6.37	-0.28	0.0	0.0	0.0
1040	4	1.02	70.84	-4.04	0.0	0.0	0.0
1042	1	-9.22	-12.49	1.27	0.0	0.0	0.0
1042	2	4.91	203.14	-10.83	0.0	0.0	0.0
1042	3	-1.66	19.06	-0.29	0.0	0.0	0.0
1042	4	2.53	82.95	-3.88	0.0	0.0	0.0
1044	1	-13.20	30.52	1.07	0.0	0.0	0.0
1044	2	11.69	249.03	-10.23	0.0	0.0	0.0
1044	3	-2.12	35.78	-0.31	0.0	0.0	0.0
1044	4	5.26	100.53	-3.66	0.0	0.0	0.0
1046	1	-16.35	81.60	0.83	0.0	0.0	0.0
1046	2	22.97	311.20	-9.49	0.0	0.0	0.0
1046	3	-2.01	56.31	-0.33	0.0	0.0	0.0
1046	4	9.64	124.34	-3.38	0.0	0.0	0.0
1048	1	-18.03	140.20	0.55	0.0	0.0	0.0
1048	2	39.86	392.93	-8.63	0.0	0.0	0.0
1048	3	-1.06	80.76	-0.35	0.0	0.0	0.0
1048	4	16.09	155.64	-3.07	0.0	0.0	0.0
1050	1	-17.97	207.07	0.26	0.0	0.0	0.0
1050	2	62.85	499.86	-7.69	0.0	0.0	0.0
1050	3	0.82	109.87	-0.36	0.0	0.0	0.0
1050	4	24.77	196.62	-2.72	0.0	0.0	0.0
1052	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
1052	2	90.05	643.03	-6.33	0.0	0.0	0.0
1052	3	3.31	145.78	-0.34	0.0	0.0	0.0
1052	4	34.96	251.58	-2.22	0.0	0.0	0.0
1054	1	-15.31	394.05	0.18	0.0	0.0	0.0
1054	2	116.54	858.48	-2.25	0.0	0.0	0.0
1054	3	5.72	196.98	-8.80e-03	0.0	0.0	0.0
1054	4	44.79	334.59	-0.73	0.0	0.0	0.0
1690	1	-116.93	410.61	-0.25	0.0	0.0	0.0
1690	2	-72.20	856.15	-2.40	0.0	0.0	0.0
1690	3	-42.47	201.65	-0.15	0.0	0.0	0.0
1690	4	-29.22	333.67	-0.79	0.0	0.0	0.0
1692	1	-108.14	320.38	-1.18	0.0	0.0	0.0
1692	2	-47.21	636.65	-6.80	0.0	0.0	0.0
1692	3	-37.99	155.39	-0.73	0.0	0.0	0.0
1692	4	-19.93	249.09	-2.40	0.0	0.0	0.0
1694	1	-95.79	260.77	-1.57	0.0	0.0	0.0
1694	2	-21.85	488.26	-8.39	0.0	0.0	0.0
1694	3	-32.33	124.74	-0.96	0.0	0.0	0.0
1694	4	-10.42	192.15	-2.98	0.0	0.0	0.0
1696	1	-81.61	214.27	-1.83	0.0	0.0	0.0
1696	2	-1.41	375.54	-9.58	0.0	0.0	0.0
1696	3	-26.44	101.18	-1.13	0.0	0.0	0.0
1696	4	-2.68	148.97	-3.42	0.0	0.0	0.0
1698	1	-67.14	176.42	-2.05	0.0	0.0	0.0
1698	2	12.02	287.60	-10.69	0.0	0.0	0.0
1698	3	-20.95	82.37	-1.27	0.0	0.0	0.0
1698	4	2.51	115.31	-3.83	0.0	0.0	0.0
1700	1	-53.17	145.31	-2.23	0.0	0.0	0.0
1700	2	18.83	218.75	-11.69	0.0	0.0	0.0
1700	3	-16.07	67.23	-1.40	0.0	0.0	0.0
1700	4	5.26	88.99	-4.20	0.0	0.0	0.0
1702	1	-40.18	119.84	-2.36	0.0	0.0	0.0
1702	2	20.01	165.65	-12.55	0.0	0.0	0.0
1702	3	-11.89	55.15	-1.50	0.0	0.0	0.0
1702	4	5.94	68.72	-4.52	0.0	0.0	0.0
1704	1	-28.44	99.27	-2.45	0.0	0.0	0.0
1704	2	16.64	126.18	-13.26	0.0	0.0	0.0
1704	3	-8.41	45.72	-1.58	0.0	0.0	0.0
1704	4	4.95	53.69	-4.78	0.0	0.0	0.0



1706	1	-18.12	83.03	-2.50	0.0	0.0	0.0
1706	2	9.73	99.02	-13.79	0.0	0.0	0.0
1706	3	-5.60	38.67	-1.63	0.0	0.0	0.0
1706	4	2.66	43.41	-4.98	0.0	0.0	0.0
1708	1	-9.25	70.68	-2.51	0.0	0.0	0.0
1708	2	0.24	83.35	-14.15	0.0	0.0	0.0
1708	3	-3.40	33.80	-1.66	0.0	0.0	0.0
1708	4	-0.59	37.55	-5.11	0.0	0.0	0.0
1710	1	-1.84	61.83	-2.48	0.0	0.0	0.0
1710	2	-10.94	78.78	-14.32	0.0	0.0	0.0
1710	3	-1.77	30.97	-1.67	0.0	0.0	0.0
1710	4	-4.46	35.99	-5.17	0.0	0.0	0.0
1712	1	4.18	56.20	-2.43	0.0	0.0	0.0
1712	2	-22.94	85.28	-14.30	0.0	0.0	0.0
1712	3	-0.61	30.10	-1.65	0.0	0.0	0.0
1712	4	-8.65	38.71	-5.17	0.0	0.0	0.0
1714	1	8.89	53.54	-2.34	0.0	0.0	0.0
1714	2	-34.90	103.25	-14.10	0.0	0.0	0.0
1714	3	0.15	31.15	-1.61	0.0	0.0	0.0
1714	4	-12.83	45.88	-5.09	0.0	0.0	0.0
1716	1	12.38	53.69	-2.23	0.0	0.0	0.0
1716	2	-45.95	133.59	-13.70	0.0	0.0	0.0
1716	3	0.59	34.16	-1.55	0.0	0.0	0.0
1716	4	-16.69	57.83	-4.95	0.0	0.0	0.0
1718	1	14.75	56.56	-2.09	0.0	0.0	0.0
1718	2	-55.23	177.93	-13.12	0.0	0.0	0.0
1718	3	0.80	39.24	-1.47	0.0	0.0	0.0
1718	4	-19.94	75.21	-4.73	0.0	0.0	0.0
1720	1	16.08	62.16	-1.93	0.0	0.0	0.0
1720	2	-61.98	239.08	-12.37	0.0	0.0	0.0
1720	3	0.84	46.67	-1.36	0.0	0.0	0.0
1720	4	-22.29	99.09	-4.46	0.0	0.0	0.0
1722	1	16.36	70.71	-1.74	0.0	0.0	0.0
1722	2	-65.88	321.96	-11.45	0.0	0.0	0.0
1722	3	0.71	56.93	-1.24	0.0	0.0	0.0
1722	4	-23.66	131.38	-4.12	0.0	0.0	0.0
1724	1	15.30	82.76	-1.47	0.0	0.0	0.0
1724	2	-68.38	435.85	-10.03	0.0	0.0	0.0
1724	3	0.15	71.09	-1.06	0.0	0.0	0.0
1724	4	-24.65	175.71	-3.60	0.0	0.0	0.0
1726	1	12.25	100.97	-0.81	0.0	0.0	0.0
1726	2	-72.97	607.86	-5.82	0.0	0.0	0.0
1726	3	-1.38	92.59	-0.58	0.0	0.0	0.0
1726	4	-26.63	242.77	-2.07	0.0	0.0	0.0
2070	1	26.73	-132.40	-18.27	0.0	0.0	0.0
2070	2	69.85	-320.08	-39.71	0.0	0.0	0.0
2070	3	16.81	-80.98	-10.90	0.0	0.0	0.0
2070	4	29.59	-136.59	-17.25	0.0	0.0	0.0
2089	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
2089	2	-163.52	-811.47	-114.57	0.0	0.0	0.0
2089	3	-21.41	-105.32	-14.82	0.0	0.0	0.0
2089	4	-64.51	-319.93	-45.17	0.0	0.0	0.0
2133	1	-26.03	-128.59	-17.72	0.0	0.0	0.0
2133	2	-69.85	-320.08	-39.70	0.0	0.0	0.0
2133	3	-16.60	-79.85	-10.74	0.0	0.0	0.0
2133	4	-29.59	-136.59	-17.25	0.0	0.0	0.0
2158	1	79.65	-362.18	-48.79	0.0	0.0	0.0
2158	2	258.69	-1249.80	-171.15	0.0	0.0	0.0
2158	3	48.98	-230.37	-31.38	0.0	0.0	0.0
2158	4	102.03	-493.37	-67.64	0.0	0.0	0.0
2175	1	-144.27	-714.91	-98.12	0.0	0.0	0.0
2175	2	-238.36	-1147.86	-155.35	0.0	0.0	0.0
2175	3	-66.62	-327.37	-44.83	0.0	0.0	0.0
2175	4	-94.50	-455.65	-61.79	0.0	0.0	0.0
2194	1	137.74	-682.56	-93.72	0.0	0.0	0.0
2194	2	238.36	-1147.86	-155.35	0.0	0.0	0.0
2194	3	64.68	-317.78	-43.53	0.0	0.0	0.0
2194	4	94.50	-455.65	-61.79	0.0	0.0	0.0
2211	1	-76.74	-349.70	-47.10	0.0	0.0	0.0
2211	2	-258.69	-1249.80	-171.15	0.0	0.0	0.0
2211	3	-48.12	-226.67	-30.88	0.0	0.0	0.0
2211	4	-102.03	-493.37	-67.64	0.0	0.0	0.0
2230	1	18.69	-90.37	-12.58	0.0	0.0	0.0
2230	2	163.52	-811.48	-114.56	0.0	0.0	0.0
2230	3	21.60	-106.27	-14.95	0.0	0.0	0.0
2230	4	64.51	-319.93	-45.17	0.0	0.0	0.0
2288	1	13.80	65.24	-0.09	0.0	0.0	0.0



2288	2	154.20	593.32	6.38	0.0	0.0	0.0
2288	3	18.68	76.74	0.51	0.0	0.0	0.0
2288	4	60.28	233.21	2.43	0.0	0.0	0.0
2310	1	-14.44	67.11	-0.05	0.0	0.0	0.0
2310	2	-154.20	593.31	6.38	0.0	0.0	0.0
2310	3	-18.87	77.29	0.53	0.0	0.0	0.0
2310	4	-60.28	233.21	2.43	0.0	0.0	0.0

Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		-258.69	-3571.79	-837.07	0.0	0.0	0.0
		258.69	1564.07	6.38	0.0	0.0	0.0

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	2	139.31	1214.24	-138.59	0.0	0.0	0.0
	3	12.57	172.38	-20.14	0.0	0.0	0.0
	1	1.75	171.93	-20.94	0.0	0.0	0.0
	1	1.75	171.93	-20.94	0.0	0.0	0.0
	1	1.75	171.93	-20.94	0.0	0.0	0.0
11	1	1.75	171.93	-20.94	0.0	0.0	0.0
	2	6.81	-1669.65	-380.78	0.0	0.0	0.0
	3	0.50	-274.25	-61.73	0.0	0.0	0.0
	1	-0.18	-322.45	-71.21	0.0	0.0	0.0
	1	-0.18	-322.45	-71.21	0.0	0.0	0.0
24	1	-0.18	-322.45	-71.21	0.0	0.0	0.0
	1	-0.18	-322.45	-71.21	0.0	0.0	0.0
	2	-6.05	-321.67	-236.52	0.0	0.0	0.0
	3	-0.52	-58.73	-34.79	0.0	0.0	0.0
	1	-0.21	-76.17	-36.01	0.0	0.0	0.0
33	1	-0.21	-76.17	-36.01	0.0	0.0	0.0
	1	-0.21	-76.17	-36.01	0.0	0.0	0.0
	2	-6.37	248.76	-211.54	0.0	0.0	0.0
	3	-0.57	31.64	-30.72	0.0	0.0	0.0
	1	-0.31	26.50	-31.71	0.0	0.0	0.0
88	1	-0.31	26.50	-31.71	0.0	0.0	0.0
	1	-0.31	26.50	-31.71	0.0	0.0	0.0
	2	-1.53	-818.50	-283.17	0.0	0.0	0.0
	3	-0.12	-137.19	-43.71	0.0	0.0	0.0
	1	-0.04	-164.84	-47.64	0.0	0.0	0.0
93	1	-0.04	-164.84	-47.64	0.0	0.0	0.0
	1	-0.04	-164.84	-47.64	0.0	0.0	0.0
	2	-23.99	1564.07	-249.78	0.0	0.0	0.0
	3	18.73	372.74	-59.69	0.0	0.0	0.0
	1	67.76	770.97	-125.47	0.0	0.0	0.0
125	1	67.76	770.97	-125.47	0.0	0.0	0.0
	1	67.76	770.97	-125.47	0.0	0.0	0.0
	2	6.05	-321.67	-236.52	0.0	0.0	0.0
	3	0.53	-58.49	-35.04	0.0	0.0	0.0
	1	0.23	-75.34	-36.85	0.0	0.0	0.0
131	1	0.23	-75.34	-36.85	0.0	0.0	0.0
	1	0.23	-75.34	-36.85	0.0	0.0	0.0
	2	0.41	-1852.37	-671.74	0.0	0.0	0.0
	3	0.04	-426.08	-154.99	0.0	0.0	0.0
	1	0.04	-810.72	-309.75	0.0	0.0	0.0
142	1	0.04	-810.72	-309.75	0.0	0.0	0.0
	1	0.04	-810.72	-309.75	0.0	0.0	0.0
	2	6.37	248.76	-211.54	0.0	0.0	0.0
	3	0.58	31.88	-30.94	0.0	0.0	0.0
	1	0.33	27.32	-32.46	0.0	0.0	0.0
169	1	0.33	27.32	-32.46	0.0	0.0	0.0
	1	0.33	27.32	-32.46	0.0	0.0	0.0
	2	1.53	-818.49	-283.19	0.0	0.0	0.0
	3	0.13	-136.96	-43.89	0.0	0.0	0.0
	1	0.04	-164.05	-48.24	0.0	0.0	0.0
178	1	0.04	-164.05	-48.24	0.0	0.0	0.0
	1	0.04	-164.05	-48.24	0.0	0.0	0.0
	1	0.04	-164.05	-48.24	0.0	0.0	0.0
	2	-6.81	-1669.65	-380.77	0.0	0.0	0.0



	3	-0.53	-274.04	-61.76	0.0	0.0	0.0
	1	0.10	-321.74	-71.32	0.0	0.0	0.0
	1	0.10	-321.74	-71.32	0.0	0.0	0.0
	1	0.10	-321.74	-71.32	0.0	0.0	0.0
	1	0.10	-321.74	-71.32	0.0	0.0	0.0
191	2	23.99	1564.07	-249.78	0.0	0.0	0.0
	3	-18.89	362.74	-57.60	0.0	0.0	0.0
	1	-68.31	737.20	-118.43	0.0	0.0	0.0
	1	-68.31	737.20	-118.43	0.0	0.0	0.0
	1	-68.31	737.20	-118.43	0.0	0.0	0.0
	1	-68.31	737.20	-118.43	0.0	0.0	0.0
201	2	0.28	-3571.79	-837.07	0.0	0.0	0.0
	3	-1.74	-809.96	-189.41	0.0	0.0	0.0
	1	-5.92	-1536.90	-362.60	0.0	0.0	0.0
	1	-5.92	-1536.90	-362.60	0.0	0.0	0.0
	1	-5.92	-1536.90	-362.60	0.0	0.0	0.0
	1	-5.92	-1536.90	-362.60	0.0	0.0	0.0
214	2	-1.35	-995.61	-577.25	0.0	0.0	0.0
	3	0.03	-217.01	-128.92	0.0	0.0	0.0
	1	0.46	-388.42	-258.42	0.0	0.0	0.0
	1	0.46	-388.42	-258.42	0.0	0.0	0.0
	1	0.46	-388.42	-258.42	0.0	0.0	0.0
	1	0.46	-388.42	-258.42	0.0	0.0	0.0
223	2	-1.32	62.06	-481.45	0.0	0.0	0.0
	3	-0.04	23.72	-108.58	0.0	0.0	0.0
	1	0.20	72.87	-221.55	0.0	0.0	0.0
	1	0.20	72.87	-221.55	0.0	0.0	0.0
	1	0.20	72.87	-221.55	0.0	0.0	0.0
	1	0.20	72.87	-221.55	0.0	0.0	0.0
278	2	-0.41	-1852.37	-671.74	0.0	0.0	0.0
	3	-0.04	-416.61	-150.51	0.0	0.0	0.0
	1	-0.01	-778.77	-294.64	0.0	0.0	0.0
	1	-0.01	-778.77	-294.64	0.0	0.0	0.0
	1	-0.01	-778.77	-294.64	0.0	0.0	0.0
	1	-0.01	-778.77	-294.64	0.0	0.0	0.0
301	2	-139.31	1214.24	-138.59	0.0	0.0	0.0
	3	-12.87	173.03	-20.24	0.0	0.0	0.0
	1	-2.76	174.12	-21.29	0.0	0.0	0.0
	1	-2.76	174.12	-21.29	0.0	0.0	0.0
	1	-2.76	174.12	-21.29	0.0	0.0	0.0
	1	-2.76	174.12	-21.29	0.0	0.0	0.0
313	2	-0.28	-3571.79	-837.07	0.0	0.0	0.0
	3	1.84	-829.85	-194.34	0.0	0.0	0.0
	1	6.26	-1604.02	-379.22	0.0	0.0	0.0
	1	6.26	-1604.02	-379.22	0.0	0.0	0.0
	1	6.26	-1604.02	-379.22	0.0	0.0	0.0
	1	6.26	-1604.02	-379.22	0.0	0.0	0.0
326	2	1.35	-995.61	-577.25	0.0	0.0	0.0
	3	-0.03	-221.03	-133.31	0.0	0.0	0.0
	1	-0.44	-401.98	-273.22	0.0	0.0	0.0
	1	-0.44	-401.98	-273.22	0.0	0.0	0.0
	1	-0.44	-401.98	-273.22	0.0	0.0	0.0
	1	-0.44	-401.98	-273.22	0.0	0.0	0.0
335	2	1.32	62.06	-481.45	0.0	0.0	0.0
	3	0.05	25.55	-112.63	0.0	0.0	0.0
	1	-0.18	79.03	-235.20	0.0	0.0	0.0
	1	-0.18	79.03	-235.20	0.0	0.0	0.0
	1	-0.18	79.03	-235.20	0.0	0.0	0.0
	1	-0.18	79.03	-235.20	0.0	0.0	0.0
346	2	72.97	607.86	-5.82	0.0	0.0	0.0
	3	1.04	92.55	-0.58	0.0	0.0	0.0
	1	-13.40	100.84	-0.82	0.0	0.0	0.0
	1	-13.40	100.84	-0.82	0.0	0.0	0.0
	1	-13.40	100.84	-0.82	0.0	0.0	0.0
	1	-13.40	100.84	-0.82	0.0	0.0	0.0
348	2	68.38	435.85	-10.03	0.0	0.0	0.0
	3	-0.53	71.27	-1.07	0.0	0.0	0.0
	1	-16.58	83.37	-1.49	0.0	0.0	0.0
	1	-16.58	83.37	-1.49	0.0	0.0	0.0
	1	-16.58	83.37	-1.49	0.0	0.0	0.0
	1	-16.58	83.37	-1.49	0.0	0.0	0.0
350	2	65.88	321.96	-11.45	0.0	0.0	0.0
	3	-1.09	57.24	-1.25	0.0	0.0	0.0
	1	-17.66	71.74	-1.76	0.0	0.0	0.0
	1	-17.66	71.74	-1.76	0.0	0.0	0.0
	1	-17.66	71.74	-1.76	0.0	0.0	0.0
	1	-17.66	71.74	-1.76	0.0	0.0	0.0



352	2	61.98	239.08	-12.37	0.0	0.0	0.0
	3	-1.20	47.06	-1.37	0.0	0.0	0.0
	1	-17.29	63.49	-1.96	0.0	0.0	0.0
	1	-17.29	63.49	-1.96	0.0	0.0	0.0
	1	-17.29	63.49	-1.96	0.0	0.0	0.0
	1	-17.29	63.49	-1.96	0.0	0.0	0.0
354	2	55.23	177.93	-13.12	0.0	0.0	0.0
	3	-1.10	39.71	-1.48	0.0	0.0	0.0
	1	-15.76	58.13	-2.13	0.0	0.0	0.0
	1	-15.76	58.13	-2.13	0.0	0.0	0.0
	1	-15.76	58.13	-2.13	0.0	0.0	0.0
	1	-15.76	58.13	-2.13	0.0	0.0	0.0
356	2	45.95	133.59	-13.70	0.0	0.0	0.0
	3	-0.80	34.69	-1.56	0.0	0.0	0.0
	1	-13.09	55.50	-2.28	0.0	0.0	0.0
	1	-13.09	55.50	-2.28	0.0	0.0	0.0
	1	-13.09	55.50	-2.28	0.0	0.0	0.0
	1	-13.09	55.50	-2.28	0.0	0.0	0.0
358	2	34.90	103.25	-14.10	0.0	0.0	0.0
	3	-0.24	31.76	-1.63	0.0	0.0	0.0
	1	-9.22	55.61	-2.40	0.0	0.0	0.0
	1	-9.22	55.61	-2.40	0.0	0.0	0.0
	1	-9.22	55.61	-2.40	0.0	0.0	0.0
	1	-9.22	55.61	-2.40	0.0	0.0	0.0
360	2	22.94	85.28	-14.30	0.0	0.0	0.0
	3	0.65	30.81	-1.67	0.0	0.0	0.0
	1	-4.04	58.58	-2.49	0.0	0.0	0.0
	1	-4.04	58.58	-2.49	0.0	0.0	0.0
	1	-4.04	58.58	-2.49	0.0	0.0	0.0
	1	-4.04	58.58	-2.49	0.0	0.0	0.0
362	2	10.94	78.78	-14.32	0.0	0.0	0.0
	3	1.97	31.79	-1.69	0.0	0.0	0.0
	1	2.53	64.61	-2.55	0.0	0.0	0.0
	1	2.53	64.61	-2.55	0.0	0.0	0.0
	1	2.53	64.61	-2.55	0.0	0.0	0.0
	1	2.53	64.61	-2.55	0.0	0.0	0.0
364	2	-0.24	83.35	-14.15	0.0	0.0	0.0
	3	3.79	34.77	-1.68	0.0	0.0	0.0
	1	10.56	73.95	-2.58	0.0	0.0	0.0
	1	10.56	73.95	-2.58	0.0	0.0	0.0
	1	10.56	73.95	-2.58	0.0	0.0	0.0
	1	10.56	73.95	-2.58	0.0	0.0	0.0
366	2	-9.73	99.02	-13.79	0.0	0.0	0.0
	3	6.18	39.82	-1.65	0.0	0.0	0.0
	1	20.08	86.90	-2.57	0.0	0.0	0.0
	1	20.08	86.90	-2.57	0.0	0.0	0.0
	1	20.08	86.90	-2.57	0.0	0.0	0.0
	1	20.08	86.90	-2.57	0.0	0.0	0.0
368	2	-16.64	126.18	-13.26	0.0	0.0	0.0
	3	9.19	47.09	-1.60	0.0	0.0	0.0
	1	31.08	103.88	-2.52	0.0	0.0	0.0
	1	31.08	103.88	-2.52	0.0	0.0	0.0
	1	31.08	103.88	-2.52	0.0	0.0	0.0
	1	31.08	103.88	-2.52	0.0	0.0	0.0
370	2	-20.01	165.65	-12.55	0.0	0.0	0.0
	3	12.87	56.78	-1.52	0.0	0.0	0.0
	1	43.47	125.34	-2.43	0.0	0.0	0.0
	1	43.47	125.34	-2.43	0.0	0.0	0.0
	1	43.47	125.34	-2.43	0.0	0.0	0.0
	1	43.47	125.34	-2.43	0.0	0.0	0.0
372	2	-18.83	218.75	-11.69	0.0	0.0	0.0
	3	17.22	69.18	-1.42	0.0	0.0	0.0
	1	57.05	151.87	-2.29	0.0	0.0	0.0
	1	57.05	151.87	-2.29	0.0	0.0	0.0
	1	57.05	151.87	-2.29	0.0	0.0	0.0
	1	57.05	151.87	-2.29	0.0	0.0	0.0
374	2	-12.02	287.59	-10.69	0.0	0.0	0.0
	3	22.24	84.69	-1.29	0.0	0.0	0.0
	1	71.50	184.23	-2.11	0.0	0.0	0.0
	1	71.50	184.23	-2.11	0.0	0.0	0.0
	1	71.50	184.23	-2.11	0.0	0.0	0.0
	1	71.50	184.23	-2.11	0.0	0.0	0.0
376	2	1.41	375.54	-9.58	0.0	0.0	0.0
	3	27.82	103.93	-1.14	0.0	0.0	0.0
	1	86.27	223.53	-1.88	0.0	0.0	0.0
	1	86.27	223.53	-1.88	0.0	0.0	0.0
	1	86.27	223.53	-1.88	0.0	0.0	0.0



378	1	86.27	223.53	-1.88	0.0	0.0	0.0
	2	21.85	488.26	-8.39	0.0	0.0	0.0
	3	33.72	128.00	-0.97	0.0	0.0	0.0
380	1	100.49	271.76	-1.60	0.0	0.0	0.0
	1	100.49	271.76	-1.60	0.0	0.0	0.0
	1	100.49	271.76	-1.60	0.0	0.0	0.0
	1	100.49	271.76	-1.60	0.0	0.0	0.0
	2	47.21	636.65	-6.80	0.0	0.0	0.0
	3	39.30	159.32	-0.74	0.0	0.0	0.0
382	1	112.56	333.65	-1.20	0.0	0.0	0.0
	1	112.56	333.65	-1.20	0.0	0.0	0.0
	1	112.56	333.65	-1.20	0.0	0.0	0.0
	1	112.56	333.65	-1.20	0.0	0.0	0.0
	2	72.20	856.15	-2.40	0.0	0.0	0.0
	3	43.59	206.78	-0.15	0.0	0.0	0.0
1018	1	120.71	427.90	-0.26	0.0	0.0	0.0
	1	120.71	427.90	-0.26	0.0	0.0	0.0
	1	120.71	427.90	-0.26	0.0	0.0	0.0
	1	120.71	427.90	-0.26	0.0	0.0	0.0
	2	-116.54	858.48	-2.25	0.0	0.0	0.0
	1	10.41	406.94	0.19	0.0	0.0	0.0
1020	1	10.41	406.94	0.19	0.0	0.0	0.0
	1	10.41	406.94	0.19	0.0	0.0	0.0
	1	10.41	406.94	0.19	0.0	0.0	0.0
	1	10.41	406.94	0.19	0.0	0.0	0.0
	2	-90.05	643.03	-6.33	0.0	0.0	0.0
	1	11.18	290.60	0.01	0.0	0.0	0.0
1022	1	11.18	290.60	0.01	0.0	0.0	0.0
	1	11.18	290.60	0.01	0.0	0.0	0.0
	1	11.18	290.60	0.01	0.0	0.0	0.0
	1	11.18	290.60	0.01	0.0	0.0	0.0
	2	-62.85	499.86	-7.69	0.0	0.0	0.0
	1	12.21	205.56	0.27	0.0	0.0	0.0
1024	1	12.21	205.56	0.27	0.0	0.0	0.0
	1	12.21	205.56	0.27	0.0	0.0	0.0
	1	12.21	205.56	0.27	0.0	0.0	0.0
	1	12.21	205.56	0.27	0.0	0.0	0.0
	2	-39.86	392.93	-8.63	0.0	0.0	0.0
	1	12.65	133.73	0.57	0.0	0.0	0.0
1026	1	12.65	133.73	0.57	0.0	0.0	0.0
	1	12.65	133.73	0.57	0.0	0.0	0.0
	1	12.65	133.73	0.57	0.0	0.0	0.0
	1	12.65	133.73	0.57	0.0	0.0	0.0
	2	-22.97	311.20	-9.49	0.0	0.0	0.0
	1	11.96	71.48	0.84	0.0	0.0	0.0
1028	1	11.96	71.48	0.84	0.0	0.0	0.0
	1	11.96	71.48	0.84	0.0	0.0	0.0
	1	11.96	71.48	0.84	0.0	0.0	0.0
	1	11.96	71.48	0.84	0.0	0.0	0.0
	2	-11.69	249.03	-10.23	0.0	0.0	0.0
	1	10.37	18.44	1.09	0.0	0.0	0.0
1030	1	10.37	18.44	1.09	0.0	0.0	0.0
	1	10.37	18.44	1.09	0.0	0.0	0.0
	1	10.37	18.44	1.09	0.0	0.0	0.0
	1	10.37	18.44	1.09	0.0	0.0	0.0
	2	-4.91	203.14	-10.83	0.0	0.0	0.0
	1	8.32	-24.45	1.29	0.0	0.0	0.0
1032	1	8.32	-24.45	1.29	0.0	0.0	0.0
	1	8.32	-24.45	1.29	0.0	0.0	0.0
	1	8.32	-24.45	1.29	0.0	0.0	0.0
	1	8.32	-24.45	1.29	0.0	0.0	0.0
	2	-1.47	171.53	-11.27	0.0	0.0	0.0
	1	6.15	-55.69	1.44	0.0	0.0	0.0
1034	1	6.15	-55.69	1.44	0.0	0.0	0.0
	1	6.15	-55.69	1.44	0.0	0.0	0.0
	1	6.15	-55.69	1.44	0.0	0.0	0.0
	1	6.15	-55.69	1.44	0.0	0.0	0.0
	2	-0.19	153.00	-11.53	0.0	0.0	0.0
	1	3.94	-73.85	1.54	0.0	0.0	0.0
1036	1	3.94	-73.85	1.54	0.0	0.0	0.0
	1	3.94	-73.85	1.54	0.0	0.0	0.0
	1	3.94	-73.85	1.54	0.0	0.0	0.0
	1	3.94	-73.85	1.54	0.0	0.0	0.0
	2	-1.74e-05	146.89	-11.62	0.0	0.0	0.0
	1	1.50	-78.08	1.57	0.0	0.0	0.0
	1	1.50	-78.08	1.57	0.0	0.0	0.0
	1	1.50	-78.08	1.57	0.0	0.0	0.0



	1	1.50	-78.08	1.57	0.0	0.0	0.0
	1	1.50	-78.08	1.57	0.0	0.0	0.0
1038	2	0.19	153.00	-11.53	0.0	0.0	0.0
	1	-1.48	-68.47	1.53	0.0	0.0	0.0
	1	-1.48	-68.47	1.53	0.0	0.0	0.0
	1	-1.48	-68.47	1.53	0.0	0.0	0.0
	1	-1.48	-68.47	1.53	0.0	0.0	0.0
	1	-1.48	-68.47	1.53	0.0	0.0	0.0
1040	2	1.47	171.53	-11.27	0.0	0.0	0.0
	1	-5.12	-46.06	1.43	0.0	0.0	0.0
	1	-5.12	-46.06	1.43	0.0	0.0	0.0
	1	-5.12	-46.06	1.43	0.0	0.0	0.0
	1	-5.12	-46.06	1.43	0.0	0.0	0.0
	1	-5.12	-46.06	1.43	0.0	0.0	0.0
1042	2	4.91	203.14	-10.83	0.0	0.0	0.0
	1	-9.22	-12.49	1.27	0.0	0.0	0.0
	1	-9.22	-12.49	1.27	0.0	0.0	0.0
	1	-9.22	-12.49	1.27	0.0	0.0	0.0
	1	-9.22	-12.49	1.27	0.0	0.0	0.0
1044	2	11.69	249.03	-10.23	0.0	0.0	0.0
	1	-13.20	30.52	1.07	0.0	0.0	0.0
	1	-13.20	30.52	1.07	0.0	0.0	0.0
	1	-13.20	30.52	1.07	0.0	0.0	0.0
	1	-13.20	30.52	1.07	0.0	0.0	0.0
	1	-13.20	30.52	1.07	0.0	0.0	0.0
1046	2	22.97	311.20	-9.49	0.0	0.0	0.0
	1	-16.35	81.60	0.83	0.0	0.0	0.0
	1	-16.35	81.60	0.83	0.0	0.0	0.0
	1	-16.35	81.60	0.83	0.0	0.0	0.0
	1	-16.35	81.60	0.83	0.0	0.0	0.0
	1	-16.35	81.60	0.83	0.0	0.0	0.0
1048	2	39.86	392.93	-8.63	0.0	0.0	0.0
	1	-18.03	140.20	0.55	0.0	0.0	0.0
	1	-18.03	140.20	0.55	0.0	0.0	0.0
	1	-18.03	140.20	0.55	0.0	0.0	0.0
	1	-18.03	140.20	0.55	0.0	0.0	0.0
	1	-18.03	140.20	0.55	0.0	0.0	0.0
1050	2	62.85	499.86	-7.69	0.0	0.0	0.0
	1	-17.97	207.07	0.26	0.0	0.0	0.0
	1	-17.97	207.07	0.26	0.0	0.0	0.0
	1	-17.97	207.07	0.26	0.0	0.0	0.0
	1	-17.97	207.07	0.26	0.0	0.0	0.0
	1	-17.97	207.07	0.26	0.0	0.0	0.0
1052	2	90.05	643.03	-6.33	0.0	0.0	0.0
	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
	1	-16.74	285.96	7.29e-03	0.0	0.0	0.0
1054	2	116.54	858.48	-2.25	0.0	0.0	0.0
	1	-15.31	394.05	0.18	0.0	0.0	0.0
	1	-15.31	394.05	0.18	0.0	0.0	0.0
	1	-15.31	394.05	0.18	0.0	0.0	0.0
	1	-15.31	394.05	0.18	0.0	0.0	0.0
	1	-15.31	394.05	0.18	0.0	0.0	0.0
1690	2	-72.20	856.15	-2.40	0.0	0.0	0.0
	3	-42.47	201.65	-0.15	0.0	0.0	0.0
	1	-116.93	410.61	-0.25	0.0	0.0	0.0
	1	-116.93	410.61	-0.25	0.0	0.0	0.0
	1	-116.93	410.61	-0.25	0.0	0.0	0.0
	1	-116.93	410.61	-0.25	0.0	0.0	0.0
1692	2	-47.21	636.65	-6.80	0.0	0.0	0.0
	3	-37.99	155.39	-0.73	0.0	0.0	0.0
	1	-108.14	320.38	-1.18	0.0	0.0	0.0
	1	-108.14	320.38	-1.18	0.0	0.0	0.0
	1	-108.14	320.38	-1.18	0.0	0.0	0.0
	1	-108.14	320.38	-1.18	0.0	0.0	0.0
1694	2	-21.85	488.26	-8.39	0.0	0.0	0.0
	3	-32.33	124.74	-0.96	0.0	0.0	0.0
	1	-95.79	260.77	-1.57	0.0	0.0	0.0
	1	-95.79	260.77	-1.57	0.0	0.0	0.0
	1	-95.79	260.77	-1.57	0.0	0.0	0.0
	1	-95.79	260.77	-1.57	0.0	0.0	0.0
1696	2	-1.41	375.54	-9.58	0.0	0.0	0.0
	3	-26.44	101.18	-1.13	0.0	0.0	0.0
	1	-81.61	214.27	-1.83	0.0	0.0	0.0



	1	-81.61	214.27	-1.83	0.0	0.0	0.0
	1	-81.61	214.27	-1.83	0.0	0.0	0.0
	1	-81.61	214.27	-1.83	0.0	0.0	0.0
1698	2	12.02	287.60	-10.69	0.0	0.0	0.0
	3	-20.95	82.37	-1.27	0.0	0.0	0.0
	1	-67.14	176.42	-2.05	0.0	0.0	0.0
	1	-67.14	176.42	-2.05	0.0	0.0	0.0
	1	-67.14	176.42	-2.05	0.0	0.0	0.0
	1	-67.14	176.42	-2.05	0.0	0.0	0.0
1700	2	18.83	218.75	-11.69	0.0	0.0	0.0
	3	-16.07	67.23	-1.40	0.0	0.0	0.0
	1	-53.17	145.31	-2.23	0.0	0.0	0.0
	1	-53.17	145.31	-2.23	0.0	0.0	0.0
	1	-53.17	145.31	-2.23	0.0	0.0	0.0
	1	-53.17	145.31	-2.23	0.0	0.0	0.0
1702	2	20.01	165.65	-12.55	0.0	0.0	0.0
	3	-11.89	55.15	-1.50	0.0	0.0	0.0
	1	-40.18	119.84	-2.36	0.0	0.0	0.0
	1	-40.18	119.84	-2.36	0.0	0.0	0.0
	1	-40.18	119.84	-2.36	0.0	0.0	0.0
	1	-40.18	119.84	-2.36	0.0	0.0	0.0
1704	2	16.64	126.18	-13.26	0.0	0.0	0.0
	3	-8.41	45.72	-1.58	0.0	0.0	0.0
	1	-28.44	99.27	-2.45	0.0	0.0	0.0
	1	-28.44	99.27	-2.45	0.0	0.0	0.0
	1	-28.44	99.27	-2.45	0.0	0.0	0.0
	1	-28.44	99.27	-2.45	0.0	0.0	0.0
1706	2	9.73	99.02	-13.79	0.0	0.0	0.0
	3	-5.60	38.67	-1.63	0.0	0.0	0.0
	1	-18.12	83.03	-2.50	0.0	0.0	0.0
	1	-18.12	83.03	-2.50	0.0	0.0	0.0
	1	-18.12	83.03	-2.50	0.0	0.0	0.0
	1	-18.12	83.03	-2.50	0.0	0.0	0.0
1708	2	0.24	83.35	-14.15	0.0	0.0	0.0
	3	-3.40	33.80	-1.66	0.0	0.0	0.0
	1	-9.25	70.68	-2.51	0.0	0.0	0.0
	1	-9.25	70.68	-2.51	0.0	0.0	0.0
	1	-9.25	70.68	-2.51	0.0	0.0	0.0
	1	-9.25	70.68	-2.51	0.0	0.0	0.0
1710	2	-10.94	78.78	-14.32	0.0	0.0	0.0
	3	-1.77	30.97	-1.67	0.0	0.0	0.0
	1	-1.84	61.83	-2.48	0.0	0.0	0.0
	1	-1.84	61.83	-2.48	0.0	0.0	0.0
	1	-1.84	61.83	-2.48	0.0	0.0	0.0
	1	-1.84	61.83	-2.48	0.0	0.0	0.0
1712	2	-22.94	85.28	-14.30	0.0	0.0	0.0
	3	-0.61	30.10	-1.65	0.0	0.0	0.0
	1	4.18	56.20	-2.43	0.0	0.0	0.0
	1	4.18	56.20	-2.43	0.0	0.0	0.0
	1	4.18	56.20	-2.43	0.0	0.0	0.0
	1	4.18	56.20	-2.43	0.0	0.0	0.0
1714	2	-34.90	103.25	-14.10	0.0	0.0	0.0
	3	0.15	31.15	-1.61	0.0	0.0	0.0
	1	8.89	53.54	-2.34	0.0	0.0	0.0
	1	8.89	53.54	-2.34	0.0	0.0	0.0
	1	8.89	53.54	-2.34	0.0	0.0	0.0
	1	8.89	53.54	-2.34	0.0	0.0	0.0
1716	2	-45.95	133.59	-13.70	0.0	0.0	0.0
	3	0.59	34.16	-1.55	0.0	0.0	0.0
	1	12.38	53.69	-2.23	0.0	0.0	0.0
	1	12.38	53.69	-2.23	0.0	0.0	0.0
	1	12.38	53.69	-2.23	0.0	0.0	0.0
	1	12.38	53.69	-2.23	0.0	0.0	0.0
1718	2	-55.23	177.93	-13.12	0.0	0.0	0.0
	3	0.80	39.24	-1.47	0.0	0.0	0.0
	1	14.75	56.56	-2.09	0.0	0.0	0.0
	1	14.75	56.56	-2.09	0.0	0.0	0.0
	1	14.75	56.56	-2.09	0.0	0.0	0.0
	1	14.75	56.56	-2.09	0.0	0.0	0.0
1720	2	-61.98	239.08	-12.37	0.0	0.0	0.0
	3	0.84	46.67	-1.36	0.0	0.0	0.0
	1	16.08	62.16	-1.93	0.0	0.0	0.0
	1	16.08	62.16	-1.93	0.0	0.0	0.0
	1	16.08	62.16	-1.93	0.0	0.0	0.0
	1	16.08	62.16	-1.93	0.0	0.0	0.0
1722	2	-65.88	321.96	-11.45	0.0	0.0	0.0
	3	0.71	56.93	-1.24	0.0	0.0	0.0



	1	16.36	70.71	-1.74	0.0	0.0	0.0
	1	16.36	70.71	-1.74	0.0	0.0	0.0
	1	16.36	70.71	-1.74	0.0	0.0	0.0
	1	16.36	70.71	-1.74	0.0	0.0	0.0
1724	2	-68.38	435.85	-10.03	0.0	0.0	0.0
	3	0.15	71.09	-1.06	0.0	0.0	0.0
	1	15.30	82.76	-1.47	0.0	0.0	0.0
	1	15.30	82.76	-1.47	0.0	0.0	0.0
	1	15.30	82.76	-1.47	0.0	0.0	0.0
	1	15.30	82.76	-1.47	0.0	0.0	0.0
1726	2	-72.97	607.86	-5.82	0.0	0.0	0.0
	3	-1.38	92.59	-0.58	0.0	0.0	0.0
	1	12.25	100.97	-0.81	0.0	0.0	0.0
	1	12.25	100.97	-0.81	0.0	0.0	0.0
	1	12.25	100.97	-0.81	0.0	0.0	0.0
	1	12.25	100.97	-0.81	0.0	0.0	0.0
2070	2	69.85	-320.08	-39.71	0.0	0.0	0.0
	3	16.81	-80.98	-10.90	0.0	0.0	0.0
	1	26.73	-132.40	-18.27	0.0	0.0	0.0
	1	26.73	-132.40	-18.27	0.0	0.0	0.0
	1	26.73	-132.40	-18.27	0.0	0.0	0.0
	1	26.73	-132.40	-18.27	0.0	0.0	0.0
2089	2	-163.52	-811.47	-114.57	0.0	0.0	0.0
	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
	1	-18.07	-87.15	-12.12	0.0	0.0	0.0
2133	2	-69.85	-320.08	-39.70	0.0	0.0	0.0
	3	-16.60	-79.85	-10.74	0.0	0.0	0.0
	1	-26.03	-128.59	-17.72	0.0	0.0	0.0
	1	-26.03	-128.59	-17.72	0.0	0.0	0.0
	1	-26.03	-128.59	-17.72	0.0	0.0	0.0
	1	-26.03	-128.59	-17.72	0.0	0.0	0.0
2158	2	258.69	-1249.80	-171.15	0.0	0.0	0.0
	3	48.98	-230.37	-31.38	0.0	0.0	0.0
	1	79.65	-362.18	-48.79	0.0	0.0	0.0
	1	79.65	-362.18	-48.79	0.0	0.0	0.0
	1	79.65	-362.18	-48.79	0.0	0.0	0.0
	1	79.65	-362.18	-48.79	0.0	0.0	0.0
2175	2	-238.36	-1147.86	-155.35	0.0	0.0	0.0
	3	-66.62	-327.37	-44.83	0.0	0.0	0.0
	1	-144.27	-714.91	-98.12	0.0	0.0	0.0
	1	-144.27	-714.91	-98.12	0.0	0.0	0.0
	1	-144.27	-714.91	-98.12	0.0	0.0	0.0
	1	-144.27	-714.91	-98.12	0.0	0.0	0.0
2194	2	238.36	-1147.86	-155.35	0.0	0.0	0.0
	3	64.68	-317.78	-43.53	0.0	0.0	0.0
	1	137.74	-682.56	-93.72	0.0	0.0	0.0
	1	137.74	-682.56	-93.72	0.0	0.0	0.0
	1	137.74	-682.56	-93.72	0.0	0.0	0.0
	1	137.74	-682.56	-93.72	0.0	0.0	0.0
2211	2	-258.69	-1249.80	-171.15	0.0	0.0	0.0
	3	-48.12	-226.67	-30.88	0.0	0.0	0.0
	1	-76.74	-349.70	-47.10	0.0	0.0	0.0
	1	-76.74	-349.70	-47.10	0.0	0.0	0.0
	1	-76.74	-349.70	-47.10	0.0	0.0	0.0
	1	-76.74	-349.70	-47.10	0.0	0.0	0.0
2230	2	163.52	-811.48	-114.56	0.0	0.0	0.0
	1	18.69	-90.37	-12.58	0.0	0.0	0.0
	1	18.69	-90.37	-12.58	0.0	0.0	0.0
	1	18.69	-90.37	-12.58	0.0	0.0	0.0
	1	18.69	-90.37	-12.58	0.0	0.0	0.0
2288	1	13.80	65.24	-0.09	0.0	0.0	0.0
	2	154.20	593.32	6.38	0.0	0.0	0.0
	1	13.80	65.24	-0.09	0.0	0.0	0.0
	1	13.80	65.24	-0.09	0.0	0.0	0.0
	1	13.80	65.24	-0.09	0.0	0.0	0.0
	1	13.80	65.24	-0.09	0.0	0.0	0.0
2310	1	-14.44	67.11	-0.05	0.0	0.0	0.0
	2	-154.20	593.31	6.38	0.0	0.0	0.0
	1	-14.44	67.11	-0.05	0.0	0.0	0.0
	1	-14.44	67.11	-0.05	0.0	0.0	0.0
	1	-14.44	67.11	-0.05	0.0	0.0	0.0
	1	-14.44	67.11	-0.05	0.0	0.0	0.0



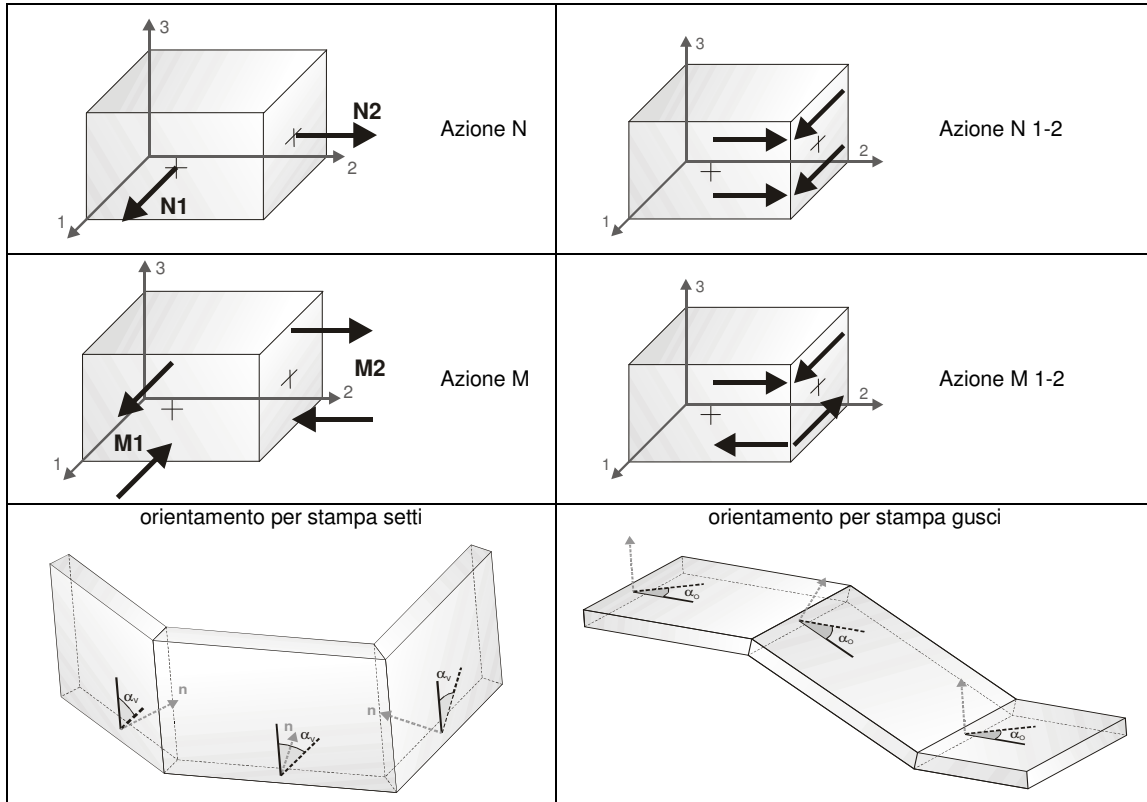




# RISULTATI ELEMENTI TIPO SHELL

## LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate. Per ogni elemento, e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
<b>N max</b>		sforzo membranale principale massimo
<b>N min</b>		sforzo membranale principale minimo
<b>M max</b>		sforzo flessionale principale massimo
<b>M min</b>		sforzo flessionale principale minimo
<b>N1</b>	<b>N2</b>	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
<b>N1-2</b>	<b>M1</b>	
<b>M2</b>	<b>M1-2</b>	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M, S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.

I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di  $\alpha_o$  attorno all'asse Z per i gusci e ruotata di  $\alpha_v$  attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se  $\alpha_v$  è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

<b>N memb.</b>	Azione membranale complessiva agente sulla parete in direzione Z
<b>V memb.</b>	Azione complessiva di taglio agente nel piano del macroelemento
<b>V orto</b>	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
<b>M memb.</b>	Azione flessionale complessiva agente nel piano del macroelemento
<b>M orto</b>	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
<b>T</b>	Azione torsionale complessiva agente nel piano orizzontale



Macro	Tipo	Angolo 1-Z (gradi)
1	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
1	1	-38.36	-23.74	74.30	0.17	84.11	0.28	0.06
1	1	-36.73	-34.20	130.77	-0.11	183.29	2.55	0.91
1	1	-35.37	-42.32	176.06	-0.49	282.33	5.03	3.62
1	1	-34.01	-50.49	219.82	-0.65	396.32	6.89	8.39
1	1	-32.65	-58.68	261.97	-0.35	527.40	7.83	14.56
1	1	-31.30	-66.91	302.71	0.78	676.25	7.76	21.20
1	1	-30.00	-74.84	340.61	2.68	833.98	8.13	26.62
1	1	-29.94	-75.40	342.72	2.79	847.79	8.15	26.83
1	1	-29.18	-76.81	364.40	4.34	840.59	8.86	29.32
1	1	-28.58	-79.45	382.98	5.80	874.53	9.60	31.04
1	1	-28.36	-79.71	388.97	6.46	871.19	10.14	31.31
1	1	-27.68	-82.01	408.92	8.22	888.56	12.40	32.24
1	1	-27.22	-83.57	422.83	9.49	898.46	14.95	32.31
1	1	-27.01	-84.33	429.00	9.88	903.23	16.17	32.34
1	1	-26.33	-86.77	448.85	11.52	915.53	20.84	31.32
1	1	-25.86	-88.48	462.82	12.85	922.21	24.76	30.14
1	1	-25.65	-89.35	469.04	13.37	925.16	26.40	29.69
1	1	-24.97	-92.06	489.13	15.12	930.46	34.07	26.58
1	1	-24.51	-93.98	503.29	15.99	930.07	40.56	24.14
1	1	-24.29	-94.90	509.60	16.31	930.96	43.45	23.21
1	1	-23.61	-97.92	529.91	17.25	921.77	54.79	19.23
1	1	-23.15	-100.18	544.18	17.55	902.99	63.07	16.40
1	1	-22.93	-101.06	550.49	17.85	906.61	66.94	15.31
1	1	-22.25	-104.25	570.82	18.25	887.41	80.01	11.60
1	1	-21.79	-106.82	585.09	18.27	847.83	88.73	8.61
1	1	-21.57	-107.39	591.55	20.02	870.28	93.64	7.34
1	1	-20.43	-113.79	626.05	20.39	768.74	120.88	2.68
1	1	-20.22	-114.32	633.98	14.86	798.44	126.69	-3.38
1	1	-20.00	-114.77	641.39	15.67	822.13	130.44	-5.75
1	1	-19.07	-107.75	669.18	12.88	470.63	146.13	-0.46
1	1	-17.72	-113.21	706.93	9.25	294.73	178.81	1.41
1	1	-16.36	-117.98	742.36	-0.17	158.55	202.96	25.52
1	1	-15.00	-118.45	778.58	-0.72	395.90	212.71	35.59
1	1	-8.00	-115.99	789.06	0.89	-1058.62	220.32	27.10
1	1	0.0	-34.63	705.49	11.66	-1417.54	-27.68	30.14
1	2	-38.36	-137.82	422.25	1.10	397.33	8.73	-51.88
1	2	-36.73	-214.18	772.14	-2.81	837.97	23.27	-95.00
1	2	-35.37	-276.63	1062.15	-9.63	1239.56	30.97	-118.12
1	2	-34.01	-339.65	1346.53	-18.56	1689.41	27.12	-129.41
1	2	-32.65	-403.18	1621.22	-28.96	2206.89	6.48	-131.08
1	2	-31.30	-466.72	1885.04	-40.22	2825.85	-32.08	-127.32
1	2	-30.00	-527.59	2126.11	-51.71	3525.69	-86.73	-120.94
1	2	-29.94	-530.67	2138.95	-52.43	3564.88	-89.93	-120.66
1	2	-29.18	-551.39	2275.31	-57.97	3546.59	-128.95	-114.71
1	2	-28.58	-576.02	2386.12	-63.69	3777.34	-165.60	-109.09
1	2	-28.36	-581.32	2422.64	-64.76	3780.48	-177.46	-108.40
1	2	-27.68	-605.64	2539.25	-71.17	3945.91	-225.01	-97.59
1	2	-27.22	-622.00	2616.60	-75.29	4053.15	-261.49	-92.34
1	2	-27.01	-629.25	2651.53	-76.73	4105.84	-277.38	-91.54
1	2	-26.33	-652.66	2759.77	-83.22	4282.55	-334.71	-82.54
1	2	-25.86	-668.41	2832.31	-87.98	4410.97	-375.28	-78.41
1	2	-25.65	-675.75	2864.74	-90.71	4473.43	-394.02	-77.81
1	2	-24.97	-698.97	2965.31	-98.70	4673.87	-461.96	-71.49
1	2	-24.51	-714.74	3032.64	-102.87	4818.10	-511.30	-68.09
1	2	-24.29	-721.96	3063.03	-105.27	4897.42	-533.47	-68.24
1	2	-23.61	-744.83	3157.73	-113.00	5149.66	-609.66	-66.25
1	2	-23.15	-760.53	3221.45	-118.03	5326.36	-662.93	-64.22
1	2	-22.93	-767.91	3249.62	-122.29	5410.49	-688.98	-64.48
1	2	-22.25	-790.55	3337.31	-130.81	5729.00	-778.58	-65.32
1	2	-21.79	-805.32	3396.17	-133.41	6005.23	-842.30	-63.99
1	2	-21.57	-813.05	3422.98	-139.08	6082.79	-866.21	-65.24
1	2	-20.43	-850.04	3560.85	-138.76	6832.03	-1023.60	-61.30
1	2	-20.22	-856.96	3592.77	-166.29	7004.34	-1058.27	-91.70
1	2	-20.00	-863.26	3623.40	-164.55	7186.16	-1086.44	-52.37
1	2	-19.07	-880.89	3725.44	-195.42	6687.55	-1263.81	-39.78
1	2	-17.72	-912.41	3827.67	-210.82	7933.57	-1511.69	-29.54
1	2	-16.36	-952.15	3928.36	-250.29	8612.40	-1788.82	54.05



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

1	2	-15.00	-972.69	4007.11	-252.25	1.117e+04	-2113.94	86.13
1	2	-8.00	-1055.39	4021.46	-244.98	1515.64	-3797.37	52.26
1	2	0.0	-275.87	3489.32	-134.38	-7221.64	698.16	71.20
1	3	-38.36	-21.07	66.49	0.13	69.78	0.75	-3.89
1	3	-36.73	-31.25	119.17	-0.25	149.28	2.51	-6.87
1	3	-35.37	-39.35	162.22	-0.88	225.72	3.82	-7.80
1	3	-34.01	-47.54	204.21	-1.60	312.05	4.08	-7.23
1	3	-32.65	-55.80	244.78	-2.30	410.85	2.80	-5.51
1	3	-31.30	-64.09	283.88	-2.82	525.18	-0.12	-3.24
1	3	-30.00	-72.06	319.84	-3.13	649.76	-4.15	-1.12
1	3	-29.94	-72.57	321.80	-3.15	660.59	-4.39	-1.03
1	3	-29.18	-74.50	342.11	-3.12	652.64	-7.13	0.18
1	3	-28.58	-77.30	359.13	-3.12	682.23	-9.69	1.13
1	3	-28.36	-77.71	364.62	-3.01	679.47	-10.43	1.27
1	3	-27.68	-80.27	382.56	-2.97	696.64	-13.37	2.38
1	3	-27.22	-81.99	394.82	-2.91	707.74	-15.38	2.82
1	3	-27.01	-82.78	400.23	-2.90	713.46	-16.23	2.89
1	3	-26.33	-85.35	417.37	-2.92	731.72	-19.20	3.30
1	3	-25.86	-87.11	429.21	-2.88	744.64	-21.12	3.28
1	3	-25.65	-87.97	434.41	-2.94	750.98	-22.06	3.20
1	3	-24.97	-90.66	450.94	-3.03	769.73	-24.96	2.78
1	3	-24.51	-92.53	462.40	-3.09	781.61	-26.79	2.33
1	3	-24.29	-93.41	467.45	-3.18	789.12	-27.62	2.05
1	3	-23.61	-96.26	483.54	-3.49	805.97	-30.06	1.05
1	3	-23.15	-98.33	494.73	-3.79	810.69	-31.66	0.38
1	3	-22.93	-99.18	499.60	-4.03	821.64	-32.49	0.04
1	3	-22.25	-102.10	515.14	-4.57	840.25	-35.45	-1.10
1	3	-21.79	-104.30	525.95	-4.76	840.25	-37.73	-1.86
1	3	-21.57	-104.94	530.76	-4.66	866.31	-38.08	-2.33
1	3	-20.43	-110.42	556.49	-4.52	872.40	-41.92	-3.34
1	3	-20.22	-110.83	562.35	-8.37	918.83	-42.82	-7.51
1	3	-20.00	-111.32	567.88	-7.99	951.47	-43.86	-5.17
1	3	-19.07	-106.87	588.13	-11.25	725.72	-52.74	-2.48
1	3	-17.72	-111.34	612.78	-13.66	729.16	-61.36	-0.88
1	3	-16.36	-116.11	636.93	-19.91	709.34	-74.74	13.81
1	3	-15.00	-117.51	659.86	-20.45	997.40	-96.77	19.65
1	3	-8.00	-122.50	665.33	-19.11	-371.54	-228.56	14.13
1	3	0.0	-26.37	586.20	-7.67	-1224.27	42.13	16.60
1	4	-38.36	-54.88	169.58	0.41	162.59	3.25	-19.28
1	4	-36.73	-84.57	309.21	-1.05	343.26	8.65	-35.29
1	4	-35.37	-108.77	424.76	-3.58	509.35	11.51	-43.88
1	4	-34.01	-133.22	538.05	-6.91	695.19	10.08	-48.06
1	4	-32.65	-157.88	647.52	-10.77	908.48	2.41	-48.67
1	4	-31.30	-182.55	752.71	-14.97	1162.10	-11.93	-47.25
1	4	-30.00	-206.20	848.87	-19.24	1447.30	-32.26	-44.84
1	4	-29.94	-207.47	854.01	-19.51	1465.65	-33.45	-44.73
1	4	-29.18	-215.12	908.30	-21.58	1454.42	-47.96	-42.50
1	4	-28.58	-224.43	952.66	-23.71	1542.33	-61.60	-40.39
1	4	-28.36	-226.33	967.19	-24.11	1541.48	-66.02	-40.12
1	4	-27.68	-235.42	1013.77	-26.49	1602.53	-83.71	-36.08
1	4	-27.22	-241.52	1044.83	-28.03	1642.46	-97.29	-34.11
1	4	-27.01	-244.24	1058.76	-28.57	1662.38	-103.20	-33.81
1	4	-26.33	-253.03	1102.09	-30.99	1729.36	-124.55	-30.44
1	4	-25.86	-258.94	1131.28	-32.76	1778.35	-139.65	-28.88
1	4	-25.65	-261.72	1144.24	-33.78	1802.32	-146.63	-28.65
1	4	-24.97	-270.49	1184.63	-36.75	1878.89	-171.93	-26.28
1	4	-24.51	-276.46	1211.84	-38.31	1933.62	-190.30	-24.99
1	4	-24.29	-279.21	1224.02	-39.20	1964.37	-198.56	-25.04
1	4	-23.61	-287.93	1262.16	-42.09	2058.68	-226.93	-24.28
1	4	-23.15	-293.99	1288.00	-43.96	2121.32	-246.77	-23.51
1	4	-22.93	-296.76	1299.34	-45.55	2156.13	-256.47	-23.60
1	4	-22.25	-305.44	1334.84	-48.73	2274.79	-289.85	-23.89
1	4	-21.79	-311.26	1358.86	-49.70	2368.37	-313.58	-23.37
1	4	-21.57	-314.02	1369.71	-51.80	2410.75	-322.48	-23.83
1	4	-20.43	-328.57	1426.06	-51.68	2668.93	-381.03	-22.30
1	4	-20.22	-330.88	1439.03	-62.05	2757.62	-393.92	-33.68
1	4	-20.00	-333.09	1451.44	-61.39	2837.10	-404.42	-18.98
1	4	-19.07	-335.95	1493.69	-72.97	2567.77	-470.50	-14.13
1	4	-17.72	-348.14	1537.45	-78.87	2992.52	-562.25	-10.05
1	4	-16.36	-363.27	1580.93	-94.02	3214.18	-664.90	22.26
1	4	-15.00	-370.62	1616.46	-94.97	4191.02	-786.14	34.62
1	4	-8.00	-400.84	1623.08	-91.96	391.20	-1418.98	21.59
1	4	0.0	-97.85	1411.04	-50.94	-2944.01	257.20	28.76
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-1055.39	66.49	-252.25	-7221.64	-3797.37	-131.08
			-21.07	4021.46	20.39	1.117e+04	698.16	86.13



Macro	Tipo	Angolo 1-Z (gradi)
2	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	1	-8.00	-63.01	1.08	8.81	-45.29	24.48	0.01
2	1	0.0	-124.52	-0.34	-27.91	-55.97	-51.91	-0.02
2	2	-8.00	-492.52	-8.85e-04	23.46	0.07	85.01	-3.23e-05
2	2	0.0	-805.00	-2.93e-04	-104.05	3.27e-03	-237.37	-6.64e-06
2	3	-8.00	-48.79	0.32	4.78	-13.42	14.82	3.27e-03
2	3	0.0	-93.78	-0.10	-17.44	-16.58	-35.83	-5.10e-03
2	4	-8.00	-176.05	-3.30e-04	9.12	0.02	32.75	-1.36e-05
2	4	0.0	-295.40	-1.09e-04	-40.01	6.21e-04	-90.78	-2.81e-06
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-805.00	-0.34	-104.05	-55.97	-237.37	-0.02
			-48.79	1.08	23.46	0.07	85.01	0.01

Macro	Tipo	Angolo 1-Z (gradi)
3	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	1	-38.36	-139.17	433.60	-0.91	375.97	2.16	-9.22
3	1	-36.73	-221.12	794.99	-0.92	803.88	-2.17	-17.65
3	1	-35.37	-288.96	1100.82	-0.90	1197.18	-10.55	-28.39
3	1	-34.01	-358.76	1413.02	-1.46	1615.10	-21.90	-45.11
3	1	-32.65	-430.77	1729.56	-3.44	2052.99	-34.58	-68.40
3	1	-31.30	-504.21	2045.65	-8.88	2539.39	-45.45	-96.45
3	1	-30.00	-575.41	2337.63	-18.14	3079.20	-57.36	-121.65
3	1	-29.94	-579.01	2352.73	-18.71	3112.73	-57.88	-122.66
3	1	-29.18	-606.56	2514.54	-26.66	3050.31	-64.73	-134.43
3	1	-28.58	-635.31	2642.04	-34.92	3258.91	-70.45	-141.89
3	1	-28.36	-642.29	2683.27	-38.43	3256.21	-73.17	-143.21
3	1	-27.68	-670.32	2810.63	-48.86	3406.55	-87.50	-144.70
3	1	-27.22	-688.64	2891.60	-56.07	3527.46	-102.62	-143.42
3	1	-27.01	-696.38	2927.14	-58.58	3597.56	-110.23	-142.54
3	1	-26.33	-720.89	3033.01	-68.13	3878.94	-139.16	-134.92
3	1	-25.86	-736.87	3100.39	-75.90	4119.77	-163.29	-127.37
3	1	-25.65	-743.73	3128.46	-78.95	4245.03	-173.73	-124.29
3	1	-24.97	-766.62	3210.61	-88.84	4677.23	-221.08	-105.87
3	1	-24.51	-781.87	3262.06	-93.79	5020.23	-261.30	-91.28
3	1	-24.29	-788.25	3283.70	-95.68	5220.13	-278.82	-86.35
3	1	-23.61	-809.71	3349.24	-101.04	5855.22	-348.75	-63.61
3	1	-23.15	-824.23	3392.32	-101.99	6328.61	-400.02	-47.32
3	1	-22.93	-831.21	3410.21	-105.13	6555.22	-424.27	-41.77
3	1	-22.25	-852.12	3466.45	-110.08	7371.70	-505.49	-23.68
3	1	-21.79	-865.20	3504.18	-110.70	8041.34	-559.14	-9.37
3	1	-21.57	-872.25	3520.21	-116.29	8308.69	-585.53	-4.30
3	1	-20.43	-905.68	3610.22	-117.32	1.010e+04	-734.47	17.51
3	1	-20.22	-909.23	3628.28	-105.13	1.064e+04	-765.91	29.64
3	1	-20.00	-914.60	3646.75	-107.06	1.103e+04	-788.45	49.20
3	1	-19.07	-929.51	3718.25	-106.91	1.150e+04	-898.59	37.29
3	1	-17.72	-961.10	3775.35	-103.22	1.363e+04	-1071.25	36.53
3	1	-16.36	-996.23	3837.23	-94.04	1.571e+04	-1229.47	9.86
3	1	-15.00	-1025.91	3893.11	-95.94	1.854e+04	-1369.52	1.56
3	1	-8.00	-1160.98	3989.86	-94.46	8915.68	-2039.45	11.93
3	1	0.0	-214.05	3596.98	-228.84	-6059.39	299.40	6.98
3	2	-38.36	-307.51	942.69	-0.36	838.48	-1.49	12.55
3	2	-36.73	-484.35	1705.54	0.38	1851.96	-3.69	23.92
3	2	-35.37	-628.08	2327.25	1.80	2864.51	-4.45	31.55
3	2	-34.01	-772.30	2933.71	3.88	4083.93	-3.11	37.39
3	2	-32.65	-917.69	3520.45	6.56	5546.99	1.67	41.40



3	2	-31.30	-1063.41	4087.80	9.75	7324.04	10.48	44.17
3	2	-30.00	-1203.47	4610.82	13.24	9336.58	23.58	45.83
3	2	-29.94	-1210.51	4638.69	13.45	9446.28	24.37	45.91
3	2	-29.18	-1262.84	4934.24	15.28	9820.04	34.17	46.21
3	2	-28.58	-1321.50	5174.98	17.15	1.064e+04	43.38	46.23
3	2	-28.36	-1334.59	5254.73	17.59	1.075e+04	46.47	46.47
3	2	-27.68	-1393.03	5510.21	19.65	1.147e+04	58.86	45.20
3	2	-27.22	-1432.27	5680.66	21.07	1.195e+04	68.66	44.66
3	2	-27.01	-1449.62	5757.98	21.49	1.218e+04	72.87	44.93
3	2	-26.33	-1505.78	5998.97	23.57	1.295e+04	88.34	43.52
3	2	-25.86	-1543.53	6161.43	25.13	1.349e+04	99.43	42.90
3	2	-25.65	-1561.19	6234.26	25.97	1.375e+04	104.49	43.08
3	2	-24.97	-1617.15	6461.11	28.52	1.459e+04	123.40	41.82
3	2	-24.51	-1655.21	6613.54	29.82	1.519e+04	137.31	41.05
3	2	-24.29	-1672.69	6682.79	30.54	1.550e+04	143.54	41.28
3	2	-23.61	-1727.84	6899.35	32.84	1.650e+04	165.35	40.91
3	2	-23.15	-1765.50	7045.46	34.29	1.721e+04	180.66	40.29
3	2	-22.93	-1783.68	7110.11	35.42	1.752e+04	188.14	40.43
3	2	-22.25	-1838.41	7311.86	37.64	1.871e+04	213.90	40.77
3	2	-21.79	-1873.12	7447.46	38.37	1.973e+04	232.03	40.26
3	2	-21.57	-1893.06	7509.41	40.55	1.998e+04	239.14	40.50
3	2	-20.43	-1980.48	7828.00	39.97	2.269e+04	285.34	39.16
3	2	-20.22	-1997.43	7901.47	46.74	2.324e+04	296.05	46.63
3	2	-20.00	-2013.58	7972.08	46.17	2.377e+04	303.52	34.51
3	2	-19.07	-2078.06	8197.74	53.79	2.367e+04	352.78	33.27
3	2	-17.72	-2150.31	8437.15	56.90	2.754e+04	423.22	31.10
3	2	-16.36	-2241.06	8649.50	65.38	3.022e+04	496.61	14.82
3	2	-15.00	-2286.14	8836.33	66.94	3.745e+04	580.60	8.30
3	2	-8.00	-2529.90	9141.81	63.61	1.535e+04	1024.22	15.33
3	2	0.0	-526.59	8351.14	103.94	-1.445e+04	-143.00	9.42
3	3	-38.36	-70.51	218.88	-0.30	197.71	0.53	-1.78
3	3	-36.73	-110.55	397.51	-0.25	429.45	-0.92	-3.41
3	3	-35.37	-143.32	546.32	-0.13	651.73	-3.45	-6.00
3	3	-34.01	-176.74	695.74	-0.14	901.00	-6.71	-10.50
3	3	-32.65	-210.93	844.77	-0.53	1178.74	-10.11	-17.08
3	3	-31.30	-245.61	992.00	-1.90	1498.65	-12.66	-25.15
3	3	-30.00	-279.14	1128.03	-4.37	1854.09	-15.19	-32.47
3	3	-29.94	-280.89	1135.17	-4.53	1876.79	-15.29	-32.76
3	3	-29.18	-293.20	1211.10	-6.75	1885.10	-16.57	-36.21
3	3	-28.58	-306.65	1271.96	-9.05	2016.93	-17.57	-38.41
3	3	-28.36	-309.71	1291.75	-10.06	2023.68	-18.14	-38.77
3	3	-27.68	-322.79	1353.97	-12.99	2125.79	-21.44	-39.29
3	3	-27.22	-331.42	1394.48	-15.02	2199.83	-25.18	-38.94
3	3	-27.01	-335.15	1412.43	-15.73	2239.29	-27.11	-38.65
3	3	-26.33	-347.05	1467.11	-18.40	2383.64	-34.51	-36.48
3	3	-25.86	-354.92	1502.98	-20.58	2498.34	-40.81	-34.28
3	3	-25.65	-358.44	1518.37	-21.42	2556.19	-43.52	-33.34
3	3	-24.97	-369.93	1564.95	-24.15	2749.73	-56.11	-27.96
3	3	-24.51	-377.67	1595.36	-25.52	2896.96	-66.97	-23.68
3	3	-24.29	-381.05	1608.59	-26.02	2980.21	-71.69	-22.20
3	3	-23.61	-392.16	1649.53	-27.43	3241.90	-90.75	-15.46
3	3	-23.15	-399.78	1677.05	-27.60	3430.53	-104.77	-10.67
3	3	-22.93	-403.37	1688.84	-28.44	3523.05	-111.38	-9.01
3	3	-22.25	-414.35	1726.02	-29.74	3849.45	-133.48	-3.60
3	3	-21.79	-421.44	1751.25	-29.86	4111.88	-147.98	0.62
3	3	-21.57	-425.06	1762.36	-31.35	4219.88	-155.27	2.15
3	3	-20.43	-443.07	1822.57	-31.70	4918.34	-195.87	8.54
3	3	-20.22	-445.33	1835.50	-27.53	5138.13	-204.37	12.76
3	3	-20.00	-448.20	1848.25	-28.15	5298.94	-210.47	17.60
3	3	-19.07	-454.37	1894.75	-27.49	5314.69	-239.29	13.97
3	3	-17.72	-470.44	1941.99	-26.13	6146.41	-285.07	13.59
3	3	-16.36	-488.83	1989.46	-22.68	6875.28	-326.31	4.27
3	3	-15.00	-499.58	2034.33	-23.10	8392.34	-361.24	1.25
3	3	-8.00	-554.57	2094.61	-22.96	3525.96	-524.59	4.94
3	3	0.0	-101.51	1903.53	-59.70	-3330.31	77.69	2.96
3	4	-38.36	-120.39	369.72	-0.13	334.75	-0.55	4.67
3	4	-36.73	-188.54	667.30	0.14	739.99	-1.37	8.91
3	4	-35.37	-243.79	909.71	0.67	1145.76	-1.65	11.76
3	4	-34.01	-299.27	1146.31	1.44	1632.51	-1.15	13.95
3	4	-32.65	-355.21	1375.41	2.44	2214.00	0.63	15.46
3	4	-31.30	-411.30	1597.08	3.62	2916.32	3.91	16.51
3	4	-30.00	-465.23	1801.57	4.92	3708.13	8.79	17.15
3	4	-29.94	-468.00	1812.49	5.00	3753.40	9.08	17.18
3	4	-29.18	-487.65	1928.05	5.68	3890.95	12.73	17.31
3	4	-28.58	-509.97	2022.46	6.38	4203.75	16.16	17.34
3	4	-28.36	-514.84	2053.66	6.54	4245.53	17.31	17.43
3	4	-27.68	-536.92	2153.84	7.31	4515.48	21.92	16.98



3	4	-27.22	-551.75	2220.86	7.84	4695.31	25.57	16.79
3	4	-27.01	-558.33	2251.19	8.00	4782.77	27.14	16.90
3	4	-26.33	-579.61	2345.91	8.77	5070.08	32.90	16.39
3	4	-25.86	-593.93	2409.95	9.35	5275.31	37.03	16.17
3	4	-25.65	-600.65	2438.61	9.67	5373.52	38.91	16.25
3	4	-24.97	-621.94	2528.06	10.62	5687.77	45.95	15.80
3	4	-24.51	-636.44	2588.40	11.10	5910.58	51.14	15.53
3	4	-24.29	-643.11	2615.72	11.38	6025.78	53.46	15.62
3	4	-23.61	-664.20	2701.42	12.24	6395.17	61.58	15.50
3	4	-23.15	-678.67	2759.46	12.78	6655.00	67.28	15.29
3	4	-22.93	-685.59	2785.10	13.20	6771.88	70.07	15.35
3	4	-22.25	-706.58	2865.40	14.03	7207.92	79.68	15.50
3	4	-21.79	-720.08	2919.63	14.31	7575.93	86.44	15.33
3	4	-21.57	-727.52	2944.34	15.12	7676.82	89.08	15.42
3	4	-20.43	-761.53	3072.28	14.90	8648.15	106.29	14.96
3	4	-20.22	-767.76	3101.63	17.47	8871.04	110.29	17.79
3	4	-20.00	-773.82	3129.83	17.25	9075.02	113.07	13.25
3	4	-19.07	-794.68	3222.01	20.13	8918.83	131.48	12.78
3	4	-17.72	-822.80	3323.27	21.31	1.027e+04	157.73	11.98
3	4	-16.36	-857.67	3415.32	24.55	1.118e+04	185.12	5.74
3	4	-15.00	-872.98	3498.99	25.16	1.400e+04	216.57	3.25
3	4	-8.00	-960.18	3621.12	23.87	5433.65	383.16	5.95
3	4	0.0	-194.12	3312.18	38.90	-5817.24	-53.40	3.68

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2529.90	218.88	-228.84	-1.445e+04	-2039.45	-144.70
	-70.51	9141.81	103.94	3.745e+04	1024.22	49.20

Macro	Tipo	Angolo 1-Z (gradi)
4	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
4	1	-38.36	-132.87	413.46	0.82	361.10	-2.03	9.17
4	1	-36.73	-210.66	757.14	0.85	773.63	1.98	17.62
4	1	-35.37	-274.96	1047.46	0.89	1154.80	9.68	28.11
4	1	-34.01	-340.98	1342.89	1.56	1563.86	19.92	43.97
4	1	-32.65	-408.94	1640.95	3.67	1999.08	31.32	65.46
4	1	-31.30	-478.06	1937.08	9.03	2490.78	41.23	90.72
4	1	-30.00	-544.96	2209.68	17.87	3040.75	52.89	112.80
4	1	-29.94	-548.36	2223.80	18.41	3074.80	53.43	113.68
4	1	-29.18	-573.97	2374.91	25.75	3035.04	60.84	123.74
4	1	-28.58	-600.97	2494.47	33.26	3246.83	67.36	130.13
4	1	-28.36	-607.44	2533.22	36.42	3248.80	70.34	131.22
4	1	-27.68	-633.75	2653.57	45.83	3405.06	84.96	132.32
4	1	-27.22	-651.01	2730.63	52.36	3525.82	99.83	131.07
4	1	-27.01	-658.32	2764.60	54.60	3593.79	107.15	130.34
4	1	-26.33	-681.61	2866.41	63.29	3860.78	134.80	123.38
4	1	-25.86	-696.88	2931.79	70.40	4084.75	157.53	116.55
4	1	-25.65	-703.49	2959.25	73.22	4200.10	167.34	113.87
4	1	-24.97	-725.50	3040.34	82.42	4595.09	211.56	97.28
4	1	-24.51	-740.18	3091.71	87.05	4906.77	248.76	84.20
4	1	-24.29	-746.41	3113.48	88.86	5086.96	265.04	79.79
4	1	-23.61	-767.10	3179.81	94.05	5663.37	329.46	59.47
4	1	-23.15	-781.12	3223.56	95.27	6092.34	376.63	44.82
4	1	-22.93	-787.84	3241.77	98.12	6297.07	398.97	39.81
4	1	-22.25	-807.99	3298.74	102.67	7039.93	474.15	23.24
4	1	-21.79	-820.58	3336.84	103.32	7654.49	524.08	9.91
4	1	-21.57	-827.38	3353.08	109.17	7895.47	548.55	5.13
4	1	-20.43	-859.51	3443.38	110.08	9537.52	688.12	-15.66
4	1	-20.22	-862.96	3461.73	99.13	1.004e+04	717.78	-26.93
4	1	-20.00	-868.28	3480.47	100.97	1.039e+04	738.74	-46.48
4	1	-19.07	-882.44	3551.32	101.32	1.076e+04	843.08	-35.09
4	1	-17.72	-912.53	3610.60	97.85	1.271e+04	1006.97	-35.23
4	1	-16.36	-946.02	3674.25	89.22	1.460e+04	1157.03	-10.55
4	1	-15.00	-972.50	3733.65	90.96	1.735e+04	1289.71	-2.86
4	1	-8.00	-1096.13	3828.90	89.54	8181.47	1924.27	-12.58
4	1	0.0	-200.12	3453.87	211.75	-5945.24	-286.98	-7.92
4	2	-38.36	-307.51	942.69	0.36	838.48	1.49	-12.55
4	2	-36.73	-484.35	1705.54	-0.38	1851.96	3.69	-23.92



4	2	-35.37	-628.08	2327.25	-1.80	2864.51	4.45	-31.55
4	2	-34.01	-772.30	2933.71	-3.88	4083.93	3.11	-37.39
4	2	-32.65	-917.69	3520.45	-6.56	5546.99	-1.67	-41.39
4	2	-31.30	-1063.41	4087.81	-9.75	7324.04	-10.48	-44.17
4	2	-30.00	-1203.47	4610.82	-13.24	9336.58	-23.58	-45.83
4	2	-29.94	-1210.51	4638.69	-13.45	9446.28	-24.37	-45.91
4	2	-29.18	-1262.84	4934.24	-15.28	9820.04	-34.17	-46.21
4	2	-28.58	-1321.50	5174.98	-17.15	1.064e+04	-43.38	-46.23
4	2	-28.36	-1334.60	5254.73	-17.59	1.075e+04	-46.47	-46.47
4	2	-27.68	-1393.03	5510.21	-19.65	1.147e+04	-58.86	-45.20
4	2	-27.22	-1432.27	5680.66	-21.07	1.195e+04	-68.66	-44.66
4	2	-27.01	-1449.62	5757.98	-21.49	1.218e+04	-72.87	-44.93
4	2	-26.33	-1505.78	5998.97	-23.57	1.295e+04	-88.34	-43.52
4	2	-25.86	-1543.53	6161.43	-25.13	1.349e+04	-99.43	-42.90
4	2	-25.65	-1561.19	6234.27	-25.97	1.375e+04	-104.49	-43.08
4	2	-24.97	-1617.15	6461.11	-28.52	1.459e+04	-123.40	-41.82
4	2	-24.51	-1655.21	6613.55	-29.82	1.519e+04	-137.31	-41.05
4	2	-24.29	-1672.69	6682.79	-30.54	1.550e+04	-143.54	-41.28
4	2	-23.61	-1727.84	6899.35	-32.84	1.650e+04	-165.34	-40.91
4	2	-23.15	-1765.50	7045.46	-34.29	1.721e+04	-180.66	-40.29
4	2	-22.93	-1783.68	7110.11	-35.42	1.752e+04	-188.14	-40.43
4	2	-22.25	-1838.41	7311.86	-37.64	1.871e+04	-213.90	-40.77
4	2	-21.79	-1873.12	7447.46	-38.37	1.973e+04	-232.03	-40.26
4	2	-21.57	-1893.06	7509.41	-40.55	1.998e+04	-239.14	-40.50
4	2	-20.43	-1980.48	7828.00	-39.97	2.269e+04	-285.34	-39.16
4	2	-20.22	-1997.43	7901.48	-46.74	2.324e+04	-296.05	-46.63
4	2	-20.00	-2013.58	7972.08	-46.17	2.377e+04	-303.52	-34.51
4	2	-19.07	-2078.06	8197.74	-53.79	2.367e+04	-352.78	-33.27
4	2	-17.72	-2150.31	8437.15	-56.90	2.754e+04	-423.22	-31.10
4	2	-16.36	-2241.06	8649.50	-65.38	3.022e+04	-496.61	-14.82
4	2	-15.00	-2286.15	8836.33	-66.94	3.745e+04	-580.59	-8.30
4	2	-8.00	-2529.90	9141.81	-63.61	1.535e+04	-1024.22	-15.33
4	2	0.0	-526.59	8351.14	-103.94	-1.445e+04	143.00	-9.42
4	3	-38.36	-68.64	212.91	0.27	193.31	-0.49	1.76
4	3	-36.73	-107.45	386.29	0.22	420.48	0.86	3.40
4	3	-35.37	-139.17	530.52	0.13	639.18	3.20	5.92
4	3	-34.01	-171.47	674.96	0.17	885.82	6.13	10.16
4	3	-32.65	-204.47	818.52	0.59	1162.77	9.14	16.21
4	3	-31.30	-237.86	959.83	1.94	1484.25	11.41	23.46
4	3	-30.00	-270.11	1090.12	4.30	1842.70	13.87	29.85
4	3	-29.94	-271.81	1096.97	4.44	1865.56	13.97	30.10
4	3	-29.18	-283.54	1169.73	6.47	1880.58	15.42	33.04
4	3	-28.58	-296.48	1228.24	8.56	2013.35	16.65	34.92
4	3	-28.36	-299.38	1247.29	9.46	2021.49	17.30	35.22
4	3	-27.68	-311.95	1307.43	12.09	2125.35	20.69	35.62
4	3	-27.22	-320.27	1346.78	13.92	2199.35	24.35	35.28
4	3	-27.01	-323.87	1364.27	14.55	2238.17	26.20	35.04
4	3	-26.33	-335.41	1417.75	16.96	2378.26	33.22	33.06
4	3	-25.86	-343.07	1453.02	18.95	2487.96	39.11	31.07
4	3	-25.65	-346.52	1468.23	19.72	2542.88	41.63	30.26
4	3	-24.97	-357.75	1514.50	22.25	2725.39	53.29	25.41
4	3	-24.51	-365.32	1544.89	23.52	2863.34	63.25	21.59
4	3	-24.29	-368.66	1558.15	24.00	2940.76	67.60	20.25
4	3	-23.61	-379.54	1599.33	25.36	3185.06	85.03	14.24
4	3	-23.15	-387.00	1627.04	25.61	3360.53	97.84	9.93
4	3	-22.93	-390.52	1638.93	26.37	3446.56	103.89	8.43
4	3	-22.25	-401.27	1676.33	27.54	3751.15	124.19	3.47
4	3	-21.79	-408.22	1701.67	27.67	3997.26	137.60	-0.46
4	3	-21.57	-411.76	1712.84	29.24	4097.44	144.31	-1.91
4	3	-20.43	-429.39	1773.13	29.55	4752.22	182.14	-7.99
4	3	-20.22	-431.62	1786.15	25.75	4960.38	190.10	-11.96
4	3	-20.00	-434.47	1798.98	26.35	5109.15	195.75	-16.80
4	3	-19.07	-440.42	1845.29	25.83	5095.46	222.84	-13.32
4	3	-17.72	-456.05	1893.18	24.54	5874.17	266.03	-13.20
4	3	-16.36	-473.95	1941.17	21.26	6546.59	304.85	-4.48
4	3	-15.00	-483.75	1987.09	21.62	8041.94	337.60	-1.64
4	3	-8.00	-535.36	2046.92	21.50	3308.41	490.46	-5.13
4	3	0.0	-97.39	1861.13	54.63	-3296.49	-74.01	-3.24
4	4	-38.36	-120.39	369.72	0.13	334.75	0.55	-4.67
4	4	-36.73	-188.54	667.30	-0.14	739.99	1.37	-8.91
4	4	-35.37	-243.79	909.71	-0.67	1145.76	1.65	-11.76
4	4	-34.01	-299.27	1146.31	-1.44	1632.51	1.15	-13.95
4	4	-32.65	-355.21	1375.41	-2.44	2214.00	-0.63	-15.46
4	4	-31.30	-411.30	1597.08	-3.62	2916.32	-3.91	-16.51
4	4	-30.00	-465.23	1801.57	-4.92	3708.13	-8.79	-17.15
4	4	-29.94	-468.00	1812.49	-5.00	3753.40	-9.08	-17.18
4	4	-29.18	-487.65	1928.05	-5.68	3890.95	-12.73	-17.31



4	4	-28.58	-509.97	2022.46	-6.38	4203.75	-16.16	-17.34
4	4	-28.36	-514.84	2053.66	-6.54	4245.53	-17.31	-17.43
4	4	-27.68	-536.92	2153.84	-7.31	4515.48	-21.92	-16.98
4	4	-27.22	-551.75	2220.86	-7.84	4695.31	-25.57	-16.79
4	4	-27.01	-558.33	2251.19	-8.00	4782.77	-27.14	-16.89
4	4	-26.33	-579.61	2345.91	-8.77	5070.08	-32.90	-16.39
4	4	-25.86	-593.93	2409.95	-9.35	5275.31	-37.03	-16.17
4	4	-25.65	-600.65	2438.61	-9.67	5373.52	-38.91	-16.25
4	4	-24.97	-621.94	2528.06	-10.62	5687.77	-45.95	-15.80
4	4	-24.51	-636.44	2588.40	-11.10	5910.58	-51.14	-15.53
4	4	-24.29	-643.11	2615.72	-11.38	6025.78	-53.46	-15.62
4	4	-23.61	-664.20	2701.42	-12.24	6395.17	-61.58	-15.50
4	4	-23.15	-678.67	2759.46	-12.78	6655.00	-67.28	-15.29
4	4	-22.93	-685.59	2785.10	-13.20	6771.88	-70.07	-15.35
4	4	-22.25	-706.58	2865.40	-14.03	7207.92	-79.68	-15.50
4	4	-21.79	-720.08	2919.63	-14.31	7575.93	-86.44	-15.33
4	4	-21.57	-727.52	2944.34	-15.12	7676.82	-89.08	-15.42
4	4	-20.43	-761.53	3072.28	-14.90	8648.15	-106.29	-14.96
4	4	-20.22	-767.76	3101.63	-17.47	8871.04	-110.29	-17.79
4	4	-20.00	-773.82	3129.83	-17.25	9075.02	-113.07	-13.25
4	4	-19.07	-794.68	3222.01	-20.12	8918.83	-131.48	-12.78
4	4	-17.72	-822.80	3323.27	-21.31	1.027e+04	-157.73	-11.98
4	4	-16.36	-857.67	3415.32	-24.55	1.118e+04	-185.12	-5.74
4	4	-15.00	-872.98	3498.99	-25.16	1.400e+04	-216.57	-3.25
4	4	-8.00	-960.18	3621.12	-23.87	5433.64	-383.16	-5.95
4	4	0.0	-194.12	3312.18	-38.90	-5817.25	53.40	-3.68
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-2529.90	212.91	-103.94	-1.445e+04	-1024.22	-46.63
			-68.64	9141.81	211.75	3.745e+04	1924.27	132.32

Macro	Tipo	Angolo 1-Z (gradi)
5	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	1	-38.36	-23.82	74.81	-0.16	83.76	-0.33	0.28
5	1	-36.73	-34.44	131.96	0.13	182.05	-2.52	-0.24
5	1	-35.37	-42.72	177.89	0.52	279.95	-4.87	-2.62
5	1	-34.01	-51.05	222.30	0.72	392.64	-6.55	-6.97
5	1	-32.65	-59.41	265.08	0.51	522.38	-7.26	-12.67
5	1	-31.30	-67.82	306.41	-0.46	669.89	-6.95	-18.83
5	1	-30.00	-75.91	344.81	-2.15	827.25	-6.94	-23.87
5	1	-29.94	-76.48	346.95	-2.24	841.16	-6.94	-24.06
5	1	-29.18	-77.98	368.86	-3.63	834.69	-7.35	-26.41
5	1	-28.58	-80.68	387.60	-4.95	869.10	-7.80	-28.03
5	1	-28.36	-80.96	393.63	-5.55	865.93	-8.23	-28.29
5	1	-27.68	-83.33	413.71	-7.12	884.19	-10.02	-29.22
5	1	-27.22	-84.94	427.68	-8.27	894.93	-12.14	-29.33
5	1	-27.01	-85.72	433.86	-8.62	900.16	-13.16	-29.37
5	1	-26.33	-88.22	453.74	-10.08	914.34	-17.11	-28.50
5	1	-25.86	-89.96	467.71	-11.28	922.65	-20.47	-27.45
5	1	-25.65	-90.85	473.91	-11.74	926.43	-21.86	-27.04
5	1	-24.97	-93.60	493.92	-13.30	934.75	-28.49	-24.23
5	1	-24.51	-95.55	508.02	-14.07	936.83	-34.15	-22.02
5	1	-24.29	-96.49	514.28	-14.35	939.04	-36.68	-21.16
5	1	-23.61	-99.54	534.41	-15.17	934.54	-46.62	-17.53
5	1	-23.15	-101.82	548.55	-15.42	919.49	-53.91	-14.94
5	1	-22.93	-102.71	554.79	-15.66	924.88	-57.30	-13.94
5	1	-22.25	-105.92	574.84	-15.97	912.13	-68.76	-10.52
5	1	-21.79	-108.50	588.92	-15.98	877.84	-76.37	-7.78
5	1	-21.57	-109.08	595.26	-17.56	902.64	-80.75	-6.60
5	1	-20.43	-115.49	629.18	-17.91	816.51	-104.88	-2.33
5	1	-20.22	-115.99	636.96	-12.60	851.35	-110.02	3.50
5	1	-20.00	-116.44	644.25	-13.35	878.28	-113.28	5.41
5	1	-19.07	-109.45	671.46	-10.55	539.54	-126.58	0.40
5	1	-17.72	-114.84	707.87	-7.04	390.88	-155.30	-1.42
5	1	-16.36	-119.64	742.02	2.07	278.44	-175.86	-24.62
5	1	-15.00	-120.30	776.66	2.62	527.68	-182.55	-34.27
5	1	-8.00	-119.41	786.88	1.04	-956.72	-176.68	-26.08



*Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa*

5	1	0.0	-35.30	702.69	-9.61	-1413.98	20.64	-29.04
5	2	-38.36	-137.77	422.29	-1.10	397.47	-8.71	51.90
5	2	-36.73	-214.12	772.14	2.80	837.62	-23.23	95.00
5	2	-35.37	-276.61	1062.16	9.63	1238.74	-30.95	118.12
5	2	-34.01	-339.63	1346.54	18.56	1688.52	-27.10	129.41
5	2	-32.65	-403.16	1621.23	28.96	2205.99	-6.47	131.08
5	2	-31.30	-466.74	1885.03	40.22	2823.78	32.10	127.33
5	2	-30.00	-527.60	2126.12	51.70	3524.14	86.75	120.93
5	2	-29.94	-530.68	2138.96	52.43	3563.55	89.95	120.65
5	2	-29.18	-551.38	2275.31	57.97	3546.61	128.95	114.70
5	2	-28.58	-576.01	2386.12	63.69	3777.23	165.60	109.08
5	2	-28.36	-581.30	2422.64	64.76	3780.36	177.46	108.39
5	2	-27.68	-605.63	2539.25	71.17	3945.74	225.01	97.58
5	2	-27.22	-621.99	2616.60	75.29	4053.00	261.48	92.33
5	2	-27.01	-629.23	2651.53	76.73	4105.68	277.37	91.53
5	2	-26.33	-652.65	2759.77	83.22	4282.38	334.70	82.54
5	2	-25.86	-668.39	2832.31	87.98	4410.82	375.27	78.41
5	2	-25.65	-675.74	2864.74	90.71	4473.28	394.01	77.81
5	2	-24.97	-698.96	2965.31	98.70	4673.70	461.95	71.49
5	2	-24.51	-714.73	3032.64	102.87	4817.96	511.29	68.09
5	2	-24.29	-721.95	3063.03	105.28	4897.26	533.46	68.24
5	2	-23.61	-744.82	3157.72	113.00	5149.59	609.65	66.25
5	2	-23.15	-760.52	3221.45	118.03	5326.41	662.92	64.21
5	2	-22.93	-767.90	3249.61	122.30	5410.59	688.96	64.47
5	2	-22.25	-790.54	3337.31	130.81	5729.10	778.57	65.32
5	2	-21.79	-805.31	3396.17	133.41	6005.17	842.28	64.00
5	2	-21.57	-813.05	3422.98	139.08	6082.69	866.20	65.24
5	2	-20.43	-850.04	3560.85	138.76	6831.88	1023.59	61.30
5	2	-20.22	-856.96	3592.77	166.29	7004.19	1058.27	91.70
5	2	-20.00	-863.26	3623.40	164.56	7186.02	1086.43	52.37
5	2	-19.07	-880.89	3725.44	195.42	6687.42	1263.81	39.79
5	2	-17.72	-912.41	3827.66	210.82	7933.49	1511.68	29.55
5	2	-16.36	-952.15	3928.36	250.29	8612.27	1788.82	-54.04
5	2	-15.00	-972.69	4007.10	252.24	1.117e+04	2113.94	-86.13
5	2	-8.00	-1055.39	4021.46	244.98	1515.93	3797.36	-52.26
5	2	0.0	-275.87	3489.32	134.38	-7221.61	-698.17	-71.20
5	3	-38.36	-21.09	66.64	-0.13	69.70	-0.76	3.99
5	3	-36.73	-31.31	119.53	0.25	148.88	-2.50	7.07
5	3	-35.37	-39.46	162.76	0.88	224.93	-3.77	8.10
5	3	-34.01	-47.71	204.95	1.62	310.86	-3.98	7.65
5	3	-32.65	-56.02	245.71	2.34	409.26	-2.64	6.07
5	3	-31.30	-64.36	284.97	2.91	523.07	0.37	3.94
5	3	-30.00	-72.37	321.08	3.29	647.59	4.51	1.93
5	3	-29.94	-72.89	323.05	3.31	658.47	4.75	1.85
5	3	-29.18	-74.84	343.43	3.32	650.89	7.58	0.68
5	3	-28.58	-77.66	360.50	3.37	680.61	10.22	-0.24
5	3	-28.36	-78.08	366.00	3.28	677.90	11.00	-0.38
5	3	-27.68	-80.66	383.98	3.30	695.33	14.07	-1.49
5	3	-27.22	-82.39	396.26	3.27	706.68	16.21	-1.94
5	3	-27.01	-83.19	401.67	3.28	712.53	17.12	-2.01
5	3	-26.33	-85.78	418.82	3.34	731.36	20.30	-2.46
5	3	-25.86	-87.54	430.66	3.35	744.76	22.39	-2.48
5	3	-25.65	-88.41	435.85	3.42	751.34	23.41	-2.41
5	3	-24.97	-91.12	452.37	3.57	770.98	26.61	-2.08
5	3	-24.51	-93.00	463.80	3.66	783.60	28.69	-1.70
5	3	-24.29	-93.88	468.83	3.76	791.51	29.62	-1.45
5	3	-23.61	-96.74	484.88	4.11	809.75	32.47	-0.54
5	3	-23.15	-98.81	496.03	4.42	815.59	34.37	0.05
5	3	-22.93	-99.67	500.87	4.68	827.08	35.35	0.36
5	3	-22.25	-102.59	516.33	5.24	847.59	38.78	1.41
5	3	-21.79	-104.79	527.08	5.44	849.14	41.39	2.11
5	3	-21.57	-105.44	531.86	5.39	875.89	41.89	2.55
5	3	-20.43	-110.93	557.42	5.26	886.54	46.66	3.45
5	3	-20.22	-111.33	563.23	9.04	934.49	47.76	7.55
5	3	-20.00	-111.81	568.73	8.68	968.09	48.95	5.07
5	3	-19.07	-107.38	588.80	11.94	746.12	58.54	2.46
5	3	-17.72	-111.83	613.06	14.31	757.64	68.33	0.88
5	3	-16.36	-116.60	636.83	20.48	744.85	82.77	-13.54
5	3	-15.00	-118.06	659.29	21.01	1036.45	105.70	-19.26
5	3	-8.00	-123.51	664.69	19.68	-341.33	241.49	-13.83
5	3	0.0	-26.57	585.37	8.27	-1223.22	-44.22	-16.27
5	4	-38.36	-54.86	169.60	-0.41	162.64	-3.24	19.28
5	4	-36.73	-84.55	309.21	1.05	343.12	-8.64	35.29
5	4	-35.37	-108.76	424.76	3.58	509.02	-11.50	43.87
5	4	-34.01	-133.21	538.06	6.91	694.83	-10.07	48.06
5	4	-32.65	-157.87	647.53	10.77	908.11	-2.40	48.67
5	4	-31.30	-182.56	752.71	14.97	1161.26	11.94	47.25



5	4	-30.00	-206.21	848.88	19.24	1446.67	32.27	44.84
5	4	-29.94	-207.47	854.02	19.51	1465.11	33.46	44.73
5	4	-29.18	-215.11	908.30	21.58	1454.43	47.96	42.49
5	4	-28.58	-224.43	952.66	23.71	1542.28	61.60	40.39
5	4	-28.36	-226.33	967.19	24.11	1541.44	66.02	40.12
5	4	-27.68	-235.41	1013.77	26.49	1602.46	83.71	36.08
5	4	-27.22	-241.52	1044.83	28.03	1642.41	97.29	34.11
5	4	-27.01	-244.24	1058.76	28.57	1662.32	103.20	33.81
5	4	-26.33	-253.02	1102.09	30.99	1729.29	124.54	30.44
5	4	-25.86	-258.93	1131.28	32.76	1778.29	139.65	28.88
5	4	-25.65	-261.71	1144.25	33.78	1802.26	146.63	28.65
5	4	-24.97	-270.49	1184.63	36.75	1878.82	171.93	26.27
5	4	-24.51	-276.46	1211.84	38.31	1933.56	190.30	24.99
5	4	-24.29	-279.20	1224.02	39.20	1964.31	198.55	25.04
5	4	-23.61	-287.93	1262.16	42.09	2058.66	226.92	24.28
5	4	-23.15	-293.98	1288.00	43.96	2121.35	246.76	23.51
5	4	-22.93	-296.76	1299.34	45.55	2156.18	256.46	23.60
5	4	-22.25	-305.44	1334.84	48.73	2274.84	289.84	23.89
5	4	-21.79	-311.26	1358.86	49.70	2368.35	313.58	23.37
5	4	-21.57	-314.02	1369.70	51.80	2410.71	322.47	23.83
5	4	-20.43	-328.57	1426.06	51.68	2668.87	381.02	22.30
5	4	-20.22	-330.88	1439.03	62.05	2757.55	393.92	33.68
5	4	-20.00	-333.09	1451.44	61.39	2837.05	404.42	18.98
5	4	-19.07	-335.95	1493.68	72.97	2567.71	470.50	14.13
5	4	-17.72	-348.14	1537.45	78.87	2992.49	562.25	10.05
5	4	-16.36	-363.27	1580.93	94.02	3214.13	664.90	-22.26
5	4	-15.00	-370.62	1616.46	94.97	4191.03	786.14	-34.62
5	4	-8.00	-400.84	1623.08	91.96	391.31	1418.98	-21.59
5	4	0.0	-97.85	1411.04	50.94	-2944.00	-257.20	-28.76
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-1055.39	66.64	-17.91	-7221.61	-698.17	-86.13
			-21.09	4021.46	252.24	1.117e+04	3797.36	131.08

Macro	Tipo	Angolo 1-Z (gradi)
7	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	1	-19.00	12.89	0.0	0.0	-6.48e-04	0.0	0.53
7	1	-15.00	12.89	1.82e-06	0.0	6.99e-04	0.0	0.70
7	1	-8.00	-26.89	0.99	19.50	39.95	-59.37	1.18
7	1	0.0	-123.77	1.01	9.40	119.66	76.72	0.80
7	1	8.00	-25.79	0.0	0.0	-2.34e-03	0.0	0.54
7	2	-19.00	12.89	0.0	0.0	-2.81e-05	0.0	-1.28e-03
7	2	-15.00	12.89	-4.04e-06	0.0	4.21e-04	0.0	-1.82e-03
7	2	-8.00	-272.49	-1.81e-03	292.88	-0.57	1860.10	6.84e-04
7	2	0.0	-666.90	-4.43e-04	263.57	-0.08	4155.77	2.18e-04
7	2	8.00	-25.79	-1.07e-06	0.0	-1.77e-05	0.0	-1.39e-05
7	3	-19.00	9.55	0.0	0.0	-1.93e-04	0.0	0.16
7	3	-15.00	9.55	0.0	0.0	2.49e-04	0.0	0.21
7	3	-8.00	-24.02	0.29	27.20	11.79	30.76	0.35
7	3	0.0	-97.38	0.30	18.24	35.45	229.26	0.24
7	3	8.00	-19.10	0.0	0.0	-7.15e-04	0.0	0.16
7	4	-19.00	9.55	0.0	0.0	-8.90e-06	0.0	-4.80e-04
7	4	-15.00	9.55	-1.25e-06	0.0	1.67e-04	0.0	-7.08e-04
7	4	-8.00	-96.79	-7.29e-04	108.21	-0.22	599.49	2.66e-04
7	4	0.0	-258.30	-1.82e-04	93.55	-0.03	1437.86	8.67e-05
7	4	8.00	-19.10	0.0	0.0	-2.59e-05	0.0	-1.21e-06
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-666.90	-1.81e-03	0.0	-0.57	-59.37	-1.82e-03
			12.89	1.01	292.88	119.66	4155.77	1.18

Macro	Tipo	Angolo 1-Z (gradi)
8	Setto	0.0



M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	1	-8.00	-34.83	1.36	3.40	49.86	8.92	0.24
8	1	0.0	-56.26	-0.34	-9.99	40.26	-17.44	0.27
8	2	-8.00	-347.80	2.87e-04	9.80	8.48e-03	5.39	-1.16e-06
8	2	0.0	-492.27	-3.56e-04	1.71	-4.18e-03	51.46	-5.65e-06
8	3	-8.00	-32.04	0.40	2.37	14.77	4.88	0.07
8	3	0.0	-50.85	-0.10	-4.95	11.93	-5.45	0.08
8	4	-8.00	-124.77	1.16e-04	4.27	3.43e-03	3.84	1.40e-06
8	4	0.0	-180.04	-1.31e-04	-1.49	-1.58e-03	14.96	0.0
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-492.27	-0.34	-9.99	-4.18e-03	-17.44	-5.65e-06
			-32.04	1.36	9.80	49.86	51.46	0.27

Macro	Tipo	Angolo 1-Z (gradi)
9	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
9	1	-8.00	-61.64	3.66	5.78	-226.79	15.98	0.20
9	1	0.0	-85.56	0.12	-18.20	-353.68	-33.69	0.23
9	2	-8.00	-497.55	-2.66e-04	14.77	0.05	27.99	1.20e-05
9	2	0.0	-700.90	-6.16e-04	-27.23	0.03	-21.85	8.24e-06
9	3	-8.00	-49.61	1.09	3.46	-67.20	8.64	0.06
9	3	0.0	-74.37	0.03	-9.50	-104.79	-15.49	0.07
9	4	-8.00	-178.77	-9.15e-05	6.13	0.02	12.20	5.89e-06
9	4	0.0	-256.69	-2.34e-04	-12.17	8.80e-03	-11.98	4.55e-06
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-700.90	-6.16e-04	-27.23	-353.68	-33.69	4.55e-06
			-49.61	3.66	14.77	0.05	27.99	0.23

Macro	Tipo	Angolo 1-Z (gradi)
10	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
10	1	-8.00	-174.92	1.23	8.77	-382.87	20.67	0.15
10	1	0.0	-223.27	2.52	-22.24	-304.57	-33.19	0.15
10	2	-8.00	-521.98	3.51e-04	18.90	-4.06e-03	46.32	0.0
10	2	0.0	-758.91	-4.17e-05	-50.58	2.89e-03	-80.39	7.72e-06
10	3	-8.00	-84.14	0.36	4.62	-113.44	11.26	0.04
10	3	0.0	-119.07	0.75	-12.27	-90.24	-19.34	0.04
10	4	-8.00	-186.98	1.34e-04	7.62	-1.09e-03	18.86	0.0
10	4	0.0	-277.78	-1.16e-05	-20.67	1.49e-03	-33.32	4.08e-06
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-758.91	-4.17e-05	-50.58	-382.87	-80.39	0.0
			-84.14	2.52	18.90	2.89e-03	46.32	0.15

Macro	Tipo	Angolo 1-Z (gradi)
11	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
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		cm	daN	daN	daN	daN cm	daN cm	daN cm
11	1	-8.00	-402.12	-14.73	10.39	1128.43	23.73	0.10
11	1	0.0	-467.31	3.30	-25.21	2098.91	-35.53	0.08
11	2	-8.00	-513.27	1.04e-03	21.79	-0.08	57.48	-2.15e-05
11	2	0.0	-772.78	4.27e-04	-64.43	0.01	-113.10	-1.31e-05
11	3	-8.00	-150.54	-4.37	5.28	334.34	12.87	0.03
11	3	0.0	-192.33	0.98	-14.03	621.90	-22.14	0.02
11	4	-8.00	-183.47	3.85e-04	8.65	-0.03	22.87	-8.16e-06
11	4	0.0	-282.84	1.62e-04	-25.65	5.53e-03	-45.12	-4.98e-06
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-772.78	-14.73	-64.43	-0.08	-113.10	-2.15e-05
			-150.54	3.30	21.79	2098.91	57.48	0.10

Macro	Tipo	Angolo 1-Z (gradi)
12	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
12	1	-8.00	-486.09	-21.77	9.17	2126.40	27.42	0.08
12	1	0.0	-541.15	2.18	-31.96	3349.05	-63.77	0.10
12	2	-8.00	-512.08	2.01e-03	23.53	-0.08	63.70	-5.75e-05
12	2	0.0	-790.76	8.45e-04	-72.02	-0.02	-130.28	-5.62e-05
12	3	-8.00	-175.36	-6.45	5.01	630.04	14.33	0.02
12	3	0.0	-215.71	0.65	-16.49	992.31	-31.58	0.03
12	4	-8.00	-183.06	7.44e-04	9.26	-0.03	25.08	-2.33e-05
12	4	0.0	-289.67	3.13e-04	-28.35	-5.05e-03	-51.29	-2.29e-05
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-790.76	-21.77	-72.02	-0.08	-130.28	-5.75e-05
			-175.36	2.18	23.53	3349.05	63.70	0.10

Macro	Tipo	Angolo 1-Z (gradi)
13	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
13	1	-8.00	-299.00	-3.88	7.94	204.89	27.35	0.07
13	1	0.0	-376.78	3.77	-33.09	722.43	-73.24	0.08
13	2	-8.00	-526.40	-5.31e-04	24.32	5.35e-04	68.03	-4.25e-05
13	2	0.0	-823.98	-1.04e-04	-77.72	0.02	-145.57	-8.23e-05
13	3	-8.00	-121.11	-1.15	4.67	60.71	14.55	0.02
13	3	0.0	-169.73	1.12	-17.16	214.05	-35.41	0.03
13	4	-8.00	-188.48	-1.97e-04	9.52	-2.16e-03	26.61	-1.75e-05
13	4	0.0	-302.23	-3.95e-05	-30.39	6.35e-03	-56.84	-3.37e-05
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-823.98	-3.88	-77.72	-2.16e-03	-145.57	-8.23e-05
			-121.11	3.77	24.32	722.43	68.03	0.08

Macro	Tipo	Angolo 1-Z (gradi)
14	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
14	1	-8.00	-114.17	2.87	8.39	-384.30	24.55	0.04
14	1	0.0	-171.56	0.89	-28.43	-504.12	-55.61	0.01



14	2	-8.00	-535.69	-7.43e-04	24.19	-5.70e-03	74.19	-5.69e-05
14	2	0.0	-847.23	-2.08e-04	-87.10	-0.05	-177.47	-4.95e-05
14	3	-8.00	-67.12	0.85	4.76	-113.87	14.11	0.01
14	3	0.0	-110.88	0.26	-16.41	-149.37	-32.51	3.02e-03
14	4	-8.00	-192.02	-2.73e-04	9.44	-5.17e-03	28.82	-2.31e-05
14	4	0.0	-311.08	-7.21e-05	-33.80	-0.02	-68.61	-2.03e-05
<b>M_S</b>			<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
			-847.23	-7.43e-04	-87.10	-504.12	-177.47	-5.69e-05
			-67.12	2.87	24.19	-5.17e-03	74.19	0.04

Macro	Tipo	Angolo 1-X (gradi)
6	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
6	1	1	14.12	3.51	3.52	14.11	0.28	0.21	-0.12	5.46e-02	3.63e-02	0.17
6	1	2	0.89	0.23	0.81	0.32	0.22	0.16	-0.36	0.11	-0.31	-0.15
6	1	3	2.54	-0.22	-0.13	2.45	-0.49	0.92	0.25	0.90	0.26	0.10
6	1	4	5.04	0.14	0.20	4.98	-0.54	1.15	-0.11	0.80	0.25	0.56
6	1	5	7.25	0.43	0.49	7.18	-0.66	1.02	-0.55	0.33	0.14	0.78
6	1	6	8.92	0.60	0.76	8.76	-1.14	0.48	-0.57	-0.11	1.96e-02	0.52
6	1	7	9.94	0.49	0.83	9.59	-1.77	6.01e-03	-0.24	-0.22	-7.63e-03	-5.59e-02
6	1	8	10.37	0.17	0.68	9.87	-2.21	0.62	-0.47	6.86e-02	7.98e-02	-0.55
6	1	9	10.44	8.69e-02	0.56	9.96	-2.17	1.01	-0.26	0.54	0.21	-0.61
6	1	10	10.79	0.32	0.54	10.57	-1.51	0.90	0.21	0.81	0.30	-0.23
6	1	35	12.17	-0.24	-0.21	12.14	-0.66	0.74	0.32	0.72	0.34	9.41e-02
6	1	41	1.54	-0.45	-0.44	1.53	-0.15	0.76	0.30	0.73	0.33	-0.12
6	1	44	9.92	-1.23	-1.00	9.68	-1.60	0.41	-0.32	-2.72e-02	0.11	0.36
6	1	53	4.20	-4.10e-02	9.77e-02	4.07	-0.75	1.16	3.67e-02	0.86	0.33	0.50
6	1	58	8.59	-0.88	-0.74	8.44	-1.17	1.17	-0.78	0.21	0.17	0.97
6	1	64	10.13	-1.15	-0.81	9.79	1.92	0.49	-0.26	8.74e-02	0.14	0.37
6	1	66	6.58	-0.35	-0.24	6.47	-0.87	1.46	-0.58	0.61	0.27	1.01
6	1	67	10.65	-0.85	-0.44	10.24	-2.13	1.11	-0.50	0.39	0.22	-0.80
6	1	72	10.51	-1.19	-0.85	10.17	-1.96	0.51	-0.32	5.15e-02	0.13	-0.41
6	1	85	10.79	-0.39	-8.08e-02	10.48	-1.85	1.11	-7.78e-02	0.72	0.31	-0.56
6	1	93	68.82	15.24	16.11	67.95	6.77	0.71	-0.16	0.19	0.36	0.43
6	1	94	3.45	0.72	3.42	0.75	0.27	0.20	-0.42	0.16	-0.38	0.15
6	1	95	7.35	0.42	7.04	0.73	-1.43	0.95	-0.22	0.64	8.71e-02	-0.52
6	1	96	18.11	-0.73	16.94	0.44	-4.55	2.42	-0.93	1.31	0.18	-1.58
6	1	97	38.89	-3.69	38.02	-2.81	-6.05	5.38	-1.27	3.60	0.51	-2.94
6	1	98	65.16	-6.82	65.08	-6.74	-2.43	8.57	0.55	7.76	1.37	-2.42
6	1	99	72.24	-2.82	71.95	-2.53	4.71	9.24	1.76	9.13	1.87	0.90
6	1	100	54.69	8.08	52.15	10.61	10.57	7.24	-0.48	5.62	1.14	3.15
6	1	101	37.37	14.09	25.48	25.98	11.64	3.86	-1.11	2.06	0.69	2.39
6	1	102	41.26	9.23	12.06	38.43	9.09	1.76	-0.24	0.85	0.68	1.00
6	1	127	49.42	2.98	4.26	48.15	7.58	1.72	0.43	1.21	0.94	0.63
6	1	133	2.30	1.40	2.13	1.56	-0.35	0.81	0.22	0.68	0.35	-0.25
6	1	136	47.52	5.27	47.45	5.34	1.71	10.12	3.39	9.78	3.73	-1.47
6	1	144	12.24	-0.22	-0.20	12.22	0.53	0.75	0.30	0.71	0.34	-0.12
6	1	145	9.50	1.13	8.50	2.13	-2.72	2.13	-0.66	1.02	0.45	-1.36
6	1	150	36.79	1.90	36.35	2.34	-3.89	9.05	-0.86	5.89	2.29	-4.62
6	1	158	21.49	0.72	20.00	2.22	-5.37	4.97	-1.84	2.21	0.92	-3.35
6	1	159	36.89	13.90	27.12	23.67	11.36	7.13	-1.76	3.68	1.68	4.33
6	1	163	2.38	-0.23	-0.12	2.27	0.54	0.89	0.24	0.88	0.25	-8.16e-02
6	1	164	44.33	11.73	42.88	13.18	6.72	10.23	1.30	8.26	3.27	3.71
6	1	166	10.66	-0.38	-9.45e-02	10.38	1.75	1.05	-3.01e-02	0.70	0.31	0.50
6	1	168	4.71	0.14	0.22	4.63	0.60	1.08	-7.68e-02	0.77	0.23	-0.51
6	1	170	6.81	0.41	0.49	6.73	0.70	0.96	-0.49	0.34	0.13	-0.72
6	1	172	8.45	0.56	0.73	8.28	1.15	0.46	-0.50	-6.83e-02	2.61e-02	-0.48
6	1	173	9.50	0.45	0.79	9.16	1.74	1.59e-02	-0.18	-0.17	2.43e-03	5.02e-02
6	1	174	10.01	0.18	0.67	9.52	2.14	0.59	-0.41	9.72e-02	8.29e-02	0.50
6	1	175	10.20	0.13	0.57	9.75	2.07	0.95	-0.21	0.53	0.20	0.56
6	1	176	10.73	0.36	0.55	10.54	1.39	0.86	0.22	0.80	0.29	0.20
6	1	177	38.52	8.77	12.98	34.31	10.38	3.33	-1.16	1.33	0.83	2.23
6	1	184	1.45	-0.45	-0.43	1.43	0.20	0.75	0.28	0.71	0.32	0.13
6	1	187	9.46	-1.19	-0.95	9.22	1.58	0.41	-0.27	1.51e-02	0.12	-0.33
6	1	191	65.83	14.52	15.44	64.91	-6.83	0.71	-0.17	0.19	0.35	-0.43
6	1	192	4.36	0.85	4.35	0.85	-0.10	0.22	-0.45	0.19	-0.41	-0.14
6	1	193	8.00	0.45	7.61	0.83	1.66	0.96	-0.20	0.66	9.61e-02	0.51



6	1	194	18.80	-0.68	17.73	0.39	4.42	2.44	-0.85	1.39	0.19	1.53
6	1	195	38.39	-3.30	37.71	-2.62	5.27	5.20	-1.02	3.65	0.54	2.70
6	1	196	60.36	-5.27	60.31	-5.23	1.72	7.86	0.67	7.19	1.34	2.09
6	1	197	65.56	-1.01	65.29	-0.74	-4.23	8.30	1.68	8.21	1.77	-0.77
6	1	198	52.02	8.37	49.92	10.48	-9.35	6.80	-0.22	5.43	1.15	-2.79
6	1	199	36.25	14.50	26.15	24.59	-10.85	3.81	-0.96	2.16	0.69	-2.27
6	1	200	39.64	9.70	12.62	36.73	-8.88	1.76	-0.22	0.88	0.66	-0.98
6	1	225	47.47	3.29	4.62	46.14	-7.55	1.71	0.41	1.20	0.92	-0.63
6	1	231	2.96	1.40	2.68	1.67	0.59	0.83	0.25	0.71	0.37	0.24
6	1	234	44.32	5.58	44.23	5.66	-1.85	9.08	3.08	8.83	3.33	1.21
6	1	243	10.10	1.19	9.06	2.23	2.86	2.14	-0.61	1.06	0.47	1.34
6	1	248	35.23	2.35	34.96	2.62	2.94	8.40	-0.51	5.69	2.20	4.10
6	1	256	21.50	1.06	20.25	2.31	4.89	4.91	-1.60	2.34	0.97	3.18
6	1	257	35.14	14.37	26.82	22.69	-10.17	6.85	-1.41	3.75	1.69	-4.00
6	1	262	41.59	11.78	40.43	12.94	-5.77	9.22	1.39	7.62	2.99	-3.16
6	1	275	37.05	9.34	13.53	32.86	-9.93	3.33	-1.06	1.42	0.85	-2.18
6	1	281	3.97	-8.74e-02	7.76e-02	3.80	0.80	1.11	6.62e-02	0.85	0.33	-0.45
6	1	286	8.13	-0.87	-0.71	7.98	1.18	1.11	-0.69	0.24	0.18	-0.90
6	1	294	6.20	-0.38	-0.25	6.07	0.90	1.38	-0.51	0.60	0.27	-0.93
6	1	295	10.37	-0.83	-0.44	9.98	2.06	1.05	-0.42	0.40	0.23	0.73
6	1	301	14.26	3.55	3.57	14.25	-0.39	0.24	-0.14	5.48e-02	3.80e-02	-0.19
6	1	302	0.83	0.25	0.78	0.30	-0.17	0.15	-0.35	0.10	-0.30	0.15
6	1	345	10.81	0.96	1.21	10.56	-1.55	-0.21	-0.48	-0.27	-0.42	0.11
6	1	346	9.98	2.76	2.98	9.76	-1.23	0.45	-0.37	1.52e-02	5.75e-02	0.41
6	1	347	8.92	1.37	1.71	8.58	-1.57	-0.39	-0.95	-0.40	-0.94	9.39e-02
6	1	348	8.79	2.10	2.54	8.36	-1.65	0.29	-0.27	-5.05e-03	2.18e-02	0.28
6	1	349	7.73	1.36	1.83	7.27	-1.65	-0.46	-1.26	-0.47	-1.26	6.75e-02
6	1	350	7.77	1.65	2.21	7.20	-1.77	0.19	-0.19	-2.79e-03	6.31e-03	0.19
6	1	351	6.88	1.34	1.92	6.31	-1.69	-0.53	-1.51	-0.53	-1.51	2.88e-02
6	1	352	6.98	1.37	1.97	6.37	-1.74	0.13	-0.13	-1.42e-03	2.93e-03	0.13
6	1	353	6.27	1.44	2.07	5.64	-1.63	-0.59	-1.72	-0.59	-1.72	-1.25e-02
6	1	354	6.38	1.26	1.81	5.83	-1.58	7.43e-02	-7.29e-02	-1.13e-03	2.51e-03	7.36e-02
6	1	355	5.84	1.70	2.32	5.23	-1.47	-0.64	-1.91	-0.64	-1.91	-5.15e-02
6	1	356	5.97	1.32	1.73	5.56	-1.31	2.48e-02	-2.33e-02	-1.14e-03	2.67e-03	2.40e-02
6	1	357	5.57	2.17	2.66	5.08	-1.19	-0.68	-2.08	-0.68	-2.07	-8.52e-02
6	1	358	5.78	1.53	1.73	5.57	-0.92	2.20e-02	-2.03e-02	-1.18e-03	2.95e-03	-2.10e-02
6	1	359	5.48	2.85	3.12	5.22	-0.79	-0.70	-2.21	-0.71	-2.20	-0.11
6	1	360	5.91	1.79	1.83	5.87	-0.39	6.13e-02	-5.92e-02	-1.22e-03	3.30e-03	-6.02e-02
6	1	361	5.68	3.65	3.68	5.65	-0.25	-0.72	-2.31	-0.73	-2.30	-0.13
6	1	362	6.49	2.00	2.01	6.47	0.27	9.35e-02	-9.10e-02	-1.24e-03	3.72e-03	-9.23e-02
6	1	363	6.50	4.27	4.36	6.41	0.43	-0.72	-2.37	-0.73	-2.36	-0.14
6	1	364	7.63	2.08	2.30	7.41	1.08	0.12	-0.11	-1.25e-03	4.18e-03	-0.12
6	1	365	8.07	4.60	5.14	7.54	1.25	-0.71	-2.38	-0.72	-2.37	-0.13
6	1	366	9.35	2.07	2.70	8.72	2.05	0.13	-0.13	-1.25e-03	4.67e-03	-0.13
6	1	367	10.25	4.85	6.03	9.07	2.23	-0.68	-2.35	-0.69	-2.34	-0.12
6	1	368	11.62	2.03	3.22	10.43	3.16	0.14	-0.13	-1.22e-03	5.16e-03	-0.14
6	1	369	12.95	5.13	7.01	11.08	3.34	-0.64	-2.26	-0.65	-2.26	-8.98e-02
6	1	370	14.44	2.03	3.88	12.59	4.41	0.13	-0.13	-1.18e-03	5.61e-03	-0.13
6	1	371	16.19	5.48	8.05	13.62	4.57	-0.58	-2.12	-0.59	-2.12	-4.82e-02
6	1	372	17.81	2.14	4.69	15.27	5.78	0.12	-0.11	-1.13e-03	5.99e-03	-0.11
6	1	373	20.01	5.93	9.14	16.81	5.90	-0.51	-1.93	-0.51	-1.93	7.77e-03
6	1	374	21.78	2.42	5.68	18.53	7.24	8.54e-02	-8.02e-02	-1.19e-03	6.37e-03	-8.27e-02
6	1	375	24.47	6.48	10.19	20.77	7.28	-0.41	-1.68	-0.41	-1.68	7.94e-02
6	1	376	26.37	2.98	6.88	22.48	8.72	4.51e-02	-3.96e-02	-1.87e-03	7.38e-03	-4.21e-02
6	1	377	29.73	7.07	11.09	25.71	8.65	-0.28	-1.38	-0.31	-1.36	0.17
6	1	378	31.69	3.95	8.34	27.29	10.12	1.20e-02	-4.77e-03	-4.77e-03	1.20e-02	3.82e-05
6	1	379	36.18	7.42	11.50	32.10	10.03	-0.11	-1.02	-0.21	-0.92	0.29
6	1	380	37.89	5.61	10.18	33.32	11.26	3.21e-02	-1.62e-02	-1.08e-02	2.68e-02	1.52e-02
6	1	381	45.73	6.05	10.02	41.76	11.91	0.32	-0.55	-2.05e-02	-0.20	0.42
6	1	382	44.66	8.59	12.71	40.54	11.47	4.25e-02	-1.06e-02	-5.09e-03	3.70e-02	-1.62e-02
6	1	383	10.56	8.84e-04	0.79	9.77	-2.77	-1.43e-02	-0.57	-0.23	-0.36	-0.27
6	1	384	9.26	-1.61e-02	0.66	8.58	-2.42	-0.15	-0.78	-0.30	-0.62	-0.27
6	1	385	8.09	0.17	0.89	7.37	-2.28	-0.35	-1.18	-0.45	-1.09	-0.27
6	1	386	7.18	0.40	1.23	6.36	-2.22	-0.52	-1.63	-0.59	-1.55	-0.28
6	1	387	6.52	0.73	1.66	5.58	-2.13	-0.65	-2.05	-0.71	-1.99	-0.29
6	1	388	6.06	1.18	2.20	5.04	-1.98	-0.76	-2.43	-0.81	-2.37	-0.29
6	1	389	5.80	1.81	2.85	4.76	-1.75	-0.85	-2.75	-0.89	-2.71	-0.29
6	1	390	5.70	2.66	3.63	4.73	-1.42	-0.91	-3.01	-0.95	-2.98	-0.27
6	1	391	5.75	3.77	4.52	5.00	-0.96	-0.95	-3.21	-0.98	-3.18	-0.24
6	1	392	5.92	5.19	5.54	5.57	-0.36	-0.96	-3.33	-0.98	-3.32	-0.20
6	1	393	6.99	6.18	6.65	6.51	0.40	-0.95	-3.37	-0.96	-3.37	-0.13
6	1	394	9.19	6.52	7.86	7.85	1.33	-0.90	-3.32	-0.90	-3.32	-5.45e-02
6	1	395	11.87	6.91	9.11	9.67	2.46	-0.81	-3.18	-0.81	-3.18	4.33e-02
6	1	396	15.09	7.30	10.35	12.04	3.81	-0.68	-2.93	-0.69	-2.92	0.16
6	1	397	18.95	7.62	11.50	15.07	5.38	-0.49	-2.59	-0.53	-2.55	0.29
6	1	398	23.54	7.76	12.43	18.87	7.20	-0.23	-2.17	-0.34	-2.06	0.44
6	1	399	29.06	7.46	12.92	23.60	9.38	0.13	-1.70	-0.11	-1.46	0.61



6	1	400	35.77	6.28	12.76	29.29	12.21	0.61	-1.27	0.15	-0.81	0.81
6	1	401	43.62	3.62	12.20	35.04	16.42	1.15	-1.02	0.40	-0.27	1.03
6	1	402	43.23	3.00	16.08	30.14	18.85	1.67	-1.50	0.57	-0.40	1.51
6	1	403	35.44	6.20	16.40	25.24	13.94	0.94	-2.08	0.22	-1.35	1.29
6	1	404	28.71	7.88	16.06	20.53	10.17	0.44	-2.43	5.75e-03	-2.00	1.03
6	1	405	23.02	8.53	15.12	16.43	7.21	4.46e-02	-2.71	-0.19	-2.47	0.78
6	1	406	18.32	8.55	13.79	13.07	4.87	-0.25	-2.91	-0.36	-2.80	0.54
6	1	407	14.47	8.18	12.25	10.40	3.01	-0.46	-3.05	-0.50	-3.01	0.32
6	1	408	11.38	7.57	10.63	8.33	1.52	-0.60	-3.13	-0.61	-3.12	0.13
6	1	409	9.08	6.72	9.03	6.77	0.35	-0.68	-3.14	-0.69	-3.14	-3.73e-02
6	1	410	7.67	5.49	7.51	5.65	-0.57	-0.73	-3.11	-0.74	-3.10	-0.18
6	1	411	6.90	4.10	6.11	4.90	-1.26	-0.74	-3.03	-0.78	-2.99	-0.29
6	1	412	6.46	2.87	4.85	4.47	-1.79	-0.72	-2.90	-0.79	-2.83	-0.38
6	1	413	6.23	1.86	3.75	4.34	-2.16	-0.68	-2.74	-0.79	-2.63	-0.45
6	1	414	6.20	1.07	2.81	4.46	-2.43	-0.62	-2.54	-0.76	-2.40	-0.50
6	1	415	6.39	0.46	2.02	4.82	-2.61	-0.54	-2.31	-0.72	-2.13	-0.53
6	1	416	6.79	-3.40e-03	1.38	5.41	-2.74	-0.44	-2.06	-0.66	-1.84	-0.55
6	1	417	7.43	-0.34	0.89	6.19	-2.84	-0.32	-1.79	-0.58	-1.52	-0.56
6	1	418	8.28	-0.58	0.55	7.16	-2.95	-0.17	-1.51	-0.48	-1.20	-0.56
6	1	419	9.34	-0.74	0.35	8.26	-3.12	-1.91e-02	-1.22	-0.38	-0.85	-0.55
6	1	420	10.58	-0.86	0.27	9.46	-3.41	0.21	-0.85	-0.27	-0.36	-0.53
6	1	421	43.18	3.42	22.43	24.16	19.86	2.70	-2.40	1.09	-0.79	2.37
6	1	422	35.72	6.16	21.24	20.64	14.78	1.82	-2.39	0.78	-1.36	1.82
6	1	423	28.83	7.75	19.68	16.90	10.44	1.13	-2.48	0.50	-1.85	1.36
6	1	424	23.09	8.35	17.84	13.60	7.06	0.65	-2.48	0.30	-2.14	0.98
6	1	425	18.43	8.24	15.80	10.87	4.45	0.31	-2.43	0.15	-2.27	0.64
6	1	426	14.70	7.68	13.68	8.69	2.46	8.48e-02	-2.33	3.49e-02	-2.28	0.34
6	1	427	11.78	6.83	11.59	7.02	0.95	-5.65e-02	-2.21	-6.05e-02	-2.21	9.31e-02
6	1	428	9.60	5.77	9.59	5.78	-0.19	-0.13	-2.09	-0.14	-2.08	-0.12
6	1	429	8.08	4.57	7.74	4.91	-1.04	-0.15	-1.96	-0.20	-1.91	-0.29
6	1	430	7.09	3.34	6.06	4.37	-1.67	-0.13	-1.84	-0.25	-1.73	-0.43
6	1	431	6.49	2.20	4.58	4.11	-2.14	-8.15e-02	-1.73	-0.28	-1.53	-0.54
6	1	432	6.20	1.20	3.29	4.11	-2.47	-1.01e-02	-1.61	-0.30	-1.32	-0.62
6	1	433	6.18	0.36	2.21	4.33	-2.71	7.68e-02	-1.50	-0.31	-1.11	-0.68
6	1	434	6.40	-0.33	1.31	4.76	-2.89	0.18	-1.38	-0.31	-0.90	-0.72
6	1	435	6.85	-0.86	0.61	5.38	-3.03	0.28	-1.26	-0.29	-0.69	-0.75
6	1	436	7.52	-1.26	8.76e-02	6.17	-3.16	0.40	-1.14	-0.26	-0.48	-0.76
6	1	437	8.38	-1.52	-0.24	7.11	-3.32	0.52	-1.00	-0.21	-0.28	-0.76
6	1	438	9.40	-1.62	-0.36	8.13	-3.52	0.65	-0.88	-0.15	-7.90e-02	-0.76
6	1	439	10.44	-1.58	-0.26	9.12	-3.75	0.66	-0.88	-0.16	-6.11e-02	-0.77
6	1	440	10.37	-1.72	-0.25	8.90	-3.95	0.60	-0.93	-0.27	-5.98e-02	-0.76
6	1	441	9.28	-2.05	-0.61	7.84	-3.77	0.62	-0.98	-0.21	-0.15	-0.80
6	1	442	8.30	-2.03	-0.56	6.83	-3.61	0.69	-0.96	-0.17	-9.96e-02	-0.82
6	1	443	7.47	-1.84	-0.29	5.92	-3.46	0.74	-0.92	-0.13	-5.90e-02	-0.83
6	1	444	6.82	-1.49	0.18	5.15	-3.33	0.78	-0.87	-7.23e-02	-2.36e-02	-0.82
6	1	445	6.38	-1.00	0.86	4.52	-3.20	0.81	-0.80	5.24e-04	5.90e-03	-0.81
6	1	446	6.18	-0.36	1.75	4.06	-3.06	0.83	-0.72	8.90e-02	2.67e-02	-0.77
6	1	447	6.24	0.41	2.87	3.78	-2.88	0.84	-0.61	0.19	3.60e-02	-0.72
6	1	448	6.61	1.31	4.22	3.70	-2.64	0.83	-0.49	0.31	3.10e-02	-0.65
6	1	449	7.31	2.33	5.82	3.83	-2.29	0.81	-0.36	0.44	9.59e-03	-0.55
6	1	450	8.41	3.44	7.66	4.19	-1.78	0.78	-0.24	0.57	-2.88e-02	-0.41
6	1	451	9.98	4.59	9.76	4.81	-1.06	0.78	-0.15	0.72	-8.29e-02	-0.24
6	1	452	12.11	5.72	12.11	5.72	-4.96e-02	0.88	-0.15	0.88	-0.15	-1.31e-02
6	1	453	14.93	6.72	14.70	6.95	1.36	1.09	-0.27	1.04	-0.21	0.26
6	1	454	18.58	7.46	17.50	8.54	3.29	1.43	-0.48	1.21	-0.27	0.60
6	1	455	23.23	7.77	20.47	10.53	5.91	1.88	-0.75	1.40	-0.28	1.01
6	1	456	29.06	7.42	23.59	12.89	9.40	2.45	-1.06	1.60	-0.22	1.50
6	1	457	36.18	6.18	26.76	15.60	13.92	3.13	-1.38	1.78	-4.01e-02	2.06
6	1	458	45.16	3.80	30.03	18.93	19.92	4.04	-1.41	2.01	0.62	2.63
6	1	459	10.12	-2.95	-1.66	8.83	-3.90	0.95	-0.54	-3.60e-02	0.45	-0.70
6	1	460	9.05	-2.71	-1.41	7.75	-3.69	1.30	-0.31	0.12	0.87	-0.71
6	1	461	8.04	-2.68	-1.42	6.77	-3.46	1.52	-0.19	0.20	1.14	-0.71
6	1	462	7.14	-2.48	-1.23	5.89	-3.24	1.77	-4.31e-02	0.31	1.42	-0.72
6	1	463	6.41	-2.11	-0.82	5.13	-3.05	2.03	0.12	0.45	1.70	-0.72
6	1	464	5.85	-1.55	-0.20	4.50	-2.86	2.29	0.31	0.62	1.98	-0.72
6	1	465	5.49	-0.81	0.66	4.02	-2.66	2.52	0.51	0.80	2.24	-0.70
6	1	466	5.36	0.11	1.77	3.70	-2.44	2.73	0.73	0.99	2.47	-0.67
6	1	467	5.51	1.17	3.15	3.54	-2.16	2.90	0.98	1.20	2.68	-0.62
6	1	468	6.09	2.27	4.82	3.54	-1.80	3.02	1.24	1.42	2.84	-0.55
6	1	469	7.29	3.24	6.80	3.72	-1.31	3.08	1.52	1.65	2.94	-0.44
6	1	470	9.20	4.02	9.13	4.09	-0.63	3.07	1.81	1.89	2.99	-0.30
6	1	471	11.83	4.64	11.81	4.66	0.32	2.98	2.11	2.12	2.97	-0.11
6	1	472	15.17	5.15	14.90	5.43	1.64	2.91	2.32	2.36	2.87	0.14
6	1	473	19.34	5.49	18.41	6.41	3.45	3.12	2.18	2.60	2.70	0.47
6	1	474	24.49	5.52	22.41	7.60	5.92	3.56	1.76	2.85	2.47	0.88
6	1	475	30.84	5.10	26.95	8.99	9.22	4.14	1.18	3.11	2.21	1.41
6	1	476	38.69	4.05	32.19	10.55	13.52	4.91	0.50	3.46	1.95	2.07



6	1	477	47.43	2.03	37.83	11.63	18.54	5.60	-0.74	3.67	1.18	2.91
6	1	478	9.77	-2.04	-0.70	8.44	-3.74	0.47	-0.50	-0.27	0.24	-0.41
6	1	479	8.60	-2.68	-1.47	7.40	-3.48	0.80	-0.26	-3.75e-02	0.58	-0.44
6	1	480	7.53	-2.71	-1.57	6.39	-3.22	1.23	-4.99e-02	0.14	1.04	-0.45
6	1	481	6.59	-2.53	-1.45	5.51	-2.95	1.66	0.16	0.32	1.50	-0.47
6	1	482	5.81	-2.16	-1.11	4.76	-2.69	2.10	0.38	0.52	1.96	-0.48
6	1	483	5.19	-1.60	-0.56	4.14	-2.45	2.55	0.62	0.75	2.42	-0.48
6	1	484	4.75	-0.85	0.24	3.65	-2.22	2.99	0.89	1.01	2.88	-0.48
6	1	485	4.52	8.66e-02	1.31	3.30	-1.98	3.43	1.18	1.28	3.32	-0.47
6	1	486	4.59	1.15	2.66	3.08	-1.71	3.84	1.49	1.58	3.75	-0.45
6	1	487	5.20	2.13	4.33	3.00	-1.39	4.22	1.83	1.90	4.15	-0.42
6	1	488	6.61	2.78	6.35	3.04	-0.97	4.55	2.19	2.24	4.50	-0.36
6	1	489	8.80	3.19	8.77	3.22	-0.41	4.82	2.57	2.60	4.78	-0.28
6	1	490	11.65	3.49	11.64	3.51	0.35	5.00	2.96	2.97	4.99	-0.16
6	1	491	15.21	3.72	15.03	3.90	1.40	5.08	3.35	3.35	5.08	1.32e-02
6	1	492	19.58	3.84	19.05	4.37	2.85	5.08	3.68	3.72	5.03	0.24
6	1	493	24.97	3.73	23.81	4.89	4.81	5.11	3.79	4.09	4.80	0.56
6	1	494	31.62	3.31	29.50	5.43	7.44	5.35	3.42	4.43	4.34	0.96
6	1	495	39.78	2.56	36.26	6.08	10.89	5.67	2.50	4.61	3.56	1.49
6	1	496	50.36	2.11	44.59	7.87	15.65	6.02	1.59	4.49	3.12	2.11
6	1	497	9.40	-3.62	-2.61	8.40	-3.48	0.75	1.32e-02	1.83e-02	0.75	-6.16e-02
6	1	498	8.15	-3.07	-2.13	7.21	-3.11	1.44	0.26	0.26	1.44	-7.45e-02
6	1	499	7.02	-3.06	-2.25	6.22	-2.73	2.00	0.42	0.43	2.00	-8.24e-02
6	1	500	6.03	-2.90	-2.22	5.35	-2.36	2.62	0.64	0.65	2.61	-8.93e-02
6	1	501	5.18	-2.55	-1.99	4.62	-1.99	3.26	0.90	0.90	3.25	-9.57e-02
6	1	502	4.47	-1.99	-1.54	4.02	-1.64	3.91	1.19	1.19	3.91	-0.10
6	1	503	3.90	-1.20	-0.85	3.55	-1.29	4.59	1.51	1.52	4.58	-0.10
6	1	504	3.45	-0.14	0.12	3.20	-0.93	5.26	1.87	1.87	5.26	-0.11
6	1	505	3.12	1.22	1.38	2.95	-0.54	5.94	2.26	2.26	5.94	-0.10
6	1	506	3.02	2.77	2.98	2.81	-9.21e-02	6.60	2.67	2.68	6.60	-9.65e-02
6	1	507	5.04	2.69	4.96	2.77	0.44	7.23	3.12	3.12	7.23	-8.16e-02
6	1	508	7.61	2.56	7.37	2.80	1.09	7.81	3.60	3.60	7.81	-5.65e-02
6	1	509	10.75	2.43	10.29	2.89	1.91	8.30	4.09	4.09	8.30	-1.79e-02
6	1	510	14.57	2.25	13.82	3.00	2.95	8.65	4.60	4.60	8.65	3.84e-02
6	1	511	19.24	1.96	18.11	3.09	4.27	8.82	5.11	5.11	8.81	0.12
6	1	512	24.95	1.49	23.33	3.11	5.95	8.72	5.59	5.61	8.71	0.23
6	1	513	31.99	0.77	29.73	3.03	8.08	8.30	6.03	6.10	8.24	0.37
6	1	514	40.79	-0.24	37.75	2.80	10.74	7.61	6.30	6.61	7.30	0.56
6	1	515	50.81	-2.37	46.85	1.59	13.96	6.97	4.53	6.68	4.81	0.78
6	1	516	8.75	-1.92	-0.89	7.72	-3.14	0.43	-0.40	-0.28	0.31	0.29
6	1	517	7.41	-2.62	-1.85	6.65	-2.67	0.86	-0.12	-7.89e-03	0.74	0.32
6	1	518	6.20	-2.64	-2.07	5.63	-2.18	1.39	0.11	0.20	1.31	0.33
6	1	519	5.16	-2.48	-2.09	4.76	-1.69	1.94	0.34	0.41	1.87	0.33
6	1	520	4.27	-2.14	-1.90	4.03	-1.22	2.49	0.59	0.65	2.44	0.33
6	1	521	3.54	-1.59	-1.48	3.43	-0.75	3.06	0.87	0.92	3.01	0.32
6	1	522	2.96	-0.83	-0.81	2.94	-0.29	3.64	1.17	1.21	3.59	0.32
6	1	523	2.56	0.14	0.15	2.55	0.18	4.20	1.50	1.54	4.17	0.31
6	1	524	2.63	1.04	1.42	2.25	0.67	4.76	1.86	1.89	4.73	0.29
6	1	525	3.85	1.21	3.03	2.03	1.22	5.29	2.24	2.27	5.26	0.27
6	1	526	5.88	1.04	5.04	1.87	1.83	5.77	2.65	2.67	5.75	0.24
6	1	527	8.47	0.80	7.51	1.76	2.54	6.17	3.08	3.09	6.16	0.20
6	1	528	11.63	0.53	10.49	1.66	3.37	6.48	3.53	3.53	6.48	0.14
6	1	529	15.46	0.20	14.11	1.55	4.33	6.65	3.98	3.98	6.65	7.13e-02
6	1	530	20.08	-0.21	18.49	1.38	5.46	6.64	4.43	4.44	6.64	-2.67e-02
6	1	531	25.65	-0.74	23.80	1.11	6.74	6.39	4.86	4.87	6.38	-0.16
6	1	532	32.40	-1.42	30.28	0.69	8.20	5.92	5.10	5.26	5.77	-0.33
6	1	533	40.55	-2.15	38.16	0.23	9.81	5.73	4.41	5.45	4.69	-0.54
6	1	534	50.92	-1.81	48.27	0.84	11.52	5.55	3.52	5.21	3.86	-0.76
6	1	535	8.20	-3.21	-2.47	7.46	-2.82	1.08	-0.48	-1.60e-02	0.62	0.71
6	1	536	6.77	-2.72	-2.17	6.23	-2.21	1.55	-0.16	0.20	1.20	0.69
6	1	537	5.56	-2.74	-2.42	5.23	-1.62	1.95	2.97e-02	0.33	1.65	0.69
6	1	538	4.53	-2.66	-2.51	4.38	-1.03	2.39	0.25	0.50	2.14	0.70
6	1	539	3.72	-2.43	-2.39	3.68	-0.47	2.87	0.49	0.71	2.64	0.70
6	1	540	3.10	-2.05	-2.05	3.10	6.37e-02	3.35	0.75	0.95	3.15	0.69
6	1	541	2.70	-1.53	-1.44	2.62	0.59	3.83	1.04	1.21	3.66	0.67
6	1	542	2.62	-0.94	-0.55	2.23	1.11	4.30	1.35	1.50	4.15	0.65
6	1	543	3.04	-0.48	0.66	1.91	1.64	4.75	1.69	1.81	4.63	0.61
6	1	544	4.15	-0.29	2.22	1.65	2.20	5.17	2.05	2.15	5.07	0.55
6	1	545	5.91	-0.31	4.17	1.44	2.80	5.53	2.43	2.50	5.46	0.47
6	1	546	8.24	-0.44	6.55	1.25	3.44	5.82	2.82	2.86	5.78	0.36
6	1	547	11.14	-0.62	9.44	1.08	4.13	6.03	3.23	3.24	6.01	0.21
6	1	548	14.63	-0.84	12.92	0.88	4.85	6.12	3.62	3.62	6.12	1.45e-02
6	1	549	18.80	-1.10	17.07	0.63	5.60	6.11	3.98	4.01	6.08	-0.24
6	1	550	23.76	-1.41	22.05	0.30	6.33	6.04	4.19	4.38	5.85	-0.56
6	1	551	29.65	-1.77	28.01	-0.14	6.97	6.13	4.05	4.77	5.41	-0.99
6	1	552	36.76	-2.23	35.26	-0.73	7.50	6.53	3.41	5.21	4.73	-1.54
6	1	553	44.60	-3.67	43.16	-2.23	8.20	6.71	1.59	5.33	2.97	-2.27



6	1	554	7.31	-1.50	-0.76	6.58	-2.44	0.77	-0.96	-0.27	7.79e-02	0.85
6	1	555	5.82	-2.00	-1.61	5.43	-1.70	0.98	-0.89	-0.13	0.22	0.92
6	1	556	4.58	-2.11	-1.96	4.43	-0.98	1.21	-0.75	-2.41e-02	0.48	0.95
6	1	557	3.63	-2.12	-2.11	3.61	-0.31	1.42	-0.60	8.28e-02	0.74	0.96
6	1	558	2.95	-2.06	-2.04	2.93	0.33	1.63	-0.43	0.21	0.99	0.96
6	1	559	2.56	-1.93	-1.72	2.36	0.93	1.84	-0.24	0.36	1.24	0.94
6	1	560	2.51	-1.77	-1.14	1.88	1.52	2.03	-3.15e-02	0.52	1.48	0.91
6	1	561	2.87	-1.67	-0.28	1.49	2.09	2.20	0.20	0.71	1.70	0.87
6	1	562	3.69	-1.65	0.90	1.15	2.67	2.34	0.46	0.91	1.89	0.80
6	1	563	4.97	-1.70	2.41	0.86	3.25	2.44	0.74	1.12	2.05	0.71
6	1	564	6.71	-1.81	4.28	0.62	3.85	2.48	1.05	1.35	2.18	0.58
6	1	565	8.88	-1.94	6.54	0.40	4.46	2.45	1.39	1.59	2.25	0.42
6	1	566	11.51	-2.07	9.24	0.20	5.07	2.35	1.76	1.84	2.27	0.21
6	1	567	14.60	-2.18	12.41	1.08e-02	5.65	2.25	2.07	2.10	2.23	-6.33e-02
6	1	568	18.18	-2.25	16.11	-0.18	6.17	2.67	1.82	2.36	2.12	-0.40
6	1	569	22.28	-2.28	20.39	-0.38	6.55	3.19	1.40	2.63	1.96	-0.83
6	1	570	26.95	-2.23	25.31	-0.60	6.70	3.78	0.84	2.89	1.73	-1.35
6	1	571	32.19	-2.08	30.90	-0.79	6.53	4.39	0.12	3.07	1.43	-1.97
6	1	572	38.41	-1.22	37.61	-0.42	5.57	5.06	-0.35	3.13	1.58	-2.59
6	1	573	6.53	-1.87	-1.25	5.91	-2.20	1.12	-1.06	-0.10	0.16	1.08
6	1	574	5.06	-1.93	-1.65	4.78	-1.38	1.22	-0.92	-3.56e-02	0.34	1.05
6	1	575	3.90	-2.14	-2.07	3.83	-0.63	1.23	-0.91	-3.85e-02	0.36	1.05
6	1	576	3.06	-2.30	-2.30	3.06	7.15e-02	1.25	-0.89	-2.21e-02	0.38	1.05
6	1	577	2.53	-2.39	-2.29	2.42	0.71	1.26	-0.85	1.37e-02	0.40	1.03
6	1	578	2.28	-2.41	-2.03	1.89	1.28	1.25	-0.79	6.57e-02	0.40	1.01
6	1	579	2.30	-2.37	-1.51	1.45	1.81	1.22	-0.71	0.13	0.39	0.96
6	1	580	2.64	-2.28	-0.70	1.06	2.29	1.17	-0.61	0.21	0.35	0.89
6	1	581	3.31	-2.18	0.40	0.73	2.74	1.08	-0.50	0.30	0.28	0.79
6	1	582	4.37	-2.11	1.81	0.45	3.17	0.97	-0.39	0.40	0.18	0.67
6	1	583	5.81	-2.06	3.55	0.20	3.56	0.84	-0.28	0.50	4.98e-02	0.51
6	1	584	7.64	-2.02	5.63	-1.48e-02	3.92	0.73	-0.23	0.62	-0.11	0.31
6	1	585	9.84	-1.97	8.06	-0.19	4.22	0.74	-0.29	0.74	-0.29	7.04e-02
6	1	586	12.39	-1.87	10.84	-0.32	4.45	0.91	-0.51	0.87	-0.47	-0.22
6	1	587	15.29	-1.72	13.97	-0.39	4.55	1.20	-0.82	1.02	-0.64	-0.58
6	1	588	18.49	-1.47	17.43	-0.41	4.48	1.62	-1.17	1.20	-0.75	-1.01
6	1	589	21.97	-1.12	21.19	-0.34	4.18	2.20	-1.53	1.42	-0.75	-1.52
6	1	590	25.70	-0.71	25.21	-0.21	3.58	3.00	-1.87	1.72	-0.59	-2.14
6	1	591	29.29	-0.80	28.98	-0.49	3.03	3.94	-2.52	1.99	-0.56	-2.97
6	1	592	5.59	-1.10	-0.50	5.00	-1.91	0.63	-1.13	-0.24	-0.26	0.88
6	1	593	4.02	-1.31	-1.12	3.83	-0.99	0.52	-1.42	-0.31	-0.59	0.96
6	1	594	2.96	-1.67	-1.66	2.96	-0.17	0.43	-1.58	-0.38	-0.78	0.99
6	1	595	2.33	-2.06	-1.99	2.27	0.54	0.32	-1.72	-0.44	-0.97	0.99
6	1	596	2.04	-2.41	-2.08	1.71	1.17	0.20	-1.84	-0.49	-1.16	0.97
6	1	597	1.99	-2.67	-1.93	1.25	1.71	8.75e-02	-1.94	-0.52	-1.34	0.93
6	1	598	2.16	-2.82	-1.52	0.86	2.19	-2.26e-02	-2.02	-0.53	-1.52	0.87
6	1	599	2.53	-2.84	-0.84	0.53	2.60	-0.13	-2.09	-0.52	-1.70	0.79
6	1	600	3.13	-2.78	9.59e-02	0.25	2.96	-0.22	-2.15	-0.50	-1.86	0.68
6	1	601	3.98	-2.66	1.30	1.94e-02	3.26	-0.28	-2.19	-0.46	-2.02	0.55
6	1	602	5.10	-2.50	2.77	-0.17	3.51	-0.32	-2.24	-0.40	-2.16	0.38
6	1	603	6.51	-2.30	4.51	-0.31	3.69	-0.30	-2.29	-0.32	-2.27	0.18
6	1	604	8.18	-2.06	6.51	-0.39	3.79	-0.22	-2.35	-0.22	-2.35	-4.92e-02
6	1	605	10.11	-1.76	8.74	-0.40	3.79	-6.13e-02	-2.41	-0.11	-2.37	-0.32
6	1	606	12.26	-1.39	11.18	-0.31	3.67	0.20	-2.47	4.02e-02	-2.32	-0.63
6	1	607	14.57	-0.91	13.78	-0.12	3.40	0.57	-2.51	0.22	-2.16	-0.98
6	1	608	16.97	-0.33	16.45	0.19	2.96	1.06	-2.49	0.43	-1.86	-1.36
6	1	609	19.34	0.31	19.05	0.60	2.34	1.68	-2.37	0.67	-1.35	-1.75
6	1	610	21.57	1.05	21.48	1.13	1.34	2.47	-1.86	1.00	-0.40	-2.05
6	1	611	4.66	-0.55	0.19	3.93	-1.81	0.58	-1.04	-0.18	-0.29	0.81
6	1	612	3.24	-1.35	-1.17	3.06	-0.90	0.41	-1.18	-0.27	-0.50	0.79
6	1	613	2.31	-1.88	-1.87	2.30	-0.12	0.17	-1.46	-0.41	-0.88	0.78
6	1	614	1.79	-2.37	-2.30	1.72	0.54	-5.86e-02	-1.77	-0.55	-1.28	0.78
6	1	615	1.54	-2.78	-2.48	1.25	1.08	-0.27	-2.08	-0.68	-1.67	0.76
6	1	616	1.47	-3.02	-2.42	0.86	1.53	-0.46	-2.37	-0.79	-2.04	0.72
6	1	617	1.53	-3.10	-2.11	0.54	1.89	-0.62	-2.64	-0.88	-2.39	0.67
6	1	618	1.72	-3.02	-1.57	0.27	2.18	-0.75	-2.89	-0.94	-2.71	0.60
6	1	619	2.06	-2.81	-0.80	4.77e-02	2.40	-0.86	-3.11	-0.98	-2.98	0.51
6	1	620	2.59	-2.53	0.19	-0.13	2.55	-0.93	-3.28	-1.00	-3.21	0.40
6	1	621	3.34	-2.20	1.40	-0.26	2.64	-0.95	-3.40	-0.98	-3.38	0.27
6	1	622	4.33	-1.86	2.80	-0.34	2.67	-0.94	-3.47	-0.94	-3.47	0.10
6	1	623	5.56	-1.52	4.38	-0.34	2.63	-0.86	-3.48	-0.86	-3.48	-8.08e-02
6	1	624	7.00	-1.14	6.12	-0.25	2.53	-0.72	-3.42	-0.75	-3.39	-0.29
6	1	625	8.59	-0.70	7.95	-6.11e-02	2.36	-0.50	-3.28	-0.60	-3.18	-0.52
6	1	626	10.28	-0.19	9.83	0.26	2.11	-0.18	-3.07	-0.40	-2.84	-0.78
6	1	627	11.97	0.41	11.68	0.70	1.81	0.26	-2.78	-0.16	-2.36	-1.05
6	1	628	13.59	1.02	13.42	1.19	1.45	0.84	-2.44	0.13	-1.73	-1.35
6	1	629	15.27	1.30	15.16	1.41	1.23	1.57	-2.25	0.42	-1.10	-1.75
6	1	630	3.73	-1.14	-0.52	3.12	-1.62	0.10	-0.76	-0.20	-0.46	0.41



6	1	631	2.26	-1.21	-1.06	2.11	-0.70	-0.17	-1.31	-0.40	-1.08	0.46
6	1	632	1.50	-1.84	-1.84	1.50	4.91e-02	-0.40	-1.76	-0.60	-1.56	0.48
6	1	633	1.17	-2.52	-2.40	1.05	0.64	-0.62	-2.18	-0.78	-2.02	0.48
6	1	634	1.03	-3.04	-2.71	0.70	1.11	-0.81	-2.59	-0.94	-2.46	0.47
6	1	635	1.00	-3.36	-2.79	0.42	1.48	-0.96	-2.97	-1.07	-2.86	0.46
6	1	636	1.03	-3.47	-2.64	0.20	1.75	-1.10	-3.30	-1.18	-3.21	0.43
6	1	637	1.12	-3.38	-2.28	1.13e-02	1.94	-1.20	-3.58	-1.26	-3.51	0.39
6	1	638	1.27	-3.13	-1.72	-0.14	2.05	-1.27	-3.80	-1.32	-3.75	0.34
6	1	639	1.52	-2.75	-0.99	-0.24	2.10	-1.31	-3.95	-1.34	-3.92	0.28
6	1	640	1.90	-2.29	-8.07e-02	-0.31	2.09	-1.32	-4.01	-1.33	-4.00	0.19
6	1	641	2.46	-1.80	0.98	-0.32	2.03	-1.28	-4.00	-1.28	-4.00	9.34e-02
6	1	642	3.22	-1.32	2.17	-0.27	1.92	-1.20	-3.89	-1.20	-3.89	-2.40e-02
6	1	643	4.20	-0.86	3.47	-0.14	1.78	-1.07	-3.69	-1.08	-3.68	-0.16
6	1	644	5.33	-0.40	4.83	9.29e-02	1.61	-0.87	-3.39	-0.91	-3.35	-0.31
6	1	645	6.56	8.44e-02	6.22	0.43	1.46	-0.60	-3.01	-0.70	-2.91	-0.47
6	1	646	7.81	0.61	7.56	0.86	1.33	-0.25	-2.54	-0.44	-2.35	-0.64
6	1	647	8.97	1.13	8.76	1.34	1.28	0.18	-1.99	-0.15	-1.66	-0.79
6	1	648	9.64	1.63	9.44	1.83	1.26	0.73	-1.24	0.21	-0.71	-0.87
6	1	649	2.70	-0.40	0.43	1.87	-1.37	-6.55e-02	-0.44	-0.14	-0.37	0.15
6	1	650	1.49	-1.63	-1.54	1.40	-0.51	-0.28	-0.72	-0.31	-0.69	0.12
6	1	651	0.97	-2.49	-2.48	0.96	0.15	-0.49	-1.25	-0.51	-1.23	0.12
6	1	652	0.75	-3.22	-3.11	0.65	0.65	-0.69	-1.79	-0.71	-1.78	0.13
6	1	653	0.65	-3.74	-3.49	0.40	1.00	-0.87	-2.30	-0.89	-2.28	0.15
6	1	654	0.58	-4.02	-3.66	0.21	1.25	-1.02	-2.75	-1.04	-2.73	0.17
6	1	655	0.54	-4.10	-3.63	6.60e-02	1.40	-1.15	-3.13	-1.17	-3.11	0.19
6	1	656	0.50	-3.98	-3.42	-4.92e-02	1.47	-1.24	-3.43	-1.26	-3.42	0.20
6	1	657	0.49	-3.68	-3.06	-0.13	1.48	-1.30	-3.65	-1.32	-3.64	0.20
6	1	658	0.50	-3.24	-2.56	-0.18	1.44	-1.33	-3.78	-1.35	-3.76	0.20
6	1	659	0.55	-2.67	-1.93	-0.20	1.36	-1.33	-3.80	-1.34	-3.79	0.18
6	1	660	0.67	-2.03	-1.18	-0.17	1.25	-1.28	-3.72	-1.29	-3.71	0.16
6	1	661	0.93	-1.36	-0.34	-8.99e-02	1.14	-1.20	-3.51	-1.20	-3.51	0.12
6	1	662	1.39	-0.76	0.58	5.36e-02	1.05	-1.07	-3.19	-1.07	-3.19	6.51e-02
6	1	663	2.10	-0.28	1.56	0.27	1.00	-0.89	-2.76	-0.89	-2.76	-4.16e-03
6	1	664	3.02	0.13	2.58	0.56	1.04	-0.66	-2.21	-0.67	-2.21	-9.09e-02
6	1	665	4.06	0.47	3.61	0.92	1.19	-0.37	-1.61	-0.41	-1.57	-0.20
6	1	666	5.25	0.75	4.70	1.29	1.47	-1.03e-02	-1.05	-0.14	-0.92	-0.34
6	1	667	6.95	0.79	6.31	1.43	1.87	0.42	-0.80	9.82e-02	-0.48	-0.54
6	1	668	1.53	-1.53	-1.15	1.15	-1.01	-0.16	-0.52	-0.28	-0.41	-0.17
6	1	669	0.62	-2.05	-2.03	0.60	-0.20	-0.31	-1.03	-0.38	-0.96	-0.21
6	1	670	0.39	-3.04	-3.00	0.35	0.35	-0.44	-1.34	-0.49	-1.30	-0.19
6	1	671	0.34	-3.88	-3.74	0.20	0.74	-0.58	-1.62	-0.61	-1.59	-0.16
6	1	672	0.32	-4.47	-4.25	9.74e-02	1.00	-0.70	-1.88	-0.72	-1.87	-0.12
6	1	673	0.29	-4.82	-4.55	2.10e-02	1.14	-0.81	-2.14	-0.81	-2.13	-6.65e-02
6	1	674	0.26	-4.95	-4.66	-3.68e-02	1.20	-0.89	-2.37	-0.89	-2.37	-1.35e-02
6	1	675	0.21	-4.91	-4.62	-7.96e-02	1.18	-0.96	-2.57	-0.96	-2.57	3.98e-02
6	1	676	0.16	-4.70	-4.43	-0.11	1.12	-1.01	-2.73	-1.01	-2.73	9.16e-02
6	1	677	0.12	-4.36	-4.12	-0.12	1.01	-1.04	-2.86	-1.05	-2.85	0.14
6	1	678	8.61e-02	-3.91	-3.70	-0.12	0.88	-1.04	-2.93	-1.06	-2.92	0.18
6	1	679	7.76e-02	-3.36	-3.18	-9.87e-02	0.76	-1.03	-2.95	-1.06	-2.93	0.22
6	1	680	0.11	-2.73	-2.56	-5.35e-02	0.66	-0.99	-2.91	-1.03	-2.88	0.25
6	1	681	0.20	-2.04	-1.86	2.05e-02	0.61	-0.93	-2.80	-0.97	-2.76	0.26
6	1	682	0.42	-1.34	-1.05	0.13	0.65	-0.85	-2.60	-0.88	-2.56	0.26
6	1	683	0.91	-0.80	-0.16	0.28	0.83	-0.73	-2.33	-0.77	-2.29	0.24
6	1	684	1.82	-0.53	0.83	0.47	1.16	-0.60	-1.96	-0.63	-1.93	0.19
6	1	685	3.03	-0.47	1.86	0.70	1.66	-0.46	-1.46	-0.47	-1.45	0.10
6	1	686	4.34	-0.52	2.69	1.13	2.30	-0.25	-0.66	-0.26	-0.65	-5.76e-02
6	1	687	0.14	-1.87	-1.84	9.90e-02	0.27	0.16	-0.83	-0.24	-0.44	-0.49
6	1	688	0.28	-3.33	-3.09	4.71e-02	0.90	9.42e-02	-0.61	-0.17	-0.35	-0.34
6	1	689	0.35	-4.46	-4.12	-3.64e-04	1.24	5.18e-02	-0.57	-0.17	-0.34	-0.30
6	1	690	0.37	-5.26	-4.89	-3.10e-03	1.40	-4.97e-03	-0.57	-0.19	-0.38	-0.27
6	1	691	0.36	-5.80	-5.45	2.89e-03	1.43	-8.23e-02	-0.58	-0.22	-0.44	-0.23
6	1	692	0.33	-6.14	-5.82	1.15e-02	1.39	-0.17	-0.61	-0.26	-0.52	-0.18
6	1	693	0.28	-6.29	-6.03	2.11e-02	1.29	-0.26	-0.66	-0.30	-0.62	-0.12
6	1	694	0.23	-6.31	-6.11	3.10e-02	1.14	-0.32	-0.74	-0.33	-0.73	-6.21e-02
6	1	695	0.18	-6.21	-6.07	4.09e-02	0.95	-0.37	-0.85	-0.37	-0.85	-1.36e-03
6	1	696	0.14	-6.02	-5.93	5.06e-02	0.73	-0.41	-0.98	-0.41	-0.97	5.94e-02
6	1	697	0.10	-5.75	-5.71	5.99e-02	0.51	-0.43	-1.12	-0.45	-1.10	0.12
6	1	698	8.39e-02	-5.41	-5.40	6.84e-02	0.29	-0.45	-1.26	-0.48	-1.22	0.18
6	1	699	7.77e-02	-5.00	-5.00	7.59e-02	9.62e-02	-0.46	-1.39	-0.51	-1.34	0.23
6	1	700	8.27e-02	-4.51	-4.51	8.21e-02	-5.12e-02	-0.46	-1.51	-0.54	-1.43	0.27
6	1	701	9.08e-02	-3.90	-3.90	8.70e-02	-0.12	-0.46	-1.59	-0.55	-1.49	0.31
6	1	702	9.41e-02	-3.14	-3.14	9.21e-02	-8.15e-02	-0.44	-1.61	-0.55	-1.51	0.33
6	1	703	0.11	-2.18	-2.18	0.10	0.12	-0.41	-1.58	-0.53	-1.47	0.35
6	1	704	0.38	-1.22	-1.00	0.17	0.54	-0.36	-1.50	-0.51	-1.36	0.38
6	1	705	1.40	-1.00	0.24	0.16	1.20	-0.24	-1.45	-0.52	-1.17	0.51
6	1	1017	40.58	7.69	7.95	40.31	2.92	1.01	-0.36	7.40e-02	0.58	0.64
6	1	1018	38.56	11.97	12.08	38.44	1.74	0.73	-0.73	-8.05e-03	1.21e-02	0.73



6	1	1019	29.65	6.85	7.56	28.94	3.96	1.26	-0.33	0.21	0.72	0.75
6	1	1020	29.04	8.80	8.87	28.97	1.22	0.64	-0.63	-1.67e-02	2.83e-02	0.64
6	1	1021	21.66	4.41	5.45	20.62	4.11	1.62	-0.17	0.32	1.13	0.79
6	1	1022	20.69	6.24	6.35	20.58	1.25	0.60	-0.60	-4.48e-03	4.56e-03	0.60
6	1	1023	14.87	1.77	3.08	13.57	3.93	1.94	2.14e-02	0.40	1.56	0.77
6	1	1024	13.53	4.01	4.18	13.35	1.27	0.57	-0.57	-5.21e-04	-2.27e-03	0.57
6	1	1025	8.95	-0.68	0.84	7.42	3.52	2.25	0.20	0.48	1.97	0.70
6	1	1026	7.33	2.03	2.31	7.05	1.19	0.51	-0.52	4.41e-04	-4.88e-03	0.52
6	1	1027	3.89	-2.83	-1.08	2.14	2.95	2.51	0.36	0.55	2.33	0.60
6	1	1028	2.32	5.42e-02	0.72	1.65	1.03	0.44	-0.45	7.77e-04	-6.74e-03	0.44
6	1	1029	-9.85e-02	-4.68	-2.61	-2.18	2.28	2.73	0.50	0.61	2.63	0.47
6	1	1030	-0.28	-3.00	-0.56	-2.72	0.83	0.35	-0.35	9.42e-04	-8.22e-03	0.35
6	1	1031	-2.74	-6.31	-3.69	-5.35	1.58	2.90	0.60	0.65	2.85	0.33
6	1	1032	-1.41	-6.00	-1.49	-5.91	0.61	0.24	-0.25	1.01e-03	-9.21e-03	0.24
6	1	1033	-4.11	-7.43	-4.35	-7.19	0.86	3.00	0.67	0.68	2.98	0.17
6	1	1034	-2.01	-7.79	-2.03	-7.77	0.39	0.12	-0.13	1.04e-03	-9.74e-03	0.13
6	1	1035	-4.58	-7.57	-4.58	-7.57	0.12	3.03	0.69	0.69	3.03	5.08e-03
6	1	1036	-2.16	-8.20	-2.16	-8.19	0.15	3.19e-03	-1.21e-02	1.06e-03	-9.95e-03	5.30e-03
6	1	1037	-4.19	-6.70	-4.39	-6.50	-0.68	2.99	0.66	0.68	2.98	-0.16
6	1	1038	-1.88	-7.21	-1.88	-7.20	-0.15	0.11	-0.12	1.07e-03	-9.84e-03	-0.12
6	1	1039	-2.39	-5.49	-3.74	-4.13	-1.54	2.89	0.60	0.64	2.84	-0.32
6	1	1040	-1.15	-4.97	-1.22	-4.90	-0.51	0.23	-0.24	1.04e-03	-9.24e-03	-0.24
6	1	1041	0.95	-4.26	-2.62	-0.70	-2.42	2.72	0.49	0.60	2.62	-0.47
6	1	1042	0.26	-1.96	-0.22	-1.47	-0.92	0.35	-0.35	9.31e-04	-8.10e-03	-0.35
6	1	1043	5.28	-2.71	-1.03	3.60	-3.26	2.51	0.35	0.54	2.32	-0.61
6	1	1044	3.60	0.38	1.06	2.91	-1.32	0.44	-0.45	7.41e-04	-6.58e-03	-0.45
6	1	1045	10.28	-0.72	0.95	8.61	-3.94	2.24	0.19	0.47	1.96	-0.71
6	1	1046	8.55	2.15	2.59	8.10	-1.63	0.52	-0.53	4.15e-04	-4.80e-03	-0.53
6	1	1047	15.84	1.68	3.22	14.30	-4.40	1.94	4.21e-03	0.40	1.55	-0.78
6	1	1048	14.36	4.04	4.36	14.04	-1.81	0.58	-0.58	-4.95e-04	-2.25e-03	-0.58
6	1	1049	22.05	4.32	5.59	20.78	-4.58	1.62	-0.18	0.32	1.12	-0.81
6	1	1050	20.99	6.15	6.38	20.76	-1.82	0.61	-0.61	-4.34e-03	4.57e-03	-0.61
6	1	1051	29.31	6.80	7.68	28.42	-4.38	1.27	-0.35	0.21	0.71	-0.77
6	1	1052	28.69	8.56	8.72	28.53	-1.78	0.65	-0.64	-1.63e-02	2.81e-02	-0.65
6	1	1053	39.29	7.77	8.11	38.95	-3.29	1.01	-0.36	8.30e-02	0.56	-0.64
6	1	1054	37.49	11.51	11.70	37.31	-2.19	0.74	-0.73	-8.39e-03	1.22e-02	-0.73
6	1	1055	34.50	8.60	8.62	34.48	0.58	2.75	-0.11	0.83	1.80	1.34
6	1	1056	28.26	5.34	6.02	27.58	3.89	3.61	0.23	0.97	2.87	1.40
6	1	1057	21.91	1.81	3.29	20.43	5.25	4.42	0.51	1.11	3.82	1.41
6	1	1058	15.95	-1.74	0.21	14.00	5.54	5.22	0.80	1.26	4.76	1.35
6	1	1059	10.31	-4.88	-2.84	8.28	5.18	5.98	1.07	1.40	5.64	1.23
6	1	1060	5.06	-7.36	-5.55	3.25	4.38	6.65	1.32	1.54	6.43	1.06
6	1	1061	0.43	-9.11	-7.73	-0.95	3.36	7.20	1.53	1.65	7.08	0.84
6	1	1062	-3.25	-10.15	-9.28	-4.11	2.28	7.62	1.68	1.74	7.56	0.58
6	1	1063	-5.62	-10.54	-10.22	-5.94	1.22	7.87	1.78	1.79	7.85	0.30
6	1	1064	-6.26	-10.56	-10.55	-6.26	0.15	7.95	1.81	1.81	7.95	5.84e-03
6	1	1065	-4.89	-10.47	-10.28	-5.08	-1.02	7.86	1.77	1.78	7.85	-0.29
6	1	1066	-1.92	-10.05	-9.33	-2.63	-2.31	7.61	1.66	1.72	7.55	-0.57
6	1	1067	2.13	-9.04	-7.69	0.78	-3.64	7.18	1.50	1.63	7.06	-0.84
6	1	1068	6.81	-7.30	-5.38	4.89	-4.83	6.63	1.29	1.51	6.41	-1.06
6	1	1069	11.81	-4.81	-2.54	9.55	-5.71	5.96	1.04	1.38	5.62	-1.24
6	1	1070	16.98	-1.64	0.60	14.74	-6.06	5.21	0.77	1.24	4.74	-1.37
6	1	1071	22.30	1.98	3.73	20.55	-5.71	4.41	0.49	1.10	3.80	-1.42
6	1	1072	27.88	5.65	6.51	27.02	-4.30	3.60	0.21	0.97	2.84	-1.41
6	1	1073	33.32	9.13	9.17	33.27	-1.03	2.73	-0.13	0.83	1.77	-1.35
6	1	1074	29.31	11.95	12.09	29.17	-1.54	3.36	-0.74	0.99	1.63	-2.03
6	1	1075	25.81	6.73	8.36	24.18	-5.33	4.52	-0.41	1.14	2.97	-2.29
6	1	1076	22.27	0.83	3.90	19.20	-7.52	5.70	3.89e-02	1.28	4.46	-2.34
6	1	1077	18.15	-4.47	-0.78	14.46	-8.35	6.87	0.51	1.45	5.93	-2.25
6	1	1078	13.55	-8.85	-5.38	10.08	-8.10	7.99	0.97	1.63	7.32	-2.05
6	1	1079	8.70	-12.23	-9.54	6.01	-7.00	9.00	1.38	1.81	8.57	-1.76
6	1	1080	3.91	-14.64	-12.96	2.23	-5.32	9.85	1.72	1.97	9.61	-1.39
6	1	1081	-0.36	-16.19	-15.43	-1.12	-3.39	10.50	1.99	2.10	10.39	-0.96
6	1	1082	-3.54	-17.03	-16.85	-3.71	-1.51	10.93	2.16	2.19	10.90	-0.49
6	1	1083	-5.06	-17.31	-17.31	-5.06	0.16	11.10	2.24	2.24	11.10	-7.09e-03
6	1	1084	-4.57	-17.11	-16.88	-4.80	1.67	11.02	2.21	2.24	10.99	0.47
6	1	1085	-2.15	-16.36	-15.60	-2.92	3.21	10.67	2.07	2.17	10.56	0.94
6	1	1086	1.79	-14.91	-13.38	0.26	4.82	10.08	1.82	2.06	9.84	1.37
6	1	1087	6.66	-12.60	-10.21	4.28	6.34	9.27	1.50	1.91	8.85	1.75
6	1	1088	11.90	-9.29	-6.22	8.84	7.45	8.27	1.10	1.74	7.64	2.04
6	1	1089	17.07	-4.94	-1.68	13.81	7.81	7.14	0.65	1.55	6.24	2.24
6	1	1090	21.86	0.35	3.02	19.19	7.09	5.93	0.16	1.36	4.73	2.34
6	1	1091	26.12	6.20	7.54	24.78	4.99	4.67	-0.33	1.18	3.17	2.29
6	1	1092	30.38	11.28	11.36	30.30	1.21	3.42	-0.72	0.98	1.72	2.04
6	1	1093	24.24	18.68	18.77	24.15	-0.69	5.44	-1.85	1.42	2.18	-3.63
6	1	1094	23.14	9.16	11.14	21.15	-4.88	6.76	-1.13	1.53	4.10	-3.73
6	1	1095	21.20	0.66	4.22	17.64	-7.78	8.32	-0.43	1.71	6.18	-3.76



6	1	1096	18.37	-6.80	-2.71	14.28	-9.29	9.98	0.29	1.92	8.35	-3.62
6	1	1097	14.78	-13.12	-9.40	11.07	-9.48	11.59	0.99	2.14	10.44	-3.29
6	1	1098	10.66	-18.26	-15.50	7.90	-8.50	13.03	1.62	2.36	12.29	-2.81
6	1	1099	6.31	-22.25	-20.61	4.67	-6.64	14.20	2.13	2.55	13.79	-2.21
6	1	1100	2.15	-25.09	-24.40	1.46	-4.29	15.10	2.52	2.71	14.91	-1.54
6	1	1101	-1.18	-26.84	-26.69	-1.33	-1.95	15.73	2.78	2.83	15.68	-0.82
6	1	1102	-2.96	-27.52	-27.52	-2.96	4.87e-02	16.04	2.90	2.90	16.04	-5.59e-02
6	1	1103	-2.63	-27.13	-27.00	-2.77	1.81	15.95	2.86	2.90	15.91	0.72
6	1	1104	-0.21	-25.68	-25.13	-0.76	3.68	15.45	2.66	2.83	15.28	1.45
6	1	1105	3.75	-23.12	-21.83	2.46	5.74	14.63	2.32	2.70	14.25	2.13
6	1	1106	8.45	-19.38	-17.10	6.17	7.64	13.55	1.86	2.54	12.87	2.74
6	1	1107	13.21	-14.38	-11.14	9.97	8.88	12.19	1.27	2.34	11.12	3.25
6	1	1108	17.52	-8.05	-4.34	13.81	9.00	10.59	0.56	2.10	9.05	3.62
6	1	1109	21.03	-0.43	2.85	17.75	7.72	8.86	-0.22	1.85	6.79	3.81
6	1	1110	23.58	8.31	10.09	21.80	4.90	7.17	-1.04	1.61	4.53	3.84
6	1	1111	25.31	17.88	17.94	25.25	0.64	5.71	-1.88	1.43	2.40	3.76
6	1	1112	24.88	19.53	23.86	20.55	2.11	6.39	-2.44	2.17	1.77	4.41
6	1	1113	24.04	8.78	15.38	17.45	7.56	7.26	-3.09	1.50	2.67	5.14
6	1	1114	22.34	-1.88	5.38	15.08	11.10	8.15	-3.04	1.03	4.08	5.38
6	1	1115	19.58	-11.42	-4.60	12.75	12.84	9.10	-2.56	0.73	5.82	5.25
6	1	1116	15.87	-19.70	-14.23	10.40	12.83	10.21	-1.77	0.63	7.81	4.79
6	1	1117	11.42	-26.67	-23.02	7.77	11.21	11.42	-0.84	0.72	9.86	4.08
6	1	1118	6.57	-32.18	-30.27	4.66	8.39	12.55	1.24e-02	0.89	11.68	3.20
6	1	1119	2.06	-36.04	-35.32	1.34	5.18	13.41	0.61	0.99	13.03	2.18
6	1	1120	-0.88	-38.15	-38.00	-1.03	2.32	13.87	0.91	0.99	13.79	1.01
6	1	1121	-1.15	-38.58	-38.58	-1.16	-0.26	13.81	0.93	0.94	13.81	-0.21
6	1	1122	1.23	-37.33	-37.05	0.96	-3.25	13.25	0.69	0.85	13.10	-1.40
6	1	1123	5.17	-34.33	-33.15	3.99	-6.73	12.31	0.13	0.65	11.79	-2.46
6	1	1124	9.49	-29.76	-27.04	6.77	-9.97	11.11	-0.70	0.39	10.02	-3.42
6	1	1125	13.56	-23.89	-19.36	9.03	-12.21	9.88	-1.62	0.22	8.03	-4.22
6	1	1126	17.09	-16.94	-10.80	10.95	-13.08	8.80	-2.46	0.24	6.10	-4.81
6	1	1127	19.96	-8.97	-1.82	12.81	-12.48	7.93	-3.05	0.46	4.42	-5.12
6	1	1128	22.07	1.38e-02	7.32	14.77	-10.38	7.21	-3.30	0.86	3.05	-5.14
6	1	1129	23.42	9.86	16.43	16.85	-6.78	6.57	-3.12	1.41	2.03	-4.84
6	1	1130	24.63	19.21	24.13	19.71	-1.56	5.93	-2.29	2.15	1.49	-4.10
6	1	1131	37.88	13.34	37.86	13.37	-0.85	7.19	-4.28	2.34	0.57	5.67
6	1	1132	22.93	11.45	21.19	13.19	4.12	7.29	-5.06	1.34	0.89	6.17
6	1	1133	18.46	1.73	7.73	12.47	8.02	7.64	-5.68	0.40	1.55	6.63
6	1	1134	16.98	-10.43	-5.48	12.02	10.55	8.36	-5.80	-0.36	2.92	6.89
6	1	1135	15.53	-22.54	-18.64	11.63	11.55	9.63	-5.25	-0.82	5.21	6.80
6	1	1136	13.54	-34.11	-31.48	10.92	10.87	11.45	-4.04	-0.92	8.34	6.21
6	1	1137	10.55	-44.38	-43.05	9.21	8.47	13.29	-2.45	-0.72	11.56	4.92
6	1	1138	6.45	-51.96	-51.53	6.02	5.00	14.19	-1.30	-0.68	13.57	3.03
6	1	1139	2.96	-55.88	-55.82	2.89	1.98	14.25	-1.06	-0.97	14.15	1.18
6	1	1140	2.83	-56.44	-56.44	2.83	-0.41	14.07	-1.08	-1.07	14.06	-0.41
6	1	1141	6.04	-53.63	-53.42	5.83	-3.54	13.64	-1.32	-0.97	13.29	-2.27
6	1	1142	9.82	-47.16	-46.22	8.88	-7.25	12.40	-2.49	-1.19	11.11	-4.20
6	1	1143	12.52	-38.08	-36.00	10.44	-10.06	10.32	-4.16	-1.58	7.73	-5.55
6	1	1144	14.29	-27.86	-24.56	10.99	-11.32	8.35	-5.52	-1.65	4.48	-6.22
6	1	1145	15.57	-17.25	-12.90	11.22	-11.13	7.03	-6.27	-1.34	2.11	-6.42
6	1	1146	16.67	-6.52	-1.33	11.48	-9.67	6.35	-6.33	-0.68	0.70	-6.30
6	1	1147	18.15	3.99	10.20	11.94	-7.03	6.13	-5.78	0.23	0.12	-5.95
6	1	1148	23.08	11.66	22.04	12.70	-3.29	6.19	-4.81	1.25	0.12	-5.47
6	1	1149	37.13	12.85	37.06	12.92	1.31	6.40	-3.78	2.32	0.31	-4.99
6	1	1150	39.62	9.69	39.43	9.88	-2.36	6.39	-3.11	3.96	-0.68	4.14
6	1	1151	27.77	7.77	27.32	8.22	2.96	4.33	-7.62	1.10	-4.39	5.31
6	1	1152	18.18	3.21	12.86	8.53	7.17	2.24	-11.67	-1.50	-7.94	6.17
6	1	1153	15.60	-7.86	-1.34	9.07	10.51	-7.05e-02	-15.56	-4.15	-11.48	6.82
6	1	1154	15.24	-21.09	-15.61	9.76	13.00	-2.60	-19.17	-6.86	-14.91	7.24
6	1	1155	15.01	-35.07	-30.55	10.49	14.35	-5.43	-22.06	-9.70	-17.78	7.27
6	1	1156	13.94	-49.79	-46.72	10.87	13.63	-8.61	-23.02	-12.62	-19.01	6.45
6	1	1157	10.48	-64.09	-62.96	9.34	9.13	-11.43	-20.71	-13.68	-18.47	3.98
6	1	1158	4.92	-71.50	-71.37	4.79	3.14	-11.98	-16.95	-12.31	-16.62	1.25
6	1	1159	4.83	-72.07	-72.02	4.78	-1.97	-12.36	-16.93	-12.46	-16.84	-0.66
6	1	1160	10.17	-65.78	-64.92	9.30	-8.05	-12.39	-20.83	-14.10	-19.12	-3.40
6	1	1161	13.37	-52.62	-50.06	10.82	-12.73	-9.91	-23.50	-13.33	-20.08	-5.90
6	1	1162	14.25	-39.17	-35.36	10.44	-13.74	-6.98	-22.97	-10.70	-19.25	-6.75
6	1	1163	14.27	-26.58	-22.05	9.74	-12.83	-4.41	-20.46	-8.13	-16.74	-6.78
6	1	1164	14.15	-14.66	-9.62	9.11	-10.95	-2.10	-17.22	-5.70	-13.62	-6.44
6	1	1165	14.52	-3.44	2.46	8.63	-8.44	3.30e-02	-13.70	-3.33	-10.34	-5.91
6	1	1166	17.70	5.28	14.66	8.32	-5.34	2.03	-10.10	-1.00	-7.07	-5.25
6	1	1167	27.33	8.10	27.20	8.23	-1.58	3.88	-6.44	1.30	-3.86	-4.47
6	1	1168	37.99	9.61	37.66	9.94	3.05	5.73	-2.46	3.83	-0.55	-3.46
6	1	1169	55.01	1.82	54.42	2.41	-5.54	3.86	-3.60	3.41	-3.15	1.78
6	1	1170	32.48	4.06	32.27	4.26	-2.39	0.67	-9.19	0.26	-8.78	1.96
6	1	1171	16.87	5.08	16.86	5.08	0.10	-3.04	-16.56	-3.41	-16.19	2.19
6	1	1172	6.95	1.89	2.75	6.08	1.91	-7.32	-25.30	-7.64	-24.98	2.40



6	1	1173	7.70	-11.82	-11.36	7.24	2.98	-12.04	-35.14	-12.34	-34.83	2.62
6	1	1174	9.04	-27.11	-26.82	8.75	3.26	-17.16	-45.82	-17.49	-45.50	3.03
6	1	1175	11.16	-46.11	-45.99	11.04	2.69	-22.27	-56.62	-22.86	-56.03	4.46
6	1	1176	15.46	-75.75	-75.72	15.42	1.81	-22.29	-60.28	-25.29	-57.28	10.24
6	1	1177	21.23	-120.81	-120.80	21.23	0.80	-22.41	-40.03	-26.59	-35.85	7.49
6	1	1178	21.25	-121.45	-121.44	21.25	-0.46	-22.82	-40.17	-26.78	-36.20	-7.28
6	1	1179	15.51	-77.69	-77.66	15.48	-1.54	-23.01	-61.19	-25.86	-58.34	-10.04
6	1	1180	11.27	-49.42	-49.31	11.16	-2.58	-23.27	-58.30	-23.80	-57.77	-4.26
6	1	1181	9.26	-31.93	-31.65	8.97	-3.40	-18.53	-48.19	-18.80	-47.91	-2.84
6	1	1182	8.07	-18.37	-17.91	7.61	-3.46	-13.78	-38.12	-14.03	-37.87	-2.45
6	1	1183	7.27	-6.43	-5.82	6.66	-2.83	-9.42	-28.84	-9.68	-28.57	-2.26
6	1	1184	7.48	4.25	5.82	5.91	-1.61	-5.45	-20.52	-5.75	-20.23	-2.09
6	1	1185	17.85	5.25	17.85	5.25	0.18	-1.90	-13.26	-2.22	-12.93	-1.89
6	1	1186	31.43	4.51	31.19	4.76	2.55	1.16	-7.22	0.81	-6.87	-1.68
6	1	1187	51.15	2.72	50.52	3.35	5.49	3.81	-2.67	3.43	-2.30	-1.51
6	1	1188	45.29	1.46	43.69	3.05	-8.20	4.96	-2.17	4.53	-1.73	-1.71
6	1	1189	32.33	0.83	30.65	2.51	-7.08	1.46	-7.86	0.91	-7.32	-2.19
6	1	1190	17.95	1.25	15.00	4.19	-6.36	-1.84	-13.60	-2.45	-12.99	-2.61
6	1	1191	9.79	-3.96	-0.28	6.10	-6.09	-5.31	-19.67	-5.97	-19.01	-2.99
6	1	1192	9.72	-17.33	-15.82	8.21	-6.22	-8.91	-26.10	-9.57	-25.43	-3.32
6	1	1193	11.48	-33.67	-32.71	10.53	-6.50	-12.40	-32.88	-13.03	-32.25	-3.53
6	1	1194	13.34	-52.75	-52.14	12.74	-6.30	-14.31	-40.69	-14.79	-40.21	-3.52
6	1	1195	12.30	-72.49	-72.29	12.09	-4.14	-8.55	-59.36	-8.76	-59.15	-3.22
6	1	1196	6.80	-83.04	-83.02	6.78	-1.28	-77.67	-139.32	-77.71	-139.28	-1.55
6	1	1197	6.84	-83.69	-83.68	6.84	0.80	-77.85	-139.60	-77.88	-139.58	1.33
6	1	1198	12.43	-74.45	-74.31	12.28	3.60	-9.10	-60.22	-9.27	-60.04	3.01
6	1	1199	13.54	-56.05	-55.59	13.08	5.65	-15.23	-42.09	-15.65	-41.68	3.31
6	1	1200	11.71	-38.38	-37.72	11.05	5.69	-13.69	-34.80	-14.23	-34.27	3.33
6	1	1201	9.81	-23.44	-22.61	8.98	5.19	-10.55	-28.52	-11.12	-27.95	3.14
6	1	1202	8.49	-10.46	-9.14	7.16	4.83	-7.31	-22.53	-7.86	-21.98	2.84
6	1	1203	9.54	-0.30	3.68	5.57	4.83	-4.18	-16.84	-4.69	-16.33	2.49
6	1	1204	18.54	2.20	16.61	4.13	5.27	-1.20	-11.53	-1.66	-11.07	2.13
6	1	1205	31.38	1.56	30.05	2.89	6.17	1.64	-6.56	1.24	-6.16	1.77
6	1	1206	42.63	2.20	41.19	3.64	7.49	4.67	-1.70	4.36	-1.38	1.38
6	1	1207	50.49	-2.73	48.36	-0.60	-10.43	5.64	-4.36	2.90	-1.62	-4.46
6	1	1208	30.91	-1.49	27.27	2.15	-10.24	3.79	-7.42	0.71	-4.34	-5.01
6	1	1209	18.81	-3.14	11.70	3.98	-10.28	1.64	-10.96	-1.66	-7.66	-5.54
6	1	1210	12.59	-9.73	-3.08	5.95	-10.20	-0.72	-14.49	-4.17	-11.04	-5.97
6	1	1211	11.18	-21.19	-17.92	7.92	-9.75	-3.09	-17.67	-6.66	-14.10	-6.27
6	1	1212	11.36	-35.01	-33.36	9.71	-8.58	-5.24	-20.39	-9.07	-16.57	-6.58
6	1	1213	11.60	-50.64	-49.99	10.95	-6.31	-6.26	-22.92	-11.31	-17.87	-7.66
6	1	1214	11.69	-69.81	-69.65	11.53	-3.62	2.39	-22.92	-10.57	-9.96	-12.65
6	1	1215	11.88	-88.07	-88.05	11.86	-1.47	25.53	-4.60	-1.95	22.89	-8.52
6	1	1216	11.94	-88.70	-88.70	11.94	0.34	24.96	-4.44	-2.11	22.63	7.94
6	1	1217	11.84	-71.68	-71.61	11.77	2.47	1.21	-22.95	-11.03	-10.72	12.08
6	1	1218	11.76	-53.73	-53.33	11.36	5.10	-7.66	-23.53	-12.07	-19.11	7.11
6	1	1219	11.40	-39.27	-38.19	10.32	7.31	-6.89	-21.52	-10.13	-18.28	6.07
6	1	1220	10.79	-26.43	-24.40	8.77	8.44	-5.00	-19.25	-8.02	-16.23	5.82
6	1	1221	10.64	-15.03	-11.46	7.07	8.88	-2.87	-16.47	-5.81	-13.54	5.59
6	1	1222	12.49	-6.01	1.09	5.40	9.00	-0.68	-13.26	-3.51	-10.42	5.26
6	1	1223	19.06	-1.53	13.74	3.79	9.02	1.48	-9.80	-1.22	-7.11	4.81
6	1	1224	30.21	-0.62	27.24	2.35	9.09	3.43	-6.45	0.93	-3.94	4.30
6	1	1225	47.75	-1.84	45.87	4.94e-02	9.48	5.13	-3.59	2.90	-1.36	3.80
6	1	1226	36.65	-2.65	31.71	2.29	-13.03	7.00	-3.29	3.07	0.64	-5.00
6	1	1227	28.60	-5.44	20.48	2.67	-14.50	6.53	-5.64	1.35	-0.47	-6.02
6	1	1228	21.10	-9.66	7.18	4.26	-15.31	6.01	-7.22	-0.13	-1.08	-6.60
6	1	1229	16.55	-16.68	-5.92	5.78	-15.55	5.41	-8.25	-1.50	-1.35	-6.83
6	1	1230	14.01	-25.69	-18.71	7.03	-15.11	4.78	-8.72	-2.73	-1.20	-6.71
6	1	1231	12.07	-35.49	-31.13	7.71	-13.73	4.28	-8.50	-3.90	-0.32	-6.14
6	1	1232	9.67	-45.14	-42.82	7.35	-11.04	4.58	-7.28	-4.86	2.16	-4.77
6	1	1233	6.28	-53.30	-52.48	5.46	-6.95	6.53	-4.07	-3.71	6.17	-1.93
6	1	1234	3.18	-58.05	-57.92	3.05	-2.75	9.24	-0.52	-0.52	9.23	-0.22
6	1	1235	3.16	-58.57	-58.56	3.15	0.94	9.17	-0.65	-0.62	9.13	-0.59
6	1	1236	6.17	-54.83	-54.40	5.73	5.13	6.00	-4.14	-4.01	5.87	1.14
6	1	1237	9.34	-47.59	-46.06	7.81	9.20	3.51	-7.18	-5.35	1.68	4.02
6	1	1238	11.37	-38.76	-35.76	8.37	11.89	2.96	-8.51	-4.57	-0.97	5.45
6	1	1239	12.63	-29.55	-24.82	7.90	13.31	3.36	-8.94	-3.59	-1.99	6.10
6	1	1240	13.85	-20.61	-13.62	6.85	13.86	3.95	-8.74	-2.54	-2.25	6.34
6	1	1241	16.03	-12.75	-2.24	5.52	13.86	4.58	-7.99	-1.36	-2.06	6.28
6	1	1242	20.46	-7.01	9.36	4.08	13.48	5.21	-6.79	-4.40e-02	-1.54	5.95
6	1	1243	27.70	-3.86	21.18	2.66	12.78	5.78	-5.15	1.37	-0.74	5.36
6	1	1244	35.25	-1.71	31.11	2.44	11.67	6.33	-2.84	3.01	0.48	4.41
6	1	1245	31.31	-2.56	26.77	1.98	-11.54	6.71	-3.30	1.77	1.64	-5.01
6	1	1246	21.51	-4.27	13.46	3.78	-11.95	8.01	-2.85	1.59	3.58	-5.34
6	1	1247	15.69	-8.72	2.07	4.91	-12.12	9.59	-2.28	1.50	5.81	-5.53
6	1	1248	12.33	-15.47	-9.04	5.91	-11.72	11.45	-1.51	1.51	8.42	-5.48
6	1	1249	10.24	-23.38	-19.63	6.50	-10.58	13.51	-0.52	1.66	11.33	-5.09



6	1	1250	8.35	-31.16	-29.15	6.34	-8.69	15.56	0.60	1.94	14.22	-4.28
6	1	1251	5.98	-37.66	-36.76	5.08	-6.20	16.86	1.59	2.18	16.27	-2.95
6	1	1252	3.17	-41.86	-41.56	2.87	-3.65	16.43	1.81	1.95	16.29	-1.42
6	1	1253	1.05	-43.78	-43.72	0.98	-1.69	15.03	1.31	1.33	15.01	-0.55
6	1	1254	1.07	-44.32	-44.32	1.07	-0.13	15.06	1.29	1.29	15.05	-0.26
6	1	1255	3.22	-43.44	-43.37	3.14	1.85	16.46	1.80	1.83	16.43	0.64
6	1	1256	5.97	-40.22	-39.78	5.53	4.45	16.84	1.65	1.98	16.51	2.21
6	1	1257	8.14	-34.60	-33.41	6.95	7.04	15.52	0.73	1.67	14.58	3.61
6	1	1258	9.64	-27.51	-25.13	7.26	9.10	13.49	-0.35	1.34	11.81	4.53
6	1	1259	10.91	-19.91	-15.79	6.78	10.49	11.49	-1.32	1.14	9.04	5.04
6	1	1260	12.67	-12.70	-5.88	5.86	11.24	9.75	-2.08	1.11	6.56	5.25
6	1	1261	15.96	-6.91	4.31	4.74	11.43	8.30	-2.59	1.24	4.47	5.20
6	1	1262	21.68	-3.35	14.74	3.60	11.20	7.10	-2.88	1.46	2.77	4.95
6	1	1263	31.19	-2.16	27.17	1.86	10.86	6.14	-3.07	1.75	1.31	4.60
6	1	1264	22.56	-3.48	15.85	3.23	-11.39	4.81	-1.71	1.40	1.70	-3.25
6	1	1265	18.16	-5.92	8.56	3.68	-11.79	6.08	-1.52	1.35	3.20	-3.68
6	1	1266	13.90	-9.38	0.37	4.14	-11.49	7.40	-1.00	1.35	5.05	-3.77
6	1	1267	10.41	-13.78	-7.67	4.30	-10.51	8.78	-0.33	1.45	7.00	-3.61
6	1	1268	7.54	-18.65	-15.15	4.05	-8.90	10.17	0.41	1.65	8.93	-3.24
6	1	1269	5.00	-23.40	-21.64	3.25	-6.83	11.44	1.11	1.90	10.64	-2.75
6	1	1270	2.62	-27.43	-26.70	1.89	-4.65	12.36	1.60	2.07	11.89	-2.20
6	1	1271	0.56	-30.33	-30.08	0.31	-2.80	12.85	1.78	2.02	12.62	-1.59
6	1	1272	-0.69	-31.98	-31.91	-0.76	-1.50	13.04	1.77	1.83	12.98	-0.80
6	1	1273	-0.69	-32.43	-32.42	-0.69	-0.47	13.07	1.82	1.82	13.07	0.12
6	1	1274	0.54	-31.64	-31.61	0.51	0.87	12.98	1.91	1.98	12.90	0.93
6	1	1275	2.46	-29.49	-29.24	2.21	2.81	12.60	1.78	2.02	12.36	1.59
6	1	1276	4.56	-26.06	-25.17	3.67	5.14	11.78	1.34	1.83	11.29	2.21
6	1	1277	6.63	-21.71	-19.62	4.53	7.42	10.61	0.69	1.56	9.75	2.80
6	1	1278	8.78	-16.96	-12.98	4.79	9.31	9.31	-8.98e-03	1.34	7.96	3.28
6	1	1279	11.31	-12.34	-5.66	4.63	10.65	8.02	-0.69	1.22	6.12	3.60
6	1	1280	14.55	-8.33	2.01	4.21	11.39	6.82	-1.26	1.20	4.36	3.71
6	1	1281	18.62	-5.26	9.76	3.59	11.53	5.69	-1.64	1.28	2.76	3.59
6	1	1282	22.82	-3.08	16.60	3.14	11.06	4.61	-1.67	1.42	1.52	3.14
6	1	1283	15.57	-2.22	10.34	3.01	-8.10	3.73	-1.10	0.92	1.70	-2.38
6	1	1284	11.66	-3.67	4.39	3.60	-7.65	4.94	-0.41	1.16	3.37	-2.43
6	1	1285	8.48	-6.29	-1.38	3.56	-6.96	6.22	0.19	1.40	5.01	-2.41
6	1	1286	6.00	-9.74	-6.98	3.24	-5.98	7.49	0.74	1.63	6.60	-2.29
6	1	1287	4.02	-13.52	-12.12	2.62	-4.75	8.64	1.21	1.83	8.02	-2.06
6	1	1288	2.30	-17.14	-16.51	1.68	-3.44	9.65	1.60	2.01	9.24	-1.77
6	1	1289	0.76	-20.22	-19.97	0.52	-2.26	10.55	1.93	2.18	10.30	-1.44
6	1	1290	-0.49	-22.53	-22.44	-0.58	-1.41	11.35	2.22	2.34	11.23	-1.03
6	1	1291	-1.21	-23.93	-23.89	-1.25	-0.92	11.91	2.43	2.46	11.88	-0.53
6	1	1292	-1.18	-24.33	-24.32	-1.19	-0.57	12.02	2.48	2.48	12.02	3.91e-02
6	1	1293	-0.43	-23.72	-23.72	-0.43	-3.81e-02	11.69	2.36	2.40	11.66	0.56
6	1	1294	0.78	-22.10	-22.07	0.75	0.90	11.12	2.16	2.27	11.01	1.01
6	1	1295	2.18	-19.60	-19.37	1.95	2.21	10.44	1.90	2.14	10.20	1.40
6	1	1296	3.61	-16.37	-15.66	2.90	3.70	9.61	1.58	1.99	9.20	1.76
6	1	1297	5.12	-12.72	-11.09	3.49	5.14	8.60	1.17	1.81	7.96	2.08
6	1	1298	6.92	-9.05	-5.89	3.76	6.37	7.41	0.68	1.60	6.50	2.31
6	1	1299	9.31	-5.83	-0.32	3.79	7.28	6.13	0.14	1.38	4.89	2.42
6	1	1300	12.43	-3.44	5.36	3.63	7.89	4.86	-0.44	1.16	3.27	2.43
6	1	1301	16.35	-2.13	11.26	2.95	8.25	3.67	-1.10	0.94	1.64	2.36
6	1	1302	10.82	-2.09	6.12	2.62	-6.21	1.94	-0.57	0.45	0.91	-1.23
6	1	1303	8.00	-3.04	2.24	2.72	-5.52	2.80	-0.20	0.69	1.90	-1.38
6	1	1304	5.45	-4.62	-1.65	2.48	-4.59	3.70	0.17	0.87	3.01	-1.40
6	1	1305	3.43	-6.84	-5.41	1.99	-3.56	4.59	0.52	1.04	4.07	-1.35
6	1	1306	1.93	-9.44	-8.84	1.33	-2.54	5.42	0.84	1.21	5.06	-1.24
6	1	1307	0.73	-11.97	-11.76	0.51	-1.65	6.18	1.13	1.36	5.94	-1.06
6	1	1308	-0.31	-14.12	-14.04	-0.38	-1.00	6.81	1.37	1.50	6.68	-0.83
6	1	1309	-1.13	-15.68	-15.65	-1.16	-0.67	7.31	1.57	1.62	7.25	-0.57
6	1	1310	-1.60	-16.63	-16.60	-1.62	-0.60	7.62	1.69	1.71	7.60	-0.29
6	1	1311	-1.57	-16.95	-16.92	-1.59	-0.62	7.71	1.73	1.73	7.71	-9.00e-03
6	1	1312	-1.07	-16.61	-16.60	-1.09	-0.51	7.58	1.66	1.68	7.57	0.28
6	1	1313	-0.27	-15.58	-15.58	-0.27	-0.10	7.26	1.53	1.58	7.20	0.57
6	1	1314	0.65	-13.87	-13.84	0.62	0.65	6.77	1.34	1.48	6.64	0.84
6	1	1315	1.62	-11.59	-11.38	1.41	1.68	6.15	1.11	1.35	5.91	1.06
6	1	1316	2.74	-9.03	-8.30	2.01	2.84	5.40	0.83	1.20	5.03	1.24
6	1	1317	4.24	-6.54	-4.74	2.44	4.02	4.56	0.51	1.03	4.04	1.36
6	1	1318	6.32	-4.52	-0.92	2.71	5.11	3.68	0.16	0.86	2.98	1.41
6	1	1319	8.92	-3.11	2.99	2.82	6.02	2.79	-0.21	0.70	1.88	1.38
6	1	1320	11.71	-2.21	6.82	2.67	6.64	1.95	-0.55	0.48	0.91	1.23
6	1	1321	6.43	-1.64	2.89	1.90	-4.00	1.41	-0.16	0.41	0.84	-0.76
6	1	1322	4.32	-1.92	0.55	1.85	-3.05	1.93	9.58e-02	0.52	1.50	-0.77
6	1	1323	2.44	-2.87	-1.95	1.52	-2.01	2.45	0.30	0.62	2.12	-0.77
6	1	1324	1.30	-4.54	-4.34	1.09	-1.08	3.02	0.50	0.74	2.78	-0.73
6	1	1325	0.59	-6.48	-6.46	0.57	-0.33	3.59	0.70	0.86	3.42	-0.67
6	1	1326	3.85e-05	-8.24	-8.23	-2.88e-03	0.16	4.10	0.88	0.98	4.00	-0.57



6	1	1327	-0.57	-9.62	-9.61	-0.58	0.34	4.53	1.03	1.08	4.47	-0.44
6	1	1328	-1.06	-10.57	-10.57	-1.06	0.21	4.83	1.13	1.16	4.81	-0.30
6	1	1329	-1.33	-11.15	-11.15	-1.33	-0.16	5.02	1.20	1.20	5.01	-0.16
6	1	1330	-1.28	-11.40	-11.37	-1.32	-0.60	5.09	1.22	1.22	5.09	-5.98e-03
6	1	1331	-0.94	-11.31	-11.22	-1.03	-0.95	5.04	1.20	1.21	5.04	0.15
6	1	1332	-0.43	-10.77	-10.67	-0.54	-1.04	4.87	1.14	1.16	4.84	0.30
6	1	1333	9.26e-02	-9.73	-9.66	2.55e-02	-0.81	4.55	1.03	1.08	4.49	0.45
6	1	1334	0.57	-8.20	-8.19	0.56	-0.28	4.12	0.88	0.98	4.02	0.57
6	1	1335	1.06	-6.32	-6.29	1.03	0.50	3.61	0.71	0.87	3.45	0.67
6	1	1336	1.77	-4.39	-4.03	1.41	1.44	3.05	0.52	0.75	2.82	0.74
6	1	1337	3.06	-2.87	-1.53	1.72	2.48	2.48	0.32	0.64	2.16	0.77
6	1	1338	5.11	-2.07	1.07	1.97	3.56	1.95	0.12	0.54	1.53	0.77
6	1	1339	7.32	-1.83	3.50	1.99	4.51	1.42	-0.14	0.43	0.85	0.75
6	1	1340	4.15	-1.41	1.76	0.98	-2.75	0.60	-0.11	0.11	0.38	-0.33
6	1	1341	1.87	-1.42	-0.21	0.66	-1.59	1.09	0.19	0.34	0.94	-0.34
6	1	1342	0.61	-2.02	-1.88	0.48	-0.58	1.60	0.35	0.45	1.49	-0.35
6	1	1343	0.28	-3.29	-3.27	0.27	0.22	2.05	0.47	0.54	1.98	-0.34
6	1	1344	0.15	-4.50	-4.37	1.90e-02	0.76	2.45	0.58	0.63	2.40	-0.31
6	1	1345	-5.06e-02	-5.39	-5.19	-0.25	1.00	2.79	0.68	0.72	2.76	-0.26
6	1	1346	-0.34	-5.93	-5.77	-0.50	0.94	3.07	0.76	0.78	3.05	-0.21
6	1	1347	-0.64	-6.22	-6.16	-0.71	0.60	3.26	0.82	0.83	3.26	-0.15
6	1	1348	-0.82	-6.40	-6.40	-0.82	5.85e-02	3.38	0.85	0.85	3.38	-7.55e-02
6	1	1349	-0.77	-6.58	-6.53	-0.82	-0.55	3.42	0.86	0.86	3.42	-6.93e-04
6	1	1350	-0.50	-6.74	-6.55	-0.70	-1.08	3.38	0.85	0.85	3.37	7.41e-02
6	1	1351	-0.17	-6.73	-6.41	-0.49	-1.41	3.25	0.81	0.82	3.24	0.15
6	1	1352	0.10	-6.40	-6.06	-0.24	-1.46	3.04	0.75	0.77	3.02	0.21
6	1	1353	0.27	-5.70	-5.44	3.99e-03	-1.22	2.76	0.67	0.70	2.73	0.27
6	1	1354	0.33	-4.61	-4.51	0.23	-0.72	2.42	0.57	0.62	2.36	0.31
6	1	1355	0.42	-3.26	-3.26	0.42	1.48e-02	2.01	0.45	0.53	1.94	0.34
6	1	1356	0.92	-2.03	-1.69	0.58	0.94	1.56	0.33	0.44	1.45	0.35
6	1	1357	2.49	-1.60	0.16	0.73	2.03	1.07	0.18	0.34	0.91	0.34
6	1	1358	4.97	-1.63	2.27	1.07	3.24	0.59	-0.11	0.11	0.38	0.32
6	1	1359	0.74	-1.17	-0.12	-0.31	-0.95	0.95	0.25	0.28	0.92	0.15
6	1	1360	-0.24	-1.49	-1.48	-0.25	-9.68e-02	1.61	0.46	0.47	1.61	4.99e-02
6	1	1361	-0.13	-2.51	-2.39	-0.25	0.52	2.02	0.57	0.57	2.02	-2.62e-02
6	1	1362	7.19e-02	-3.11	-2.79	-0.25	0.96	2.33	0.64	0.64	2.33	-6.70e-02
6	1	1363	0.23	-3.31	-2.84	-0.25	1.20	2.57	0.70	0.70	2.57	-8.51e-02
6	1	1364	0.27	-3.16	-2.65	-0.24	1.23	2.75	0.74	0.74	2.75	-8.76e-02
6	1	1365	0.19	-2.78	-2.36	-0.24	1.04	2.88	0.77	0.77	2.87	-7.83e-02
6	1	1366	-2.51e-02	-2.30	-2.09	-0.23	0.65	2.96	0.79	0.80	2.96	-6.01e-02
6	1	1367	-0.22	-1.97	-1.96	-0.23	0.13	3.00	0.81	0.81	3.00	-3.53e-02
6	1	1368	-0.12	-2.11	-2.01	-0.23	-0.44	3.01	0.81	0.81	3.01	-6.82e-03
6	1	1369	0.15	-2.62	-2.24	-0.23	-0.95	2.97	0.80	0.80	2.97	2.20e-02
6	1	1370	0.37	-3.21	-2.61	-0.23	-1.34	2.90	0.78	0.78	2.90	4.83e-02
6	1	1371	0.44	-3.67	-2.99	-0.24	-1.53	2.80	0.75	0.75	2.80	6.95e-02
6	1	1372	0.39	-3.91	-3.28	-0.24	-1.52	2.65	0.71	0.72	2.65	8.28e-02
6	1	1373	0.23	-3.84	-3.36	-0.24	-1.31	2.46	0.67	0.67	2.46	8.45e-02
6	1	1374	3.00e-02	-3.39	-3.12	-0.24	-0.92	2.21	0.61	0.61	2.21	7.00e-02
6	1	1375	-0.17	-2.52	-2.46	-0.23	-0.39	1.90	0.53	0.53	1.89	3.26e-02
6	1	1376	-0.15	-1.35	-1.27	-0.23	0.31	1.49	0.43	0.43	1.49	-3.84e-02
6	1	1377	1.30	-1.22	0.38	-0.30	1.21	0.86	0.23	0.25	0.83	-0.13
6	1	1689	43.85	6.12	10.01	39.95	-11.48	0.32	-0.53	-7.00e-03	-0.20	-0.41
6	1	1690	42.98	8.17	12.20	38.96	-11.13	4.07e-02	-8.52e-03	-4.72e-03	3.69e-02	1.31e-02
6	1	1691	34.65	7.37	11.31	30.72	-9.58	-0.10	-0.99	-0.20	-0.90	-0.27
6	1	1692	36.40	5.38	9.77	32.00	-10.82	2.93e-02	-1.33e-02	-1.05e-02	2.65e-02	-1.06e-02
6	1	1693	28.40	7.01	10.82	24.59	-8.18	-0.27	-1.34	-0.29	-1.32	-0.15
6	1	1694	30.36	3.84	8.01	26.19	-9.65	1.59e-02	-8.57e-03	-4.63e-03	1.19e-02	8.98e-03
6	1	1695	23.31	6.42	9.87	19.86	-6.82	-0.39	-1.63	-0.39	-1.63	-6.11e-02
6	1	1696	25.20	2.94	6.59	21.54	-8.25	5.68e-02	-5.13e-02	-1.79e-03	7.27e-03	5.38e-02
6	1	1697	19.01	5.86	8.80	16.07	-5.48	-0.49	-1.87	-0.49	-1.87	1.15e-02
6	1	1698	20.76	2.42	5.44	17.74	-6.80	9.88e-02	-9.37e-02	-1.11e-03	6.16e-03	9.62e-02
6	1	1699	15.34	5.40	7.71	13.03	-4.20	-0.56	-2.05	-0.56	-2.05	6.72e-02
6	1	1700	16.94	2.15	4.49	14.61	-5.39	0.13	-0.12	-1.05e-03	5.71e-03	0.13
6	1	1701	12.25	5.02	6.67	10.60	-3.03	-0.62	-2.18	-0.62	-2.17	0.11
6	1	1702	13.70	2.04	3.71	12.04	-4.08	0.15	-0.14	-1.10e-03	5.29e-03	0.14
6	1	1703	9.68	4.72	5.71	8.69	-1.99	-0.65	-2.26	-0.67	-2.25	0.13
6	1	1704	11.02	2.02	3.08	9.96	-2.89	0.15	-0.15	-1.15e-03	4.84e-03	0.15
6	1	1705	7.65	4.43	4.84	7.23	-1.08	-0.68	-2.29	-0.69	-2.28	0.15
6	1	1706	8.87	2.04	2.58	8.33	-1.85	0.14	-0.14	-1.19e-03	4.36e-03	0.14
6	1	1707	6.21	4.04	4.09	6.16	-0.32	-0.69	-2.28	-0.71	-2.26	0.15
6	1	1708	7.26	2.02	2.20	7.08	-0.95	0.13	-0.12	-1.20e-03	3.90e-03	0.13
6	1	1709	5.49	3.40	3.44	5.44	0.30	-0.69	-2.22	-0.71	-2.21	0.13
6	1	1710	6.20	1.92	1.93	6.19	-0.20	9.98e-02	-9.76e-02	-1.21e-03	3.47e-03	9.87e-02
6	1	1711	5.30	2.65	2.90	5.04	0.78	-0.68	-2.13	-0.69	-2.12	0.11
6	1	1712	5.67	1.71	1.75	5.63	0.41	6.43e-02	-6.24e-02	-1.20e-03	3.10e-03	6.33e-02
6	1	1713	5.38	2.03	2.48	4.93	1.14	-0.66	-2.00	-0.67	-2.00	8.11e-02
6	1	1714	5.56	1.47	1.67	5.36	0.89	2.15e-02	-1.99e-02	-1.18e-03	2.79e-03	2.06e-02



6	1	1715	5.63	1.62	2.16	5.09	1.38	-0.63	-1.85	-0.63	-1.85	4.33e-02
6	1	1716	5.76	1.30	1.67	5.38	1.24	2.87e-02	-2.73e-02	-1.15e-03	2.54e-03	-2.79e-02
6	1	1717	6.06	1.40	1.95	5.51	1.51	-0.58	-1.67	-0.58	-1.67	4.65e-04
6	1	1718	6.17	1.26	1.76	5.67	1.48	8.15e-02	-8.02e-02	-1.15e-03	2.42e-03	-8.09e-02
6	1	1719	6.68	1.34	1.83	6.19	1.54	-0.52	-1.46	-0.52	-1.46	-4.42e-02
6	1	1720	6.78	1.39	1.93	6.24	1.62	0.14	-0.14	-1.43e-03	2.87e-03	-0.14
6	1	1721	7.55	1.39	1.77	7.17	1.49	-0.45	-1.23	-0.46	-1.22	-8.57e-02
6	1	1722	7.59	1.68	2.18	7.10	1.64	0.21	-0.20	-2.82e-03	6.27e-03	-0.20
6	1	1723	8.79	1.41	1.69	8.51	1.41	-0.38	-0.94	-0.40	-0.92	-0.11
6	1	1724	8.67	2.15	2.52	8.29	1.52	0.31	-0.29	-5.22e-03	2.19e-02	-0.30
6	1	1725	10.75	1.01	1.22	10.55	1.40	-0.19	-0.50	-0.27	-0.41	-0.13
6	1	1726	9.93	2.81	2.98	9.76	1.11	0.46	-0.39	1.48e-02	5.67e-02	-0.42
6	1	1727	41.75	4.15	12.45	33.45	-15.60	1.14	-0.98	0.42	-0.26	-1.01
6	1	1728	34.14	6.54	12.75	27.94	-11.52	0.61	-1.20	0.17	-0.77	-0.77
6	1	1729	27.66	7.55	12.70	22.51	-8.78	0.14	-1.61	-8.01e-02	-1.39	-0.57
6	1	1730	22.35	7.73	12.07	18.02	-6.68	-0.21	-2.05	-0.30	-1.95	-0.40
6	1	1731	17.94	7.52	11.06	14.40	-4.93	-0.46	-2.45	-0.49	-2.41	-0.25
6	1	1732	14.25	7.15	9.87	11.53	-3.45	-0.64	-2.77	-0.65	-2.76	-0.13
6	1	1733	11.17	6.72	8.61	9.29	-2.20	-0.77	-3.00	-0.77	-3.00	-1.51e-02
6	1	1734	8.62	6.31	7.37	7.56	-1.15	-0.85	-3.13	-0.85	-3.13	7.59e-02
6	1	1735	6.54	5.95	6.20	6.29	-0.29	-0.90	-3.18	-0.91	-3.17	0.15
6	1	1736	5.69	4.83	5.11	5.40	0.40	-0.92	-3.14	-0.94	-3.12	0.20
6	1	1737	5.51	3.49	4.14	4.86	0.94	-0.91	-3.03	-0.94	-3.00	0.24
6	1	1738	5.46	2.45	3.29	4.62	1.35	-0.87	-2.84	-0.91	-2.81	0.26
6	1	1739	5.56	1.66	2.56	4.65	1.65	-0.82	-2.59	-0.86	-2.55	0.27
6	1	1740	5.83	1.08	1.96	4.95	1.84	-0.74	-2.29	-0.79	-2.24	0.27
6	1	1741	6.29	0.67	1.47	5.48	1.97	-0.64	-1.93	-0.69	-1.87	0.26
6	1	1742	6.97	0.38	1.08	6.26	2.04	-0.51	-1.53	-0.57	-1.46	0.25
6	1	1743	7.90	0.17	0.79	7.27	2.10	-0.35	-1.10	-0.43	-1.02	0.24
6	1	1744	9.09	1.54e-02	0.61	8.50	2.24	-0.16	-0.71	-0.29	-0.58	0.23
6	1	1745	10.43	5.82e-02	0.77	9.72	2.62	-3.72e-02	-0.51	-0.22	-0.33	0.23
6	1	1746	10.40	-0.81	0.23	9.36	3.26	0.17	-0.79	-0.27	-0.35	0.48
6	1	1747	9.13	-0.69	0.28	8.16	2.93	-5.26e-02	-1.15	-0.38	-0.82	0.50
6	1	1748	8.05	-0.56	0.44	7.06	2.75	-0.20	-1.42	-0.48	-1.14	0.51
6	1	1749	7.17	-0.34	0.73	6.10	2.63	-0.33	-1.69	-0.57	-1.45	0.52
6	1	1750	6.52	-3.59e-02	1.16	5.32	2.53	-0.45	-1.94	-0.65	-1.74	0.51
6	1	1751	6.10	0.39	1.74	4.75	2.42	-0.54	-2.18	-0.71	-2.01	0.50
6	1	1752	5.89	0.97	2.47	4.39	2.27	-0.61	-2.39	-0.74	-2.26	0.47
6	1	1753	5.89	1.72	3.35	4.26	2.03	-0.66	-2.57	-0.76	-2.47	0.43
6	1	1754	6.09	2.69	4.39	4.39	1.70	-0.69	-2.71	-0.76	-2.65	0.37
6	1	1755	6.49	3.89	5.59	4.79	1.23	-0.70	-2.82	-0.74	-2.78	0.29
6	1	1756	7.16	5.28	6.94	5.50	0.60	-0.68	-2.89	-0.70	-2.87	0.19
6	1	1757	8.44	6.54	8.42	6.57	-0.23	-0.64	-2.91	-0.64	-2.90	5.89e-02
6	1	1758	10.64	7.39	9.99	8.05	-1.30	-0.55	-2.88	-0.55	-2.87	-9.45e-02
6	1	1759	13.59	8.02	11.61	10.00	-2.67	-0.41	-2.79	-0.44	-2.76	-0.27
6	1	1760	17.27	8.45	13.18	12.53	-4.40	-0.20	-2.66	-0.30	-2.56	-0.48
6	1	1761	21.76	8.54	14.60	15.70	-6.58	8.81e-02	-2.47	-0.13	-2.25	-0.71
6	1	1762	27.21	8.07	15.70	19.58	-9.37	0.48	-2.22	7.24e-02	-1.81	-0.96
6	1	1763	33.69	6.64	16.30	24.03	-12.96	0.96	-1.90	0.28	-1.22	-1.22
6	1	1764	41.28	3.77	16.32	28.73	-17.70	1.67	-1.38	0.62	-0.33	-1.45
6	1	1765	10.22	-1.50	-0.25	8.97	3.62	0.60	-0.80	-0.16	-4.83e-02	0.70
6	1	1766	9.17	-1.59	-0.42	8.00	3.35	0.59	-0.80	-0.15	-5.76e-02	0.70
6	1	1767	8.14	-1.51	-0.37	6.99	3.12	0.47	-0.92	-0.21	-0.24	0.70
6	1	1768	7.27	-1.28	-9.24e-02	6.08	2.96	0.36	-1.04	-0.26	-0.43	0.69
6	1	1769	6.58	-0.91	0.37	5.30	2.82	0.25	-1.16	-0.29	-0.61	0.68
6	1	1770	6.11	-0.41	1.00	4.70	2.68	0.15	-1.26	-0.31	-0.80	0.66
6	1	1771	5.86	0.25	1.83	4.28	2.52	6.75e-02	-1.36	-0.31	-0.98	0.63
6	1	1772	5.84	1.08	2.84	4.07	2.30	-6.70e-03	-1.45	-0.29	-1.16	0.58
6	1	1773	6.06	2.07	4.05	4.07	2.00	-6.53e-02	-1.53	-0.26	-1.33	0.50
6	1	1774	6.57	3.22	5.46	4.32	1.57	-0.10	-1.62	-0.22	-1.50	0.40
6	1	1775	7.44	4.46	7.06	4.84	1.00	-0.11	-1.70	-0.16	-1.65	0.28
6	1	1776	8.86	5.66	8.84	5.67	0.22	-8.03e-02	-1.79	-8.92e-02	-1.78	0.12
6	1	1777	10.95	6.69	10.79	6.85	-0.83	2.41e-03	-1.88	-2.01e-04	-1.87	-7.00e-02
6	1	1778	13.77	7.52	12.84	8.44	-2.22	0.15	-1.97	0.11	-1.92	-0.30
6	1	1779	17.36	8.11	14.96	10.50	-4.05	0.38	-2.05	0.24	-1.90	-0.57
6	1	1780	21.82	8.30	17.05	13.08	-6.46	0.72	-2.10	0.40	-1.78	-0.89
6	1	1781	27.31	7.88	19.02	16.17	-9.61	1.19	-2.11	0.60	-1.52	-1.26
6	1	1782	33.92	6.58	20.82	19.68	-13.66	1.85	-2.06	0.88	-1.08	-1.69
6	1	1783	41.13	4.23	22.41	22.95	-18.45	2.68	-2.12	1.18	-0.62	-2.22
6	1	1784	42.75	4.63	29.24	18.14	-18.23	3.88	-1.14	2.03	0.71	-2.43
6	1	1785	34.23	6.56	25.79	15.00	-12.74	3.04	-1.10	1.81	0.13	-1.89
6	1	1786	27.47	7.52	22.53	12.46	-8.61	2.40	-0.79	1.63	-7.23e-03	-1.37
6	1	1787	21.92	7.72	19.40	10.24	-5.42	1.86	-0.50	1.41	-6.18e-02	-0.92
6	1	1788	17.48	7.35	16.47	8.35	-3.03	1.41	-0.27	1.21	-6.60e-02	-0.55
6	1	1789	13.97	6.61	13.75	6.83	-1.26	1.08	-9.30e-02	1.03	-4.26e-02	-0.24
6	1	1790	11.25	5.64	11.25	5.64	3.50e-02	0.85	-9.54e-03	0.85	-9.30e-03	1.42e-02
6	1	1791	9.20	4.55	8.99	4.77	0.97	0.75	-4.22e-02	0.69	2.21e-02	0.22



6	1	1792	7.73	3.42	6.98	4.16	1.63	0.74	-0.16	0.53	4.48e-02	0.38
6	1	1793	6.73	2.30	5.22	3.81	2.10	0.75	-0.30	0.39	5.60e-02	0.50
6	1	1794	6.13	1.26	3.71	3.68	2.43	0.76	-0.44	0.26	5.49e-02	0.59
6	1	1795	5.84	0.35	2.44	3.75	2.66	0.76	-0.57	0.15	4.25e-02	0.66
6	1	1796	5.83	-0.42	1.39	4.02	2.84	0.74	-0.67	4.71e-02	2.09e-02	0.71
6	1	1797	6.07	-1.04	0.57	4.46	2.98	0.71	-0.76	-3.71e-02	-7.89e-03	0.74
6	1	1798	6.54	-1.52	-4.68e-02	5.07	3.11	0.68	-0.83	-0.10	-4.13e-02	0.75
6	1	1799	7.20	-1.84	-0.46	5.82	3.26	0.64	-0.87	-0.15	-7.72e-02	0.76
6	1	1800	8.04	-2.02	-0.67	6.70	3.43	0.60	-0.90	-0.19	-0.12	0.75
6	1	1801	9.02	-2.02	-0.67	7.67	3.62	0.55	-0.92	-0.21	-0.16	0.73
6	1	1802	10.12	-1.70	-0.28	8.70	3.84	0.54	-0.87	-0.26	-6.62e-02	0.70
6	1	1803	44.69	2.74	36.00	11.43	-17.00	5.33	-0.36	3.61	1.36	-2.61
6	1	1804	36.41	4.47	30.44	10.43	-12.45	4.74	0.79	3.40	2.13	-1.87
6	1	1805	29.02	5.30	25.37	8.95	-8.56	4.04	1.39	3.05	2.38	-1.28
6	1	1806	23.00	5.59	21.01	7.59	-5.55	3.50	1.86	2.77	2.59	-0.81
6	1	1807	18.11	5.50	17.19	6.42	-3.28	3.10	2.17	2.51	2.76	-0.44
6	1	1808	14.13	5.15	13.83	5.45	-1.60	2.90	2.22	2.26	2.87	-0.15
6	1	1809	10.92	4.66	10.90	4.68	-0.38	2.92	2.01	2.01	2.91	7.58e-02
6	1	1810	8.40	4.05	8.34	4.12	0.52	2.95	1.72	1.77	2.89	0.25
6	1	1811	6.60	3.27	6.13	3.74	1.16	2.92	1.43	1.54	2.82	0.38
6	1	1812	5.57	2.23	4.25	3.55	1.63	2.84	1.16	1.31	2.69	0.48
6	1	1813	5.13	1.07	2.67	3.53	1.98	2.71	0.91	1.10	2.52	0.55
6	1	1814	5.05	-5.94e-03	1.37	3.68	2.25	2.54	0.67	0.89	2.32	0.60
6	1	1815	5.23	-0.92	0.33	3.98	2.47	2.33	0.46	0.71	2.09	0.63
6	1	1816	5.61	-1.64	-0.46	4.44	2.67	2.11	0.27	0.54	1.84	0.65
6	1	1817	6.18	-2.17	-1.02	5.03	2.87	1.88	0.10	0.39	1.58	0.66
6	1	1818	6.91	-2.51	-1.37	5.77	3.08	1.64	-4.91e-02	0.27	1.32	0.66
6	1	1819	7.79	-2.68	-1.50	6.62	3.30	1.40	-0.18	0.16	1.06	0.65
6	1	1820	8.79	-2.67	-1.43	7.56	3.56	1.20	-0.28	9.56e-02	0.82	0.64
6	1	1821	9.85	-2.83	-1.56	8.57	3.81	0.87	-0.49	-4.33e-02	0.43	0.64
6	1	1822	47.03	2.79	41.66	8.15	-14.44	5.48	1.57	4.20	2.86	-1.84
6	1	1823	37.33	2.99	33.93	6.40	-10.26	5.19	2.34	4.28	3.25	-1.33
6	1	1824	29.75	3.56	27.64	5.68	-7.14	4.91	3.14	4.10	3.95	-0.88
6	1	1825	23.51	3.87	22.31	5.07	-4.71	4.68	3.47	3.78	4.37	-0.53
6	1	1826	18.41	3.91	17.82	4.50	-2.87	4.62	3.38	3.43	4.57	-0.25
6	1	1827	14.24	3.77	14.02	3.99	-1.49	4.62	3.07	3.07	4.61	-4.64e-02
6	1	1828	10.82	3.54	10.79	3.57	-0.48	4.54	2.71	2.72	4.53	0.11
6	1	1829	8.07	3.25	8.06	3.26	0.26	4.37	2.35	2.37	4.34	0.22
6	1	1830	5.98	2.85	5.75	3.07	0.81	4.13	1.99	2.04	4.08	0.30
6	1	1831	4.71	2.13	3.82	3.01	1.23	3.83	1.66	1.72	3.77	0.36
6	1	1832	4.27	1.05	2.23	3.08	1.55	3.48	1.34	1.42	3.41	0.40
6	1	1833	4.28	-4.75e-02	0.95	3.28	1.82	3.11	1.05	1.14	3.02	0.42
6	1	1834	4.54	-0.98	-4.63e-02	3.61	2.07	2.71	0.78	0.88	2.61	0.43
6	1	1835	4.99	-1.71	-0.79	4.07	2.31	2.30	0.54	0.65	2.19	0.43
6	1	1836	5.61	-2.24	-1.29	4.66	2.56	1.90	0.32	0.44	1.77	0.43
6	1	1837	6.38	-2.57	-1.57	5.38	2.82	1.50	0.12	0.26	1.35	0.42
6	1	1838	7.29	-2.71	-1.64	6.21	3.10	1.10	-7.02e-02	9.91e-02	0.93	0.41
6	1	1839	8.34	-2.66	-1.49	7.17	3.39	0.71	-0.26	-5.72e-02	0.51	0.40
6	1	1840	9.48	-2.04	-0.72	8.16	3.67	0.42	-0.47	-0.27	0.21	0.37
6	1	1841	47.06	-1.29	43.21	2.56	-13.10	6.32	3.99	6.10	4.22	-0.68
6	1	1842	38.07	0.47	35.11	3.43	-10.13	6.72	5.66	5.99	6.38	-0.49
6	1	1843	30.01	1.24	27.80	3.45	-7.67	7.28	5.45	5.51	7.21	-0.34
6	1	1844	23.48	1.78	21.87	3.39	-5.68	7.67	5.05	5.07	7.66	-0.21
6	1	1845	18.12	2.14	16.99	3.27	-4.10	7.80	4.62	4.62	7.79	-0.12
6	1	1846	13.71	2.35	12.94	3.12	-2.85	7.69	4.16	4.16	7.69	-4.72e-02
6	1	1847	10.07	2.48	9.58	2.97	-1.87	7.42	3.70	3.70	7.42	3.62e-03
6	1	1848	7.06	2.57	6.78	2.85	-1.08	7.02	3.26	3.26	7.01	3.92e-02
6	1	1849	4.59	2.68	4.47	2.79	-0.46	6.53	2.83	2.83	6.53	6.29e-02
6	1	1850	2.83	2.56	2.57	2.82	4.75e-02	5.98	2.42	2.42	5.98	7.77e-02
6	1	1851	3.06	0.93	1.04	2.94	0.48	5.40	2.04	2.04	5.40	8.59e-02
6	1	1852	3.37	-0.38	-0.17	3.17	0.86	4.80	1.68	1.69	4.80	8.91e-02
6	1	1853	3.80	-1.38	-1.08	3.50	1.21	4.20	1.36	1.36	4.19	8.89e-02
6	1	1854	4.35	-2.13	-1.73	3.95	1.56	3.59	1.07	1.07	3.59	8.64e-02
6	1	1855	5.03	-2.65	-2.14	4.52	1.91	3.00	0.80	0.81	2.99	8.22e-02
6	1	1856	5.84	-2.96	-2.32	5.21	2.27	2.41	0.57	0.57	2.41	7.71e-02
6	1	1857	6.80	-3.08	-2.30	6.02	2.66	1.86	0.37	0.38	1.85	7.13e-02
6	1	1858	7.88	-3.05	-2.12	6.96	3.05	1.34	0.23	0.23	1.34	6.44e-02
6	1	1859	9.09	-3.47	-2.45	8.06	3.43	0.70	4.50e-03	8.39e-03	0.70	5.19e-02
6	1	1860	47.36	-1.01	44.66	1.69	-11.11	5.06	3.20	4.81	3.46	0.64
6	1	1861	37.84	-1.37	35.47	1.00	-9.34	5.20	3.96	4.99	4.17	0.47
6	1	1862	30.32	-0.80	28.25	1.27	-7.76	5.30	4.63	4.81	5.13	0.29
6	1	1863	24.04	-0.27	22.24	1.53	-6.36	5.70	4.43	4.44	5.68	0.15
6	1	1864	18.81	0.15	17.28	1.68	-5.13	5.93	4.04	4.04	5.93	3.74e-02
6	1	1865	14.46	0.46	13.15	1.77	-4.07	5.95	3.62	3.62	5.95	-5.04e-02
6	1	1866	10.84	0.71	9.73	1.82	-3.17	5.81	3.20	3.21	5.81	-0.12
6	1	1867	7.84	0.91	6.88	1.87	-2.39	5.55	2.79	2.80	5.54	-0.17
6	1	1868	5.39	1.09	4.53	1.95	-1.72	5.19	2.40	2.41	5.18	-0.21



6	1	1869	3.52	1.17	2.61	2.08	-1.15	4.77	2.02	2.04	4.75	-0.24
6	1	1870	2.54	0.79	1.06	2.27	-0.63	4.30	1.67	1.69	4.27	-0.26
6	1	1871	2.56	-0.16	-0.15	2.55	-0.16	3.80	1.34	1.37	3.77	-0.28
6	1	1872	2.93	-1.07	-1.05	2.91	0.30	3.29	1.04	1.07	3.25	-0.29
6	1	1873	3.48	-1.78	-1.67	3.37	0.74	2.77	0.76	0.80	2.73	-0.30
6	1	1874	4.17	-2.27	-2.05	3.94	1.19	2.26	0.51	0.56	2.20	-0.30
6	1	1875	5.00	-2.57	-2.19	4.62	1.66	1.75	0.28	0.35	1.68	-0.30
6	1	1876	6.00	-2.69	-2.12	5.43	2.14	1.26	7.29e-02	0.16	1.17	-0.30
6	1	1877	7.16	-2.62	-1.85	6.39	2.63	0.77	-0.14	-2.91e-02	0.66	-0.29
6	1	1878	8.44	-1.94	-0.90	7.40	3.12	0.38	-0.38	-0.27	0.27	-0.27
6	1	1879	41.88	-2.93	40.28	-1.33	-8.31	6.19	1.63	5.01	2.81	2.00
6	1	1880	34.57	-1.65	32.97	-4.74e-02	-7.45	6.03	3.26	4.88	4.41	1.37
6	1	1881	27.88	-1.28	26.21	0.40	-6.78	5.67	3.80	4.45	5.02	0.89
6	1	1882	22.32	-0.99	20.62	0.71	-6.07	5.59	3.90	4.08	5.41	0.52
6	1	1883	17.63	-0.75	15.93	0.95	-5.32	5.63	3.68	3.71	5.60	0.23
6	1	1884	13.67	-0.55	11.99	1.12	-4.58	5.63	3.35	3.35	5.63	5.71e-03
6	1	1885	10.35	-0.39	8.70	1.26	-3.88	5.54	2.97	2.98	5.53	-0.17
6	1	1886	7.61	-0.27	5.94	1.40	-3.22	5.35	2.59	2.63	5.31	-0.31
6	1	1887	5.42	-0.22	3.66	1.54	-2.61	5.07	2.22	2.28	5.01	-0.41
6	1	1888	3.81	-0.29	1.80	1.72	-2.05	4.74	1.87	1.95	4.66	-0.49
6	1	1889	2.86	-0.60	0.31	1.95	-1.52	4.36	1.53	1.64	4.25	-0.54
6	1	1890	2.54	-1.14	-0.84	2.24	-1.01	3.95	1.22	1.35	3.82	-0.58
6	1	1891	2.66	-1.74	-1.68	2.60	-0.52	3.52	0.93	1.09	3.37	-0.61
6	1	1892	3.05	-2.24	-2.24	3.05	-1.11e-02	3.08	0.67	0.85	2.90	-0.63
6	1	1893	3.63	-2.58	-2.54	3.59	0.51	2.64	0.43	0.63	2.44	-0.64
6	1	1894	4.41	-2.77	-2.61	4.25	1.05	2.21	0.21	0.44	1.98	-0.64
6	1	1895	5.37	-2.81	-2.47	5.04	1.62	1.80	1.41e-02	0.28	1.53	-0.64
6	1	1896	6.53	-2.73	-2.17	5.97	2.20	1.44	-0.15	0.17	1.12	-0.64
6	1	1897	7.88	-3.09	-2.32	7.10	2.81	1.00	-0.45	-2.36e-02	0.58	-0.66
6	1	1898	36.80	-0.97	35.80	2.57e-02	-6.04	4.72	-0.14	3.03	1.55	2.32
6	1	1899	30.71	-1.76	29.30	-0.36	-6.61	4.13	0.27	2.97	1.44	1.77
6	1	1900	25.59	-1.88	23.91	-0.20	-6.58	3.58	0.91	2.78	1.72	1.23
6	1	1901	21.06	-1.91	19.18	-3.05e-02	-6.30	3.04	1.41	2.51	1.93	0.76
6	1	1902	17.10	-1.90	15.08	0.12	-5.87	2.54	1.77	2.24	2.07	0.38
6	1	1903	13.66	-1.85	11.53	0.27	-5.33	2.17	1.95	1.98	2.14	7.08e-02
6	1	1904	10.70	-1.78	8.50	0.42	-4.75	2.22	1.66	1.72	2.16	-0.18
6	1	1905	8.19	-1.70	5.92	0.58	-4.16	2.29	1.31	1.48	2.12	-0.37
6	1	1906	6.14	-1.63	3.75	0.76	-3.58	2.29	0.98	1.24	2.04	-0.52
6	1	1907	4.52	-1.59	1.96	0.97	-3.02	2.24	0.69	1.02	1.91	-0.64
6	1	1908	3.36	-1.61	0.52	1.23	-2.46	2.14	0.41	0.81	1.75	-0.73
6	1	1909	2.66	-1.72	-0.59	1.53	-1.92	2.01	0.17	0.62	1.56	-0.79
6	1	1910	2.40	-1.90	-1.40	1.90	-1.37	1.84	-5.32e-02	0.44	1.35	-0.83
6	1	1911	2.49	-2.08	-1.93	2.34	-0.81	1.67	-0.25	0.29	1.12	-0.86
6	1	1912	2.88	-2.21	-2.20	2.87	-0.23	1.48	-0.43	0.16	0.89	-0.88
6	1	1913	3.52	-2.25	-2.23	3.50	0.38	1.28	-0.59	4.18e-02	0.66	-0.88
6	1	1914	4.43	-2.20	-2.04	4.26	1.03	1.09	-0.72	-5.14e-02	0.42	-0.87
6	1	1915	5.60	-2.06	-1.64	5.19	1.73	0.88	-0.84	-0.14	0.18	-0.85
6	1	1916	7.02	-1.55	-0.78	6.25	2.45	0.70	-0.90	-0.26	5.95e-02	-0.78
6	1	1917	28.73	-0.79	28.29	-0.35	-3.57	3.86	-2.08	2.06	-0.28	2.72
6	1	1918	24.91	-0.62	24.29	-4.00e-03	-3.93	3.01	-1.41	1.81	-0.22	1.96
6	1	1919	21.10	-0.97	20.21	-8.15e-02	-4.34	2.24	-1.09	1.50	-0.35	1.39
6	1	1920	17.62	-1.28	16.48	-0.13	-4.51	1.68	-0.77	1.27	-0.36	0.92
6	1	1921	14.46	-1.50	13.09	-0.13	-4.48	1.25	-0.46	1.07	-0.28	0.53
6	1	1922	11.63	-1.66	10.04	-6.67e-02	-4.31	0.94	-0.20	0.91	-0.16	0.20
6	1	1923	9.16	-1.76	7.36	3.82e-02	-4.05	0.76	-3.79e-02	0.76	-3.20e-02	-6.83e-02
6	1	1924	7.04	-1.84	5.02	0.18	-3.73	0.75	-3.52e-02	0.62	9.38e-02	-0.29
6	1	1925	5.31	-1.92	3.03	0.36	-3.36	0.84	-0.15	0.49	0.20	-0.47
6	1	1926	3.97	-2.02	1.36	0.58	-2.97	0.95	-0.28	0.38	0.29	-0.62
6	1	1927	3.02	-2.16	1.64e-02	0.84	-2.56	1.05	-0.42	0.27	0.35	-0.73
6	1	1928	2.43	-2.32	-1.03	1.14	-2.12	1.11	-0.54	0.18	0.39	-0.82
6	1	1929	2.17	-2.46	-1.78	1.49	-1.64	1.15	-0.64	0.10	0.41	-0.88
6	1	1930	2.19	-2.54	-2.25	1.90	-1.13	1.17	-0.72	3.76e-02	0.41	-0.93
6	1	1931	2.45	-2.53	-2.47	2.39	-0.58	1.17	-0.78	-1.12e-02	0.40	-0.95
6	1	1932	2.97	-2.43	-2.43	2.97	3.57e-02	1.16	-0.82	-4.24e-02	0.38	-0.97
6	1	1933	3.77	-2.25	-2.17	3.69	0.71	1.14	-0.84	-5.37e-02	0.35	-0.97
6	1	1934	4.87	-2.01	-1.69	4.56	1.44	1.13	-0.85	-4.61e-02	0.33	-0.97
6	1	1935	6.26	-1.86	-1.19	5.60	2.23	1.03	-0.98	-0.10	0.16	-1.00
6	1	1936	21.62	0.97	21.45	1.14	-1.87	2.44	-1.64	1.07	-0.27	1.93
6	1	1937	19.16	0.22	18.76	0.63	-2.75	1.69	-2.08	0.75	-1.14	1.63
6	1	1938	16.64	-0.37	16.00	0.28	-3.25	1.10	-2.17	0.52	-1.59	1.25
6	1	1939	14.16	-0.89	13.25	1.50e-02	-3.58	0.62	-2.18	0.30	-1.86	0.89
6	1	1940	11.81	-1.33	10.63	-0.15	-3.75	0.25	-2.15	0.11	-2.01	0.56
6	1	1941	9.65	-1.68	8.21	-0.23	-3.78	-8.40e-03	-2.11	-4.47e-02	-2.08	0.27
6	1	1942	7.74	-1.96	6.00	-0.22	-3.72	-0.17	-2.07	-0.17	-2.07	2.35e-02
6	1	1943	6.09	-2.19	4.05	-0.15	-3.57	-0.26	-2.04	-0.28	-2.02	-0.19
6	1	1944	4.73	-2.39	2.36	-2.76e-02	-3.35	-0.28	-2.02	-0.37	-1.94	-0.37
6	1	1945	3.65	-2.58	0.93	0.14	-3.09	-0.26	-2.00	-0.43	-1.83	-0.52



6	1	1946	2.85	-2.72	-0.22	0.35	-2.77	-0.21	-1.98	-0.48	-1.70	-0.64
6	1	1947	2.30	-2.82	-1.12	0.60	-2.41	-0.13	-1.94	-0.51	-1.56	-0.74
6	1	1948	1.98	-2.82	-1.75	0.90	-2.00	-4.22e-02	-1.89	-0.52	-1.41	-0.81
6	1	1949	1.85	-2.72	-2.13	1.26	-1.53	5.48e-02	-1.82	-0.51	-1.25	-0.86
6	1	1950	1.92	-2.49	-2.25	1.68	-1.00	0.16	-1.73	-0.49	-1.09	-0.90
6	1	1951	2.24	-2.16	-2.12	2.20	-0.40	0.26	-1.62	-0.44	-0.92	-0.91
6	1	1952	2.85	-1.78	-1.76	2.84	0.29	0.37	-1.49	-0.38	-0.75	-0.91
6	1	1953	3.87	-1.42	-1.18	3.64	1.09	0.46	-1.33	-0.31	-0.57	-0.89
6	1	1954	5.37	-1.19	-0.54	4.72	1.96	0.57	-1.06	-0.24	-0.25	-0.81
6	1	1955	15.65	1.19	15.49	1.35	-1.52	1.58	-2.09	0.49	-1.00	1.68
6	1	1956	13.76	0.91	13.52	1.15	-1.74	0.87	-2.24	0.20	-1.57	1.28
6	1	1957	11.98	0.32	11.61	0.70	-2.05	0.31	-2.54	-8.25e-02	-2.15	0.98
6	1	1958	10.18	-0.23	9.64	0.30	-2.30	-0.12	-2.80	-0.32	-2.59	0.71
6	1	1959	8.42	-0.71	7.69	2.10e-02	-2.48	-0.43	-2.99	-0.51	-2.90	0.47
6	1	1960	6.78	-1.12	5.82	-0.15	-2.59	-0.64	-3.11	-0.67	-3.09	0.25
6	1	1961	5.33	-1.48	4.07	-0.22	-2.64	-0.78	-3.17	-0.78	-3.17	4.89e-02
6	1	1962	4.09	-1.82	2.49	-0.21	-2.63	-0.86	-3.17	-0.86	-3.17	-0.12
6	1	1963	3.11	-2.16	1.10	-0.15	-2.56	-0.88	-3.12	-0.91	-3.09	-0.27
6	1	1964	2.39	-2.50	-8.26e-02	-2.61e-02	-2.44	-0.86	-3.02	-0.93	-2.94	-0.39
6	1	1965	1.88	-2.80	-1.05	0.14	-2.26	-0.80	-2.87	-0.93	-2.74	-0.49
6	1	1966	1.57	-3.02	-1.80	0.34	-2.03	-0.71	-2.68	-0.89	-2.49	-0.57
6	1	1967	1.40	-3.12	-2.31	0.59	-1.73	-0.59	-2.45	-0.84	-2.20	-0.63
6	1	1968	1.36	-3.06	-2.59	0.88	-1.37	-0.44	-2.20	-0.76	-1.88	-0.68
6	1	1969	1.45	-2.84	-2.63	1.24	-0.93	-0.27	-1.93	-0.66	-1.54	-0.71
6	1	1970	1.71	-2.46	-2.42	1.67	-0.39	-6.81e-02	-1.65	-0.53	-1.18	-0.72
6	1	1971	2.23	-1.98	-1.97	2.21	0.25	0.15	-1.36	-0.40	-0.81	-0.72
6	1	1972	3.13	-1.47	-1.24	2.91	0.99	0.37	-1.09	-0.26	-0.46	-0.73
6	1	1973	4.50	-0.65	0.15	3.70	1.86	0.53	-0.96	-0.17	-0.27	-0.74
6	1	1974	10.15	1.59	9.92	1.82	-1.40	0.74	-1.16	0.24	-0.66	0.84
6	1	1975	9.33	1.04	9.07	1.30	-1.46	0.21	-1.89	-0.10	-1.57	0.75
6	1	1976	8.06	0.52	7.74	0.84	-1.52	-0.21	-2.40	-0.39	-2.22	0.60
6	1	1977	6.71	7.88e-03	6.29	0.43	-1.63	-0.55	-2.84	-0.64	-2.75	0.43
6	1	1978	5.41	-0.46	4.83	0.12	-1.75	-0.81	-3.20	-0.85	-3.17	0.27
6	1	1979	4.22	-0.90	3.41	-8.66e-02	-1.87	-1.00	-3.48	-1.01	-3.47	0.13
6	1	1980	3.21	-1.34	2.07	-0.20	-1.97	-1.13	-3.67	-1.13	-3.67	-3.09e-03
6	1	1981	2.41	-1.80	0.86	-0.25	-2.03	-1.21	-3.78	-1.22	-3.77	-0.11
6	1	1982	1.83	-2.28	-0.21	-0.24	-2.06	-1.25	-3.79	-1.26	-3.78	-0.21
6	1	1983	1.44	-2.73	-1.12	-0.18	-2.03	-1.25	-3.73	-1.28	-3.70	-0.28
6	1	1984	1.18	-3.11	-1.85	-7.59e-02	-1.95	-1.21	-3.60	-1.26	-3.55	-0.34
6	1	1985	1.02	-3.36	-2.40	5.96e-02	-1.81	-1.15	-3.39	-1.21	-3.33	-0.38
6	1	1986	0.93	-3.44	-2.75	0.23	-1.60	-1.06	-3.13	-1.14	-3.04	-0.41
6	1	1987	0.90	-3.34	-2.88	0.44	-1.32	-0.93	-2.82	-1.04	-2.71	-0.43
6	1	1988	0.94	-3.04	-2.80	0.70	-0.95	-0.79	-2.46	-0.91	-2.34	-0.44
6	1	1989	1.09	-2.54	-2.48	1.02	-0.49	-0.61	-2.08	-0.76	-1.93	-0.44
6	1	1990	1.44	-1.91	-1.91	1.44	8.88e-02	-0.41	-1.67	-0.58	-1.49	-0.44
6	1	1991	2.19	-1.31	-1.11	1.99	0.81	-0.19	-1.25	-0.40	-1.04	-0.42
6	1	1992	3.61	-1.24	-0.56	2.93	1.69	7.08e-02	-0.71	-0.20	-0.44	-0.37
6	1	1993	7.41	0.85	6.80	1.47	-1.92	0.43	-0.77	0.12	-0.47	0.52
6	1	1994	5.68	0.74	5.15	1.28	-1.54	7.28e-03	-1.00	-0.11	-0.88	0.33
6	1	1995	4.44	0.44	3.98	0.90	-1.27	-0.35	-1.54	-0.37	-1.52	0.18
6	1	1996	3.32	9.32e-02	2.86	0.55	-1.12	-0.62	-2.13	-0.63	-2.13	7.15e-02
6	1	1997	2.33	-0.29	1.77	0.27	-1.07	-0.84	-2.65	-0.84	-2.65	-1.52e-02
6	1	1998	1.54	-0.75	0.72	6.75e-02	-1.10	-1.01	-3.06	-1.02	-3.06	-8.36e-02
6	1	1999	1.01	-1.33	-0.25	-6.36e-02	-1.17	-1.14	-3.36	-1.15	-3.36	-0.14
6	1	2000	0.71	-1.98	-1.13	-0.14	-1.25	-1.22	-3.55	-1.24	-3.54	-0.17
6	1	2001	0.55	-2.62	-1.90	-0.16	-1.33	-1.27	-3.63	-1.28	-3.61	-0.20
6	1	2002	0.48	-3.18	-2.55	-0.15	-1.38	-1.27	-3.60	-1.29	-3.59	-0.21
6	1	2003	0.45	-3.62	-3.07	-9.89e-02	-1.39	-1.25	-3.48	-1.27	-3.46	-0.21
6	1	2004	0.46	-3.91	-3.44	-2.12e-02	-1.36	-1.19	-3.27	-1.21	-3.25	-0.20
6	1	2005	0.48	-4.04	-3.65	8.56e-02	-1.27	-1.10	-2.98	-1.12	-2.96	-0.18
6	1	2006	0.52	-3.97	-3.68	0.22	-1.11	-0.99	-2.61	-1.00	-2.59	-0.16
6	1	2007	0.58	-3.69	-3.51	0.40	-0.86	-0.84	-2.18	-0.85	-2.17	-0.14
6	1	2008	0.69	-3.20	-3.13	0.62	-0.50	-0.67	-1.70	-0.68	-1.69	-0.12
6	1	2009	0.92	-2.51	-2.51	0.92	-2.68e-02	-0.48	-1.18	-0.49	-1.16	-9.91e-02
6	1	2010	1.45	-1.69	-1.57	1.32	0.61	-0.28	-0.67	-0.30	-0.65	-9.66e-02
6	1	2011	2.64	-0.52	0.37	1.75	1.42	-8.09e-02	-0.40	-0.14	-0.35	-0.12
6	1	2012	4.79	-0.31	3.31	1.17	-2.31	-0.23	-0.63	-0.24	-0.63	5.31e-02
6	1	2013	3.42	-0.30	2.43	0.70	-1.65	-0.43	-1.42	-0.44	-1.41	-0.11
6	1	2014	2.13	-0.35	1.33	0.45	-1.16	-0.57	-1.90	-0.59	-1.87	-0.19
6	1	2015	1.10	-0.56	0.28	0.26	-0.83	-0.69	-2.25	-0.73	-2.22	-0.24
6	1	2016	0.49	-1.05	-0.68	0.12	-0.66	-0.80	-2.51	-0.84	-2.47	-0.26
6	1	2017	0.23	-1.76	-1.55	2.06e-02	-0.61	-0.89	-2.69	-0.93	-2.65	-0.27
6	1	2018	0.12	-2.48	-2.31	-4.78e-02	-0.65	-0.95	-2.80	-0.98	-2.76	-0.25
6	1	2019	8.55e-02	-3.15	-2.97	-8.92e-02	-0.73	-0.98	-2.83	-1.01	-2.81	-0.23
6	1	2020	8.44e-02	-3.73	-3.54	-0.11	-0.84	-1.00	-2.81	-1.02	-2.79	-0.19
6	1	2021	0.11	-4.21	-3.99	-0.11	-0.94	-0.99	-2.73	-1.00	-2.72	-0.15
6	1	2022	0.14	-4.56	-4.32	-9.80e-02	-1.03	-0.96	-2.60	-0.97	-2.60	-9.68e-02



6	1	2023	0.17	-4.77	-4.53	-7.17e-02	-1.07	-0.92	-2.44	-0.92	-2.44	-4.40e-02
6	1	2024	0.21	-4.83	-4.59	-3.25e-02	-1.07	-0.85	-2.24	-0.85	-2.24	1.07e-02
6	1	2025	0.24	-4.70	-4.48	2.06e-02	-1.01	-0.77	-2.02	-0.78	-2.02	6.51e-02
6	1	2026	0.26	-4.36	-4.19	9.10e-02	-0.86	-0.67	-1.78	-0.68	-1.77	0.12
6	1	2027	0.28	-3.79	-3.70	0.19	-0.61	-0.55	-1.53	-0.58	-1.51	0.16
6	1	2028	0.34	-2.98	-2.97	0.33	-0.23	-0.42	-1.28	-0.47	-1.23	0.20
6	1	2029	0.59	-2.05	-2.01	0.56	0.30	-0.29	-0.99	-0.36	-0.92	0.21
6	1	2030	1.50	-1.56	-1.14	1.08	1.06	-0.14	-0.52	-0.27	-0.39	0.18
6	1	2031	1.79	-0.68	0.98	0.13	-1.16	-0.23	-1.41	-0.50	-1.14	-0.50
6	1	2032	0.46	-0.61	-0.31	0.16	-0.48	-0.34	-1.45	-0.48	-1.31	-0.37
6	1	2033	0.10	-1.53	-1.53	9.86e-02	-5.44e-02	-0.38	-1.52	-0.50	-1.40	-0.34
6	1	2034	9.30e-02	-2.56	-2.55	8.56e-02	0.14	-0.41	-1.54	-0.51	-1.44	-0.33
6	1	2035	8.94e-02	-3.38	-3.38	8.03e-02	0.18	-0.42	-1.51	-0.52	-1.42	-0.31
6	1	2036	7.81e-02	-4.05	-4.05	7.53e-02	0.11	-0.42	-1.43	-0.50	-1.35	-0.27
6	1	2037	6.92e-02	-4.60	-4.60	6.90e-02	-3.18e-02	-0.42	-1.31	-0.48	-1.25	-0.23
6	1	2038	7.05e-02	-5.06	-5.05	6.14e-02	-0.22	-0.41	-1.18	-0.45	-1.13	-0.18
6	1	2039	8.50e-02	-5.44	-5.41	5.29e-02	-0.42	-0.39	-1.03	-0.42	-1.01	-0.12
6	1	2040	0.11	-5.75	-5.68	4.35e-02	-0.63	-0.37	-0.89	-0.38	-0.88	-6.35e-02
6	1	2041	0.15	-5.97	-5.85	3.38e-02	-0.83	-0.34	-0.75	-0.34	-0.75	-3.21e-02
6	1	2042	0.19	-6.09	-5.92	2.38e-02	-1.00	-0.29	-0.64	-0.30	-0.63	5.72e-03
6	1	2043	0.23	-6.08	-5.87	1.37e-02	-1.15	-0.22	-0.56	-0.26	-0.52	0.12
6	1	2044	0.26	-5.93	-5.67	4.11e-03	-1.24	-0.13	-0.52	-0.23	-0.42	0.17
6	1	2045	0.29	-5.61	-5.32	-4.48e-03	-1.28	-3.48e-02	-0.50	-0.19	-0.34	0.22
6	1	2046	0.29	-5.08	-4.78	-1.05e-02	-1.24	4.26e-02	-0.49	-0.16	-0.29	0.26
6	1	2047	0.27	-4.30	-4.02	-7.83e-03	-1.10	9.56e-02	-0.50	-0.14	-0.26	0.29
6	1	2048	0.22	-3.20	-3.02	3.80e-02	-0.78	0.13	-0.55	-0.15	-0.27	0.33
6	1	2049	0.11	-1.80	-1.78	8.98e-02	-0.19	0.18	-0.78	-0.22	-0.38	0.47
6	1	2288	13.00	2.02	2.46	12.56	2.17	0.12	-3.71e-02	-2.42e-02	0.11	-4.28e-02
6	1	2289	-0.30	-0.66	-0.49	-0.46	0.18	0.54	1.23e-02	3.09e-02	0.52	-9.71e-02
6	1	2290	3.84	-1.77e-02	-1.77e-02	3.84	7.61e-04	0.42	-0.11	-2.83e-02	0.33	0.19
6	1	2291	6.40	-4.33e-02	-4.31e-02	6.40	2.90e-02	0.85	-0.53	-2.55e-02	0.35	0.66
6	1	2292	8.89	-3.86e-02	-3.85e-02	8.89	3.55e-02	0.88	-0.88	-6.97e-02	6.59e-02	0.88
6	1	2293	10.65	-4.82e-02	-4.82e-02	10.65	1.54e-02	0.42	-0.76	-0.10	-0.24	0.59
6	1	2294	11.38	-5.28e-02	-5.28e-02	11.38	-1.30e-02	-0.11	-0.33	-0.11	-0.33	-3.03e-02
6	1	2295	11.27	-4.12e-02	-4.11e-02	11.27	-3.53e-02	0.44	-0.66	-0.10	-0.11	-0.55
6	1	2296	10.68	-4.71e-02	-4.70e-02	10.68	-4.07e-02	0.71	-0.56	-8.19e-02	0.24	-0.61
6	1	2297	10.48	-8.68e-02	-8.66e-02	10.48	-5.44e-02	0.53	-0.18	-7.30e-02	0.43	-0.25
6	1	2298	10.41	4.73e-02	4.74e-02	10.41	1.13e-02	0.57	-0.47	8.07e-02	1.80e-02	0.52
6	1	2300	10.34	-0.64	-0.60	10.31	-0.63	0.19	-2.13e-02	5.59e-03	0.16	-6.98e-02
6	1	2301	2.05	0.15	0.15	2.04	0.13	0.16	-0.15	8.66e-03	-1.57e-03	0.15
6	1	2302	10.93	8.53e-02	8.53e-02	10.93	-1.41e-02	0.24	-0.44	0.13	-0.33	0.25
6	1	2303	5.13	4.84e-02	4.85e-02	5.13	-2.18e-02	0.55	-0.23	-7.30e-03	0.33	0.35
6	1	2304	9.72	7.74e-02	7.75e-02	9.72	-2.33e-02	0.66	-0.69	9.36e-02	-0.12	0.67
6	1	2305	7.61	5.80e-02	5.80e-02	7.61	-1.77e-02	0.80	-0.58	3.42e-02	0.19	0.69
6	1	2306	10.76	4.11e-02	4.11e-02	10.76	-1.12e-02	0.62	-0.52	9.30e-02	1.16e-02	-0.57
6	1	2307	11.18	6.94e-02	6.94e-02	11.18	1.31e-04	0.28	-0.43	0.13	-0.27	-0.29
6	1	2308	10.31	1.77e-02	1.78e-02	10.31	-2.73e-02	0.61	-0.25	5.45e-02	0.30	-0.41
6	1	2310	13.53	2.09	2.56	13.06	-2.27	0.11	-2.72e-02	-2.41e-02	0.10	2.04e-02
6	1	2311	-0.28	-0.62	-0.47	-0.43	-0.17	0.48	1.16e-03	1.96e-02	0.46	9.23e-02
6	1	2331	10.69	7.33e-02	7.33e-02	10.69	2.26e-03	0.25	-0.39	0.11	-0.25	0.26
6	1	2333	10.52	-0.66	-0.62	10.49	0.64	0.17	-8.68e-03	3.75e-03	0.15	4.49e-02
6	1	2334	3.61	-2.06e-02	-2.06e-02	3.61	-1.23e-04	0.38	-9.20e-02	-2.54e-02	0.31	-0.16
6	1	2335	10.17	2.29e-02	2.30e-02	10.17	2.29e-02	0.56	-0.22	4.67e-02	0.29	0.37
6	1	2336	5.95	-5.06e-02	-5.05e-02	5.95	-2.63e-02	0.78	-0.48	-1.82e-02	0.32	-0.61
6	1	2337	8.29	-4.81e-02	-4.80e-02	8.29	-3.32e-02	0.81	-0.81	-5.78e-02	6.14e-02	-0.81
6	1	2339	10.03	-5.43e-02	-5.43e-02	10.03	-1.48e-02	0.39	-0.70	-9.01e-02	-0.22	-0.54
6	1	2340	10.82	-5.73e-02	-5.72e-02	10.82	1.21e-02	-9.58e-02	-0.30	-9.86e-02	-0.30	2.40e-02
6	1	2341	10.80	-4.94e-02	-4.93e-02	10.80	3.32e-02	0.40	-0.59	-8.80e-02	-0.10	0.50
6	1	2342	10.40	-5.60e-02	-5.58e-02	10.40	3.76e-02	0.65	-0.50	-7.05e-02	0.23	0.56
6	1	2343	10.46	-9.29e-02	-9.26e-02	10.46	5.08e-02	0.49	-0.15	-6.66e-02	0.41	0.21
6	1	2345	1.94	0.14	0.15	1.93	-0.13	0.13	-0.14	7.23e-03	-8.98e-03	-0.13
6	1	2346	10.36	8.80e-02	8.80e-02	10.36	1.25e-02	0.22	-0.40	0.11	-0.30	-0.23
6	1	2347	4.80	5.17e-02	5.18e-02	4.80	2.49e-02	0.51	-0.20	-1.09e-02	0.31	-0.32
6	1	2348	9.13	8.16e-02	8.16e-02	9.13	2.01e-02	0.61	-0.64	8.02e-02	-0.11	-0.62
6	1	2349	7.10	6.33e-02	6.33e-02	7.10	1.83e-02	0.74	-0.53	2.55e-02	0.18	-0.63
6	2	1	96.44	22.16	25.53	93.07	15.45	5.10	-4.43	0.37	0.30	4.77
6	2	2	2.97	-0.56	1.90	0.51	-1.63	0.91	-1.67	0.27	-1.03	-1.12
6	2	3	6.77	-6.21	-0.51	1.07	-6.44	5.34	-0.53	3.85	0.96	-2.56
6	2	4	9.47	-6.21	1.13	2.13	-7.82	5.00	0.26	4.34	0.91	-1.64
6	2	5	11.35	-4.19	1.78	5.37	-7.56	4.05	0.63	3.88	0.80	-0.74
6	2	6	14.93	-1.98	2.10	10.85	-7.24	3.51	0.71	3.48	0.74	-0.27
6	2	7	20.79	-5.33e-02	2.42	18.32	-6.74	3.35	0.77	3.35	0.77	-3.81e-02
6	2	8	29.15	1.81	2.89	28.07	-5.31	3.58	0.87	3.55	0.89	0.27
6	2	9	41.39	3.45	3.55	41.28	-1.99	4.46	0.79	4.11	1.14	1.08
6	2	10	60.59	4.17	4.52	60.25	4.38	6.25	-3.89e-03	4.68	1.56	2.71
6	2	35	82.14	-0.35	1.46	80.33	12.07	8.43	-1.45	4.71	2.26	4.78
6	2	41	4.46	-4.21	-1.93	2.18	-3.81	5.67	-1.19	3.05	1.43	-3.33



6	2	44	20.68	-4.31	-1.85	18.22	-7.43	3.88	1.78	3.88	1.78	9.49e-02
6	2	53	9.73	-6.07	-0.14	3.81	-7.65	5.96	0.24	4.51	1.69	-2.49
6	2	58	15.17	-5.06	-1.44	11.56	-7.75	4.11	1.74	4.08	1.77	-0.27
6	2	64	28.29	-3.33	-1.89	26.85	6.59	3.96	1.79	3.91	1.84	-0.33
6	2	66	11.89	-5.80	-0.70	6.79	-8.02	4.83	1.39	4.43	1.78	-1.10
6	2	67	38.58	-2.01	-1.53	38.10	-4.36	4.53	1.64	4.21	1.96	0.90
6	2	72	28.29	-3.33	-1.89	26.85	-6.59	3.96	1.79	3.91	1.84	0.33
6	2	85	53.46	-0.61	-0.60	53.46	0.19	6.05	0.71	4.68	2.08	2.34
6	2	93	139.21	32.72	32.77	139.16	-2.31	2.16	0.11	0.90	1.37	-1.00
6	2	94	27.02	3.31	27.01	3.32	0.42	0.87	-1.72	0.85	-1.70	0.20
6	2	95	39.34	-3.63	39.27	-3.55	1.81	4.88	0.54	4.79	0.62	0.59
6	2	96	55.18	-3.21	55.08	-3.11	2.49	6.87	0.94	6.82	1.00	0.58
6	2	97	62.38	2.92	62.29	3.01	2.37	7.39	1.22	7.36	1.25	0.43
6	2	98	64.89	11.72	64.83	11.77	1.68	7.39	1.41	7.38	1.42	0.24
6	2	99	65.70	21.87	65.69	21.88	0.65	7.36	1.57	7.35	1.57	6.84e-02
6	2	100	65.41	33.47	65.40	33.48	-0.54	7.38	1.72	7.38	1.73	-0.14
6	2	101	61.90	47.94	61.69	48.15	-1.68	7.23	1.84	7.20	1.87	-0.41
6	2	102	69.98	49.13	49.43	69.68	-2.49	6.26	1.90	6.15	2.01	-0.69
6	2	127	97.88	13.85	13.92	97.81	-2.39	7.78	3.49	7.49	3.78	-1.07
6	2	133	17.78	4.45	17.72	4.51	0.91	4.86	1.95	4.69	2.12	0.69
6	2	136	42.00	27.92	41.90	28.02	1.19	8.79	3.89	8.78	3.90	0.21
6	2	144	82.14	-0.35	1.46	80.33	-12.07	8.43	-1.45	4.71	2.26	-4.78
6	2	145	28.65	5.24	28.46	5.43	2.10	7.66	2.87	7.50	3.04	0.87
6	2	150	40.60	18.39	40.41	18.58	2.05	8.87	3.76	8.83	3.80	0.45
6	2	158	36.71	10.46	36.48	10.69	2.43	8.76	3.50	8.66	3.60	0.71
6	2	159	51.99	39.69	39.78	51.90	-1.08	8.87	4.04	8.84	4.07	-0.38
6	2	163	6.77	-6.21	-0.51	1.07	6.44	5.34	-0.53	3.85	0.96	2.56
6	2	164	41.93	38.88	41.93	38.89	8.06e-02	8.80	3.99	8.80	3.99	-4.29e-02
6	2	166	53.46	-0.61	-0.60	53.46	-0.19	6.05	0.71	4.68	2.08	-2.34
6	2	168	9.47	-6.21	1.13	2.13	7.82	5.00	0.26	4.34	0.91	1.64
6	2	170	11.35	-4.19	1.78	5.37	7.56	4.05	0.63	3.88	0.80	0.74
6	2	172	14.93	-1.98	2.10	10.85	7.24	3.51	0.71	3.48	0.74	0.27
6	2	173	20.79	-5.33e-02	2.42	18.32	6.74	3.35	0.77	3.35	0.77	3.81e-02
6	2	174	29.15	1.81	2.89	28.07	5.31	3.58	0.87	3.55	0.89	-0.27
6	2	175	41.39	3.45	3.55	41.29	1.99	4.46	0.79	4.11	1.14	-1.08
6	2	176	60.59	4.17	4.52	60.25	-4.38	6.25	-3.89e-03	4.68	1.56	-2.71
6	2	177	69.10	33.05	33.16	68.99	-1.99	8.41	3.79	8.27	3.93	-0.79
6	2	184	4.46	-4.21	-1.93	2.18	3.81	5.67	-1.19	3.05	1.43	3.33
6	2	187	20.68	-4.31	-1.85	18.22	7.43	3.88	1.78	3.88	1.78	-9.49e-02
6	2	191	139.21	32.72	32.77	139.16	2.31	2.16	0.11	0.90	1.37	1.00
6	2	192	27.02	3.31	27.01	3.32	-0.42	0.87	-1.72	0.85	-1.70	-0.20
6	2	193	39.34	-3.63	39.27	-3.55	-1.81	4.88	0.54	4.79	0.62	-0.59
6	2	194	55.18	-3.21	55.08	-3.11	-2.49	6.87	0.94	6.82	1.00	-0.58
6	2	195	62.38	2.92	62.29	3.01	-2.37	7.39	1.22	7.36	1.25	-0.43
6	2	196	64.89	11.72	64.83	11.77	-1.68	7.39	1.41	7.38	1.42	-0.24
6	2	197	65.70	21.87	65.69	21.88	-0.65	7.36	1.57	7.35	1.57	-6.84e-02
6	2	198	65.41	33.47	65.40	33.48	0.54	7.38	1.72	7.38	1.73	0.14
6	2	199	61.90	47.94	61.69	48.15	1.68	7.23	1.84	7.20	1.87	0.41
6	2	200	69.98	49.13	49.43	69.68	2.49	6.26	1.90	6.15	2.01	0.69
6	2	225	97.88	13.85	13.92	97.81	2.39	7.78	3.49	7.49	3.78	1.07
6	2	231	17.78	4.45	17.72	4.51	-0.91	4.86	1.95	4.69	2.12	-0.69
6	2	234	42.00	27.92	41.90	28.02	-1.19	8.79	3.89	8.78	3.90	-0.21
6	2	243	28.65	5.24	28.46	5.43	-2.10	7.66	2.87	7.50	3.04	-0.87
6	2	248	40.60	18.39	40.41	18.58	-2.05	8.87	3.76	8.83	3.80	-0.45
6	2	256	36.71	10.46	36.48	10.69	-2.43	8.76	3.50	8.66	3.60	-0.71
6	2	257	51.99	39.69	39.78	51.90	1.08	8.87	4.04	8.84	4.07	0.38
6	2	262	41.93	38.88	41.93	38.89	-8.07e-02	8.80	3.99	8.80	3.99	4.29e-02
6	2	275	69.10	33.05	33.16	68.99	1.99	8.41	3.79	8.27	3.93	0.79
6	2	281	9.73	-6.07	-0.14	3.81	7.65	5.96	0.24	4.51	1.69	2.49
6	2	286	15.17	-5.06	-1.44	11.56	7.75	4.11	1.74	4.08	1.77	0.27
6	2	294	11.89	-5.80	-0.70	6.79	8.02	4.83	1.39	4.43	1.78	1.10
6	2	295	38.58	-2.01	-1.53	38.10	4.36	4.53	1.64	4.21	1.96	-0.90
6	2	301	96.44	22.16	25.53	93.07	-15.45	5.10	-4.43	0.37	0.30	-4.77
6	2	302	2.97	-0.56	1.90	0.51	1.63	0.91	-1.67	0.27	-1.03	1.12
6	2	345	62.89	6.77	8.57	61.10	9.88	2.18	-6.84	-2.03	-2.63	4.50
6	2	346	59.43	16.55	18.23	57.75	8.32	6.56	-6.11	7.66e-02	0.37	6.33
6	2	347	46.79	5.93	8.97	43.75	10.72	0.55	-8.73	-2.64	-5.54	4.41
6	2	348	44.82	11.86	13.46	43.22	7.08	5.36	-5.24	-5.42e-02	0.18	5.30
6	2	349	36.30	2.77	6.30	32.78	10.28	-0.41	-9.51	-2.99	-6.92	4.10
6	2	350	33.91	8.21	10.10	32.02	6.70	4.53	-4.50	-2.29e-02	4.55e-02	4.52
6	2	351	28.33	0.13	3.57	24.89	9.23	-1.39	-9.88	-3.38	-7.89	3.59
6	2	352	25.92	5.41	7.56	23.78	6.28	3.86	-3.85	-1.20e-02	1.76e-02	3.85
6	2	353	22.05	-1.67	1.29	19.09	7.84	-2.33	-10.05	-3.73	-8.65	2.97
6	2	354	19.87	3.46	5.66	17.67	5.59	3.16	-3.16	-1.12e-02	1.39e-02	3.16
6	2	355	17.10	-2.64	-0.41	14.88	6.25	-3.14	-10.08	-3.99	-9.23	2.27
6	2	356	15.21	2.30	4.28	13.23	4.65	2.41	-2.41	-1.21e-02	1.37e-02	2.41
6	2	357	13.34	-2.93	-1.56	11.97	4.53	-3.77	-10.03	-4.17	-9.63	1.52



6	2	358	11.69	1.84	3.34	10.19	3.53	1.61	-1.61	-1.28e-02	1.37e-02	1.61
6	2	359	10.79	-2.73	-2.14	10.20	2.76	-4.15	-9.96	-4.25	-9.86	0.75
6	2	360	9.23	1.94	2.78	8.39	2.33	0.79	-0.79	-1.30e-02	1.36e-02	0.79
6	2	361	9.58	-2.28	-2.19	9.50	1.01	-4.25	-9.90	-4.25	-9.90	-1.60e-02
6	2	362	7.97	2.35	2.58	7.74	1.12	3.02e-02	-2.98e-02	-1.29e-02	1.33e-02	-2.70e-02
6	2	363	9.85	-1.74	-1.70	9.81	-0.66	-4.05	-9.88	-4.15	-9.78	-0.76
6	2	364	8.20	2.72	2.72	8.20	-5.97e-03	0.82	-0.82	-1.23e-02	1.30e-02	-0.82
6	2	365	11.52	-1.05	-0.67	11.13	-2.17	-3.61	-9.85	-3.97	-9.48	-1.47
6	2	366	9.91	3.06	3.20	9.78	-0.96	1.57	-1.57	-1.13e-02	1.25e-02	-1.57
6	2	367	14.40	5.11e-02	0.94	13.51	-3.45	-2.98	-9.76	-3.71	-9.03	-2.11
6	2	368	12.82	3.73	4.04	12.51	-1.65	2.25	-2.25	-9.96e-03	1.18e-02	-2.25
6	2	369	18.30	1.85	3.14	17.02	-4.41	-2.22	-9.57	-3.35	-8.44	-2.65
6	2	370	16.82	4.92	5.26	16.48	-1.99	2.83	-2.83	-8.11e-03	1.09e-02	-2.83
6	2	371	23.21	4.54	5.98	21.77	-4.98	-1.42	-9.21	-2.92	-7.71	-3.07
6	2	372	22.04	6.67	6.90	21.81	-1.86	3.29	-3.29	-5.82e-03	9.48e-03	-3.29
6	2	373	29.27	8.22	9.51	27.97	-5.06	-0.61	-8.68	-2.40	-6.89	-3.35
6	2	374	28.79	8.96	9.03	28.72	-1.17	3.59	-3.59	-3.53e-03	8.08e-03	-3.59
6	2	375	36.84	12.86	13.74	35.95	-4.52	0.12	-7.93	-1.83	-5.98	-3.45
6	2	376	37.53	11.74	11.74	37.53	0.19	3.73	-3.72	-3.72e-03	1.01e-02	-3.72
6	2	377	46.64	18.19	18.55	46.28	-3.18	0.70	-6.92	-1.24	-4.98	-3.32
6	2	378	48.93	15.04	15.19	48.78	2.23	3.71	-3.69	-1.64e-02	3.48e-02	-3.70
6	2	379	60.12	23.23	23.24	60.11	-0.59	0.99	-5.44	-0.72	-3.73	-2.85
6	2	380	63.90	19.03	19.52	63.41	4.67	3.71	-3.62	-5.54e-02	0.15	-3.67
6	2	381	82.16	23.77	24.17	81.76	4.83	1.52	-2.63	2.16e-02	-1.14	-1.99
6	2	382	81.88	24.68	25.32	81.24	6.00	3.92	-3.64	2.08e-02	0.26	-3.78
6	2	383	53.02	6.32	6.40	52.94	1.99	2.36	-3.94	-1.03	-0.55	3.14
6	2	384	43.89	-0.50	0.45	42.94	6.40	1.63	-4.45	-1.57	-1.26	3.03
6	2	385	35.42	-4.01	-2.42	33.83	7.75	0.13	-5.58	-2.41	-3.05	2.84
6	2	386	28.51	-6.71	-4.94	26.74	7.70	-1.37	-6.66	-3.23	-4.80	2.52
6	2	387	22.94	-8.68	-7.08	21.34	6.94	-2.68	-7.52	-3.92	-6.28	2.11
6	2	388	18.57	-9.93	-8.71	17.35	5.77	-3.71	-8.14	-4.44	-7.42	1.64
6	2	389	15.32	-10.54	-9.77	14.55	4.39	-4.45	-8.54	-4.78	-8.21	1.12
6	2	390	13.17	-10.59	-10.23	12.81	2.90	-4.86	-8.74	-4.95	-8.65	0.57
6	2	391	12.13	-10.15	-10.06	12.04	1.40	-4.94	-8.74	-4.95	-8.74	2.70e-02
6	2	392	12.21	-9.25	-9.25	12.21	-1.76e-02	-4.70	-8.55	-4.77	-8.48	-0.50
6	2	393	13.40	-7.85	-7.77	13.32	-1.28	-4.15	-8.16	-4.42	-7.89	-1.00
6	2	394	15.64	-5.86	-5.61	15.39	-2.29	-3.33	-7.56	-3.90	-6.99	-1.45
6	2	395	18.90	-3.14	-2.73	18.49	-2.96	-2.28	-6.73	-3.22	-5.79	-1.82
6	2	396	23.19	0.43	0.89	22.73	-3.19	-1.03	-5.66	-2.37	-4.32	-2.10
6	2	397	28.61	4.93	5.27	28.27	-2.84	0.34	-4.37	-1.38	-2.65	-2.27
6	2	398	35.45	10.30	10.41	35.33	-1.68	1.78	-2.85	-0.24	-0.82	-2.30
6	2	399	44.22	16.26	16.27	44.20	0.67	3.17	-1.16	0.98	1.02	-2.16
6	2	400	55.83	22.27	23.05	55.04	5.08	4.25	0.57	2.23	2.60	-1.83
6	2	401	70.33	28.70	33.48	65.55	13.27	4.23	1.47	3.11	2.59	-1.35
6	2	402	66.43	26.43	34.82	58.04	16.28	2.70	-0.21	2.41	8.11e-02	-0.87
6	2	403	51.34	23.46	26.71	48.09	8.95	1.70	-2.06	1.31	-1.67	-1.15
6	2	404	40.52	17.61	18.36	39.77	4.08	0.57	-3.31	8.69e-02	-2.82	-1.28
6	2	405	32.59	11.00	11.05	32.54	1.04	-0.64	-4.59	-1.16	-4.07	-1.34
6	2	406	26.61	4.69	4.72	26.58	-0.71	-1.79	-5.84	-2.28	-5.35	-1.32
6	2	407	21.95	-0.80	-0.69	21.85	-1.53	-2.86	-6.97	-3.27	-6.57	-1.22
6	2	408	18.33	-5.31	-5.19	18.21	-1.68	-3.81	-7.95	-4.11	-7.65	-1.06
6	2	409	15.64	-8.87	-8.80	15.57	-1.31	-4.61	-8.74	-4.80	-8.56	-0.84
6	2	410	13.85	-11.57	-11.56	13.84	-0.57	-5.24	-9.34	-5.32	-9.26	-0.57
6	2	411	12.97	-13.48	-13.48	12.96	0.45	-5.66	-9.74	-5.68	-9.72	-0.27
6	2	412	13.01	-14.68	-14.59	12.91	1.62	-5.87	-9.93	-5.87	-9.93	6.55e-02
6	2	413	13.98	-15.19	-14.91	13.69	2.86	-5.85	-9.91	-5.89	-9.87	0.41
6	2	414	15.88	-15.02	-14.48	15.34	4.04	-5.59	-9.68	-5.73	-9.54	0.74
6	2	415	18.70	-14.11	-13.31	17.90	5.05	-5.11	-9.23	-5.40	-8.94	1.06
6	2	416	22.44	-12.42	-11.46	21.48	5.71	-4.42	-8.58	-4.91	-8.09	1.34
6	2	417	27.10	-9.90	-8.97	26.17	5.79	-3.52	-7.74	-4.23	-7.02	1.58
6	2	418	32.71	-6.55	-5.92	32.09	4.92	-2.45	-6.71	-3.40	-5.76	1.77
6	2	419	39.26	-2.60	-2.46	39.11	2.48	-1.29	-5.50	-2.47	-4.33	1.89
6	2	420	47.74	-1.00	-0.89	47.62	-2.32	6.60e-02	-3.66	-1.52	-2.08	1.84
6	2	421	64.57	25.61	41.93	48.24	19.22	3.90	1.81	3.55	2.16	-0.78
6	2	422	50.08	20.17	27.32	42.92	12.76	3.18	1.64	2.56	2.26	-0.76
6	2	423	39.38	14.18	17.05	36.51	8.01	2.12	0.61	1.34	1.39	-0.76
6	2	424	31.69	7.49	8.45	30.73	4.73	1.08	-0.44	0.18	0.46	-0.75
6	2	425	26.11	0.81	1.08	25.84	2.60	7.00e-02	-1.42	-0.89	-0.46	-0.72
6	2	426	21.95	-5.26	-5.19	21.88	1.33	-0.90	-2.29	-1.84	-1.35	-0.65
6	2	427	18.84	-10.44	-10.42	18.83	0.71	-1.81	-3.02	-2.66	-2.17	-0.55
6	2	428	16.63	-14.64	-14.63	16.62	0.58	-2.62	-3.59	-3.34	-2.87	-0.42
6	2	429	15.21	-17.88	-17.87	15.19	0.80	-3.29	-3.99	-3.86	-3.42	-0.27
6	2	430	14.57	-20.20	-20.15	14.52	1.27	-3.77	-4.25	-4.23	-3.79	-8.98e-02
6	2	431	14.67	-21.61	-21.51	14.57	1.87	-3.95	-4.45	-4.43	-3.97	9.95e-02
6	2	432	15.52	-22.14	-21.97	15.35	2.51	-3.81	-4.59	-4.46	-3.94	0.29
6	2	433	17.11	-21.81	-21.57	16.87	3.08	-3.44	-4.59	-4.32	-3.71	0.49
6	2	434	19.45	-20.61	-20.31	19.16	3.43	-2.89	-4.41	-4.02	-3.28	0.67



6	2	435	22.54	-18.52	-18.23	22.26	3.40	-2.18	-4.06	-3.56	-2.68	0.83
6	2	436	26.37	-15.53	-15.35	26.19	2.75	-1.34	-3.55	-2.97	-1.92	0.97
6	2	437	30.91	-11.67	-11.64	30.88	1.16	-0.40	-2.91	-2.27	-1.04	1.10
6	2	438	36.17	-6.88	-6.81	36.10	-1.79	0.55	-2.25	-1.56	-0.14	1.20
6	2	439	41.46	1.78	2.91	40.34	-6.60	0.97	-1.91	-0.98	3.71e-02	1.34
6	2	440	38.19	-6.41	-4.32	36.09	-9.44	-0.93	-2.11	-1.42	-1.62	0.58
6	2	441	32.16	-8.63	-8.01	31.55	-4.95	-1.92	-3.50	-2.27	-3.15	0.66
6	2	442	27.84	-13.37	-13.29	27.76	-1.81	-2.78	-4.29	-3.12	-3.95	0.63
6	2	443	24.12	-17.56	-17.56	24.12	0.22	-3.55	-4.92	-3.86	-4.60	0.58
6	2	444	20.99	-20.87	-20.82	20.94	1.40	-4.18	-5.40	-4.44	-5.14	0.50
6	2	445	18.43	-23.23	-23.13	18.34	1.98	-4.68	-5.76	-4.87	-5.57	0.41
6	2	446	16.47	-24.61	-24.50	16.35	2.16	-5.02	-5.98	-5.14	-5.86	0.32
6	2	447	15.10	-25.02	-24.91	14.99	2.10	-5.20	-6.08	-5.26	-6.02	0.22
6	2	448	14.34	-24.44	-24.34	14.25	1.95	-5.21	-6.05	-5.23	-6.03	0.12
6	2	449	14.20	-22.86	-22.78	14.11	1.80	-5.04	-5.91	-5.04	-5.91	2.75e-02
6	2	450	14.70	-20.27	-20.18	14.60	1.77	-4.69	-5.66	-4.70	-5.65	-6.40e-02
6	2	451	15.85	-16.66	-16.55	15.74	1.97	-4.18	-5.29	-4.20	-5.27	-0.15
6	2	452	17.75	-12.04	-11.83	17.54	2.49	-3.53	-4.83	-3.57	-4.79	-0.22
6	2	453	20.50	-6.47	-6.01	20.04	3.47	-2.73	-4.26	-2.79	-4.21	-0.29
6	2	454	24.37	-0.14	0.95	23.28	5.05	-1.80	-3.63	-1.87	-3.56	-0.34
6	2	455	29.87	6.48	9.11	27.24	7.39	-0.76	-2.93	-0.82	-2.86	-0.37
6	2	456	37.80	12.64	18.59	31.85	10.69	0.41	-2.19	0.35	-2.13	-0.38
6	2	457	48.74	17.60	29.42	36.92	15.11	1.61	-1.40	1.57	-1.35	-0.35
6	2	458	62.57	20.85	39.94	43.49	20.78	2.78	0.21	2.75	0.23	-0.24
6	2	459	34.08	-3.56	0.58	29.94	-11.77	0.86	-0.90	-0.77	0.73	0.46
6	2	460	29.88	-12.46	-11.08	28.49	-7.54	1.09	-1.37	-1.31	1.03	0.39
6	2	461	26.22	-17.85	-17.41	25.79	-4.34	0.69	-1.97	-1.91	0.63	0.37
6	2	462	23.18	-22.36	-22.27	23.09	-2.04	0.26	-2.56	-2.52	0.22	0.34
6	2	463	20.61	-25.95	-25.95	20.60	-0.46	-9.38e-02	-3.06	-3.02	-0.13	0.31
6	2	464	18.49	-28.53	-28.52	18.49	0.56	-0.36	-3.43	-3.40	-0.39	0.27
6	2	465	16.85	-30.06	-30.03	16.82	1.21	-0.55	-3.66	-3.65	-0.56	0.23
6	2	466	15.69	-30.53	-30.47	15.64	1.61	-0.64	-3.76	-3.75	-0.65	0.18
6	2	467	15.03	-29.92	-29.84	14.95	1.90	-0.65	-3.72	-3.71	-0.66	0.13
6	2	468	14.87	-28.24	-28.13	14.76	2.17	-0.57	-3.53	-3.53	-0.58	8.77e-02
6	2	469	15.25	-25.46	-25.30	15.09	2.53	-0.41	-3.21	-3.21	-0.41	4.24e-02
6	2	470	16.21	-21.59	-21.34	15.96	3.08	-0.17	-2.75	-2.75	-0.17	-1.20e-03
6	2	471	17.83	-16.68	-16.22	17.38	3.93	0.15	-2.16	-2.16	0.15	-4.23e-02
6	2	472	20.26	-10.81	-9.92	19.38	5.18	0.54	-1.43	-1.43	0.53	-7.99e-02
6	2	473	23.81	-4.25	-2.39	21.96	6.97	0.99	-0.57	-0.56	0.99	-0.11
6	2	474	29.04	2.49	6.43	25.10	9.43	1.52	0.41	0.43	1.50	-0.14
6	2	475	36.76	8.63	16.65	28.74	12.70	2.10	1.48	1.52	2.06	-0.16
6	2	476	47.70	13.65	28.64	32.72	16.90	2.83	2.44	2.68	2.59	-0.19
6	2	477	62.88	17.66	44.90	35.64	22.13	3.66	2.11	3.61	2.16	-0.27
6	2	478	31.29	-10.85	-6.17	26.61	-13.24	-1.22	-1.47	-1.33	-1.36	0.12
6	2	479	26.48	-13.50	-11.16	24.14	-9.38	-1.98	-2.54	-2.06	-2.45	0.20
6	2	480	23.27	-18.62	-17.66	22.31	-6.27	-2.66	-3.09	-2.86	-2.89	0.21
6	2	481	20.65	-23.25	-22.91	20.32	-3.85	-3.12	-3.64	-3.54	-3.23	0.21
6	2	482	18.50	-26.98	-26.89	18.41	-2.01	-3.44	-4.12	-4.06	-3.51	0.20
6	2	483	16.74	-29.69	-29.68	16.73	-0.66	-3.67	-4.48	-4.43	-3.72	0.19
6	2	484	15.37	-31.32	-31.32	15.37	0.35	-3.82	-4.71	-4.67	-3.86	0.17
6	2	485	14.39	-31.84	-31.81	14.36	1.12	-3.90	-4.80	-4.77	-3.93	0.16
6	2	486	13.81	-31.24	-31.17	13.74	1.76	-3.91	-4.76	-4.73	-3.93	0.14
6	2	487	13.66	-29.50	-29.36	13.53	2.38	-3.85	-4.58	-4.56	-3.87	0.11
6	2	488	13.97	-26.62	-26.39	13.74	3.05	-3.72	-4.27	-4.25	-3.73	9.32e-02
6	2	489	14.79	-22.64	-22.23	14.38	3.89	-3.52	-3.82	-3.80	-3.54	7.15e-02
6	2	490	16.23	-17.60	-16.85	15.48	4.98	-3.19	-3.31	-3.22	-3.28	5.05e-02
6	2	491	18.48	-11.66	-10.22	17.03	6.44	-2.50	-2.96	-2.51	-2.96	3.09e-02
6	2	492	21.94	-5.19	-2.30	19.05	8.36	-1.65	-2.58	-1.65	-2.58	1.36e-02
6	2	493	27.31	1.16	6.95	21.52	10.86	-0.66	-2.15	-0.66	-2.15	-2.09e-04
6	2	494	35.43	6.56	17.62	24.37	14.03	0.47	-1.67	0.47	-1.67	-7.36e-03
6	2	495	46.57	10.61	29.65	27.52	17.95	1.65	-1.12	1.65	-1.12	3.78e-03
6	2	496	59.79	13.56	41.17	32.18	22.67	2.79	0.28	2.79	0.28	7.18e-02
6	2	497	28.45	-7.60	-0.62	21.47	-14.24	0.95	-0.68	-0.67	0.93	0.17
6	2	498	24.47	-16.32	-13.31	21.46	-10.67	1.38	-1.21	-1.20	1.37	0.13
6	2	499	21.62	-21.95	-20.56	20.23	-7.67	1.17	-1.77	-1.76	1.16	0.13
6	2	500	19.43	-26.80	-26.21	18.84	-5.20	0.92	-2.34	-2.33	0.91	0.14
6	2	501	17.66	-30.72	-30.50	17.44	-3.23	0.72	-2.81	-2.81	0.71	0.14
6	2	502	16.22	-33.58	-33.52	16.16	-1.65	0.56	-3.17	-3.16	0.56	0.14
6	2	503	15.09	-35.31	-35.31	15.08	-0.39	0.46	-3.40	-3.39	0.45	0.14
6	2	504	14.27	-35.90	-35.89	14.26	0.64	0.41	-3.49	-3.49	0.40	0.14
6	2	505	13.78	-35.31	-35.26	13.73	1.55	0.41	-3.46	-3.45	0.40	0.13
6	2	506	13.63	-33.55	-33.42	13.50	2.42	0.46	-3.29	-3.28	0.45	0.13
6	2	507	13.86	-30.62	-30.37	13.61	3.33	0.56	-2.99	-2.98	0.56	0.12
6	2	508	14.52	-26.53	-26.06	14.06	4.37	0.72	-2.55	-2.55	0.71	0.11
6	2	509	15.73	-21.37	-20.49	14.86	5.63	0.92	-1.99	-1.98	0.92	0.10
6	2	510	17.67	-15.28	-13.62	16.01	7.20	1.18	-1.29	-1.28	1.18	9.37e-02
6	2	511	20.76	-8.64	-5.41	17.53	9.19	1.49	-0.46	-0.46	1.48	8.66e-02



6	2	512	25.72	-2.15	4.19	19.39	11.68	1.85	0.49	0.49	1.84	8.04e-02
6	2	513	33.51	3.30	15.25	21.55	14.77	2.26	1.54	1.55	2.25	7.31e-02
6	2	514	44.66	7.37	28.05	23.98	18.53	2.70	2.59	2.66	2.63	5.34e-02
6	2	515	60.26	10.15	45.02	25.39	23.05	3.56	2.09	3.56	2.09	-1.56e-02
6	2	516	25.63	-13.69	-7.00	18.94	-14.78	-1.25	-1.39	-1.27	-1.36	-5.31e-02
6	2	517	21.44	-16.50	-12.60	17.53	-11.53	-1.99	-2.39	-2.00	-2.39	2.94e-02
6	2	518	18.77	-21.76	-19.80	16.81	-8.69	-2.72	-2.85	-2.79	-2.78	6.03e-02
6	2	519	16.79	-26.59	-25.67	15.87	-6.25	-3.05	-3.49	-3.47	-3.07	8.07e-02
6	2	520	15.26	-30.56	-30.18	14.87	-4.20	-3.29	-4.00	-3.99	-3.31	9.63e-02
6	2	521	14.05	-33.49	-33.36	13.92	-2.47	-3.47	-4.38	-4.37	-3.49	0.11
6	2	522	13.11	-35.30	-35.28	13.09	-1.02	-3.59	-4.62	-4.60	-3.61	0.12
6	2	523	12.44	-35.95	-35.95	12.44	0.23	-3.65	-4.72	-4.71	-3.67	0.13
6	2	524	12.03	-35.41	-35.37	11.99	1.35	-3.65	-4.69	-4.67	-3.67	0.13
6	2	525	11.91	-33.69	-33.56	11.78	2.43	-3.60	-4.53	-4.51	-3.61	0.13
6	2	526	12.10	-30.78	-30.48	11.81	3.53	-3.48	-4.23	-4.20	-3.50	0.14
6	2	527	12.67	-26.72	-26.14	12.10	4.72	-3.29	-3.81	-3.77	-3.33	0.14
6	2	528	13.74	-21.59	-20.50	12.66	6.11	-3.00	-3.30	-3.19	-3.11	0.14
6	2	529	15.55	-15.59	-13.52	13.48	7.75	-2.44	-2.88	-2.49	-2.82	0.14
6	2	530	18.58	-9.17	-5.16	14.57	9.75	-1.62	-2.51	-1.64	-2.49	0.14
6	2	531	23.70	-3.17	4.62	15.92	12.19	-0.65	-2.12	-0.66	-2.10	0.15
6	2	532	31.85	1.52	15.87	17.50	15.14	0.47	-1.69	0.46	-1.67	0.15
6	2	533	43.12	4.68	28.49	19.30	18.66	1.65	-1.18	1.64	-1.17	0.18
6	2	534	56.12	7.02	40.54	22.60	22.85	2.78	0.18	2.76	0.20	0.25
6	2	535	23.82	-9.90	-0.65	14.58	-15.04	0.78	-0.65	-0.65	0.78	-3.14e-02
6	2	536	19.65	-18.37	-14.03	15.31	-12.09	1.15	-1.22	-1.22	1.15	-5.19e-02
6	2	537	17.16	-24.05	-21.78	14.88	-9.41	0.87	-1.80	-1.80	0.87	-2.77e-02
6	2	538	15.44	-29.02	-27.88	14.31	-7.01	0.56	-2.39	-2.39	0.56	1.84e-03
6	2	539	14.16	-33.10	-32.58	13.65	-4.92	0.30	-2.89	-2.89	0.30	3.09e-02
6	2	540	13.18	-36.13	-35.94	12.98	-3.10	9.78e-02	-3.27	-3.27	9.68e-02	5.82e-02
6	2	541	12.43	-38.03	-37.98	12.39	-1.51	-3.77e-02	-3.52	-3.52	-3.97e-02	8.34e-02
6	2	542	11.89	-38.75	-38.75	11.89	-0.10	-0.11	-3.63	-3.62	-0.11	0.11
6	2	543	11.56	-38.29	-38.26	11.54	1.19	-0.11	-3.60	-3.59	-0.12	0.13
6	2	544	11.46	-36.62	-36.50	11.34	2.43	-4.93e-02	-3.43	-3.42	-5.57e-02	0.15
6	2	545	11.62	-33.77	-33.47	11.32	3.67	7.76e-02	-3.13	-3.12	6.91e-02	0.16
6	2	546	12.08	-29.75	-29.15	11.48	4.99	0.27	-2.69	-2.68	0.26	0.18
6	2	547	12.96	-24.64	-23.50	11.83	6.44	0.52	-2.12	-2.10	0.51	0.19
6	2	548	14.49	-18.62	-16.50	12.36	8.12	0.83	-1.41	-1.39	0.81	0.21
6	2	549	17.12	-12.12	-8.09	13.08	10.09	1.20	-0.57	-0.54	1.17	0.22
6	2	550	21.72	-5.96	1.79	13.97	12.43	1.63	0.38	0.43	1.59	0.23
6	2	551	29.36	-1.15	13.20	15.02	15.23	2.13	1.41	1.50	2.05	0.24
6	2	552	40.57	2.06	26.40	16.23	18.57	2.79	2.30	2.63	2.47	0.23
6	2	553	56.50	3.75	43.84	16.42	22.53	3.55	1.92	3.53	1.94	0.19
6	2	554	20.99	-15.23	-7.05	12.81	-15.14	-1.03	-1.76	-1.23	-1.55	-0.33
6	2	555	17.05	-17.92	-12.70	11.83	-12.46	-1.96	-2.87	-2.03	-2.80	-0.24
6	2	556	14.52	-23.05	-20.21	11.68	-9.93	-2.82	-3.45	-2.89	-3.39	-0.19
6	2	557	12.82	-27.86	-26.39	11.34	-7.61	-3.56	-3.91	-3.62	-3.85	-0.13
6	2	558	11.64	-31.88	-31.18	10.93	-5.50	-4.13	-4.29	-4.19	-4.23	-7.97e-02
6	2	559	10.78	-34.90	-34.62	10.49	-3.61	-4.52	-4.61	-4.60	-4.52	-2.66e-02
6	2	560	10.16	-36.83	-36.75	10.08	-1.90	-4.72	-4.88	-4.87	-4.73	2.62e-02
6	2	561	9.73	-37.61	-37.61	9.73	-0.34	-4.81	-5.03	-4.99	-4.84	7.79e-02
6	2	562	9.48	-37.23	-37.21	9.46	1.11	-4.77	-5.05	-4.97	-4.86	0.13
6	2	563	9.43	-35.69	-35.55	9.29	2.50	-4.62	-4.97	-4.80	-4.78	0.17
6	2	564	9.60	-32.98	-32.63	9.24	3.88	-4.32	-4.78	-4.49	-4.61	0.22
6	2	565	10.05	-29.15	-28.42	9.32	5.31	-3.89	-4.50	-4.03	-4.36	0.26
6	2	566	10.90	-24.27	-22.89	9.51	6.83	-3.31	-4.14	-3.43	-4.02	0.29
6	2	567	12.38	-18.55	-16.00	9.83	8.51	-2.59	-3.71	-2.69	-3.61	0.32
6	2	568	15.03	-12.47	-7.69	10.25	10.41	-1.73	-3.22	-1.81	-3.14	0.34
6	2	569	19.77	-6.90	2.10	10.77	12.61	-0.72	-2.69	-0.79	-2.62	0.36
6	2	570	27.63	-2.80	13.45	11.37	15.18	0.43	-2.11	0.37	-2.06	0.38
6	2	571	38.70	-0.34	26.28	12.08	18.19	1.64	-1.49	1.59	-1.44	0.39
6	2	572	51.39	1.46	38.63	14.22	21.78	2.79	-3.97e-02	2.72	3.17e-02	0.44
6	2	573	20.28	-10.94	0.30	9.04	-14.98	0.57	-0.90	-0.67	0.34	-0.54
6	2	574	15.50	-19.00	-13.53	10.03	-12.60	0.60	-1.45	-1.31	0.46	-0.51
6	2	575	13.00	-24.46	-21.41	9.96	-10.23	-3.03e-03	-2.06	-1.96	-0.10	-0.44
6	2	576	11.45	-29.29	-27.66	9.82	-7.98	-0.63	-2.69	-2.63	-0.69	-0.36
6	2	577	10.41	-33.30	-32.50	9.60	-5.89	-1.16	-3.23	-3.20	-1.20	-0.27
6	2	578	9.69	-36.33	-35.99	9.35	-3.95	-1.58	-3.65	-3.63	-1.60	-0.17
6	2	579	9.19	-38.29	-38.19	9.09	-2.16	-1.87	-3.92	-3.92	-1.87	-7.18e-02
6	2	580	8.86	-39.13	-39.13	8.85	-0.48	-2.03	-4.05	-4.05	-2.03	3.02e-02
6	2	581	8.69	-38.85	-38.83	8.67	1.10	-2.05	-4.05	-4.04	-2.06	0.13
6	2	582	8.69	-37.45	-37.30	8.54	2.62	-1.93	-3.89	-3.87	-1.96	0.23
6	2	583	8.88	-34.92	-34.53	8.49	4.12	-1.68	-3.60	-3.54	-1.73	0.32
6	2	584	9.31	-31.30	-30.51	8.51	5.63	-1.31	-3.16	-3.07	-1.40	0.40
6	2	585	10.07	-26.65	-25.18	8.60	7.20	-0.82	-2.58	-2.45	-0.96	0.47
6	2	586	11.38	-21.14	-18.52	8.75	8.86	-0.24	-1.88	-1.69	-0.43	0.52
6	2	587	13.68	-15.16	-10.44	8.95	10.67	0.43	-1.04	-0.79	0.18	0.56
6	2	588	17.81	-9.48	-0.86	9.18	12.69	1.19	-0.12	0.24	0.83	0.58



6	2	589	24.87	-5.12	10.33	9.41	14.99	2.03	0.86	1.37	1.52	0.58
6	2	590	35.51	-2.42	23.45	9.65	17.67	2.93	1.75	2.54	2.15	0.56
6	2	591	51.22	-1.49	40.99	8.74	20.85	3.59	1.60	3.46	1.73	0.49
6	2	592	17.36	-15.83	-6.52	8.05	-14.91	-0.45	-2.61	-1.19	-1.87	-1.02
6	2	593	13.42	-18.26	-11.82	6.98	-12.75	-1.63	-4.01	-2.08	-3.56	-0.93
6	2	594	10.71	-22.94	-19.24	7.00	-10.54	-2.64	-4.89	-3.01	-4.52	-0.83
6	2	595	8.98	-27.40	-25.36	6.94	-8.37	-3.54	-5.60	-3.82	-5.32	-0.71
6	2	596	7.88	-31.16	-30.12	6.85	-6.28	-4.28	-6.19	-4.46	-6.00	-0.56
6	2	597	7.16	-34.02	-33.57	6.72	-4.28	-4.85	-6.64	-4.94	-6.54	-0.40
6	2	598	6.70	-35.90	-35.77	6.57	-2.37	-5.22	-6.96	-5.25	-6.93	-0.22
6	2	599	6.43	-36.76	-36.75	6.42	-0.54	-5.40	-7.14	-5.40	-7.14	-3.98e-02
6	2	600	6.34	-36.58	-36.55	6.31	1.21	-5.38	-7.20	-5.40	-7.18	0.14
6	2	601	6.43	-35.37	-35.17	6.23	2.91	-5.17	-7.11	-5.23	-7.06	0.32
6	2	602	6.73	-33.14	-32.61	6.20	4.57	-4.79	-6.88	-4.90	-6.77	0.48
6	2	603	7.27	-29.92	-28.85	6.21	6.21	-4.23	-6.51	-4.42	-6.33	0.62
6	2	604	8.18	-25.77	-23.85	6.26	7.84	-3.54	-6.00	-3.78	-5.76	0.74
6	2	605	9.65	-20.88	-17.55	6.33	9.51	-2.72	-5.37	-3.01	-5.08	0.83
6	2	606	12.14	-15.62	-9.88	6.40	11.24	-1.78	-4.63	-2.09	-4.32	0.88
6	2	607	16.40	-10.70	-0.73	6.44	13.07	-0.73	-3.81	-1.03	-3.52	0.90
6	2	608	23.35	-6.93	9.99	6.43	15.04	0.42	-2.95	0.16	-2.70	0.89
6	2	609	33.29	-4.63	22.30	6.36	17.21	1.60	-2.08	1.39	-1.87	0.84
6	2	610	44.79	-2.92	34.38	7.49	19.71	2.71	-0.45	2.50	-0.24	0.78
6	2	611	17.17	-11.10	1.31	4.77	-14.03	1.22	-2.09	-0.66	-0.21	-1.64
6	2	612	11.70	-18.49	-12.35	5.55	-12.15	0.71	-2.51	-1.35	-0.45	-1.55
6	2	613	9.05	-23.45	-19.90	5.50	-10.14	-0.33	-3.19	-2.06	-1.46	-1.40
6	2	614	7.47	-27.79	-25.81	5.48	-8.12	-1.42	-3.86	-2.79	-2.49	-1.21
6	2	615	6.46	-31.40	-30.38	5.44	-6.14	-2.42	-4.40	-3.43	-3.39	-0.99
6	2	616	5.82	-34.14	-33.69	5.37	-4.20	-3.28	-4.74	-3.92	-4.10	-0.73
6	2	617	5.42	-35.95	-35.82	5.29	-2.32	-3.96	-4.91	-4.25	-4.61	-0.44
6	2	618	5.21	-36.82	-36.81	5.21	-0.50	-4.38	-4.93	-4.42	-4.90	-0.14
6	2	619	5.19	-36.74	-36.70	5.15	1.27	-4.37	-4.99	-4.42	-4.95	0.16
6	2	620	5.34	-35.71	-35.49	5.12	2.98	-3.99	-5.04	-4.25	-4.78	0.45
6	2	621	5.69	-33.75	-33.19	5.13	4.66	-3.41	-4.91	-3.92	-4.39	0.72
6	2	622	6.28	-30.87	-29.77	5.18	6.31	-2.66	-4.59	-3.44	-3.81	0.95
6	2	623	7.18	-27.13	-25.18	5.24	7.93	-1.78	-4.07	-2.80	-3.05	1.14
6	2	624	8.57	-22.64	-19.38	5.31	9.55	-0.81	-3.37	-2.01	-2.17	1.27
6	2	625	10.76	-17.70	-12.28	5.35	11.17	0.21	-2.49	-1.09	-1.18	1.35
6	2	626	14.36	-12.81	-3.79	5.34	12.80	1.26	-1.47	-5.39e-02	-0.15	1.37
6	2	627	20.21	-8.73	6.26	5.23	14.46	2.29	-0.34	1.08	0.87	1.31
6	2	628	29.09	-5.90	18.22	4.96	16.19	3.22	0.79	2.24	1.77	1.19
6	2	629	42.90	-4.96	34.58	3.36	18.14	3.60	1.06	3.13	1.54	0.99
6	2	630	13.57	-15.21	-6.06	4.42	-13.41	0.69	-3.88	-1.15	-2.03	-2.24
6	2	631	9.77	-17.64	-10.88	3.01	-11.82	-0.54	-5.38	-1.94	-3.98	-2.20
6	2	632	6.99	-21.71	-17.63	2.90	-10.02	-1.60	-6.31	-2.78	-5.13	-2.04
6	2	633	5.19	-25.51	-23.19	2.87	-8.11	-2.59	-7.00	-3.50	-6.08	-1.79
6	2	634	4.06	-28.73	-27.52	2.85	-6.17	-3.44	-7.49	-4.06	-6.86	-1.46
6	2	635	3.35	-31.22	-30.69	2.83	-4.23	-4.13	-7.82	-4.48	-7.46	-1.09
6	2	636	2.94	-32.90	-32.75	2.80	-2.30	-4.62	-8.02	-4.76	-7.88	-0.67
6	2	637	2.77	-33.76	-33.75	2.77	-0.41	-4.88	-8.14	-4.90	-8.12	-0.25
6	2	638	2.81	-33.77	-33.71	2.76	1.44	-4.90	-8.18	-4.91	-8.17	0.18
6	2	639	3.07	-32.95	-32.65	2.77	3.25	-4.68	-8.15	-4.78	-8.05	0.60
6	2	640	3.55	-31.30	-30.56	2.81	5.03	-4.25	-8.02	-4.53	-7.75	0.98
6	2	641	4.31	-28.87	-27.43	2.87	6.76	-3.66	-7.76	-4.14	-7.28	1.32
6	2	642	5.45	-25.72	-23.22	2.95	8.47	-2.94	-7.34	-3.62	-6.66	1.59
6	2	643	7.12	-22.01	-17.91	3.02	10.13	-2.12	-6.76	-2.96	-5.91	1.79
6	2	644	9.62	-17.96	-11.42	3.08	11.74	-1.23	-6.00	-2.18	-5.05	1.90
6	2	645	13.41	-14.00	-3.67	3.08	13.28	-0.31	-5.08	-1.26	-4.12	1.91
6	2	646	18.99	-10.55	5.42	3.02	14.72	0.64	-4.04	-0.22	-3.18	1.81
6	2	647	26.63	-7.89	15.87	2.87	15.99	1.53	-2.93	0.85	-2.26	1.60
6	2	648	35.22	-5.44	26.23	3.55	16.87	2.29	-1.21	1.74	-0.66	1.27
6	2	649	11.38	-10.10	-0.58	1.86	-10.67	3.04	-3.49	-0.35	-9.70e-02	-3.26
6	2	650	6.62	-16.40	-11.73	1.94	-9.26	2.38	-3.72	-0.89	-0.45	-3.04
6	2	651	4.32	-20.75	-18.07	1.64	-7.75	1.27	-4.16	-1.43	-1.46	-2.71
6	2	652	3.01	-24.59	-23.09	1.51	-6.25	0.19	-4.47	-1.95	-2.33	-2.32
6	2	653	2.22	-27.80	-27.03	1.45	-4.74	-0.79	-4.59	-2.37	-3.00	-1.87
6	2	654	1.74	-30.26	-29.93	1.41	-3.24	-1.65	-4.53	-2.69	-3.49	-1.38
6	2	655	1.48	-31.95	-31.86	1.39	-1.74	-2.39	-4.34	-2.91	-3.82	-0.86
6	2	656	1.39	-32.82	-32.82	1.39	-0.27	-2.92	-4.10	-3.03	-4.00	-0.33
6	2	657	1.45	-32.88	-32.84	1.41	1.19	-3.00	-4.08	-3.04	-4.05	0.20
6	2	658	1.67	-32.13	-31.93	1.47	2.63	-2.59	-4.33	-2.96	-3.95	0.71
6	2	659	2.06	-30.59	-30.08	1.55	4.05	-1.97	-4.53	-2.78	-3.72	1.19
6	2	660	2.66	-28.28	-27.28	1.66	5.46	-1.24	-4.59	-2.49	-3.35	1.62
6	2	661	3.53	-25.28	-23.53	1.79	6.87	-0.45	-4.47	-2.10	-2.82	1.98
6	2	662	4.83	-21.69	-18.80	1.94	8.26	0.41	-4.15	-1.59	-2.15	2.26
6	2	663	6.77	-17.74	-13.05	2.09	9.64	1.29	-3.59	-0.96	-1.34	2.43
6	2	664	9.76	-13.78	-6.24	2.22	10.98	2.17	-2.79	-0.22	-0.40	2.47
6	2	665	14.30	-10.24	1.72	2.33	12.27	2.99	-1.74	0.62	0.63	2.37



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

6	2	666	20.87	-7.40	11.05	2.42	13.46	3.65	-0.52	1.51	1.61	2.08
6	2	667	30.69	-5.60	23.45	1.63	14.50	3.45	0.17	2.15	1.46	1.60
6	2	668	6.70	-11.68	-6.46	1.48	-8.29	2.52	-3.83	-0.84	-0.46	-3.17
6	2	669	3.46	-14.86	-11.51	0.11	-7.08	2.77	-3.48	-0.32	-0.38	-3.13
6	2	670	1.73	-19.03	-17.16	-0.14	-5.94	2.84	-2.88	-0.31	0.27	-2.85
6	2	671	0.78	-22.86	-21.87	-0.21	-4.75	2.69	-2.35	-0.40	0.74	-2.45
6	2	672	0.26	-26.07	-25.58	-0.24	-3.58	2.40	-1.87	-0.50	1.03	-1.99
6	2	673	-3.98e-02	-28.54	-28.34	-0.25	-2.41	2.01	-1.44	-0.59	1.16	-1.49
6	2	674	-0.19	-30.22	-30.17	-0.24	-1.26	1.59	-1.08	-0.68	1.19	-0.95
6	2	675	-0.22	-31.09	-31.09	-0.23	-0.13	1.20	-0.84	-0.76	1.12	-0.40
6	2	676	-0.16	-31.14	-31.11	-0.19	1.00	0.99	-0.83	-0.82	0.98	0.15
6	2	677	3.11e-03	-30.39	-30.24	-0.15	2.13	1.04	-1.11	-0.85	0.78	0.70
6	2	678	0.29	-28.85	-28.48	-8.58e-02	3.28	1.24	-1.56	-0.86	0.55	1.21
6	2	679	0.73	-26.56	-25.82	-1.03e-02	4.45	1.49	-2.05	-0.84	0.28	1.68
6	2	680	1.42	-23.62	-22.27	7.62e-02	5.65	1.73	-2.51	-0.78	1.99e-03	2.08
6	2	681	2.51	-20.15	-17.81	0.17	6.90	1.92	-2.90	-0.69	-0.29	2.40
6	2	682	4.27	-16.45	-12.44	0.26	8.18	2.05	-3.19	-0.55	-0.59	2.62
6	2	683	7.15	-12.94	-6.14	0.35	9.50	2.08	-3.34	-0.36	-0.90	2.69
6	2	684	11.61	-10.07	1.09	0.45	10.83	2.00	-3.32	-0.12	-1.20	2.60
6	2	685	17.72	-7.91	9.16	0.66	12.09	1.72	-3.09	8.31e-02	-1.45	2.28
6	2	686	24.71	-5.50	17.16	2.05	13.08	1.22	-2.13	-5.10e-02	-0.86	1.63
6	2	687	0.35	-8.28	-7.62	-0.32	-2.30	5.47	1.01e-02	1.15	4.34	-2.22
6	2	688	-0.53	-13.57	-13.42	-0.68	-1.39	8.51	1.72	2.28	7.95	-1.87
6	2	689	-0.82	-18.52	-18.47	-0.87	-0.96	10.75	2.52	2.95	10.33	-1.81
6	2	690	-0.91	-22.71	-22.68	-0.93	-0.69	12.41	3.07	3.39	12.09	-1.71
6	2	691	-0.95	-26.09	-26.08	-0.96	-0.43	13.52	3.45	3.67	13.29	-1.50
6	2	692	-0.96	-28.64	-28.64	-0.96	-0.17	14.16	3.69	3.83	14.02	-1.21
6	2	693	-0.94	-30.35	-30.35	-0.94	8.64e-02	14.43	3.82	3.89	14.36	-0.86
6	2	694	-0.92	-31.22	-31.21	-0.92	0.33	14.39	3.84	3.86	14.37	-0.46
6	2	695	-0.88	-31.23	-31.22	-0.89	0.58	14.10	3.77	3.77	14.10	-4.38e-02
6	2	696	-0.83	-30.41	-30.39	-0.85	0.83	13.59	3.60	3.62	13.58	0.38
6	2	697	-0.77	-28.75	-28.71	-0.81	1.10	12.91	3.35	3.42	12.84	0.78
6	2	698	-0.69	-26.27	-26.19	-0.77	1.39	12.05	3.02	3.17	11.90	1.15
6	2	699	-0.58	-22.98	-22.85	-0.72	1.72	11.03	2.61	2.88	10.77	1.47
6	2	700	-0.43	-18.92	-18.68	-0.67	2.10	9.85	2.15	2.55	9.45	1.71
6	2	701	-0.14	-14.18	-13.71	-0.61	2.52	8.52	1.64	2.18	7.98	1.86
6	2	702	0.51	-9.00	-7.95	-0.55	2.98	7.04	1.10	1.78	6.36	1.88
6	2	703	2.59	-4.49	-1.44	-0.46	3.51	5.43	0.57	1.35	4.66	1.78
6	2	704	7.95	-2.48	5.75	-0.28	4.25	3.77	4.52e-03	0.86	2.91	1.58
6	2	705	15.05	-2.47	12.98	-0.41	5.64	2.00	-1.24	9.10e-02	0.67	1.60
6	2	1017	83.36	22.95	24.49	81.82	-9.53	0.15	-0.89	0.15	-0.89	6.76e-02
6	2	1018	83.31	23.54	25.43	81.42	-10.46	1.86	-1.57	3.68e-02	0.25	1.71
6	2	1019	61.04	23.30	23.73	60.60	-4.01	-0.27	-3.48	-0.54	-3.22	0.89
6	2	1020	65.79	17.98	19.74	64.03	-9.01	1.70	-1.62	-5.11e-02	0.14	1.66
6	2	1021	47.27	19.38	19.44	47.21	-1.30	-0.44	-4.76	-0.94	-4.26	1.39
6	2	1022	51.09	14.41	15.55	49.95	-6.37	1.74	-1.72	-1.64e-02	3.43e-02	1.73
6	2	1023	37.35	15.06	15.06	37.35	0.26	-0.81	-5.63	-1.41	-5.03	1.59
6	2	1024	39.88	11.68	12.28	39.28	-4.07	1.82	-1.82	-3.55e-03	1.14e-02	1.82
6	2	1025	29.95	11.23	11.29	29.88	1.11	-1.29	-6.27	-1.87	-5.70	1.59
6	2	1026	31.36	9.50	9.76	31.10	-2.36	1.79	-1.78	-2.53e-03	9.27e-03	1.78
6	2	1027	24.36	8.13	8.26	24.22	1.46	-1.79	-6.75	-2.26	-6.28	1.45
6	2	1028	24.95	7.74	7.83	24.87	-1.22	1.61	-1.60	-4.17e-03	1.06e-02	1.61
6	2	1029	20.20	5.81	5.96	20.06	1.42	-2.26	-7.08	-2.57	-6.77	1.18
6	2	1030	20.28	6.39	6.41	20.26	-0.52	1.31	-1.31	-5.90e-03	1.19e-02	1.31
6	2	1031	17.28	4.25	4.34	17.19	1.10	-2.64	-7.28	-2.79	-7.13	0.83
6	2	1032	17.09	5.43	5.43	17.08	-0.17	0.92	-0.92	-7.19e-03	1.28e-02	0.92
6	2	1033	15.54	3.36	3.39	15.51	0.59	-2.89	-7.39	-2.93	-7.35	0.43
6	2	1034	15.22	4.86	4.86	15.22	-2.86e-02	0.48	-0.47	-7.96e-03	1.33e-02	0.48
6	2	1035	14.96	3.07	3.07	14.96	-1.83e-06	-2.97	-7.42	-2.97	-7.42	
6	2	1036	14.61	4.67	4.67	14.61	-1.76e-06	1.35e-02	-8.21e-03	-8.21e-03	1.35e-02	
6	2	1037	15.54	3.36	3.39	15.51	-0.59	-2.89	-7.39	-2.93	-7.35	-0.43
6	2	1038	15.22	4.86	4.86	15.22	2.86e-02	0.48	-0.47	-7.96e-03	1.33e-02	-0.48
6	2	1039	17.28	4.25	4.34	17.19	-1.10	-2.64	-7.28	-2.79	-7.13	-0.83
6	2	1040	17.09	5.43	5.43	17.08	0.17	0.92	-0.92	-7.19e-03	1.28e-02	-0.92
6	2	1041	20.20	5.81	5.96	20.06	-1.42	-2.26	-7.08	-2.57	-6.77	-1.18
6	2	1042	20.28	6.39	6.41	20.26	0.52	1.31	-1.31	-5.90e-03	1.19e-02	-1.31
6	2	1043	24.36	8.13	8.26	24.22	-1.46	-1.79	-6.75	-2.26	-6.28	-1.45
6	2	1044	24.95	7.74	7.83	24.87	1.22	1.61	-1.60	-4.17e-03	1.06e-02	-1.61
6	2	1045	29.95	11.23	11.29	29.88	-1.11	-1.29	-6.27	-1.87	-5.70	-1.59
6	2	1046	31.36	9.50	9.76	31.10	2.36	1.79	-1.78	-2.53e-03	9.27e-03	-1.78
6	2	1047	37.35	15.06	15.06	37.35	-0.26	-0.81	-5.63	-1.41	-5.03	-1.59
6	2	1048	39.88	11.68	12.28	39.28	4.07	1.82	-1.82	-3.55e-03	1.14e-02	-1.82
6	2	1049	47.27	19.38	19.44	47.21	1.30	-0.44	-4.76	-0.94	-4.26	-1.39
6	2	1050	51.09	14.41	15.55	49.95	6.37	1.74	-1.72	-1.64e-02	3.43e-02	-1.73
6	2	1051	61.04	23.30	23.73	60.60	4.01	-0.27	-3.48	-0.54	-3.22	-0.89
6	2	1052	65.79	17.98	19.74	64.03	9.01	1.70	-1.62	-5.11e-02	0.14	-1.66
6	2	1053	83.36	22.95	24.49	81.82	9.53	0.15	-0.89	0.15	-0.89	-6.76e-02



6	2	1054	83.31	23.54	25.43	81.42	10.46	1.86	-1.57	3.68e-02	0.25	-1.71
6	2	1055	73.18	25.27	32.83	65.62	-17.46	3.60	2.67	3.31	2.96	-0.43
6	2	1056	57.90	21.17	23.65	55.41	-9.22	3.51	2.63	2.65	3.49	0.12
6	2	1057	45.69	16.79	17.56	44.92	-4.65	2.65	1.34	1.60	2.40	0.52
6	2	1058	36.60	12.20	12.37	36.43	-2.07	1.58	3.08e-02	0.59	1.02	0.74
6	2	1059	29.77	7.94	7.95	29.76	-0.58	0.49	-1.13	-0.31	-0.32	0.81
6	2	1060	24.65	4.33	4.33	24.64	0.21	-0.49	-2.10	-1.07	-1.53	0.77
6	2	1061	20.88	1.51	1.53	20.86	0.53	-1.32	-2.87	-1.67	-2.52	0.65
6	2	1062	18.27	-0.47	-0.46	18.26	0.52	-1.94	-3.42	-2.11	-3.25	0.47
6	2	1063	16.74	-1.65	-1.64	16.73	0.31	-2.32	-3.74	-2.37	-3.70	0.24
6	2	1064	16.23	-2.03	-2.03	16.23	-1.66e-06	-2.45	-3.85	-2.45	-3.85	
6	2	1065	16.74	-1.65	-1.64	16.73	-0.31	-2.32	-3.74	-2.37	-3.70	-0.24
6	2	1066	18.27	-0.47	-0.46	18.26	-0.52	-1.94	-3.42	-2.11	-3.25	-0.47
6	2	1067	20.88	1.51	1.53	20.86	-0.53	-1.32	-2.87	-1.67	-2.52	-0.65
6	2	1068	24.65	4.33	4.33	24.64	-0.21	-0.49	-2.10	-1.07	-1.53	-0.77
6	2	1069	29.77	7.94	7.95	29.76	0.58	0.49	-1.13	-0.31	-0.32	-0.81
6	2	1070	36.60	12.20	12.37	36.43	2.07	1.58	3.08e-02	0.59	1.02	-0.74
6	2	1071	45.69	16.79	17.56	44.92	4.65	2.65	1.34	1.60	2.40	-0.52
6	2	1072	57.90	21.17	23.65	55.41	9.22	3.51	2.63	2.65	3.49	-0.12
6	2	1073	73.18	25.27	32.83	65.62	17.46	3.60	2.67	3.31	2.96	0.43
6	2	1074	69.76	23.58	35.37	57.98	20.13	2.48	0.48	2.40	0.56	0.40
6	2	1075	54.36	21.52	27.54	48.34	12.71	1.71	-0.72	1.70	-0.71	0.17
6	2	1076	42.87	17.47	20.06	40.27	7.69	0.79	-1.31	0.79	-1.31	1.08e-02
6	2	1077	34.26	12.73	13.67	33.32	4.40	-0.16	-2.05	-0.16	-2.04	-0.11
6	2	1078	27.92	8.03	8.30	27.65	2.31	-0.99	-2.83	-1.01	-2.81	-0.18
6	2	1079	23.28	3.86	3.91	23.22	1.04	-1.69	-3.56	-1.71	-3.53	-0.21
6	2	1080	19.92	0.51	0.51	19.91	0.34	-2.25	-4.16	-2.27	-4.14	-0.20
6	2	1081	17.63	-1.91	-1.91	17.63	2.52e-02	-2.66	-4.62	-2.68	-4.61	-0.16
6	2	1082	16.29	-3.36	-3.36	16.29	-4.64e-02	-2.92	-4.90	-2.92	-4.90	-8.42e-02
6	2	1083	15.84	-3.84	-3.84	15.84	-1.47e-06	-3.00	-5.00	-3.00	-5.00	
6	2	1084	16.29	-3.36	-3.36	16.29	4.64e-02	-2.92	-4.90	-2.92	-4.90	8.42e-02
6	2	1085	17.63	-1.91	-1.91	17.63	-2.52e-02	-2.66	-4.62	-2.68	-4.61	0.16
6	2	1086	19.92	0.51	0.51	19.91	-0.34	-2.25	-4.16	-2.27	-4.14	0.20
6	2	1087	23.28	3.86	3.91	23.22	-1.04	-1.69	-3.56	-1.71	-3.53	0.21
6	2	1088	27.92	8.03	8.30	27.65	-2.31	-0.99	-2.83	-1.01	-2.81	0.18
6	2	1089	34.26	12.73	13.67	33.32	-4.40	-0.16	-2.05	-0.16	-2.04	0.11
6	2	1090	42.87	17.47	20.06	40.27	-7.69	0.79	-1.31	0.79	-1.31	-1.08e-02
6	2	1091	54.36	21.52	27.54	48.34	-12.71	1.71	-0.72	1.70	-0.71	-0.17
6	2	1092	69.76	23.58	35.37	57.98	-20.13	2.48	0.48	2.40	0.56	-0.40
6	2	1093	66.87	22.08	40.76	48.19	22.09	3.95	2.64	3.89	2.70	0.28
6	2	1094	52.83	18.42	28.22	43.03	15.53	3.58	3.04	3.18	3.44	0.24
6	2	1095	41.77	14.14	19.09	36.82	10.60	3.13	2.17	2.21	3.10	0.18
6	2	1096	33.52	9.34	11.62	31.23	7.07	2.72	1.34	1.35	2.71	0.13
6	2	1097	27.50	4.46	5.43	26.54	4.61	2.34	0.60	0.60	2.33	7.67e-02
6	2	1098	23.16	2.96e-02	0.40	22.79	2.91	1.97	-3.30e-02	-3.23e-02	1.97	3.82e-02
6	2	1099	20.08	-3.62	-3.49	19.95	1.76	1.64	-0.54	-0.54	1.64	1.33e-02
6	2	1100	18.02	-6.29	-6.26	17.98	0.98	1.38	-0.91	-0.91	1.38	1.00e-03
6	2	1101	16.82	-7.92	-7.91	16.81	0.43	1.22	-1.13	-1.13	1.22	-1.98e-03
6	2	1102	16.43	-8.46	-8.46	16.43	-1.28e-06	1.16	-1.21	-1.21	1.16	
6	2	1103	16.82	-7.92	-7.91	16.81	-0.43	1.22	-1.13	-1.13	1.22	1.98e-03
6	2	1104	18.02	-6.29	-6.26	17.98	-0.98	1.38	-0.91	-0.91	1.38	-1.00e-03
6	2	1105	20.08	-3.62	-3.49	19.95	-1.76	1.64	-0.54	-0.54	1.64	-1.33e-02
6	2	1106	23.16	2.96e-02	0.40	22.79	-2.91	1.97	-3.30e-02	-3.23e-02	1.97	-3.82e-02
6	2	1107	27.50	4.46	5.43	26.54	-4.61	2.34	0.60	0.60	2.33	-7.67e-02
6	2	1108	33.52	9.34	11.62	31.23	-7.07	2.72	1.34	1.35	2.71	-0.13
6	2	1109	41.77	14.14	19.09	36.82	-10.60	3.13	2.17	2.21	3.10	-0.18
6	2	1110	52.83	18.42	28.22	43.03	-15.53	3.58	3.04	3.18	3.44	-0.24
6	2	1111	66.88	22.08	40.76	48.19	-22.09	3.95	2.64	3.89	2.70	-0.28
6	2	1112	64.84	19.10	40.73	43.21	-22.84	2.79	0.66	2.72	0.72	-0.36
6	2	1113	51.11	16.44	30.65	36.90	-17.05	2.05	-0.43	2.02	-0.40	-0.27
6	2	1114	40.09	12.92	21.08	31.93	-12.46	1.21	-0.66	1.18	-0.63	-0.21
6	2	1115	31.68	8.69	12.93	27.44	-8.92	0.37	-0.89	0.34	-0.87	-0.17
6	2	1116	25.59	4.15	6.16	23.58	-6.26	-0.35	-1.13	-0.38	-1.10	-0.14
6	2	1117	21.33	-0.21	0.67	20.45	-4.28	-0.94	-1.35	-0.98	-1.31	-0.12
6	2	1118	18.41	-3.93	-3.58	18.05	-2.80	-1.38	-1.56	-1.45	-1.49	-8.69e-02
6	2	1119	16.49	-6.72	-6.60	16.37	-1.68	-1.61	-1.81	-1.79	-1.63	-5.82e-02
6	2	1120	15.40	-8.44	-8.42	15.38	-0.79	-1.72	-2.00	-1.99	-1.72	-2.92e-02
6	2	1121	15.05	-9.02	-9.02	15.05	-1.09e-06	-1.75	-2.06	-2.06	-1.75	
6	2	1122	15.40	-8.44	-8.42	15.38	0.79	-1.72	-2.00	-1.99	-1.72	2.92e-02
6	2	1123	16.49	-6.72	-6.60	16.37	1.68	-1.61	-1.81	-1.79	-1.63	5.82e-02
6	2	1124	18.41	-3.93	-3.58	18.05	2.80	-1.38	-1.56	-1.45	-1.49	8.69e-02
6	2	1125	21.33	-0.21	0.67	20.45	4.28	-0.94	-1.35	-0.98	-1.31	0.12
6	2	1126	25.59	4.15	6.16	23.58	6.26	-0.35	-1.13	-0.38	-1.10	0.14
6	2	1127	31.68	8.69	12.93	27.44	8.92	0.37	-0.89	0.34	-0.87	0.17
6	2	1128	40.09	12.92	21.08	31.93	12.46	1.21	-0.66	1.18	-0.63	0.21
6	2	1129	51.11	16.44	30.65	36.90	17.05	2.05	-0.43	2.02	-0.40	0.27
6	2	1130	64.84	19.10	40.73	43.21	22.84	2.79	0.66	2.72	0.72	0.36



6	2	1131	62.87	16.15	43.61	35.41	-22.99	3.97	2.57	3.96	2.58	-8.67e-02
6	2	1132	48.97	13.54	29.97	32.53	-17.67	3.61	3.25	3.32	3.54	-0.14
6	2	1133	38.15	9.98	19.49	28.63	-13.32	3.45	2.39	2.41	3.43	-0.14
6	2	1134	30.08	5.74	10.78	25.05	-9.86	3.30	1.60	1.61	3.29	-0.13
6	2	1135	24.38	1.08	3.53	21.93	-7.15	3.19	0.93	0.94	3.18	-0.12
6	2	1136	20.49	-3.46	-2.35	19.38	-5.04	3.10	0.38	0.38	3.10	-9.71e-02
6	2	1137	17.87	-7.36	-6.89	17.40	-3.40	3.04	-5.39e-02	-5.20e-02	3.04	-7.62e-02
6	2	1138	16.18	-10.30	-10.13	16.01	-2.09	2.99	-0.36	-0.36	2.99	-5.26e-02
6	2	1139	15.22	-12.10	-12.07	15.18	-0.99	2.97	-0.55	-0.55	2.97	-2.68e-02
6	2	1140	14.90	-12.71	-12.71	14.90	-1.07e-06	2.96	-0.61	-0.61	2.96	
6	2	1141	15.22	-12.10	-12.07	15.18	0.99	2.97	-0.55	-0.55	2.97	2.68e-02
6	2	1142	16.18	-10.30	-10.13	16.01	2.09	2.99	-0.36	-0.36	2.99	5.26e-02
6	2	1143	17.87	-7.36	-6.89	17.40	3.40	3.04	-5.39e-02	-5.20e-02	3.04	7.62e-02
6	2	1144	20.49	-3.46	-2.35	19.38	5.04	3.10	0.38	0.38	3.10	9.71e-02
6	2	1145	24.38	1.08	3.53	21.93	7.15	3.19	0.93	0.94	3.18	0.12
6	2	1146	30.08	5.74	10.78	25.05	9.86	3.30	1.60	1.61	3.29	0.13
6	2	1147	38.15	9.98	19.49	28.63	13.32	3.45	2.39	2.41	3.43	0.14
6	2	1148	48.97	13.54	29.97	32.53	17.67	3.61	3.25	3.32	3.54	0.14
6	2	1149	62.87	16.15	43.61	35.41	22.99	3.97	2.57	3.96	2.58	8.67e-02
6	2	1150	60.03	13.90	42.19	31.74	-22.47	2.72	0.65	2.71	0.66	-0.13
6	2	1151	47.05	11.48	31.26	27.27	-17.67	2.07	-0.40	2.06	-0.40	-6.89e-02
6	2	1152	36.21	8.69	20.78	24.11	-13.66	1.26	-0.53	1.26	-0.52	-4.92e-02
6	2	1153	27.89	5.12	11.74	21.27	-10.34	0.46	-0.63	0.46	-0.62	-4.22e-02
6	2	1154	22.07	0.90	4.19	18.78	-7.67	-0.21	-0.72	-0.22	-0.71	-3.71e-02
6	2	1155	18.24	-3.45	-1.94	16.73	-5.52	-0.74	-0.81	-0.77	-0.78	-3.15e-02
6	2	1156	15.77	-7.32	-6.68	15.13	-3.79	-0.83	-1.19	-1.19	-0.83	-2.49e-02
6	2	1157	14.23	-10.29	-10.06	14.00	-2.36	-0.86	-1.50	-1.50	-0.87	-1.72e-02
6	2	1158	13.37	-12.13	-12.08	13.32	-1.13	-0.88	-1.68	-1.68	-0.88	-8.83e-03
6	2	1159	13.09	-12.75	-12.75	13.09	-1.06e-06	-0.89	-1.74	-1.74	-0.89	
6	2	1160	13.37	-12.13	-12.08	13.32	1.13	-0.88	-1.68	-1.68	-0.88	8.83e-03
6	2	1161	14.23	-10.29	-10.06	14.00	2.36	-0.86	-1.50	-1.50	-0.87	1.72e-02
6	2	1162	15.77	-7.32	-6.68	15.13	3.79	-0.83	-1.19	-1.19	-0.83	2.49e-02
6	2	1163	18.24	-3.45	-1.94	16.73	5.52	-0.74	-0.81	-0.77	-0.78	3.15e-02
6	2	1164	22.07	0.90	4.19	18.78	7.67	-0.21	-0.72	-0.22	-0.71	3.71e-02
6	2	1165	27.89	5.12	11.74	21.27	10.34	0.46	-0.63	0.46	-0.62	4.22e-02
6	2	1166	36.21	8.69	20.78	24.11	13.66	1.26	-0.53	1.26	-0.52	4.92e-02
6	2	1167	47.05	11.48	31.26	27.27	17.67	2.07	-0.40	2.06	-0.40	6.89e-02
6	2	1168	60.03	13.90	42.19	31.74	22.47	2.72	0.65	2.71	0.66	0.13
6	2	1169	58.04	10.72	43.71	25.05	-21.75	3.91	2.35	3.89	2.37	0.17
6	2	1170	44.11	9.20	29.69	23.61	-17.19	3.42	3.20	3.26	3.36	9.84e-02
6	2	1171	33.35	6.48	18.62	21.21	-13.38	3.27	2.36	2.37	3.27	7.32e-02
6	2	1172	25.47	2.83	9.29	19.01	-10.23	3.17	1.58	1.58	3.17	6.28e-02
6	2	1173	20.22	-1.64	1.49	17.10	-7.65	3.10	0.92	0.92	3.10	5.43e-02
6	2	1174	16.93	-6.26	-4.84	15.51	-5.55	3.06	0.38	0.38	3.06	4.50e-02
6	2	1175	14.86	-10.34	-9.74	14.26	-3.84	3.03	-3.79e-02	-3.75e-02	3.03	3.46e-02
6	2	1176	13.59	-13.43	-13.22	13.37	-2.41	3.01	-0.34	-0.34	3.01	2.35e-02
6	2	1177	12.88	-15.35	-15.30	12.84	-1.16	3.00	-0.52	-0.52	3.00	1.19e-02
6	2	1178	12.66	-15.99	-15.99	12.66	-1.17e-06	2.99	-0.58	-0.58	2.99	
6	2	1179	12.88	-15.35	-15.30	12.84	1.16	3.00	-0.52	-0.52	3.00	-1.19e-02
6	2	1180	13.59	-13.43	-13.22	13.37	2.41	3.01	-0.34	-0.34	3.01	-2.35e-02
6	2	1181	14.86	-10.34	-9.74	14.26	3.84	3.03	-3.79e-02	-3.75e-02	3.03	-3.46e-02
6	2	1182	16.93	-6.26	-4.84	15.51	5.55	3.06	0.38	0.38	3.06	-4.50e-02
6	2	1183	20.22	-1.64	1.49	17.10	7.65	3.10	0.92	0.92	3.10	-5.43e-02
6	2	1184	25.47	2.83	9.29	19.01	10.23	3.17	1.58	1.58	3.17	-6.28e-02
6	2	1185	33.35	6.48	18.62	21.21	13.38	3.27	2.36	2.37	3.27	-7.32e-02
6	2	1186	44.11	9.20	29.69	23.61	17.19	3.42	3.20	3.26	3.36	-9.84e-02
6	2	1187	58.04	10.72	43.71	25.05	21.75	3.91	2.35	3.89	2.37	-0.17
6	2	1188	54.58	9.17	41.67	22.08	-20.48	2.66	0.53	2.65	0.53	8.96e-02
6	2	1189	41.88	7.37	30.28	18.97	-16.31	2.02	-0.57	2.01	-0.56	0.16
6	2	1190	31.08	5.39	19.33	17.14	-12.80	1.21	-0.72	1.19	-0.70	0.17
6	2	1191	22.94	2.42	9.84	15.52	-9.86	0.41	-0.83	0.39	-0.81	0.16
6	2	1192	17.62	-1.62	1.90	14.11	-7.44	-0.26	-0.93	-0.30	-0.90	0.14
6	2	1193	14.48	-6.10	-4.55	12.93	-5.44	-0.77	-1.05	-0.85	-0.97	0.12
6	2	1194	12.64	-10.17	-9.53	11.99	-3.79	-0.99	-1.31	-1.28	-1.02	9.38e-02
6	2	1195	11.56	-13.29	-13.06	11.32	-2.39	-1.05	-1.59	-1.58	-1.06	6.39e-02
6	2	1196	10.97	-15.23	-15.17	10.92	-1.15	-1.08	-1.77	-1.77	-1.08	3.24e-02
6	2	1197	10.79	-15.88	-15.88	10.79	-1.31e-06	-1.09	-1.83	-1.83	-1.09	
6	2	1198	10.97	-15.23	-15.17	10.92	1.15	-1.08	-1.77	-1.77	-1.08	-3.24e-02
6	2	1199	11.56	-13.29	-13.06	11.32	2.39	-1.05	-1.59	-1.58	-1.06	-6.39e-02
6	2	1200	12.64	-10.17	-9.53	11.99	3.79	-0.99	-1.31	-1.28	-1.02	-9.38e-02
6	2	1201	14.48	-6.10	-4.55	12.93	5.44	-0.77	-1.05	-0.85	-0.97	-0.12
6	2	1202	17.62	-1.62	1.90	14.11	7.44	-0.26	-0.93	-0.30	-0.90	-0.14
6	2	1203	22.94	2.42	9.84	15.52	9.86	0.41	-0.83	0.39	-0.81	-0.16
6	2	1204	31.08	5.39	19.33	17.14	12.80	1.21	-0.72	1.19	-0.70	-0.17
6	2	1205	41.88	7.37	30.28	18.97	16.31	2.02	-0.57	2.01	-0.56	-0.16
6	2	1206	54.58	9.17	41.67	22.08	20.48	2.66	0.53	2.65	0.53	-8.96e-02
6	2	1207	52.70	5.85	42.46	16.09	-19.36	3.93	2.12	3.83	2.22	0.40



6	2	1208	38.56	5.40	28.08	15.88	-15.42	3.51	2.88	3.19	3.19	0.32
6	2	1209	27.85	3.51	16.66	14.70	-12.13	3.15	2.19	2.28	3.07	0.28
6	2	1210	20.29	0.35	7.03	13.61	-9.41	2.96	1.42	1.47	2.92	0.25
6	2	1211	15.72	-4.07	-1.01	12.66	-7.15	2.83	0.75	0.78	2.81	0.22
6	2	1212	13.20	-8.86	-7.51	11.85	-5.28	2.73	0.20	0.21	2.72	0.18
6	2	1213	11.77	-13.09	-12.53	11.21	-3.70	2.66	-0.23	-0.22	2.65	0.14
6	2	1214	10.94	-16.29	-16.08	10.74	-2.35	2.61	-0.54	-0.54	2.60	9.65e-02
6	2	1215	10.50	-18.25	-18.21	10.45	-1.14	2.58	-0.73	-0.72	2.57	4.89e-02
6	2	1216	10.36	-18.91	-18.91	10.36	-1.37e-06	2.57	-0.79	-0.79	2.57	
6	2	1217	10.50	-18.25	-18.21	10.45	1.14	2.58	-0.73	-0.72	2.57	-4.89e-02
6	2	1218	10.94	-16.29	-16.08	10.74	2.35	2.61	-0.54	-0.54	2.60	-9.65e-02
6	2	1219	11.77	-13.09	-12.53	11.21	3.70	2.66	-0.23	-0.22	2.65	-0.14
6	2	1220	13.20	-8.86	-7.51	11.85	5.28	2.73	0.20	0.21	2.72	-0.18
6	2	1221	15.72	-4.07	-1.01	12.66	7.15	2.83	0.75	0.78	2.81	-0.22
6	2	1222	20.29	0.35	7.03	13.61	9.41	2.96	1.42	1.47	2.92	-0.25
6	2	1223	27.85	3.51	16.66	14.70	12.13	3.15	2.19	2.28	3.07	-0.28
6	2	1224	38.56	5.40	28.08	15.88	15.42	3.51	2.88	3.19	3.19	-0.32
6	2	1225	52.70	5.85	42.46	16.09	19.36	3.93	2.12	3.83	2.22	-0.40
6	2	1226	48.74	4.75	39.74	13.75	-17.75	2.63	0.34	2.59	0.37	0.28
6	2	1227	36.31	3.57	28.02	11.85	-14.24	1.96	-0.84	1.91	-0.79	0.34
6	2	1228	25.69	2.32	16.86	11.15	-11.33	1.10	-1.07	1.05	-1.02	0.34
6	2	1229	17.93	-0.14	7.26	10.53	-8.89	0.25	-1.28	0.19	-1.22	0.31
6	2	1230	13.30	-4.08	-0.74	9.97	-6.84	-0.47	-1.49	-0.54	-1.42	0.26
6	2	1231	10.91	-8.64	-7.19	9.47	-5.11	-1.05	-1.67	-1.14	-1.58	0.22
6	2	1232	9.66	-12.75	-12.15	9.06	-3.63	-1.48	-1.84	-1.60	-1.72	0.17
6	2	1233	8.97	-15.88	-15.66	8.75	-2.32	-1.75	-2.00	-1.93	-1.82	0.11
6	2	1234	8.61	-17.80	-17.75	8.56	-1.13	-1.87	-2.14	-2.13	-1.88	5.64e-02
6	2	1235	8.50	-18.45	-18.45	8.50	-1.46e-06	-1.90	-2.20	-2.20	-1.90	
6	2	1236	8.61	-17.80	-17.75	8.56	1.13	-1.87	-2.14	-2.13	-1.88	-5.64e-02
6	2	1237	8.97	-15.88	-15.66	8.75	2.32	-1.75	-2.00	-1.93	-1.82	-0.11
6	2	1238	9.66	-12.75	-12.15	9.06	3.63	-1.48	-1.84	-1.60	-1.72	-0.17
6	2	1239	10.91	-8.64	-7.19	9.47	5.11	-1.05	-1.67	-1.14	-1.58	-0.22
6	2	1240	13.30	-4.08	-0.74	9.97	6.84	-0.47	-1.49	-0.54	-1.42	-0.26
6	2	1241	17.93	-0.14	7.26	10.53	8.89	0.25	-1.28	0.19	-1.22	-0.31
6	2	1242	25.69	2.32	16.86	11.15	11.33	1.10	-1.07	1.05	-1.02	-0.34
6	2	1243	36.31	3.57	28.02	11.85	14.24	1.96	-0.84	1.91	-0.79	-0.34
6	2	1244	48.74	4.75	39.74	13.75	17.75	2.63	0.34	2.59	0.37	-0.28
6	2	1245	46.71	1.39	39.58	8.53	-16.50	3.90	1.88	3.72	2.05	0.57
6	2	1246	32.72	1.78	25.03	9.47	-13.37	3.43	2.55	3.04	2.94	0.44
6	2	1247	22.50	0.45	13.63	9.32	-10.81	2.83	1.90	2.07	2.66	0.36
6	2	1248	15.63	-2.38	4.14	9.11	-8.65	2.42	1.12	1.19	2.35	0.30
6	2	1249	11.84	-6.69	-3.71	8.86	-6.80	2.09	0.40	0.44	2.06	0.25
6	2	1250	9.96	-11.35	-10.01	8.62	-5.19	1.82	-0.21	-0.19	1.80	0.20
6	2	1251	8.98	-15.42	-14.84	8.40	-3.74	1.60	-0.69	-0.68	1.59	0.15
6	2	1252	8.44	-18.47	-18.24	8.22	-2.43	1.43	-1.03	-1.03	1.43	9.61e-02
6	2	1253	8.16	-20.32	-20.27	8.11	-1.19	1.33	-1.24	-1.24	1.33	4.78e-02
6	2	1254	8.07	-20.95	-20.95	8.07	-1.30e-06	1.30	-1.31	-1.31	1.30	
6	2	1255	8.16	-20.32	-20.27	8.11	1.19	1.33	-1.24	-1.24	1.33	-4.78e-02
6	2	1256	8.44	-18.47	-18.24	8.22	2.43	1.43	-1.03	-1.03	1.43	-9.61e-02
6	2	1257	8.98	-15.42	-14.84	8.40	3.74	1.60	-0.69	-0.68	1.59	-0.15
6	2	1258	9.96	-11.35	-10.01	8.62	5.19	1.82	-0.21	-0.19	1.80	-0.20
6	2	1259	11.84	-6.69	-3.71	8.86	6.80	2.09	0.40	0.44	2.06	-0.25
6	2	1260	15.63	-2.38	4.14	9.11	8.65	2.42	1.12	1.19	2.35	-0.30
6	2	1261	22.50	0.45	13.63	9.32	10.81	2.83	1.90	2.07	2.66	-0.36
6	2	1262	32.72	1.78	25.03	9.47	13.37	3.43	2.55	3.04	2.94	-0.44
6	2	1263	46.71	1.39	39.58	8.53	16.50	3.90	1.88	3.72	2.05	-0.57
6	2	1264	41.90	0.70	35.46	7.14	-14.96	2.40	-2.25e-02	2.34	3.74e-02	0.38
6	2	1265	30.52	-0.19	24.01	6.32	-12.55	1.65	-1.35	1.61	-1.31	0.34
6	2	1266	20.91	-1.16	13.29	6.46	-10.49	0.70	-1.81	0.67	-1.78	0.27
6	2	1267	14.10	-3.38	4.21	6.52	-8.66	-0.24	-2.28	-0.26	-2.26	0.19
6	2	1268	10.14	-6.92	-3.26	6.47	-7.01	-1.06	-2.75	-1.07	-2.74	0.13
6	2	1269	8.11	-10.96	-9.23	6.38	-5.47	-1.74	-3.18	-1.74	-3.18	8.41e-02
6	2	1270	7.05	-14.56	-13.78	6.27	-4.03	-2.27	-3.55	-2.27	-3.54	5.04e-02
6	2	1271	6.47	-17.29	-16.99	6.17	-2.66	-2.65	-3.83	-2.65	-3.82	2.73e-02
6	2	1272	6.17	-18.97	-18.90	6.10	-1.32	-2.88	-4.00	-2.88	-4.00	1.17e-02
6	2	1273	6.07	-19.53	-19.53	6.07	-1.17e-06	-2.96	-4.06	-2.96	-4.06	
6	2	1274	6.17	-18.97	-18.90	6.10	1.32	-2.88	-4.00	-2.88	-4.00	-1.17e-02
6	2	1275	6.47	-17.29	-16.99	6.17	2.66	-2.65	-3.83	-2.65	-3.82	-2.73e-02
6	2	1276	7.05	-14.56	-13.78	6.27	4.03	-2.27	-3.55	-2.27	-3.54	-5.04e-02
6	2	1277	8.11	-10.96	-9.23	6.38	5.47	-1.74	-3.18	-1.74	-3.18	-8.41e-02
6	2	1278	10.14	-6.92	-3.26	6.47	7.01	-1.06	-2.75	-1.07	-2.74	-0.13
6	2	1279	14.10	-3.38	4.21	6.52	8.66	-0.24	-2.28	-0.26	-2.26	-0.19
6	2	1280	20.91	-1.16	13.29	6.46	10.49	0.70	-1.81	0.67	-1.78	-0.27
6	2	1281	30.52	-0.19	24.01	6.32	12.55	1.65	-1.35	1.61	-1.31	-0.34
6	2	1282	41.90	0.70	35.46	7.14	14.96	2.40	-2.25e-02	2.34	3.74e-02	-0.38
6	2	1283	38.83	-2.04	33.50	3.29	-13.76	3.42	1.57	3.27	1.71	0.50
6	2	1284	26.46	-1.56	19.89	5.00	-11.87	2.67	2.14	2.55	2.27	0.22



6	2	1285	17.93	-2.98	9.54	5.41	-10.25	1.63	1.49	1.51	1.61	4.45e-02
6	2	1286	12.33	-5.66	1.09	5.58	-8.71	0.88	0.54	0.56	0.86	-7.45e-02
6	2	1287	9.10	-9.30	-5.82	5.62	-7.21	0.17	-0.33	-0.28	0.13	-0.15
6	2	1288	7.35	-13.07	-11.31	5.59	-5.73	-0.49	-1.05	-0.99	-0.55	-0.17
6	2	1289	6.36	-16.33	-15.49	5.52	-4.28	-1.07	-1.61	-1.55	-1.13	-0.17
6	2	1290	5.78	-18.76	-18.43	5.45	-2.84	-1.53	-2.00	-1.96	-1.57	-0.13
6	2	1291	5.47	-20.25	-20.17	5.39	-1.42	-1.83	-2.22	-2.21	-1.84	-6.93e-02
6	2	1292	5.37	-20.75	-20.75	5.37		-1.94	-2.29	-2.29	-1.94	
6	2	1293	5.47	-20.25	-20.17	5.39	1.42	-1.83	-2.22	-2.21	-1.84	6.93e-02
6	2	1294	5.78	-18.76	-18.43	5.45	2.84	-1.53	-2.00	-1.96	-1.57	0.13
6	2	1295	6.36	-16.33	-15.49	5.52	4.28	-1.07	-1.61	-1.55	-1.13	0.17
6	2	1296	7.35	-13.07	-11.31	5.59	5.73	-0.49	-1.05	-0.99	-0.55	0.17
6	2	1297	9.10	-9.30	-5.82	5.62	7.21	0.17	-0.33	-0.28	0.13	0.15
6	2	1298	12.33	-5.66	1.09	5.58	8.71	0.88	0.54	0.56	0.86	7.45e-02
6	2	1299	17.93	-2.98	9.54	5.41	10.25	1.63	1.49	1.51	1.61	-4.45e-02
6	2	1300	26.46	-1.56	19.89	5.00	11.87	2.67	2.14	2.55	2.27	-0.22
6	2	1301	38.83	-2.04	33.50	3.29	13.76	3.42	1.57	3.27	1.71	-0.50
6	2	1302	32.94	-2.19	27.39	3.37	-12.82	1.56	-0.66	1.55	-0.65	0.13
6	2	1303	24.54	-3.69	17.83	3.03	-12.02	0.86	-2.23	0.85	-2.22	-0.13
6	2	1304	17.28	-5.09	8.91	3.28	-10.82	-3.71e-02	-3.10	-8.00e-02	-3.06	-0.36
6	2	1305	11.91	-7.12	1.39	3.40	-9.46	-0.92	-4.03	-1.01	-3.94	-0.51
6	2	1306	8.30	-9.66	-4.79	3.42	-7.99	-1.70	-4.90	-1.81	-4.79	-0.57
6	2	1307	6.02	-12.35	-9.71	3.38	-6.45	-2.37	-5.65	-2.47	-5.56	-0.56
6	2	1308	4.61	-14.77	-13.46	3.30	-4.87	-2.91	-6.26	-2.98	-6.19	-0.48
6	2	1309	3.77	-16.64	-16.10	3.23	-3.26	-3.32	-6.69	-3.36	-6.66	-0.35
6	2	1310	3.31	-17.80	-17.67	3.18	-1.63	-3.57	-6.96	-3.58	-6.95	-0.18
6	2	1311	3.17	-18.19	-18.19	3.17		-3.65	-7.04	-3.65	-7.04	
6	2	1312	3.31	-17.80	-17.67	3.18	1.63	-3.57	-6.96	-3.58	-6.95	0.18
6	2	1313	3.77	-16.64	-16.10	3.23	3.26	-3.32	-6.69	-3.36	-6.66	0.35
6	2	1314	4.61	-14.77	-13.46	3.30	4.87	-2.91	-6.26	-2.98	-6.19	0.48
6	2	1315	6.02	-12.35	-9.71	3.38	6.45	-2.37	-5.65	-2.47	-5.56	0.56
6	2	1316	8.30	-9.66	-4.79	3.42	7.99	-1.70	-4.90	-1.81	-4.79	0.57
6	2	1317	11.91	-7.12	1.39	3.40	9.46	-0.92	-4.03	-1.01	-3.94	0.51
6	2	1318	17.28	-5.09	8.91	3.28	10.82	-3.71e-02	-3.10	-8.00e-02	-3.06	0.36
6	2	1319	24.54	-3.69	17.83	3.03	12.02	0.86	-2.23	0.85	-2.22	0.13
6	2	1320	32.94	-2.19	27.39	3.37	12.82	1.56	-0.66	1.55	-0.65	-0.13
6	2	1321	28.33	-3.33	23.28	1.72	-11.59	2.10	1.24	2.10	1.25	-4.45e-02
6	2	1322	19.76	-3.93	13.19	2.64	-10.61	2.02	0.77	1.48	1.31	-0.62
6	2	1323	13.63	-5.51	5.44	2.68	-9.47	1.33	-0.63	0.56	0.14	-0.96
6	2	1324	9.23	-7.58	-0.96	2.61	-8.21	0.51	-1.87	-0.29	-1.07	-1.13
6	2	1325	6.28	-10.02	-6.23	2.50	-6.88	-0.31	-2.88	-1.02	-2.18	-1.15
6	2	1326	4.41	-12.51	-10.46	2.36	-5.52	-1.08	-3.66	-1.61	-3.12	-1.05
6	2	1327	3.24	-14.71	-13.70	2.23	-4.13	-1.73	-4.22	-2.08	-3.87	-0.86
6	2	1328	2.53	-16.39	-15.98	2.12	-2.75	-2.23	-4.58	-2.40	-4.41	-0.61
6	2	1329	2.15	-17.44	-17.34	2.05	-1.38	-2.55	-4.79	-2.60	-4.74	-0.32
6	2	1330	2.02	-17.79	-17.79	2.02		-2.66	-4.85	-2.66	-4.85	
6	2	1331	2.15	-17.44	-17.34	2.05	1.38	-2.55	-4.79	-2.60	-4.74	0.32
6	2	1332	2.53	-16.39	-15.98	2.12	2.75	-2.23	-4.58	-2.40	-4.41	0.61
6	2	1333	3.24	-14.71	-13.70	2.23	4.13	-1.73	-4.22	-2.08	-3.87	0.86
6	2	1334	4.41	-12.51	-10.46	2.36	5.52	-1.08	-3.66	-1.61	-3.12	1.05
6	2	1335	6.28	-10.02	-6.23	2.50	6.88	-0.31	-2.88	-1.02	-2.18	1.15
6	2	1336	9.23	-7.58	-0.96	2.61	8.21	0.51	-1.87	-0.29	-1.07	1.13
6	2	1337	13.63	-5.51	5.44	2.68	9.47	1.33	-0.63	0.56	0.14	0.96
6	2	1338	19.76	-3.93	13.19	2.64	10.61	2.02	0.77	1.48	1.31	0.62
6	2	1339	28.33	-3.33	23.28	1.72	11.59	2.10	1.24	2.10	1.25	4.45e-02
6	2	1340	24.44	-3.74	18.64	2.06	-11.40	-0.13	-1.66	-0.31	-1.48	-0.50
6	2	1341	18.17	-5.38	11.89	0.91	-10.42	9.16e-02	-3.10	-0.35	-2.65	-1.10
6	2	1342	12.49	-6.34	5.37	0.77	-9.13	5.84e-02	-3.61	-0.64	-2.91	-1.44
6	2	1343	7.95	-7.59	-0.34	0.70	-7.75	-0.11	-3.87	-0.94	-3.03	-1.56
6	2	1344	4.73	-9.26	-5.16	0.62	-6.37	-0.34	-3.94	-1.18	-3.10	-1.52
6	2	1345	2.68	-11.21	-9.07	0.54	-5.02	-0.63	-3.86	-1.36	-3.13	-1.35
6	2	1346	1.48	-13.11	-12.09	0.47	-3.71	-0.95	-3.67	-1.50	-3.13	-1.09
6	2	1347	0.80	-14.64	-14.24	0.41	-2.45	-1.27	-3.44	-1.59	-3.12	-0.76
6	2	1348	0.46	-15.62	-15.53	0.37	-1.21	-1.54	-3.21	-1.64	-3.11	-0.39
6	2	1349	0.35	-15.95	-15.95	0.35		-1.65	-3.11	-1.65	-3.11	
6	2	1350	0.46	-15.62	-15.53	0.37	1.21	-1.54	-3.21	-1.64	-3.11	0.39
6	2	1351	0.80	-14.64	-14.24	0.41	2.45	-1.27	-3.44	-1.59	-3.12	0.76
6	2	1352	1.48	-13.11	-12.09	0.47	3.71	-0.95	-3.67	-1.50	-3.13	1.09
6	2	1353	2.68	-11.21	-9.07	0.54	5.02	-0.63	-3.86	-1.36	-3.13	1.35
6	2	1354	4.73	-9.26	-5.16	0.62	6.37	-0.34	-3.94	-1.18	-3.10	1.52
6	2	1355	7.95	-7.59	-0.34	0.70	7.75	-0.11	-3.87	-0.94	-3.03	1.56
6	2	1356	12.49	-6.34	5.37	0.77	9.13	5.84e-02	-3.61	-0.64	-2.91	1.44
6	2	1357	18.17	-5.38	11.89	0.91	10.42	9.16e-02	-3.10	-0.35	-2.65	1.10
6	2	1358	24.44	-3.74	18.64	2.06	11.40	-0.13	-1.66	-0.31	-1.48	0.50
6	2	1359	16.55	-2.10	14.74	-0.29	-5.52	0.49	-1.54	-0.33	-0.72	-0.99
6	2	1360	10.80	-1.65	9.20	-5.59e-02	-4.16	1.30	-0.60	0.14	0.55	-0.93
6	2	1361	5.48	-2.15	3.53	-0.20	-3.33	2.19	-0.21	0.44	1.55	-1.06



6	2	1362	1.87	-3.69	-1.55	-0.27	-2.71	3.16	0.19	0.71	2.63	-1.13
6	2	1363	0.41	-6.64	-5.91	-0.33	-2.15	4.10	0.59	0.98	3.71	-1.10
6	2	1364	-7.91e-02	-9.78	-9.49	-0.37	-1.65	4.94	0.97	1.23	4.67	-0.98
6	2	1365	-0.28	-12.40	-12.29	-0.40	-1.19	5.63	1.28	1.43	5.48	-0.80
6	2	1366	-0.38	-14.33	-14.28	-0.43	-0.77	6.14	1.52	1.58	6.07	-0.56
6	2	1367	-0.43	-15.49	-15.48	-0.44	-0.38	6.46	1.66	1.68	6.44	-0.29
6	2	1368	-0.45	-15.88	-15.88	-0.45		6.56	1.71	1.71	6.56	
6	2	1369	-0.43	-15.49	-15.48	-0.44	0.38	6.46	1.66	1.68	6.44	0.29
6	2	1370	-0.38	-14.33	-14.28	-0.43	0.77	6.14	1.52	1.58	6.07	0.56
6	2	1371	-0.28	-12.40	-12.29	-0.40	1.19	5.63	1.28	1.43	5.48	0.80
6	2	1372	-7.91e-02	-9.78	-9.49	-0.37	1.65	4.94	0.97	1.23	4.67	0.98
6	2	1373	0.41	-6.64	-5.91	-0.33	2.15	4.10	0.59	0.98	3.71	1.10
6	2	1374	1.87	-3.69	-1.55	-0.27	2.71	3.16	0.19	0.71	2.63	1.13
6	2	1375	5.48	-2.15	3.53	-0.20	3.33	2.19	-0.21	0.44	1.55	1.06
6	2	1376	10.80	-1.65	9.20	-5.59e-02	4.16	1.30	-0.60	0.14	0.55	0.93
6	2	1377	16.55	-2.10	14.74	-0.29	5.52	0.49	-1.54	-0.33	-0.72	0.99
6	2	1689	82.16	23.77	24.17	81.76	-4.83	1.52	-2.63	2.16e-02	-1.14	1.99
6	2	1690	81.88	24.68	25.32	81.24	-6.00	3.92	-3.64	2.08e-02	0.26	3.78
6	2	1691	60.12	23.23	23.24	60.11	0.59	0.99	-5.44	-0.72	-3.73	2.85
6	2	1692	63.90	19.03	19.52	63.41	-4.67	3.71	-3.62	-5.54e-02	0.15	3.67
6	2	1693	46.64	18.19	18.55	46.28	3.18	0.70	-6.92	-1.24	-4.98	3.32
6	2	1694	48.93	15.04	15.19	48.78	-2.23	3.71	-3.69	-1.64e-02	3.48e-02	3.70
6	2	1695	36.84	12.86	13.74	35.95	4.52	0.12	-7.93	-1.83	-5.98	3.45
6	2	1696	37.53	11.74	11.74	37.53	-0.19	3.73	-3.72	-3.72e-03	1.01e-02	3.72
6	2	1697	29.27	8.22	9.51	27.97	5.06	-0.61	-8.68	-2.40	-6.89	3.35
6	2	1698	28.79	8.96	9.03	28.72	1.17	3.59	-3.59	-3.53e-03	8.08e-03	3.59
6	2	1699	23.21	4.54	5.98	21.77	4.98	-1.42	-9.21	-2.92	-7.71	3.07
6	2	1700	22.04	6.67	6.90	21.81	1.86	3.29	-3.29	-5.82e-03	9.48e-03	3.29
6	2	1701	18.30	1.85	3.14	17.02	4.41	-2.22	-9.57	-3.35	-8.44	2.65
6	2	1702	16.82	4.92	5.26	16.48	1.99	2.83	-2.83	-8.11e-03	1.09e-02	2.83
6	2	1703	14.40	5.11e-02	0.94	13.51	3.45	-2.98	-9.76	-3.71	-9.03	2.11
6	2	1704	12.82	3.73	4.04	12.51	1.65	2.25	-2.25	-9.96e-03	1.18e-02	2.25
6	2	1705	11.52	-1.05	-0.67	11.13	2.17	-3.61	-9.85	-3.97	-9.48	1.47
6	2	1706	9.91	3.06	3.20	9.78	0.96	1.57	-1.57	-1.13e-02	1.25e-02	1.57
6	2	1707	9.85	-1.74	-1.70	9.81	0.66	-4.05	-9.88	-4.15	-9.78	0.76
6	2	1708	8.20	2.72	2.72	8.20	5.97e-03	0.82	-0.82	-1.23e-02	1.30e-02	0.82
6	2	1709	9.58	-2.28	-2.19	9.50	-1.01	-4.25	-9.90	-4.25	-9.90	1.60e-02
6	2	1710	7.97	2.35	2.58	7.74	-1.12	3.02e-02	-2.98e-02	-1.29e-02	1.33e-02	2.70e-02
6	2	1711	10.79	-2.73	-2.14	10.20	-2.76	-4.15	-9.96	-4.25	-9.86	-0.75
6	2	1712	9.23	1.94	2.78	8.39	-2.33	0.79	-0.79	-1.30e-02	1.36e-02	-0.79
6	2	1713	13.34	-2.93	-1.56	11.97	-4.53	-3.77	-10.03	-4.17	-9.63	-1.52
6	2	1714	11.69	1.84	3.34	10.19	-3.53	1.61	-1.61	-1.28e-02	1.37e-02	-1.61
6	2	1715	17.10	-2.64	-0.41	14.88	-6.25	-3.14	-10.08	-3.99	-9.23	-2.27
6	2	1716	15.21	2.30	4.28	13.23	-4.65	2.41	-2.41	-1.21e-02	1.37e-02	-2.41
6	2	1717	22.05	-1.67	1.29	19.09	-7.84	-2.33	-10.05	-3.73	-8.65	-2.97
6	2	1718	19.87	3.46	5.66	17.67	-5.59	3.16	-3.16	-1.12e-02	1.39e-02	-3.16
6	2	1719	28.33	0.13	3.57	24.89	-9.23	-1.39	-9.88	-3.38	-7.89	-3.59
6	2	1720	25.92	5.41	7.56	23.78	-6.28	3.86	-3.85	-1.20e-02	1.76e-02	-3.85
6	2	1721	36.30	2.77	6.30	32.78	-10.28	-0.41	-9.51	-2.99	-6.92	-4.10
6	2	1722	33.91	8.21	10.10	32.02	-6.70	4.53	-4.50	-2.29e-02	4.55e-02	-4.52
6	2	1723	46.79	5.93	8.97	43.75	-10.72	0.55	-8.73	-2.64	-5.54	-4.41
6	2	1724	44.82	11.86	13.46	43.22	-7.08	5.36	-5.24	-5.42e-02	0.18	-5.30
6	2	1725	62.89	6.77	8.57	61.10	-9.88	2.18	-6.84	-2.03	-2.63	-4.50
6	2	1726	59.43	16.55	18.23	57.75	-8.32	6.56	-6.11	7.66e-02	0.37	-6.33
6	2	1727	70.33	28.70	33.48	65.55	-13.27	4.23	1.47	3.11	2.59	1.35
6	2	1728	55.83	22.27	23.05	55.04	-5.08	4.25	0.57	2.23	2.60	1.83
6	2	1729	44.22	16.26	16.27	44.20	-0.67	3.17	-1.16	0.98	1.02	2.16
6	2	1730	35.45	10.30	10.41	35.33	1.68	1.78	-2.85	-0.24	-0.82	2.30
6	2	1731	28.61	4.93	5.27	28.27	2.84	0.34	-4.37	-1.38	-2.65	2.27
6	2	1732	23.19	0.43	0.89	22.73	3.19	-1.03	-5.66	-2.37	-4.32	2.10
6	2	1733	18.90	-3.14	-2.73	18.49	2.96	-2.28	-6.73	-3.22	-5.79	1.82
6	2	1734	15.64	-5.86	-5.61	15.39	2.29	-3.33	-7.56	-3.90	-6.99	1.45
6	2	1735	13.40	-7.85	-7.77	13.32	1.28	-4.15	-8.16	-4.42	-7.89	1.00
6	2	1736	12.21	-9.25	-9.25	12.21	1.76e-02	-4.70	-8.55	-4.77	-8.48	0.50
6	2	1737	12.13	-10.15	-10.06	12.04	-1.40	-4.94	-8.74	-4.95	-8.74	-2.70e-02
6	2	1738	13.17	-10.59	-10.23	12.81	-2.90	-4.86	-8.74	-4.95	-8.65	-0.57
6	2	1739	15.32	-10.54	-9.77	14.55	-4.39	-4.45	-8.54	-4.78	-8.21	-1.12
6	2	1740	18.57	-9.93	-8.71	17.35	-5.77	-3.71	-8.14	-4.44	-7.42	-1.64
6	2	1741	22.94	-8.68	-7.08	21.34	-6.94	-2.68	-7.52	-3.92	-6.28	-2.11
6	2	1742	28.51	-6.71	-4.94	26.74	-7.70	-1.37	-6.66	-3.23	-4.80	-2.52
6	2	1743	35.42	-4.01	-2.42	33.83	-7.75	0.13	-5.58	-2.41	-3.05	-2.84
6	2	1744	43.89	-0.50	0.45	42.95	-6.40	1.63	-4.45	-1.57	-1.26	-3.03
6	2	1745	53.02	6.32	6.40	52.94	-1.99	2.36	-3.94	-1.03	-0.55	-3.14
6	2	1746	47.74	-1.00	-0.89	47.62	2.32	6.60e-02	-3.66	-1.52	-2.08	-1.84
6	2	1747	39.26	-2.60	-2.46	39.11	-2.48	-1.29	-5.50	-2.47	-4.33	-1.89
6	2	1748	32.71	-6.55	-5.92	32.09	-4.92	-2.45	-6.71	-3.40	-5.76	-1.77
6	2	1749	27.10	-9.90	-8.97	26.17	-5.79	-3.52	-7.74	-4.23	-7.02	-1.58



6	2	1750	22.44	-12.42	-11.46	21.48	-5.71	-4.42	-8.58	-4.91	-8.09	-1.34
6	2	1751	18.70	-14.11	-13.31	17.90	-5.05	-5.11	-9.23	-5.40	-8.94	-1.06
6	2	1752	15.88	-15.02	-14.48	15.34	-4.04	-5.59	-9.68	-5.73	-9.54	-0.74
6	2	1753	13.98	-15.19	-14.91	13.69	-2.86	-5.85	-9.91	-5.89	-9.87	-0.41
6	2	1754	13.01	-14.68	-14.59	12.91	-1.62	-5.87	-9.93	-5.87	-9.93	-6.55e-02
6	2	1755	12.97	-13.48	-13.48	12.96	-0.45	-5.66	-9.74	-5.68	-9.72	0.27
6	2	1756	13.85	-11.57	-11.56	13.84	0.57	-5.24	-9.34	-5.32	-9.26	0.57
6	2	1757	15.64	-8.87	-8.80	15.57	1.31	-4.61	-8.74	-4.80	-8.56	0.84
6	2	1758	18.33	-5.31	-5.19	18.21	1.68	-3.81	-7.95	-4.11	-7.65	1.06
6	2	1759	21.95	-0.80	-0.69	21.85	1.53	-2.86	-6.97	-3.27	-6.57	1.22
6	2	1760	26.61	4.69	4.72	26.58	0.71	-1.79	-5.84	-2.28	-5.35	1.32
6	2	1761	32.59	11.00	11.05	32.54	-1.04	-0.64	-4.59	-1.16	-4.07	1.34
6	2	1762	40.52	17.61	18.36	39.77	-4.08	0.57	-3.31	8.69e-02	-2.82	1.28
6	2	1763	51.34	23.46	26.71	48.09	-8.95	1.70	-2.06	1.31	-1.67	1.15
6	2	1764	66.43	26.43	34.82	58.04	-16.28	2.70	-0.21	2.41	8.11e-02	0.87
6	2	1765	41.46	1.78	2.91	40.34	6.60	0.97	-1.91	-0.98	3.71e-02	-1.34
6	2	1766	36.18	-6.88	-6.81	36.10	1.79	0.55	-2.25	-1.56	-0.14	-1.20
6	2	1767	30.91	-11.67	-11.64	30.88	-1.16	-0.40	-2.91	-2.27	-1.04	-1.10
6	2	1768	26.37	-15.53	-15.35	26.19	-2.75	-1.34	-3.55	-2.97	-1.92	-0.97
6	2	1769	22.54	-18.52	-18.23	22.26	-3.40	-2.18	-4.06	-3.56	-2.68	-0.83
6	2	1770	19.45	-20.61	-20.31	19.16	-3.43	-2.89	-4.41	-4.02	-3.28	-0.67
6	2	1771	17.11	-21.81	-21.57	16.87	-3.08	-3.44	-4.59	-4.32	-3.71	-0.49
6	2	1772	15.52	-22.14	-21.97	15.35	-2.51	-3.81	-4.59	-4.46	-3.94	-0.29
6	2	1773	14.67	-21.61	-21.51	14.57	-1.87	-3.95	-4.45	-4.43	-3.97	-9.95e-02
6	2	1774	14.57	-20.20	-20.15	14.52	-1.27	-3.77	-4.25	-4.23	-3.79	8.98e-02
6	2	1775	15.21	-17.88	-17.87	15.19	-0.80	-3.29	-3.99	-3.86	-3.42	0.27
6	2	1776	16.63	-14.64	-14.63	16.62	-0.58	-2.62	-3.59	-3.34	-2.87	0.42
6	2	1777	18.84	-10.44	-10.42	18.83	-0.71	-1.81	-3.02	-2.66	-2.17	0.55
6	2	1778	21.95	-5.26	-5.19	21.88	-1.33	-0.90	-2.29	-1.84	-1.35	0.65
6	2	1779	26.11	0.81	1.08	25.84	-2.60	7.00e-02	-1.42	-0.89	-0.46	0.72
6	2	1780	31.69	7.49	8.45	30.73	-4.73	1.08	-0.44	0.18	0.46	0.75
6	2	1781	39.38	14.18	17.05	36.51	-8.01	2.12	0.61	1.34	1.39	0.76
6	2	1782	50.08	20.17	27.32	42.92	-12.76	3.18	1.64	2.56	2.26	0.76
6	2	1783	64.57	25.61	41.93	48.24	-19.22	3.90	1.81	3.55	2.16	0.78
6	2	1784	62.57	20.85	39.94	43.49	-20.78	2.78	0.21	2.75	0.23	0.24
6	2	1785	48.74	17.60	29.42	36.92	-15.11	1.61	-1.40	1.57	-1.35	0.35
6	2	1786	37.80	12.64	18.59	31.85	-10.69	0.41	-2.19	0.35	-2.13	0.38
6	2	1787	29.87	6.48	9.11	27.24	-7.39	-0.76	-2.93	-0.82	-2.86	0.37
6	2	1788	24.37	-0.14	0.95	23.28	-5.05	-1.80	-3.63	-1.87	-3.56	0.34
6	2	1789	20.50	-6.47	-6.01	20.04	-3.47	-2.73	-4.26	-2.79	-4.21	0.29
6	2	1790	17.75	-12.04	-11.83	17.54	-2.49	-3.53	-4.83	-3.57	-4.79	0.22
6	2	1791	15.85	-16.66	-16.55	15.74	-1.97	-4.18	-5.29	-4.20	-5.27	0.15
6	2	1792	14.70	-20.27	-20.18	14.60	-1.77	-4.69	-5.66	-4.70	-5.65	6.40e-02
6	2	1793	14.20	-22.86	-22.78	14.11	-1.80	-5.04	-5.91	-5.04	-5.91	-2.75e-02
6	2	1794	14.34	-24.44	-24.34	14.25	-1.95	-5.21	-6.05	-5.23	-6.03	-0.12
6	2	1795	15.10	-25.02	-24.91	14.99	-2.10	-5.20	-6.08	-5.26	-6.02	-0.22
6	2	1796	16.47	-24.61	-24.50	16.35	-2.16	-5.02	-5.98	-5.14	-5.86	-0.32
6	2	1797	18.43	-23.23	-23.13	18.34	-1.98	-4.68	-5.76	-4.87	-5.57	-0.41
6	2	1798	20.99	-20.87	-20.82	20.94	-1.40	-4.18	-5.40	-4.44	-5.14	-0.50
6	2	1799	24.12	-17.56	-17.56	24.12	-0.22	-3.55	-4.92	-3.86	-4.60	-0.58
6	2	1800	27.84	-13.37	-13.29	27.76	1.81	-2.78	-4.29	-3.12	-3.95	-0.63
6	2	1801	32.16	-8.63	-8.01	31.55	4.95	-1.92	-3.50	-2.27	-3.15	-0.66
6	2	1802	38.19	-6.41	-4.32	36.09	9.44	-0.93	-2.11	-1.42	-1.62	-0.58
6	2	1803	62.88	17.66	44.90	35.64	-22.13	3.66	2.11	3.61	2.16	0.27
6	2	1804	47.70	13.65	28.64	32.72	-16.90	2.83	2.44	2.68	2.59	0.19
6	2	1805	36.76	8.63	16.65	28.74	-12.70	2.10	1.48	1.52	2.06	0.16
6	2	1806	29.04	2.49	6.43	25.10	-9.43	1.52	0.41	0.43	1.50	0.14
6	2	1807	23.81	-4.25	-2.39	21.96	-6.97	0.99	-0.57	-0.56	0.99	0.11
6	2	1808	20.26	-10.81	-9.92	19.38	-5.18	0.54	-1.43	-1.43	0.53	7.99e-02
6	2	1809	17.83	-16.68	-16.22	17.38	-3.93	0.15	-2.16	-2.16	0.15	4.23e-02
6	2	1810	16.21	-21.59	-21.34	15.96	-3.08	-0.17	-2.75	-2.75	-0.17	1.20e-03
6	2	1811	15.25	-25.46	-25.30	15.09	-2.53	-0.41	-3.21	-3.21	-0.41	-4.24e-02
6	2	1812	14.87	-28.24	-28.13	14.76	-2.17	-0.57	-3.53	-3.53	-0.58	-8.77e-02
6	2	1813	15.03	-29.92	-29.84	14.95	-1.90	-0.65	-3.72	-3.71	-0.66	-0.13
6	2	1814	15.69	-30.53	-30.47	15.64	-1.61	-0.64	-3.76	-3.75	-0.65	-0.18
6	2	1815	16.85	-30.06	-30.03	16.82	-1.21	-0.55	-3.66	-3.65	-0.56	-0.23
6	2	1816	18.49	-28.53	-28.52	18.49	-0.56	-0.36	-3.43	-3.40	-0.39	-0.27
6	2	1817	20.61	-25.95	-25.95	20.60	0.46	-9.38e-02	-3.06	-3.02	-0.13	-0.31
6	2	1818	23.18	-22.36	-22.27	23.09	2.04	0.26	-2.56	-2.52	0.22	-0.34
6	2	1819	26.22	-17.85	-17.41	25.79	4.34	0.69	-1.97	-1.91	0.63	-0.37
6	2	1820	29.88	-12.46	-11.08	28.49	7.54	1.09	-1.37	-1.31	1.03	-0.39
6	2	1821	34.08	-3.56	0.58	29.94	11.77	0.86	-0.90	-0.77	0.73	-0.46
6	2	1822	59.79	13.56	41.17	32.18	-22.67	2.79	0.28	2.79	0.28	-7.18e-02
6	2	1823	46.57	10.61	29.65	27.52	-17.95	1.65	-1.12	1.65	-1.12	-3.78e-03
6	2	1824	35.43	6.56	17.62	24.37	-14.03	0.47	-1.67	0.47	-1.67	7.36e-03
6	2	1825	27.31	1.16	6.95	21.52	-10.86	-0.66	-2.15	-0.66	-2.15	2.09e-04
6	2	1826	21.94	-5.19	-2.30	19.05	-8.36	-1.65	-2.58	-1.65	-2.58	-1.36e-02



6	2	1827	18.48	-11.66	-10.22	17.03	-6.44	-2.50	-2.96	-2.51	-2.96	-3.09e-02
6	2	1828	16.23	-17.60	-16.85	15.48	-4.98	-3.19	-3.31	-3.22	-3.28	-5.05e-02
6	2	1829	14.79	-22.64	-22.23	14.38	-3.89	-3.52	-3.82	-3.80	-3.54	-7.15e-02
6	2	1830	13.97	-26.62	-26.39	13.74	-3.05	-3.72	-4.27	-4.25	-3.73	-9.32e-02
6	2	1831	13.66	-29.50	-29.36	13.53	-2.38	-3.85	-4.58	-4.56	-3.87	-0.11
6	2	1832	13.81	-31.24	-31.17	13.74	-1.76	-3.91	-4.76	-4.73	-3.93	-0.14
6	2	1833	14.39	-31.84	-31.81	14.36	-1.12	-3.90	-4.80	-4.77	-3.93	-0.16
6	2	1834	15.37	-31.32	-31.32	15.37	-0.35	-3.82	-4.71	-4.67	-3.86	-0.17
6	2	1835	16.74	-29.69	-29.68	16.73	0.66	-3.67	-4.48	-4.43	-3.72	-0.19
6	2	1836	18.50	-26.98	-26.89	18.41	2.01	-3.44	-4.12	-4.06	-3.51	-0.20
6	2	1837	20.65	-23.25	-22.91	20.32	3.85	-3.12	-3.64	-3.54	-3.23	-0.21
6	2	1838	23.27	-18.62	-17.66	22.31	6.27	-2.66	-3.09	-2.86	-2.89	-0.21
6	2	1839	26.48	-13.50	-11.16	24.14	9.38	-1.98	-2.54	-2.06	-2.45	-0.20
6	2	1840	31.29	-10.85	-6.17	26.61	13.24	-1.22	-1.47	-1.33	-1.36	-0.12
6	2	1841	60.26	10.15	45.02	25.39	-23.05	3.56	2.09	3.56	2.09	1.56e-02
6	2	1842	44.66	7.37	28.05	23.98	-18.53	2.70	2.59	2.66	2.63	-5.34e-02
6	2	1843	33.51	3.30	15.25	21.55	-14.77	2.26	1.54	1.55	2.25	-7.31e-02
6	2	1844	25.72	-2.15	4.19	19.39	-11.68	1.85	0.49	0.49	1.84	-8.04e-02
6	2	1845	20.76	-8.64	-5.41	17.53	-9.19	1.49	-0.46	-0.46	1.48	-8.66e-02
6	2	1846	17.67	-15.28	-13.62	16.01	-7.20	1.18	-1.29	-1.28	1.18	-9.37e-02
6	2	1847	15.73	-21.37	-20.49	14.86	-5.63	0.92	-1.99	-1.98	0.92	-0.10
6	2	1848	14.52	-26.53	-26.06	14.06	-4.37	0.72	-2.55	-2.55	0.71	-0.11
6	2	1849	13.86	-30.62	-30.37	13.61	-3.33	0.56	-2.99	-2.98	0.56	-0.12
6	2	1850	13.63	-33.55	-33.42	13.50	-2.42	0.46	-3.29	-3.28	0.45	-0.13
6	2	1851	13.78	-35.31	-35.26	13.73	-1.55	0.41	-3.46	-3.45	0.40	-0.13
6	2	1852	14.27	-35.90	-35.89	14.26	-0.64	0.41	-3.49	-3.49	0.40	-0.14
6	2	1853	15.09	-35.31	-35.31	15.08	0.39	0.46	-3.40	-3.39	0.45	-0.14
6	2	1854	16.22	-33.58	-33.52	16.16	1.65	0.56	-3.17	-3.16	0.56	-0.14
6	2	1855	17.66	-30.72	-30.50	17.44	3.23	0.72	-2.81	-2.81	0.71	-0.14
6	2	1856	19.43	-26.80	-26.21	18.84	5.20	0.92	-2.34	-2.33	0.91	-0.14
6	2	1857	21.62	-21.95	-20.56	20.23	7.67	1.17	-1.77	-1.76	1.16	-0.13
6	2	1858	24.47	-16.32	-13.31	21.46	10.67	1.38	-1.21	-1.20	1.37	-0.13
6	2	1859	28.45	-7.60	-0.62	21.47	14.24	0.95	-0.68	-0.67	0.93	-0.17
6	2	1860	56.12	7.02	40.54	22.60	-22.85	2.78	0.18	2.76	0.20	-0.25
6	2	1861	43.12	4.68	28.49	19.30	-18.66	1.65	-1.18	1.64	-1.17	-0.18
6	2	1862	31.85	1.52	15.87	17.50	-15.14	0.47	-1.69	0.46	-1.67	-0.15
6	2	1863	23.70	-3.17	4.62	15.92	-12.19	-0.65	-2.12	-0.66	-2.10	-0.15
6	2	1864	18.58	-9.17	-5.16	14.57	-9.75	-1.62	-2.51	-1.64	-2.49	-0.14
6	2	1865	15.55	-15.59	-13.52	13.48	-7.75	-2.44	-2.88	-2.49	-2.82	-0.14
6	2	1866	13.74	-21.59	-20.50	12.66	-6.11	-3.00	-3.30	-3.19	-3.11	-0.14
6	2	1867	12.67	-26.72	-26.14	12.10	-4.72	-3.29	-3.81	-3.77	-3.33	-0.14
6	2	1868	12.10	-30.78	-30.48	11.81	-3.53	-3.48	-4.23	-4.20	-3.50	-0.14
6	2	1869	11.91	-33.69	-33.56	11.78	-2.43	-3.60	-4.53	-4.51	-3.61	-0.13
6	2	1870	12.03	-35.41	-35.37	11.99	-1.35	-3.65	-4.69	-4.67	-3.67	-0.13
6	2	1871	12.44	-35.95	-35.95	12.44	-0.23	-3.65	-4.72	-4.71	-3.67	-0.13
6	2	1872	13.11	-35.30	-35.28	13.09	1.02	-3.59	-4.62	-4.60	-3.61	-0.12
6	2	1873	14.05	-33.49	-33.36	13.92	2.47	-3.47	-4.38	-4.37	-3.49	-0.11
6	2	1874	15.26	-30.56	-30.18	14.87	4.20	-3.29	-4.00	-3.99	-3.31	-9.63e-02
6	2	1875	16.79	-26.59	-25.67	15.87	6.25	-3.05	-3.49	-3.47	-3.07	-8.07e-02
6	2	1876	18.77	-21.76	-19.80	16.81	8.69	-2.72	-2.85	-2.79	-2.78	-6.03e-02
6	2	1877	21.44	-16.50	-12.60	17.53	11.53	-1.99	-2.39	-2.00	-2.39	-2.94e-02
6	2	1878	25.63	-13.69	-7.00	18.93	14.78	-1.25	-1.39	-1.27	-1.36	5.31e-02
6	2	1879	56.50	3.75	43.84	16.42	-22.53	3.55	1.92	3.53	1.94	-0.19
6	2	1880	40.57	2.06	26.40	16.23	-18.57	2.79	2.30	2.63	2.47	-0.23
6	2	1881	29.36	-1.15	13.20	15.02	-15.23	2.13	1.41	1.50	2.05	-0.24
6	2	1882	21.72	-5.96	1.79	13.97	-12.43	1.63	0.38	0.43	1.59	-0.23
6	2	1883	17.12	-12.12	-8.09	13.08	-10.09	1.20	-0.57	-0.54	1.17	-0.22
6	2	1884	14.49	-18.62	-16.50	12.36	-8.12	0.83	-1.41	-1.39	0.81	-0.21
6	2	1885	12.96	-24.64	-23.50	11.83	-6.44	0.52	-2.12	-2.10	0.51	-0.19
6	2	1886	12.08	-29.75	-29.15	11.48	-4.99	0.27	-2.69	-2.68	0.26	-0.18
6	2	1887	11.62	-33.77	-33.47	11.32	-3.67	7.76e-02	-3.13	-3.12	6.91e-02	-0.16
6	2	1888	11.46	-36.62	-36.50	11.34	-2.43	-4.93e-02	-3.43	-3.42	-5.57e-02	-0.15
6	2	1889	11.56	-38.29	-38.26	11.54	-1.19	-0.11	-3.60	-3.59	-0.12	-0.13
6	2	1890	11.89	-38.75	-38.75	11.89	0.10	-0.11	-3.63	-3.62	-0.11	-0.11
6	2	1891	12.43	-38.03	-37.98	12.39	1.51	-3.77e-02	-3.52	-3.52	-3.97e-02	-8.34e-02
6	2	1892	13.18	-36.13	-35.94	12.98	3.10	9.78e-02	-3.27	-3.27	9.68e-02	-5.82e-02
6	2	1893	14.16	-33.10	-32.58	13.65	4.92	0.30	-2.89	-2.89	0.30	-3.09e-02
6	2	1894	15.44	-29.02	-27.88	14.31	7.01	0.56	-2.39	-2.39	0.56	-1.85e-03
6	2	1895	17.16	-24.05	-21.78	14.88	9.41	0.87	-1.80	-1.80	0.87	2.77e-02
6	2	1896	19.65	-18.37	-14.03	15.31	12.09	1.15	-1.22	-1.22	1.15	5.19e-02
6	2	1897	23.82	-9.90	-0.65	14.58	15.04	0.78	-0.65	-0.65	0.78	3.14e-02
6	2	1898	51.39	1.46	38.63	14.22	-21.78	2.79	-3.97e-02	2.72	3.17e-02	-0.44
6	2	1899	38.70	-0.34	26.28	12.08	-18.19	1.64	-1.49	1.59	-1.44	-0.39
6	2	1900	27.63	-2.80	13.45	11.37	-15.18	0.43	-2.11	0.37	-2.06	-0.38
6	2	1901	19.77	-6.90	2.10	10.77	-12.61	-0.72	-2.69	-0.79	-2.62	-0.36
6	2	1902	15.03	-12.47	-7.69	10.25	-10.41	-1.73	-3.22	-1.81	-3.14	-0.34
6	2	1903	12.38	-18.55	-16.00	9.83	-8.51	-2.59	-3.71	-2.69	-3.61	-0.32



6	2	1904	10.90	-24.27	-22.89	9.51	-6.83	-3.31	-4.14	-3.43	-4.02	-0.29
6	2	1905	10.05	-29.15	-28.42	9.32	-5.31	-3.89	-4.50	-4.03	-4.36	-0.26
6	2	1906	9.60	-32.98	-32.63	9.24	-3.88	-4.32	-4.78	-4.49	-4.61	-0.22
6	2	1907	9.43	-35.69	-35.55	9.29	-2.50	-4.62	-4.97	-4.80	-4.78	-0.17
6	2	1908	9.48	-37.23	-37.21	9.46	-1.11	-4.77	-5.05	-4.97	-4.86	-0.13
6	2	1909	9.73	-37.61	-37.61	9.73	0.34	-4.81	-5.03	-4.99	-4.84	-7.79e-02
6	2	1910	10.16	-36.83	-36.75	10.08	1.90	-4.72	-4.88	-4.87	-4.73	-2.62e-02
6	2	1911	10.78	-34.90	-34.62	10.49	3.61	-4.52	-4.61	-4.60	-4.52	2.66e-02
6	2	1912	11.64	-31.88	-31.18	10.93	5.50	-4.13	-4.29	-4.19	-4.23	7.97e-02
6	2	1913	12.82	-27.86	-26.39	11.34	7.61	-3.56	-3.91	-3.62	-3.85	0.13
6	2	1914	14.52	-23.05	-20.21	11.68	9.93	-2.82	-3.45	-2.89	-3.39	0.19
6	2	1915	17.05	-17.92	-12.70	11.83	12.46	-1.96	-2.87	-2.03	-2.80	0.24
6	2	1916	20.99	-15.23	-7.05	12.81	15.14	-1.03	-1.76	-1.23	-1.55	0.33
6	2	1917	51.22	-1.49	40.99	8.74	-20.85	3.59	1.60	3.46	1.73	-0.49
6	2	1918	35.51	-2.42	23.45	9.65	-17.67	2.93	1.75	2.54	2.15	-0.56
6	2	1919	24.87	-5.12	10.33	9.41	-14.99	2.03	0.86	1.37	1.52	-0.58
6	2	1920	17.81	-9.48	-0.86	9.18	-12.69	1.19	-0.12	0.24	0.83	-0.58
6	2	1921	13.68	-15.16	-10.44	8.95	-10.67	0.43	-1.04	-0.79	0.18	-0.56
6	2	1922	11.38	-21.14	-18.52	8.75	-8.86	-0.24	-1.88	-1.69	-0.43	-0.52
6	2	1923	10.07	-26.65	-25.18	8.60	-7.20	-0.82	-2.58	-2.45	-0.96	-0.47
6	2	1924	9.31	-31.30	-30.51	8.51	-5.63	-1.31	-3.16	-3.07	-1.40	-0.40
6	2	1925	8.88	-34.92	-34.53	8.49	-4.12	-1.68	-3.60	-3.54	-1.73	-0.32
6	2	1926	8.69	-37.45	-37.30	8.54	-2.62	-1.93	-3.89	-3.87	-1.96	-0.23
6	2	1927	8.69	-38.85	-38.83	8.67	-1.10	-2.05	-4.05	-4.04	-2.06	-0.13
6	2	1928	8.86	-39.13	-39.13	8.85	0.48	-2.03	-4.05	-4.05	-2.03	-3.02e-02
6	2	1929	9.19	-38.29	-38.19	9.09	2.16	-1.87	-3.92	-3.92	-1.87	7.18e-02
6	2	1930	9.69	-36.33	-35.99	9.35	3.95	-1.58	-3.65	-3.63	-1.60	0.17
6	2	1931	10.41	-33.30	-32.50	9.60	5.89	-1.16	-3.23	-3.20	-1.20	0.27
6	2	1932	11.45	-29.29	-27.66	9.82	7.98	-0.63	-2.69	-2.63	-0.69	0.36
6	2	1933	13.00	-24.46	-21.41	9.96	10.23	-3.03e-03	-2.06	-1.96	-0.10	0.44
6	2	1934	15.50	-19.00	-13.53	10.03	12.60	0.60	-1.45	-1.31	0.46	0.51
6	2	1935	20.28	-10.94	0.30	9.04	14.98	0.57	-0.90	-0.67	0.34	0.54
6	2	1936	44.79	-2.92	34.38	7.49	-19.71	2.71	-0.45	2.50	-0.24	-0.78
6	2	1937	33.29	-4.63	22.30	6.36	-17.21	1.60	-2.08	1.39	-1.87	-0.84
6	2	1938	23.35	-6.93	9.99	6.43	-15.04	0.42	-2.95	0.16	-2.70	-0.89
6	2	1939	16.40	-10.70	-0.73	6.44	-13.07	-0.73	-3.81	-1.03	-3.52	-0.90
6	2	1940	12.14	-15.62	-9.88	6.40	-11.24	-1.78	-4.63	-2.09	-4.32	-0.88
6	2	1941	9.65	-20.88	-17.55	6.33	-9.51	-2.72	-5.37	-3.01	-5.08	-0.83
6	2	1942	8.18	-25.77	-23.85	6.26	-7.84	-3.54	-6.00	-3.78	-5.76	-0.74
6	2	1943	7.27	-29.92	-28.85	6.21	-6.21	-4.23	-6.51	-4.42	-6.33	-0.62
6	2	1944	6.73	-33.14	-32.61	6.20	-4.57	-4.79	-6.88	-4.90	-6.77	-0.48
6	2	1945	6.43	-35.37	-35.17	6.23	-2.91	-5.17	-7.11	-5.23	-7.06	-0.32
6	2	1946	6.34	-36.58	-36.55	6.31	-1.21	-5.38	-7.20	-5.40	-7.18	-0.14
6	2	1947	6.43	-36.76	-36.75	6.42	0.54	-5.40	-7.14	-5.40	-7.14	3.98e-02
6	2	1948	6.70	-35.90	-35.77	6.57	2.37	-5.22	-6.96	-5.25	-6.93	0.22
6	2	1949	7.16	-34.02	-33.57	6.72	4.28	-4.85	-6.64	-4.94	-6.54	0.40
6	2	1950	7.88	-31.16	-30.12	6.85	6.28	-4.28	-6.19	-4.46	-6.00	0.56
6	2	1951	8.98	-27.40	-25.36	6.94	8.37	-3.54	-5.60	-3.82	-5.32	0.71
6	2	1952	10.71	-22.94	-19.24	7.00	10.54	-2.64	-4.89	-3.01	-4.52	0.83
6	2	1953	13.42	-18.26	-11.82	6.98	12.75	-1.63	-4.01	-2.08	-3.56	0.93
6	2	1954	17.36	-15.83	-6.52	8.05	14.91	-0.45	-2.61	-1.19	-1.87	1.02
6	2	1955	42.90	-4.96	34.58	3.36	-18.14	3.60	1.06	3.13	1.54	-0.99
6	2	1956	29.09	-5.90	18.22	4.96	-16.19	3.22	0.79	2.24	1.77	-1.19
6	2	1957	20.21	-8.73	6.26	5.23	-14.46	2.29	-0.34	1.08	0.87	-1.31
6	2	1958	14.36	-12.81	-3.79	5.34	-12.80	1.26	-1.47	-5.39e-02	-0.15	-1.37
6	2	1959	10.76	-17.70	-12.28	5.35	-11.17	0.21	-2.49	-1.09	-1.18	-1.35
6	2	1960	8.57	-22.64	-19.38	5.31	-9.55	-0.81	-3.37	-2.01	-2.17	-1.27
6	2	1961	7.18	-27.13	-25.18	5.24	-7.93	-1.78	-4.07	-2.80	-3.05	-1.14
6	2	1962	6.28	-30.87	-29.77	5.18	-6.31	-2.66	-4.59	-3.44	-3.81	-0.95
6	2	1963	5.69	-33.75	-33.19	5.13	-4.66	-3.41	-4.91	-3.92	-4.39	-0.72
6	2	1964	5.34	-35.71	-35.49	5.12	-2.98	-3.99	-5.04	-4.25	-4.78	-0.45
6	2	1965	5.19	-36.74	-36.70	5.15	-1.27	-4.37	-4.99	-4.42	-4.95	-0.16
6	2	1966	5.21	-36.82	-36.81	5.21	0.50	-4.38	-4.93	-4.42	-4.90	0.14
6	2	1967	5.42	-35.95	-35.82	5.29	2.32	-3.96	-4.91	-4.25	-4.61	0.44
6	2	1968	5.82	-34.14	-33.69	5.37	4.20	-3.28	-4.74	-3.92	-4.10	0.73
6	2	1969	6.46	-31.40	-30.38	5.44	6.14	-2.42	-4.40	-3.43	-3.39	0.99
6	2	1970	7.47	-27.79	-25.81	5.48	8.12	-1.42	-3.86	-2.79	-2.49	1.21
6	2	1971	9.05	-23.45	-19.90	5.50	10.14	-0.33	-3.19	-2.06	-1.46	1.40
6	2	1972	11.70	-18.49	-12.35	5.55	12.15	0.71	-2.51	-1.35	-0.45	1.55
6	2	1973	17.17	-11.10	1.30	4.77	14.03	1.22	-2.09	-0.66	-0.21	1.64
6	2	1974	35.22	-5.44	26.23	3.55	-16.87	2.29	-1.21	1.74	-0.66	-1.27
6	2	1975	26.63	-7.89	15.87	2.87	-15.99	1.53	-2.93	0.85	-2.26	-1.60
6	2	1976	18.99	-10.55	5.42	3.02	-14.72	0.64	-4.04	-0.22	-3.18	-1.81
6	2	1977	13.41	-14.00	-3.67	3.08	-13.28	-0.31	-5.08	-1.26	-4.12	-1.91
6	2	1978	9.62	-17.96	-11.42	3.08	-11.74	-1.23	-6.00	-2.18	-5.05	-1.90
6	2	1979	7.12	-22.01	-17.91	3.02	-10.13	-2.12	-6.76	-2.96	-5.91	-1.79
6	2	1980	5.45	-25.72	-23.22	2.95	-8.47	-2.94	-7.34	-3.62	-6.66	-1.59



6	2	1981	4.31	-28.87	-27.43	2.87	-6.76	-3.66	-7.76	-4.14	-7.28	-1.32
6	2	1982	3.55	-31.30	-30.56	2.81	-5.03	-4.25	-8.02	-4.53	-7.75	-0.98
6	2	1983	3.07	-32.95	-32.65	2.77	-3.25	-4.68	-8.15	-4.78	-8.05	-0.60
6	2	1984	2.81	-33.77	-33.71	2.76	-1.44	-4.90	-8.18	-4.91	-8.17	-0.18
6	2	1985	2.77	-33.76	-33.75	2.77	0.41	-4.88	-8.14	-4.90	-8.12	0.25
6	2	1986	2.94	-32.90	-32.75	2.80	2.30	-4.62	-8.02	-4.76	-7.88	0.67
6	2	1987	3.35	-31.22	-30.69	2.83	4.23	-4.13	-7.82	-4.48	-7.46	1.09
6	2	1988	4.06	-28.73	-27.52	2.85	6.17	-3.44	-7.49	-4.06	-6.86	1.46
6	2	1989	5.19	-25.51	-23.19	2.87	8.11	-2.59	-7.00	-3.50	-6.08	1.79
6	2	1990	6.99	-21.71	-17.63	2.90	10.02	-1.60	-6.31	-2.78	-5.13	2.04
6	2	1991	9.77	-17.64	-10.88	3.01	11.82	-0.54	-5.38	-1.94	-3.98	2.20
6	2	1992	13.57	-15.21	-6.06	4.42	13.41	0.69	-3.88	-1.15	-2.03	2.24
6	2	1993	30.69	-5.60	23.45	1.63	-14.50	3.45	0.17	2.15	1.46	-1.60
6	2	1994	20.87	-7.40	11.05	2.42	-13.46	3.65	-0.52	1.51	1.61	-2.08
6	2	1995	14.30	-10.24	1.72	2.33	-12.27	2.99	-1.74	0.62	0.63	-2.37
6	2	1996	9.76	-13.78	-6.24	2.22	-10.98	2.17	-2.79	-0.22	-0.40	-2.47
6	2	1997	6.77	-17.74	-13.05	2.09	-9.64	1.29	-3.59	-0.96	-1.34	-2.43
6	2	1998	4.83	-21.69	-18.80	1.94	-8.26	0.41	-4.15	-1.59	-2.15	-2.26
6	2	1999	3.53	-25.28	-23.53	1.79	-6.87	-0.45	-4.47	-2.10	-2.82	-1.98
6	2	2000	2.66	-28.28	-27.28	1.66	-5.46	-1.24	-4.59	-2.49	-3.35	-1.62
6	2	2001	2.06	-30.59	-30.08	1.55	-4.05	-1.97	-4.53	-2.78	-3.72	-1.19
6	2	2002	1.67	-32.13	-31.93	1.47	-2.63	-2.59	-4.33	-2.96	-3.95	-0.71
6	2	2003	1.45	-32.88	-32.84	1.41	-1.19	-3.00	-4.08	-3.04	-4.05	-0.20
6	2	2004	1.39	-32.82	-32.82	1.39	0.27	-2.92	-4.10	-3.03	-4.00	0.33
6	2	2005	1.48	-31.95	-31.86	1.39	1.74	-2.39	-4.34	-2.91	-3.82	0.86
6	2	2006	1.74	-30.26	-29.93	1.41	3.24	-1.65	-4.53	-2.69	-3.49	1.38
6	2	2007	2.22	-27.80	-27.03	1.45	4.74	-0.79	-4.59	-2.37	-3.00	1.87
6	2	2008	3.01	-24.59	-23.09	1.51	6.25	0.19	-4.47	-1.95	-2.33	2.32
6	2	2009	4.32	-20.75	-18.07	1.64	7.75	1.27	-4.16	-1.43	-1.46	2.71
6	2	2010	6.62	-16.40	-11.73	1.94	9.26	2.38	-3.72	-0.89	-0.45	3.04
6	2	2011	11.38	-10.10	-0.58	1.86	10.67	3.04	-3.49	-0.35	-9.70e-02	3.26
6	2	2012	24.71	-5.50	17.16	2.05	-13.08	1.22	-2.13	-5.10e-02	-0.86	-1.63
6	2	2013	17.72	-7.91	9.16	0.66	-12.09	1.72	-3.09	8.31e-02	-1.45	-2.28
6	2	2014	11.61	-10.07	1.09	0.45	-10.83	2.00	-3.32	-0.12	-1.20	-2.60
6	2	2015	7.15	-12.94	-6.14	0.35	-9.50	2.08	-3.34	-0.36	-0.90	-2.69
6	2	2016	4.27	-16.45	-12.44	0.26	-8.18	2.05	-3.19	-0.55	-0.59	-2.62
6	2	2017	2.51	-20.15	-17.81	0.17	-6.90	1.92	-2.90	-0.69	-0.29	-2.40
6	2	2018	1.42	-23.62	-22.27	7.62e-02	-5.65	1.73	-2.51	-0.78	1.98e-03	-2.08
6	2	2019	0.73	-26.56	-25.82	-1.03e-02	-4.45	1.49	-2.05	-0.84	0.28	-1.68
6	2	2020	0.29	-28.85	-28.48	-8.58e-02	-3.28	1.24	-1.56	-0.86	0.55	-1.21
6	2	2021	3.11e-03	-30.39	-30.24	-0.15	-2.13	1.04	-1.11	-0.85	0.78	-0.70
6	2	2022	-0.16	-31.14	-31.11	-0.19	-1.00	0.99	-0.83	-0.82	0.98	-0.15
6	2	2023	-0.22	-31.09	-31.09	-0.23	0.13	1.20	-0.84	-0.76	1.12	0.40
6	2	2024	-0.19	-30.22	-30.17	-0.24	1.26	1.59	-1.08	-0.68	1.19	0.95
6	2	2025	-3.98e-02	-28.54	-28.34	-0.25	2.41	2.01	-1.44	-0.59	1.16	1.49
6	2	2026	0.26	-26.07	-25.58	-0.24	3.58	2.40	-1.87	-0.50	1.03	1.99
6	2	2027	0.78	-22.86	-21.87	-0.21	4.75	2.69	-2.35	-0.40	0.74	2.45
6	2	2028	1.73	-19.03	-17.16	-0.14	5.94	2.84	-2.88	-0.31	0.27	2.85
6	2	2029	3.46	-14.86	-11.51	0.11	7.08	2.77	-3.48	-0.32	-0.38	3.13
6	2	2030	6.70	-11.68	-6.46	1.48	8.29	2.52	-3.83	-0.84	-0.46	3.17
6	2	2031	15.05	-2.47	12.98	-0.41	-5.64	2.00	-1.24	9.10e-02	0.67	-1.60
6	2	2032	7.95	-2.48	5.75	-0.28	-4.25	3.77	4.50e-03	0.86	2.91	-1.58
6	2	2033	2.59	-4.49	-1.44	-0.46	-3.51	5.43	0.57	1.35	4.66	-1.78
6	2	2034	0.51	-9.00	-7.95	-0.55	-2.98	7.04	1.10	1.78	6.36	-1.88
6	2	2035	-0.14	-14.18	-13.71	-0.61	-2.52	8.52	1.64	2.18	7.98	-1.86
6	2	2036	-0.43	-18.92	-18.68	-0.67	-2.10	9.85	2.15	2.55	9.45	-1.71
6	2	2037	-0.58	-22.98	-22.85	-0.72	-1.72	11.03	2.61	2.88	10.77	-1.47
6	2	2038	-0.69	-26.27	-26.19	-0.77	-1.39	12.05	3.02	3.17	11.90	-1.15
6	2	2039	-0.77	-28.75	-28.71	-0.81	-1.10	12.91	3.35	3.42	12.84	-0.78
6	2	2040	-0.83	-30.41	-30.39	-0.85	-0.83	13.59	3.60	3.62	13.58	-0.38
6	2	2041	-0.88	-31.23	-31.22	-0.89	-0.58	14.10	3.77	3.77	14.10	4.38e-02
6	2	2042	-0.92	-31.22	-31.21	-0.92	-0.33	14.39	3.84	3.86	14.37	0.46
6	2	2043	-0.94	-30.35	-30.35	-0.94	-8.64e-02	14.43	3.82	3.89	14.36	0.86
6	2	2044	-0.96	-28.64	-28.64	-0.96	0.17	14.16	3.69	3.83	14.02	1.21
6	2	2045	-0.95	-26.09	-26.08	-0.96	0.43	13.52	3.45	3.67	13.29	1.50
6	2	2046	-0.91	-22.71	-22.68	-0.93	0.69	12.41	3.07	3.39	12.09	1.71
6	2	2047	-0.82	-18.52	-18.47	-0.87	0.96	10.75	2.52	2.95	10.33	1.81
6	2	2048	-0.53	-13.57	-13.42	-0.68	1.39	8.51	1.72	2.28	7.95	1.87
6	2	2049	0.35	-8.28	-7.62	-0.32	2.30	5.47	1.01e-02	1.15	4.34	2.22
6	2	2288	138.02	20.41	25.76	132.68	24.50	3.77	-3.17	-0.12	0.72	3.44
6	2	2289	0.90	-1.52	-1.29	0.67	0.71	-1.53	-4.64	-1.58	-4.59	-0.38
6	2	2290	6.08	-0.26	-0.26	6.08	-7.47e-02	2.82	-2.36	0.18	0.28	-2.59
6	2	2291	3.38	-0.76	-0.76	3.38	-7.25e-02	2.33	-1.06	0.60	0.67	-1.69
6	2	2292	4.21	-0.93	-0.93	4.21	-8.64e-04	1.31	-0.13	0.77	0.41	-0.70
6	2	2293	8.78	-0.98	-0.98	8.78	9.02e-03	0.87	0.16	0.84	0.19	-0.15
6	2	2294	15.70	-1.00	-1.00	15.70	-9.76e-03	0.87	0.15	0.84	0.18	0.14
6	2	2295	24.89	-1.02	-1.02	24.89	-2.10e-02	1.18	6.62e-02	0.79	0.45	0.53



6	2	2296	38.50	-1.01	-1.01	38.50	2.24e-02	2.32	-0.64	0.63	1.05	1.46
6	2	2297	61.19	-1.21	-1.21	61.19	5.59e-02	4.03	-2.25	0.15	1.63	3.05
6	2	2298	32.65	0.80	0.80	32.65	-1.51e-02	1.31	-1.00	-0.72	1.02	-0.76
6	2	2300	80.64	-6.17	-5.98	80.44	-4.11	3.54	-3.11	-0.13	0.57	3.31
6	2	2301	5.45	0.60	0.61	5.44	0.27	1.45	-2.39	-0.12	-0.82	-1.89
6	2	2302	14.09	0.91	0.91	14.09	-5.36e-02	0.56	-0.84	-0.83	0.55	-9.39e-02
6	2	2303	5.99	0.50	0.51	5.98	-0.32	2.24	-2.03	-0.48	0.69	-2.05
6	2	2304	8.28	0.86	0.86	8.28	-8.62e-02	0.78	-0.95	-0.81	0.65	-0.46
6	2	2305	5.25	0.72	0.73	5.25	-0.18	1.46	-1.34	-0.72	0.83	-1.16
6	2	2306	32.65	0.80	0.80	32.65	1.51e-02	1.31	-1.00	-0.72	1.02	0.76
6	2	2307	21.90	0.89	0.89	21.90	-4.46e-02	0.68	-0.83	-0.81	0.66	0.19
6	2	2308	49.50	0.52	0.52	49.50	0.18	2.76	-1.72	-0.51	1.55	1.99
6	2	2310	138.02	20.41	25.76	132.68	-24.50	3.77	-3.17	-0.12	0.72	-3.44
6	2	2311	0.90	-1.52	-1.29	0.67	-0.71	-1.53	-4.64	-1.58	-4.59	0.38
6	2	2331	21.90	0.89	0.89	21.90	4.47e-02	0.68	-0.83	-0.81	0.66	-0.19
6	2	2333	80.64	-6.17	-5.98	80.44	4.11	3.54	-3.11	-0.13	0.57	-3.31
6	2	2334	6.08	-0.26	-0.26	6.08	7.47e-02	2.82	-2.36	0.18	0.28	2.59
6	2	2335	49.50	0.52	0.52	49.50	-0.18	2.76	-1.72	-0.51	1.55	-1.99
6	2	2336	3.38	-0.76	-0.76	3.38	7.25e-02	2.33	-1.06	0.60	0.67	1.69
6	2	2337	4.21	-0.93	-0.93	4.21	8.63e-04	1.31	-0.13	0.77	0.41	0.70
6	2	2339	8.78	-0.98	-0.98	8.78	-9.02e-03	0.87	0.16	0.84	0.19	0.15
6	2	2340	15.70	-1.00	-1.00	15.70	9.75e-03	0.87	0.15	0.84	0.18	-0.14
6	2	2341	24.89	-1.02	-1.02	24.89	2.10e-02	1.18	6.62e-02	0.79	0.45	-0.53
6	2	2342	38.50	-1.01	-1.01	38.50	-2.24e-02	2.32	-0.64	0.63	1.05	-1.46
6	2	2343	61.19	-1.21	-1.21	61.19	-5.59e-02	4.03	-2.25	0.15	1.63	-3.05
6	2	2345	5.45	0.60	0.61	5.44	-0.27	1.45	-2.39	-0.12	-0.82	1.89
6	2	2346	14.09	0.91	0.91	14.09	5.36e-02	0.56	-0.84	-0.83	0.55	9.39e-02
6	2	2347	5.99	0.50	0.51	5.98	0.32	2.24	-2.03	-0.48	0.69	2.05
6	2	2348	8.28	0.86	0.86	8.28	8.62e-02	0.78	-0.95	-0.81	0.65	0.46
6	2	2349	5.25	0.72	0.73	5.25	0.18	1.46	-1.34	-0.72	0.83	1.16
6	3	1	13.78	3.39	3.59	13.58	1.43	0.45	-0.37	4.26e-02	3.68e-02	0.41
6	3	2	0.54	0.21	0.54	0.21	-1.85e-02	0.12	-0.25	7.22e-02	-0.20	-0.13
6	3	3	1.57	-0.50	-0.13	1.20	-0.79	0.59	9.61e-02	0.54	0.15	-0.16
6	3	4	2.66	-0.26	0.13	2.27	-1.00	0.53	0.13	0.52	0.14	5.31e-02
6	3	5	3.63	-3.82e-02	0.28	3.31	-1.03	0.44	3.08e-03	0.35	9.82e-02	0.18
6	3	6	4.63	8.03e-02	0.39	4.32	-1.15	0.27	-2.66e-02	0.19	6.10e-02	0.14
6	3	7	5.57	0.12	0.44	5.26	-1.27	0.15	5.27e-02	0.14	5.66e-02	-1.89e-02
6	3	8	6.50	0.17	0.43	6.24	-1.26	0.33	9.03e-03	0.25	9.31e-02	-0.14
6	3	9	7.61	0.33	0.45	7.48	-0.95	0.46	0.12	0.43	0.15	-9.85e-02
6	3	10	9.41	0.52	0.52	9.40	-0.21	0.60	0.16	0.55	0.21	0.14
6	3	35	11.76	1.29e-02	6.17e-02	11.71	0.76	0.81	-1.55e-02	0.53	0.27	0.39
6	3	41	0.98	-0.49	-0.37	0.86	-0.40	0.63	2.86e-02	0.44	0.22	-0.28
6	3	44	5.50	-0.71	-0.43	5.22	-1.30	0.33	7.16e-02	0.24	0.16	0.12
6	3	53	2.47	-0.43	1.05e-02	2.03	-1.04	0.56	0.22	0.56	0.22	-1.82e-02
6	3	58	4.53	-0.63	-0.32	4.22	-1.21	0.54	-3.95e-02	0.32	0.18	0.28
6	3	64	6.30	-0.63	-0.37	6.04	1.30	0.32	0.13	0.27	0.18	7.89e-02
6	3	66	3.51	-0.48	-0.12	3.15	-1.14	0.60	6.83e-02	0.47	0.21	0.24
6	3	67	7.39	-0.41	-0.23	7.22	-1.15	0.48	0.11	0.38	0.21	-0.16
6	3	72	6.41	-0.64	-0.38	6.16	-1.31	0.32	0.12	0.26	0.17	-9.05e-02
6	3	85	8.75	-0.10	-4.93e-02	8.70	-0.67	0.52	0.24	0.52	0.24	1.86e-02
6	3	93	33.12	7.68	7.82	32.98	1.88	0.25	0.11	0.13	0.22	5.10e-02
6	3	94	4.79	0.73	4.79	0.74	8.77e-02	0.18	-0.34	0.17	-0.33	6.07e-02
6	3	95	5.40	0.43	5.38	0.44	-0.28	0.60	6.99e-02	0.58	9.24e-02	-0.11
6	3	96	9.38	0.41	9.23	0.55	-1.14	1.10	-4.06e-02	0.91	0.15	-0.42
6	3	97	16.10	-1.34e-02	15.94	0.14	-1.58	2.03	-0.14	1.63	0.26	-0.84
6	3	98	24.18	-0.30	24.16	-0.28	-0.55	3.05	0.34	2.86	0.53	-0.70
6	3	99	26.39	1.73	26.30	1.82	1.49	3.29	0.66	3.26	0.69	0.27
6	3	100	21.13	6.03	20.45	6.71	3.14	2.62	9.00e-02	2.22	0.49	0.92
6	3	101	15.79	9.05	12.29	12.54	3.37	1.54	-2.34e-02	1.15	0.37	0.68
6	3	102	18.72	6.83	7.41	18.15	2.55	0.84	0.25	0.71	0.38	0.24
6	3	127	23.63	2.22	2.43	23.42	2.11	0.92	0.55	0.89	0.58	0.11
6	3	133	2.42	1.24	2.42	1.25	-4.84e-02	0.61	0.31	0.61	0.31	-1.74e-02
6	3	136	17.23	4.55	17.20	4.58	0.64	3.62	1.33	3.55	1.41	-0.42
6	3	144	11.79	1.11e-02	6.50e-02	11.73	-0.79	0.82	-2.36e-02	0.52	0.27	-0.40
6	3	145	4.88	1.55	4.75	1.67	-0.63	1.04	0.21	0.87	0.38	-0.34
6	3	150	13.86	2.82	13.77	2.90	-0.96	3.20	0.18	2.40	0.98	-1.33
6	3	158	8.93	1.91	8.64	2.20	-1.38	1.94	-8.05e-02	1.30	0.56	-0.94
6	3	159	14.95	8.21	11.09	12.07	3.33	2.62	-5.83e-02	1.74	0.82	1.25
6	3	163	1.53	-0.52	-0.13	1.14	0.81	0.59	8.84e-02	0.53	0.15	0.16
6	3	164	16.38	7.34	15.89	7.83	2.04	3.61	0.77	3.10	1.28	1.10
6	3	166	8.72	-0.10	-5.34e-02	8.67	0.64	0.52	0.24	0.51	0.24	-3.53e-02
6	3	168	2.59	-0.29	0.14	2.17	1.02	0.52	0.13	0.52	0.14	-3.87e-02
6	3	170	3.52	-5.78e-02	0.28	3.18	1.05	0.43	1.74e-02	0.35	9.68e-02	-0.16
6	3	172	4.49	6.10e-02	0.38	4.17	1.15	0.27	-1.07e-02	0.20	6.29e-02	-0.12
6	3	173	5.45	0.11	0.43	5.13	1.26	0.16	5.67e-02	0.16	5.96e-02	1.73e-02
6	3	174	6.39	0.17	0.43	6.14	1.24	0.33	2.36e-02	0.26	9.40e-02	0.13
6	3	175	7.54	0.34	0.46	7.42	0.92	0.45	0.13	0.43	0.15	8.27e-02



6	3	176	9.40	0.52	0.53	9.39	0.17	0.60	0.15	0.55	0.21	-0.15
6	3	177	17.52	5.64	6.43	16.72	2.97	1.42	0.13	1.00	0.55	0.60
6	3	184	0.96	-0.50	-0.37	0.83	0.42	0.63	2.12e-02	0.44	0.21	0.28
6	3	187	5.37	-0.70	-0.41	5.08	1.29	0.33	8.49e-02	0.25	0.17	-0.11
6	3	191	32.22	7.48	7.62	32.08	-1.89	0.24	0.10	0.13	0.22	-5.20e-02
6	3	192	5.06	0.76	5.06	0.76	-3.70e-02	0.19	-0.35	0.18	-0.34	-5.77e-02
6	3	193	5.57	0.45	5.55	0.47	0.35	0.61	7.37e-02	0.59	9.51e-02	0.10
6	3	194	9.60	0.40	9.47	0.54	1.10	1.11	-2.34e-02	0.94	0.15	0.41
6	3	195	15.97	8.37e-02	15.85	0.20	1.35	1.98	-7.05e-02	1.64	0.27	0.77
6	3	196	22.76	0.16	22.75	0.16	0.34	2.85	0.37	2.69	0.52	0.60
6	3	197	24.41	2.26	24.33	2.35	-1.35	3.01	0.64	2.99	0.66	-0.23
6	3	198	20.35	6.10	19.79	6.67	-2.78	2.50	0.16	2.17	0.49	-0.82
6	3	199	15.45	9.17	12.49	12.13	-3.13	1.54	1.45e-02	1.18	0.37	-0.64
6	3	200	18.22	6.99	7.57	17.64	-2.49	0.84	0.25	0.72	0.37	-0.24
6	3	225	23.04	2.32	2.54	22.82	-2.10	0.92	0.54	0.89	0.57	-0.11
6	3	231	2.59	1.27	2.58	1.28	0.12	0.62	0.31	0.62	0.31	1.55e-02
6	3	234	16.29	4.64	16.25	4.68	-0.68	3.32	1.24	3.26	1.29	0.34
6	3	243	5.06	1.56	4.92	1.70	0.68	1.05	0.22	0.88	0.38	0.33
6	3	248	13.40	2.94	13.36	2.99	0.68	3.01	0.27	2.34	0.95	1.18
6	3	256	8.95	2.00	8.72	2.22	1.24	1.92	-1.39e-02	1.34	0.57	0.89
6	3	257	14.39	8.38	11.00	11.78	-2.98	2.54	4.13e-02	1.76	0.82	-1.16
6	3	262	15.56	7.36	15.16	7.76	-1.76	3.32	0.79	2.91	1.20	-0.93
6	3	275	17.06	5.82	6.59	16.29	-2.84	1.42	0.16	1.02	0.56	-0.59
6	3	281	2.41	-0.45	4.59e-03	1.95	1.05	0.55	0.21	0.55	0.22	3.17e-02
6	3	286	4.40	-0.63	-0.31	4.09	1.21	0.52	-1.47e-02	0.33	0.18	-0.26
6	3	294	3.41	-0.50	-0.13	3.03	1.15	0.58	8.72e-02	0.46	0.21	-0.21
6	3	295	7.31	-0.40	-0.23	7.14	1.13	0.47	0.13	0.39	0.21	0.14
6	3	301	13.83	3.39	3.60	13.62	-1.47	0.46	-0.38	4.27e-02	3.73e-02	-0.42
6	3	302	0.54	0.20	0.53	0.20	3.27e-02	0.12	-0.25	7.08e-02	-0.20	0.13
6	3	345	9.46	1.24	1.25	9.46	0.23	0.13	-0.62	-0.21	-0.28	0.37
6	3	346	8.88	2.75	2.76	8.87	0.24	0.61	-0.56	8.81e-03	3.95e-02	0.58
6	3	347	7.25	1.48	1.50	7.23	0.30	-6.58e-02	-0.86	-0.29	-0.63	0.36
6	3	348	7.11	2.19	2.19	7.11	-2.79e-02	0.48	-0.47	-5.24e-03	1.82e-02	0.47
6	3	349	5.82	1.33	1.34	5.80	0.24	-0.17	-0.98	-0.34	-0.82	0.33
6	3	350	5.73	1.77	1.78	5.73	-0.10	0.39	-0.39	-2.42e-03	4.96e-03	0.39
6	3	351	4.77	1.15	1.15	4.76	0.15	-0.28	-1.07	-0.39	-0.96	0.28
6	3	352	4.71	1.46	1.47	4.71	-0.12	0.32	-0.32	-1.28e-03	2.08e-03	0.32
6	3	353	4.01	1.01	1.01	4.00	7.59e-02	-0.36	-1.14	-0.43	-1.08	0.22
6	3	354	3.98	1.24	1.24	3.97	-0.11	0.26	-0.26	-1.16e-03	1.72e-03	0.26
6	3	355	3.47	0.95	0.95	3.47	1.86e-02	-0.43	-1.21	-0.46	-1.18	0.15
6	3	356	3.47	1.08	1.09	3.47	-7.67e-02	0.19	-0.18	-1.23e-03	1.77e-03	0.19
6	3	357	3.14	0.95	0.95	3.14	-9.81e-03	-0.48	-1.26	-0.49	-1.25	8.76e-02
6	3	358	3.18	1.00	1.00	3.17	-2.01e-02	0.11	-0.11	-1.30e-03	1.86e-03	0.11
6	3	359	2.99	1.03	1.03	2.99	-2.31e-03	-0.50	-1.31	-0.50	-1.31	2.25e-02
6	3	360	3.08	0.96	0.97	3.08	7.12e-02	4.06e-02	-4.00e-02	-1.32e-03	1.96e-03	4.02e-02
6	3	361	3.04	1.19	1.19	3.04	4.79e-02	-0.50	-1.34	-0.51	-1.34	-3.99e-02
6	3	362	3.20	0.98	1.00	3.18	0.21	3.04e-02	-2.97e-02	-1.32e-03	2.06e-03	-3.00e-02
6	3	363	3.28	1.41	1.43	3.27	0.15	-0.49	-1.36	-0.50	-1.34	-9.78e-02
6	3	364	3.54	1.03	1.09	3.48	0.39	9.66e-02	-9.57e-02	-1.28e-03	2.18e-03	-9.61e-02
6	3	365	3.75	1.69	1.74	3.71	0.30	-0.46	-1.35	-0.48	-1.33	-0.15
6	3	366	4.12	1.11	1.24	3.99	0.63	0.16	-0.16	-1.20e-03	2.29e-03	-0.16
6	3	367	4.48	2.01	2.12	4.36	0.52	-0.41	-1.33	-0.46	-1.28	-0.19
6	3	368	4.97	1.22	1.47	4.72	0.94	0.21	-0.21	-1.09e-03	2.38e-03	-0.21
6	3	369	5.48	2.37	2.58	5.26	0.79	-0.36	-1.27	-0.42	-1.22	-0.22
6	3	370	6.09	1.37	1.76	5.69	1.31	0.25	-0.25	-9.42e-04	2.44e-03	-0.25
6	3	371	6.78	2.76	3.12	6.43	1.14	-0.29	-1.19	-0.37	-1.12	-0.24
6	3	372	7.51	1.58	2.14	6.94	1.75	0.28	-0.28	-7.55e-04	2.45e-03	-0.28
6	3	373	8.42	3.21	3.71	7.92	1.54	-0.23	-1.08	-0.30	-1.01	-0.25
6	3	374	9.27	1.86	2.62	8.50	2.25	0.29	-0.29	-5.98e-04	2.44e-03	-0.29
6	3	375	10.45	3.70	4.36	9.79	2.00	-0.16	-0.94	-0.23	-0.87	-0.23
6	3	376	11.40	2.25	3.21	10.43	2.81	0.29	-0.29	-8.00e-04	2.87e-03	-0.29
6	3	377	12.97	4.21	5.00	12.17	2.52	-9.64e-02	-0.76	-0.16	-0.70	-0.20
6	3	378	13.99	2.80	3.95	12.84	3.40	0.27	-0.27	-2.58e-03	5.96e-03	-0.27
6	3	379	16.20	4.57	5.48	15.29	3.13	-5.41e-02	-0.52	-9.19e-02	-0.48	-0.13
6	3	380	17.15	3.62	4.87	15.90	3.92	0.27	-0.26	-7.40e-03	1.81e-02	-0.26
6	3	381	21.13	4.01	5.07	20.08	4.11	2.35e-02	-9.36e-02	1.87e-02	-8.87e-02	-2.33e-02
6	3	382	20.74	5.01	6.14	19.61	4.07	0.29	-0.26	-2.25e-03	2.35e-02	-0.28
6	3	383	8.56	0.73	0.84	8.45	-0.88	1.50e-02	-0.31	-0.15	-0.15	0.16
6	3	384	7.15	0.41	0.43	7.14	-0.35	-9.71e-02	-0.42	-0.21	-0.30	0.15
6	3	385	5.90	0.32	0.33	5.89	-0.17	-0.26	-0.63	-0.32	-0.57	0.14
6	3	386	4.91	0.26	0.27	4.90	-0.13	-0.39	-0.86	-0.42	-0.83	0.11
6	3	387	4.14	0.24	0.25	4.14	-0.14	-0.50	-1.08	-0.51	-1.07	7.45e-02
6	3	388	3.59	0.28	0.29	3.58	-0.17	-0.57	-1.26	-0.57	-1.26	3.71e-02
6	3	389	3.22	0.39	0.40	3.21	-0.18	-0.62	-1.42	-0.62	-1.42	-7.97e-04
6	3	390	3.03	0.58	0.60	3.02	-0.17	-0.65	-1.53	-0.65	-1.53	-3.69e-02
6	3	391	3.01	0.87	0.87	3.01	-0.13	-0.65	-1.60	-0.66	-1.60	-6.92e-02
6	3	392	3.18	1.23	1.23	3.18	-3.54e-02	-0.64	-1.62	-0.64	-1.61	-9.57e-02



6	3	393	3.55	1.67	1.67	3.54	0.12	-0.60	-1.60	-0.61	-1.58	-0.11
6	3	394	4.17	2.13	2.19	4.12	0.34	-0.54	-1.52	-0.56	-1.50	-0.12
6	3	395	5.11	2.60	2.78	4.93	0.64	-0.46	-1.39	-0.48	-1.37	-0.12
6	3	396	6.38	3.05	3.42	6.01	1.04	-0.37	-1.21	-0.38	-1.19	-0.11
6	3	397	8.02	3.48	4.09	7.40	1.55	-0.25	-0.97	-0.26	-0.96	-8.33e-02
6	3	398	10.07	3.84	4.74	9.17	2.20	-0.12	-0.68	-0.12	-0.68	-4.15e-02
6	3	399	12.63	4.05	5.31	11.37	3.04	3.82e-02	-0.37	3.74e-02	-0.37	1.82e-02
6	3	400	15.83	3.95	5.74	14.04	4.25	0.24	-9.03e-02	0.21	-5.72e-02	9.90e-02
6	3	401	19.60	3.41	6.30	16.71	6.20	0.46	-1.59e-03	0.35	0.11	0.20
6	3	402	19.06	3.02	7.51	14.57	7.20	0.59	-0.29	0.37	-7.02e-02	0.38
6	3	403	15.37	3.92	7.04	12.24	5.10	0.29	-0.59	0.18	-0.48	0.29
6	3	404	12.24	4.20	6.35	10.09	3.56	7.33e-02	-0.81	2.15e-02	-0.76	0.21
6	3	405	9.65	4.12	5.55	8.21	2.42	-0.11	-1.01	-0.13	-0.99	0.13
6	3	406	7.54	3.83	4.70	6.67	1.57	-0.26	-1.18	-0.26	-1.18	5.89e-02
6	3	407	5.87	3.41	3.85	5.44	0.94	-0.38	-1.33	-0.38	-1.33	1.93e-03
6	3	408	4.63	2.90	3.04	4.49	0.47	-0.47	-1.45	-0.47	-1.45	-4.25e-02
6	3	409	3.80	2.29	2.30	3.79	0.12	-0.54	-1.53	-0.55	-1.52	-7.47e-02
6	3	410	3.31	1.64	1.64	3.30	-0.11	-0.59	-1.57	-0.60	-1.56	-9.53e-02
6	3	411	3.04	1.05	1.09	3.01	-0.27	-0.63	-1.57	-0.64	-1.56	-0.11
6	3	412	2.95	0.58	0.63	2.89	-0.36	-0.64	-1.54	-0.66	-1.53	-0.11
6	3	413	3.00	0.22	0.28	2.95	-0.40	-0.65	-1.48	-0.66	-1.47	-0.10
6	3	414	3.21	-2.68e-02	2.70e-02	3.16	-0.41	-0.63	-1.39	-0.64	-1.38	-9.07e-02
6	3	415	3.58	-0.17	-0.13	3.53	-0.42	-0.60	-1.26	-0.60	-1.25	-7.64e-02
6	3	416	4.12	-0.24	-0.19	4.07	-0.43	-0.54	-1.11	-0.55	-1.11	-6.06e-02
6	3	417	4.83	-0.22	-0.17	4.78	-0.49	-0.47	-0.94	-0.48	-0.93	-4.46e-02
6	3	418	5.73	-0.15	-8.59e-02	5.66	-0.63	-0.39	-0.75	-0.39	-0.74	-2.96e-02
6	3	419	6.80	-6.39e-02	6.35e-02	6.68	-0.93	-0.29	-0.54	-0.29	-0.54	-1.72e-02
6	3	420	8.11	-0.18	9.26e-02	7.84	-1.47	-0.17	-0.24	-0.18	-0.23	-1.57e-02
6	3	421	18.77	3.10	9.90	11.96	7.77	0.98	-0.46	0.59	-7.61e-02	0.64
6	3	422	15.22	3.68	8.49	10.42	5.69	0.67	-0.49	0.42	-0.24	0.48
6	3	423	12.05	3.95	7.29	8.72	3.99	0.39	-0.60	0.25	-0.46	0.35
6	3	424	9.41	3.92	6.12	7.20	2.69	0.17	-0.68	9.96e-02	-0.61	0.23
6	3	425	7.25	3.67	4.99	5.93	1.72	-1.32e-04	-0.75	-2.49e-02	-0.72	0.13
6	3	426	5.54	3.28	3.91	4.91	1.01	-0.13	-0.79	-0.13	-0.79	5.19e-02
6	3	427	4.30	2.73	2.91	4.13	0.49	-0.22	-0.83	-0.22	-0.83	-1.45e-02
6	3	428	3.56	2.00	2.01	3.55	0.12	-0.29	-0.85	-0.29	-0.85	-6.65e-02
6	3	429	3.17	1.21	1.22	3.16	-0.14	-0.33	-0.86	-0.35	-0.84	-0.11
6	3	430	2.99	0.51	0.56	2.94	-0.32	-0.36	-0.85	-0.39	-0.81	-0.13
6	3	431	2.95	-5.12e-02	1.55e-02	2.88	-0.44	-0.36	-0.82	-0.42	-0.77	-0.15
6	3	432	3.05	-0.48	-0.40	2.97	-0.52	-0.36	-0.78	-0.43	-0.70	-0.16
6	3	433	3.29	-0.79	-0.70	3.21	-0.58	-0.33	-0.71	-0.42	-0.62	-0.16
6	3	434	3.67	-0.98	-0.89	3.58	-0.64	-0.29	-0.64	-0.40	-0.53	-0.16
6	3	435	4.19	-1.06	-0.96	4.09	-0.72	-0.23	-0.55	-0.36	-0.42	-0.15
6	3	436	4.86	-1.06	-0.93	4.73	-0.85	-0.16	-0.45	-0.31	-0.31	-0.15
6	3	437	5.67	-0.97	-0.79	5.49	-1.07	-6.83e-02	-0.35	-0.24	-0.18	-0.14
6	3	438	6.61	-0.79	-0.50	6.33	-1.43	3.15e-02	-0.25	-0.17	-5.31e-02	-0.13
6	3	439	7.58	-0.31	0.21	7.06	-1.96	5.87e-02	-0.20	-0.12	-2.00e-02	-0.12
6	3	440	7.26	-1.03	-0.35	6.58	-2.28	4.25e-02	-0.32	-0.17	-0.11	-0.18
6	3	441	6.27	-1.15	-0.69	5.81	-1.79	-4.78e-02	-0.42	-0.22	-0.24	-0.18
6	3	442	5.43	-1.35	-1.03	5.11	-1.43	-8.99e-02	-0.47	-0.28	-0.29	-0.19
6	3	443	4.68	-1.47	-1.24	4.45	-1.17	-0.12	-0.52	-0.32	-0.32	-0.20
6	3	444	4.06	-1.50	-1.31	3.88	-0.99	-0.15	-0.55	-0.35	-0.35	-0.20
6	3	445	3.56	-1.42	-1.26	3.41	-0.86	-0.16	-0.57	-0.35	-0.38	-0.20
6	3	446	3.19	-1.22	-1.09	3.05	-0.77	-0.17	-0.57	-0.35	-0.39	-0.20
6	3	447	2.94	-0.90	-0.77	2.82	-0.68	-0.16	-0.56	-0.33	-0.40	-0.20
6	3	448	2.82	-0.44	-0.33	2.71	-0.59	-0.16	-0.54	-0.29	-0.40	-0.18
6	3	449	2.81	0.18	0.27	2.72	-0.46	-0.14	-0.50	-0.24	-0.40	-0.16
6	3	450	2.91	0.96	1.00	2.87	-0.28	-0.11	-0.45	-0.17	-0.39	-0.13
6	3	451	3.17	1.89	1.89	3.17	-2.46e-02	-6.78e-02	-0.40	-8.88e-02	-0.38	-8.06e-02
6	3	452	3.76	2.79	2.93	3.61	0.35	6.49e-03	-0.36	5.30e-03	-0.36	-2.08e-02
6	3	453	5.04	3.30	4.12	4.23	0.87	0.12	-0.34	0.11	-0.33	5.59e-02
6	3	454	6.84	3.62	5.45	5.02	1.59	0.27	-0.34	0.23	-0.30	0.15
6	3	455	9.08	3.82	6.92	5.99	2.59	0.47	-0.35	0.37	-0.25	0.27
6	3	456	11.81	3.85	8.53	7.13	3.92	0.71	-0.37	0.51	-0.18	0.41
6	3	457	15.06	3.60	10.25	8.40	5.65	0.98	-0.39	0.66	-6.53e-02	0.58
6	3	458	18.97	2.98	11.99	9.96	7.93	1.35	-0.28	0.82	0.24	0.76
6	3	459	6.84	-1.24	-0.39	6.00	-2.48	0.27	-0.16	-7.15e-02	0.18	-0.17
6	3	460	6.03	-1.73	-1.17	5.47	-2.01	0.38	-0.14	-7.29e-02	0.32	-0.18
6	3	461	5.25	-2.00	-1.62	4.87	-1.62	0.43	-0.16	-9.45e-02	0.36	-0.18
6	3	462	4.57	-2.17	-1.90	4.30	-1.31	0.48	-0.16	-0.11	0.42	-0.18
6	3	463	3.99	-2.22	-2.03	3.79	-1.08	0.53	-0.16	-0.10	0.48	-0.19
6	3	464	3.51	-2.16	-2.02	3.37	-0.89	0.59	-0.13	-8.08e-02	0.54	-0.19
6	3	465	3.14	-1.97	-1.86	3.04	-0.74	0.65	-9.58e-02	-4.50e-02	0.60	-0.19
6	3	466	2.88	-1.63	-1.55	2.80	-0.60	0.71	-4.12e-02	6.00e-03	0.66	-0.18
6	3	467	2.73	-1.14	-1.09	2.68	-0.45	0.77	2.93e-02	7.16e-02	0.73	-0.17
6	3	468	2.68	-0.49	-0.47	2.65	-0.29	0.82	0.12	0.15	0.78	-0.15
6	3	469	2.74	0.33	0.33	2.74	-7.73e-02	0.85	0.22	0.24	0.82	-0.13



6	3	470	2.96	1.28	1.31	2.94	0.20	0.87	0.33	0.35	0.86	-8.72e-02
6	3	471	3.57	2.16	2.48	3.25	0.58	0.88	0.46	0.46	0.88	-3.41e-02
6	3	472	4.88	2.66	3.85	3.69	1.11	0.88	0.58	0.59	0.88	3.69e-02
6	3	473	6.76	2.93	5.44	4.24	1.82	0.94	0.65	0.72	0.86	0.13
6	3	474	9.11	3.07	7.26	4.91	2.78	1.10	0.60	0.87	0.83	0.25
6	3	475	11.97	3.06	9.35	5.68	4.06	1.34	0.49	1.03	0.80	0.40
6	3	476	15.44	2.87	11.78	6.52	5.71	1.63	0.35	1.22	0.76	0.60
6	3	477	19.43	2.36	14.66	7.13	7.66	1.88	-7.88e-03	1.36	0.51	0.84
6	3	478	6.48	-1.56	-0.64	5.55	-2.57	5.66e-02	-0.22	-0.16	1.26e-03	-0.11
6	3	479	5.61	-1.87	-1.21	4.96	-2.12	8.00e-02	-0.21	-0.16	2.85e-02	-0.11
6	3	480	4.88	-2.16	-1.70	4.42	-1.73	0.17	-0.20	-0.17	0.13	-0.11
6	3	481	4.23	-2.35	-2.03	3.91	-1.40	0.28	-0.19	-0.16	0.24	-0.12
6	3	482	3.67	-2.43	-2.21	3.46	-1.12	0.39	-0.17	-0.14	0.36	-0.12
6	3	483	3.22	-2.38	-2.24	3.07	-0.88	0.51	-0.13	-9.97e-02	0.48	-0.13
6	3	484	2.86	-2.21	-2.11	2.77	-0.69	0.63	-6.61e-02	-4.21e-02	0.61	-0.13
6	3	485	2.60	-1.88	-1.82	2.54	-0.51	0.75	1.10e-02	3.30e-02	0.73	-0.13
6	3	486	2.43	-1.40	-1.37	2.41	-0.33	0.88	0.11	0.13	0.86	-0.12
6	3	487	2.36	-0.75	-0.74	2.36	-0.14	1.00	0.22	0.23	0.98	-0.11
6	3	488	2.40	7.78e-02	8.01e-02	2.40	7.40e-02	1.11	0.35	0.36	1.10	-9.87e-02
6	3	489	2.60	1.02	1.10	2.52	0.34	1.20	0.49	0.50	1.20	-7.57e-02
6	3	490	3.26	1.82	2.35	2.73	0.70	1.28	0.65	0.65	1.28	-4.16e-02
6	3	491	4.65	2.20	3.83	3.02	1.16	1.33	0.82	0.82	1.33	6.79e-03
6	3	492	6.58	2.39	5.60	3.38	1.78	1.36	0.98	0.99	1.34	7.39e-02
6	3	493	8.98	2.49	7.69	3.79	2.59	1.42	1.06	1.18	1.31	0.16
6	3	494	11.91	2.49	10.15	4.24	3.66	1.58	0.99	1.36	1.21	0.29
6	3	495	15.42	2.37	13.04	4.75	5.04	1.77	0.76	1.50	1.02	0.44
6	3	496	19.72	2.33	16.36	5.69	6.86	1.97	0.58	1.56	0.99	0.63
6	3	497	6.05	-1.77	-0.78	5.06	-2.60	0.29	-4.73e-02	-4.73e-02	0.29	8.13e-04
6	3	498	5.29	-2.25	-1.58	4.62	-2.14	0.51	-2.15e-02	-2.14e-02	0.51	-7.76e-03
6	3	499	4.58	-2.59	-2.14	4.14	-1.72	0.66	-1.44e-02	-1.43e-02	0.66	-1.02e-02
6	3	500	3.97	-2.82	-2.54	3.69	-1.35	0.83	8.26e-03	8.44e-03	0.83	-1.19e-02
6	3	501	3.45	-2.95	-2.78	3.28	-1.02	1.00	4.93e-02	4.94e-02	1.00	-1.36e-02
6	3	502	3.03	-2.95	-2.86	2.94	-0.74	1.19	0.11	0.11	1.19	-1.53e-02
6	3	503	2.70	-2.82	-2.77	2.66	-0.48	1.38	0.19	0.19	1.38	-1.69e-02
6	3	504	2.46	-2.54	-2.52	2.45	-0.24	1.58	0.29	0.29	1.58	-1.79e-02
6	3	505	2.32	-2.10	-2.10	2.32	1.25e-04	1.78	0.40	0.40	1.78	-1.81e-02
6	3	506	2.27	-1.50	-1.49	2.25	0.25	1.98	0.54	0.54	1.98	-1.68e-02
6	3	507	2.35	-0.76	-0.67	2.26	0.52	2.17	0.70	0.70	2.17	-1.34e-02
6	3	508	2.64	4.84e-02	0.36	2.33	0.84	2.36	0.87	0.87	2.36	-6.96e-03
6	3	509	3.33	0.75	1.63	2.45	1.22	2.52	1.06	1.06	2.52	3.46e-03
6	3	510	4.63	1.18	3.18	2.63	1.70	2.64	1.26	1.26	2.64	1.92e-02
6	3	511	6.49	1.40	5.05	2.83	2.29	2.71	1.47	1.47	2.71	4.19e-02
6	3	512	8.88	1.48	7.30	3.05	3.03	2.71	1.69	1.69	2.71	7.33e-02
6	3	513	11.83	1.45	10.02	3.26	3.94	2.62	1.90	1.92	2.60	0.12
6	3	514	15.48	1.31	13.34	3.45	5.07	2.45	2.06	2.16	2.35	0.17
6	3	515	19.79	0.77	17.30	3.26	6.42	2.32	1.51	2.25	1.58	0.23
6	3	516	5.62	-1.79	-0.77	4.60	-2.56	5.37e-02	-0.19	-0.16	2.01e-02	8.49e-02
6	3	517	4.78	-2.16	-1.46	4.08	-2.09	0.12	-0.18	-0.14	8.35e-02	0.10
6	3	518	4.08	-2.50	-2.05	3.63	-1.66	0.25	-0.17	-0.14	0.22	0.11
6	3	519	3.48	-2.75	-2.49	3.21	-1.25	0.39	-0.15	-0.13	0.37	0.11
6	3	520	2.98	-2.89	-2.76	2.84	-0.89	0.54	-0.11	-9.57e-02	0.52	0.11
6	3	521	2.58	-2.92	-2.86	2.53	-0.55	0.69	-6.02e-02	-4.43e-02	0.68	0.11
6	3	522	2.28	-2.81	-2.80	2.27	-0.24	0.86	1.20e-02	2.57e-02	0.84	0.11
6	3	523	2.07	-2.57	-2.56	2.07	5.41e-02	1.02	0.10	0.11	1.01	0.10
6	3	524	1.95	-2.17	-2.14	1.92	0.34	1.19	0.21	0.22	1.18	9.90e-02
6	3	525	1.96	-1.65	-1.53	1.84	0.64	1.35	0.34	0.35	1.34	9.24e-02
6	3	526	2.13	-1.03	-0.70	1.81	0.96	1.50	0.48	0.49	1.49	8.33e-02
6	3	527	2.59	-0.42	0.35	1.82	1.31	1.63	0.64	0.65	1.63	7.09e-02
6	3	528	3.48	4.84e-02	1.65	1.88	1.71	1.74	0.82	0.82	1.74	5.44e-02
6	3	529	4.86	0.33	3.24	1.96	2.17	1.81	1.01	1.01	1.81	3.24e-02
6	3	530	6.72	0.48	5.15	2.05	2.71	1.83	1.20	1.20	1.83	3.25e-03
6	3	531	9.05	0.54	7.45	2.14	3.33	1.78	1.40	1.41	1.78	-3.51e-02
6	3	532	11.88	0.53	10.20	2.21	4.03	1.70	1.53	1.61	1.63	-8.45e-02
6	3	533	15.27	0.49	13.47	2.28	4.83	1.80	1.30	1.75	1.35	-0.14
6	3	534	19.33	0.81	17.36	2.78	5.70	1.84	1.14	1.77	1.20	-0.20
6	3	535	5.17	-1.81	-0.76	4.12	-2.50	0.35	-0.17	-5.54e-02	0.24	0.22
6	3	536	4.38	-2.35	-1.67	3.71	-2.02	0.51	-0.12	-4.15e-02	0.43	0.21
6	3	537	3.69	-2.73	-2.33	3.28	-1.56	0.61	-0.11	-4.60e-02	0.54	0.21
6	3	538	3.12	-3.02	-2.81	2.90	-1.13	0.72	-9.71e-02	-3.76e-02	0.66	0.21
6	3	539	2.66	-3.22	-3.13	2.57	-0.73	0.85	-6.59e-02	-1.25e-02	0.80	0.21
6	3	540	2.31	-3.30	-3.27	2.29	-0.36	0.98	-1.80e-02	3.02e-02	0.93	0.21
6	3	541	2.05	-3.25	-3.25	2.05	-2.03e-02	1.12	4.73e-02	9.05e-02	1.08	0.21
6	3	542	1.89	-3.06	-3.04	1.87	0.30	1.26	0.13	0.17	1.22	0.20
6	3	543	1.82	-2.73	-2.64	1.73	0.62	1.39	0.23	0.26	1.36	0.19
6	3	544	1.86	-2.27	-2.05	1.64	0.94	1.52	0.35	0.37	1.49	0.18
6	3	545	2.07	-1.72	-1.24	1.59	1.26	1.64	0.48	0.50	1.62	0.15
6	3	546	2.52	-1.16	-0.21	1.57	1.61	1.74	0.63	0.64	1.73	0.12



6	3	547	3.32	-0.67	1.07	1.58	1.97	1.82	0.79	0.80	1.81	7.69e-02
6	3	548	4.54	-0.31	2.62	1.62	2.37	1.87	0.96	0.97	1.87	2.00e-02
6	3	549	6.20	-6.18e-02	4.48	1.66	2.80	1.89	1.14	1.14	1.88	-5.41e-02
6	3	550	8.29	0.10	6.69	1.70	3.24	1.89	1.29	1.33	1.84	-0.15
6	3	551	10.81	0.22	9.30	1.73	3.70	1.93	1.34	1.52	1.75	-0.28
6	3	552	13.86	0.29	12.44	1.72	4.16	2.10	1.21	1.74	1.58	-0.44
6	3	553	17.46	-2.58e-02	16.08	1.36	4.72	2.21	0.65	1.84	1.02	-0.66
6	3	554	4.71	-1.81	-0.75	3.65	-2.40	0.13	-0.34	-0.16	-6.11e-02	0.23
6	3	555	3.82	-2.12	-1.43	3.13	-1.90	0.13	-0.40	-0.18	-0.10	0.26
6	3	556	3.11	-2.49	-2.10	2.73	-1.42	0.15	-0.42	-0.21	-6.34e-02	0.28
6	3	557	2.55	-2.80	-2.62	2.37	-0.96	0.17	-0.43	-0.24	-1.92e-02	0.28
6	3	558	2.13	-3.02	-2.96	2.07	-0.54	0.21	-0.42	-0.24	3.01e-02	0.28
6	3	559	1.81	-3.14	-3.13	1.81	-0.14	0.25	-0.40	-0.23	8.39e-02	0.28
6	3	560	1.61	-3.14	-3.13	1.60	0.23	0.30	-0.35	-0.20	0.14	0.28
6	3	561	1.50	-3.01	-2.94	1.42	0.58	0.34	-0.30	-0.15	0.20	0.27
6	3	562	1.50	-2.77	-2.56	1.29	0.92	0.39	-0.22	-9.07e-02	0.26	0.25
6	3	563	1.63	-2.42	-1.99	1.19	1.25	0.42	-0.13	-1.36e-02	0.31	0.23
6	3	564	1.93	-2.01	-1.21	1.13	1.59	0.45	-1.82e-02	7.82e-02	0.36	0.19
6	3	565	2.48	-1.60	-0.22	1.10	1.94	0.47	0.11	0.18	0.40	0.14
6	3	566	3.34	-1.24	1.00	1.09	2.29	0.47	0.26	0.30	0.43	8.30e-02
6	3	567	4.52	-0.94	2.46	1.11	2.65	0.45	0.43	0.43	0.44	4.45e-03
6	3	568	6.04	-0.70	4.19	1.15	3.00	0.63	0.40	0.58	0.45	-9.53e-02
6	3	569	7.87	-0.47	6.19	1.20	3.34	0.85	0.32	0.73	0.44	-0.22
6	3	570	10.01	-0.25	8.50	1.26	3.64	1.10	0.21	0.90	0.41	-0.37
6	3	571	12.46	-5.68e-03	11.12	1.34	3.86	1.36	5.39e-02	1.04	0.37	-0.56
6	3	572	15.16	0.55	14.03	1.68	3.90	1.63	3.35e-02	1.15	0.51	-0.73
6	3	573	4.26	-1.51	-0.34	3.09	-2.32	0.30	-0.31	-8.20e-02	7.23e-02	0.29
6	3	574	3.39	-2.20	-1.52	2.72	-1.82	0.31	-0.31	-0.12	0.12	0.29
6	3	575	2.69	-2.62	-2.26	2.34	-1.33	0.28	-0.35	-0.17	9.19e-02	0.29
6	3	576	2.17	-2.97	-2.82	2.01	-0.87	0.25	-0.40	-0.21	5.76e-02	0.29
6	3	577	1.78	-3.24	-3.20	1.74	-0.45	0.22	-0.43	-0.24	2.77e-02	0.30
6	3	578	1.52	-3.40	-3.40	1.52	-6.03e-02	0.19	-0.45	-0.26	1.59e-03	0.29
6	3	579	1.34	-3.44	-3.42	1.33	0.30	0.17	-0.45	-0.26	-2.18e-02	0.28
6	3	580	1.26	-3.35	-3.26	1.17	0.63	0.14	-0.43	-0.25	-4.36e-02	0.27
6	3	581	1.26	-3.13	-2.91	1.05	0.94	0.12	-0.40	-0.22	-6.50e-02	0.25
6	3	582	1.36	-2.79	-2.38	0.95	1.24	9.02e-02	-0.35	-0.18	-8.69e-02	0.22
6	3	583	1.60	-2.36	-1.65	0.89	1.52	6.07e-02	-0.29	-0.12	-0.11	0.18
6	3	584	2.03	-1.89	-0.72	0.86	1.80	3.65e-02	-0.22	-5.10e-02	-0.13	0.12
6	3	585	2.71	-1.44	0.42	0.85	2.07	4.61e-02	-0.17	3.16e-02	-0.16	5.39e-02
6	3	586	3.68	-1.05	1.76	0.87	2.32	0.13	-0.18	0.13	-0.17	-3.02e-02
6	3	587	4.93	-0.70	3.31	0.93	2.55	0.28	-0.22	0.24	-0.18	-0.13
6	3	588	6.45	-0.37	5.07	1.02	2.74	0.47	-0.27	0.37	-0.17	-0.26
6	3	589	8.21	-4.46e-02	7.03	1.13	2.89	0.72	-0.32	0.52	-0.12	-0.41
6	3	590	10.20	0.28	9.21	1.27	2.97	1.03	-0.36	0.70	-2.37e-02	-0.60
6	3	591	12.50	0.35	11.65	1.20	3.10	1.36	-0.55	0.85	-4.18e-02	-0.85
6	3	592	3.78	-1.77	-0.66	2.67	-2.22	3.27e-02	-0.36	-0.14	-0.19	0.20
6	3	593	2.82	-1.97	-1.27	2.12	-1.70	-7.44e-02	-0.56	-0.24	-0.39	0.23
6	3	594	2.11	-2.37	-2.02	1.76	-1.20	-0.16	-0.69	-0.33	-0.52	0.24
6	3	595	1.61	-2.75	-2.62	1.48	-0.74	-0.25	-0.80	-0.41	-0.63	0.25
6	3	596	1.27	-3.06	-3.03	1.25	-0.32	-0.32	-0.89	-0.47	-0.74	0.26
6	3	597	1.06	-3.28	-3.27	1.06	5.88e-02	-0.37	-0.97	-0.51	-0.83	0.26
6	3	598	0.94	-3.38	-3.34	0.90	0.41	-0.42	-1.04	-0.54	-0.91	0.25
6	3	599	0.90	-3.35	-3.22	0.77	0.72	-0.45	-1.08	-0.55	-0.98	0.24
6	3	600	0.94	-3.20	-2.93	0.67	1.01	-0.46	-1.11	-0.54	-1.03	0.22
6	3	601	1.07	-2.93	-2.47	0.60	1.28	-0.46	-1.12	-0.52	-1.07	0.19
6	3	602	1.31	-2.58	-1.82	0.55	1.53	-0.44	-1.12	-0.47	-1.09	0.15
6	3	603	1.69	-2.16	-1.00	0.54	1.76	-0.40	-1.10	-0.42	-1.09	9.87e-02
6	3	604	2.27	-1.72	-1.05e-02	0.55	1.98	-0.34	-1.07	-0.34	-1.07	3.70e-02
6	3	605	3.06	-1.30	1.16	0.60	2.16	-0.24	-1.03	-0.24	-1.03	-3.76e-02
6	3	606	4.08	-0.90	2.49	0.69	2.32	-0.11	-0.97	-0.13	-0.96	-0.13
6	3	607	5.31	-0.51	3.97	0.83	2.45	5.84e-02	-0.91	1.89e-03	-0.85	-0.23
6	3	608	6.72	-0.12	5.60	1.00	2.53	0.27	-0.82	0.16	-0.70	-0.34
6	3	609	8.25	0.27	7.31	1.21	2.58	0.53	-0.70	0.32	-0.49	-0.46
6	3	610	9.73	0.76	8.95	1.54	2.53	0.83	-0.42	0.51	-9.16e-02	-0.55
6	3	611	3.38	-1.23	0.14	2.01	-2.10	3.10e-02	-0.24	-0.10	-0.11	0.14
6	3	612	2.37	-2.04	-1.36	1.69	-1.59	-6.08e-02	-0.33	-0.19	-0.20	0.13
6	3	613	1.70	-2.52	-2.20	1.37	-1.12	-0.18	-0.49	-0.29	-0.38	0.14
6	3	614	1.25	-2.95	-2.83	1.13	-0.69	-0.30	-0.66	-0.38	-0.57	0.15
6	3	615	0.96	-3.30	-3.28	0.93	-0.31	-0.40	-0.83	-0.47	-0.75	0.16
6	3	616	0.78	-3.55	-3.55	0.78	3.34e-02	-0.47	-0.98	-0.54	-0.92	0.17
6	3	617	0.68	-3.67	-3.64	0.65	0.34	-0.53	-1.11	-0.59	-1.06	0.18
6	3	618	0.64	-3.66	-3.57	0.55	0.61	-0.57	-1.22	-0.62	-1.17	0.17
6	3	619	0.66	-3.52	-3.34	0.47	0.85	-0.59	-1.30	-0.63	-1.25	0.17
6	3	620	0.74	-3.26	-2.94	0.42	1.07	-0.59	-1.34	-0.62	-1.31	0.15
6	3	621	0.89	-2.88	-2.39	0.40	1.27	-0.57	-1.35	-0.60	-1.33	0.13
6	3	622	1.14	-2.43	-1.68	0.40	1.45	-0.53	-1.32	-0.55	-1.31	9.87e-02
6	3	623	1.54	-1.93	-0.83	0.43	1.62	-0.47	-1.26	-0.47	-1.26	5.60e-02



6	3	624	2.12	-1.44	0.17	0.51	1.77	-0.38	-1.17	-0.38	-1.17	2.46e-03
6	3	625	2.90	-0.97	1.30	0.62	1.91	-0.26	-1.04	-0.26	-1.04	-6.17e-02
6	3	626	3.88	-0.55	2.55	0.78	2.03	-0.10	-0.89	-0.13	-0.86	-0.14
6	3	627	5.04	-0.14	3.90	0.99	2.14	9.66e-02	-0.71	3.12e-02	-0.64	-0.22
6	3	628	6.34	0.23	5.36	1.21	2.25	0.34	-0.53	0.20	-0.39	-0.32
6	3	629	7.99	0.40	7.14	1.25	2.40	0.61	-0.46	0.36	-0.22	-0.45
6	3	630	2.75	-1.80	-0.69	1.64	-1.95	-0.12	-0.27	-0.13	-0.26	-3.20e-02
6	3	631	1.80	-1.96	-1.28	1.12	-1.45	-0.26	-0.58	-0.26	-0.58	-1.04e-02
6	3	632	1.16	-2.41	-2.11	0.85	-1.00	-0.38	-0.82	-0.38	-0.82	6.53e-03
6	3	633	0.76	-2.87	-2.77	0.66	-0.61	-0.49	-1.03	-0.50	-1.03	2.49e-02
6	3	634	0.53	-3.27	-3.25	0.51	-0.26	-0.58	-1.22	-0.59	-1.21	4.53e-02
6	3	635	0.40	-3.57	-3.57	0.40	4.78e-02	-0.65	-1.39	-0.66	-1.38	6.66e-02
6	3	636	0.34	-3.74	-3.71	0.31	0.32	-0.71	-1.53	-0.72	-1.52	8.73e-02
6	3	637	0.32	-3.78	-3.70	0.25	0.55	-0.74	-1.64	-0.75	-1.63	0.11
6	3	638	0.35	-3.68	-3.53	0.20	0.76	-0.75	-1.71	-0.77	-1.70	0.12
6	3	639	0.42	-3.47	-3.22	0.17	0.95	-0.75	-1.75	-0.76	-1.74	0.13
6	3	640	0.54	-3.14	-2.76	0.16	1.11	-0.72	-1.76	-0.74	-1.74	0.13
6	3	641	0.73	-2.72	-2.17	0.18	1.26	-0.68	-1.71	-0.69	-1.70	0.12
6	3	642	1.03	-2.24	-1.44	0.23	1.41	-0.62	-1.63	-0.63	-1.62	0.11
6	3	643	1.47	-1.74	-0.58	0.30	1.54	-0.53	-1.50	-0.54	-1.50	8.00e-02
6	3	644	2.09	-1.27	0.40	0.42	1.68	-0.42	-1.33	-0.43	-1.33	4.27e-02
6	3	645	2.91	-0.85	1.48	0.58	1.83	-0.29	-1.13	-0.29	-1.13	-4.66e-03
6	3	646	3.91	-0.48	2.64	0.79	1.99	-0.12	-0.89	-0.13	-0.89	-6.04e-02
6	3	647	5.02	-0.15	3.85	1.01	2.16	6.19e-02	-0.63	4.11e-02	-0.61	-0.12
6	3	648	6.02	0.19	4.88	1.33	2.31	0.28	-0.27	0.22	-0.22	-0.16
6	3	649	2.14	-1.18	4.32e-03	0.96	-1.59	8.00e-02	-0.29	-7.11e-02	-0.14	-0.18
6	3	650	1.19	-2.03	-1.58	0.73	-1.12	-4.11e-02	-0.40	-0.18	-0.27	-0.18
6	3	651	0.68	-2.62	-2.46	0.52	-0.72	-0.20	-0.59	-0.28	-0.51	-0.15
6	3	652	0.42	-3.17	-3.12	0.37	-0.40	-0.35	-0.79	-0.38	-0.75	-0.12
6	3	653	0.27	-3.62	-3.62	0.27	-0.13	-0.46	-0.97	-0.47	-0.96	-8.31e-02
6	3	654	0.20	-3.95	-3.95	0.19	9.20e-02	-0.54	-1.14	-0.55	-1.14	-4.21e-02
6	3	655	0.16	-4.14	-4.13	0.14	0.28	-0.60	-1.28	-0.60	-1.28	-1.82e-05
6	3	656	0.14	-4.20	-4.16	9.76e-02	0.43	-0.64	-1.39	-0.64	-1.38	4.15e-02
6	3	657	0.15	-4.13	-4.05	7.29e-02	0.57	-0.65	-1.46	-0.66	-1.45	8.07e-02
6	3	658	0.18	-3.93	-3.81	6.39e-02	0.68	-0.65	-1.50	-0.66	-1.48	0.12
6	3	659	0.24	-3.61	-3.45	7.18e-02	0.79	-0.62	-1.49	-0.64	-1.47	0.15
6	3	660	0.34	-3.19	-2.95	9.90e-02	0.89	-0.57	-1.44	-0.60	-1.41	0.17
6	3	661	0.50	-2.69	-2.34	0.15	0.99	-0.50	-1.34	-0.54	-1.30	0.18
6	3	662	0.75	-2.14	-1.61	0.22	1.11	-0.41	-1.20	-0.46	-1.15	0.19
6	3	663	1.16	-1.60	-0.77	0.33	1.26	-0.30	-1.00	-0.35	-0.95	0.18
6	3	664	1.79	-1.14	0.17	0.47	1.45	-0.18	-0.75	-0.22	-0.71	0.15
6	3	665	2.65	-0.78	1.22	0.65	1.69	-4.07e-02	-0.46	-7.33e-02	-0.43	0.11
6	3	666	3.75	-0.51	2.37	0.86	1.99	8.87e-02	-0.17	7.92e-02	-0.16	4.83e-02
6	3	667	5.16	-0.31	3.89	0.96	2.31	0.21	-4.58e-02	0.20	-3.65e-02	-4.82e-02
6	3	668	1.23	-1.66	-1.03	0.60	-1.19	0.14	-0.42	-0.14	-0.14	-0.28
6	3	669	0.49	-2.07	-1.83	0.26	-0.74	6.94e-02	-0.54	-0.15	-0.32	-0.29
6	3	670	0.19	-2.77	-2.70	0.13	-0.42	-5.29e-03	-0.58	-0.19	-0.40	-0.27
6	3	671	6.93e-02	-3.42	-3.41	6.12e-02	-0.17	-9.83e-02	-0.61	-0.24	-0.47	-0.23
6	3	672	1.77e-02	-3.94	-3.94	1.75e-02	2.29e-02	-0.19	-0.64	-0.29	-0.55	-0.18
6	3	673	-5.69e-03	-4.31	-4.31	-1.23e-02	0.17	-0.28	-0.67	-0.33	-0.63	-0.13
6	3	674	-1.56e-02	-4.54	-4.52	-3.30e-02	0.28	-0.35	-0.72	-0.36	-0.71	-7.08e-02
6	3	675	-1.74e-02	-4.63	-4.60	-4.63e-02	0.36	-0.39	-0.78	-0.39	-0.78	-1.33e-02
6	3	676	-1.22e-02	-4.59	-4.54	-5.29e-02	0.43	-0.41	-0.85	-0.41	-0.84	4.40e-02
6	3	677	1.07e-03	-4.41	-4.36	-5.27e-02	0.48	-0.40	-0.91	-0.43	-0.89	9.94e-02
6	3	678	2.54e-02	-4.12	-4.05	-4.51e-02	0.54	-0.38	-0.96	-0.43	-0.92	0.15
6	3	679	6.69e-02	-3.71	-3.62	-2.90e-02	0.59	-0.35	-1.00	-0.42	-0.94	0.20
6	3	680	0.14	-3.21	-3.07	-2.89e-03	0.67	-0.31	-1.02	-0.40	-0.93	0.23
6	3	681	0.26	-2.62	-2.39	3.53e-02	0.78	-0.26	-1.01	-0.37	-0.90	0.26
6	3	682	0.50	-2.00	-1.59	8.82e-02	0.93	-0.20	-0.97	-0.32	-0.85	0.28
6	3	683	0.96	-1.47	-0.66	0.16	1.14	-0.14	-0.89	-0.26	-0.77	0.28
6	3	684	1.76	-1.12	0.39	0.26	1.44	-8.22e-02	-0.78	-0.19	-0.67	0.25
6	3	685	2.86	-0.93	1.53	0.40	1.81	-3.58e-02	-0.61	-0.12	-0.53	0.20
6	3	686	4.16	-0.78	2.61	0.76	2.29	-8.04e-03	-0.27	-5.83e-02	-0.22	0.10
6	3	687	1.61e-02	-1.46	-1.45	5.60e-03	-0.12	0.37	-0.29	-2.55e-02	0.11	-0.32
6	3	688	-1.89e-02	-2.51	-2.50	-3.61e-02	0.21	0.52	-6.61e-02	7.68e-02	0.38	-0.25
6	3	689	-2.55e-02	-3.42	-3.37	-6.82e-02	0.38	0.64	1.05e-02	0.12	0.53	-0.24
6	3	690	-2.15e-02	-4.12	-4.07	-7.23e-02	0.45	0.71	4.91e-02	0.13	0.62	-0.22
6	3	691	-1.98e-02	-4.65	-4.60	-7.01e-02	0.48	0.72	7.29e-02	0.13	0.66	-0.19
6	3	692	-2.05e-02	-5.02	-4.98	-6.55e-02	0.47	0.71	8.74e-02	0.13	0.67	-0.15
6	3	693	-2.27e-02	-5.25	-5.22	-6.01e-02	0.44	0.67	9.33e-02	0.11	0.65	-0.10
6	3	694	-2.54e-02	-5.35	-5.32	-5.42e-02	0.39	0.61	8.99e-02	9.54e-02	0.60	-5.32e-02
6	3	695	-2.81e-02	-5.32	-5.30	-4.85e-02	0.33	0.54	7.51e-02	7.51e-02	0.54	1.76e-04
6	3	696	-2.99e-02	-5.18	-5.16	-4.30e-02	0.26	0.47	4.60e-02	5.29e-02	0.47	5.38e-02
6	3	697	-3.06e-02	-4.92	-4.91	-3.80e-02	0.19	0.41	4.38e-04	2.98e-02	0.38	0.11
6	3	698	-2.99e-02	-4.54	-4.54	-3.35e-02	0.13	0.35	-6.14e-02	6.35e-03	0.29	0.15
6	3	699	-2.80e-02	-4.05	-4.05	-2.96e-02	8.10e-02	0.31	-0.14	-1.67e-02	0.19	0.20
6	3	700	-2.53e-02	-3.44	-3.44	-2.64e-02	5.98e-02	0.26	-0.21	-3.85e-02	8.64e-02	0.23



6	3	701	-2.12e-02	-2.69	-2.69	-2.34e-02	7.66e-02	0.22	-0.29	-5.82e-02	-1.42e-02	0.25
6	3	702	-7.27e-03	-1.80	-1.79	-1.95e-02	0.15	0.17	-0.35	-7.51e-02	-0.11	0.26
6	3	703	9.84e-02	-0.83	-0.72	-9.75e-03	0.30	0.11	-0.40	-9.05e-02	-0.20	0.25
6	3	704	0.91	-0.35	0.52	2.73e-02	0.58	6.02e-02	-0.45	-0.11	-0.28	0.24
6	3	705	2.31	-0.48	1.84	-1.33e-02	1.04	1.97e-02	-0.59	-0.18	-0.39	0.28
6	3	1017	19.66	4.48	4.48	19.66	1.96e-02	0.31	-9.09e-02	5.61e-02	0.16	0.19
6	3	1018	19.02	5.95	5.96	19.01	-0.40	0.34	-0.32	-1.94e-03	1.59e-02	0.33
6	3	1019	14.46	4.29	4.35	14.40	0.76	0.33	-0.24	4.56e-02	4.31e-02	0.29
6	3	1020	14.69	4.48	4.50	14.67	-0.46	0.31	-0.30	-8.81e-03	1.77e-02	0.30
6	3	1021	10.89	3.26	3.40	10.75	1.01	0.41	-0.27	4.85e-02	9.34e-02	0.34
6	3	1022	10.96	3.38	3.39	10.95	-0.25	0.30	-0.30	-2.50e-03	3.72e-03	0.30
6	3	1023	8.00	2.15	2.35	7.79	1.08	0.45	-0.25	3.86e-02	0.17	0.34
6	3	1024	7.88	2.46	2.46	7.88	-5.92e-02	0.30	-0.30	-3.89e-04	1.01e-04	0.30
6	3	1025	5.57	1.14	1.39	5.31	1.04	0.47	-0.21	2.77e-02	0.24	0.32
6	3	1026	5.31	1.68	1.69	5.31	6.37e-02	0.28	-0.28	-4.17e-05	-7.99e-04	0.28
6	3	1027	3.52	0.30	0.58	3.24	0.91	0.48	-0.16	1.96e-02	0.30	0.28
6	3	1028	3.17	1.04	1.05	3.17	0.12	0.25	-0.25	-6.70e-05	-1.24e-03	0.25
6	3	1029	1.87	-0.33	-5.12e-02	1.59	0.73	0.47	-9.92e-02	1.43e-02	0.36	0.23
6	3	1030	1.49	0.53	0.55	1.47	0.14	0.20	-0.20	-1.47e-04	-1.58e-03	0.20
6	3	1031	0.63	-0.73	-0.50	0.40	0.51	0.45	-4.60e-02	1.11e-02	0.40	0.16
6	3	1032	0.34	9.25e-02	0.19	0.25	0.12	0.14	-0.14	-2.22e-04	-1.80e-03	0.14
6	3	1033	-0.16	-0.90	-0.77	-0.29	0.28	0.44	-6.74e-03	9.13e-03	0.42	8.24e-02
6	3	1034	-6.95e-03	-0.48	-2.49e-02	-0.46	9.02e-02	7.16e-02	-7.38e-02	-2.72e-04	-1.92e-03	7.27e-02
6	3	1035	-0.45	-0.87	-0.86	-0.45	3.61e-02	0.43	8.04e-03	8.04e-03	0.43	1.50e-03
6	3	1036	-7.60e-02	-0.64	-7.95e-02	-0.64	4.42e-02	6.54e-04	-2.91e-03	-2.86e-04	-1.97e-03	1.57e-03
6	3	1037	-2.26e-02	-0.85	-0.78	-8.94e-02	-0.23	0.43	-7.13e-03	7.74e-03	0.42	-7.97e-02
6	3	1038	2.11e-02	-0.29	2.02e-02	-0.29	-1.75e-02	6.88e-02	-7.10e-02	-2.64e-04	-1.95e-03	-6.99e-02
6	3	1039	0.93	-0.69	-0.51	0.76	-0.50	0.45	-4.75e-02	8.48e-03	0.39	-0.16
6	3	1040	0.58	0.24	0.27	0.55	-9.09e-02	0.14	-0.14	-2.15e-04	-1.81e-03	-0.14
6	3	1041	2.28	-0.31	-5.44e-02	2.03	-0.77	0.47	-0.10	1.10e-02	0.35	-0.23
6	3	1042	1.86	0.62	0.65	1.84	-0.16	0.20	-0.20	-1.50e-04	-1.54e-03	-0.20
6	3	1043	3.97	0.30	0.60	3.68	-1.00	0.48	-0.16	1.62e-02	0.30	-0.29
6	3	1044	3.56	1.13	1.15	3.54	-0.21	0.25	-0.25	-7.75e-05	-1.20e-03	-0.25
6	3	1045	5.96	1.13	1.43	5.66	-1.16	0.47	-0.21	2.50e-02	0.24	-0.33
6	3	1046	5.63	1.76	1.77	5.62	-0.19	0.29	-0.29	-4.92e-05	-7.75e-04	-0.29
6	3	1047	8.26	2.14	2.40	8.01	-1.22	0.45	-0.25	3.68e-02	0.16	-0.35
6	3	1048	8.09	2.51	2.51	8.09	-0.10	0.30	-0.30	-3.81e-04	1.05e-04	-0.30
6	3	1049	10.97	3.26	3.44	10.80	-1.15	0.41	-0.27	4.78e-02	9.01e-02	-0.34
6	3	1050	11.01	3.40	3.40	11.00	8.06e-02	0.31	-0.30	-2.45e-03	3.72e-03	-0.30
6	3	1051	14.33	4.31	4.39	14.25	-0.88	0.33	-0.25	4.63e-02	3.98e-02	-0.29
6	3	1052	14.54	4.45	4.46	14.54	0.30	0.31	-0.30	-8.70e-03	1.77e-02	-0.31
6	3	1053	19.26	4.53	4.53	19.26	-0.13	0.31	-9.34e-02	5.88e-02	0.16	-0.20
6	3	1054	18.68	5.85	5.85	18.67	0.27	0.34	-0.33	-2.04e-03	1.59e-02	-0.33
6	3	1055	16.73	5.02	5.18	16.56	-1.39	1.02	0.23	0.49	0.75	0.37
6	3	1056	13.58	3.77	3.78	13.57	0.30	1.32	0.26	0.48	1.10	0.43
6	3	1057	10.65	2.41	2.55	10.51	1.08	1.50	0.25	0.44	1.30	0.46
6	3	1058	8.11	0.99	1.27	7.83	1.39	1.65	0.25	0.41	1.48	0.46
6	3	1059	5.87	-0.30	3.98e-02	5.53	1.41	1.78	0.26	0.39	1.64	0.43
6	3	1060	3.90	-1.35	-1.03	3.59	1.25	1.88	0.28	0.38	1.79	0.37
6	3	1061	2.23	-2.12	-1.89	2.00	0.98	1.97	0.31	0.37	1.91	0.30
6	3	1062	0.96	-2.63	-2.50	0.83	0.68	2.03	0.33	0.36	2.00	0.21
6	3	1063	0.19	-2.91	-2.87	0.14	0.37	2.06	0.35	0.36	2.06	0.11
6	3	1064	4.89e-03	-3.00	-3.00	4.24e-03	4.41e-02	2.07	0.35	0.35	2.07	1.73e-03
6	3	1065	0.43	-2.91	-2.89	0.40	-0.31	2.06	0.35	0.35	2.05	-0.10
6	3	1066	1.38	-2.64	-2.52	1.26	-0.69	2.02	0.33	0.36	2.00	-0.20
6	3	1067	2.76	-2.12	-1.88	2.51	-1.06	1.96	0.30	0.36	1.91	-0.30
6	3	1068	4.42	-1.34	-0.98	4.07	-1.38	1.88	0.28	0.37	1.78	-0.37
6	3	1069	6.31	-0.27	0.13	5.91	-1.56	1.77	0.25	0.39	1.64	-0.43
6	3	1070	8.39	1.04	1.38	8.05	-1.54	1.65	0.24	0.41	1.47	-0.46
6	3	1071	10.72	2.50	2.68	10.54	-1.22	1.50	0.24	0.44	1.29	-0.46
6	3	1072	13.42	3.91	3.93	13.40	-0.42	1.31	0.26	0.48	1.09	-0.43
6	3	1073	16.35	5.20	5.35	16.20	1.26	1.01	0.22	0.49	0.74	-0.37
6	3	1074	14.51	6.14	6.37	14.29	1.36	1.10	-3.97e-02	0.49	0.57	-0.57
6	3	1075	11.99	4.69	4.72	11.96	-0.42	1.37	-1.90e-02	0.48	0.88	-0.67
6	3	1076	10.06	2.56	2.88	9.75	-1.50	1.67	5.53e-02	0.45	1.27	-0.70
6	3	1077	8.28	0.47	1.04	7.71	-2.03	1.96	0.13	0.43	1.65	-0.68
6	3	1078	6.52	-1.34	-0.71	5.89	-2.13	2.23	0.21	0.42	2.01	-0.62
6	3	1079	4.80	-2.79	-2.26	4.28	-1.92	2.47	0.28	0.43	2.33	-0.54
6	3	1080	3.18	-3.86	-3.53	2.85	-1.50	2.67	0.35	0.43	2.59	-0.43
6	3	1081	1.79	-4.58	-4.43	1.65	-0.97	2.82	0.40	0.44	2.79	-0.30
6	3	1082	0.79	-5.00	-4.96	0.75	-0.43	2.93	0.44	0.45	2.92	-0.15
6	3	1083	0.31	-5.13	-5.13	0.31	4.62e-02	2.97	0.46	0.46	2.97	-2.10e-03
6	3	1084	0.47	-5.01	-4.97	0.43	0.48	2.95	0.45	0.46	2.94	0.15
6	3	1085	1.26	-4.63	-4.48	1.11	0.91	2.87	0.43	0.46	2.84	0.29
6	3	1086	2.56	-3.94	-3.65	2.27	1.35	2.74	0.38	0.46	2.66	0.42
6	3	1087	4.21	-2.91	-2.46	3.77	1.73	2.55	0.32	0.46	2.41	0.53
6	3	1088	6.06	-1.50	-0.96	5.52	1.94	2.31	0.25	0.46	2.10	0.62



6	3	1089	8.00	0.29	0.77	7.52	1.86	2.04	0.17	0.46	1.75	0.67
6	3	1090	10.00	2.36	2.62	9.75	1.37	1.73	9.28e-02	0.48	1.35	0.69
6	3	1091	12.16	4.46	4.48	12.14	0.31	1.42	7.20e-03	0.49	0.93	0.67
6	3	1092	14.87	5.91	6.15	14.62	-1.46	1.12	-3.39e-02	0.49	0.59	0.57
6	3	1093	12.77	7.93	8.73	11.96	1.80	1.84	-0.28	0.71	0.85	-1.06
6	3	1094	10.60	5.56	5.56	10.59	-1.87e-02	2.23	-8.24e-02	0.69	1.46	-1.09
6	3	1095	9.25	2.59	2.86	8.98	-1.31	2.66	5.97e-02	0.67	2.05	-1.10
6	3	1096	8.02	-0.28	0.27	7.47	-2.07	3.13	0.21	0.67	2.67	-1.06
6	3	1097	6.70	-2.77	-2.15	6.08	-2.34	3.58	0.35	0.68	3.26	-0.97
6	3	1098	5.29	-4.83	-4.32	4.78	-2.21	3.99	0.48	0.69	3.78	-0.83
6	3	1099	3.87	-6.43	-6.11	3.56	-1.77	4.31	0.59	0.71	4.20	-0.65
6	3	1100	2.55	-7.57	-7.44	2.42	-1.15	4.56	0.68	0.73	4.51	-0.46
6	3	1101	1.51	-8.26	-8.24	1.48	-0.52	4.74	0.74	0.75	4.72	-0.24
6	3	1102	0.96	-8.52	-8.52	0.96	1.44e-02	4.83	0.77	0.77	4.83	-1.66e-02
6	3	1103	1.08	-8.35	-8.33	1.05	0.48	4.80	0.76	0.77	4.79	0.21
6	3	1104	1.86	-7.75	-7.65	1.76	0.97	4.67	0.72	0.77	4.62	0.43
6	3	1105	3.14	-6.71	-6.48	2.90	1.50	4.44	0.65	0.76	4.33	0.63
6	3	1106	4.67	-5.20	-4.79	4.27	1.95	4.14	0.55	0.75	3.95	0.81
6	3	1107	6.28	-3.19	-2.67	5.75	2.17	3.76	0.43	0.73	3.46	0.96
6	3	1108	7.82	-0.70	-0.21	7.33	1.98	3.31	0.28	0.72	2.87	1.06
6	3	1109	9.26	2.21	2.45	9.02	1.29	2.82	0.12	0.71	2.23	1.12
6	3	1110	10.79	5.25	5.25	10.79	2.55e-02	2.35	-5.45e-02	0.71	1.59	1.12
6	3	1111	13.02	7.76	8.49	12.29	-1.82	1.91	-0.29	0.71	0.91	1.10
6	3	1112	11.80	8.85	10.22	10.43	-1.47	2.03	-0.54	0.87	0.62	1.28
6	3	1113	9.16	6.77	6.97	8.96	0.66	2.22	-0.80	0.61	0.81	1.50
6	3	1114	8.64	2.48	3.32	7.80	2.12	2.44	-0.82	0.41	1.21	1.58
6	3	1115	7.78	-1.31	-0.22	6.69	2.95	2.69	-0.72	0.25	1.71	1.54
6	3	1116	6.62	-4.55	-3.56	5.62	3.18	2.99	-0.53	0.17	2.28	1.41
6	3	1117	5.25	-7.26	-6.55	4.54	2.89	3.32	-0.30	0.15	2.87	1.20
6	3	1118	3.76	-9.38	-9.01	3.38	2.19	3.65	-8.54e-02	0.17	3.39	0.94
6	3	1119	2.37	-10.86	-10.72	2.24	1.35	3.90	6.43e-02	0.17	3.79	0.64
6	3	1120	1.46	-11.67	-11.64	1.43	0.60	4.02	0.13	0.16	4.00	0.30
6	3	1121	1.36	-11.86	-11.86	1.36	-7.73e-02	4.01	0.14	0.14	4.01	-6.34e-02
6	3	1122	2.08	-11.42	-11.36	2.02	-0.88	3.84	7.10e-02	0.12	3.80	-0.41
6	3	1123	3.26	-10.32	-10.08	3.02	-1.81	3.57	-7.68e-02	7.40e-02	3.42	-0.73
6	3	1124	4.57	-8.61	-8.05	4.01	-2.66	3.22	-0.29	2.26e-02	2.90	-1.01
6	3	1125	5.81	-6.37	-5.47	4.91	-3.18	2.87	-0.53	7.29e-03	2.33	-1.24
6	3	1126	6.91	-3.66	-2.54	5.79	-3.26	2.57	-0.74	5.68e-02	1.77	-1.41
6	3	1127	7.82	-0.51	0.60	6.71	-2.84	2.34	-0.87	0.17	1.29	-1.50
6	3	1128	8.50	3.11	3.90	7.71	-1.90	2.16	-0.90	0.36	0.90	-1.51
6	3	1129	8.90	7.17	7.29	8.79	-0.43	2.02	-0.81	0.58	0.62	-1.41
6	3	1130	11.87	8.61	10.30	10.18	1.63	1.90	-0.50	0.86	0.54	-1.19
6	3	1131	15.31	6.90	14.57	7.64	-2.39	2.38	-1.03	0.99	0.36	1.68
6	3	1132	8.76	7.17	8.63	7.31	-0.44	2.40	-1.24	0.64	0.52	1.82
6	3	1133	7.10	3.50	3.87	6.72	1.10	2.47	-1.47	0.30	0.71	1.96
6	3	1134	6.87	-1.29	-0.67	6.25	2.16	2.66	-1.55	9.60e-03	1.10	2.03
6	3	1135	6.46	-5.72	-5.09	5.82	2.71	3.03	-1.43	-0.18	1.77	2.01
6	3	1136	5.84	-9.80	-9.32	5.36	2.70	3.57	-1.13	-0.25	2.69	1.83
6	3	1137	4.91	-13.33	-13.07	4.65	2.15	4.13	-0.71	-0.22	3.64	1.45
6	3	1138	3.65	-15.90	-15.81	3.56	1.26	4.40	-0.40	-0.23	4.23	0.89
6	3	1139	2.56	-17.23	-17.22	2.55	0.48	4.43	-0.36	-0.33	4.40	0.35
6	3	1140	2.50	-17.46	-17.45	2.50	-0.12	4.38	-0.37	-0.36	4.37	-0.12
6	3	1141	3.46	-16.56	-16.51	3.42	-0.94	4.25	-0.43	-0.33	4.15	-0.67
6	3	1142	4.61	-14.44	-14.24	4.41	-1.92	3.86	-0.75	-0.38	3.50	-1.24
6	3	1143	5.43	-11.40	-10.98	5.02	-2.62	3.23	-1.20	-0.47	2.51	-1.64
6	3	1144	5.99	-7.87	-7.27	5.38	-2.84	2.64	-1.55	-0.46	1.55	-1.84
6	3	1145	6.38	-4.07	-3.39	5.70	-2.58	2.25	-1.72	-0.33	0.85	-1.89
6	3	1146	6.68	-3.11e-02	0.56	6.09	-1.90	2.06	-1.70	-8.57e-02	0.44	-1.86
6	3	1147	6.86	4.32	4.61	6.57	-0.80	2.02	-1.49	0.24	0.28	-1.75
6	3	1148	9.12	6.92	8.88	7.16	0.69	2.07	-1.17	0.62	0.29	-1.61
6	3	1149	15.16	6.67	14.33	7.51	2.52	2.15	-0.88	0.98	0.28	-1.47
6	3	1150	15.75	5.42	14.91	6.26	-2.82	2.08	-0.78	1.40	-0.11	1.22
6	3	1151	10.65	5.25	10.52	5.38	-0.82	1.41	-2.20	0.50	-1.28	1.57
6	3	1152	6.12	4.51	5.47	5.16	0.79	0.74	-3.42	-0.34	-2.34	1.82
6	3	1153	5.86	-0.22	0.60	5.04	2.08	1.25e-02	-4.59	-1.18	-3.40	2.02
6	3	1154	5.92	-5.10	-4.17	4.99	3.07	-0.77	-5.68	-2.03	-4.42	2.14
6	3	1155	5.89	-9.94	-9.04	4.99	3.67	-1.64	-6.56	-2.92	-5.28	2.15
6	3	1156	5.60	-14.84	-14.17	4.93	3.63	-2.61	-6.85	-3.81	-5.65	1.91
6	3	1157	4.61	-19.47	-19.22	4.36	2.45	-3.47	-6.17	-4.15	-5.49	1.18
6	3	1158	2.96	-21.88	-21.86	2.94	0.80	-3.65	-5.05	-3.76	-4.94	0.37
6	3	1159	2.92	-22.11	-22.10	2.91	-0.58	-3.78	-5.04	-3.81	-5.01	-0.19
6	3	1160	4.48	-20.16	-19.95	4.27	-2.26	-3.76	-6.21	-4.29	-5.69	-1.01
6	3	1161	5.39	-15.99	-15.40	4.80	-3.51	-3.01	-7.00	-4.05	-5.97	-1.75
6	3	1162	5.62	-11.62	-10.80	4.80	-3.67	-2.13	-6.83	-3.25	-5.72	-2.00
6	3	1163	5.62	-7.37	-6.52	4.77	-3.22	-1.34	-6.08	-2.45	-4.97	-2.01
6	3	1164	5.56	-3.15	-2.39	4.79	-2.46	-0.63	-5.11	-1.69	-4.04	-1.91
6	3	1165	5.48	1.16	1.73	4.91	-1.46	4.41e-02	-4.05	-0.94	-3.06	-1.75



6	3	1166	6.06	5.04	6.00	5.10	-0.25	0.68	-2.96	-0.19	-2.09	-1.55
6	3	1167	10.76	5.10	10.48	5.38	1.23	1.28	-1.85	0.55	-1.13	-1.32
6	3	1168	15.39	5.28	14.39	6.28	3.02	1.89	-0.59	1.36	-6.90e-02	-1.01
6	3	1169	20.28	2.66	19.45	3.49	-3.73	1.43	-0.89	1.30	-0.76	0.54
6	3	1170	12.51	3.20	11.85	3.87	-2.40	0.44	-2.48	0.32	-2.36	0.59
6	3	1171	7.02	3.32	6.47	3.87	-1.32	-0.72	-4.68	-0.84	-4.56	0.65
6	3	1172	4.03	1.51	1.61	3.93	-0.49	-2.05	-7.27	-2.15	-7.17	0.72
6	3	1173	4.07	-3.14	-3.14	4.06	7.08e-02	-3.50	-10.19	-3.59	-10.10	0.78
6	3	1174	4.35	-8.19	-8.18	4.33	0.36	-5.06	-13.36	-5.16	-13.26	0.90
6	3	1175	4.88	-14.22	-14.21	4.87	0.37	-6.60	-16.56	-6.78	-16.39	1.32
6	3	1176	6.07	-23.27	-23.27	6.07	0.26	-6.61	-17.67	-7.52	-16.76	3.04
6	3	1177	7.73	-36.78	-36.78	7.73	0.10	-6.62	-11.71	-7.92	-10.41	2.22
6	3	1178	7.71	-37.02	-37.02	7.71	-0.14	-6.75	-11.75	-7.98	-10.51	-2.16
6	3	1179	6.03	-24.00	-24.00	6.02	-0.32	-6.84	-17.94	-7.70	-17.07	-2.97
6	3	1180	4.82	-15.46	-15.44	4.81	-0.49	-6.92	-17.06	-7.08	-16.90	-1.26
6	3	1181	4.28	-9.99	-9.96	4.26	-0.58	-5.49	-14.06	-5.58	-13.98	-0.84
6	3	1182	4.02	-5.56	-5.54	4.00	-0.42	-4.06	-11.08	-4.13	-11.00	-0.73
6	3	1183	3.89	-1.50	-1.50	3.89	-2.69e-02	-2.72	-8.33	-2.80	-8.24	-0.68
6	3	1184	4.09	2.30	2.52	3.88	0.58	-1.50	-5.86	-1.59	-5.77	-0.62
6	3	1185	7.34	3.34	6.76	3.92	1.40	-0.39	-3.70	-0.49	-3.60	-0.57
6	3	1186	12.25	3.29	11.52	4.02	2.45	0.59	-1.90	0.48	-1.79	-0.51
6	3	1187	19.19	2.87	18.29	3.77	3.72	1.42	-0.62	1.31	-0.51	-0.46
6	3	1188	17.50	2.00	16.10	3.40	-4.45	1.68	-0.55	1.56	-0.43	-0.50
6	3	1189	12.82	1.52	11.39	2.95	-3.75	0.58	-2.31	0.44	-2.16	-0.64
6	3	1190	8.09	1.10	5.95	3.24	-3.22	-0.45	-4.02	-0.62	-3.85	-0.76
6	3	1191	5.39	-1.03	0.73	3.62	-2.87	-1.54	-5.83	-1.72	-5.65	-0.87
6	3	1192	4.84	-5.22	-4.45	4.07	-2.67	-2.65	-7.75	-2.84	-7.55	-0.97
6	3	1193	5.05	-10.36	-9.93	4.62	-2.55	-3.73	-9.76	-3.91	-9.58	-1.04
6	3	1194	5.40	-16.29	-16.04	5.15	-2.31	-4.32	-12.08	-4.46	-11.94	-1.04
6	3	1195	4.96	-22.35	-22.27	4.88	-1.51	-2.64	-17.62	-2.70	-17.56	-0.95
6	3	1196	3.26	-25.61	-25.60	3.25	-0.52	-23.13	-41.31	-23.14	-41.30	-0.46
6	3	1197	3.25	-25.85	-25.85	3.25	0.24	-23.19	-41.40	-23.20	-41.39	0.39
6	3	1198	4.93	-23.07	-23.02	4.88	1.21	-2.81	-17.87	-2.87	-17.82	0.89
6	3	1199	5.34	-17.49	-17.32	5.17	1.96	-4.62	-12.50	-4.74	-12.38	0.98
6	3	1200	4.92	-12.04	-11.77	4.65	2.13	-4.14	-10.34	-4.30	-10.18	0.98
6	3	1201	4.56	-7.34	-6.93	4.16	2.16	-3.18	-8.47	-3.34	-8.31	0.92
6	3	1202	4.49	-3.20	-2.47	3.76	2.25	-2.18	-6.69	-2.34	-6.53	0.83
6	3	1203	5.29	7.33e-02	1.90	3.46	2.49	-1.20	-4.99	-1.35	-4.85	0.73
6	3	1204	8.14	1.52	6.43	3.23	2.90	-0.26	-3.41	-0.39	-3.28	0.62
6	3	1205	12.50	1.78	11.21	3.06	3.48	0.64	-1.93	0.53	-1.82	0.51
6	3	1206	16.72	2.21	15.36	3.57	4.24	1.60	-0.41	1.51	-0.32	0.40
6	3	1207	19.01	0.33	17.52	1.82	-5.05	1.90	-1.07	1.15	-0.32	-1.29
6	3	1208	12.40	0.36	10.21	2.56	-4.65	1.34	-1.95	0.45	-1.06	-1.46
6	3	1209	8.30	-0.60	4.75	2.94	-4.36	0.65	-3.02	-0.32	-2.05	-1.62
6	3	1210	6.00	-2.96	-0.33	3.37	-4.08	-9.77e-02	-4.09	-1.13	-3.06	-1.75
6	3	1211	5.14	-6.64	-5.32	3.82	-3.71	-0.84	-5.05	-1.92	-3.97	-1.84
6	3	1212	4.89	-11.03	-10.37	4.24	-3.17	-1.50	-5.88	-2.67	-4.71	-1.94
6	3	1213	4.77	-15.93	-15.67	4.51	-2.32	-1.82	-6.65	-3.37	-5.10	-2.26
6	3	1214	4.68	-21.82	-21.75	4.61	-1.36	0.78	-6.71	-3.17	-2.76	-3.74
6	3	1215	4.68	-27.37	-27.36	4.67	-0.58	7.73	-1.39	-0.63	6.97	-2.52
6	3	1216	4.68	-27.60	-27.60	4.68	0.10	7.56	-1.36	-0.68	6.89	2.35
6	3	1217	4.67	-22.51	-22.49	4.64	0.87	0.42	-6.73	-3.32	-2.99	3.58
6	3	1218	4.71	-17.07	-16.92	4.56	1.80	-2.25	-6.84	-3.62	-5.47	2.10
6	3	1219	4.73	-12.57	-12.17	4.32	2.62	-2.02	-6.22	-3.02	-5.22	1.79
6	3	1220	4.74	-8.50	-7.72	3.96	3.13	-1.44	-5.53	-2.36	-4.61	1.71
6	3	1221	5.00	-4.83	-3.40	3.57	3.46	-0.78	-4.70	-1.66	-3.81	1.64
6	3	1222	5.95	-1.84	0.90	3.21	3.72	-8.57e-02	-3.72	-0.93	-2.88	1.54
6	3	1223	8.29	-4.98e-02	5.36	2.89	3.98	0.60	-2.68	-0.19	-1.89	1.40
6	3	1224	12.15	0.67	10.20	2.62	4.31	1.23	-1.66	0.51	-0.94	1.25
6	3	1225	18.19	0.61	16.78	2.01	4.77	1.75	-0.84	1.15	-0.24	1.09
6	3	1226	14.99	-0.16	12.38	2.45	-5.72	2.22	-0.83	1.13	0.26	-1.46
6	3	1227	11.80	-1.26	8.18	2.36	-5.85	2.00	-1.59	0.56	-0.15	-1.76
6	3	1228	8.88	-2.76	3.42	2.70	-5.81	1.79	-2.08	5.50e-02	-0.34	-1.93
6	3	1229	6.95	-5.09	-1.17	3.04	-5.64	1.57	-2.43	-0.41	-0.44	-2.00
6	3	1230	5.77	-8.03	-5.56	3.30	-5.30	1.36	-2.60	-0.83	-0.41	-1.97
6	3	1231	4.91	-11.22	-9.71	3.40	-4.69	1.19	-2.57	-1.22	-0.16	-1.80
6	3	1232	4.01	-14.33	-13.54	3.22	-3.72	1.27	-2.24	-1.54	0.57	-1.40
6	3	1233	2.89	-16.95	-16.67	2.60	-2.35	1.85	-1.33	-1.23	1.75	-0.56
6	3	1234	1.90	-18.48	-18.44	1.86	-0.96	2.66	-0.30	-0.30	2.65	-5.95e-02
6	3	1235	1.87	-18.68	-18.68	1.87	0.28	2.63	-0.34	-0.33	2.62	-0.17
6	3	1236	2.79	-17.53	-17.39	2.65	1.67	1.70	-1.37	-1.33	1.66	0.33
6	3	1237	3.79	-15.26	-14.77	3.30	3.02	0.95	-2.24	-1.71	0.42	1.18
6	3	1238	4.51	-12.44	-11.45	3.52	3.98	0.78	-2.60	-1.46	-0.36	1.60
6	3	1239	5.08	-9.46	-7.84	3.46	4.57	0.91	-2.70	-1.13	-0.65	1.79
6	3	1240	5.73	-6.53	-4.05	3.24	4.93	1.11	-2.61	-0.78	-0.72	1.86
6	3	1241	6.80	-3.92	-8.22e-02	2.96	5.14	1.33	-2.35	-0.37	-0.65	1.84
6	3	1242	8.67	-1.96	4.07	2.65	5.27	1.56	-1.96	8.08e-02	-0.48	1.74



6	3	1243	11.50	-0.76	8.39	2.35	5.34	1.78	-1.44	0.57	-0.23	1.56
6	3	1244	14.55	0.15	12.20	2.50	5.32	2.02	-0.70	1.11	0.22	1.29
6	3	1245	13.30	-0.47	10.90	1.92	-5.22	2.16	-0.72	0.80	0.63	-1.44
6	3	1246	9.50	-1.17	5.88	2.45	-5.05	2.56	-0.59	0.70	1.27	-1.55
6	3	1247	7.05	-2.71	1.65	2.70	-4.85	3.00	-0.48	0.60	1.91	-1.61
6	3	1248	5.49	-4.94	-2.35	2.90	-4.51	3.52	-0.32	0.54	2.67	-1.60
6	3	1249	4.48	-7.56	-6.08	2.99	-3.96	4.12	-8.89e-02	0.53	3.51	-1.49
6	3	1250	3.66	-10.17	-9.37	2.87	-3.21	4.73	0.19	0.56	4.35	-1.25
6	3	1251	2.79	-12.35	-11.99	2.43	-2.30	5.11	0.43	0.60	4.95	-0.86
6	3	1252	1.86	-13.80	-13.68	1.73	-1.39	4.98	0.46	0.50	4.94	-0.41
6	3	1253	1.17	-14.50	-14.47	1.15	-0.65	4.56	0.30	0.30	4.56	-0.16
6	3	1254	1.16	-14.70	-14.70	1.16	-3.97e-02	4.57	0.29	0.29	4.57	-7.63e-02
6	3	1255	1.82	-14.40	-14.37	1.79	0.70	4.99	0.44	0.45	4.98	0.18
6	3	1256	2.69	-13.32	-13.15	2.52	1.62	5.10	0.42	0.51	5.01	0.65
6	3	1257	3.44	-11.45	-11.00	2.99	2.55	4.71	0.18	0.44	4.44	1.06
6	3	1258	4.05	-9.09	-8.18	3.14	3.34	4.11	-8.82e-02	0.38	3.64	1.32
6	3	1259	4.69	-6.55	-4.94	3.08	3.94	3.52	-0.32	0.37	2.83	1.47
6	3	1260	5.60	-4.13	-1.41	2.89	4.37	3.02	-0.48	0.42	2.12	1.53
6	3	1261	7.13	-2.17	2.32	2.65	4.65	2.61	-0.57	0.52	1.52	1.51
6	3	1262	9.53	-0.88	6.26	2.40	4.83	2.29	-0.60	0.66	1.03	1.43
6	3	1263	13.24	-0.33	11.02	1.89	5.02	1.99	-0.65	0.80	0.54	1.32
6	3	1264	10.48	-0.96	7.37	2.14	-5.08	1.52	-0.35	0.61	0.55	-0.94
6	3	1265	8.33	-1.84	4.36	2.13	-4.96	1.80	-0.36	0.54	0.90	-1.06
6	3	1266	6.34	-3.03	1.13	2.19	-4.65	2.13	-0.25	0.47	1.42	-1.09
6	3	1267	4.74	-4.53	-1.95	2.16	-4.16	2.49	-0.10	0.43	1.96	-1.05
6	3	1268	3.49	-6.21	-4.74	2.02	-3.48	2.87	6.01e-02	0.43	2.50	-0.95
6	3	1269	2.47	-7.88	-7.13	1.72	-2.69	3.21	0.22	0.45	2.98	-0.80
6	3	1270	1.59	-9.31	-8.98	1.26	-1.86	3.46	0.32	0.46	3.32	-0.64
6	3	1271	0.87	-10.35	-10.23	0.76	-1.15	3.59	0.35	0.42	3.52	-0.47
6	3	1272	0.45	-10.96	-10.93	0.42	-0.60	3.63	0.33	0.34	3.62	-0.23
6	3	1273	0.43	-11.13	-11.13	0.43	-0.14	3.64	0.34	0.34	3.64	3.51e-02
6	3	1274	0.81	-10.86	-10.84	0.79	0.42	3.62	0.37	0.39	3.59	0.27
6	3	1275	1.44	-10.10	-9.99	1.32	1.15	3.51	0.35	0.42	3.44	0.47
6	3	1276	2.17	-8.91	-8.53	1.79	2.01	3.29	0.25	0.39	3.15	0.65
6	3	1277	2.96	-7.39	-6.52	2.10	2.86	2.97	9.48e-02	0.35	2.71	0.82
6	3	1278	3.87	-5.73	-4.09	2.24	3.60	2.62	-6.59e-02	0.34	2.21	0.96
6	3	1279	5.02	-4.11	-1.35	2.26	4.20	2.27	-0.21	0.36	1.70	1.05
6	3	1280	6.54	-2.72	1.61	2.21	4.62	1.96	-0.33	0.42	1.21	1.08
6	3	1281	8.47	-1.65	4.71	2.10	4.89	1.69	-0.40	0.52	0.77	1.03
6	3	1282	10.55	-0.84	7.60	2.11	4.99	1.46	-0.34	0.62	0.50	0.90
6	3	1283	8.18	-0.82	5.63	1.73	-4.06	1.24	-8.90e-02	0.52	0.63	-0.66
6	3	1284	6.13	-1.35	2.84	1.93	-3.71	1.61	8.48e-02	0.54	1.16	-0.70
6	3	1285	4.49	-2.29	0.34	1.86	-3.30	1.95	0.18	0.53	1.60	-0.70
6	3	1286	3.22	-3.51	-1.99	1.70	-2.82	2.28	0.27	0.52	2.02	-0.67
6	3	1287	2.26	-4.87	-4.06	1.45	-2.26	2.57	0.34	0.52	2.39	-0.61
6	3	1288	1.51	-6.20	-5.81	1.12	-1.69	2.83	0.40	0.52	2.71	-0.53
6	3	1289	0.90	-7.35	-7.18	0.74	-1.17	3.06	0.46	0.53	2.98	-0.43
6	3	1290	0.44	-8.22	-8.16	0.38	-0.74	3.26	0.51	0.55	3.23	-0.31
6	3	1291	0.18	-8.75	-8.73	0.16	-0.43	3.41	0.56	0.56	3.40	-0.16
6	3	1292	0.18	-8.91	-8.91	0.17	-0.17	3.44	0.56	0.56	3.44	1.16e-02
6	3	1293	0.41	-8.68	-8.68	0.40	0.15	3.34	0.53	0.54	3.33	0.17
6	3	1294	0.81	-8.09	-8.05	0.77	0.59	3.19	0.49	0.53	3.16	0.30
6	3	1295	1.32	-7.16	-7.00	1.16	1.15	3.02	0.45	0.52	2.95	0.42
6	3	1296	1.90	-5.98	-5.56	1.49	1.77	2.82	0.39	0.52	2.70	0.53
6	3	1297	2.60	-4.65	-3.76	1.71	2.38	2.56	0.33	0.51	2.37	0.62
6	3	1298	3.52	-3.32	-1.66	1.86	2.93	2.26	0.25	0.52	1.99	0.68
6	3	1299	4.75	-2.17	0.65	1.93	3.40	1.92	0.17	0.52	1.57	0.71
6	3	1300	6.36	-1.29	3.13	1.95	3.78	1.59	7.62e-02	0.54	1.13	0.70
6	3	1301	8.41	-0.80	5.90	1.71	4.10	1.22	-8.79e-02	0.53	0.61	0.66
6	3	1302	6.43	-0.88	4.00	1.55	-3.45	0.63	-7.83e-02	0.28	0.27	-0.35
6	3	1303	4.88	-1.33	2.11	1.44	-3.09	0.79	-4.49e-02	0.29	0.45	-0.41
6	3	1304	3.45	-1.92	0.24	1.29	-2.63	0.98	7.00e-03	0.27	0.71	-0.43
6	3	1305	2.28	-2.70	-1.50	1.08	-2.13	1.16	4.97e-02	0.25	0.96	-0.43
6	3	1306	1.43	-3.64	-3.04	0.83	-1.64	1.34	9.19e-02	0.24	1.19	-0.40
6	3	1307	0.81	-4.61	-4.34	0.54	-1.19	1.49	0.13	0.23	1.39	-0.35
6	3	1308	0.36	-5.46	-5.35	0.24	-0.81	1.62	0.17	0.23	1.56	-0.27
6	3	1309	2.98e-02	-6.11	-6.06	-1.78e-02	-0.54	1.72	0.21	0.24	1.70	-0.19
6	3	1310	-0.15	-6.50	-6.48	-0.17	-0.35	1.79	0.24	0.24	1.78	-9.67e-02
6	3	1311	-0.16	-6.63	-6.62	-0.17	-0.18	1.80	0.24	0.24	1.80	-2.67e-03
6	3	1312	-1.04e-02	-6.48	-6.48	-1.05e-02	1.78e-02	1.77	0.23	0.23	1.77	9.40e-02
6	3	1313	0.26	-6.05	-6.04	0.25	0.31	1.71	0.20	0.22	1.68	0.19
6	3	1314	0.62	-5.37	-5.28	0.54	0.71	1.61	0.17	0.22	1.55	0.28
6	3	1315	1.07	-4.49	-4.23	0.81	1.19	1.48	0.13	0.23	1.38	0.35
6	3	1316	1.68	-3.54	-2.88	1.03	1.73	1.33	8.84e-02	0.23	1.18	0.40
6	3	1317	2.55	-2.64	-1.30	1.21	2.27	1.16	4.56e-02	0.25	0.95	0.43
6	3	1318	3.73	-1.91	0.46	1.36	2.78	0.97	3.21e-03	0.27	0.70	0.43
6	3	1319	5.17	-1.36	2.33	1.47	3.24	0.79	-4.66e-02	0.30	0.44	0.41



6	3	1320	6.70	-0.92	4.21	1.56	3.57	0.63	-7.40e-02	0.29	0.27	0.35
6	3	1321	4.85	-0.87	2.88	1.11	-2.72	0.53	0.10	0.29	0.34	-0.21
6	3	1322	3.44	-1.05	1.35	1.05	-2.24	0.70	0.11	0.28	0.54	-0.26
6	3	1323	2.18	-1.39	-7.85e-02	0.86	-1.72	0.78	7.87e-02	0.23	0.63	-0.29
6	3	1324	1.26	-1.97	-1.38	0.67	-1.25	0.86	6.66e-02	0.19	0.73	-0.29
6	3	1325	0.69	-2.73	-2.51	0.46	-0.85	0.93	7.17e-02	0.17	0.83	-0.27
6	3	1326	0.33	-3.51	-3.44	0.25	-0.53	0.99	8.72e-02	0.16	0.92	-0.24
6	3	1327	7.42e-02	-4.18	-4.16	4.95e-02	-0.32	1.04	0.11	0.15	1.00	-0.19
6	3	1328	-0.10	-4.68	-4.67	-0.11	-0.22	1.07	0.12	0.14	1.05	-0.13
6	3	1329	-0.20	-4.98	-4.97	-0.21	-0.18	1.09	0.13	0.14	1.09	-6.77e-02
6	3	1330	-0.20	-5.09	-5.08	-0.21	-0.18	1.10	0.14	0.14	1.10	-1.77e-03
6	3	1331	-0.11	-5.00	-5.00	-0.12	-0.14	1.10	0.13	0.14	1.09	6.55e-02
6	3	1332	4.02e-02	-4.70	-4.70	4.00e-02	-3.04e-02	1.08	0.12	0.14	1.06	0.13
6	3	1333	0.24	-4.18	-4.18	0.23	0.18	1.05	0.11	0.15	1.01	0.19
6	3	1334	0.48	-3.49	-3.43	0.42	0.50	1.00	8.69e-02	0.16	0.93	0.24
6	3	1335	0.84	-2.70	-2.45	0.60	0.89	0.94	7.31e-02	0.17	0.84	0.28
6	3	1336	1.44	-1.96	-1.29	0.76	1.36	0.87	7.03e-02	0.20	0.74	0.29
6	3	1337	2.40	-1.43	4.63e-02	0.92	1.86	0.79	8.42e-02	0.23	0.65	0.29
6	3	1338	3.69	-1.11	1.50	1.08	2.39	0.71	0.12	0.28	0.55	0.26
6	3	1339	5.13	-0.93	3.06	1.14	2.87	0.53	0.11	0.30	0.34	0.21
6	3	1340	4.08	-0.89	2.48	0.72	-2.32	0.16	-9.47e-02	3.09e-02	3.66e-02	-0.13
6	3	1341	2.53	-0.94	1.18	0.41	-1.69	0.27	-8.92e-02	8.79e-02	9.19e-02	-0.18
6	3	1342	1.31	-1.03	-9.28e-03	0.29	-1.16	0.37	-6.22e-02	8.92e-02	0.22	-0.21
6	3	1343	0.52	-1.37	-1.04	0.19	-0.72	0.46	-3.66e-02	8.49e-02	0.34	-0.21
6	3	1344	0.16	-1.95	-1.88	8.71e-02	-0.39	0.54	-6.97e-03	8.45e-02	0.44	-0.20
6	3	1345	4.31e-04	-2.55	-2.54	-1.07e-02	-0.17	0.60	2.41e-02	8.68e-02	0.53	-0.18
6	3	1346	-9.99e-02	-3.04	-3.04	-0.10	-5.55e-02	0.64	5.25e-02	8.98e-02	0.61	-0.14
6	3	1347	-0.17	-3.38	-3.38	-0.17	-3.82e-02	0.68	7.49e-02	9.22e-02	0.66	-0.10
6	3	1348	-0.21	-3.59	-3.59	-0.21	-8.83e-02	0.69	8.90e-02	9.35e-02	0.69	-5.18e-02
6	3	1349	-0.21	-3.68	-3.67	-0.21	-0.16	0.70	9.37e-02	9.37e-02	0.70	-2.05e-04
6	3	1350	-0.16	-3.65	-3.63	-0.18	-0.21	0.69	8.83e-02	9.27e-02	0.69	5.14e-02
6	3	1351	-9.53e-02	-3.47	-3.46	-0.11	-0.20	0.67	7.29e-02	9.02e-02	0.65	0.10
6	3	1352	-2.09e-02	-3.13	-3.12	-2.40e-02	-9.84e-02	0.64	4.88e-02	8.65e-02	0.60	0.14
6	3	1353	6.71e-02	-2.62	-2.61	6.32e-02	0.10	0.59	1.87e-02	8.27e-02	0.52	0.18
6	3	1354	0.22	-1.99	-1.92	0.15	0.40	0.53	-1.34e-02	8.06e-02	0.43	0.20
6	3	1355	0.61	-1.41	-1.03	0.23	0.79	0.45	-4.35e-02	8.17e-02	0.33	0.22
6	3	1356	1.46	-1.09	4.67e-02	0.32	1.27	0.37	-6.89e-02	8.69e-02	0.21	0.21
6	3	1357	2.73	-1.01	1.29	0.43	1.82	0.26	-9.44e-02	8.68e-02	8.30e-02	0.18
6	3	1358	4.33	-0.96	2.63	0.75	2.47	0.16	-9.30e-02	3.22e-02	3.46e-02	0.13
6	3	1359	2.32	-0.56	1.90	-0.14	-1.01	0.14	1.52e-02	2.74e-02	0.13	-3.70e-02
6	3	1360	0.95	-0.32	0.71	-7.81e-02	-0.50	0.43	0.11	0.12	0.42	-6.08e-02
6	3	1361	-1.83e-02	-0.39	-0.32	-9.39e-02	-0.15	0.62	0.15	0.17	0.60	-9.64e-02
6	3	1362	-9.31e-02	-1.09	-1.08	-9.98e-02	8.10e-02	0.77	0.18	0.20	0.75	-0.12
6	3	1363	-6.91e-02	-1.66	-1.62	-0.10	0.22	0.89	0.20	0.23	0.87	-0.12
6	3	1364	-6.03e-02	-2.04	-2.00	-0.10	0.28	0.99	0.23	0.25	0.97	-0.11
6	3	1365	-6.91e-02	-2.27	-2.24	-9.90e-02	0.25	1.06	0.25	0.26	1.05	-9.23e-02
6	3	1366	-8.61e-02	-2.40	-2.39	-9.77e-02	0.16	1.11	0.27	0.27	1.10	-6.63e-02
6	3	1367	-9.65e-02	-2.49	-2.49	-9.67e-02	2.54e-02	1.14	0.28	0.28	1.13	-3.54e-02
6	3	1368	-8.97e-02	-2.55	-2.55	-9.65e-02	-0.13	1.14	0.28	0.28	1.14	-2.02e-03
6	3	1369	-6.81e-02	-2.60	-2.57	-9.71e-02	-0.27	1.13	0.28	0.28	1.13	3.15e-02
6	3	1370	-4.45e-02	-2.60	-2.54	-9.81e-02	-0.37	1.09	0.26	0.27	1.09	6.28e-02
6	3	1371	-3.22e-02	-2.49	-2.43	-9.91e-02	-0.40	1.04	0.25	0.26	1.03	8.97e-02
6	3	1372	-3.82e-02	-2.25	-2.18	-9.96e-02	-0.36	0.96	0.22	0.24	0.94	0.11
6	3	1373	-6.19e-02	-1.82	-1.78	-9.91e-02	-0.25	0.86	0.19	0.22	0.84	0.12
6	3	1374	-9.26e-02	-1.18	-1.18	-9.71e-02	-7.02e-02	0.74	0.16	0.19	0.71	0.12
6	3	1375	1.34e-02	-0.44	-0.34	-9.02e-02	0.19	0.59	0.13	0.16	0.56	9.83e-02
6	3	1376	1.05	-0.35	0.77	-7.25e-02	0.56	0.40	9.77e-02	0.11	0.39	6.42e-02
6	3	1377	2.50	-0.59	2.05	-0.14	1.09	0.12	1.12e-04	1.94e-02	9.97e-02	4.38e-02
6	3	1689	20.57	4.04	5.07	19.54	-3.98	2.85e-02	-9.38e-02	2.27e-02	-8.80e-02	2.60e-02
6	3	1690	20.25	4.88	5.99	19.14	-3.97	0.29	-0.26	-2.14e-03	2.35e-02	0.27
6	3	1691	15.75	4.55	5.42	14.88	-2.99	-4.76e-02	-0.51	-8.76e-02	-0.47	0.13
6	3	1692	16.71	3.55	4.75	15.50	-3.80	0.27	-0.26	-7.30e-03	1.80e-02	0.26
6	3	1693	12.58	4.18	4.92	11.84	-2.38	-8.82e-02	-0.75	-0.16	-0.69	0.20
6	3	1694	13.60	2.76	3.85	12.51	-3.26	0.28	-0.27	-2.54e-03	5.94e-03	0.28
6	3	1695	10.12	3.67	4.27	9.52	-1.87	-0.15	-0.93	-0.23	-0.85	0.24
6	3	1696	11.06	2.23	3.13	10.16	-2.67	0.29	-0.29	-7.77e-04	2.83e-03	0.29
6	3	1697	8.14	3.17	3.62	7.70	-1.42	-0.22	-1.07	-0.30	-0.99	0.25
6	3	1698	8.97	1.85	2.55	8.27	-2.12	0.30	-0.29	-5.76e-04	2.38e-03	0.29
6	3	1699	6.55	2.72	3.02	6.25	-1.03	-0.28	-1.18	-0.36	-1.10	0.25
6	3	1700	7.26	1.57	2.09	6.75	-1.63	0.28	-0.28	-7.32e-04	2.36e-03	0.28
6	3	1701	5.29	2.31	2.48	5.12	-0.70	-0.35	-1.25	-0.41	-1.19	0.23
6	3	1702	5.88	1.36	1.71	5.53	-1.21	0.25	-0.25	-9.19e-04	2.35e-03	0.25
6	3	1703	4.33	1.94	2.03	4.25	-0.45	-0.40	-1.30	-0.45	-1.26	0.20
6	3	1704	4.80	1.21	1.42	4.58	-0.86	0.21	-0.21	-1.07e-03	2.29e-03	0.21
6	3	1705	3.65	1.62	1.65	3.62	-0.25	-0.45	-1.33	-0.48	-1.30	0.15
6	3	1706	3.99	1.09	1.21	3.87	-0.57	0.16	-0.16	-1.19e-03	2.20e-03	0.16
6	3	1707	3.20	1.34	1.35	3.20	-0.12	-0.48	-1.33	-0.49	-1.32	0.10



6	3	1708	3.43	1.01	1.06	3.38	-0.35	9.93e-02	-9.85e-02	-1.26e-03	2.09e-03	9.89e-02
6	3	1709	2.97	1.12	1.12	2.97	-3.47e-02	-0.50	-1.31	-0.50	-1.31	4.13e-02
6	3	1710	3.11	0.96	0.97	3.09	-0.18	3.23e-02	-3.16e-02	-1.31e-03	1.99e-03	3.19e-02
6	3	1711	2.94	0.97	0.97	2.94	-5.55e-04	-0.50	-1.28	-0.50	-1.28	-2.24e-02
6	3	1712	3.01	0.94	0.94	3.01	-6.65e-02	3.96e-02	-3.91e-02	-1.32e-03	1.90e-03	-3.93e-02
6	3	1713	3.09	0.90	0.90	3.09	-6.97e-03	-0.47	-1.24	-0.48	-1.23	-8.88e-02
6	3	1714	3.11	0.98	0.98	3.11	1.05e-02	0.11	-0.11	-1.30e-03	1.81e-03	-0.11
6	3	1715	3.43	0.90	0.90	3.43	-4.69e-02	-0.43	-1.19	-0.46	-1.16	-0.16
6	3	1716	3.42	1.07	1.07	3.42	5.55e-02	0.19	-0.19	-1.23e-03	1.73e-03	-0.19
6	3	1717	3.97	0.98	0.98	3.97	-0.11	-0.36	-1.13	-0.43	-1.06	-0.22
6	3	1718	3.93	1.22	1.23	3.93	7.66e-02	0.26	-0.26	-1.16e-03	1.70e-03	-0.26
6	3	1719	4.74	1.12	1.13	4.73	-0.20	-0.27	-1.06	-0.39	-0.95	-0.28
6	3	1720	4.67	1.45	1.45	4.67	7.96e-02	0.33	-0.33	-1.28e-03	2.06e-03	-0.33
6	3	1721	5.79	1.30	1.32	5.77	-0.29	-0.17	-0.98	-0.34	-0.81	-0.33
6	3	1722	5.69	1.77	1.77	5.69	6.21e-02	0.40	-0.39	-2.42e-03	4.95e-03	-0.39
6	3	1723	7.23	1.47	1.49	7.21	-0.34	-5.77e-02	-0.86	-0.29	-0.62	-0.36
6	3	1724	7.09	2.18	2.18	7.09	-1.06e-02	0.48	-0.47	-5.29e-03	1.82e-02	-0.48
6	3	1725	9.46	1.24	1.25	9.45	-0.28	0.14	-0.62	-0.21	-0.27	-0.38
6	3	1726	8.88	2.75	2.76	8.87	-0.27	0.61	-0.56	8.69e-03	3.93e-02	-0.59
6	3	1727	19.04	3.57	6.37	16.24	-5.96	0.46	7.80e-03	0.35	0.11	-0.19
6	3	1728	15.34	4.03	5.73	13.64	-4.04	0.24	-7.36e-02	0.21	-4.59e-02	-8.91e-02
6	3	1729	12.22	4.07	5.25	11.05	-2.86	4.67e-02	-0.35	4.66e-02	-0.35	-6.93e-03
6	3	1730	9.73	3.82	4.63	8.92	-2.04	-0.10	-0.65	-0.11	-0.65	5.32e-02
6	3	1731	7.74	3.42	3.96	7.21	-1.42	-0.24	-0.93	-0.25	-0.92	9.45e-02
6	3	1732	6.16	2.97	3.28	5.86	-0.94	-0.35	-1.16	-0.37	-1.14	0.12
6	3	1733	4.95	2.50	2.63	4.82	-0.56	-0.45	-1.34	-0.47	-1.32	0.13
6	3	1734	4.07	2.01	2.05	4.03	-0.28	-0.52	-1.47	-0.54	-1.45	0.13
6	3	1735	3.48	1.53	1.54	3.47	-8.47e-02	-0.58	-1.54	-0.60	-1.53	0.12
6	3	1736	3.13	1.11	1.11	3.13	4.74e-02	-0.62	-1.57	-0.63	-1.56	9.75e-02
6	3	1737	2.97	0.75	0.76	2.96	0.12	-0.64	-1.55	-0.65	-1.54	6.87e-02
6	3	1738	2.99	0.49	0.50	2.98	0.15	-0.64	-1.48	-0.64	-1.48	3.43e-02
6	3	1739	3.19	0.31	0.32	3.18	0.15	-0.61	-1.37	-0.61	-1.37	-3.82e-03
6	3	1740	3.56	0.21	0.22	3.55	0.12	-0.56	-1.22	-0.57	-1.22	-4.35e-02
6	3	1741	4.11	0.19	0.19	4.11	9.24e-02	-0.49	-1.04	-0.50	-1.03	-8.24e-02
6	3	1742	4.87	0.22	0.22	4.87	7.53e-02	-0.38	-0.84	-0.42	-0.80	-0.12
6	3	1743	5.87	0.30	0.30	5.87	0.11	-0.24	-0.62	-0.32	-0.55	-0.15
6	3	1744	7.13	0.40	0.41	7.11	0.30	-7.97e-02	-0.42	-0.21	-0.28	-0.16
6	3	1745	8.53	0.74	0.83	8.44	0.84	3.14e-02	-0.32	-0.15	-0.14	-0.18
6	3	1746	8.07	-0.17	8.15e-02	7.81	1.43	-0.18	-0.23	-0.18	-0.23	8.49e-04
6	3	1747	6.76	-6.89e-02	4.39e-02	6.65	0.87	-0.29	-0.53	-0.29	-0.53	1.98e-03
6	3	1748	5.68	-0.17	-0.12	5.63	0.57	-0.39	-0.73	-0.39	-0.73	1.47e-02
6	3	1749	4.79	-0.26	-0.22	4.75	0.42	-0.47	-0.91	-0.48	-0.91	3.05e-02
6	3	1750	4.08	-0.29	-0.26	4.05	0.37	-0.54	-1.08	-0.55	-1.08	4.77e-02
6	3	1751	3.55	-0.25	-0.21	3.51	0.36	-0.59	-1.23	-0.60	-1.22	6.52e-02
6	3	1752	3.18	-0.11	-7.31e-02	3.14	0.37	-0.63	-1.34	-0.63	-1.33	8.15e-02
6	3	1753	2.97	0.11	0.16	2.92	0.36	-0.64	-1.43	-0.65	-1.42	9.48e-02
6	3	1754	2.91	0.45	0.50	2.87	0.33	-0.64	-1.49	-0.65	-1.48	0.10
6	3	1755	3.01	0.90	0.93	2.98	0.26	-0.62	-1.51	-0.63	-1.50	0.10
6	3	1756	3.27	1.47	1.48	3.26	0.12	-0.58	-1.50	-0.59	-1.49	9.81e-02
6	3	1757	3.73	2.11	2.12	3.73	-8.83e-02	-0.52	-1.46	-0.53	-1.45	8.11e-02
6	3	1758	4.50	2.75	2.85	4.41	-0.40	-0.45	-1.38	-0.45	-1.37	5.25e-02
6	3	1759	5.67	3.31	3.66	5.32	-0.84	-0.36	-1.26	-0.36	-1.26	1.15e-02
6	3	1760	7.26	3.77	4.52	6.51	-1.43	-0.24	-1.11	-0.24	-1.11	-4.23e-02
6	3	1761	9.28	4.11	5.40	7.99	-2.24	-9.59e-02	-0.94	-0.11	-0.92	-0.11
6	3	1762	11.80	4.25	6.24	9.81	-3.33	8.56e-02	-0.75	4.12e-02	-0.70	-0.19
6	3	1763	14.84	4.05	7.01	11.89	-4.81	0.30	-0.54	0.20	-0.44	-0.27
6	3	1764	18.48	3.26	7.58	14.15	-6.86	0.59	-0.26	0.38	-4.77e-02	-0.36
6	3	1765	7.52	-0.29	0.22	7.02	1.92	4.33e-02	-0.18	-0.12	-1.62e-02	9.95e-02
6	3	1766	6.56	-0.79	-0.52	6.29	1.38	1.83e-02	-0.24	-0.17	-4.67e-02	0.11
6	3	1767	5.62	-0.98	-0.83	5.46	1.01	-8.05e-02	-0.33	-0.24	-0.17	0.12
6	3	1768	4.81	-1.09	-0.98	4.71	0.79	-0.17	-0.43	-0.31	-0.29	0.13
6	3	1769	4.15	-1.12	-1.04	4.07	0.66	-0.24	-0.52	-0.36	-0.40	0.14
6	3	1770	3.63	-1.05	-0.98	3.56	0.58	-0.30	-0.60	-0.40	-0.50	0.14
6	3	1771	3.26	-0.88	-0.82	3.19	0.52	-0.34	-0.67	-0.42	-0.59	0.15
6	3	1772	3.02	-0.60	-0.54	2.96	0.47	-0.36	-0.73	-0.43	-0.66	0.15
6	3	1773	2.93	-0.19	-0.14	2.87	0.40	-0.36	-0.77	-0.41	-0.71	0.14
6	3	1774	2.96	0.35	0.38	2.93	0.29	-0.35	-0.78	-0.39	-0.74	0.13
6	3	1775	3.15	1.01	1.02	3.14	0.13	-0.32	-0.78	-0.34	-0.76	0.10
6	3	1776	3.52	1.78	1.79	3.52	-0.11	-0.27	-0.77	-0.28	-0.76	6.82e-02
6	3	1777	4.21	2.54	2.67	4.08	-0.45	-0.20	-0.73	-0.20	-0.73	2.13e-02
6	3	1778	5.36	3.14	3.66	4.84	-0.94	-0.11	-0.69	-0.11	-0.68	-3.94e-02
6	3	1779	6.98	3.59	4.74	5.82	-1.61	2.07e-02	-0.63	-2.45e-04	-0.61	-0.12
6	3	1780	9.05	3.89	5.89	7.05	-2.51	0.19	-0.57	0.13	-0.51	-0.21
6	3	1781	11.60	3.99	7.09	8.50	-3.74	0.40	-0.49	0.27	-0.36	-0.32
6	3	1782	14.68	3.82	8.36	10.13	-5.36	0.68	-0.40	0.45	-0.16	-0.44
6	3	1783	18.15	3.35	9.90	11.60	-7.35	0.97	-0.38	0.61	-2.34e-02	-0.60
6	3	1784	18.25	3.24	11.76	9.73	-7.43	1.31	-0.20	0.83	0.27	-0.70



6	3	1785	14.47	3.72	9.97	8.22	-5.30	0.96	-0.31	0.67	-1.38e-02	-0.53
6	3	1786	11.34	3.87	8.21	7.00	-3.68	0.70	-0.29	0.52	-0.11	-0.38
6	3	1787	8.72	3.79	6.60	5.90	-2.44	0.46	-0.28	0.37	-0.19	-0.24
6	3	1788	6.57	3.53	5.15	4.96	-1.52	0.27	-0.28	0.23	-0.24	-0.14
6	3	1789	4.87	3.16	3.84	4.19	-0.84	0.11	-0.29	0.11	-0.28	-4.82e-02
6	3	1790	3.71	2.56	2.67	3.59	-0.35	-8.04e-04	-0.32	-2.22e-03	-0.32	2.12e-02
6	3	1791	3.15	1.66	1.66	3.15	-3.44e-03	-7.79e-02	-0.37	-9.89e-02	-0.35	7.50e-02
6	3	1792	2.89	0.77	0.80	2.87	0.24	-0.13	-0.42	-0.18	-0.37	0.12
6	3	1793	2.78	2.77e-02	8.93e-02	2.72	0.41	-0.16	-0.48	-0.25	-0.38	0.14
6	3	1794	2.79	-0.56	-0.48	2.70	0.53	-0.18	-0.52	-0.30	-0.39	0.16
6	3	1795	2.91	-1.00	-0.90	2.81	0.62	-0.19	-0.55	-0.34	-0.40	0.18
6	3	1796	3.15	-1.30	-1.19	3.04	0.70	-0.19	-0.56	-0.36	-0.39	0.18
6	3	1797	3.52	-1.48	-1.35	3.39	0.80	-0.19	-0.56	-0.37	-0.38	0.18
6	3	1798	4.01	-1.54	-1.38	3.85	0.93	-0.17	-0.54	-0.35	-0.36	0.18
6	3	1799	4.63	-1.50	-1.29	4.42	1.11	-0.15	-0.50	-0.33	-0.33	0.18
6	3	1800	5.36	-1.36	-1.07	5.07	1.38	-0.12	-0.46	-0.28	-0.29	0.17
6	3	1801	6.20	-1.15	-0.71	5.76	1.75	-7.09e-02	-0.40	-0.23	-0.24	0.16
6	3	1802	7.19	-1.02	-0.36	6.53	2.24	2.29e-02	-0.30	-0.17	-0.11	0.16
6	3	1803	18.61	2.58	14.11	7.07	-7.20	1.80	0.11	1.34	0.56	-0.75
6	3	1804	14.77	2.98	11.26	6.49	-5.39	1.58	0.44	1.20	0.81	-0.54
6	3	1805	11.46	3.09	8.88	5.67	-3.86	1.31	0.55	1.01	0.85	-0.37
6	3	1806	8.72	3.04	6.84	4.91	-2.67	1.09	0.63	0.85	0.87	-0.23
6	3	1807	6.48	2.84	5.07	4.25	-1.77	0.94	0.64	0.70	0.88	-0.12
6	3	1808	4.72	2.51	3.53	3.70	-1.10	0.88	0.55	0.56	0.88	-3.90e-02
6	3	1809	3.53	1.93	2.21	3.26	-0.60	0.86	0.43	0.43	0.86	2.52e-02
6	3	1810	2.97	1.05	1.08	2.95	-0.24	0.84	0.30	0.31	0.83	7.37e-02
6	3	1811	2.74	0.13	0.13	2.74	3.31e-02	0.81	0.19	0.21	0.79	0.11
6	3	1812	2.67	-0.65	-0.63	2.65	0.24	0.76	8.94e-02	0.12	0.74	0.13
6	3	1813	2.71	-1.27	-1.23	2.67	0.40	0.71	5.78e-03	4.00e-02	0.68	0.15
6	3	1814	2.86	-1.74	-1.67	2.80	0.54	0.66	-6.17e-02	-2.29e-02	0.62	0.16
6	3	1815	3.11	-2.05	-1.96	3.02	0.68	0.60	-0.11	-7.07e-02	0.56	0.17
6	3	1816	3.47	-2.22	-2.09	3.35	0.84	0.54	-0.15	-0.10	0.50	0.17
6	3	1817	3.94	-2.26	-2.09	3.77	1.02	0.49	-0.17	-0.12	0.44	0.17
6	3	1818	4.51	-2.19	-1.94	4.27	1.26	0.44	-0.17	-0.12	0.39	0.16
6	3	1819	5.19	-2.01	-1.65	4.83	1.57	0.39	-0.16	-0.10	0.34	0.16
6	3	1820	5.96	-1.72	-1.18	5.41	1.97	0.36	-0.14	-7.97e-02	0.30	0.16
6	3	1821	6.76	-1.21	-0.37	5.92	2.45	0.25	-0.14	-7.37e-02	0.18	0.15
6	3	1822	18.75	2.51	15.49	5.77	-6.51	1.81	0.57	1.47	0.91	-0.55
6	3	1823	14.73	2.46	12.35	4.84	-4.85	1.63	0.71	1.41	0.93	-0.39
6	3	1824	11.40	2.51	9.60	4.31	-3.57	1.45	0.90	1.26	1.09	-0.26
6	3	1825	8.62	2.47	7.24	3.84	-2.56	1.29	0.97	1.08	1.18	-0.16
6	3	1826	6.33	2.32	5.24	3.41	-1.78	1.23	0.89	0.91	1.21	-7.65e-02
6	3	1827	4.50	2.08	3.53	3.05	-1.19	1.19	0.73	0.74	1.19	-1.66e-02
6	3	1828	3.23	1.62	2.09	2.75	-0.73	1.14	0.58	0.58	1.14	2.75e-02
6	3	1829	2.62	0.80	0.89	2.53	-0.39	1.07	0.42	0.43	1.07	5.91e-02
6	3	1830	2.41	-0.10	-9.66e-02	2.40	-0.12	0.98	0.29	0.30	0.97	8.11e-02
6	3	1831	2.36	-0.89	-0.89	2.36	9.69e-02	0.88	0.17	0.18	0.87	9.57e-02
6	3	1832	2.43	-1.52	-1.49	2.41	0.28	0.77	6.11e-02	7.69e-02	0.76	0.10
6	3	1833	2.58	-1.97	-1.93	2.54	0.46	0.66	-2.68e-02	-8.86e-03	0.64	0.11
6	3	1834	2.84	-2.28	-2.20	2.75	0.64	0.55	-9.75e-02	-7.77e-02	0.53	0.11
6	3	1835	3.18	-2.44	-2.31	3.05	0.84	0.43	-0.15	-0.13	0.41	0.11
6	3	1836	3.63	-2.46	-2.27	3.43	1.08	0.33	-0.19	-0.16	0.30	0.11
6	3	1837	4.17	-2.37	-2.07	3.87	1.36	0.23	-0.21	-0.18	0.20	0.11
6	3	1838	4.81	-2.16	-1.72	4.37	1.70	0.13	-0.21	-0.18	0.10	0.10
6	3	1839	5.54	-1.86	-1.22	4.89	2.09	5.31e-02	-0.21	-0.16	7.95e-03	9.89e-02
6	3	1840	6.39	-1.57	-0.64	5.47	2.55	4.10e-02	-0.21	-0.16	-8.01e-03	9.98e-02
6	3	1841	18.72	1.05	16.22	3.55	-6.16	2.13	1.35	2.07	1.40	-0.20
6	3	1842	14.71	1.48	12.56	3.64	-4.89	2.18	1.87	1.97	2.08	-0.15
6	3	1843	11.29	1.54	9.44	3.39	-3.82	2.31	1.73	1.75	2.30	-0.11
6	3	1844	8.49	1.51	6.87	3.13	-2.95	2.40	1.53	1.53	2.40	-6.92e-02
6	3	1845	6.23	1.38	4.72	2.89	-2.24	2.41	1.33	1.33	2.41	-4.18e-02
6	3	1846	4.47	1.12	2.92	2.66	-1.67	2.36	1.13	1.13	2.36	-2.18e-02
6	3	1847	3.27	0.63	1.42	2.48	-1.21	2.26	0.94	0.94	2.25	-7.69e-03
6	3	1848	2.63	-0.10	0.18	2.34	-0.84	2.12	0.77	0.77	2.12	1.83e-03
6	3	1849	2.35	-0.91	-0.82	2.27	-0.53	1.96	0.61	0.61	1.96	7.84e-03
6	3	1850	2.27	-1.63	-1.61	2.26	-0.26	1.79	0.47	0.47	1.79	1.12e-02
6	3	1851	2.32	-2.20	-2.20	2.32	-1.76e-02	1.62	0.34	0.34	1.62	1.27e-02
6	3	1852	2.45	-2.62	-2.61	2.44	0.22	1.44	0.23	0.23	1.44	1.28e-02
6	3	1853	2.68	-2.88	-2.84	2.65	0.45	1.26	0.14	0.14	1.26	1.21e-02
6	3	1854	3.00	-3.00	-2.91	2.92	0.71	1.09	7.23e-02	7.24e-02	1.09	1.09e-02
6	3	1855	3.41	-2.98	-2.82	3.25	1.00	0.93	2.04e-02	2.05e-02	0.93	9.59e-03
6	3	1856	3.91	-2.84	-2.57	3.64	1.33	0.77	-1.33e-02	-1.32e-02	0.77	8.26e-03
6	3	1857	4.51	-2.59	-2.16	4.08	1.70	0.62	-2.94e-02	-2.94e-02	0.62	6.92e-03
6	3	1858	5.21	-2.24	-1.58	4.54	2.12	0.48	-3.11e-02	-3.10e-02	0.48	4.77e-03
6	3	1859	5.96	-1.73	-0.73	4.96	2.58	0.27	-5.03e-02	-5.03e-02	0.27	-3.67e-03
6	3	1860	18.33	0.99	16.29	3.03	-5.58	1.70	1.04	1.65	1.08	0.17
6	3	1861	14.51	0.68	12.67	2.51	-4.69	1.65	1.16	1.62	1.20	0.12



6	3	1862	11.30	0.68	9.60	2.38	-3.90	1.53	1.38	1.47	1.44	7.51e-02
6	3	1863	8.61	0.64	6.99	2.27	-3.21	1.58	1.28	1.28	1.57	3.34e-02
6	3	1864	6.40	0.54	4.79	2.14	-2.61	1.62	1.09	1.09	1.62	-6.73e-05
6	3	1865	4.64	0.34	2.96	2.02	-2.10	1.60	0.90	0.90	1.60	-2.62e-02
6	3	1866	3.34	2.74e-03	1.42	1.92	-1.65	1.54	0.72	0.72	1.54	-4.65e-02
6	3	1867	2.53	-0.51	0.16	1.85	-1.27	1.45	0.56	0.56	1.44	-6.22e-02
6	3	1868	2.12	-1.14	-0.86	1.83	-0.93	1.33	0.41	0.41	1.32	-7.43e-02
6	3	1869	1.96	-1.76	-1.65	1.85	-0.62	1.19	0.27	0.28	1.19	-8.34e-02
6	3	1870	1.96	-2.27	-2.25	1.93	-0.33	1.05	0.15	0.16	1.04	-9.03e-02
6	3	1871	2.07	-2.65	-2.65	2.07	-4.81e-02	0.90	5.42e-02	6.50e-02	0.89	-9.52e-02
6	3	1872	2.27	-2.89	-2.87	2.26	0.24	0.75	-2.82e-02	-1.56e-02	0.74	-9.86e-02
6	3	1873	2.56	-2.98	-2.92	2.51	0.55	0.61	-9.28e-02	-7.81e-02	0.59	-0.10
6	3	1874	2.95	-2.94	-2.80	2.81	0.88	0.47	-0.14	-0.12	0.45	-0.10
6	3	1875	3.43	-2.78	-2.52	3.17	1.24	0.34	-0.17	-0.15	0.31	-0.10
6	3	1876	4.02	-2.51	-2.07	3.57	1.65	0.21	-0.18	-0.15	0.18	-9.87e-02
6	3	1877	4.71	-2.16	-1.46	4.00	2.08	9.47e-02	-0.19	-0.15	5.88e-02	-9.35e-02
6	3	1878	5.54	-1.80	-0.77	4.51	2.55	4.00e-02	-0.19	-0.16	9.15e-03	-7.85e-02
6	3	1879	16.72	0.13	15.23	1.62	-4.75	2.06	0.66	1.75	0.97	0.58
6	3	1880	13.27	0.40	11.76	1.92	-4.15	1.96	1.16	1.64	1.48	0.39
6	3	1881	10.34	0.31	8.77	1.89	-3.65	1.80	1.26	1.43	1.63	0.25
6	3	1882	7.91	0.18	6.26	1.83	-3.17	1.75	1.20	1.24	1.71	0.14
6	3	1883	5.91	-1.60e-02	4.14	1.76	-2.71	1.75	1.05	1.05	1.74	5.22e-02
6	3	1884	4.33	-0.30	2.35	1.69	-2.29	1.72	0.88	0.88	1.72	-1.40e-02
6	3	1885	3.19	-0.70	0.85	1.64	-1.90	1.67	0.72	0.72	1.67	-6.56e-02
6	3	1886	2.45	-1.23	-0.39	1.61	-1.54	1.60	0.56	0.57	1.59	-0.11
6	3	1887	2.04	-1.82	-1.39	1.62	-1.21	1.50	0.42	0.44	1.49	-0.14
6	3	1888	1.86	-2.37	-2.17	1.66	-0.89	1.39	0.29	0.32	1.37	-0.16
6	3	1889	1.82	-2.82	-2.75	1.74	-0.58	1.28	0.18	0.21	1.25	-0.17
6	3	1890	1.89	-3.14	-3.12	1.87	-0.28	1.15	9.10e-02	0.12	1.12	-0.19
6	3	1891	2.05	-3.32	-3.32	2.05	4.20e-02	1.03	1.52e-02	5.32e-02	0.99	-0.19
6	3	1892	2.30	-3.36	-3.33	2.27	0.38	0.90	-4.33e-02	-6.43e-04	0.86	-0.20
6	3	1893	2.64	-3.26	-3.17	2.55	0.74	0.78	-8.45e-02	-3.70e-02	0.74	-0.20
6	3	1894	3.08	-3.06	-2.84	2.87	1.14	0.67	-0.11	-5.62e-02	0.62	-0.20
6	3	1895	3.64	-2.75	-2.34	3.23	1.56	0.57	-0.12	-5.90e-02	0.51	-0.19
6	3	1896	4.31	-2.36	-1.67	3.63	2.02	0.47	-0.12	-4.98e-02	0.40	-0.19
6	3	1897	5.09	-1.79	-0.71	4.01	2.50	0.33	-0.16	-5.76e-02	0.23	-0.20
6	3	1898	14.76	0.55	13.50	1.81	-4.04	1.53	9.41e-02	1.12	0.51	0.65
6	3	1899	12.07	3.99e-02	10.65	1.46	-3.89	1.28	9.73e-02	1.01	0.37	0.50
6	3	1900	9.65	-0.19	8.09	1.38	-3.60	1.04	0.23	0.87	0.41	0.34
6	3	1901	7.55	-0.40	5.84	1.31	-3.27	0.80	0.32	0.70	0.43	0.20
6	3	1902	5.76	-0.64	3.88	1.24	-2.91	0.59	0.38	0.54	0.43	8.77e-02
6	3	1903	4.30	-0.91	2.20	1.19	-2.55	0.42	0.40	0.40	0.42	-2.23e-03
6	3	1904	3.17	-1.24	0.78	1.16	-2.20	0.43	0.23	0.27	0.40	-7.35e-02
6	3	1905	2.38	-1.63	-0.40	1.15	-1.85	0.42	8.76e-02	0.15	0.36	-0.13
6	3	1906	1.88	-2.07	-1.37	1.17	-1.51	0.40	-3.87e-02	4.45e-02	0.32	-0.17
6	3	1907	1.60	-2.50	-2.12	1.22	-1.18	0.37	-0.15	-4.53e-02	0.27	-0.20
6	3	1908	1.49	-2.85	-2.67	1.31	-0.86	0.33	-0.24	-0.12	0.21	-0.23
6	3	1909	1.50	-3.09	-3.03	1.44	-0.53	0.29	-0.31	-0.18	0.16	-0.24
6	3	1910	1.61	-3.21	-3.20	1.60	-0.18	0.24	-0.36	-0.22	0.10	-0.25
6	3	1911	1.81	-3.20	-3.20	1.80	0.18	0.20	-0.40	-0.25	4.95e-02	-0.26
6	3	1912	2.11	-3.07	-3.01	2.05	0.57	0.16	-0.42	-0.26	5.06e-04	-0.26
6	3	1913	2.53	-2.84	-2.65	2.34	0.99	0.13	-0.42	-0.25	-4.34e-02	-0.26
6	3	1914	3.07	-2.52	-2.12	2.67	1.43	0.11	-0.41	-0.22	-8.16e-02	-0.25
6	3	1915	3.76	-2.14	-1.43	3.06	1.91	9.59e-02	-0.39	-0.18	-0.11	-0.24
6	3	1916	4.63	-1.83	-0.75	3.56	2.41	0.11	-0.33	-0.15	-6.65e-02	-0.21
6	3	1917	12.40	0.29	11.45	1.24	-3.26	1.33	-0.42	0.87	4.11e-02	0.77
6	3	1918	10.03	0.25	8.94	1.33	-3.07	1.03	-0.22	0.72	8.53e-02	0.54
6	3	1919	8.01	-5.83e-02	6.74	1.21	-2.94	0.73	-0.19	0.54	2.21e-03	0.37
6	3	1920	6.25	-0.37	4.79	1.10	-2.75	0.49	-0.15	0.39	-4.93e-02	0.23
6	3	1921	4.75	-0.70	3.05	1.01	-2.53	0.29	-0.11	0.26	-7.33e-02	0.12
6	3	1922	3.53	-1.06	1.52	0.95	-2.28	0.14	-8.34e-02	0.14	-8.09e-02	2.35e-02
6	3	1923	2.61	-1.48	0.21	0.92	-2.02	5.74e-02	-0.10	3.66e-02	-7.93e-02	-5.33e-02
6	3	1924	1.97	-1.96	-0.90	0.91	-1.74	5.40e-02	-0.18	-5.04e-02	-7.29e-02	-0.12
6	3	1925	1.58	-2.44	-1.80	0.94	-1.47	7.29e-02	-0.26	-0.12	-6.43e-02	-0.16
6	3	1926	1.36	-2.87	-2.51	0.99	-1.18	9.36e-02	-0.33	-0.18	-5.44e-02	-0.20
6	3	1927	1.26	-3.21	-3.03	1.08	-0.89	0.11	-0.38	-0.23	-4.32e-02	-0.23
6	3	1928	1.26	-3.43	-3.36	1.19	-0.58	0.13	-0.42	-0.25	-3.04e-02	-0.25
6	3	1929	1.35	-3.52	-3.50	1.34	-0.25	0.15	-0.43	-0.27	-1.51e-02	-0.26
6	3	1930	1.52	-3.47	-3.47	1.52	0.10	0.17	-0.43	-0.27	3.77e-03	-0.27
6	3	1931	1.78	-3.30	-3.25	1.73	0.49	0.19	-0.42	-0.25	2.70e-02	-0.27
6	3	1932	2.15	-3.02	-2.86	1.99	0.90	0.22	-0.38	-0.22	5.53e-02	-0.27
6	3	1933	2.66	-2.66	-2.29	2.29	1.36	0.25	-0.34	-0.17	8.92e-02	-0.26
6	3	1934	3.34	-2.23	-1.54	2.65	1.83	0.29	-0.29	-0.12	0.12	-0.26
6	3	1935	4.20	-1.52	-0.32	3.00	2.33	0.27	-0.29	-8.24e-02	7.11e-02	-0.27
6	3	1936	9.81	0.67	8.94	1.54	-2.68	0.83	-0.35	0.53	-5.35e-02	0.51
6	3	1937	8.26	0.18	7.22	1.22	-2.70	0.53	-0.62	0.34	-0.43	0.42
6	3	1938	6.68	-0.19	5.46	1.03	-2.62	0.29	-0.73	0.18	-0.62	0.31



6	3	1939	5.25	-0.56	3.82	0.87	-2.50	7.35e-02	-0.81	2.55e-02	-0.76	0.20
6	3	1940	4.01	-0.94	2.33	0.74	-2.35	-9.54e-02	-0.88	-0.11	-0.87	0.11
6	3	1941	2.99	-1.34	1.00	0.65	-2.16	-0.22	-0.94	-0.23	-0.94	2.39e-02
6	3	1942	2.21	-1.77	-0.16	0.60	-1.95	-0.32	-0.99	-0.32	-0.99	-4.46e-02
6	3	1943	1.65	-2.21	-1.14	0.58	-1.73	-0.39	-1.03	-0.40	-1.01	-0.10
6	3	1944	1.28	-2.63	-1.95	0.59	-1.49	-0.43	-1.06	-0.47	-1.02	-0.15
6	3	1945	1.05	-2.99	-2.57	0.63	-1.23	-0.45	-1.07	-0.51	-1.01	-0.18
6	3	1946	0.93	-3.26	-3.03	0.70	-0.96	-0.46	-1.06	-0.54	-0.98	-0.20
6	3	1947	0.90	-3.41	-3.31	0.79	-0.67	-0.45	-1.04	-0.55	-0.94	-0.22
6	3	1948	0.94	-3.44	-3.41	0.91	-0.35	-0.42	-1.00	-0.54	-0.88	-0.23
6	3	1949	1.06	-3.33	-3.33	1.06	-5.73e-03	-0.38	-0.94	-0.51	-0.81	-0.24
6	3	1950	1.27	-3.11	-3.08	1.24	0.37	-0.33	-0.86	-0.47	-0.72	-0.24
6	3	1951	1.60	-2.80	-2.65	1.46	0.78	-0.26	-0.77	-0.41	-0.62	-0.23
6	3	1952	2.10	-2.42	-2.05	1.73	1.24	-0.18	-0.66	-0.33	-0.51	-0.22
6	3	1953	2.79	-2.01	-1.28	2.06	1.72	-9.26e-02	-0.53	-0.24	-0.39	-0.21
6	3	1954	3.72	-1.81	-0.67	2.59	2.24	1.37e-02	-0.34	-0.14	-0.18	-0.18
6	3	1955	8.13	0.34	7.23	1.24	-2.48	0.61	-0.42	0.38	-0.19	0.43
6	3	1956	6.43	0.16	5.39	1.20	-2.33	0.35	-0.47	0.23	-0.35	0.30
6	3	1957	5.08	-0.21	3.88	0.99	-2.22	0.11	-0.64	5.46e-02	-0.58	0.20
6	3	1958	3.90	-0.61	2.50	0.80	-2.09	-8.28e-02	-0.81	-0.10	-0.79	0.12
6	3	1959	2.90	-1.03	1.23	0.65	-1.94	-0.24	-0.96	-0.24	-0.95	4.49e-02
6	3	1960	2.11	-1.49	8.20e-02	0.54	-1.79	-0.35	-1.08	-0.35	-1.08	-1.57e-02
6	3	1961	1.54	-1.99	-0.92	0.47	-1.62	-0.44	-1.17	-0.45	-1.17	-6.54e-02
6	3	1962	1.15	-2.49	-1.78	0.43	-1.44	-0.51	-1.24	-0.52	-1.22	-0.10
6	3	1963	0.89	-2.94	-2.48	0.43	-1.25	-0.55	-1.27	-0.57	-1.24	-0.13
6	3	1964	0.74	-3.31	-3.02	0.45	-1.04	-0.57	-1.26	-0.61	-1.23	-0.15
6	3	1965	0.66	-3.57	-3.41	0.50	-0.81	-0.57	-1.23	-0.62	-1.18	-0.16
6	3	1966	0.65	-3.71	-3.64	0.57	-0.57	-0.56	-1.16	-0.61	-1.11	-0.17
6	3	1967	0.69	-3.72	-3.70	0.67	-0.29	-0.52	-1.06	-0.58	-1.00	-0.16
6	3	1968	0.79	-3.60	-3.60	0.79	1.46e-02	-0.47	-0.93	-0.53	-0.87	-0.16
6	3	1969	0.96	-3.35	-3.32	0.93	0.36	-0.39	-0.79	-0.46	-0.72	-0.15
6	3	1970	1.25	-3.00	-2.86	1.11	0.74	-0.30	-0.62	-0.38	-0.55	-0.14
6	3	1971	1.69	-2.57	-2.23	1.34	1.16	-0.19	-0.46	-0.28	-0.36	-0.13
6	3	1972	2.35	-2.09	-1.39	1.65	1.62	-7.11e-02	-0.30	-0.19	-0.19	-0.12
6	3	1973	3.34	-1.27	0.13	1.94	2.12	1.66e-02	-0.22	-0.10	-9.93e-02	-0.12
6	3	1974	6.16	0.18	5.02	1.32	-2.35	0.28	-0.25	0.23	-0.20	0.15
6	3	1975	5.13	-0.18	3.94	1.00	-2.21	7.28e-02	-0.60	5.53e-02	-0.59	0.11
6	3	1976	3.99	-0.52	2.69	0.78	-2.04	-0.11	-0.85	-0.11	-0.85	4.83e-02
6	3	1977	2.97	-0.89	1.50	0.58	-1.88	-0.27	-1.08	-0.27	-1.08	-7.32e-03
6	3	1978	2.13	-1.31	0.39	0.43	-1.72	-0.40	-1.28	-0.41	-1.28	-5.39e-02
6	3	1979	1.50	-1.78	-0.60	0.32	-1.57	-0.51	-1.44	-0.52	-1.44	-8.98e-02
6	3	1980	1.05	-2.27	-1.47	0.24	-1.42	-0.59	-1.57	-0.61	-1.55	-0.11
6	3	1981	0.74	-2.75	-2.20	0.20	-1.27	-0.66	-1.65	-0.67	-1.63	-0.13
6	3	1982	0.55	-3.17	-2.80	0.18	-1.10	-0.70	-1.69	-0.72	-1.67	-0.13
6	3	1983	0.42	-3.49	-3.26	0.19	-0.93	-0.73	-1.69	-0.75	-1.67	-0.13
6	3	1984	0.35	-3.71	-3.57	0.22	-0.73	-0.73	-1.65	-0.75	-1.64	-0.12
6	3	1985	0.33	-3.80	-3.74	0.26	-0.52	-0.72	-1.58	-0.74	-1.57	-0.10
6	3	1986	0.34	-3.76	-3.74	0.32	-0.27	-0.69	-1.48	-0.70	-1.47	-8.17e-02
6	3	1987	0.41	-3.59	-3.59	0.41	-1.17e-03	-0.65	-1.34	-0.65	-1.34	-5.91e-02
6	3	1988	0.54	-3.30	-3.28	0.51	0.31	-0.58	-1.18	-0.58	-1.18	-3.61e-02
6	3	1989	0.77	-2.91	-2.79	0.65	0.65	-0.49	-1.00	-0.49	-1.00	-1.43e-02
6	3	1990	1.16	-2.46	-2.13	0.83	1.05	-0.38	-0.80	-0.38	-0.80	5.00e-03
6	3	1991	1.80	-2.01	-1.29	1.09	1.49	-0.25	-0.57	-0.26	-0.57	2.24e-02
6	3	1992	2.72	-1.83	-0.70	1.59	1.97	-0.11	-0.27	-0.13	-0.26	4.34e-02
6	3	1993	5.29	-0.28	4.04	0.97	-2.32	0.22	-4.00e-02	0.21	-3.23e-02	4.42e-02
6	3	1994	3.85	-0.49	2.50	0.86	-2.01	9.89e-02	-0.16	8.74e-02	-0.15	-5.32e-02
6	3	1995	2.74	-0.77	1.33	0.65	-1.72	-2.74e-02	-0.45	-6.34e-02	-0.41	-0.12
6	3	1996	1.85	-1.12	0.26	0.47	-1.48	-0.16	-0.73	-0.21	-0.68	-0.16
6	3	1997	1.20	-1.58	-0.71	0.33	-1.29	-0.28	-0.97	-0.34	-0.92	-0.18
6	3	1998	0.77	-2.11	-1.57	0.23	-1.13	-0.39	-1.16	-0.44	-1.11	-0.19
6	3	1999	0.51	-2.67	-2.31	0.16	-1.00	-0.48	-1.30	-0.53	-1.26	-0.19
6	3	2000	0.35	-3.18	-2.94	0.11	-0.89	-0.55	-1.40	-0.59	-1.36	-0.17
6	3	2001	0.25	-3.60	-3.44	8.29e-02	-0.77	-0.60	-1.44	-0.63	-1.42	-0.15
6	3	2002	0.18	-3.92	-3.81	7.49e-02	-0.66	-0.63	-1.45	-0.64	-1.43	-0.12
6	3	2003	0.15	-4.12	-4.05	8.30e-02	-0.54	-0.64	-1.41	-0.64	-1.40	-8.16e-02
6	3	2004	0.14	-4.20	-4.16	0.11	-0.40	-0.62	-1.34	-0.63	-1.33	-4.11e-02
6	3	2005	0.16	-4.15	-4.13	0.14	-0.24	-0.59	-1.23	-0.59	-1.23	1.62e-03
6	3	2006	0.20	-3.96	-3.95	0.20	-5.01e-02	-0.53	-1.10	-0.53	-1.09	4.49e-02
6	3	2007	0.28	-3.63	-3.62	0.27	0.17	-0.45	-0.94	-0.46	-0.93	8.70e-02
6	3	2008	0.42	-3.18	-3.13	0.37	0.44	-0.33	-0.77	-0.38	-0.72	0.13
6	3	2009	0.69	-2.65	-2.46	0.50	0.76	-0.19	-0.58	-0.27	-0.50	0.16
6	3	2010	1.19	-2.06	-1.59	0.71	1.15	-2.82e-02	-0.40	-0.17	-0.26	0.18
6	3	2011	2.13	-1.22	-1.25e-02	0.92	1.61	9.12e-02	-0.29	-7.01e-02	-0.13	0.19
6	3	2012	4.29	-0.72	2.80	0.77	-2.29	-1.10e-03	-0.27	-5.26e-02	-0.22	-0.11
6	3	2013	2.97	-0.87	1.70	0.40	-1.81	-2.63e-02	-0.60	-0.11	-0.51	-0.20
6	3	2014	1.84	-1.05	0.54	0.25	-1.44	-7.06e-02	-0.76	-0.18	-0.65	-0.25
6	3	2015	1.01	-1.39	-0.53	0.16	-1.15	-0.13	-0.87	-0.25	-0.75	-0.28



6	3	2016	0.52	-1.91	-1.48	8.62e-02	-0.93	-0.19	-0.94	-0.31	-0.82	-0.28
6	3	2017	0.27	-2.53	-2.30	3.53e-02	-0.78	-0.24	-0.98	-0.35	-0.87	-0.26
6	3	2018	0.14	-3.13	-2.99	-1.19e-03	-0.67	-0.29	-0.99	-0.39	-0.89	-0.24
6	3	2019	6.87e-02	-3.65	-3.56	-2.62e-02	-0.59	-0.34	-0.97	-0.41	-0.90	-0.20
6	3	2020	2.59e-02	-4.07	-4.00	-4.17e-02	-0.52	-0.37	-0.93	-0.41	-0.88	-0.15
6	3	2021	4.63e-04	-4.37	-4.32	-4.93e-02	-0.46	-0.39	-0.87	-0.41	-0.85	-0.10
6	3	2022	-1.38e-02	-4.55	-4.51	-4.99e-02	-0.40	-0.40	-0.81	-0.40	-0.80	-4.56e-02
6	3	2023	-1.99e-02	-4.60	-4.57	-4.40e-02	-0.33	-0.38	-0.74	-0.38	-0.74	1.21e-02
6	3	2024	-1.86e-02	-4.52	-4.50	-3.17e-02	-0.24	-0.34	-0.69	-0.35	-0.67	7.00e-02
6	3	2025	-8.57e-03	-4.29	-4.29	-1.24e-02	-0.13	-0.27	-0.64	-0.32	-0.59	0.13
6	3	2026	1.57e-02	-3.92	-3.92	1.56e-02	1.90e-02	-0.18	-0.61	-0.28	-0.52	0.18
6	3	2027	6.96e-02	-3.41	-3.40	5.69e-02	0.21	-8.45e-02	-0.59	-0.23	-0.44	0.23
6	3	2028	0.20	-2.77	-2.69	0.12	0.46	7.11e-03	-0.56	-0.18	-0.37	0.27
6	3	2029	0.50	-2.08	-1.83	0.25	0.77	7.96e-02	-0.53	-0.14	-0.31	0.29
6	3	2030	1.23	-1.67	-1.03	0.58	1.21	0.15	-0.42	-0.14	-0.13	0.28
6	3	2031	2.48	-0.44	2.06	-1.97e-02	-1.03	2.32e-02	-0.57	-0.17	-0.38	-0.28
6	3	2032	1.04	-0.28	0.73	2.55e-02	-0.56	6.83e-02	-0.44	-0.11	-0.26	-0.24
6	3	2033	0.11	-0.65	-0.53	-1.15e-02	-0.28	0.13	-0.38	-8.13e-02	-0.18	-0.25
6	3	2034	-1.08e-02	-1.63	-1.62	-2.14e-02	-0.13	0.18	-0.34	-6.55e-02	-8.87e-02	-0.26
6	3	2035	-2.39e-02	-2.53	-2.53	-2.54e-02	-6.04e-02	0.23	-0.27	-4.83e-02	8.48e-03	-0.25
6	3	2036	-2.78e-02	-3.30	-3.30	-2.84e-02	-4.28e-02	0.28	-0.20	-2.85e-02	0.11	-0.23
6	3	2037	-3.07e-02	-3.93	-3.93	-3.17e-02	-6.19e-02	0.33	-0.12	-6.64e-03	0.21	-0.20
6	3	2038	-3.30e-02	-4.44	-4.44	-3.56e-02	-0.11	0.38	-4.94e-02	1.64e-02	0.31	-0.15
6	3	2039	-3.45e-02	-4.83	-4.82	-4.00e-02	-0.16	0.44	1.11e-02	3.99e-02	0.41	-0.11
6	3	2040	-3.48e-02	-5.10	-5.09	-4.51e-02	-0.23	0.50	5.61e-02	6.30e-02	0.49	-5.50e-02
6	3	2041	-3.41e-02	-5.26	-5.24	-5.06e-02	-0.29	0.57	8.52e-02	8.52e-02	0.57	-1.53e-03
6	3	2042	-3.28e-02	-5.29	-5.27	-5.64e-02	-0.35	0.64	0.10	0.11	0.63	5.18e-02
6	3	2043	-3.13e-02	-5.20	-5.17	-6.22e-02	-0.40	0.69	0.10	0.12	0.68	0.10
6	3	2044	-3.04e-02	-4.97	-4.94	-6.77e-02	-0.43	0.74	9.92e-02	0.14	0.70	0.15
6	3	2045	-3.07e-02	-4.60	-4.56	-7.22e-02	-0.43	0.75	8.52e-02	0.14	0.69	0.19
6	3	2046	-3.28e-02	-4.08	-4.04	-7.45e-02	-0.41	0.73	6.16e-02	0.14	0.65	0.22
6	3	2047	-3.62e-02	-3.38	-3.35	-7.04e-02	-0.34	0.66	2.30e-02	0.13	0.56	0.23
6	3	2048	-2.67e-02	-2.49	-2.47	-3.88e-02	-0.17	0.54	-5.32e-02	8.43e-02	0.40	0.25
6	3	2049	1.77e-02	-1.44	-1.43	2.87e-03	0.15	0.38	-0.28	-1.89e-02	0.12	0.32
6	3	2288	16.98	2.55	3.18	16.35	2.96	0.30	-0.24	-1.69e-02	7.32e-02	0.27
6	3	2289	-5.31e-02	-0.39	-0.32	-0.12	0.14	-8.18e-02	-0.25	-0.13	-0.20	-7.52e-02
6	3	2290	2.24	-1.66e-02	-1.65e-02	2.24	-6.07e-03	0.22	-7.25e-02	9.12e-03	0.13	-0.13
6	3	2291	2.97	-6.86e-02	-6.86e-02	2.97	9.72e-04	0.20	-1.21e-03	4.44e-02	0.16	8.51e-02
6	3	2292	3.86	-8.08e-02	-8.08e-02	3.86	8.80e-03	0.27	-0.17	4.34e-02	5.45e-02	0.22
6	3	2293	4.81	-8.76e-02	-8.76e-02	4.81	4.18e-03	0.17	-0.18	3.72e-02	-5.13e-02	0.17
6	3	2294	5.65	-9.04e-02	-9.04e-02	5.65	-5.10e-03	3.46e-02	-7.57e-02	3.42e-02	-7.52e-02	7.11e-03
6	3	2295	6.46	-8.84e-02	-8.84e-02	6.46	-1.21e-02	0.14	-9.65e-02	3.36e-02	1.02e-02	-0.12
6	3	2296	7.53	-8.95e-02	-8.95e-02	7.53	-1.02e-02	0.19	-5.67e-04	2.67e-02	0.16	-6.63e-02
6	3	2297	9.48	-0.12	-0.12	9.48	-1.77e-02	0.34	-8.39e-02	-7.32e-03	0.26	0.16
6	3	2298	6.87	7.11e-02	7.11e-02	6.87	2.42e-03	0.15	-8.36e-02	-3.37e-02	9.53e-02	9.45e-02
6	3	2300	11.03	-0.79	-0.76	11.00	-0.61	0.30	-0.19	-8.48e-03	0.12	0.24
6	3	2301	1.40	0.11	0.12	1.39	8.30e-02	8.06e-02	-0.13	-6.03e-03	-4.19e-02	-0.10
6	3	2302	5.32	9.20e-02	9.20e-02	5.32	-9.91e-03	3.29e-02	-0.11	-2.87e-02	-4.67e-02	7.01e-02
6	3	2303	2.73	5.64e-02	5.69e-02	2.72	-3.57e-02	0.17	-5.18e-02	-4.39e-02	0.16	-4.10e-02
6	3	2304	4.44	8.72e-02	8.73e-02	4.44	-1.58e-02	0.16	-0.18	-3.89e-02	2.15e-02	0.17
6	3	2305	3.52	7.32e-02	7.33e-02	3.52	-2.27e-02	0.19	-0.12	-5.01e-02	0.13	0.13
6	3	2306	6.97	6.92e-02	6.92e-02	6.97	-2.38e-03	0.16	-9.38e-02	-3.00e-02	9.34e-02	-0.11
6	3	2307	6.11	8.54e-02	8.54e-02	6.11	-4.27e-03	4.55e-02	-9.31e-02	-2.77e-02	-1.99e-02	-6.92e-02
6	3	2308	8.36	3.88e-02	3.88e-02	8.36	5.00e-03	0.22	-2.87e-02	-2.51e-02	0.22	3.02e-02
6	3	2310	17.14	2.57	3.21	16.50	-2.99	0.31	-0.25	-1.69e-02	7.30e-02	-0.27
6	3	2311	-4.60e-02	-0.38	-0.31	-0.11	-0.13	-8.99e-02	-0.26	-0.13	-0.22	7.37e-02
6	3	2331	5.96	8.66e-02	8.66e-02	5.96	4.98e-03	4.04e-02	-8.43e-02	-3.22e-02	-1.17e-02	6.15e-02
6	3	2333	11.09	-0.79	-0.76	11.06	0.61	0.31	-0.20	-9.03e-03	0.11	-0.25
6	3	2334	2.17	-1.74e-02	-1.74e-02	2.17	6.26e-03	0.22	-8.11e-02	9.97e-03	0.13	0.14
6	3	2335	8.32	4.03e-02	4.03e-02	8.32	-6.32e-03	0.22	-3.48e-02	-2.74e-02	0.22	-4.32e-02
6	3	2336	2.84	-7.08e-02	-7.08e-02	2.84	-1.68e-04	0.19	1.24e-02	4.65e-02	0.15	-6.87e-02
6	3	2337	3.69	-8.37e-02	-8.36e-02	3.69	-8.12e-03	0.25	-0.15	4.69e-02	5.32e-02	-0.20
6	3	2339	4.62	-8.94e-02	-8.94e-02	4.62	-4.01e-03	0.16	-0.17	4.13e-02	-4.49e-02	-0.16
6	3	2340	5.48	-9.17e-02	-9.17e-02	5.48	4.85e-03	3.91e-02	-6.72e-02	3.83e-02	-6.64e-02	-8.99e-03
6	3	2341	6.32	-9.08e-02	-9.08e-02	6.32	1.15e-02	0.13	-7.81e-02	3.76e-02	1.41e-02	0.10
6	3	2342	7.44	-9.21e-02	-9.21e-02	7.44	9.24e-03	0.17	1.32e-02	3.00e-02	0.16	4.93e-02
6	3	2343	9.47	-0.13	-0.13	9.47	1.67e-02	0.34	-9.22e-02	-5.42e-03	0.26	-0.17
6	3	2345	1.37	0.11	0.11	1.36	-8.13e-02	8.51e-02	-0.14	-6.45e-03	-4.41e-02	0.11
6	3	2346	5.15	9.28e-02	9.28e-02	5.15	9.45e-03	2.94e-02	-0.10	-3.33e-02	-3.74e-02	-6.47e-02
6	3	2347	2.63	5.74e-02	5.79e-02	2.63	3.66e-02	0.17	-5.75e-02	-4.49e-02	0.16	5.17e-02
6	3	2348	4.27	8.85e-02	8.85e-02	4.27	1.49e-02	0.15	-0.17	-4.28e-02	2.55e-02	-0.15
6	3	2349	3.37	7.47e-02	7.49e-02	3.37	2.29e-02	0.18	-0.11	-5.27e-02	0.12	-0.11
6	4	1	38.23	8.86	10.11	36.98	5.93	1.90	-1.65	0.14	0.11	1.77
6	4	2	1.20	-7.37e-02	0.86	0.27	-0.56	0.35	-0.64	0.12	-0.41	-0.42
6	4	3	2.88	-2.34	-0.24	0.79	-2.56	1.97	-0.20	1.41	0.36	-0.94
6	4	4	4.12	-2.28	0.41	1.43	-3.16	1.82	9.53e-02	1.57	0.34	-0.60
6	4	5	4.97	-1.53	0.66	2.78	-3.08	1.46	0.23	1.40	0.29	-0.27



6	4	6	6.47	-0.75	0.79	4.93	-2.95	1.26	0.26	1.25	0.27	-9.73e-02
6	4	7	8.80	-4.55e-02	0.91	7.84	-2.74	1.20	0.29	1.20	0.29	-1.37e-02
6	4	8	12.07	0.65	1.09	11.64	-2.18	1.29	0.32	1.28	0.33	0.10
6	4	9	16.82	1.29	1.34	16.76	-0.90	1.62	0.29	1.49	0.43	0.40
6	4	10	24.23	1.60	1.70	24.12	1.54	2.29	-9.67e-03	1.70	0.59	1.01
6	4	35	32.55	-8.61e-02	0.55	31.91	4.53	3.11	-0.56	1.71	0.84	1.78
6	4	41	1.88	-1.64	-0.82	1.05	-1.49	2.10	-0.43	1.13	0.54	-1.23
6	4	44	8.72	-1.65	-0.68	7.75	-3.03	1.40	0.65	1.39	0.66	4.37e-02
6	4	53	4.19	-2.29	-6.09e-02	1.95	-3.08	2.16	9.23e-02	1.63	0.62	-0.90
6	4	58	6.56	-1.94	-0.53	5.15	-3.16	1.48	0.64	1.47	0.65	-8.62e-02
6	4	64	11.68	-1.28	-0.69	11.10	2.69	1.43	0.66	1.40	0.68	-0.13
6	4	66	5.19	-2.21	-0.26	3.25	-3.26	1.74	0.51	1.60	0.65	-0.39
6	4	67	15.68	-0.76	-0.55	15.47	-1.82	1.65	0.60	1.52	0.72	0.34
6	4	72	11.68	-1.28	-0.69	11.10	-2.69	1.43	0.66	1.40	0.68	0.13
6	4	85	21.44	-0.20	-0.20	21.44	-7.02e-02	2.22	0.24	1.69	0.77	0.88
6	4	93	54.09	12.74	12.76	54.08	-0.81	0.81	4.84e-02	0.34	0.52	-0.37
6	4	94	11.78	1.49	11.78	1.50	0.13	0.38	-0.73	0.38	-0.72	7.52e-02
6	4	95	14.96	-0.85	14.93	-0.83	0.67	1.84	0.22	1.81	0.25	0.22
6	4	96	20.57	-0.54	20.53	-0.50	0.95	2.57	0.37	2.55	0.39	0.22
6	4	97	23.18	1.83	23.14	1.87	0.92	2.75	0.47	2.74	0.48	0.16
6	4	98	24.11	5.18	24.09	5.20	0.67	2.75	0.54	2.75	0.55	8.98e-02
6	4	99	24.45	9.04	24.44	9.05	0.29	2.74	0.60	2.74	0.60	2.56e-02
6	4	100	24.38	13.48	24.37	13.48	-0.15	2.75	0.66	2.75	0.66	-5.09e-02
6	4	101	23.11	19.03	23.02	19.11	-0.58	2.69	0.70	2.68	0.71	-0.15
6	4	102	27.49	18.40	18.48	27.41	-0.88	2.32	0.73	2.28	0.77	-0.25
6	4	127	38.15	5.27	5.29	38.13	-0.84	2.86	1.31	2.75	1.42	-0.40
6	4	133	7.06	2.10	7.03	2.12	0.32	1.86	0.77	1.80	0.83	0.26
6	4	136	15.61	11.25	15.56	11.31	0.49	3.25	1.46	3.25	1.46	7.60e-02
6	4	144	32.55	-8.61e-02	0.55	31.91	-4.53	3.11	-0.56	1.71	0.84	-1.78
6	4	145	10.75	2.57	10.67	2.65	0.79	2.85	1.08	2.79	1.14	0.32
6	4	150	15.06	7.63	14.98	7.71	0.80	3.28	1.41	3.27	1.43	0.17
6	4	158	13.63	4.61	13.53	4.71	0.93	3.25	1.32	3.21	1.35	0.27
6	4	159	20.45	14.82	14.84	20.43	-0.35	3.28	1.51	3.27	1.52	-0.14
6	4	163	2.88	-2.34	-0.24	0.79	2.56	1.97	-0.20	1.41	0.36	0.94
6	4	164	15.64	15.42	15.61	15.45	7.70e-02	3.26	1.49	3.26	1.49	-1.60e-02
6	4	166	21.44	-0.20	-0.20	21.44	7.02e-02	2.22	0.24	1.69	0.77	-0.88
6	4	168	4.12	-2.28	0.41	1.43	3.16	1.82	9.53e-02	1.57	0.34	0.60
6	4	170	4.97	-1.53	0.66	2.78	3.08	1.46	0.23	1.40	0.29	0.27
6	4	172	6.47	-0.75	0.79	4.93	2.95	1.26	0.26	1.25	0.27	9.73e-02
6	4	173	8.80	-4.55e-02	0.91	7.84	2.74	1.20	0.29	1.20	0.29	1.37e-02
6	4	174	12.07	0.65	1.09	11.64	2.18	1.29	0.32	1.28	0.33	-0.10
6	4	175	16.82	1.29	1.34	16.76	0.90	1.62	0.29	1.49	0.43	-0.40
6	4	176	24.23	1.60	1.70	24.12	-1.54	2.29	-9.66e-03	1.70	0.59	-1.01
6	4	177	27.03	12.38	12.41	27.00	-0.69	3.11	1.42	3.05	1.47	-0.30
6	4	184	1.88	-1.64	-0.82	1.05	1.49	2.10	-0.43	1.13	0.54	1.23
6	4	187	8.72	-1.65	-0.68	7.75	3.03	1.40	0.65	1.39	0.66	-4.37e-02
6	4	191	54.09	12.74	12.76	54.08	0.81	0.81	4.84e-02	0.34	0.52	0.37
6	4	192	11.78	1.49	11.78	1.50	-0.13	0.38	-0.73	0.38	-0.72	-7.52e-02
6	4	193	14.96	-0.85	14.93	-0.83	-0.67	1.84	0.22	1.81	0.25	-0.22
6	4	194	20.57	-0.54	20.53	-0.50	-0.95	2.57	0.37	2.55	0.39	-0.22
6	4	195	23.18	1.83	23.14	1.87	-0.92	2.75	0.47	2.74	0.48	-0.16
6	4	196	24.11	5.18	24.09	5.20	-0.67	2.75	0.54	2.75	0.55	-8.98e-02
6	4	197	24.45	9.04	24.44	9.05	-0.29	2.74	0.60	2.74	0.60	-2.56e-02
6	4	198	24.38	13.48	24.37	13.48	0.15	2.75	0.66	2.75	0.66	5.09e-02
6	4	199	23.11	19.03	23.02	19.11	0.58	2.69	0.70	2.68	0.71	0.15
6	4	200	27.49	18.40	18.48	27.41	0.88	2.32	0.73	2.28	0.77	0.25
6	4	225	38.15	5.27	5.29	38.13	0.84	2.86	1.31	2.75	1.42	0.40
6	4	231	7.06	2.10	7.03	2.12	-0.32	1.86	0.77	1.80	0.83	-0.26
6	4	234	15.61	11.25	15.56	11.31	-0.49	3.25	1.46	3.25	1.46	-7.60e-02
6	4	243	10.75	2.57	10.67	2.65	-0.79	2.85	1.08	2.79	1.14	-0.32
6	4	248	15.06	7.63	14.98	7.71	-0.80	3.28	1.41	3.27	1.43	-0.17
6	4	256	13.63	4.61	13.53	4.71	-0.93	3.25	1.32	3.21	1.35	-0.27
6	4	257	20.45	14.82	14.84	20.43	0.35	3.28	1.51	3.27	1.52	0.14
6	4	262	15.64	15.42	15.61	15.45	-7.70e-02	3.26	1.49	3.26	1.49	1.60e-02
6	4	275	27.03	12.38	12.41	27.00	0.69	3.11	1.42	3.05	1.47	0.30
6	4	281	4.19	-2.29	-6.09e-02	1.95	3.08	2.16	9.23e-02	1.63	0.62	0.90
6	4	286	6.56	-1.94	-0.53	5.15	3.16	1.48	0.64	1.47	0.65	8.62e-02
6	4	294	5.19	-2.21	-0.26	3.25	3.26	1.74	0.51	1.60	0.65	0.39
6	4	295	15.68	-0.76	-0.55	15.47	1.82	1.65	0.60	1.52	0.72	-0.34
6	4	301	38.23	8.86	10.11	36.98	-5.93	1.90	-1.65	0.14	0.11	-1.77
6	4	302	1.20	-7.37e-02	0.86	0.27	0.56	0.35	-0.64	0.12	-0.41	0.42
6	4	345	25.04	2.82	3.43	24.43	3.62	0.84	-2.51	-0.73	-0.93	1.67
6	4	346	23.66	6.71	7.28	23.08	3.07	2.42	-2.26	2.70e-02	0.13	2.34
6	4	347	18.68	2.62	3.65	17.65	3.94	0.24	-3.19	-0.96	-1.99	1.64
6	4	348	17.96	4.90	5.42	17.43	2.56	1.98	-1.94	-1.98e-02	6.39e-02	1.96
6	4	349	14.56	1.46	2.66	13.36	3.78	-0.12	-3.47	-1.09	-2.50	1.52
6	4	350	13.69	3.51	4.11	13.08	2.41	1.68	-1.67	-8.37e-03	1.66e-02	1.67



6	4	351	11.44	0.47	1.64	10.27	3.39	-0.48	-3.60	-1.23	-2.85	1.33
6	4	352	10.55	2.43	3.12	9.87	2.26	1.43	-1.43	-4.40e-03	6.42e-03	1.43
6	4	353	9.00	-0.23	0.78	7.99	2.88	-0.83	-3.66	-1.36	-3.13	1.10
6	4	354	8.18	1.68	2.38	7.48	2.02	1.17	-1.17	-4.15e-03	5.10e-03	1.17
6	4	355	7.09	-0.63	0.14	6.33	2.31	-1.14	-3.66	-1.46	-3.34	0.84
6	4	356	6.37	1.21	1.84	5.74	1.69	0.89	-0.89	-4.49e-03	5.04e-03	0.89
6	4	357	5.65	-0.77	-0.30	5.18	1.69	-1.37	-3.64	-1.52	-3.49	0.56
6	4	358	5.02	1.00	1.47	4.54	1.30	0.60	-0.60	-4.74e-03	5.05e-03	0.60
6	4	359	4.68	-0.74	-0.52	4.47	1.05	-1.51	-3.61	-1.55	-3.57	0.28
6	4	360	4.10	0.98	1.25	3.82	0.88	0.29	-0.29	-4.83e-03	5.00e-03	0.29
6	4	361	4.21	-0.59	-0.55	4.17	0.42	-1.55	-3.59	-1.55	-3.59	-6.42e-03
6	4	362	3.64	1.08	1.16	3.55	0.46	1.18e-02	-1.17e-02	-4.76e-03	4.91e-03	-1.07e-02
6	4	363	4.28	-0.38	-0.37	4.28	-0.18	-1.48	-3.58	-1.52	-3.54	-0.28
6	4	364	3.71	1.21	1.21	3.71	6.66e-02	0.31	-0.31	-4.55e-03	4.78e-03	-0.31
6	4	365	4.88	-8.93e-02	1.53e-02	4.77	-0.71	-1.31	-3.57	-1.45	-3.43	-0.54
6	4	366	4.32	1.37	1.39	4.30	-0.26	0.58	-0.58	-4.20e-03	4.61e-03	-0.58
6	4	367	5.93	0.36	0.61	5.68	-1.17	-1.07	-3.54	-1.35	-3.27	-0.78
6	4	368	5.40	1.65	1.71	5.33	-0.49	0.83	-0.83	-3.68e-03	4.36e-03	-0.83
6	4	369	7.40	1.06	1.44	7.02	-1.50	-0.79	-3.47	-1.22	-3.05	-0.98
6	4	370	6.92	2.10	2.17	6.85	-0.59	1.05	-1.05	-2.99e-03	3.99e-03	-1.05
6	4	371	9.27	2.08	2.50	8.84	-1.69	-0.49	-3.35	-1.06	-2.78	-1.14
6	4	372	8.93	2.76	2.80	8.88	-0.52	1.22	-1.22	-2.15e-03	3.48e-03	-1.22
6	4	373	11.60	3.45	3.83	11.22	-1.71	-0.19	-3.15	-0.87	-2.47	-1.24
6	4	374	11.53	3.61	3.61	11.52	-0.24	1.33	-1.33	-1.29e-03	2.95e-03	-1.33
6	4	375	14.54	5.17	5.41	14.29	-1.49	8.19e-02	-2.87	-0.65	-2.14	-1.28
6	4	376	14.90	4.65	4.65	14.89	0.29	1.38	-1.38	-1.35e-03	3.68e-03	-1.38
6	4	377	18.35	7.12	7.21	18.27	-0.99	0.29	-2.50	-0.43	-1.77	-1.23
6	4	378	19.29	5.89	5.97	19.20	1.06	1.37	-1.36	-6.02e-03	1.27e-02	-1.37
6	4	379	23.59	8.96	8.96	23.59	-2.11e-02	0.40	-1.96	-0.24	-1.31	-1.05
6	4	380	25.04	7.41	7.64	24.81	1.97	1.37	-1.34	-2.06e-02	5.40e-02	-1.35
6	4	381	32.11	9.08	9.26	31.93	2.01	0.60	-0.93	3.11e-02	-0.36	-0.74
6	4	382	31.94	9.61	9.88	31.67	2.45	1.44	-1.34	5.42e-03	8.89e-02	-1.39
6	4	383	21.26	2.48	2.50	21.24	0.53	0.88	-1.47	-0.38	-0.21	1.17
6	4	384	17.61	6.56e-02	0.36	17.32	2.26	0.60	-1.67	-0.59	-0.49	1.13
6	4	385	14.26	-1.18	-0.65	13.74	2.80	3.96e-02	-2.09	-0.90	-1.15	1.06
6	4	386	11.54	-2.16	-1.56	10.94	2.81	-0.51	-2.48	-1.20	-1.79	0.94
6	4	387	9.36	-2.90	-2.34	8.81	2.55	-1.00	-2.80	-1.46	-2.34	0.79
6	4	388	7.65	-3.37	-2.94	7.23	2.13	-1.38	-3.03	-1.65	-2.76	0.61
6	4	389	6.39	-3.61	-3.34	6.11	1.64	-1.65	-3.17	-1.77	-3.05	0.41
6	4	390	5.55	-3.64	-3.51	5.41	1.11	-1.80	-3.24	-1.84	-3.21	0.21
6	4	391	5.13	-3.49	-3.45	5.09	0.57	-1.83	-3.24	-1.83	-3.24	1.02e-02
6	4	392	5.14	-3.15	-3.15	5.14	6.64e-02	-1.74	-3.17	-1.77	-3.15	-0.19
6	4	393	5.58	-2.62	-2.60	5.56	-0.38	-1.54	-3.03	-1.64	-2.93	-0.37
6	4	394	6.42	-1.86	-1.80	6.35	-0.74	-1.23	-2.80	-1.45	-2.59	-0.54
6	4	395	7.65	-0.84	-0.73	7.54	-0.97	-0.84	-2.50	-1.19	-2.15	-0.67
6	4	396	9.30	0.49	0.61	9.18	-1.03	-0.38	-2.10	-0.88	-1.61	-0.78
6	4	397	11.40	2.16	2.24	11.32	-0.88	0.13	-1.62	-0.51	-0.99	-0.84
6	4	398	14.07	4.12	4.14	14.05	-0.44	0.66	-1.06	-9.25e-02	-0.31	-0.85
6	4	399	17.49	6.29	6.30	17.47	0.46	1.17	-0.44	0.36	0.37	-0.80
6	4	400	22.01	8.44	8.79	21.67	2.13	1.57	0.20	0.82	0.95	-0.68
6	4	401	27.60	10.75	12.60	25.75	5.27	1.57	0.54	1.15	0.96	-0.51
6	4	402	26.04	9.87	13.07	22.84	6.44	1.02	-3.67e-02	0.91	7.35e-02	-0.32
6	4	403	20.30	8.81	10.09	19.01	3.63	0.65	-0.72	0.50	-0.57	-0.43
6	4	404	16.13	6.69	7.03	15.79	1.76	0.23	-1.18	4.55e-02	-1.00	-0.48
6	4	405	13.02	4.30	4.35	12.98	0.59	-0.22	-1.66	-0.41	-1.46	-0.50
6	4	406	10.67	2.01	2.01	10.67	-8.05e-02	-0.65	-2.12	-0.83	-1.94	-0.49
6	4	407	8.85	-5.16e-03	1.37e-02	8.83	-0.41	-1.04	-2.54	-1.20	-2.39	-0.46
6	4	408	7.44	-1.68	-1.65	7.42	-0.48	-1.40	-2.90	-1.51	-2.79	-0.40
6	4	409	6.41	-3.00	-2.99	6.39	-0.37	-1.69	-3.20	-1.76	-3.13	-0.31
6	4	410	5.73	-4.01	-4.01	5.73	-0.11	-1.93	-3.42	-1.96	-3.39	-0.21
6	4	411	5.40	-4.72	-4.72	5.40	0.24	-2.09	-3.56	-2.09	-3.56	-9.84e-02
6	4	412	5.43	-5.17	-5.13	5.39	0.65	-2.16	-3.63	-2.16	-3.63	2.51e-02
6	4	413	5.82	-5.36	-5.25	5.72	1.09	-2.15	-3.63	-2.17	-3.61	0.15
6	4	414	6.57	-5.29	-5.09	6.38	1.50	-2.06	-3.54	-2.11	-3.49	0.28
6	4	415	7.69	-4.95	-4.67	7.41	1.85	-1.88	-3.38	-1.99	-3.27	0.40
6	4	416	9.16	-4.32	-4.00	8.83	2.07	-1.62	-3.15	-1.81	-2.96	0.50
6	4	417	11.01	-3.40	-3.10	10.70	2.07	-1.29	-2.84	-1.56	-2.56	0.59
6	4	418	13.24	-2.19	-2.00	13.04	1.70	-0.89	-2.46	-1.25	-2.10	0.66
6	4	419	15.85	-0.80	-0.77	15.82	0.74	-0.46	-2.02	-0.91	-1.57	0.71
6	4	420	19.22	-0.32	-0.25	19.15	-1.15	5.03e-02	-1.34	-0.55	-0.74	0.69
6	4	421	25.16	9.62	15.68	19.10	7.58	1.45	0.67	1.32	0.80	-0.29
6	4	422	19.76	7.55	10.29	17.02	5.09	1.18	0.60	0.94	0.83	-0.28
6	4	423	15.69	5.35	6.51	14.53	3.26	0.78	0.22	0.49	0.51	-0.28
6	4	424	12.71	2.91	3.34	12.28	2.00	0.39	-0.17	6.22e-02	0.16	-0.28
6	4	425	10.51	0.49	0.62	10.37	1.18	1.75e-02	-0.54	-0.33	-0.19	-0.27
6	4	426	8.86	-1.73	-1.69	8.82	0.68	-0.34	-0.86	-0.69	-0.52	-0.24
6	4	427	7.64	-3.63	-3.61	7.62	0.42	-0.68	-1.13	-0.99	-0.82	-0.21



6	4	428	6.77	-5.18	-5.17	6.76	0.35	-0.98	-1.34	-1.24	-1.08	-0.16
6	4	429	6.22	-6.38	-6.36	6.21	0.40	-1.24	-1.49	-1.44	-1.28	-9.85e-02
6	4	430	5.97	-7.23	-7.21	5.95	0.55	-1.42	-1.58	-1.57	-1.42	-3.26e-02
6	4	431	6.02	-7.76	-7.72	5.98	0.75	-1.48	-1.66	-1.65	-1.49	3.82e-02
6	4	432	6.37	-7.96	-7.89	6.31	0.96	-1.43	-1.71	-1.66	-1.48	0.11
6	4	433	7.01	-7.84	-7.75	6.92	1.13	-1.29	-1.71	-1.61	-1.40	0.18
6	4	434	7.95	-7.40	-7.30	7.85	1.23	-1.09	-1.65	-1.50	-1.24	0.25
6	4	435	9.18	-6.64	-6.55	9.09	1.18	-0.82	-1.52	-1.33	-1.01	0.31
6	4	436	10.71	-5.56	-5.51	10.66	0.90	-0.51	-1.33	-1.11	-0.73	0.37
6	4	437	12.54	-4.17	-4.17	12.54	0.26	-0.16	-1.10	-0.85	-0.40	0.41
6	4	438	14.66	-2.46	-2.42	14.61	-0.92	0.19	-0.85	-0.59	-6.99e-02	0.45
6	4	439	16.81	0.65	1.15	16.31	-2.80	0.36	-0.72	-0.37	9.14e-03	0.51
6	4	440	15.53	-2.44	-1.55	14.64	-3.90	-0.32	-0.76	-0.51	-0.57	0.22
6	4	441	13.12	-3.17	-2.88	12.84	-2.14	-0.69	-1.27	-0.84	-1.13	0.25
6	4	442	11.36	-4.86	-4.81	11.31	-0.90	-1.01	-1.57	-1.15	-1.43	0.24
6	4	443	9.84	-6.35	-6.35	9.84	-8.01e-02	-1.30	-1.80	-1.43	-1.67	0.22
6	4	444	8.57	-7.55	-7.54	8.56	0.41	-1.53	-1.98	-1.64	-1.87	0.19
6	4	445	7.53	-8.40	-8.37	7.50	0.67	-1.72	-2.11	-1.80	-2.03	0.16
6	4	446	6.73	-8.90	-8.86	6.70	0.78	-1.85	-2.19	-1.90	-2.14	0.12
6	4	447	6.18	-9.05	-9.01	6.14	0.80	-1.92	-2.22	-1.94	-2.19	8.48e-02
6	4	448	5.87	-8.83	-8.79	5.83	0.77	-1.92	-2.21	-1.93	-2.20	4.77e-02
6	4	449	5.81	-8.25	-8.21	5.77	0.75	-1.86	-2.15	-1.86	-2.15	1.14e-02
6	4	450	6.00	-7.29	-7.25	5.96	0.77	-1.73	-2.06	-1.73	-2.06	-2.31e-02
6	4	451	6.47	-5.96	-5.90	6.40	0.87	-1.54	-1.92	-1.55	-1.91	-5.49e-02
6	4	452	7.22	-4.27	-4.16	7.12	1.10	-1.29	-1.75	-1.31	-1.73	-8.32e-02
6	4	453	8.32	-2.23	-2.02	8.10	1.49	-1.00	-1.54	-1.02	-1.52	-0.11
6	4	454	9.86	6.65e-02	0.55	9.38	2.11	-0.66	-1.30	-0.68	-1.28	-0.13
6	4	455	12.02	2.47	3.56	10.94	3.03	-0.27	-1.04	-0.29	-1.02	-0.14
6	4	456	15.05	4.74	7.05	12.74	4.30	0.17	-0.77	0.14	-0.74	-0.14
6	4	457	19.16	6.60	11.04	14.72	6.01	0.61	-0.47	0.60	-0.45	-0.13
6	4	458	24.35	7.81	14.93	17.24	8.19	1.05	0.12	1.04	0.13	-8.78e-02
6	4	459	13.94	-1.42	0.27	12.25	-4.81	0.32	-0.34	-0.29	0.27	0.18
6	4	460	12.23	-4.65	-4.04	11.62	-3.15	0.39	-0.52	-0.50	0.36	0.15
6	4	461	10.71	-6.57	-6.36	10.51	-1.88	0.24	-0.74	-0.72	0.22	0.14
6	4	462	9.45	-8.19	-8.13	9.40	-0.96	7.81e-02	-0.96	-0.94	6.14e-02	0.13
6	4	463	8.38	-9.48	-9.47	8.38	-0.31	-5.34e-02	-1.14	-1.13	-6.63e-02	0.12
6	4	464	7.51	-10.41	-10.41	7.51	0.12	-0.15	-1.28	-1.27	-0.16	0.10
6	4	465	6.84	-10.96	-10.95	6.83	0.41	-0.22	-1.37	-1.36	-0.23	8.67e-02
6	4	466	6.36	-11.13	-11.11	6.34	0.60	-0.26	-1.40	-1.40	-0.26	6.95e-02
6	4	467	6.09	-10.90	-10.87	6.06	0.75	-0.26	-1.39	-1.38	-0.26	5.18e-02
6	4	468	6.03	-10.28	-10.23	5.98	0.89	-0.23	-1.32	-1.32	-0.23	3.42e-02
6	4	469	6.18	-9.25	-9.18	6.11	1.06	-0.17	-1.20	-1.20	-0.17	1.70e-02
6	4	470	6.57	-7.84	-7.72	6.45	1.30	-7.96e-02	-1.03	-1.03	-7.96e-02	3.31e-04
6	4	471	7.23	-6.04	-5.83	7.02	1.65	3.92e-02	-0.81	-0.81	3.89e-02	-1.53e-02
6	4	472	8.22	-3.90	-3.51	7.82	2.16	0.18	-0.54	-0.53	0.18	-2.96e-02
6	4	473	9.64	-1.52	-0.73	8.85	2.86	0.36	-0.22	-0.21	0.35	-4.20e-02
6	4	474	11.69	0.93	2.52	10.10	3.82	0.55	0.15	0.15	0.54	-5.20e-02
6	4	475	14.64	3.19	6.30	11.53	5.09	0.77	0.54	0.56	0.75	-6.01e-02
6	4	476	18.72	5.10	10.73	13.09	6.71	1.04	0.90	0.99	0.95	-7.12e-02
6	4	477	24.31	6.69	16.75	14.25	8.72	1.36	0.78	1.34	0.80	-0.10
6	4	478	12.85	-4.18	-2.26	10.93	-5.39	-0.43	-0.52	-0.48	-0.47	4.79e-02
6	4	479	10.91	-5.08	-4.08	9.92	-3.87	-0.72	-0.91	-0.76	-0.87	7.76e-02
6	4	480	9.57	-6.90	-6.47	9.14	-2.63	-0.96	-1.13	-1.05	-1.03	8.31e-02
6	4	481	8.46	-8.56	-8.39	8.30	-1.66	-1.12	-1.34	-1.30	-1.16	8.26e-02
6	4	482	7.55	-9.90	-9.85	7.50	-0.92	-1.24	-1.52	-1.50	-1.26	7.94e-02
6	4	483	6.81	-10.88	-10.87	6.81	-0.35	-1.32	-1.65	-1.64	-1.34	7.44e-02
6	4	484	6.24	-11.46	-11.46	6.24	7.55e-02	-1.38	-1.74	-1.72	-1.39	6.81e-02
6	4	485	5.83	-11.65	-11.64	5.82	0.41	-1.41	-1.77	-1.76	-1.42	6.08e-02
6	4	486	5.59	-11.42	-11.39	5.57	0.70	-1.41	-1.75	-1.75	-1.42	5.30e-02
6	4	487	5.54	-10.78	-10.72	5.48	0.97	-1.38	-1.69	-1.68	-1.39	4.47e-02
6	4	488	5.67	-9.73	-9.62	5.56	1.27	-1.34	-1.57	-1.57	-1.34	3.62e-02
6	4	489	6.01	-8.27	-8.08	5.83	1.62	-1.26	-1.41	-1.40	-1.27	2.78e-02
6	4	490	6.61	-6.43	-6.09	6.28	2.07	-1.16	-1.20	-1.18	-1.17	1.96e-02
6	4	491	7.54	-4.28	-3.65	6.91	2.65	-0.92	-1.05	-0.92	-1.05	1.20e-02
6	4	492	8.93	-1.93	-0.73	7.73	3.41	-0.60	-0.91	-0.60	-0.91	5.35e-03
6	4	493	11.02	0.38	2.69	8.72	4.39	-0.23	-0.75	-0.23	-0.75	3.46e-03
6	4	494	14.09	2.40	6.63	9.85	5.62	0.19	-0.57	0.19	-0.57	-2.66e-05
6	4	495	18.22	3.96	11.08	11.10	7.13	0.63	-0.37	0.63	-0.37	1.81e-03
6	4	496	23.15	5.09	15.35	12.90	8.95	1.06	0.15	1.06	0.15	2.85e-02
6	4	497	11.74	-3.00	-0.19	8.94	-5.79	0.35	-0.26	-0.25	0.34	6.99e-02
6	4	498	10.12	-6.17	-4.89	8.84	-4.38	0.50	-0.46	-0.46	0.49	5.26e-02
6	4	499	8.90	-8.18	-7.57	8.29	-3.18	0.42	-0.67	-0.66	0.41	5.33e-02
6	4	500	7.96	-9.92	-9.65	7.68	-2.19	0.33	-0.88	-0.87	0.32	5.56e-02
6	4	501	7.18	-11.33	-11.22	7.08	-1.39	0.25	-1.05	-1.05	0.25	5.71e-02
6	4	502	6.56	-12.36	-12.33	6.53	-0.74	0.19	-1.18	-1.18	0.19	5.74e-02
6	4	503	6.08	-12.99	-12.99	6.08	-0.21	0.16	-1.27	-1.27	0.15	5.66e-02
6	4	504	5.73	-13.20	-13.19	5.73	0.23	0.14	-1.30	-1.30	0.14	5.48e-02



6	4	505	5.53	-12.98	-12.96	5.51	0.62	0.14	-1.29	-1.29	0.14	5.24e-02
6	4	506	5.48	-12.33	-12.27	5.42	0.99	0.16	-1.23	-1.22	0.16	4.94e-02
6	4	507	5.58	-11.25	-11.14	5.47	1.38	0.20	-1.11	-1.11	0.19	4.60e-02
6	4	508	5.87	-9.76	-9.55	5.66	1.81	0.25	-0.95	-0.95	0.25	4.25e-02
6	4	509	6.39	-7.88	-7.49	6.00	2.33	0.33	-0.74	-0.74	0.33	3.89e-02
6	4	510	7.21	-5.67	-4.95	6.48	2.96	0.43	-0.48	-0.48	0.43	3.56e-02
6	4	511	8.46	-3.27	-1.92	7.11	3.75	0.54	-0.18	-0.17	0.54	3.27e-02
6	4	512	10.41	-0.91	1.63	7.87	4.72	0.67	0.18	0.18	0.67	3.02e-02
6	4	513	13.35	1.13	5.73	8.75	5.92	0.83	0.57	0.57	0.82	2.72e-02
6	4	514	17.48	2.71	10.47	9.73	7.38	1.00	0.95	0.99	0.97	1.95e-02
6	4	515	23.20	3.87	16.76	10.32	9.11	1.32	0.77	1.32	0.77	-7.70e-03
6	4	516	10.65	-5.30	-2.58	7.92	-6.00	-0.45	-0.48	-0.46	-0.47	-1.71e-02
6	4	517	8.94	-6.28	-4.64	7.30	-4.72	-0.73	-0.85	-0.73	-0.84	1.54e-02
6	4	518	7.79	-8.16	-7.31	6.94	-3.59	-0.97	-1.04	-1.03	-0.99	2.73e-02
6	4	519	6.92	-9.89	-9.47	6.50	-2.61	-1.09	-1.29	-1.28	-1.09	3.49e-02
6	4	520	6.23	-11.32	-11.14	6.05	-1.77	-1.18	-1.48	-1.47	-1.18	4.04e-02
6	4	521	5.70	-12.37	-12.31	5.63	-1.06	-1.24	-1.62	-1.61	-1.25	4.46e-02
6	4	522	5.29	-13.03	-13.02	5.28	-0.46	-1.28	-1.70	-1.70	-1.29	4.78e-02
6	4	523	5.00	-13.26	-13.26	5.00	6.98e-02	-1.31	-1.74	-1.74	-1.31	5.00e-02
6	4	524	4.83	-13.06	-13.04	4.81	0.54	-1.31	-1.73	-1.72	-1.31	5.14e-02
6	4	525	4.78	-12.43	-12.37	4.73	1.00	-1.28	-1.67	-1.66	-1.29	5.23e-02
6	4	526	4.88	-11.36	-11.23	4.75	1.46	-1.24	-1.56	-1.55	-1.25	5.28e-02
6	4	527	5.14	-9.88	-9.62	4.88	1.96	-1.17	-1.40	-1.39	-1.19	5.30e-02
6	4	528	5.62	-8.01	-7.53	5.13	2.52	-1.07	-1.20	-1.17	-1.10	5.30e-02
6	4	529	6.39	-5.84	-4.95	5.49	3.19	-0.89	-1.02	-0.91	-1.00	5.31e-02
6	4	530	7.63	-3.53	-1.85	5.96	3.98	-0.59	-0.89	-0.60	-0.88	5.35e-02
6	4	531	9.63	-1.34	1.77	6.53	4.94	-0.23	-0.74	-0.23	-0.73	5.46e-02
6	4	532	12.68	0.44	5.93	7.19	6.09	0.19	-0.58	0.19	-0.57	5.75e-02
6	4	533	16.84	1.70	10.61	7.93	7.45	0.63	-0.39	0.62	-0.39	6.62e-02
6	4	534	21.67	2.63	15.07	9.22	9.06	1.06	0.11	1.05	0.12	9.37e-02
6	4	535	9.92	-3.91	-0.22	6.23	-6.12	0.29	-0.24	-0.24	0.29	-3.15e-03
6	4	536	8.22	-7.01	-5.19	6.40	-4.95	0.41	-0.46	-0.46	0.41	-1.25e-02
6	4	537	7.13	-9.05	-8.06	6.15	-3.87	0.31	-0.68	-0.68	0.31	-3.95e-03
6	4	538	6.35	-10.83	-10.33	5.85	-2.90	0.20	-0.90	-0.90	0.20	6.76e-03
6	4	539	5.76	-12.31	-12.07	5.52	-2.05	0.10	-1.08	-1.08	0.10	1.72e-02
6	4	540	5.31	-13.41	-13.31	5.22	-1.30	2.99e-02	-1.22	-1.22	2.93e-02	2.68e-02
6	4	541	4.97	-14.10	-14.07	4.95	-0.64	-1.91e-02	-1.31	-1.31	-2.00e-02	3.56e-02
6	4	542	4.73	-14.36	-14.36	4.73	-5.58e-02	-4.40e-02	-1.35	-1.35	-4.55e-02	4.35e-02
6	4	543	4.60	-14.19	-14.17	4.58	0.48	-4.49e-02	-1.34	-1.34	-4.69e-02	5.07e-02
6	4	544	4.56	-13.58	-13.52	4.51	1.00	-2.18e-02	-1.28	-1.28	-2.44e-02	5.71e-02
6	4	545	4.65	-12.53	-12.39	4.51	1.52	2.51e-02	-1.17	-1.16	2.17e-02	6.30e-02
6	4	546	4.87	-11.06	-10.79	4.60	2.06	9.51e-02	-1.00	-1.00	9.09e-02	6.82e-02
6	4	547	5.28	-9.20	-8.69	4.77	2.66	0.19	-0.79	-0.78	0.18	7.29e-02
6	4	548	5.95	-7.02	-6.10	5.02	3.34	0.30	-0.53	-0.52	0.30	7.72e-02
6	4	549	7.05	-4.68	-2.98	5.35	4.13	0.44	-0.22	-0.21	0.43	8.11e-02
6	4	550	8.87	-2.43	0.68	5.75	5.05	0.60	0.14	0.15	0.58	8.47e-02
6	4	551	11.75	-0.62	4.91	6.22	6.15	0.78	0.52	0.55	0.75	8.73e-02
6	4	552	15.87	0.68	9.81	6.74	7.44	1.03	0.85	0.97	0.91	8.56e-02
6	4	553	21.70	1.46	16.28	6.88	8.96	1.32	0.71	1.31	0.72	6.71e-02
6	4	554	8.83	-5.94	-2.61	5.50	-6.17	-0.36	-0.62	-0.44	-0.54	-0.12
6	4	555	7.20	-6.89	-4.71	5.03	-5.09	-0.72	-1.02	-0.74	-0.99	-8.11e-02
6	4	556	6.09	-8.73	-7.51	4.87	-4.07	-1.04	-1.23	-1.06	-1.21	-6.07e-02
6	4	557	5.31	-10.46	-9.81	4.66	-3.13	-1.31	-1.40	-1.33	-1.38	-4.15e-02
6	4	558	4.75	-11.91	-11.60	4.44	-2.27	-1.50	-1.56	-1.54	-1.52	-2.24e-02
6	4	559	4.35	-13.01	-12.88	4.22	-1.49	-1.62	-1.70	-1.70	-1.62	-3.43e-03
6	4	560	4.06	-13.71	-13.68	4.02	-0.79	-1.70	-1.80	-1.80	-1.70	1.52e-02
6	4	561	3.87	-14.00	-14.00	3.86	-0.14	-1.73	-1.85	-1.84	-1.74	3.34e-02
6	4	562	3.76	-13.86	-13.85	3.75	0.46	-1.72	-1.86	-1.83	-1.74	5.08e-02
6	4	563	3.75	-13.30	-13.23	3.69	1.03	-1.67	-1.82	-1.77	-1.72	6.73e-02
6	4	564	3.84	-12.30	-12.14	3.68	1.60	-1.57	-1.74	-1.65	-1.65	8.25e-02
6	4	565	4.07	-10.90	-10.58	3.74	2.19	-1.42	-1.62	-1.48	-1.56	9.62e-02
6	4	566	4.46	-9.13	-8.52	3.85	2.81	-1.21	-1.49	-1.26	-1.44	0.11
6	4	567	5.12	-7.06	-5.95	4.02	3.49	-0.94	-1.33	-0.98	-1.29	0.12
6	4	568	6.24	-4.86	-2.87	4.24	4.26	-0.63	-1.15	-0.66	-1.11	0.13
6	4	569	8.11	-2.82	0.77	4.51	5.14	-0.25	-0.95	-0.28	-0.92	0.13
6	4	570	11.05	-1.25	4.99	4.81	6.15	0.17	-0.74	0.15	-0.71	0.14
6	4	571	15.12	-0.22	9.75	5.15	7.32	0.62	-0.50	0.60	-0.49	0.15
6	4	572	19.82	0.53	14.33	6.02	8.70	1.06	2.88e-02	1.03	5.64e-02	0.17
6	4	573	8.49	-4.34	0.12	4.02	-6.11	0.20	-0.33	-0.25	0.13	-0.19
6	4	574	6.55	-7.32	-5.04	4.27	-5.14	0.20	-0.54	-0.49	0.16	-0.18
6	4	575	5.45	-9.29	-7.99	4.15	-4.18	-1.38e-02	-0.77	-0.74	-4.64e-02	-0.15
6	4	576	4.72	-11.04	-10.33	4.02	-3.26	-0.24	-1.00	-0.98	-0.26	-0.12
6	4	577	4.22	-12.50	-12.15	3.87	-2.40	-0.43	-1.20	-1.19	-0.45	-9.07e-02
6	4	578	3.87	-13.61	-13.46	3.72	-1.61	-0.59	-1.36	-1.35	-0.59	-5.59e-02
6	4	579	3.63	-14.33	-14.29	3.59	-0.88	-0.69	-1.46	-1.46	-0.69	-2.00e-02
6	4	580	3.48	-14.65	-14.65	3.48	-0.19	-0.75	-1.51	-1.51	-0.75	1.63e-02
6	4	581	3.41	-14.55	-14.54	3.40	0.45	-0.75	-1.51	-1.50	-0.76	5.22e-02



6	4	582	3.42	-14.03	-13.97	3.35	1.08	-0.71	-1.45	-1.44	-0.72	8.65e-02
6	4	583	3.52	-13.10	-12.93	3.35	1.69	-0.62	-1.34	-1.32	-0.64	0.12
6	4	584	3.73	-11.77	-11.42	3.38	2.31	-0.48	-1.18	-1.14	-0.51	0.15
6	4	585	4.10	-10.07	-9.43	3.45	2.95	-0.30	-0.96	-0.91	-0.35	0.17
6	4	586	4.69	-8.07	-6.94	3.56	3.63	-9.16e-02	-0.70	-0.63	-0.16	0.19
6	4	587	5.68	-5.90	-3.92	3.70	4.36	0.15	-0.39	-0.30	6.22e-02	0.20
6	4	588	7.34	-3.83	-0.35	3.85	5.18	0.43	-4.49e-02	8.43e-02	0.30	0.21
6	4	589	10.01	-2.17	3.82	4.02	6.09	0.75	0.32	0.50	0.56	0.21
6	4	590	13.93	-1.05	8.69	4.19	7.14	1.08	0.64	0.94	0.79	0.21
6	4	591	19.67	-0.52	15.21	3.94	8.38	1.33	0.59	1.28	0.64	0.18
6	4	592	7.34	-6.21	-2.44	3.57	-6.07	-0.16	-0.93	-0.43	-0.66	-0.37
6	4	593	5.70	-7.08	-4.44	3.05	-5.18	-0.60	-1.44	-0.76	-1.28	-0.33
6	4	594	4.52	-8.78	-7.23	2.96	-4.27	-0.98	-1.76	-1.11	-1.63	-0.30
6	4	595	3.73	-10.40	-9.54	2.87	-3.38	-1.31	-2.03	-1.41	-1.92	-0.25
6	4	596	3.21	-11.78	-11.34	2.77	-2.53	-1.58	-2.24	-1.65	-2.17	-0.20
6	4	597	2.87	-12.84	-12.65	2.68	-1.72	-1.79	-2.40	-1.82	-2.37	-0.14
6	4	598	2.64	-13.54	-13.49	2.59	-0.94	-1.93	-2.52	-1.94	-2.51	-7.38e-02
6	4	599	2.52	-13.86	-13.86	2.52	-0.21	-2.00	-2.59	-2.00	-2.59	-8.78e-03
6	4	600	2.48	-13.80	-13.79	2.46	0.50	-1.99	-2.61	-1.99	-2.61	5.61e-02
6	4	601	2.53	-13.36	-13.27	2.44	1.18	-1.91	-2.58	-1.93	-2.56	0.12
6	4	602	2.67	-12.54	-12.31	2.44	1.85	-1.76	-2.50	-1.81	-2.45	0.18
6	4	603	2.92	-11.35	-10.89	2.47	2.51	-1.56	-2.36	-1.63	-2.29	0.23
6	4	604	3.34	-9.82	-9.00	2.52	3.18	-1.30	-2.17	-1.39	-2.08	0.27
6	4	605	4.00	-8.03	-6.63	2.60	3.86	-0.99	-1.94	-1.10	-1.83	0.30
6	4	606	5.05	-6.12	-3.75	2.68	4.57	-0.65	-1.67	-0.76	-1.55	0.32
6	4	607	6.76	-4.31	-0.33	2.77	5.31	-0.26	-1.36	-0.37	-1.25	0.33
6	4	608	9.39	-2.86	3.68	2.85	6.11	0.17	-1.05	7.54e-02	-0.95	0.33
6	4	609	13.07	-1.88	8.27	2.91	6.98	0.61	-0.72	0.53	-0.65	0.31
6	4	610	17.33	-1.14	12.77	3.42	7.97	1.03	-0.12	0.95	-4.63e-02	0.29
6	4	611	7.16	-4.43	0.47	2.26	-5.72	0.43	-0.76	-0.25	-8.24e-02	-0.59
6	4	612	4.95	-7.20	-4.68	2.43	-4.93	0.23	-0.93	-0.51	-0.18	-0.56
6	4	613	3.79	-9.02	-7.54	2.32	-4.09	-0.15	-1.18	-0.78	-0.55	-0.50
6	4	614	3.07	-10.62	-9.79	2.24	-3.26	-0.55	-1.43	-1.05	-0.93	-0.44
6	4	615	2.60	-11.96	-11.54	2.18	-2.45	-0.92	-1.63	-1.29	-1.26	-0.35
6	4	616	2.30	-12.99	-12.81	2.11	-1.66	-1.24	-1.76	-1.47	-1.53	-0.26
6	4	617	2.11	-13.68	-13.63	2.06	-0.91	-1.49	-1.82	-1.59	-1.71	-0.15
6	4	618	2.02	-14.02	-14.01	2.01	-0.18	-1.64	-1.83	-1.65	-1.82	-4.48e-02
6	4	619	2.00	-13.99	-13.97	1.99	0.52	-1.63	-1.86	-1.65	-1.84	6.38e-02
6	4	620	2.07	-13.61	-13.52	1.98	1.20	-1.49	-1.87	-1.59	-1.77	0.17
6	4	621	2.23	-12.87	-12.64	2.00	1.87	-1.27	-1.82	-1.47	-1.63	0.26
6	4	622	2.50	-11.80	-11.33	2.03	2.53	-0.99	-1.70	-1.29	-1.41	0.35
6	4	623	2.90	-10.40	-9.59	2.09	3.19	-0.67	-1.51	-1.05	-1.13	0.42
6	4	624	3.51	-8.74	-7.38	2.15	3.85	-0.31	-1.25	-0.75	-0.81	0.47
6	4	625	4.46	-6.92	-4.69	2.22	4.52	6.75e-02	-0.92	-0.41	-0.44	0.49
6	4	626	5.93	-5.13	-1.48	2.29	5.20	0.46	-0.54	-2.31e-02	-6.44e-02	0.50
6	4	627	8.21	-3.58	2.30	2.33	5.89	0.84	-0.13	0.40	0.31	0.48
6	4	628	11.53	-2.42	6.78	2.33	6.61	1.18	0.29	0.83	0.64	0.44
6	4	629	16.60	-1.88	12.89	1.83	7.40	1.34	0.39	1.16	0.56	0.36
6	4	630	5.71	-6.01	-2.33	2.03	-5.44	0.26	-1.40	-0.41	-0.73	-0.82
6	4	631	4.10	-6.91	-4.19	1.39	-4.75	-0.20	-1.96	-0.71	-1.44	-0.80
6	4	632	2.91	-8.42	-6.78	1.27	-3.99	-0.60	-2.30	-1.03	-1.87	-0.74
6	4	633	2.12	-9.86	-8.93	1.20	-3.20	-0.97	-2.56	-1.30	-2.23	-0.65
6	4	634	1.63	-11.08	-10.61	1.15	-2.42	-1.29	-2.75	-1.51	-2.52	-0.53
6	4	635	1.32	-12.04	-11.83	1.11	-1.64	-1.54	-2.87	-1.67	-2.75	-0.39
6	4	636	1.14	-12.69	-12.64	1.08	-0.88	-1.72	-2.95	-1.77	-2.90	-0.24
6	4	637	1.06	-13.03	-13.03	1.06	-0.14	-1.82	-3.00	-1.83	-2.99	-8.34e-02
6	4	638	1.08	-13.04	-13.01	1.06	0.58	-1.83	-3.01	-1.83	-3.01	7.34e-02
6	4	639	1.18	-12.72	-12.60	1.06	1.29	-1.74	-3.00	-1.78	-2.96	0.22
6	4	640	1.38	-12.09	-11.79	1.09	1.98	-1.58	-2.95	-1.69	-2.85	0.36
6	4	641	1.70	-11.16	-10.58	1.13	2.67	-1.36	-2.85	-1.54	-2.67	0.49
6	4	642	2.18	-9.97	-8.96	1.18	3.35	-1.09	-2.69	-1.34	-2.44	0.59
6	4	643	2.89	-8.56	-6.91	1.24	4.02	-0.78	-2.47	-1.10	-2.16	0.66
6	4	644	3.93	-7.04	-4.42	1.31	4.68	-0.45	-2.19	-0.80	-1.84	0.70
6	4	645	5.47	-5.56	-1.46	1.37	5.33	-0.10	-1.84	-0.46	-1.49	0.70
6	4	646	7.68	-4.25	2.01	1.43	5.96	0.25	-1.45	-6.42e-02	-1.13	0.67
6	4	647	10.61	-3.18	5.96	1.47	6.52	0.59	-1.04	0.34	-0.79	0.59
6	4	648	13.86	-2.17	9.85	1.84	6.94	0.88	-0.41	0.68	-0.20	0.47
6	4	649	4.72	-4.06	-0.29	0.95	-4.35	1.10	-1.29	-0.13	-5.55e-02	-1.19
6	4	650	2.77	-6.47	-4.60	0.89	-3.72	0.84	-1.39	-0.35	-0.20	-1.11
6	4	651	1.78	-8.14	-7.07	0.72	-3.07	0.42	-1.56	-0.55	-0.58	-0.99
6	4	652	1.21	-9.63	-9.04	0.63	-2.44	1.93e-02	-1.69	-0.75	-0.92	-0.85
6	4	653	0.87	-10.88	-10.59	0.58	-1.83	-0.35	-1.74	-0.91	-1.17	-0.68
6	4	654	0.67	-11.86	-11.73	0.55	-1.24	-0.67	-1.73	-1.04	-1.36	-0.50
6	4	655	0.56	-12.52	-12.49	0.53	-0.65	-0.94	-1.66	-1.12	-1.49	-0.31
6	4	656	0.52	-12.87	-12.87	0.52	-8.19e-02	-1.13	-1.59	-1.16	-1.56	-0.11
6	4	657	0.55	-12.89	-12.88	0.53	0.48	-1.16	-1.59	-1.17	-1.57	7.99e-02
6	4	658	0.63	-12.60	-12.52	0.55	1.03	-1.00	-1.67	-1.14	-1.54	0.27



6	4	659	0.79	-11.99	-11.79	0.59	1.58	-0.78	-1.74	-1.07	-1.45	0.44
6	4	660	1.03	-11.08	-10.69	0.64	2.13	-0.51	-1.76	-0.96	-1.30	0.60
6	4	661	1.39	-9.90	-9.21	0.71	2.69	-0.20	-1.70	-0.81	-1.10	0.73
6	4	662	1.92	-8.50	-7.35	0.78	3.25	0.12	-1.57	-0.61	-0.84	0.84
6	4	663	2.74	-6.97	-5.10	0.87	3.82	0.45	-1.35	-0.37	-0.53	0.90
6	4	664	3.98	-5.45	-2.44	0.96	4.40	0.79	-1.04	-8.81e-02	-0.17	0.91
6	4	665	5.84	-4.12	0.66	1.07	4.98	1.10	-0.65	0.23	0.22	0.87
6	4	666	8.48	-3.03	4.25	1.20	5.54	1.35	-0.19	0.57	0.59	0.77
6	4	667	12.24	-2.24	8.97	1.02	6.05	1.28	7.53e-02	0.81	0.54	0.59
6	4	668	2.78	-4.68	-2.60	0.70	-3.35	0.94	-1.40	-0.31	-0.16	-1.17
6	4	669	1.39	-5.92	-4.64	0.11	-2.78	1.01	-1.30	-0.13	-0.15	-1.16
6	4	670	0.67	-7.59	-6.90	-1.36e-02	-2.28	1.02	-1.09	-0.13	7.04e-02	-1.05
6	4	671	0.29	-9.13	-8.78	-6.11e-02	-1.80	0.95	-0.90	-0.18	0.22	-0.91
6	4	672	9.01e-02	-10.43	-10.26	-8.14e-02	-1.33	0.83	-0.74	-0.22	0.31	-0.74
6	4	673	-2.22e-02	-11.43	-11.36	-9.12e-02	-0.88	0.67	-0.59	-0.26	0.35	-0.55
6	4	674	-7.69e-02	-12.10	-12.08	-9.37e-02	-0.45	0.50	-0.45	-0.30	0.35	-0.35
6	4	675	-8.94e-02	-12.45	-12.45	-8.95e-02	-2.40e-02	0.34	-0.36	-0.33	0.31	-0.14
6	4	676	-6.56e-02	-12.46	-12.45	-7.83e-02	0.40	0.26	-0.36	-0.35	0.26	6.26e-02
6	4	677	-4.91e-03	-12.15	-12.10	-6.01e-02	0.82	0.29	-0.47	-0.37	0.19	0.26
6	4	678	0.10	-11.52	-11.39	-3.49e-02	1.25	0.38	-0.64	-0.37	0.10	0.45
6	4	679	0.27	-10.59	-10.33	-2.80e-03	1.69	0.49	-0.83	-0.36	1.65e-02	0.63
6	4	680	0.53	-9.39	-8.90	3.55e-02	2.15	0.59	-0.99	-0.33	-7.50e-02	0.78
6	4	681	0.94	-7.98	-7.12	7.94e-02	2.64	0.67	-1.13	-0.28	-0.17	0.90
6	4	682	1.64	-6.48	-4.96	0.13	3.16	0.73	-1.22	-0.22	-0.26	0.98
6	4	683	2.81	-5.07	-2.44	0.18	3.71	0.76	-1.26	-0.14	-0.35	1.00
6	4	684	4.66	-3.94	0.47	0.25	4.30	0.74	-1.24	-4.30e-02	-0.45	0.97
6	4	685	7.22	-3.13	3.70	0.38	4.90	0.65	-1.14	4.35e-02	-0.53	0.85
6	4	686	10.19	-2.25	6.90	1.03	5.48	0.48	-0.76	3.65e-03	-0.28	0.60
6	4	687	0.12	-3.40	-3.16	-0.12	-0.89	1.96	-5.89e-02	0.38	1.52	-0.84
6	4	688	-0.21	-5.60	-5.56	-0.25	-0.47	3.06	0.58	0.80	2.84	-0.70
6	4	689	-0.32	-7.64	-7.63	-0.33	-0.27	3.86	0.87	1.04	3.70	-0.69
6	4	690	-0.35	-9.35	-9.34	-0.35	-0.17	4.44	1.07	1.19	4.32	-0.65
6	4	691	-0.35	-10.71	-10.71	-0.35	-7.30e-02	4.82	1.20	1.29	4.73	-0.57
6	4	692	-0.35	-11.74	-11.74	-0.35	1.01e-02	5.03	1.28	1.34	4.98	-0.46
6	4	693	-0.35	-12.42	-12.42	-0.35	8.46e-02	5.11	1.32	1.35	5.08	-0.32
6	4	694	-0.33	-12.76	-12.76	-0.34	0.15	5.08	1.33	1.34	5.08	-0.17
6	4	695	-0.32	-12.76	-12.76	-0.32	0.22	4.97	1.30	1.30	4.97	-1.24e-02
6	4	696	-0.30	-12.42	-12.41	-0.31	0.29	4.78	1.24	1.25	4.78	0.15
6	4	697	-0.28	-11.74	-11.72	-0.30	0.36	4.54	1.15	1.18	4.51	0.30
6	4	698	-0.26	-10.72	-10.70	-0.28	0.45	4.24	1.03	1.09	4.17	0.44
6	4	699	-0.23	-9.37	-9.34	-0.26	0.56	3.88	0.88	0.99	3.77	0.56
6	4	700	-0.18	-7.70	-7.64	-0.25	0.70	3.48	0.71	0.88	3.31	0.65
6	4	701	-9.59e-02	-5.73	-5.60	-0.23	0.86	3.01	0.53	0.75	2.79	0.71
6	4	702	0.12	-3.55	-3.22	-0.21	1.06	2.50	0.34	0.61	2.22	0.72
6	4	703	0.97	-1.65	-0.51	-0.18	1.30	1.93	0.15	0.47	1.62	0.68
6	4	704	3.34	-0.92	2.53	-0.10	1.68	1.33	-5.16e-02	0.29	0.99	0.60
6	4	705	6.46	-1.02	5.62	-0.18	2.35	0.69	-0.53	1.35e-03	0.16	0.61
6	4	1017	32.54	8.80	9.38	31.96	-3.67	7.91e-02	-0.27	7.74e-02	-0.27	2.43e-02
6	4	1018	32.46	9.20	9.92	31.74	-4.01	0.67	-0.57	1.13e-02	8.73e-02	0.62
6	4	1019	23.96	8.97	9.14	23.78	-1.60	-7.46e-02	-1.23	-0.18	-1.12	0.33
6	4	1020	25.73	7.05	7.72	25.05	-3.49	0.62	-0.59	-1.90e-02	5.01e-02	0.61
6	4	1021	18.66	7.51	7.54	18.63	-0.59	-0.13	-1.70	-0.33	-1.50	0.51
6	4	1022	20.10	5.66	6.11	19.65	-2.51	0.64	-0.63	-6.03e-03	1.25e-02	0.64
6	4	1023	14.83	5.91	5.91	14.83	-3.06e-03	-0.27	-2.01	-0.50	-1.79	0.59
6	4	1024	15.81	4.61	4.86	15.57	-1.64	0.67	-0.67	-1.28e-03	4.14e-03	0.67
6	4	1025	11.98	4.48	4.49	11.96	0.33	-0.45	-2.25	-0.67	-2.03	0.59
6	4	1026	12.55	3.78	3.89	12.43	-0.99	0.66	-0.66	-9.22e-04	3.39e-03	0.66
6	4	1027	9.82	3.32	3.35	9.79	0.47	-0.63	-2.43	-0.81	-2.25	0.53
6	4	1028	10.09	3.11	3.15	10.05	-0.54	0.59	-0.59	-1.53e-03	3.89e-03	0.59
6	4	1029	8.22	2.45	2.49	8.18	0.47	-0.81	-2.54	-0.93	-2.43	0.44
6	4	1030	8.29	2.60	2.61	8.28	-0.27	0.48	-0.48	-2.17e-03	4.39e-03	0.48
6	4	1031	7.10	1.85	1.88	7.08	0.37	-0.95	-2.62	-1.01	-2.56	0.31
6	4	1032	7.07	2.23	2.24	7.06	-0.11	0.34	-0.34	-2.65e-03	4.73e-03	0.34
6	4	1033	6.44	1.51	1.52	6.43	0.20	-1.04	-2.66	-1.06	-2.64	0.16
6	4	1034	6.35	2.02	2.02	6.35	-3.48e-02	0.18	-0.17	-2.94e-03	4.92e-03	0.18
6	4	1035	6.22	1.40	1.40	6.22		-1.08	-2.67	-1.08	-2.67	
6	4	1036	6.12	1.94	1.94	6.12		4.97e-03	-3.03e-03	-3.03e-03	4.97e-03	
6	4	1037	6.44	1.51	1.52	6.43	-0.20	-1.04	-2.66	-1.06	-2.64	-0.16
6	4	1038	6.35	2.02	2.02	6.35	3.48e-02	0.18	-0.17	-2.94e-03	4.92e-03	-0.18
6	4	1039	7.10	1.85	1.88	7.08	-0.37	-0.95	-2.62	-1.01	-2.56	-0.31
6	4	1040	7.07	2.23	2.24	7.06	0.11	0.34	-0.34	-2.65e-03	4.73e-03	-0.34
6	4	1041	8.22	2.45	2.49	8.18	-0.47	-0.81	-2.54	-0.93	-2.43	-0.44
6	4	1042	8.29	2.60	2.61	8.28	0.27	0.48	-0.48	-2.17e-03	4.39e-03	-0.48
6	4	1043	9.82	3.32	3.35	9.79	-0.47	-0.63	-2.43	-0.81	-2.25	-0.53
6	4	1044	10.09	3.11	3.15	10.05	0.54	0.59	-0.59	-1.53e-03	3.89e-03	-0.59
6	4	1045	11.98	4.48	4.49	11.96	-0.33	-0.45	-2.25	-0.67	-2.03	-0.59
6	4	1046	12.55	3.78	3.89	12.43	0.99	0.66	-0.66	-9.22e-04	3.39e-03	-0.66



6	4	1047	14.83	5.91	5.91	14.83	3.06e-03	-0.27	-2.01	-0.50	-1.79	-0.59
6	4	1048	15.81	4.61	4.86	15.57	1.64	0.67	-0.67	-1.28e-03	4.14e-03	-0.67
6	4	1049	18.66	7.51	7.54	18.63	0.59	-0.13	-1.70	-0.33	-1.50	-0.51
6	4	1050	20.10	5.66	6.11	19.65	2.51	0.64	-0.63	-6.03e-03	1.25e-02	-0.64
6	4	1051	23.96	8.97	9.14	23.78	1.60	-7.46e-02	-1.23	-0.18	-1.12	-0.33
6	4	1052	25.73	7.05	7.72	25.05	3.49	0.62	-0.59	-1.90e-02	5.01e-02	-0.61
6	4	1053	32.54	8.80	9.38	31.96	3.67	7.91e-02	-0.27	7.74e-02	-0.27	-2.43e-02
6	4	1054	32.46	9.20	9.92	31.74	4.01	0.67	-0.57	1.13e-02	8.73e-02	-0.62
6	4	1055	28.58	9.56	12.36	25.79	-6.73	1.33	0.99	1.23	1.09	-0.15
6	4	1056	22.75	8.07	9.01	21.82	-3.58	1.29	0.97	0.98	1.28	4.61e-02
6	4	1057	18.06	6.48	6.78	17.76	-1.85	0.98	0.49	0.59	0.88	0.20
6	4	1058	14.55	4.79	4.87	14.48	-0.87	0.58	8.31e-03	0.22	0.37	0.28
6	4	1059	11.91	3.23	3.24	11.90	-0.30	0.18	-0.42	-0.12	-0.12	0.30
6	4	1060	9.92	1.89	1.89	9.92	8.77e-03	-0.18	-0.78	-0.40	-0.57	0.29
6	4	1061	8.46	0.85	0.85	8.46	0.14	-0.49	-1.06	-0.62	-0.93	0.24
6	4	1062	7.46	0.11	0.11	7.45	0.16	-0.72	-1.26	-0.78	-1.20	0.17
6	4	1063	6.86	-0.33	-0.33	6.86	9.76e-02	-0.86	-1.38	-0.88	-1.37	9.03e-02
6	4	1064	6.67	-0.47	-0.47	6.67		-0.91	-1.42	-0.91	-1.42	
6	4	1065	6.86	-0.33	-0.33	6.86	-9.76e-02	-0.86	-1.38	-0.88	-1.37	-9.03e-02
6	4	1066	7.46	0.11	0.11	7.45	-0.16	-0.72	-1.26	-0.78	-1.20	-0.17
6	4	1067	8.46	0.85	0.85	8.46	-0.14	-0.49	-1.06	-0.62	-0.93	-0.24
6	4	1068	9.92	1.89	1.89	9.92	-8.77e-03	-0.18	-0.78	-0.40	-0.57	-0.29
6	4	1069	11.91	3.23	3.24	11.90	0.30	0.18	-0.42	-0.12	-0.12	-0.30
6	4	1070	14.55	4.79	4.87	14.48	0.87	0.58	8.31e-03	0.22	0.37	-0.28
6	4	1071	18.06	6.48	6.78	17.76	1.85	0.98	0.49	0.59	0.88	-0.20
6	4	1072	22.75	8.07	9.01	21.82	3.58	1.29	0.97	0.98	1.28	-4.61e-02
6	4	1073	28.58	9.56	12.36	25.79	6.73	1.33	0.99	1.23	1.09	0.15
6	4	1074	27.18	8.91	13.27	22.82	7.78	0.94	0.22	0.91	0.25	0.15
6	4	1075	21.34	8.18	10.40	19.12	4.93	0.65	-0.22	0.65	-0.22	6.26e-02
6	4	1076	16.97	6.69	7.66	16.00	3.01	0.31	-0.44	0.31	-0.44	2.30e-03
6	4	1077	13.67	4.95	5.32	13.30	1.75	-4.30e-02	-0.71	-4.56e-02	-0.71	-4.20e-02
6	4	1078	11.21	3.22	3.34	11.10	0.95	-0.35	-1.00	-0.36	-0.99	-6.99e-02
6	4	1079	9.40	1.69	1.72	9.38	0.46	-0.61	-1.27	-0.62	-1.26	-8.07e-02
6	4	1080	8.10	0.46	0.47	8.09	0.18	-0.82	-1.49	-0.83	-1.48	-7.59e-02
6	4	1081	7.20	-0.43	-0.43	7.20	4.76e-02	-0.97	-1.66	-0.98	-1.66	-5.82e-02
6	4	1082	6.68	-0.97	-0.97	6.68	1.98e-03	-1.07	-1.76	-1.07	-1.76	-3.15e-02
6	4	1083	6.51	-1.14	-1.14	6.51		-1.10	-1.80	-1.10	-1.80	
6	4	1084	6.68	-0.97	-0.97	6.68	-1.98e-03	-1.07	-1.76	-1.07	-1.76	3.15e-02
6	4	1085	7.20	-0.43	-0.43	7.20	-4.76e-02	-0.97	-1.66	-0.98	-1.66	5.82e-02
6	4	1086	8.10	0.46	0.47	8.09	-0.18	-0.82	-1.49	-0.83	-1.48	7.59e-02
6	4	1087	9.40	1.69	1.72	9.38	-0.46	-0.61	-1.27	-0.62	-1.26	-8.07e-02
6	4	1088	11.21	3.22	3.34	11.10	-0.95	-0.35	-1.00	-0.36	-0.99	6.99e-02
6	4	1089	13.67	4.95	5.32	13.30	-1.75	-4.30e-02	-0.71	-4.56e-02	-0.71	4.20e-02
6	4	1090	16.97	6.69	7.66	16.00	-3.01	0.31	-0.44	0.31	-0.44	-2.30e-03
6	4	1091	21.34	8.18	10.40	19.12	-4.93	0.65	-0.22	0.65	-0.22	-6.26e-02
6	4	1092	27.18	8.91	13.27	22.82	-7.78	0.94	0.22	0.91	0.25	-0.15
6	4	1093	25.93	8.40	15.25	19.08	8.55	1.46	0.98	1.44	1.00	0.10
6	4	1094	20.69	7.01	10.62	17.08	6.03	1.32	1.12	1.18	1.27	8.63e-02
6	4	1095	16.51	5.42	7.26	14.67	4.13	1.15	0.80	0.82	1.14	6.63e-02
6	4	1096	13.37	3.65	4.52	12.49	2.78	1.00	0.49	0.50	1.00	4.55e-02
6	4	1097	11.04	1.86	2.24	10.66	1.83	0.86	0.22	0.22	0.85	2.70e-02
6	4	1098	9.35	0.24	0.39	9.20	1.17	0.72	-1.51e-02	-1.49e-02	0.72	1.30e-02
6	4	1099	8.14	-1.10	-1.04	8.09	0.72	0.60	-0.20	-0.20	0.60	4.04e-03
6	4	1100	7.33	-2.08	-2.06	7.31	0.41	0.50	-0.34	-0.34	0.50	-2.30e-04
6	4	1101	6.86	-2.67	-2.67	6.85	0.18	0.44	-0.42	-0.42	0.44	-1.03e-03
6	4	1102	6.70	-2.87	-2.87	6.70		0.42	-0.45	-0.45	0.42	
6	4	1103	6.86	-2.67	-2.67	6.85	-0.18	0.44	-0.42	-0.42	0.44	1.03e-03
6	4	1104	7.33	-2.08	-2.06	7.31	-0.41	0.50	-0.34	-0.34	0.50	2.30e-04
6	4	1105	8.14	-1.10	-1.04	8.09	-0.72	0.60	-0.20	-0.20	0.60	-4.04e-03
6	4	1106	9.35	0.24	0.39	9.20	-1.17	0.72	-1.51e-02	-1.49e-02	0.72	-1.30e-02
6	4	1107	11.04	1.86	2.24	10.66	-1.83	0.86	0.22	0.22	0.85	-2.70e-02
6	4	1108	13.37	3.65	4.52	12.49	-2.78	1.00	0.49	0.50	1.00	-4.55e-02
6	4	1109	16.51	5.42	7.26	14.67	-4.13	1.15	0.80	0.82	1.14	-6.63e-02
6	4	1110	20.69	7.01	10.62	17.08	-6.03	1.32	1.12	1.18	1.27	-8.63e-02
6	4	1111	25.93	8.40	15.25	19.08	-8.55	1.46	0.98	1.44	1.00	-0.10
6	4	1112	25.09	7.27	15.22	17.14	-8.86	1.06	0.29	1.03	0.31	-0.13
6	4	1113	19.94	6.29	11.50	14.73	-6.63	0.78	-0.11	0.76	-9.95e-02	-9.87e-02
6	4	1114	15.81	4.96	7.97	12.80	-4.86	0.46	-0.20	0.45	-0.19	-7.77e-02
6	4	1115	12.64	3.38	4.98	11.04	-3.50	0.15	-0.28	0.14	-0.27	-6.37e-02
6	4	1116	10.31	1.70	2.49	9.53	-2.47	-0.12	-0.37	-0.13	-0.36	-5.23e-02
6	4	1117	8.65	0.11	0.47	8.30	-1.70	-0.33	-0.46	-0.35	-0.44	-4.18e-02
6	4	1118	7.50	-1.24	-1.10	7.35	-1.12	-0.48	-0.55	-0.52	-0.51	-3.15e-02
6	4	1119	6.74	-2.26	-2.21	6.69	-0.68	-0.56	-0.65	-0.65	-0.56	-2.11e-02
6	4	1120	6.31	-2.89	-2.88	6.29	-0.32	-0.59	-0.73	-0.72	-0.59	-1.06e-02
6	4	1121	6.16	-3.10	-3.10	6.16		-0.60	-0.75	-0.75	-0.60	
6	4	1122	6.31	-2.89	-2.88	6.29	0.32	-0.59	-0.73	-0.72	-0.59	1.06e-02
6	4	1123	6.74	-2.26	-2.21	6.69	0.68	-0.56	-0.65	-0.65	-0.56	2.11e-02



6	4	1124	7.50	-1.24	-1.10	7.35	1.12	-0.48	-0.55	-0.52	-0.51	3.15e-02
6	4	1125	8.65	0.11	0.47	8.30	1.70	-0.33	-0.46	-0.35	-0.44	4.18e-02
6	4	1126	10.31	1.70	2.49	9.53	2.47	-0.12	-0.37	-0.13	-0.36	5.23e-02
6	4	1127	12.64	3.38	4.98	11.04	3.50	0.15	-0.28	0.14	-0.27	6.37e-02
6	4	1128	15.81	4.96	7.97	12.80	4.86	0.46	-0.20	0.45	-0.19	7.77e-02
6	4	1129	19.94	6.29	11.50	14.73	6.63	0.78	-0.11	0.76	-9.95e-02	9.87e-02
6	4	1130	25.09	7.27	15.22	17.14	8.86	1.06	0.29	1.03	0.31	0.13
6	4	1131	24.23	6.21	16.27	14.17	-8.95	1.47	0.95	1.47	0.95	-3.00e-02
6	4	1132	19.09	5.17	11.23	13.04	-6.90	1.33	1.20	1.23	1.30	-5.05e-02
6	4	1133	15.06	3.81	7.36	11.51	-5.22	1.27	0.88	0.89	1.26	-5.23e-02
6	4	1134	12.02	2.23	4.15	10.11	-3.89	1.21	0.59	0.59	1.21	-4.80e-02
6	4	1135	9.84	0.52	1.48	8.88	-2.83	1.17	0.34	0.34	1.17	-4.22e-02
6	4	1136	8.31	-1.13	-0.68	7.86	-2.01	1.14	0.14	0.14	1.14	-3.55e-02
6	4	1137	7.27	-2.55	-2.36	7.08	-1.37	1.11	-2.35e-02	-2.28e-02	1.11	-2.78e-02
6	4	1138	6.59	-3.62	-3.55	6.52	-0.84	1.10	-0.14	-0.14	1.10	-1.92e-02
6	4	1139	6.21	-4.28	-4.26	6.19	-0.40	1.09	-0.21	-0.21	1.09	-9.80e-03
6	4	1140	6.08	-4.50	-4.50	6.08		1.09	-0.23	-0.23	1.09	
6	4	1141	6.21	-4.28	-4.26	6.19	0.40	1.09	-0.21	-0.21	1.09	9.80e-03
6	4	1142	6.59	-3.62	-3.55	6.52	0.84	1.10	-0.14	-0.14	1.10	1.92e-02
6	4	1143	7.27	-2.55	-2.36	7.08	1.37	1.11	-2.35e-02	-2.28e-02	1.11	2.78e-02
6	4	1144	8.31	-1.13	-0.68	7.86	2.01	1.14	0.14	0.14	1.14	3.55e-02
6	4	1145	9.84	0.52	1.48	8.88	2.83	1.17	0.34	0.34	1.17	4.22e-02
6	4	1146	12.02	2.23	4.15	10.11	3.89	1.21	0.59	0.59	1.21	4.80e-02
6	4	1147	15.06	3.81	7.36	11.51	5.22	1.27	0.88	0.89	1.26	5.23e-02
6	4	1148	19.09	5.17	11.23	13.04	6.90	1.33	1.20	1.23	1.30	5.05e-02
6	4	1149	24.23	6.21	16.27	14.17	8.95	1.47	0.95	1.47	0.95	3.00e-02
6	4	1150	23.13	5.33	15.73	12.74	-8.78	1.03	0.29	1.03	0.29	-5.06e-02
6	4	1151	18.29	4.41	11.68	11.02	-6.93	0.78	-0.10	0.78	-9.97e-02	-2.58e-02
6	4	1152	14.27	3.32	7.81	9.78	-5.38	0.48	-0.15	0.48	-0.15	-1.80e-02
6	4	1153	11.17	1.97	4.48	8.65	-4.10	0.19	-0.19	0.18	-0.18	-1.53e-02
6	4	1154	8.95	0.41	1.70	7.66	-3.06	-6.53e-02	-0.22	-6.64e-02	-0.22	-1.35e-02
6	4	1155	7.45	-1.17	-0.56	6.84	-2.21	-0.24	-0.27	-0.27	-0.24	-1.14e-02
6	4	1156	6.46	-2.57	-2.30	6.20	-1.53	-0.26	-0.43	-0.43	-0.26	-9.00e-03
6	4	1157	5.83	-3.64	-3.55	5.74	-0.96	-0.27	-0.54	-0.54	-0.27	-6.24e-03
6	4	1158	5.48	-4.31	-4.29	5.46	-0.46	-0.28	-0.61	-0.61	-0.28	-3.20e-03
6	4	1159	5.37	-4.54	-4.54	5.37		-0.28	-0.63	-0.63	-0.28	
6	4	1160	5.48	-4.31	-4.29	5.46	0.46	-0.28	-0.61	-0.61	-0.28	3.20e-03
6	4	1161	5.83	-3.64	-3.55	5.74	0.96	-0.27	-0.54	-0.54	-0.27	6.24e-03
6	4	1162	6.46	-2.57	-2.30	6.20	1.53	-0.26	-0.43	-0.43	-0.26	9.00e-03
6	4	1163	7.45	-1.17	-0.56	6.84	2.21	-0.24	-0.27	-0.27	-0.24	1.14e-02
6	4	1164	8.95	0.41	1.70	7.66	3.06	-6.53e-02	-0.22	-6.64e-02	-0.22	1.35e-02
6	4	1165	11.17	1.97	4.48	8.65	4.10	0.19	-0.19	0.18	-0.18	1.53e-02
6	4	1166	14.27	3.32	7.81	9.78	5.38	0.48	-0.15	0.48	-0.15	1.80e-02
6	4	1167	18.29	4.41	11.68	11.02	6.93	0.78	-0.10	0.78	-9.97e-02	2.58e-02
6	4	1168	23.13	5.33	15.73	12.74	8.78	1.03	0.29	1.03	0.29	5.06e-02
6	4	1169	22.29	4.17	16.27	10.20	-8.53	1.45	0.87	1.44	0.88	6.68e-02
6	4	1170	17.17	3.52	11.08	9.60	-6.78	1.26	1.18	1.21	1.24	3.71e-02
6	4	1171	13.19	2.44	6.99	8.65	-5.31	1.20	0.87	0.88	1.20	2.74e-02
6	4	1172	10.25	1.05	3.54	7.76	-4.09	1.17	0.58	0.58	1.17	2.34e-02
6	4	1173	8.24	-0.59	0.67	6.99	-3.08	1.14	0.34	0.34	1.14	2.03e-02
6	4	1174	6.93	-2.26	-1.67	6.34	-2.25	1.12	0.14	0.14	1.12	1.68e-02
6	4	1175	6.08	-3.73	-3.47	5.83	-1.57	1.11	-1.72e-02	-1.71e-02	1.11	1.30e-02
6	4	1176	5.56	-4.85	-4.75	5.46	-0.99	1.10	-0.13	-0.13	1.10	8.79e-03
6	4	1177	5.26	-5.54	-5.52	5.24	-0.48	1.10	-0.19	-0.19	1.10	4.44e-03
6	4	1178	5.17	-5.77	-5.77	5.17		1.10	-0.22	-0.22	1.10	
6	4	1179	5.26	-5.54	-5.52	5.24	0.48	1.10	-0.19	-0.19	1.10	-4.44e-03
6	4	1180	5.56	-4.85	-4.75	5.46	0.99	1.10	-0.13	-0.13	1.10	-8.79e-03
6	4	1181	6.08	-3.73	-3.47	5.83	1.57	1.11	-1.72e-02	-1.71e-02	1.11	-1.30e-02
6	4	1182	6.93	-2.26	-1.67	6.34	2.25	1.12	0.14	0.14	1.12	-1.68e-02
6	4	1183	8.24	-0.59	0.67	6.99	3.08	1.14	0.34	0.34	1.14	-2.03e-02
6	4	1184	10.25	1.05	3.54	7.76	4.09	1.17	0.58	0.58	1.17	-2.34e-02
6	4	1185	13.19	2.44	6.99	8.65	5.31	1.20	0.87	0.88	1.20	-2.74e-02
6	4	1186	17.17	3.52	11.08	9.60	6.78	1.26	1.18	1.21	1.24	-3.71e-02
6	4	1187	22.29	4.17	16.27	10.20	8.53	1.45	0.87	1.44	0.88	-6.68e-02
6	4	1188	20.98	3.56	15.50	9.04	-8.09	1.01	0.24	1.01	0.24	3.14e-02
6	4	1189	16.26	2.84	11.28	7.83	-6.48	0.76	-0.16	0.76	-0.16	5.92e-02
6	4	1190	12.28	2.03	7.23	7.08	-5.13	0.46	-0.22	0.46	-0.21	6.43e-02
6	4	1191	9.27	0.87	3.73	6.41	-3.98	0.17	-0.26	0.16	-0.25	6.08e-02
6	4	1192	7.24	-0.63	0.80	5.82	-3.03	-8.07e-02	-0.30	-9.49e-02	-0.28	5.39e-02
6	4	1193	5.98	-2.24	-1.58	5.33	-2.23	-0.26	-0.35	-0.30	-0.31	4.51e-02
6	4	1194	5.22	-3.70	-3.42	4.93	-1.56	-0.32	-0.47	-0.46	-0.33	3.50e-02
6	4	1195	4.75	-4.83	-4.72	4.65	-0.99	-0.34	-0.58	-0.57	-0.34	2.39e-02
6	4	1196	4.50	-5.52	-5.50	4.48	-0.48	-0.35	-0.64	-0.64	-0.35	1.21e-02
6	4	1197	4.42	-5.76	-5.76	4.42		-0.35	-0.66	-0.66	-0.35	
6	4	1198	4.50	-5.52	-5.50	4.48	0.48	-0.35	-0.64	-0.64	-0.35	-1.21e-02
6	4	1199	4.75	-4.83	-4.72	4.65	0.99	-0.34	-0.58	-0.57	-0.34	-2.39e-02
6	4	1200	5.22	-3.70	-3.42	4.93	1.56	-0.32	-0.47	-0.46	-0.33	-3.50e-02



6	4	1201	5.98	-2.24	-1.58	5.33	2.23	-0.26	-0.35	-0.30	-0.31	-4.51e-02
6	4	1202	7.24	-0.63	0.80	5.82	3.03	-8.07e-02	-0.30	-9.49e-02	-0.28	-5.39e-02
6	4	1203	9.27	0.87	3.73	6.41	3.98	0.17	-0.26	0.16	-0.25	-6.08e-02
6	4	1204	12.28	2.03	7.23	7.08	5.13	0.46	-0.22	0.46	-0.21	-6.43e-02
6	4	1205	16.26	2.84	11.28	7.83	6.48	0.76	-0.16	0.76	-0.16	-5.92e-02
6	4	1206	20.98	3.56	15.50	9.04	8.09	1.01	0.24	1.01	0.24	-3.14e-02
6	4	1207	20.19	2.35	15.77	6.77	-7.70	1.46	0.78	1.42	0.82	0.15
6	4	1208	15.01	2.07	10.45	6.63	-6.18	1.30	1.06	1.18	1.18	0.12
6	4	1209	11.08	1.26	6.22	6.12	-4.91	1.16	0.81	0.84	1.13	0.10
6	4	1210	8.28	3.52e-02	2.66	5.65	-3.84	1.09	0.53	0.54	1.08	9.39e-02
6	4	1211	6.50	-1.58	-0.31	5.23	-2.94	1.04	0.28	0.29	1.03	8.24e-02
6	4	1212	5.46	-3.30	-2.71	4.87	-2.19	1.01	7.24e-02	7.75e-02	1.00	6.87e-02
6	4	1213	4.84	-4.82	-4.56	4.59	-1.55	0.98	-8.76e-02	-8.50e-02	0.98	5.31e-02
6	4	1214	4.47	-5.97	-5.88	4.38	-0.99	0.96	-0.20	-0.20	0.96	3.62e-02
6	4	1215	4.27	-6.69	-6.66	4.25	-0.48	0.95	-0.27	-0.27	0.95	1.83e-02
6	4	1216	4.21	-6.93	-6.93	4.21		0.95	-0.29	-0.29	0.95	
6	4	1217	4.27	-6.69	-6.66	4.25	0.48	0.95	-0.27	-0.27	0.95	-1.83e-02
6	4	1218	4.47	-5.97	-5.88	4.38	0.99	0.96	-0.20	-0.20	0.96	-3.62e-02
6	4	1219	4.84	-4.82	-4.56	4.59	1.55	0.98	-8.76e-02	-8.50e-02	0.98	-5.31e-02
6	4	1220	5.46	-3.30	-2.71	4.87	2.19	1.01	7.24e-02	7.75e-02	1.00	-6.87e-02
6	4	1221	6.50	-1.58	-0.31	5.23	2.94	1.04	0.28	0.29	1.03	-8.24e-02
6	4	1222	8.28	3.52e-02	2.66	5.65	3.84	1.09	0.53	0.54	1.08	-9.39e-02
6	4	1223	11.08	1.26	6.22	6.12	4.91	1.16	0.81	0.84	1.13	-0.10
6	4	1224	15.01	2.07	10.45	6.63	6.18	1.30	1.06	1.18	1.18	-0.12
6	4	1225	20.19	2.35	15.77	6.77	7.70	1.46	0.78	1.42	0.82	-0.15
6	4	1226	18.70	1.90	14.76	5.85	-7.12	1.00	0.17	0.98	0.18	0.10
6	4	1227	14.10	1.39	10.42	5.08	-5.77	0.74	-0.26	0.73	-0.24	0.13
6	4	1228	10.21	0.82	6.29	4.74	-4.63	0.43	-0.35	0.40	-0.33	0.13
6	4	1229	7.35	-0.18	2.73	4.44	-3.67	0.11	-0.43	8.67e-02	-0.40	0.11
6	4	1230	5.56	-1.63	-0.23	4.17	-2.85	-0.15	-0.50	-0.18	-0.47	9.94e-02
6	4	1231	4.56	-3.26	-2.62	3.92	-2.14	-0.36	-0.57	-0.40	-0.53	8.19e-02
6	4	1232	4.00	-4.73	-4.46	3.73	-1.53	-0.52	-0.64	-0.58	-0.58	6.27e-02
6	4	1233	3.68	-5.86	-5.76	3.58	-0.98	-0.60	-0.72	-0.70	-0.62	4.25e-02
6	4	1234	3.51	-6.56	-6.53	3.49	-0.48	-0.63	-0.78	-0.77	-0.64	2.14e-02
6	4	1235	3.46	-6.79	-6.79	3.46		-0.65	-0.80	-0.80	-0.65	
6	4	1236	3.51	-6.56	-6.53	3.49	0.48	-0.63	-0.78	-0.77	-0.64	-2.14e-02
6	4	1237	3.68	-5.86	-5.76	3.58	0.98	-0.60	-0.72	-0.70	-0.62	-4.25e-02
6	4	1238	4.00	-4.73	-4.46	3.73	1.53	-0.52	-0.64	-0.58	-0.58	-6.27e-02
6	4	1239	4.56	-3.26	-2.62	3.92	2.14	-0.36	-0.57	-0.40	-0.53	-8.19e-02
6	4	1240	5.56	-1.63	-0.23	4.17	2.85	-0.15	-0.50	-0.18	-0.47	-9.94e-02
6	4	1241	7.35	-0.18	2.73	4.44	3.67	0.11	-0.43	8.67e-02	-0.40	-0.11
6	4	1242	10.21	0.82	6.29	4.74	4.63	0.43	-0.35	0.40	-0.33	-0.13
6	4	1243	14.10	1.39	10.42	5.08	5.77	0.74	-0.26	0.73	-0.24	-0.13
6	4	1244	18.70	1.90	14.76	5.85	7.12	1.00	0.17	0.98	0.18	-0.10
6	4	1245	17.89	0.67	14.69	3.86	-6.69	1.45	0.69	1.38	0.76	0.21
6	4	1246	12.78	0.67	9.30	4.14	-5.47	1.27	0.94	1.13	1.08	0.16
6	4	1247	9.04	4.53e-02	5.08	4.01	-4.46	1.05	0.70	0.77	0.98	0.14
6	4	1248	6.48	-1.07	1.56	3.85	-3.60	0.90	0.41	0.44	0.87	0.11
6	4	1249	4.97	-2.64	-1.36	3.69	-2.84	0.78	0.15	0.16	0.76	9.50e-02
6	4	1250	4.15	-4.30	-3.70	3.54	-2.18	0.68	-7.69e-02	-6.92e-02	0.67	7.56e-02
6	4	1251	3.69	-5.77	-5.50	3.42	-1.58	0.60	-0.25	-0.25	0.59	5.65e-02
6	4	1252	3.42	-6.87	-6.77	3.32	-1.02	0.54	-0.38	-0.38	0.54	3.75e-02
6	4	1253	3.28	-7.55	-7.52	3.26	-0.50	0.50	-0.46	-0.46	0.50	1.87e-02
6	4	1254	3.24	-7.78	-7.78	3.24		0.49	-0.48	-0.48	0.49	
6	4	1255	3.28	-7.55	-7.52	3.26	0.50	0.50	-0.46	-0.46	0.50	-1.87e-02
6	4	1256	3.42	-6.87	-6.77	3.32	1.02	0.54	-0.38	-0.38	0.54	-3.75e-02
6	4	1257	3.69	-5.77	-5.50	3.42	1.58	0.60	-0.25	-0.25	0.59	-5.65e-02
6	4	1258	4.15	-4.30	-3.70	3.54	2.18	0.68	-7.69e-02	-6.92e-02	0.67	-7.56e-02
6	4	1259	4.97	-2.64	-1.36	3.69	2.84	0.78	0.15	0.16	0.76	-9.50e-02
6	4	1260	6.48	-1.07	1.56	3.85	3.60	0.90	0.41	0.44	0.87	-0.11
6	4	1261	9.04	4.53e-02	5.08	4.01	4.46	1.05	0.70	0.77	0.98	-0.14
6	4	1262	12.78	0.67	9.30	4.14	5.47	1.27	0.94	1.13	1.08	-0.16
6	4	1263	17.89	0.67	14.69	3.86	6.69	1.45	0.69	1.38	0.76	-0.21
6	4	1264	16.13	0.36	13.18	3.30	-6.14	0.92	3.64e-02	0.89	5.93e-02	0.14
6	4	1265	11.92	-7.78e-02	8.94	2.91	-5.19	0.63	-0.45	0.62	-0.44	0.13
6	4	1266	8.39	-0.56	4.95	2.88	-4.36	0.28	-0.62	0.27	-0.61	0.10
6	4	1267	5.86	-1.47	1.57	2.82	-3.61	-7.13e-02	-0.79	-7.96e-02	-0.78	7.71e-02
6	4	1268	4.29	-2.77	-1.21	2.73	-2.92	-0.37	-0.96	-0.38	-0.96	5.44e-02
6	4	1269	3.40	-4.21	-3.45	2.64	-2.28	-0.63	-1.12	-0.63	-1.11	3.66e-02
6	4	1270	2.91	-5.50	-5.15	2.56	-1.68	-0.82	-1.25	-0.82	-1.25	2.32e-02
6	4	1271	2.63	-6.49	-6.36	2.49	-1.11	-0.97	-1.35	-0.97	-1.35	1.33e-02
6	4	1272	2.48	-7.11	-7.07	2.45	-0.55	-1.05	-1.41	-1.05	-1.41	6.02e-03
6	4	1273	2.43	-7.31	-7.31	2.43		-1.08	-1.44	-1.08	-1.44	
6	4	1274	2.48	-7.11	-7.07	2.45	0.55	-1.05	-1.41	-1.05	-1.41	-6.02e-03
6	4	1275	2.63	-6.49	-6.36	2.49	1.11	-0.97	-1.35	-0.97	-1.35	-1.33e-02
6	4	1276	2.91	-5.50	-5.15	2.56	1.68	-0.82	-1.25	-0.82	-1.25	-2.32e-02
6	4	1277	3.40	-4.21	-3.45	2.64	2.28	-0.63	-1.12	-0.63	-1.11	-3.66e-02



6	4	1278	4.29	-2.77	-1.21	2.73	2.92	-0.37	-0.96	-0.38	-0.96	-5.44e-02
6	4	1279	5.86	-1.47	1.57	2.82	3.61	-7.13e-02	-0.79	-7.96e-02	-0.78	-7.71e-02
6	4	1280	8.39	-0.56	4.95	2.88	4.36	0.28	-0.62	0.27	-0.61	-0.10
6	4	1281	11.92	-7.78e-02	8.94	2.91	5.19	0.63	-0.45	0.62	-0.44	-0.13
6	4	1282	16.13	0.36	13.18	3.30	6.14	0.92	3.64e-02	0.89	5.93e-02	-0.14
6	4	1283	14.99	-0.68	12.49	1.81	-5.73	1.28	0.57	1.22	0.63	0.19
6	4	1284	10.46	-0.68	7.43	2.35	-4.96	1.00	0.78	0.95	0.83	8.99e-02
6	4	1285	7.31	-1.33	3.57	2.41	-4.28	0.61	0.55	0.56	0.59	2.51e-02
6	4	1286	5.16	-2.36	0.40	2.39	-3.63	0.32	0.20	0.21	0.32	-1.84e-02
6	4	1287	3.83	-3.68	-2.20	2.35	-2.99	6.49e-02	-0.12	-0.10	5.29e-02	-4.50e-02
6	4	1288	3.05	-5.04	-4.27	2.28	-2.37	-0.18	-0.38	-0.37	-0.19	-5.65e-02
6	4	1289	2.59	-6.22	-5.85	2.22	-1.76	-0.39	-0.59	-0.58	-0.41	-5.49e-02
6	4	1290	2.31	-7.11	-6.97	2.16	-1.17	-0.56	-0.74	-0.73	-0.57	-4.28e-02
6	4	1291	2.16	-7.66	-7.63	2.13	-0.58	-0.66	-0.82	-0.82	-0.67	-2.33e-02
6	4	1292	2.12	-7.85	-7.85	2.12		-0.70	-0.85	-0.85	-0.70	
6	4	1293	2.16	-7.66	-7.63	2.13	0.58	-0.66	-0.82	-0.82	-0.67	2.33e-02
6	4	1294	2.31	-7.11	-6.97	2.16	1.17	-0.56	-0.74	-0.73	-0.57	4.28e-02
6	4	1295	2.59	-6.22	-5.85	2.22	1.76	-0.39	-0.59	-0.58	-0.41	5.49e-02
6	4	1296	3.05	-5.04	-4.27	2.28	2.37	-0.18	-0.38	-0.37	-0.19	5.65e-02
6	4	1297	3.83	-3.68	-2.20	2.35	2.99	6.49e-02	-0.12	-0.10	5.29e-02	4.50e-02
6	4	1298	5.16	-2.36	0.40	2.39	3.63	0.32	0.20	0.21	0.32	1.84e-02
6	4	1299	7.31	-1.33	3.57	2.41	4.28	0.61	0.55	0.56	0.59	-2.51e-02
6	4	1300	10.46	-0.68	7.43	2.35	4.96	1.00	0.78	0.95	0.83	-8.99e-02
6	4	1301	14.99	-0.68	12.49	1.81	5.73	1.28	0.57	1.22	0.63	-0.19
6	4	1302	12.92	-0.85	10.30	1.77	-5.40	0.61	-0.20	0.61	-0.20	5.18e-02
6	4	1303	9.78	-1.52	6.73	1.53	-5.01	0.34	-0.77	0.34	-0.77	-4.08e-02
6	4	1304	7.02	-2.12	3.37	1.53	-4.48	4.39e-03	-1.10	-9.44e-03	-1.08	-0.12
6	4	1305	4.92	-2.90	0.51	1.50	-3.88	-0.33	-1.44	-0.36	-1.41	-0.18
6	4	1306	3.45	-3.84	-1.84	1.45	-3.25	-0.62	-1.76	-0.66	-1.73	-0.20
6	4	1307	2.48	-4.82	-3.73	1.39	-2.61	-0.87	-2.05	-0.91	-2.01	-0.20
6	4	1308	1.88	-5.72	-5.17	1.33	-1.96	-1.07	-2.27	-1.10	-2.25	-0.17
6	4	1309	1.51	-6.41	-6.19	1.29	-1.31	-1.23	-2.44	-1.24	-2.42	-0.12
6	4	1310	1.31	-6.85	-6.80	1.25	-0.65	-1.32	-2.54	-1.32	-2.53	-6.54e-02
6	4	1311	1.24	-7.00	-7.00	1.24		-1.35	-2.57	-1.35	-2.57	
6	4	1312	1.31	-6.85	-6.80	1.25	0.65	-1.32	-2.54	-1.32	-2.53	6.54e-02
6	4	1313	1.51	-6.41	-6.19	1.29	1.31	-1.23	-2.44	-1.24	-2.42	0.12
6	4	1314	1.88	-5.72	-5.17	1.33	1.96	-1.07	-2.27	-1.10	-2.25	0.17
6	4	1315	2.48	-4.82	-3.73	1.39	2.61	-0.87	-2.05	-0.91	-2.01	0.20
6	4	1316	3.45	-3.84	-1.84	1.45	3.25	-0.62	-1.76	-0.66	-1.73	0.20
6	4	1317	4.92	-2.90	0.51	1.50	3.88	-0.33	-1.44	-0.36	-1.41	0.18
6	4	1318	7.02	-2.12	3.37	1.53	4.48	4.39e-03	-1.10	-9.44e-03	-1.08	0.12
6	4	1319	9.78	-1.52	6.73	1.53	5.01	0.34	-0.77	0.34	-0.77	4.08e-02
6	4	1320	12.92	-0.85	10.30	1.77	5.40	0.61	-0.20	0.61	-0.20	-5.18e-02
6	4	1321	11.32	-1.35	8.92	1.06	-4.97	0.79	0.46	0.79	0.46	-2.16e-03
6	4	1322	8.06	-1.68	5.09	1.28	-4.48	0.74	0.30	0.56	0.48	-0.22
6	4	1323	5.62	-2.30	2.11	1.21	-3.93	0.49	-0.23	0.21	4.76e-02	-0.35
6	4	1324	3.82	-3.07	-0.38	1.12	-3.36	0.18	-0.70	-0.11	-0.41	-0.41
6	4	1325	2.58	-3.99	-2.44	1.03	-2.79	-0.14	-1.08	-0.39	-0.83	-0.42
6	4	1326	1.78	-4.93	-4.10	0.95	-2.21	-0.42	-1.38	-0.61	-1.19	-0.38
6	4	1327	1.29	-5.78	-5.37	0.88	-1.65	-0.67	-1.59	-0.79	-1.47	-0.31
6	4	1328	0.99	-6.44	-6.27	0.83	-1.09	-0.85	-1.74	-0.91	-1.68	-0.22
6	4	1329	0.83	-6.85	-6.81	0.79	-0.54	-0.97	-1.82	-0.99	-1.80	-0.12
6	4	1330	0.78	-6.99	-6.99	0.78		-1.01	-1.84	-1.01	-1.84	
6	4	1331	0.83	-6.85	-6.81	0.79	0.54	-0.97	-1.82	-0.99	-1.80	0.12
6	4	1332	0.99	-6.44	-6.27	0.83	1.09	-0.85	-1.74	-0.91	-1.68	0.22
6	4	1333	1.29	-5.78	-5.37	0.88	1.65	-0.67	-1.59	-0.79	-1.47	0.31
6	4	1334	1.78	-4.93	-4.10	0.95	2.21	-0.42	-1.38	-0.61	-1.19	0.38
6	4	1335	2.58	-3.99	-2.44	1.03	2.79	-0.14	-1.08	-0.39	-0.83	0.42
6	4	1336	3.82	-3.07	-0.38	1.12	3.36	0.18	-0.70	-0.11	-0.41	0.41
6	4	1337	5.62	-2.30	2.11	1.21	3.93	0.49	-0.23	0.21	4.76e-02	0.35
6	4	1338	8.06	-1.68	5.09	1.28	4.48	0.74	0.30	0.56	0.48	0.22
6	4	1339	11.32	-1.35	8.92	1.06	4.97	0.79	0.46	0.79	0.46	2.16e-03
6	4	1340	10.11	-1.59	7.48	1.04	-4.89	-2.75e-02	-0.58	-9.23e-02	-0.51	-0.18
6	4	1341	7.43	-2.19	4.77	0.48	-4.31	4.35e-02	-1.13	-0.12	-0.97	-0.41
6	4	1342	5.05	-2.54	2.14	0.38	-3.69	2.15e-02	-1.34	-0.23	-1.08	-0.53
6	4	1343	3.17	-3.02	-0.17	0.32	-3.08	-5.12e-02	-1.45	-0.36	-1.14	-0.58
6	4	1344	1.85	-3.69	-2.11	0.27	-2.50	-0.15	-1.49	-0.45	-1.19	-0.56
6	4	1345	1.03	-4.50	-3.69	0.22	-1.95	-0.26	-1.48	-0.53	-1.21	-0.50
6	4	1346	0.56	-5.29	-4.91	0.19	-1.43	-0.39	-1.42	-0.58	-1.22	-0.40
6	4	1347	0.30	-5.92	-5.78	0.16	-0.94	-0.51	-1.34	-0.62	-1.23	-0.28
6	4	1348	0.17	-6.33	-6.29	0.14	-0.47	-0.61	-1.27	-0.64	-1.23	-0.15
6	4	1349	0.13	-6.47	-6.47	0.13		-0.65	-1.23	-0.65	-1.23	
6	4	1350	0.17	-6.33	-6.29	0.14	0.47	-0.61	-1.27	-0.64	-1.23	0.15
6	4	1351	0.30	-5.92	-5.78	0.16	0.94	-0.51	-1.34	-0.62	-1.23	0.28
6	4	1352	0.56	-5.29	-4.91	0.19	1.43	-0.39	-1.42	-0.58	-1.22	0.40
6	4	1353	1.03	-4.50	-3.69	0.22	1.95	-0.26	-1.48	-0.53	-1.21	0.50
6	4	1354	1.85	-3.69	-2.11	0.27	2.50	-0.15	-1.49	-0.45	-1.19	0.56



6	4	1355	3.17	-3.02	-0.17	0.32	3.08	-5.12e-02	-1.45	-0.36	-1.14	0.58
6	4	1356	5.05	-2.54	2.14	0.38	3.69	2.15e-02	-1.34	-0.23	-1.08	0.53
6	4	1357	7.43	-2.19	4.77	0.48	4.31	4.35e-02	-1.13	-0.12	-0.97	0.41
6	4	1358	10.11	-1.59	7.48	1.04	4.89	-2.75e-02	-0.58	-9.23e-02	-0.51	0.18
6	4	1359	7.08	-0.91	6.30	-0.14	-2.37	0.13	-0.65	-0.15	-0.36	-0.38
6	4	1360	4.51	-0.66	3.87	-2.09e-02	-1.70	0.42	-0.29	2.55e-02	0.11	-0.35
6	4	1361	2.18	-0.82	1.44	-8.01e-02	-1.29	0.73	-0.14	0.13	0.46	-0.40
6	4	1362	0.64	-1.46	-0.71	-0.11	-1.00	1.06	-2.76e-03	0.22	0.84	-0.43
6	4	1363	0.10	-2.76	-2.53	-0.12	-0.77	1.37	0.14	0.31	1.21	-0.42
6	4	1364	-5.44e-02	-4.11	-4.02	-0.14	-0.57	1.65	0.28	0.39	1.54	-0.38
6	4	1365	-0.12	-5.21	-5.18	-0.15	-0.40	1.88	0.39	0.46	1.82	-0.30
6	4	1366	-0.14	-6.01	-6.00	-0.16	-0.26	2.06	0.48	0.51	2.03	-0.21
6	4	1367	-0.16	-6.50	-6.49	-0.16	-0.12	2.16	0.53	0.54	2.15	-0.11
6	4	1368	-0.16	-6.66	-6.66	-0.16		2.20	0.55	0.55	2.20	
6	4	1369	-0.16	-6.50	-6.49	-0.16	0.12	2.16	0.53	0.54	2.15	0.11
6	4	1370	-0.14	-6.01	-6.00	-0.16	0.26	2.06	0.48	0.51	2.03	0.21
6	4	1371	-0.12	-5.21	-5.18	-0.15	0.40	1.88	0.39	0.46	1.82	0.30
6	4	1372	-5.44e-02	-4.11	-4.02	-0.14	0.57	1.65	0.28	0.39	1.54	0.38
6	4	1373	0.10	-2.76	-2.53	-0.12	0.77	1.37	0.14	0.31	1.21	0.42
6	4	1374	0.64	-1.46	-0.71	-0.11	1.00	1.06	-2.76e-03	0.22	0.84	0.43
6	4	1375	2.18	-0.82	1.44	-8.01e-02	1.29	0.73	-0.14	0.13	0.46	0.40
6	4	1376	4.51	-0.66	3.87	-2.09e-02	1.70	0.42	-0.29	2.55e-02	0.11	0.35
6	4	1377	7.08	-0.91	6.30	-0.14	2.37	0.13	-0.65	-0.15	-0.36	0.38
6	4	1689	32.11	9.08	9.26	31.93	-2.01	0.60	-0.93	3.11e-02	-0.36	0.74
6	4	1690	31.94	9.61	9.88	31.67	-2.45	1.44	-1.34	5.42e-03	8.89e-02	1.39
6	4	1691	23.59	8.96	8.96	23.59	2.10e-02	0.40	-1.96	-0.24	-1.31	1.05
6	4	1692	25.04	7.41	7.64	24.81	-1.97	1.37	-1.34	-2.06e-02	5.40e-02	1.35
6	4	1693	18.35	7.12	7.21	18.27	0.99	0.29	-2.50	-0.43	-1.77	1.23
6	4	1694	19.29	5.89	5.97	19.20	-1.06	1.37	-1.36	-6.02e-03	1.27e-02	1.37
6	4	1695	14.54	5.17	5.41	14.29	1.49	8.19e-02	-2.87	-0.65	-2.14	1.28
6	4	1696	14.90	4.65	4.65	14.89	-0.29	1.38	-1.38	-1.35e-03	3.68e-03	1.38
6	4	1697	11.60	3.45	3.83	11.22	1.71	-0.19	-3.15	-0.87	-2.47	1.24
6	4	1698	11.53	3.61	3.61	11.52	0.24	1.33	-1.33	-1.29e-03	2.95e-03	1.33
6	4	1699	9.27	2.08	2.50	8.84	1.69	-0.49	-3.35	-1.06	-2.78	1.14
6	4	1700	8.93	2.76	2.80	8.88	0.52	1.22	-1.22	-2.15e-03	3.48e-03	1.22
6	4	1701	7.40	1.06	1.44	7.02	1.50	-0.79	-3.47	-1.22	-3.05	0.98
6	4	1702	6.92	2.10	2.17	6.85	0.59	1.05	-1.05	-2.99e-03	3.99e-03	1.05
6	4	1703	5.93	0.36	0.61	5.68	1.17	-1.07	-3.54	-1.35	-3.27	0.78
6	4	1704	5.40	1.65	1.71	5.33	0.49	0.83	-0.83	-3.68e-03	4.36e-03	0.83
6	4	1705	4.88	-8.93e-02	1.53e-02	4.77	0.71	-1.31	-3.57	-1.45	-3.43	0.54
6	4	1706	4.32	1.37	1.39	4.30	0.26	0.58	-0.58	-4.20e-03	4.61e-03	0.58
6	4	1707	4.28	-0.38	-0.37	4.28	0.18	-1.48	-3.58	-1.52	-3.54	0.28
6	4	1708	3.71	1.21	1.21	3.71	-6.66e-02	0.31	-0.31	-4.55e-03	4.78e-03	0.31
6	4	1709	4.21	-0.59	-0.55	4.17	-0.42	-1.55	-3.59	-1.55	-3.59	6.42e-03
6	4	1710	3.64	1.08	1.16	3.55	-0.46	1.18e-02	-1.17e-02	-4.76e-03	4.91e-03	1.07e-02
6	4	1711	4.68	-0.74	-0.52	4.47	-1.05	-1.51	-3.61	-1.55	-3.57	-0.28
6	4	1712	4.10	0.98	1.25	3.82	-0.88	0.29	-0.29	-4.83e-03	5.00e-03	-0.29
6	4	1713	5.65	-0.77	-0.30	5.18	-1.69	-1.37	-3.64	-1.52	-3.49	-0.56
6	4	1714	5.02	1.00	1.47	4.54	-1.30	0.60	-0.60	-4.74e-03	5.05e-03	-0.60
6	4	1715	7.09	-0.63	0.14	6.33	-2.31	-1.14	-3.66	-1.46	-3.34	-0.84
6	4	1716	6.37	1.21	1.84	5.74	-1.69	0.89	-0.89	-4.49e-03	5.04e-03	-0.89
6	4	1717	9.00	-0.23	0.78	7.99	-2.88	-0.83	-3.66	-1.36	-3.13	-1.10
6	4	1718	8.18	1.68	2.38	7.48	-2.02	1.17	-1.17	-4.15e-03	5.10e-03	-1.17
6	4	1719	11.44	0.47	1.64	10.27	-3.39	-0.48	-3.60	-1.23	-2.85	-1.33
6	4	1720	10.55	2.43	3.12	9.87	-2.26	1.43	-1.43	-4.40e-03	6.42e-03	-1.43
6	4	1721	14.56	1.46	2.66	13.36	-3.78	-0.12	-3.47	-1.09	-2.50	-1.52
6	4	1722	13.69	3.51	4.11	13.08	-2.41	1.68	-1.67	-8.37e-03	1.66e-02	-1.67
6	4	1723	18.68	2.62	3.65	17.65	-3.94	0.24	-3.19	-0.96	-1.99	-1.64
6	4	1724	17.96	4.90	5.42	17.43	-2.56	1.98	-1.94	-1.98e-02	6.39e-02	-1.96
6	4	1725	25.04	2.82	3.43	24.43	-3.62	0.84	-2.51	-0.73	-0.93	-1.67
6	4	1726	23.66	6.71	7.28	23.08	-3.07	2.42	-2.26	2.70e-02	0.13	-2.34
6	4	1727	27.60	10.75	12.60	25.75	-5.27	1.57	0.54	1.15	0.96	0.51
6	4	1728	22.01	8.44	8.79	21.67	-2.13	1.57	0.20	0.82	0.95	0.68
6	4	1729	17.49	6.29	6.30	17.47	-0.46	1.17	-0.44	0.36	0.37	0.80
6	4	1730	14.07	4.12	4.14	14.05	0.44	0.66	-1.06	-9.25e-02	-0.31	0.85
6	4	1731	11.40	2.16	2.24	11.32	0.88	0.13	-1.62	-0.51	-0.99	0.84
6	4	1732	9.30	0.49	0.61	9.18	1.03	-0.38	-2.10	-0.88	-1.61	0.78
6	4	1733	7.65	-0.84	-0.73	7.54	0.97	-0.84	-2.50	-1.19	-2.15	0.67
6	4	1734	6.42	-1.86	-1.80	6.35	0.74	-1.23	-2.80	-1.45	-2.59	0.54
6	4	1735	5.58	-2.62	-2.60	5.56	0.38	-1.54	-3.03	-1.64	-2.93	0.37
6	4	1736	5.14	-3.15	-3.15	5.14	-6.64e-02	-1.74	-3.17	-1.77	-3.15	0.19
6	4	1737	5.13	-3.49	-3.45	5.09	-0.57	-1.83	-3.24	-1.83	-3.24	-1.02e-02
6	4	1738	5.55	-3.64	-3.51	5.41	-1.11	-1.80	-3.24	-1.84	-3.21	-0.21
6	4	1739	6.39	-3.61	-3.34	6.11	-1.64	-1.65	-3.17	-1.77	-3.05	-0.41
6	4	1740	7.65	-3.37	-2.94	7.23	-2.13	-1.38	-3.03	-1.65	-2.76	-0.61
6	4	1741	9.36	-2.90	-2.34	8.81	-2.55	-1.00	-2.80	-1.46	-2.34	-0.79
6	4	1742	11.54	-2.16	-1.56	10.94	-2.81	-0.51	-2.48	-1.20	-1.79	-0.94



6	4	1743	14.26	-1.18	-0.65	13.74	-2.80	3.96e-02	-2.09	-0.90	-1.15	-1.06
6	4	1744	17.61	6.56e-02	0.36	17.32	-2.26	0.60	-1.67	-0.59	-0.49	-1.13
6	4	1745	21.26	2.48	2.50	21.24	-0.53	0.88	-1.47	-0.38	-0.21	-1.17
6	4	1746	19.22	-0.32	-0.25	19.15	1.15	5.03e-02	-1.34	-0.55	-0.74	-0.69
6	4	1747	15.85	-0.80	-0.77	15.82	-0.74	-0.46	-2.02	-0.91	-1.57	-0.71
6	4	1748	13.24	-2.19	-2.00	13.04	-1.70	-0.89	-2.46	-1.25	-2.10	-0.66
6	4	1749	11.01	-3.40	-3.10	10.70	-2.07	-1.29	-2.84	-1.56	-2.56	-0.59
6	4	1750	9.16	-4.32	-4.00	8.83	-2.07	-1.62	-3.15	-1.81	-2.96	-0.50
6	4	1751	7.69	-4.95	-4.67	7.41	-1.85	-1.88	-3.38	-1.99	-3.27	-0.40
6	4	1752	6.57	-5.29	-5.09	6.38	-1.50	-2.06	-3.54	-2.11	-3.49	-0.28
6	4	1753	5.82	-5.36	-5.25	5.72	-1.09	-2.15	-3.63	-2.17	-3.61	-0.15
6	4	1754	5.43	-5.17	-5.13	5.39	-0.65	-2.16	-3.63	-2.16	-3.63	-2.51e-02
6	4	1755	5.40	-4.72	-4.72	5.40	-0.24	-2.09	-3.56	-2.09	-3.56	9.84e-02
6	4	1756	5.73	-4.01	-4.01	5.73	0.11	-1.93	-3.42	-1.96	-3.39	0.21
6	4	1757	6.41	-3.00	-2.99	6.39	0.37	-1.69	-3.20	-1.76	-3.13	0.31
6	4	1758	7.44	-1.68	-1.65	7.42	0.48	-1.40	-2.90	-1.51	-2.79	0.40
6	4	1759	8.85	-5.16e-03	1.37e-02	8.83	0.41	-1.04	-2.54	-1.20	-2.39	0.46
6	4	1760	10.67	2.01	2.01	10.67	8.05e-02	-0.65	-2.12	-0.83	-1.94	0.49
6	4	1761	13.02	4.30	4.35	12.98	-0.59	-0.22	-1.66	-0.41	-1.46	0.50
6	4	1762	16.13	6.69	7.03	15.79	-1.76	0.23	-1.18	4.55e-02	-1.00	0.48
6	4	1763	20.30	8.81	10.09	19.01	-3.63	0.65	-0.72	0.50	-0.57	0.43
6	4	1764	26.04	9.87	13.07	22.84	-6.44	1.02	-3.67e-02	0.91	7.35e-02	0.32
6	4	1765	16.81	0.65	1.15	16.31	2.80	0.36	-0.72	-0.37	9.14e-03	-0.51
6	4	1766	14.66	-2.46	-2.42	14.61	0.92	0.19	-0.85	-0.59	-6.99e-02	-0.45
6	4	1767	12.54	-4.17	-4.17	12.54	-0.26	-0.16	-1.10	-0.85	-0.40	-0.41
6	4	1768	10.71	-5.56	-5.51	10.66	-0.90	-0.51	-1.33	-1.11	-0.73	-0.37
6	4	1769	9.18	-6.64	-6.55	9.09	-1.18	-0.82	-1.52	-1.33	-1.01	-0.31
6	4	1770	7.95	-7.40	-7.30	7.85	-1.23	-1.09	-1.65	-1.50	-1.24	-0.25
6	4	1771	7.01	-7.84	-7.75	6.92	-1.13	-1.29	-1.71	-1.61	-1.40	-0.18
6	4	1772	6.37	-7.96	-7.89	6.31	-0.96	-1.43	-1.71	-1.66	-1.48	-0.11
6	4	1773	6.02	-7.76	-7.72	5.98	-0.75	-1.48	-1.66	-1.65	-1.49	-3.82e-02
6	4	1774	5.97	-7.23	-7.21	5.95	-0.55	-1.42	-1.58	-1.57	-1.42	3.26e-02
6	4	1775	6.22	-6.38	-6.36	6.21	-0.40	-1.24	-1.49	-1.44	-1.28	9.85e-02
6	4	1776	6.77	-5.18	-5.17	6.76	-0.35	-0.98	-1.34	-1.24	-1.08	0.16
6	4	1777	7.64	-3.63	-3.61	7.62	-0.42	-0.68	-1.13	-0.99	-0.82	0.21
6	4	1778	8.86	-1.73	-1.69	8.82	-0.68	-0.34	-0.86	-0.69	-0.52	0.24
6	4	1779	10.51	0.49	0.62	10.37	-1.18	1.75e-02	-0.54	-0.33	-0.19	0.27
6	4	1780	12.71	2.91	3.34	12.28	-2.00	0.39	-0.17	6.22e-02	0.16	0.28
6	4	1781	15.69	5.35	6.51	14.53	-3.26	0.78	0.22	0.49	0.51	0.28
6	4	1782	19.76	7.55	10.29	17.02	-5.09	1.18	0.60	0.94	0.83	0.28
6	4	1783	25.16	9.62	15.68	19.10	-7.58	1.45	0.67	1.32	0.80	0.29
6	4	1784	24.35	7.81	14.93	17.24	-8.19	1.05	0.12	1.04	0.13	8.78e-02
6	4	1785	19.16	6.60	11.04	14.72	-6.01	0.61	-0.47	0.60	-0.45	0.13
6	4	1786	15.05	4.74	7.05	12.74	-4.30	0.17	-0.77	0.14	-0.74	0.14
6	4	1787	12.02	2.47	3.56	10.94	-3.03	-0.27	-1.04	-0.29	-1.02	0.14
6	4	1788	9.86	6.65e-02	0.55	9.38	-2.11	-0.66	-1.30	-0.68	-1.28	0.13
6	4	1789	8.32	-2.23	-2.02	8.10	-1.49	-1.00	-1.54	-1.02	-1.52	0.11
6	4	1790	7.22	-4.27	-4.16	7.12	-1.10	-1.29	-1.75	-1.31	-1.73	8.32e-02
6	4	1791	6.47	-5.96	-5.90	6.40	-0.87	-1.54	-1.92	-1.55	-1.91	5.49e-02
6	4	1792	6.00	-7.29	-7.25	5.96	-0.77	-1.73	-2.06	-1.73	-2.06	2.31e-02
6	4	1793	5.81	-8.25	-8.21	5.77	-0.75	-1.86	-2.15	-1.86	-2.15	-1.14e-02
6	4	1794	5.87	-8.83	-8.79	5.83	-0.77	-1.92	-2.21	-1.93	-2.20	-4.77e-02
6	4	1795	6.18	-9.05	-9.01	6.14	-0.80	-1.92	-2.22	-1.94	-2.19	-8.48e-02
6	4	1796	6.73	-8.90	-8.86	6.70	-0.78	-1.85	-2.19	-1.90	-2.14	-0.12
6	4	1797	7.53	-8.40	-8.37	7.50	-0.67	-1.72	-2.11	-1.80	-2.03	-0.16
6	4	1798	8.57	-7.55	-7.54	8.56	-0.41	-1.53	-1.98	-1.64	-1.87	-0.19
6	4	1799	9.84	-6.35	-6.35	9.84	8.01e-02	-1.30	-1.80	-1.43	-1.67	-0.22
6	4	1800	11.36	-4.86	-4.81	11.31	0.90	-1.01	-1.57	-1.15	-1.43	-0.24
6	4	1801	13.12	-3.17	-2.88	12.84	2.14	-0.69	-1.27	-0.84	-1.13	-0.25
6	4	1802	15.53	-2.44	-1.55	14.64	3.90	-0.32	-0.76	-0.51	-0.57	-0.22
6	4	1803	24.31	6.69	16.75	14.25	-8.72	1.36	0.78	1.34	0.80	0.10
6	4	1804	18.72	5.10	10.73	13.09	-6.71	1.04	0.90	0.99	0.95	7.12e-02
6	4	1805	14.64	3.19	6.30	11.53	-5.09	0.77	0.54	0.56	0.75	6.01e-02
6	4	1806	11.69	0.93	2.52	10.10	-3.82	0.55	0.15	0.15	0.54	5.20e-02
6	4	1807	9.64	-1.52	-0.73	8.85	-2.86	0.36	-0.22	-0.21	0.35	4.20e-02
6	4	1808	8.22	-3.90	-3.51	7.82	-2.16	0.18	-0.54	-0.53	0.18	2.96e-02
6	4	1809	7.23	-6.04	-5.83	7.02	-1.65	3.92e-02	-0.81	-0.81	3.89e-02	1.53e-02
6	4	1810	6.57	-7.84	-7.72	6.45	-1.30	-7.96e-02	-1.03	-1.03	-7.96e-02	-3.31e-04
6	4	1811	6.18	-9.25	-9.18	6.11	-1.06	-0.17	-1.20	-1.20	-0.17	-1.70e-02
6	4	1812	6.03	-10.28	-10.23	5.98	-0.89	-0.23	-1.32	-1.32	-0.23	-3.42e-02
6	4	1813	6.09	-10.90	-10.87	6.06	-0.75	-0.26	-1.39	-1.38	-0.26	-5.18e-02
6	4	1814	6.36	-11.13	-11.11	6.34	-0.60	-0.26	-1.40	-1.40	-0.26	-6.95e-02
6	4	1815	6.84	-10.96	-10.95	6.83	-0.41	-0.22	-1.37	-1.36	-0.23	-8.67e-02
6	4	1816	7.51	-10.41	-10.41	7.51	-0.12	-0.15	-1.28	-1.27	-0.16	-0.10
6	4	1817	8.38	-9.48	-9.47	8.38	0.31	-5.34e-02	-1.14	-1.13	-6.63e-02	-0.12
6	4	1818	9.45	-8.19	-8.13	9.40	0.96	7.81e-02	-0.96	-0.94	6.14e-02	-0.13
6	4	1819	10.71	-6.57	-6.36	10.51	1.88	0.24	-0.74	-0.72	0.22	-0.14



6	4	1820	12.23	-4.65	-4.04	11.62	3.15	0.39	-0.52	-0.50	0.36	-0.15
6	4	1821	13.94	-1.42	0.27	12.25	4.81	0.32	-0.34	-0.29	0.27	-0.18
6	4	1822	23.15	5.09	15.35	12.90	-8.95	1.06	0.15	1.06	0.15	-2.85e-02
6	4	1823	18.22	3.96	11.08	11.10	-7.13	0.63	-0.37	0.63	-0.37	-1.81e-03
6	4	1824	14.09	2.40	6.63	9.85	-5.62	0.19	-0.57	0.19	-0.57	2.66e-03
6	4	1825	11.02	0.38	2.69	8.72	-4.39	-0.23	-0.75	-0.23	-0.75	-3.49e-05
6	4	1826	8.93	-1.93	-0.73	7.73	-3.41	-0.60	-0.91	-0.60	-0.91	-5.35e-03
6	4	1827	7.54	-4.28	-3.65	6.91	-2.65	-0.92	-1.05	-0.92	-1.05	-1.20e-02
6	4	1828	6.61	-6.43	-6.09	6.28	-2.07	-1.16	-1.20	-1.18	-1.17	-1.96e-02
6	4	1829	6.01	-8.27	-8.08	5.83	-1.62	-1.26	-1.41	-1.40	-1.27	-2.78e-02
6	4	1830	5.67	-9.73	-9.62	5.56	-1.27	-1.34	-1.57	-1.57	-1.34	-3.62e-02
6	4	1831	5.54	-10.78	-10.72	5.48	-0.97	-1.38	-1.69	-1.68	-1.39	-4.47e-02
6	4	1832	5.59	-11.42	-11.39	5.57	-0.70	-1.41	-1.75	-1.75	-1.42	-5.30e-02
6	4	1833	5.83	-11.65	-11.64	5.82	-0.41	-1.41	-1.77	-1.76	-1.42	-6.08e-02
6	4	1834	6.24	-11.46	-11.46	6.24	-7.55e-02	-1.38	-1.74	-1.72	-1.39	-6.81e-02
6	4	1835	6.81	-10.88	-10.87	6.81	0.35	-1.32	-1.65	-1.64	-1.34	-7.44e-02
6	4	1836	7.55	-9.90	-9.85	7.50	0.92	-1.24	-1.52	-1.50	-1.26	-7.94e-02
6	4	1837	8.46	-8.56	-8.39	8.30	1.66	-1.12	-1.34	-1.30	-1.16	-8.26e-02
6	4	1838	9.57	-6.90	-6.47	9.14	2.63	-0.96	-1.13	-1.05	-1.03	-8.31e-02
6	4	1839	10.91	-5.08	-4.08	9.92	3.87	-0.72	-0.91	-0.76	-0.87	-7.76e-02
6	4	1840	12.85	-4.18	-2.26	10.93	5.39	-0.43	-0.52	-0.48	-0.47	-4.79e-02
6	4	1841	23.20	3.87	16.76	10.32	-9.11	1.32	0.77	1.32	0.77	7.70e-03
6	4	1842	17.48	2.71	10.47	9.73	-7.38	1.00	0.95	0.99	0.97	-1.95e-02
6	4	1843	13.35	1.13	5.73	8.75	-5.92	0.83	0.57	0.57	0.82	-2.72e-02
6	4	1844	10.41	-0.91	1.63	7.87	-4.72	0.67	0.18	0.18	0.67	-3.02e-02
6	4	1845	8.46	-3.27	-1.92	7.11	-3.75	0.54	-0.18	-0.17	0.54	-3.27e-02
6	4	1846	7.21	-5.67	-4.95	6.48	-2.96	0.43	-0.48	-0.48	0.43	-3.56e-02
6	4	1847	6.39	-7.88	-7.49	6.00	-2.33	0.33	-0.74	-0.74	0.33	-3.89e-02
6	4	1848	5.87	-9.76	-9.55	5.66	-1.81	0.25	-0.95	-0.95	0.25	-4.25e-02
6	4	1849	5.58	-11.25	-11.14	5.47	-1.38	0.20	-1.11	-1.11	0.19	-4.60e-02
6	4	1850	5.48	-12.33	-12.27	5.42	-0.99	0.16	-1.23	-1.22	0.16	-4.94e-02
6	4	1851	5.53	-12.98	-12.96	5.51	-0.62	0.14	-1.29	-1.29	0.14	-5.24e-02
6	4	1852	5.73	-13.20	-13.19	5.73	-0.23	0.14	-1.30	-1.30	0.14	-5.48e-02
6	4	1853	6.08	-12.99	-12.99	6.08	0.21	0.16	-1.27	-1.27	0.15	-5.66e-02
6	4	1854	6.56	-12.36	-12.33	6.53	0.74	0.19	-1.18	-1.18	0.19	-5.74e-02
6	4	1855	7.18	-11.33	-11.22	7.08	1.39	0.25	-1.05	-1.05	0.25	-5.71e-02
6	4	1856	7.96	-9.92	-9.65	7.68	2.19	0.33	-0.88	-0.87	0.32	-5.56e-02
6	4	1857	8.90	-8.18	-7.57	8.29	3.18	0.42	-0.67	-0.66	0.41	-5.33e-02
6	4	1858	10.12	-6.17	-4.89	8.84	4.38	0.50	-0.46	-0.46	0.49	-5.26e-02
6	4	1859	11.74	-3.00	-0.19	8.94	5.79	0.35	-0.26	-0.25	0.34	-6.99e-02
6	4	1860	21.67	2.63	15.07	9.22	-9.06	1.06	0.11	1.05	0.12	-9.37e-02
6	4	1861	16.84	1.70	10.61	7.93	-7.45	0.63	-0.39	0.62	-0.39	-6.62e-02
6	4	1862	12.68	0.44	5.93	7.19	-6.09	0.19	-0.58	0.19	-0.57	-5.75e-02
6	4	1863	9.63	-1.34	1.77	6.53	-4.94	-0.23	-0.74	-0.23	-0.73	-5.46e-02
6	4	1864	7.63	-3.53	-1.85	5.96	-3.98	-0.59	-0.89	-0.60	-0.88	-5.35e-02
6	4	1865	6.39	-5.84	-4.95	5.49	-3.19	-0.89	-1.02	-0.91	-1.00	-5.31e-02
6	4	1866	5.62	-8.01	-7.53	5.13	-2.52	-1.07	-1.20	-1.17	-1.10	-5.30e-02
6	4	1867	5.14	-9.88	-9.62	4.88	-1.96	-1.17	-1.40	-1.39	-1.19	-5.30e-02
6	4	1868	4.88	-11.36	-11.23	4.75	-1.46	-1.24	-1.56	-1.55	-1.25	-5.28e-02
6	4	1869	4.78	-12.43	-12.37	4.73	-1.00	-1.28	-1.67	-1.66	-1.29	-5.23e-02
6	4	1870	4.83	-13.06	-13.04	4.81	-0.54	-1.31	-1.73	-1.72	-1.31	-5.14e-02
6	4	1871	5.00	-13.26	-13.26	5.00	-6.98e-02	-1.31	-1.74	-1.74	-1.31	-5.00e-02
6	4	1872	5.29	-13.03	-13.02	5.28	0.46	-1.28	-1.70	-1.70	-1.29	-4.77e-02
6	4	1873	5.70	-12.37	-12.31	5.63	1.06	-1.24	-1.62	-1.61	-1.25	-4.46e-02
6	4	1874	6.23	-11.32	-11.14	6.05	1.77	-1.18	-1.48	-1.47	-1.18	-4.04e-02
6	4	1875	6.92	-9.89	-9.47	6.50	2.61	-1.09	-1.29	-1.28	-1.09	-3.49e-02
6	4	1876	7.79	-8.16	-7.31	6.94	3.59	-0.97	-1.04	-1.03	-0.99	-2.73e-02
6	4	1877	8.94	-6.28	-4.64	7.30	4.72	-0.73	-0.85	-0.73	-0.84	-1.54e-02
6	4	1878	10.65	-5.30	-2.58	7.92	6.00	-0.45	-0.48	-0.46	-0.47	1.71e-02
6	4	1879	21.70	1.46	16.28	6.88	-8.96	1.32	0.71	1.31	0.72	-6.71e-02
6	4	1880	15.87	0.68	9.81	6.74	-7.44	1.03	0.85	0.97	0.91	-8.56e-02
6	4	1881	11.75	-0.62	4.91	6.22	-6.15	0.78	0.52	0.55	0.75	-8.73e-02
6	4	1882	8.87	-2.43	0.68	5.75	-5.05	0.60	0.14	0.15	0.58	-8.47e-02
6	4	1883	7.05	-4.68	-2.98	5.35	-4.13	0.44	-0.22	-0.21	0.43	-8.11e-02
6	4	1884	5.95	-7.02	-6.10	5.02	-3.34	0.30	-0.53	-0.52	0.30	-7.72e-02
6	4	1885	5.28	-9.20	-8.69	4.77	-2.66	0.19	-0.79	-0.78	0.18	-7.29e-02
6	4	1886	4.87	-11.06	-10.79	4.60	-2.06	9.51e-02	-1.00	-1.00	9.09e-02	-6.82e-02
6	4	1887	4.65	-12.53	-12.39	4.51	-1.52	2.51e-02	-1.17	-1.16	2.17e-02	-6.30e-02
6	4	1888	4.56	-13.58	-13.52	4.51	-1.00	-2.18e-02	-1.28	-1.28	-2.44e-02	-5.71e-02
6	4	1889	4.60	-14.19	-14.17	4.58	-0.48	-4.49e-02	-1.34	-1.34	-4.69e-02	-5.07e-02
6	4	1890	4.73	-14.36	-14.36	4.73	5.58e-02	-4.40e-02	-1.35	-1.35	-4.55e-02	-4.35e-02
6	4	1891	4.97	-14.10	-14.07	4.95	0.64	-1.91e-02	-1.31	-1.31	-2.00e-02	-3.56e-02
6	4	1892	5.31	-13.41	-13.31	5.22	1.30	2.99e-02	-1.22	-1.22	2.93e-02	-2.68e-02
6	4	1893	5.76	-12.31	-12.07	5.52	2.05	0.10	-1.08	-1.08	0.10	-1.72e-02
6	4	1894	6.35	-10.83	-10.33	5.85	2.90	0.20	-0.90	-0.90	0.20	-6.77e-03
6	4	1895	7.13	-9.05	-8.06	6.15	3.87	0.31	-0.68	-0.68	0.31	3.95e-03
6	4	1896	8.22	-7.01	-5.19	6.40	4.95	0.41	-0.46	-0.46	0.41	1.25e-02



6	4	1897	9.92	-3.91	-0.22	6.23	6.12	0.29	-0.24	-0.24	0.29	3.15e-03
6	4	1898	19.82	0.53	14.33	6.02	-8.70	1.06	2.88e-02	1.03	5.64e-02	-0.17
6	4	1899	15.12	-0.22	9.75	5.15	-7.32	0.62	-0.50	0.60	-0.49	-0.15
6	4	1900	11.05	-1.25	4.99	4.81	-6.15	0.17	-0.74	0.15	-0.71	-0.14
6	4	1901	8.11	-2.82	0.77	4.51	-5.14	-0.25	-0.95	-0.28	-0.92	-0.13
6	4	1902	6.24	-4.86	-2.87	4.24	-4.26	-0.63	-1.15	-0.66	-1.11	-0.13
6	4	1903	5.12	-7.06	-5.95	4.02	-3.49	-0.94	-1.33	-0.98	-1.29	-0.12
6	4	1904	4.46	-9.13	-8.52	3.85	-2.81	-1.21	-1.49	-1.26	-1.44	-0.11
6	4	1905	4.07	-10.90	-10.58	3.74	-2.19	-1.42	-1.62	-1.48	-1.56	-9.62e-02
6	4	1906	3.84	-12.30	-12.14	3.68	-1.60	-1.57	-1.74	-1.65	-1.65	-8.25e-02
6	4	1907	3.75	-13.30	-13.23	3.69	-1.03	-1.67	-1.82	-1.77	-1.72	-6.73e-02
6	4	1908	3.76	-13.86	-13.85	3.75	-0.46	-1.72	-1.86	-1.83	-1.74	-5.08e-02
6	4	1909	3.87	-14.00	-14.00	3.86	0.14	-1.73	-1.85	-1.84	-1.74	-3.34e-02
6	4	1910	4.06	-13.71	-13.68	4.02	0.79	-1.70	-1.80	-1.80	-1.70	-1.52e-02
6	4	1911	4.35	-13.01	-12.88	4.22	1.49	-1.62	-1.70	-1.70	-1.62	3.43e-03
6	4	1912	4.75	-11.91	-11.60	4.44	2.27	-1.50	-1.56	-1.54	-1.52	2.24e-02
6	4	1913	5.31	-10.46	-9.81	4.66	3.13	-1.31	-1.40	-1.33	-1.38	4.15e-02
6	4	1914	6.09	-8.73	-7.51	4.87	4.07	-1.04	-1.23	-1.06	-1.21	6.07e-02
6	4	1915	7.20	-6.89	-4.71	5.03	5.09	-0.72	-1.02	-0.74	-0.99	8.11e-02
6	4	1916	8.83	-5.94	-2.61	5.50	6.17	-0.36	-0.62	-0.44	-0.54	0.12
6	4	1917	19.67	-0.52	15.21	3.94	-8.38	1.33	0.59	1.28	0.64	-0.18
6	4	1918	13.93	-1.05	8.69	4.19	-7.14	1.08	0.64	0.94	0.79	-0.21
6	4	1919	10.01	-2.17	3.82	4.02	-6.09	0.75	0.32	0.50	0.56	-0.21
6	4	1920	7.34	-3.83	-0.35	3.85	-5.18	0.43	-4.49e-02	8.43e-02	0.30	-0.21
6	4	1921	5.68	-5.90	-3.92	3.70	-4.36	0.15	-0.39	-0.30	6.22e-02	-0.20
6	4	1922	4.69	-8.07	-6.94	3.56	-3.63	-9.16e-02	-0.70	-0.63	-0.16	-0.19
6	4	1923	4.10	-10.07	-9.43	3.45	-2.95	-0.30	-0.96	-0.91	-0.35	-0.17
6	4	1924	3.73	-11.77	-11.42	3.38	-2.31	-0.48	-1.18	-1.14	-0.51	-0.15
6	4	1925	3.52	-13.10	-12.93	3.35	-1.69	-0.62	-1.34	-1.32	-0.64	-0.12
6	4	1926	3.42	-14.03	-13.97	3.35	-1.08	-0.71	-1.45	-1.44	-0.72	-8.65e-02
6	4	1927	3.41	-14.55	-14.54	3.40	-0.45	-0.75	-1.51	-1.50	-0.76	-5.22e-02
6	4	1928	3.48	-14.65	-14.65	3.48	0.19	-0.75	-1.51	-1.51	-0.75	-1.63e-02
6	4	1929	3.63	-14.33	-14.29	3.59	0.88	-0.69	-1.46	-1.46	-0.69	2.00e-02
6	4	1930	3.87	-13.61	-13.46	3.72	1.61	-0.59	-1.36	-1.35	-0.59	5.59e-02
6	4	1931	4.22	-12.50	-12.15	3.87	2.40	-0.43	-1.20	-1.19	-0.45	9.07e-02
6	4	1932	4.72	-11.04	-10.33	4.02	3.26	-0.24	-1.00	-0.98	-0.26	0.12
6	4	1933	5.45	-9.29	-7.99	4.15	4.18	-1.38e-02	-0.77	-0.74	-4.64e-02	0.15
6	4	1934	6.55	-7.32	-5.04	4.27	5.14	0.20	-0.54	-0.49	0.16	0.18
6	4	1935	8.49	-4.34	0.12	4.02	6.11	0.20	-0.33	-0.25	0.13	0.19
6	4	1936	17.33	-1.14	12.77	3.42	-7.97	1.03	-0.12	0.95	-4.63e-02	-0.29
6	4	1937	13.07	-1.88	8.27	2.91	-6.98	0.61	-0.72	0.53	-0.65	-0.31
6	4	1938	9.39	-2.86	3.68	2.85	-6.11	0.17	-1.05	7.54e-02	-0.95	-0.33
6	4	1939	6.76	-4.31	-0.33	2.77	-5.31	-0.26	-1.36	-0.37	-1.25	-0.33
6	4	1940	5.05	-6.12	-3.75	2.68	-4.57	-0.65	-1.67	-0.76	-1.55	-0.32
6	4	1941	4.00	-8.03	-6.63	2.60	-3.86	-0.99	-1.94	-1.10	-1.83	-0.30
6	4	1942	3.34	-9.82	-9.00	2.52	-3.18	-1.30	-2.17	-1.39	-2.08	-0.27
6	4	1943	2.92	-11.35	-10.89	2.47	-2.51	-1.56	-2.36	-1.63	-2.29	-0.23
6	4	1944	2.67	-12.54	-12.31	2.44	-1.85	-1.76	-2.50	-1.81	-2.45	-0.18
6	4	1945	2.53	-13.36	-13.27	2.44	-1.18	-1.91	-2.58	-1.93	-2.56	-0.12
6	4	1946	2.48	-13.80	-13.79	2.46	-0.50	-1.99	-2.61	-1.99	-2.61	-5.61e-02
6	4	1947	2.52	-13.86	-13.86	2.52	0.21	-2.00	-2.59	-2.00	-2.59	8.78e-03
6	4	1948	2.64	-13.54	-13.49	2.59	0.94	-1.93	-2.52	-1.94	-2.51	7.38e-02
6	4	1949	2.87	-12.84	-12.65	2.68	1.72	-1.79	-2.40	-1.82	-2.37	0.14
6	4	1950	3.21	-11.78	-11.34	2.77	2.53	-1.58	-2.24	-1.65	-2.17	0.20
6	4	1951	3.73	-10.40	-9.54	2.87	3.38	-1.31	-2.03	-1.41	-1.92	0.25
6	4	1952	4.52	-8.78	-7.23	2.96	4.27	-0.98	-1.76	-1.11	-1.63	0.30
6	4	1953	5.70	-7.08	-4.44	3.05	5.18	-0.60	-1.44	-0.76	-1.28	0.33
6	4	1954	7.34	-6.21	-2.44	3.57	6.07	-0.16	-0.93	-0.43	-0.66	0.37
6	4	1955	16.60	-1.88	12.89	1.83	-7.40	1.34	0.39	1.16	0.56	-0.36
6	4	1956	11.53	-2.42	6.78	2.33	-6.61	1.18	0.29	0.83	0.64	-0.44
6	4	1957	8.21	-3.58	2.30	2.33	-5.89	0.84	-0.13	0.40	0.31	-0.48
6	4	1958	5.93	-5.13	-1.48	2.29	-5.20	0.46	-0.54	-2.31e-02	-6.44e-02	-0.50
6	4	1959	4.46	-6.92	-4.69	2.22	-4.52	6.75e-02	-0.92	-0.41	-0.44	-0.49
6	4	1960	3.51	-8.74	-7.38	2.15	-3.85	-0.31	-1.25	-0.75	-0.81	-0.47
6	4	1961	2.90	-10.40	-9.59	2.09	-3.19	-0.67	-1.51	-1.05	-1.13	-0.42
6	4	1962	2.50	-11.80	-11.33	2.03	-2.53	-0.99	-1.70	-1.29	-1.41	-0.35
6	4	1963	2.23	-12.87	-12.64	2.00	-1.87	-1.27	-1.82	-1.47	-1.63	-0.26
6	4	1964	2.07	-13.61	-13.52	1.98	-1.20	-1.49	-1.87	-1.59	-1.77	-0.17
6	4	1965	2.00	-13.99	-13.97	1.99	-0.52	-1.63	-1.86	-1.65	-1.84	-6.38e-02
6	4	1966	2.02	-14.02	-14.01	2.01	0.18	-1.64	-1.83	-1.65	-1.82	4.48e-02
6	4	1967	2.11	-13.68	-13.63	2.06	0.91	-1.49	-1.82	-1.59	-1.71	0.15
6	4	1968	2.30	-12.99	-12.81	2.11	1.66	-1.24	-1.76	-1.47	-1.53	0.26
6	4	1969	2.60	-11.96	-11.54	2.18	2.45	-0.92	-1.63	-1.29	-1.26	0.35
6	4	1970	3.07	-10.62	-9.79	2.24	3.26	-0.55	-1.43	-1.05	-0.93	0.44
6	4	1971	3.79	-9.02	-7.54	2.32	4.09	-0.15	-1.18	-0.78	-0.55	0.50
6	4	1972	4.95	-7.20	-4.68	2.43	4.93	0.23	-0.93	-0.51	-0.18	0.56
6	4	1973	7.16	-4.43	0.47	2.26	5.72	0.43	-0.76	-0.25	-8.24e-02	0.59



6	4	1974	13.86	-2.17	9.85	1.84	-6.94	0.88	-0.41	0.68	-0.20	-0.47
6	4	1975	10.61	-3.18	5.96	1.47	-6.52	0.59	-1.04	0.34	-0.79	-0.59
6	4	1976	7.68	-4.25	2.01	1.43	-5.96	0.25	-1.45	-6.42e-02	-1.13	-0.67
6	4	1977	5.47	-5.56	-1.46	1.37	-5.33	-0.10	-1.84	-0.46	-1.49	-0.70
6	4	1978	3.93	-7.04	-4.42	1.31	-4.68	-0.45	-2.19	-0.80	-1.84	-0.70
6	4	1979	2.89	-8.56	-6.91	1.24	-4.02	-0.78	-2.47	-1.10	-2.16	-0.66
6	4	1980	2.18	-9.97	-8.96	1.18	-3.35	-1.09	-2.69	-1.34	-2.44	-0.59
6	4	1981	1.70	-11.16	-10.58	1.13	-2.67	-1.36	-2.85	-1.54	-2.67	-0.49
6	4	1982	1.38	-12.09	-11.79	1.09	-1.98	-1.58	-2.95	-1.69	-2.85	-0.36
6	4	1983	1.18	-12.72	-12.60	1.06	-1.29	-1.74	-3.00	-1.78	-2.96	-0.22
6	4	1984	1.08	-13.04	-13.01	1.06	-0.58	-1.83	-3.01	-1.83	-3.01	-7.34e-02
6	4	1985	1.06	-13.03	-13.03	1.06	0.14	-1.82	-3.00	-1.83	-2.99	8.34e-02
6	4	1986	1.14	-12.69	-12.64	1.08	0.88	-1.72	-2.95	-1.77	-2.90	0.24
6	4	1987	1.32	-12.04	-11.83	1.11	1.64	-1.54	-2.87	-1.67	-2.75	0.39
6	4	1988	1.63	-11.08	-10.61	1.15	2.42	-1.29	-2.75	-1.51	-2.52	0.53
6	4	1989	2.12	-9.86	-8.93	1.20	3.20	-0.97	-2.56	-1.30	-2.23	0.65
6	4	1990	2.91	-8.42	-6.78	1.27	3.99	-0.60	-2.30	-1.03	-1.87	0.74
6	4	1991	4.10	-6.91	-4.19	1.39	4.75	-0.20	-1.96	-0.71	-1.44	0.80
6	4	1992	5.71	-6.01	-2.33	2.03	5.44	0.26	-1.40	-0.41	-0.73	0.82
6	4	1993	12.24	-2.24	8.97	1.02	-6.05	1.28	7.53e-02	0.81	0.54	-0.59
6	4	1994	8.48	-3.03	4.25	1.20	-5.54	1.35	-0.19	0.57	0.59	-0.77
6	4	1995	5.84	-4.12	0.66	1.07	-4.98	1.10	-0.65	0.23	0.22	-0.87
6	4	1996	3.98	-5.45	-2.44	0.96	-4.40	0.79	-1.04	-8.81e-02	-0.17	-0.91
6	4	1997	2.74	-6.97	-5.10	0.87	-3.82	0.45	-1.35	-0.37	-0.53	-0.90
6	4	1998	1.92	-8.50	-7.35	0.78	-3.25	0.12	-1.57	-0.61	-0.84	-0.84
6	4	1999	1.39	-9.90	-9.21	0.71	-2.69	-0.20	-1.70	-0.81	-1.10	-0.73
6	4	2000	1.03	-11.08	-10.69	0.64	-2.13	-0.51	-1.76	-0.96	-1.30	-0.60
6	4	2001	0.79	-11.99	-11.79	0.59	-1.58	-0.78	-1.74	-1.07	-1.45	-0.44
6	4	2002	0.63	-12.60	-12.52	0.55	-1.03	-1.00	-1.67	-1.14	-1.54	-0.27
6	4	2003	0.55	-12.89	-12.88	0.53	-0.48	-1.16	-1.59	-1.17	-1.57	-7.99e-02
6	4	2004	0.52	-12.87	-12.87	0.52	8.19e-02	-1.13	-1.59	-1.16	-1.56	0.11
6	4	2005	0.56	-12.52	-12.49	0.53	0.65	-0.94	-1.66	-1.12	-1.49	0.31
6	4	2006	0.67	-11.86	-11.73	0.55	1.24	-0.67	-1.73	-1.04	-1.36	0.50
6	4	2007	0.87	-10.88	-10.59	0.58	1.83	-0.35	-1.74	-0.91	-1.17	0.68
6	4	2008	1.21	-9.63	-9.04	0.63	2.44	1.93e-02	-1.69	-0.75	-0.92	0.85
6	4	2009	1.78	-8.14	-7.07	0.72	3.07	0.42	-1.56	-0.55	-0.58	0.99
6	4	2010	2.77	-6.47	-4.60	0.89	3.72	0.84	-1.39	-0.35	-0.20	1.11
6	4	2011	4.72	-4.06	-0.29	0.95	4.35	1.10	-1.29	-0.13	-5.55e-02	1.19
6	4	2012	10.19	-2.25	6.90	1.03	-5.48	0.48	-0.76	3.65e-03	-0.28	-0.60
6	4	2013	7.22	-3.13	3.70	0.38	-4.90	0.65	-1.14	4.35e-02	-0.53	-0.85
6	4	2014	4.66	-3.94	0.47	0.25	-4.30	0.74	-1.24	-4.30e-02	-0.45	-0.97
6	4	2015	2.81	-5.07	-2.44	0.18	-3.71	0.76	-1.26	-0.14	-0.35	-1.00
6	4	2016	1.64	-6.48	-4.96	0.13	-3.16	0.73	-1.22	-0.22	-0.26	-0.98
6	4	2017	0.94	-7.98	-7.12	7.94e-02	-2.64	0.67	-1.13	-0.28	-0.17	-0.90
6	4	2018	0.53	-9.39	-8.90	3.55e-02	-2.15	0.59	-0.99	-0.33	-7.50e-02	-0.78
6	4	2019	0.27	-10.59	-10.33	-2.80e-03	-1.69	0.49	-0.83	-0.36	1.65e-02	-0.63
6	4	2020	0.10	-11.52	-11.39	-3.48e-02	-1.25	0.38	-0.64	-0.37	0.10	-0.45
6	4	2021	-4.91e-03	-12.15	-12.10	-6.01e-02	-0.82	0.29	-0.47	-0.37	0.19	-0.26
6	4	2022	-6.56e-02	-12.46	-12.45	-7.83e-02	-0.40	0.26	-0.36	-0.35	0.26	-6.26e-02
6	4	2023	-8.94e-02	-12.45	-12.45	-8.95e-02	2.40e-02	0.34	-0.36	-0.33	0.31	0.14
6	4	2024	-7.69e-02	-12.10	-12.08	-9.37e-02	0.45	0.50	-0.45	-0.30	0.35	0.35
6	4	2025	-2.22e-02	-11.43	-11.36	-9.12e-02	0.88	0.67	-0.59	-0.26	0.35	0.55
6	4	2026	9.01e-02	-10.43	-10.26	-8.14e-02	1.33	0.83	-0.74	-0.22	0.31	0.74
6	4	2027	0.29	-9.13	-8.78	-6.11e-02	1.80	0.95	-0.90	-0.18	0.22	0.91
6	4	2028	0.67	-7.59	-6.90	-1.36e-02	2.28	1.02	-1.09	-0.13	7.04e-02	1.05
6	4	2029	1.39	-5.92	-4.64	0.11	2.78	1.01	-1.30	-0.13	-0.15	1.16
6	4	2030	2.78	-4.68	-2.60	0.70	3.35	0.94	-1.40	-0.31	-0.16	1.17
6	4	2031	6.46	-1.02	5.62	-0.18	-2.35	0.69	-0.53	1.35e-03	0.16	-0.61
6	4	2032	3.34	-0.92	2.53	-0.10	-1.68	1.33	-5.16e-02	0.29	0.99	-0.60
6	4	2033	0.97	-1.65	-0.50	-0.18	-1.30	1.93	0.15	0.47	1.62	-0.68
6	4	2034	0.12	-3.55	-3.22	-0.21	-1.06	2.50	0.34	0.61	2.22	-0.72
6	4	2035	-9.59e-02	-5.73	-5.60	-0.23	-0.86	3.01	0.53	0.75	2.79	-0.71
6	4	2036	-0.18	-7.70	-7.64	-0.25	-0.70	3.48	0.71	0.88	3.31	-0.65
6	4	2037	-0.23	-9.37	-9.34	-0.26	-0.56	3.88	0.88	0.99	3.77	-0.56
6	4	2038	-0.26	-10.72	-10.70	-0.28	-0.45	4.24	1.03	1.09	4.17	-0.44
6	4	2039	-0.28	-11.74	-11.72	-0.30	-0.36	4.54	1.15	1.18	4.51	-0.30
6	4	2040	-0.30	-12.42	-12.41	-0.31	-0.29	4.78	1.24	1.25	4.78	-0.15
6	4	2041	-0.32	-12.76	-12.76	-0.32	-0.22	4.97	1.30	1.30	4.97	1.24e-02
6	4	2042	-0.33	-12.76	-12.76	-0.34	-0.15	5.08	1.33	1.34	5.08	0.17
6	4	2043	-0.35	-12.42	-12.42	-0.35	-8.46e-02	5.11	1.32	1.35	5.08	0.32
6	4	2044	-0.35	-11.74	-11.74	-0.35	-1.01e-02	5.03	1.28	1.34	4.98	0.46
6	4	2045	-0.35	-10.71	-10.71	-0.35	7.30e-02	4.82	1.20	1.29	4.73	0.57
6	4	2046	-0.35	-9.35	-9.34	-0.35	0.17	4.44	1.07	1.19	4.32	0.65
6	4	2047	-0.32	-7.64	-7.63	-0.33	0.27	3.86	0.87	1.04	3.70	0.69
6	4	2048	-0.21	-5.60	-5.56	-0.25	0.47	3.06	0.58	0.80	2.84	0.70
6	4	2049	0.12	-3.40	-3.16	-0.12	0.89	1.96	-5.89e-02	0.38	1.52	0.84
6	4	2288	54.03	8.00	10.08	51.94	9.58	1.41	-1.20	-4.55e-02	0.26	1.30



6	4	2289	0.31	-0.66	-0.56	0.21	0.29	-0.58	-1.74	-0.61	-1.72	-0.16
6	4	2290	2.90	-8.73e-02	-8.70e-02	2.90	-2.84e-02	1.05	-0.86	7.15e-02	0.12	-0.95
6	4	2291	2.08	-0.28	-0.28	2.08	-2.91e-02	0.86	-0.37	0.23	0.25	-0.61
6	4	2292	2.48	-0.34	-0.34	2.48	-1.97e-03	0.48	-3.25e-02	0.29	0.16	-0.25
6	4	2293	4.25	-0.36	-0.36	4.25	2.30e-03	0.33	6.73e-02	0.32	7.61e-02	-4.68e-02
6	4	2294	6.93	-0.37	-0.37	6.93	-4.15e-03	0.33	6.22e-02	0.32	7.53e-02	5.77e-02
6	4	2295	10.50	-0.38	-0.38	10.50	-7.84e-03	0.45	2.79e-02	0.30	0.18	0.20
6	4	2296	15.77	-0.38	-0.38	15.77	8.54e-03	0.88	-0.24	0.24	0.40	0.55
6	4	2297	24.50	-0.46	-0.46	24.50	1.50e-02	1.51	-0.84	5.87e-02	0.62	1.14
6	4	2298	13.46	0.30	0.30	13.46	-5.42e-03	0.50	-0.37	-0.27	0.39	-0.28
6	4	2300	31.86	-2.43	-2.35	31.78	-1.64	1.34	-1.15	-4.89e-02	0.24	1.24
6	4	2301	2.41	0.24	0.25	2.40	0.12	0.56	-0.88	-4.40e-02	-0.28	-0.71
6	4	2302	6.26	0.33	0.33	6.26	-2.16e-02	0.22	-0.32	-0.31	0.22	-3.14e-02
6	4	2303	2.98	0.19	0.19	2.98	-0.12	0.83	-0.75	-0.18	0.27	-0.75
6	4	2304	4.02	0.32	0.32	4.02	-3.45e-02	0.30	-0.35	-0.31	0.25	-0.17
6	4	2305	2.82	0.27	0.27	2.82	-7.18e-02	0.54	-0.49	-0.27	0.32	-0.42
6	4	2306	13.46	0.30	0.30	13.46	5.42e-03	0.50	-0.37	-0.27	0.39	0.28
6	4	2307	9.28	0.33	0.33	9.28	-1.75e-02	0.27	-0.31	-0.30	0.26	7.23e-02
6	4	2308	19.98	0.19	0.19	19.98	6.60e-02	1.04	-0.64	-0.19	0.59	0.74
6	4	2310	54.03	8.00	10.08	51.94	-9.58	1.41	-1.20	-4.55e-02	0.26	-1.30
6	4	2311	0.31	-0.66	-0.56	0.21	-0.29	-0.58	-1.74	-0.61	-1.72	0.16
6	4	2331	9.28	0.33	0.33	9.28	1.75e-02	0.27	-0.31	-0.30	0.26	-7.23e-02
6	4	2333	31.86	-2.43	-2.35	31.78	1.64	1.34	-1.15	-4.89e-02	0.24	-1.24
6	4	2334	2.90	-8.73e-02	-8.70e-02	2.90	2.84e-02	1.05	-0.86	7.15e-02	0.12	0.95
6	4	2335	19.98	0.19	0.19	19.98	-6.60e-02	1.04	-0.64	-0.19	0.59	-0.74
6	4	2336	2.08	-0.28	-0.28	2.08	2.91e-02	0.86	-0.37	0.23	0.25	0.61
6	4	2337	2.48	-0.34	-0.34	2.48	1.97e-03	0.48	-3.25e-02	0.29	0.16	0.25
6	4	2339	4.25	-0.36	-0.36	4.25	-2.30e-03	0.33	6.73e-02	0.32	7.61e-02	4.68e-02
6	4	2340	6.93	-0.37	-0.37	6.93	4.15e-03	0.33	6.22e-02	0.32	7.53e-02	-5.77e-02
6	4	2341	10.50	-0.38	-0.38	10.50	7.85e-03	0.45	2.79e-02	0.30	0.18	-0.20
6	4	2342	15.77	-0.38	-0.38	15.77	-8.54e-03	0.88	-0.24	0.24	0.40	-0.55
6	4	2343	24.50	-0.46	-0.46	24.50	-1.50e-02	1.51	-0.84	5.87e-02	0.62	-1.14
6	4	2345	2.41	0.24	0.25	2.40	-0.12	0.56	-0.88	-4.40e-02	-0.28	0.71
6	4	2346	6.26	0.33	0.33	6.26	2.16e-02	0.22	-0.32	-0.31	0.22	3.14e-02
6	4	2347	2.98	0.19	0.19	2.98	0.12	0.83	-0.75	-0.18	0.27	0.75
6	4	2348	4.02	0.32	0.32	4.02	3.45e-02	0.30	-0.35	-0.31	0.25	0.17
6	4	2349	2.82	0.27	0.27	2.82	7.18e-02	0.54	-0.49	-0.27	0.32	0.42

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	139.21	-121.45	-121.44	-8.19	-24.50	25.53	-139.60	-77.88	-139.58	-12.65
			71.95	139.16	24.50			9.78	22.89	12.08

Macro	Tipo	Angolo 1-X (gradi)
15	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
15	1	11	-6.73	-27.91	-6.74	-27.90	0.37	-3.70e-02	-9.53e-02	-3.70e-02	-9.53e-02	-1.28e-03
15	1	12	1.43e-02	-0.77	-0.16	-0.60	0.33	0.26	-0.36	0.23	-0.33	0.13
15	1	13	0.11	-8.87	1.25e-02	-8.77	-0.93	0.39	2.69e-02	0.29	0.13	-0.17
15	1	14	-0.12	-4.59	-0.12	-4.59	-2.31e-02	0.96	-0.25	0.56	0.15	0.57
15	1	15	5.09e-02	-23.28	1.42e-03	-23.23	1.07	0.53	-7.49e-02	0.29	0.17	0.30
15	1	16	-8.33e-02	-25.39	-0.12	-25.34	1.03	0.33	0.12	0.29	0.16	8.11e-02
15	1	17	4.85e-02	-21.16	1.19e-02	-21.12	0.88	0.58	-0.12	0.29	0.17	0.34
15	1	18	3.09e-02	-18.81	2.60e-02	-18.80	0.30	0.37	9.95e-02	0.29	0.17	0.12
15	1	19	4.95e-02	-16.05	3.42e-02	-16.04	-0.50	0.47	-7.45e-03	0.29	0.17	-0.23
15	1	20	0.12	-12.77	3.08e-02	-12.68	-1.09	0.63	-0.18	0.29	0.16	-0.40
15	1	31	1.28	-27.28	1.24	-27.23	1.11	0.28	0.16	0.28	0.16	-4.72e-03
15	1	37	5.26e-02	-22.23	5.30e-03	-22.18	1.03	0.59	-0.13	0.29	0.17	0.36
15	1	38	0.92	-2.91	0.57	-2.56	1.09	1.69	-0.14	1.02	0.52	0.88
15	1	50	8.71e-02	-14.49	3.31e-02	-14.43	-0.89	0.62	-0.16	0.29	0.17	-0.38
15	1	51	7.37e-02	-6.82	1.71e-02	-6.76	-0.62	0.35	7.73e-02	0.30	0.13	0.10
15	1	61	0.16	-10.92	2.45e-02	-10.79	-1.22	0.61	-0.16	0.30	0.15	-0.38
15	1	70	3.92e-02	-20.02	1.87e-02	-20.00	0.64	0.50	-4.07e-02	0.29	0.17	0.27
15	1	75	3.05e-02	-17.48	3.00e-02	-17.48	-9.90e-02	0.32	0.14	0.29	0.17	-6.63e-02
15	1	79	4.03e-02	-24.33	-5.90e-03	-24.28	1.06	0.44	2.47e-02	0.30	0.16	0.20
15	1	89	2.81e-02	-17.03	2.75e-02	-17.03	0.10	0.32	0.15	0.29	0.17	5.62e-02
15	1	103	2.65	-14.15	-0.11	-11.40	6.22	1.91	-1.53	0.30	7.36e-02	1.72
15	1	106	0.11	-12.30	2.71e-02	-12.22	0.98	0.60	-0.15	0.29	0.16	0.37
15	1	112	0.17	-54.08	-0.22	-53.69	-4.55	1.51	-1.04	0.31	0.16	-1.28



15	1	117	-0.48	-31.14	-0.48	-31.13	-0.33	0.78	-0.44	0.30	3.90e-02	0.60
15	1	121	0.63	-105.42	0.20	-104.99	-6.73	1.04	-0.34	0.30	0.40	-0.69
15	1	140	1.27	-27.16	1.24	-27.13	-0.95	0.28	0.16	0.28	0.16	1.71e-02
15	1	152	0.56	-18.60	-0.39	-17.65	4.18	2.41	-2.08	0.30	2.41e-02	2.24
15	1	153	3.37	-10.23	0.16	-7.02	5.78	0.38	3.65e-02	0.31	0.11	0.14
15	1	156	2.74e-02	-18.37	2.37e-02	-18.37	-0.26	0.36	0.10	0.29	0.17	-0.11
15	1	157	2.96e-02	-24.11	-5.46e-03	-24.08	-0.92	0.42	4.25e-02	0.30	0.16	-0.18
15	1	178	-6.72	-27.87	-6.72	-27.86	-0.32	-3.26e-02	-9.74e-02	-3.61e-02	-9.39e-02	1.46e-02
15	1	179	4.15e-02	-21.91	4.43e-03	-21.87	-0.90	0.57	-0.11	0.29	0.16	-0.33
15	1	180	0.98	-2.76	0.71	-2.49	-0.96	1.62	-0.13	0.99	0.50	-0.84
15	1	181	0.18	-0.97	-0.21	-0.58	0.54	0.25	-0.35	0.22	-0.32	-0.13
15	1	201	-31.94	-134.83	-31.98	-134.78	2.14	7.62e-02	-0.69	-0.22	-0.40	0.37
15	1	202	12.21	-10.75	2.31	-0.84	11.37	0.32	-0.28	0.28	-0.23	-0.16
15	1	203	2.50	-12.64	-9.38e-03	-10.13	-5.63	1.05	-0.70	0.29	7.15e-02	-0.87
15	1	204	4.24	-8.56	-0.76	-3.57	-6.24	0.92	-0.36	0.44	0.12	0.62
15	1	205	0.60	-90.37	0.17	-89.94	6.25	1.31	-0.67	0.30	0.35	0.99
15	1	206	-2.21e-02	-111.67	-0.40	-111.29	6.46	0.75	-6.24e-02	0.29	0.40	0.40
15	1	207	0.37	-66.05	-6.05e-02	-65.63	5.31	1.59	-1.08	0.29	0.22	1.34
15	1	208	-0.21	-42.31	-0.36	-42.16	2.50	0.59	-0.24	0.28	7.59e-02	0.41
15	1	209	-0.35	-24.85	-0.47	-24.73	-1.71	1.47	-1.21	0.27	-1.08e-02	-1.33
15	1	210	1.23	-16.78	-0.25	-15.30	-4.95	2.05	-1.75	0.28	1.95e-02	-1.90
15	1	221	6.79	-125.77	6.38	-125.36	7.39	0.70	0.15	0.38	0.47	0.27
15	1	227	0.53	-78.49	7.98e-02	-78.03	5.98	1.59	-0.99	0.30	0.30	1.29
15	1	228	10.60	-7.70	8.36	-5.46	6.00	1.46	-0.20	0.85	0.41	0.80
15	1	240	0.37	-20.11	-0.35	-19.39	-3.77	2.18	-1.84	0.30	4.30e-02	-2.01
15	1	241	2.96	-10.54	0.14	-7.72	-5.49	0.42	4.83e-03	0.31	0.11	-0.18
15	1	251	2.18	-14.80	-0.12	-12.50	-5.81	1.81	-1.43	0.30	7.76e-02	-1.62
15	1	260	0.14	-53.93	-0.19	-53.60	4.21	1.34	-0.86	0.30	0.17	1.10
15	1	265	-0.39	-32.75	-0.40	-32.75	0.38	0.73	-0.37	0.30	6.50e-02	-0.54
15	1	269	0.57	-101.46	0.17	-101.06	6.34	1.01	-0.32	0.30	0.39	0.66
15	1	273	7.62e-02	-14.01	2.99e-02	-13.96	0.81	0.59	-0.13	0.29	0.16	0.35
15	1	277	5.49e-02	-6.48	1.72e-02	-6.44	0.49	0.35	7.36e-02	0.30	0.12	-0.11
15	1	289	0.13	-10.48	2.11e-02	-10.37	1.09	0.58	-0.13	0.30	0.15	0.35
15	1	298	3.29e-02	-19.61	1.69e-02	-19.60	-0.56	0.49	-2.52e-02	0.30	0.17	-0.25
15	1	303	8.61e-02	-8.47	9.71e-03	-8.40	0.81	0.38	3.92e-02	0.29	0.13	0.15
15	1	304	-0.12	-4.31	-0.12	-4.31	-0.11	0.93	-0.23	0.55	0.15	-0.55
15	1	305	3.94e-02	-23.01	1.17e-03	-22.97	-0.94	0.51	-5.26e-02	0.29	0.16	-0.27
15	1	306	-9.26e-02	-25.22	-0.12	-25.19	-0.88	0.32	0.13	0.29	0.16	-6.59e-02
15	1	309	3.93e-02	-20.79	1.06e-02	-20.76	-0.77	0.56	-9.86e-02	0.29	0.17	-0.32
15	1	312	4.46e-02	-15.58	3.11e-02	-15.57	0.46	0.45	1.18e-02	0.29	0.17	0.21
15	1	313	-33.33	-140.80	-33.38	-140.76	-2.27	6.89e-02	-0.70	-0.23	-0.41	-0.38
15	1	314	14.16	-10.68	4.16	-0.69	-12.18	0.29	-0.25	0.23	-0.20	0.17
15	1	315	2.94	-12.19	4.21e-03	-9.26	5.98	1.08	-0.72	0.29	7.17e-02	0.89
15	1	316	4.80	-8.54	-0.89	-2.85	6.59	0.98	-0.44	0.43	0.11	-0.69
15	1	317	0.67	-93.59	0.20	-93.12	-6.65	1.39	-0.73	0.30	0.36	-1.06
15	1	318	-8.05e-04	-116.25	-0.40	-115.85	-6.84	0.76	-5.72e-02	0.29	0.42	-0.40
15	1	319	0.43	-67.33	-4.98e-02	-66.85	-5.70	1.77	-1.25	0.29	0.22	-1.51
15	1	320	-0.26	-41.36	-0.43	-41.19	-2.68	0.67	-0.34	0.27	5.10e-02	-0.49
15	1	321	-0.38	-23.01	-0.55	-22.84	1.95	1.62	-1.40	0.26	-4.03e-02	1.50
15	1	322	1.61	-15.77	-0.25	-13.91	5.38	2.23	-1.94	0.28	1.26e-02	2.08
15	1	333	7.12	-131.16	6.67	-130.71	-7.83	0.71	0.17	0.39	0.49	-0.27
15	1	339	0.61	-80.81	0.11	-80.31	-6.39	1.72	-1.11	0.30	0.31	-1.41
15	1	340	11.77	-7.69	9.26	-5.19	-6.52	1.48	-0.30	0.80	0.38	-0.87
15	1	725	2.90	-0.29	2.54	7.38e-02	-1.01	-0.34	-1.52	-0.78	-1.09	-0.57
15	1	726	4.52	-0.25	4.31	-3.50e-02	-0.98	0.50	-0.76	-5.62e-03	-0.26	-0.62
15	1	727	6.52	-0.14	6.41	-2.81e-02	-0.85	0.59	-0.32	2.96e-02	0.24	-0.44
15	1	728	8.30	-8.20e-02	8.22	-6.15e-03	-0.79	0.59	-0.20	2.45e-02	0.36	-0.35
15	1	729	9.85	-6.01e-02	9.79	-5.47e-03	-0.73	0.56	-0.13	1.94e-02	0.40	-0.29
15	1	730	11.15	-5.00e-02	11.11	-1.07e-02	-0.66	0.52	-9.28e-02	1.13e-02	0.42	-0.23
15	1	731	12.20	-4.48e-02	12.17	-1.74e-02	-0.58	0.48	-6.09e-02	3.21e-03	0.42	-0.17
15	1	732	13.00	-4.25e-02	12.98	-2.48e-02	-0.48	0.45	-3.48e-02	-3.22e-03	0.41	-0.12
15	1	733	13.55	-4.25e-02	13.54	-3.25e-02	-0.37	0.42	-1.64e-02	-7.41e-03	0.41	-6.19e-02
15	1	734	13.86	-4.45e-02	13.85	-4.02e-02	-0.24	0.41	-9.35e-03	-9.32e-03	0.41	-3.31e-03
15	1	735	13.94	-4.87e-02	13.93	-4.79e-02	-0.10	0.41	-1.68e-02	-9.17e-03	0.41	5.67e-02
15	1	736	13.80	-5.55e-02	13.80	-5.54e-02	4.80e-02	0.43	-3.91e-02	-7.37e-03	0.40	0.12
15	1	737	13.46	-6.55e-02	13.45	-6.22e-02	0.21	0.47	-7.52e-02	-4.57e-03	0.40	0.18
15	1	738	12.94	-7.97e-02	12.92	-6.85e-02	0.38	0.51	-0.13	-1.89e-03	0.38	0.25
15	1	739	12.26	-0.10	12.23	-7.59e-02	0.56	0.55	-0.20	-1.41e-03	0.35	0.33
15	1	740	11.44	-0.15	11.39	-0.10	0.74	0.59	-0.31	-6.06e-03	0.29	0.42
15	1	741	10.50	-0.36	10.41	-0.27	0.96	0.62	-0.49	-1.13e-02	0.13	0.55
15	1	742	9.05	-0.48	8.73	-0.16	1.72	0.56	-1.08	-6.80e-02	-0.45	0.80
15	1	743	12.10	0.47	12.01	0.56	-1.01	-0.34	-1.95	-0.96	-1.34	0.78
15	1	929	10.01	0.47	9.92	0.55	0.89	-0.30	-1.88	-0.91	-1.27	-0.77
15	1	930	7.42	-0.53	7.05	-0.15	-1.68	0.56	-1.02	-5.00e-02	-0.41	-0.77
15	1	931	8.93	-0.36	8.83	-0.26	-0.97	0.62	-0.46	5.08e-03	0.15	-0.53
15	1	932	9.99	-0.15	9.94	-9.70e-02	-0.76	0.59	-0.28	8.96e-03	0.30	-0.41
15	1	933	10.93	-0.10	10.89	-7.00e-02	-0.59	0.55	-0.18	1.17e-02	0.36	-0.32



15	1	934	11.72	-7.79e-02	11.70	-6.27e-02	-0.42	0.51	-0.11	9.44e-03	0.39	-0.25
15	1	935	12.34	-6.20e-02	12.34	-5.65e-02	-0.26	0.47	-6.58e-02	5.25e-03	0.40	-0.18
15	1	936	12.78	-5.06e-02	12.78	-4.97e-02	-0.11	0.44	-3.14e-02	1.15e-03	0.40	-0.12
15	1	937	13.02	-4.23e-02	13.02	-4.22e-02	3.14e-02	0.42	-1.00e-02	-1.76e-03	0.41	-5.86e-02
15	1	938	13.03	-3.64e-02	13.03	-3.45e-02	0.16	0.41	-2.83e-03	-2.83e-03	0.41	5.67e-04
15	1	939	12.81	-3.25e-02	12.80	-2.66e-02	0.28	0.42	-9.74e-03	-1.63e-03	0.41	5.85e-02
15	1	940	12.34	-3.02e-02	12.32	-1.88e-02	0.38	0.45	-2.78e-02	2.04e-03	0.42	0.12
15	1	941	11.61	-2.97e-02	11.59	-1.12e-02	0.46	0.48	-5.31e-02	8.16e-03	0.42	0.17
15	1	942	10.62	-3.14e-02	10.60	-4.28e-03	0.54	0.52	-8.34e-02	1.62e-02	0.42	0.22
15	1	943	9.38	-3.68e-02	9.34	1.15e-03	0.60	0.56	-0.12	2.45e-02	0.41	0.28
15	1	944	7.88	-5.13e-02	7.83	1.48e-03	0.64	0.58	-0.18	3.03e-02	0.37	0.34
15	1	945	6.14	-9.07e-02	6.06	-1.24e-02	0.69	0.58	-0.29	3.62e-02	0.26	0.42
15	1	946	4.17	-0.17	4.03	-2.24e-02	0.78	0.50	-0.71	3.60e-03	-0.22	0.59
15	1	947	2.51	-0.33	2.10	7.36e-02	0.99	-0.32	-1.44	-0.73	-1.02	0.54
15	1	1397	2.20	-10.24	-8.16	0.12	-4.64	1.55	0.58	0.72	1.41	0.34
15	1	1398	5.70	-2.90	2.33	0.47	4.20	1.28	0.12	0.27	1.14	0.39
15	1	1399	5.51	-0.63	4.33	0.56	2.43	0.89	0.15	0.21	0.83	0.21
15	1	1400	7.83	-0.33	7.25	0.25	2.10	0.73	0.15	0.17	0.71	0.11
15	1	1401	10.05	-0.10	9.73	0.22	1.77	0.64	0.12	0.13	0.64	3.59e-02
15	1	1402	11.93	3.82e-02	11.75	0.21	1.44	0.59	9.42e-02	9.43e-02	0.59	-4.68e-03
15	1	1403	13.40	0.12	13.30	0.22	1.11	0.55	6.94e-02	7.06e-02	0.55	-2.41e-02
15	1	1404	14.43	0.17	14.39	0.22	0.78	0.53	5.28e-02	5.45e-02	0.53	-2.87e-02
15	1	1405	15.01	0.20	15.00	0.22	0.45	0.51	4.37e-02	4.49e-02	0.51	-2.39e-02
15	1	1406	15.15	0.21	15.15	0.22	0.12	0.51	4.06e-02	4.11e-02	0.51	-1.39e-02
15	1	1407	14.83	0.21	14.82	0.21	-0.21	0.51	4.29e-02	4.30e-02	0.51	-2.75e-03
15	1	1408	14.06	0.19	14.04	0.21	-0.53	0.52	5.10e-02	5.11e-02	0.52	5.34e-03
15	1	1409	12.86	0.15	12.80	0.21	-0.86	0.54	6.62e-02	6.63e-02	0.54	5.68e-03
15	1	1410	11.24	8.13e-02	11.11	0.21	-1.17	0.57	8.95e-02	8.96e-02	0.57	-7.26e-03
15	1	1411	9.22	-3.95e-02	8.97	0.21	-1.49	0.62	0.12	0.12	0.62	-4.00e-02
15	1	1412	6.88	-0.25	6.40	0.23	-1.80	0.71	0.15	0.16	0.69	-9.98e-02
15	1	1413	4.51	-0.60	3.40	0.52	-2.11	0.85	0.15	0.20	0.80	-0.19
15	1	1414	4.62	-2.94	1.25	0.44	-3.76	1.19	0.13	0.26	1.06	-0.35
15	1	1415	1.99	-10.62	-8.78	0.16	4.45	1.40	0.53	0.65	1.28	-0.30
15	1	2051	1.10	-2.55	1.09	-2.54	-0.15	1.09	-0.59	1.08	-0.58	-0.13
15	1	2052	1.75	0.15	1.71	0.20	-0.27	0.66	-1.19	-0.59	4.95e-02	0.87
15	1	2053	1.46	2.06e-02	1.44	4.40e-02	-0.18	0.38	-0.69	-0.28	-3.49e-02	0.52
15	1	2054	1.31	1.03e-03	1.30	1.77e-02	-0.15	0.28	-0.48	-0.20	-9.54e-03	0.37
15	1	2055	1.27	4.35e-03	1.26	1.52e-02	-0.12	0.21	-0.39	-0.18	-2.44e-03	0.29
15	1	2056	1.32	9.71e-03	1.32	1.55e-02	-8.71e-02	0.15	-0.34	-0.18	-6.22e-04	0.23
15	1	2057	1.45	1.39e-02	1.45	1.63e-02	-5.93e-02	0.10	-0.29	-0.19	-6.43e-05	0.17
15	1	2058	1.63	1.66e-02	1.63	1.73e-02	-3.40e-02	5.33e-02	-0.25	-0.20	1.18e-04	0.12
15	1	2059	1.84	1.81e-02	1.84	1.82e-02	-1.16e-02	1.58e-02	-0.22	-0.20	1.58e-04	5.81e-02
15	1	2060	2.04	1.90e-02	2.04	1.91e-02	7.49e-03	1.28e-04	-0.20	-0.20	1.27e-04	-2.48e-04
15	1	2061	2.21	1.96e-02	2.21	1.98e-02	2.30e-02	1.64e-02	-0.22	-0.20	4.58e-05	-6.00e-02
15	1	2062	2.32	2.00e-02	2.32	2.05e-02	3.46e-02	5.69e-02	-0.26	-0.20	-1.05e-04	-0.12
15	1	2063	2.33	2.03e-02	2.33	2.11e-02	4.22e-02	0.11	-0.31	-0.20	-4.01e-04	-0.19
15	1	2064	2.21	2.08e-02	2.21	2.18e-02	4.56e-02	0.17	-0.37	-0.20	-1.09e-03	-0.25
15	1	2065	1.94	2.39e-02	1.94	2.50e-02	4.52e-02	0.24	-0.46	-0.21	-3.15e-03	-0.34
15	1	2066	1.49	4.65e-02	1.48	4.77e-02	4.09e-02	0.33	-0.59	-0.25	-1.11e-02	-0.45
15	1	2067	0.85	0.22	0.84	0.23	5.57e-02	0.47	-0.87	-0.36	-3.84e-02	-0.65
15	1	2068	2.18	2.45e-02	0.51	1.70	0.90	0.81	-1.47	-0.72	6.67e-02	-1.07
15	1	2069	-3.10	-20.53	-3.38	-20.25	-2.20	1.13	-0.79	1.13	-0.79	-3.00e-02
15	1	2070	-6.34	-39.15	-6.94	-38.55	4.41	0.11	7.93e-03	3.02e-02	8.38e-02	4.11e-02
15	1	2071	3.94e-03	-18.53	3.06e-03	-18.53	-0.13	0.35	-0.25	-2.71e-03	0.10	-0.29
15	1	2072	-1.56e-02	-9.66	-1.77e-02	-9.66	-0.14	0.33	-3.92e-02	1.86e-02	0.27	-0.13
15	1	2073	-7.08e-02	-8.35	-7.09e-02	-8.35	-1.96e-02	1.33	-0.59	-0.14	0.88	0.81
15	1	2074	2.36e-03	-22.01	1.34e-03	-22.01	0.15	0.35	-0.20	-2.05e-03	0.16	0.27
15	1	2075	0.16	-28.96	0.16	-28.96	6.68e-02	0.21	-3.91e-02	1.01e-03	0.17	9.11e-02
15	1	2076	9.08e-03	-15.17	8.05e-03	-15.17	0.12	0.32	-0.29	3.89e-03	3.44e-02	0.30
15	1	2077	1.58e-02	-9.89	1.56e-02	-9.89	4.19e-02	7.61e-02	-0.14	1.16e-02	-7.81e-02	9.97e-02
15	1	2078	1.68e-02	-7.53	1.60e-02	-7.53	-7.56e-02	0.19	-0.25	1.12e-02	-7.36e-02	-0.21
15	1	2079	3.80e-03	-8.16	6.67e-04	-8.16	-0.16	0.40	-0.34	-7.69e-03	7.45e-02	-0.37
15	1	2080	1.65	-32.00	1.62	-31.97	-1.00	4.00e-02	-5.21e-02	-1.77e-02	5.58e-03	4.45e-02
15	1	2081	4.78e-03	-18.50	3.62e-03	-18.50	0.15	0.37	-0.27	-2.87e-03	0.10	0.32
15	1	2082	0.44	-3.23	0.43	-3.23	-5.09e-02	1.14	-0.61	1.13	-0.60	0.14
15	1	2083	8.47e-03	-7.59	5.86e-03	-7.59	-0.14	0.32	-0.32	7.03e-04	-2.16e-03	-0.32
15	1	2084	-3.18e-02	-9.45	-3.30e-02	-9.45	-0.11	0.48	-7.23e-02	-6.26e-03	0.42	0.18
15	1	2085	2.52e-03	-9.00	-1.89e-03	-8.99	-0.20	0.39	-0.22	-7.46e-03	0.18	-0.29
15	1	2086	1.08e-02	-12.25	1.01e-02	-12.25	9.16e-02	0.22	-0.24	-3.48e-03	-2.01e-02	0.23
15	1	2087	1.27e-02	-8.33	1.27e-02	-8.33	-1.93e-02	2.54e-02	-0.11	-5.17e-03	-7.51e-02	-5.55e-02
15	1	2088	1.17e-02	-25.53	1.09e-02	-25.53	0.14	0.29	-0.11	-2.80e-03	0.18	0.18
15	1	2089	-3.18	-20.37	-3.67	-19.88	-2.85	0.13	-7.61e-03	2.13e-02	9.74e-02	-5.51e-02
15	1	2090	0.74	0.25	0.27	0.72	0.11	1.73	0.16	0.16	1.73	-2.64e-03
15	1	2091	1.64e-02	-7.84	1.41e-02	-7.83	-0.13	7.58e-02	-0.25	-8.94e-03	-0.17	-0.14
15	1	2092	4.83e-02	-0.97	4.78e-02	-0.97	2.28e-02	0.36	-0.74	2.12e-02	-0.40	0.51
15	1	2093	-1.33e-03	-24.45	-2.39e-03	-24.45	0.16	0.27	-0.26	2.83e-03	2.66e-03	0.27
15	1	2094	9.32e-02	-21.66	9.15e-02	-21.66	0.19	7.84e-02	-8.31e-02	6.89e-03	-1.16e-02	8.02e-02



15	1	2095	-1.23e-02	-26.99	-1.30e-02	-26.99	0.13	0.37	-0.25	-3.92e-03	0.13	0.31
15	1	2096	-2.63e-02	-27.55	-2.64e-02	-27.55	5.06e-02	0.28	-4.62e-02	-1.19e-02	0.24	9.96e-02
15	1	2097	-2.99e-02	-24.33	-3.01e-02	-24.33	-6.68e-02	0.36	-0.14	-1.17e-02	0.23	-0.21
15	1	2098	-1.14e-02	-17.01	-1.28e-02	-17.01	-0.15	0.41	-0.33	7.09e-03	6.63e-02	-0.37
15	1	2099	0.94	-19.33	0.89	-19.28	0.99	-1.28e-02	-5.88e-02	-1.90e-02	-5.26e-02	-1.57e-02
15	1	2100	-4.95e-03	-25.84	-5.88e-03	-25.84	0.15	0.35	-0.29	3.08e-03	5.56e-02	0.32
15	1	2101	-2.01e-02	-0.32	-8.68e-02	-0.25	0.12	0.62	-0.97	-0.26	-8.41e-02	0.79
15	1	2102	-1.87e-02	-21.07	-1.95e-02	-21.07	-0.13	0.41	-0.25	-1.52e-03	0.15	-0.32
15	1	2103	1.84e-02	-3.94	1.57e-02	-3.94	-0.10	7.24e-02	-0.33	1.99e-02	-0.28	0.14
15	1	2104	-6.26e-03	-12.43	-8.95e-03	-12.43	-0.18	0.27	-0.32	5.83e-03	-4.99e-02	-0.29
15	1	2105	-1.70e-02	-27.63	-1.74e-02	-27.63	0.10	0.34	-0.15	3.55e-03	0.18	0.23
15	1	2106	-2.43e-02	-26.45	-2.43e-02	-26.45	-9.14e-03	0.25	-7.49e-03	5.17e-03	0.24	-5.58e-02
15	1	2107	4.47e-03	-23.02	3.27e-03	-23.02	0.17	0.18	-0.19	3.52e-03	-1.73e-02	0.18
15	1	2108	7.87e-03	-15.43	7.09e-03	-15.43	-0.11	0.31	-0.26	4.32e-03	3.84e-02	-0.28
15	1	2109	40.03	19.68	34.85	24.87	8.87	0.48	-1.01	-0.97	0.45	-0.23
15	1	2110	9.52e-03	-12.69	9.02e-03	-12.69	-7.97e-02	0.21	-0.23	-3.94e-03	-1.57e-02	-0.22
15	1	2111	1.40e-02	-10.44	1.39e-02	-10.44	-3.52e-02	7.53e-02	-0.13	1.07e-02	-6.76e-02	-9.61e-02
15	1	2112	1.13e-02	-8.92	1.12e-02	-8.92	1.98e-02	2.05e-02	-9.14e-02	-4.60e-03	-6.63e-02	4.66e-02
15	1	2113	1.49e-02	-8.07	1.43e-02	-8.07	7.04e-02	0.17	-0.22	1.02e-02	-6.55e-02	0.19
15	1	2114	31.99	-2.48	31.96	-2.45	0.94	0.71	-0.34	0.41	-3.82e-02	-0.47
15	1	2115	36.85	18.02	32.05	22.83	-8.21	0.43	-0.91	-0.87	0.40	0.21
15	1	2116	26.85	-0.29	26.83	-0.27	-0.77	0.37	-0.16	0.19	1.99e-02	-0.25
15	1	2117	21.44	-6.64e-02	21.42	-4.60e-02	-0.66	0.17	-8.49e-02	7.38e-02	6.31e-03	-0.12
15	1	2118	16.85	-3.19e-02	16.83	-1.36e-02	-0.56	5.23e-02	-4.94e-02	3.53e-04	2.48e-03	-5.09e-02
15	1	2119	13.09	-2.54e-02	13.07	-1.02e-02	-0.45	5.26e-03	-5.46e-02	-5.10e-02	1.60e-03	-1.44e-02
15	1	2120	10.17	-2.13e-02	10.16	-1.02e-02	-0.34	1.29e-03	-8.67e-02	-8.66e-02	1.27e-03	1.09e-03
15	1	2121	8.12	-1.67e-02	8.11	-1.05e-02	-0.22	1.14e-03	-0.11	-0.11	1.07e-03	2.76e-03
15	1	2122	6.93	-1.25e-02	6.93	-1.07e-02	-0.11	1.03e-03	-0.12	-0.12	9.25e-04	-3.64e-03
15	1	2123	6.62	-1.08e-02	6.62	-1.08e-02	3.76e-03	2.24e-03	-0.13	-0.12	8.45e-04	-1.33e-02
15	1	2124	7.20	-1.29e-02	7.20	-1.09e-02	0.12	4.75e-03	-0.12	-0.12	8.63e-04	-2.19e-02
15	1	2125	8.67	-1.72e-02	8.66	-1.09e-02	0.24	6.74e-03	-0.11	-0.10	9.87e-04	-2.52e-02
15	1	2126	11.03	-2.19e-02	11.02	-1.08e-02	0.35	5.34e-03	-8.25e-02	-7.84e-02	1.21e-03	-1.86e-02
15	1	2127	14.28	-2.61e-02	14.26	-1.09e-02	0.47	1.87e-03	-4.16e-02	-4.13e-02	1.61e-03	3.37e-03
15	1	2128	18.41	-3.32e-02	18.39	-1.49e-02	0.58	5.54e-02	-4.13e-02	1.14e-02	2.65e-03	4.81e-02
15	1	2129	23.42	-7.09e-02	23.40	-5.05e-02	0.69	0.18	-8.75e-02	8.77e-02	7.04e-03	0.13
15	1	2130	29.28	-0.32	29.26	-0.30	0.81	0.41	-0.18	0.21	2.25e-02	0.28
15	1	2131	34.84	-2.70	34.81	-2.67	-1.05	0.79	-0.38	0.46	-4.24e-02	0.53
15	1	2132	0.15	-28.19	0.15	-28.19	-4.83e-02	0.20	-2.82e-02	1.78e-03	0.17	-7.62e-02
15	1	2133	-6.08	-37.60	-6.67	-37.01	-4.28	9.91e-02	1.68e-02	3.00e-02	8.59e-02	-3.02e-02
15	1	2134	1.03e-02	-25.05	9.74e-03	-25.05	-0.12	0.27	-9.38e-02	-2.72e-03	0.18	-0.16
15	1	2135	1.60e-03	-21.79	8.26e-04	-21.79	-0.13	0.33	-0.18	-1.92e-03	0.15	-0.25
15	1	2136	2.52	0.59	1.31	1.80	-0.93	0.84	-1.53	-0.76	7.06e-02	1.11
15	1	2137	-2.78	-21.76	-3.05	-21.48	2.28	1.18	-0.84	1.18	-0.84	2.00e-02
15	1	2138	1.71	0.24	1.71	0.24	-3.93e-02	0.48	-0.90	-0.39	-4.02e-02	0.67
15	1	2139	2.42	4.93e-02	2.42	4.96e-02	-2.59e-02	0.34	-0.62	-0.27	-1.16e-02	0.46
15	1	2140	2.91	2.54e-02	2.91	2.57e-02	-3.26e-02	0.25	-0.48	-0.23	-3.30e-03	0.34
15	1	2141	3.20	2.20e-02	3.20	2.24e-02	-3.54e-02	0.17	-0.39	-0.21	-1.16e-03	0.26
15	1	2142	3.32	2.14e-02	3.32	2.17e-02	-3.42e-02	0.11	-0.32	-0.21	-4.48e-04	0.19
15	1	2143	3.29	2.09e-02	3.29	2.12e-02	-2.89e-02	5.45e-02	-0.27	-0.21	-1.43e-04	0.12
15	1	2144	3.14	2.04e-02	3.14	2.05e-02	-1.95e-02	1.49e-02	-0.23	-0.21	1.14e-05	5.80e-02
15	1	2145	2.91	1.97e-02	2.91	1.98e-02	-6.17e-03	1.26e-04	-0.21	-0.21	9.41e-05	-2.59e-03
15	1	2146	2.62	1.89e-02	2.62	1.89e-02	1.07e-02	1.71e-02	-0.22	-0.21	1.23e-04	-6.17e-02
15	1	2147	2.31	1.76e-02	2.31	1.80e-02	3.07e-02	5.55e-02	-0.26	-0.20	8.03e-05	-0.12
15	1	2148	2.00	1.56e-02	1.99	1.71e-02	5.36e-02	0.10	-0.30	-0.19	-1.11e-04	-0.18
15	1	2149	1.71	1.26e-02	1.71	1.62e-02	7.87e-02	0.16	-0.35	-0.19	-6.92e-04	-0.23
15	1	2150	1.49	8.46e-03	1.48	1.60e-02	0.11	0.22	-0.41	-0.19	-2.58e-03	-0.30
15	1	2151	1.33	5.97e-03	1.31	1.94e-02	0.13	0.29	-0.50	-0.21	-9.97e-03	-0.38
15	1	2152	1.25	2.96e-02	1.23	5.24e-02	0.17	0.39	-0.72	-0.30	-3.64e-02	-0.54
15	1	2153	1.35	0.19	1.28	0.27	0.29	0.68	-1.25	-0.62	5.15e-02	-0.91
15	1	2154	7.05e-03	-7.99	4.96e-03	-7.99	0.13	0.29	-0.29	6.53e-04	-5.79e-04	0.29
15	1	2155	2.58e-03	-8.36	7.99e-05	-8.36	0.14	0.37	-0.31	-7.08e-03	6.90e-02	0.34
15	1	2156	3.55	-71.13	3.23	-70.81	-4.88	0.34	-0.26	-7.84e-02	0.16	-0.28
15	1	2157	0.28	-81.75	0.26	-81.74	-1.15	0.53	-0.33	2.04e-02	0.18	-0.42
15	1	2158	-10.73	-71.66	-13.23	-69.17	12.06	0.41	-0.16	0.11	0.13	-0.28
15	1	2159	-5.05e-02	-86.43	-6.24e-02	-86.42	-1.01	0.69	-0.64	1.04e-02	3.04e-02	-0.66
15	1	2160	-4.84e-02	-90.14	-5.89e-02	-90.13	-0.97	0.96	-1.00	1.47e-02	-5.86e-02	-0.98
15	1	2161	-3.96e-02	-92.72	-4.95e-02	-92.71	-0.96	1.25	-1.23	1.90e-02	-9.12e-04	-1.24
15	1	2162	-2.85e-02	-93.97	-3.64e-02	-93.96	-0.86	1.43	-1.20	-1.45e-03	0.22	-1.31
15	1	2163	-3.12e-02	-93.22	-3.66e-02	-93.22	-0.71	1.33	-0.80	2.13e-02	0.50	-1.04
15	1	2164	-1.86e-02	-90.30	-2.07e-02	-90.30	-0.43	1.02	-0.20	-7.48e-02	0.89	-0.37
15	1	2165	-2.21e-02	-83.54	-2.21e-02	-83.54	-4.42e-02	1.08	-0.23	1.70e-02	0.83	0.51
15	1	2166	-4.65e-03	-74.03	-5.57e-03	-74.03	0.26	1.73	-1.10	-5.23e-02	0.68	1.36
15	1	2167	2.13e-03	-60.67	-5.59e-03	-60.66	0.68	1.94	-1.77	-2.31e-02	0.19	1.85
15	1	2168	1.76e-02	-45.43	4.73e-03	-45.42	0.77	1.77	-2.04	7.63e-02	-0.34	1.89
15	1	2169	1.01e-02	-28.90	-2.19e-02	-28.86	0.96	1.19	-1.78	-5.47e-02	-0.53	1.47
15	1	2170	1.36e-02	-12.04	-4.60e-02	-11.98	0.85	0.62	-1.31	9.78e-02	-0.79	0.86
15	1	2171	4.09	-0.56	-0.43	3.95	0.79	-2.02e-02	-0.70	-2.93e-02	-0.70	7.83e-02



15	1	2172	16.76	-4.73	-4.51	16.53	-2.17	0.48	-1.17	0.14	-0.83	-0.67
15	1	2173	9.10	-174.25	8.96	-174.10	5.13	0.39	-0.31	-7.09e-02	0.15	-0.34
15	1	2174	0.84	-148.38	0.84	-148.38	-0.56	0.79	-0.20	2.13e-02	0.56	-0.41
15	1	2175	-35.52	-217.69	-38.63	-214.57	-23.61	0.39	-0.20	0.15	4.18e-02	-0.29
15	1	2176	3.21e-02	-122.08	2.52e-02	-122.07	-0.92	1.06	-0.42	-3.11e-03	0.64	-0.67
15	1	2177	-1.74e-02	-94.86	-2.68e-02	-94.85	-0.94	1.35	-0.74	-1.28e-02	0.62	-0.99
15	1	2178	1.03e-02	-67.16	-1.89e-03	-67.15	-0.90	1.49	-1.07	-2.23e-02	0.44	-1.26
15	1	2179	8.05e-02	-40.11	6.43e-02	-40.09	-0.81	1.38	-1.30	9.91e-03	7.34e-02	-1.34
15	1	2180	0.13	-15.38	0.11	-15.36	-0.65	0.87	-1.29	-3.48e-02	-0.39	-1.06
15	1	2181	5.00	0.19	0.22	4.97	-0.37	0.21	-1.07	8.71e-02	-0.94	-0.38
15	1	2182	18.47	0.19	0.19	18.47	-4.62e-02	0.18	-1.18	-3.07e-02	-0.96	0.50
15	1	2183	24.61	0.25	0.26	24.60	0.30	1.03	-1.86	7.09e-02	-0.90	1.37
15	1	2184	23.08	0.13	0.14	23.06	0.59	1.68	-2.03	7.76e-03	-0.36	1.85
15	1	2185	15.96	6.79e-02	0.11	15.92	0.78	1.99	-1.83	-6.36e-02	0.22	1.90
15	1	2186	5.57	-8.73e-02	5.99e-02	5.42	0.90	1.75	-1.22	4.76e-02	0.49	1.47
15	1	2187	0.13	-6.61	8.62e-03	-6.49	0.89	1.32	-0.61	-8.44e-02	0.79	0.86
15	1	2188	3.79e-02	-17.67	-8.68e-04	-17.63	0.83	0.74	2.25e-02	2.76e-02	0.74	6.05e-02
15	1	2189	0.67	-28.99	0.66	-28.98	0.57	1.49	-0.58	-0.16	1.07	-0.83
15	1	2190	1.32e-03	-8.95	-2.28e-03	-8.95	0.18	0.36	-0.20	-8.91e-03	0.16	0.26
15	1	2191	-1.63e-02	-9.35	-1.80e-02	-9.35	0.13	0.30	-2.86e-02	2.12e-02	0.25	0.12
15	1	2192	8.68	-166.33	8.54	-166.19	-4.91	0.39	-0.32	-6.85e-02	0.14	0.34
15	1	2193	0.81	-141.98	0.80	-141.98	0.53	0.76	-0.21	2.01e-02	0.53	0.41
15	1	2194	-33.86	-207.59	-36.84	-204.62	22.54	0.39	-0.21	0.14	4.44e-02	0.30
15	1	2195	3.39e-02	-117.22	2.75e-02	-117.21	0.86	1.00	-0.41	-3.31e-03	0.59	0.64
15	1	2196	-1.11e-02	-91.66	-1.96e-02	-91.65	0.88	1.24	-0.69	-1.11e-02	0.56	0.92
15	1	2197	1.49e-02	-65.80	4.06e-03	-65.79	0.85	1.34	-0.98	-2.01e-02	0.38	1.15
15	1	2198	7.84e-02	-40.69	6.46e-02	-40.68	0.75	1.21	-1.16	1.26e-02	4.60e-02	1.18
15	1	2199	0.12	-17.87	9.77e-02	-17.85	0.60	0.75	-1.12	-3.04e-02	-0.34	0.92
15	1	2200	1.09	5.88e-02	0.19	0.95	0.35	0.18	-0.90	7.50e-02	-0.80	0.32
15	1	2201	13.68	0.16	0.16	13.68	5.29e-02	0.17	-1.02	-3.04e-02	-0.82	-0.45
15	1	2202	19.89	0.23	0.23	19.88	-0.26	0.93	-1.65	6.51e-02	-0.79	-1.22
15	1	2203	19.17	0.11	0.13	19.16	-0.54	1.51	-1.83	4.94e-03	-0.33	-1.66
15	1	2204	13.27	6.90e-02	0.11	13.23	-0.72	1.80	-1.69	-5.29e-02	0.16	-1.74
15	1	2205	4.15	-0.11	6.20e-02	3.97	-0.84	1.62	-1.16	5.24e-02	0.42	-1.38
15	1	2206	0.11	-6.93	1.31e-02	-6.83	-0.84	1.25	-0.61	-9.04e-02	0.73	-0.84
15	1	2207	4.37e-02	-17.09	7.88e-03	-17.06	-0.78	0.71	1.84e-02	2.96e-02	0.69	-8.70e-02
15	1	2208	0.69	-27.50	0.68	-27.49	-0.50	1.41	-0.53	-0.15	1.03	0.76
15	1	2209	3.44	-69.04	3.14	-68.73	4.68	0.33	-0.26	-7.54e-02	0.14	0.28
15	1	2210	0.27	-79.15	0.26	-79.14	1.09	0.52	-0.32	2.00e-02	0.18	0.42
15	1	2211	-10.48	-69.79	-12.86	-67.40	-11.64	0.40	-0.16	0.11	0.13	0.28
15	1	2212	-4.54e-02	-83.61	-5.63e-02	-83.60	0.96	0.66	-0.61	1.02e-02	4.55e-02	0.64
15	1	2213	-4.28e-02	-87.18	-5.24e-02	-87.17	0.92	0.90	-0.92	1.31e-02	-2.53e-02	0.91
15	1	2214	-3.44e-02	-89.71	-4.34e-02	-89.70	0.90	1.16	-1.10	1.70e-02	3.81e-02	1.13
15	1	2215	-2.53e-02	-91.01	-3.24e-02	-91.00	0.80	1.29	-1.05	-4.20e-03	0.25	1.16
15	1	2216	-3.07e-02	-90.41	-3.54e-02	-90.40	0.65	1.17	-0.68	1.79e-02	0.48	0.90
15	1	2217	-2.41e-02	-87.72	-2.60e-02	-87.72	0.40	0.89	-0.16	-6.43e-02	0.80	0.30
15	1	2218	-2.82e-02	-81.47	-2.83e-02	-81.47	5.51e-02	0.97	-0.21	1.77e-02	0.74	-0.46
15	1	2219	-1.18e-02	-72.57	-1.25e-02	-72.57	-0.22	1.56	-0.97	-4.83e-02	0.63	-1.22
15	1	2220	-4.05e-03	-59.98	-1.03e-02	-59.97	-0.61	1.76	-1.57	-2.03e-02	0.20	-1.66
15	1	2221	1.55e-02	-45.54	4.73e-03	-45.53	-0.70	1.64	-1.84	6.65e-02	-0.27	-1.73
15	1	2222	7.01e-03	-29.71	-2.03e-02	-29.68	-0.90	1.13	-1.64	-5.99e-02	-0.45	-1.37
15	1	2223	5.12e-03	-13.50	-4.19e-02	-13.45	-0.80	0.62	-1.24	0.10	-0.73	-0.83
15	1	2224	2.16	-0.62	-0.39	1.94	-0.75	-1.40e-02	-0.66	-3.17e-02	-0.65	-0.11
15	1	2225	14.51	-4.36	-4.15	14.30	1.97	0.42	-1.06	0.13	-0.78	0.59
15	1	2226	-3.94e-02	-8.90	-4.03e-02	-8.90	9.21e-02	0.46	-7.39e-02	-7.37e-03	0.39	-0.18
15	1	2227	-0.16	-7.65	-0.16	-7.65	6.21e-02	1.27	-0.57	-0.14	0.84	-0.78
15	1	2228	0.99	-20.23	0.94	-20.18	-0.99	-3.85e-03	-6.88e-02	-1.96e-02	-5.30e-02	2.79e-02
15	1	2229	9.78e-02	-22.11	9.64e-02	-22.11	-0.18	6.61e-02	-6.62e-02	7.45e-03	-7.50e-03	-6.57e-02
15	1	2230	-3.42	-21.73	-3.91	-21.24	2.96	0.14	-1.81e-02	2.12e-02	9.76e-02	6.74e-02
15	1	2231	5.03e-03	-23.09	4.11e-03	-23.09	-0.15	0.16	-0.17	3.21e-03	-1.43e-02	-0.16
15	1	2232	-9.48e-04	-24.15	-1.78e-03	-24.15	-0.14	0.25	-0.24	2.70e-03	4.41e-03	-0.25
15	1	2233	-4.24e-03	-25.19	-4.99e-03	-25.19	-0.14	0.32	-0.27	2.64e-03	5.34e-02	-0.29
15	1	2234	-1.09e-02	-26.02	-1.14e-02	-26.02	-0.12	0.35	-0.23	-2.46e-03	0.12	-0.28
15	1	2235	-1.53e-02	-26.41	-1.56e-02	-26.41	-8.82e-02	0.32	-0.15	2.05e-03	0.17	-0.22
15	1	2236	-2.37e-02	-26.15	-2.37e-02	-26.15	-4.38e-02	0.26	-4.48e-02	-1.06e-02	0.23	-9.66e-02
15	1	2237	-2.19e-02	-24.96	-2.19e-02	-24.96	9.90e-03	0.23	-5.14e-03	4.57e-03	0.22	4.71e-02
15	1	2238	-2.68e-02	-22.87	-2.69e-02	-22.87	6.15e-02	0.33	-0.12	-1.07e-02	0.22	0.19
15	1	2239	-1.68e-02	-19.75	-1.74e-02	-19.75	0.12	0.37	-0.23	-1.52e-03	0.15	0.29
15	1	2240	-9.41e-03	-15.92	-1.06e-02	-15.92	0.14	0.37	-0.30	6.38e-03	6.37e-02	0.34
15	1	2241	-4.98e-03	-11.65	-7.27e-03	-11.65	0.16	0.25	-0.29	7.51e-03	-4.62e-02	0.27
15	1	2242	1.66e-02	-7.41	1.49e-02	-7.41	0.11	6.28e-02	-0.23	-1.17e-02	-0.16	0.13
15	1	2243	1.72e-02	-3.87	1.53e-02	-3.87	8.42e-02	7.37e-02	-0.32	2.03e-02	-0.27	-0.14
15	1	2244	4.90e-02	-1.27	4.77e-02	-1.27	-4.06e-02	0.35	-0.71	1.99e-02	-0.39	-0.49
15	1	2245	-8.12e-02	-0.72	-0.11	-0.69	-0.13	0.59	-0.93	-0.25	-8.38e-02	-0.76
15	1	2246	0.73	0.27	0.29	0.70	-9.67e-02	1.66	0.15	0.15	1.66	-4.01e-03
15	1	2247	1.59	-30.89	1.56	-30.86	1.00	2.61e-02	-4.11e-02	-1.86e-02	3.60e-03	-3.18e-02
15	2	11	-34.75	-146.16	-34.89	-146.02	-3.91	1.77	-2.45	-0.24	-0.43	-2.11



15	2	12	27.14	-36.08	-5.89	-3.04	-31.58	1.50	-1.38	0.65	-0.53	1.31
15	2	13	3.10	-22.77	-0.12	-19.55	8.54	0.58	-0.24	0.26	8.08e-02	0.40
15	2	14	15.64	-18.75	-0.98	-2.13	17.19	1.99	-1.20	0.67	0.12	1.57
15	2	15	0.57	-106.30	-1.94e-04	-105.73	-7.78	0.67	4.61e-02	0.29	0.43	-0.31
15	2	16	0.26	-125.73	-0.52	-124.95	-9.90	1.92	-1.15	0.29	0.48	-1.53
15	2	17	0.29	-86.97	-4.53e-02	-86.63	-5.44	0.80	-0.14	0.29	0.37	0.47
15	2	18	7.05e-02	-68.42	-5.12e-02	-68.30	-2.88	0.92	-0.33	0.29	0.31	0.62
15	2	19	-7.05e-02	-50.75	-7.06e-02	-50.75	2.98e-02	0.68	-0.15	0.29	0.25	0.41
15	2	20	0.29	-34.64	-0.11	-34.24	3.71	0.45	9.24e-03	0.28	0.18	0.21
15	2	31	7.80	-139.85	6.83	-138.87	-11.98	2.52	-1.55	0.40	0.57	-2.04
15	2	37	0.43	-96.57	-2.92e-02	-96.12	-6.63	0.52	0.17	0.29	0.40	0.16
15	2	38	23.24	-13.97	22.15	-12.88	-6.28	3.93	-1.71	1.38	0.84	2.81
15	2	50	6.03e-03	-42.56	-6.53e-02	-42.49	1.74	0.57	-2.43e-02	0.31	0.24	0.30
15	2	51	6.89	-19.92	0.30	-13.34	11.54	1.41	-0.95	0.33	0.13	1.17
15	2	61	1.11	-27.97	-0.11	-26.76	5.82	0.53	-3.75e-02	0.31	0.18	0.28
15	2	70	0.18	-77.64	-4.16e-02	-77.41	-4.18	0.94	-0.30	0.30	0.34	0.62
15	2	75	-7.71e-03	-59.55	-4.47e-02	-59.51	-1.48	0.85	-0.26	0.30	0.29	0.55
15	2	79	0.70	-116.11	2.79e-02	-115.43	-8.84	1.29	-0.53	0.30	0.46	-0.91
15	2	89	-7.77e-03	-59.54	-4.47e-02	-59.51	1.48	0.85	-0.26	0.30	0.29	-0.55
15	2	103	-0.17	-54.24	-0.27	-54.15	-2.30	0.40	0.15	0.34	0.21	-0.10
15	2	106	0.29	-34.64	-0.11	-34.24	-3.71	0.45	9.75e-03	0.28	0.18	-0.21
15	2	112	-5.12e-02	-161.86	-5.52e-02	-161.86	0.81	0.53	0.31	0.32	0.53	1.67e-02
15	2	117	-6.62e-02	-124.07	-6.62e-02	-124.07	-7.18e-02	0.44	0.30	0.31	0.43	-4.06e-02
15	2	121	-1.88e-02	-240.98	-3.70e-02	-240.96	2.09	0.92	8.65e-02	0.29	0.71	0.36
15	2	140	7.80	-139.85	6.83	-138.87	11.98	2.53	-1.54	0.41	0.57	2.04
15	2	152	-0.12	-87.76	-0.13	-87.74	-1.11	0.39	0.27	0.33	0.33	-5.77e-02
15	2	153	0.62	-26.85	0.12	-26.34	-3.68	0.56	-7.13e-02	0.37	0.12	-0.29
15	2	156	7.04e-02	-68.42	-5.13e-02	-68.30	2.88	0.92	-0.32	0.29	0.31	-0.62
15	2	157	0.70	-116.11	2.79e-02	-115.43	8.84	1.29	-0.53	0.30	0.46	0.91
15	2	178	-34.75	-146.16	-34.89	-146.03	3.90	1.77	-2.45	-0.24	-0.43	2.11
15	2	179	0.43	-96.57	-2.91e-02	-96.12	6.63	0.52	0.17	0.29	0.40	-0.16
15	2	180	23.24	-13.97	22.15	-12.88	6.28	3.93	-1.71	1.38	0.84	-2.81
15	2	181	27.14	-36.08	-5.89	-3.05	31.57	1.50	-1.38	0.65	-0.53	-1.31
15	2	201	-74.22	-312.16	-74.22	-312.16	-1.00	-0.23	-1.32	-0.57	-0.98	-0.50
15	2	202	3.22	-22.79	-15.27	-4.30	-11.79	1.30	-0.68	1.25	-0.64	0.29
15	2	203	-0.17	-39.17	-0.39	-38.94	2.95	0.25	-9.05e-02	0.21	-5.02e-02	0.11
15	2	204	1.11	-11.61	-2.13	-8.36	5.55	0.79	-0.14	0.65	4.84e-03	0.34
15	2	205	-2.42e-02	-220.72	-3.96e-02	-220.70	-1.84	0.79	0.16	0.29	0.66	-0.26
15	2	206	-1.25	-261.20	-1.27	-261.18	-2.31	1.01	1.98e-03	0.28	0.73	-0.45
15	2	207	-6.68e-02	-181.09	-7.47e-02	-181.08	-1.20	0.57	0.25	0.27	0.55	-7.86e-02
15	2	208	-8.16e-02	-142.64	-8.26e-02	-142.64	-0.39	0.45	0.29	0.29	0.45	1.86e-02
15	2	209	-0.14	-105.33	-0.14	-105.33	0.56	0.35	0.25	0.28	0.32	4.32e-02
15	2	210	-0.22	-70.01	-0.26	-69.97	1.69	0.29	0.13	0.26	0.16	6.01e-02
15	2	221	14.54	-291.68	14.51	-291.65	-2.75	1.27	0.19	0.55	0.91	-0.51
15	2	227	-4.66e-02	-200.81	-5.84e-02	-200.80	-1.54	0.68	0.22	0.29	0.62	-0.16
15	2	228	28.63	-20.48	28.10	-19.95	-5.08	2.33	0.85	2.09	1.10	0.55
15	2	240	-0.12	-87.76	-0.13	-87.74	1.11	0.39	0.27	0.33	0.33	5.77e-02
15	2	241	0.62	-26.85	0.12	-26.34	3.68	0.56	-7.13e-02	0.37	0.12	0.29
15	2	251	-0.17	-54.24	-0.27	-54.15	2.30	0.40	0.15	0.34	0.21	0.10
15	2	260	-5.12e-02	-161.86	-5.52e-02	-161.86	-0.81	0.53	0.31	0.32	0.53	-1.67e-02
15	2	265	-6.62e-02	-124.07	-6.62e-02	-124.07	7.18e-02	0.44	0.30	0.31	0.43	4.06e-02
15	2	269	-1.88e-02	-240.98	-3.70e-02	-240.96	-2.09	0.92	8.65e-02	0.29	0.71	-0.36
15	2	273	5.98e-03	-42.56	-6.53e-02	-42.49	-1.74	0.57	-2.42e-02	0.31	0.24	-0.30
15	2	277	6.89	-19.92	0.30	-13.34	-11.54	1.41	-0.95	0.33	0.13	-1.17
15	2	289	1.11	-27.97	-0.11	-26.76	-5.82	0.53	-3.77e-02	0.31	0.18	-0.28
15	2	298	0.18	-77.64	-4.18e-02	-77.41	4.18	0.94	-0.29	0.30	0.35	-0.62
15	2	303	3.10	-22.77	-0.12	-19.55	-8.54	0.58	-0.24	0.26	8.07e-02	-0.40
15	2	304	15.64	-18.76	-0.98	-2.13	-17.19	1.99	-1.20	0.67	0.12	-1.57
15	2	305	0.57	-106.30	-1.47e-04	-105.73	7.78	0.67	4.56e-02	0.29	0.43	0.31
15	2	306	0.27	-125.74	-0.52	-124.95	9.90	1.91	-1.15	0.29	0.48	1.53
15	2	309	0.30	-86.97	-4.51e-02	-86.63	5.44	0.79	-0.14	0.28	0.36	-0.47
15	2	312	-7.06e-02	-50.75	-7.06e-02	-50.75	-2.99e-02	0.68	-0.15	0.29	0.25	-0.41
15	2	313	-74.22	-312.16	-74.22	-312.16	1.00	-0.23	-1.32	-0.57	-0.98	0.50
15	2	314	3.22	-22.79	-15.27	-4.30	11.79	1.30	-0.68	1.25	-0.64	-0.29
15	2	315	-0.17	-39.17	-0.39	-38.94	-2.95	0.25	-9.05e-02	0.21	-5.02e-02	-0.11
15	2	316	1.11	-11.61	-2.13	-8.36	-5.55	0.79	-0.14	0.65	4.84e-03	-0.34
15	2	317	-2.42e-02	-220.72	-3.96e-02	-220.70	1.84	0.79	0.16	0.29	0.66	0.26
15	2	318	-1.25	-261.20	-1.27	-261.18	2.31	1.01	1.98e-03	0.28	0.73	0.45
15	2	319	-6.68e-02	-181.09	-7.47e-02	-181.08	1.20	0.57	0.25	0.27	0.55	7.86e-02
15	2	320	-8.16e-02	-142.64	-8.26e-02	-142.64	0.39	0.45	0.29	0.29	0.45	-1.86e-02
15	2	321	-0.14	-105.33	-0.14	-105.33	-0.56	0.35	0.25	0.28	0.32	-4.32e-02
15	2	322	-0.22	-70.01	-0.26	-69.97	-1.69	0.29	0.13	0.26	0.16	-6.00e-02
15	2	333	14.54	-291.68	14.51	-291.65	2.75	1.27	0.19	0.55	0.91	0.51
15	2	339	-4.66e-02	-200.81	-5.84e-02	-200.80	1.54	0.68	0.22	0.29	0.62	0.16
15	2	340	28.63	-20.48	28.10	-19.95	5.08	2.33	0.85	2.09	1.10	-0.55
15	2	725	3.40	-35.81	-33.09	0.67	-9.98	-0.96	-1.55	-0.96	-1.55	9.55e-03
15	2	726	13.78	-13.05	-0.44	1.16	13.39	0.90	-0.51	0.30	9.31e-02	-0.70



15	2	727	14.82	-3.93	9.28	1.61	8.56	1.26	-0.44	0.13	0.69	-0.80
15	2	728	23.25	-1.56	20.81	0.87	7.38	1.28	-0.69	-5.03e-02	0.64	-0.92
15	2	729	31.70	-0.40	30.48	0.82	6.13	1.13	-0.88	-0.21	0.47	-0.94
15	2	730	38.82	0.19	38.19	0.82	4.88	0.90	-0.96	-0.35	0.28	-0.87
15	2	731	44.22	0.50	43.92	0.80	3.64	0.61	-0.94	-0.46	0.13	-0.72
15	2	732	47.78	0.66	47.66	0.78	2.43	0.32	-0.83	-0.53	1.96e-02	-0.50
15	2	733	49.47	0.72	49.43	0.76	1.27	4.82e-02	-0.66	-0.57	-4.48e-02	-0.24
15	2	734	49.29	0.72	49.29	0.72	0.15	-5.86e-02	-0.57	-0.57	-6.22e-02	4.31e-02
15	2	735	47.30	0.67	47.29	0.69	-0.90	0.12	-0.69	-0.53	-3.46e-02	0.32
15	2	736	43.58	0.56	43.49	0.65	-1.90	0.42	-0.85	-0.47	3.48e-02	0.58
15	2	737	38.21	0.39	38.00	0.60	-2.83	0.72	-0.95	-0.37	0.14	0.79
15	2	738	31.34	0.11	30.90	0.56	-3.69	1.00	-0.96	-0.24	0.28	0.95
15	2	739	23.20	-0.37	22.32	0.51	-4.48	1.23	-0.89	-9.52e-02	0.43	1.03
15	2	740	14.33	-1.46	12.37	0.50	-5.20	1.38	-0.74	6.76e-02	0.58	1.03
15	2	741	6.89	-4.74	1.21	0.94	-5.81	1.42	-0.54	0.24	0.65	0.96
15	2	742	6.35	-14.13	-8.58	0.80	-9.11	1.24	-0.53	0.37	0.34	0.88
15	2	743	3.04	-33.91	-32.13	1.26	7.90	0.17	-1.14	-0.40	-0.57	0.65
15	2	929	3.05	-33.91	-32.13	1.28	-7.90	0.17	-1.14	-0.40	-0.57	-0.65
15	2	930	6.35	-14.13	-8.58	0.79	9.11	1.24	-0.53	0.37	0.34	-0.88
15	2	931	6.89	-4.74	1.21	0.94	5.82	1.42	-0.54	0.24	0.65	-0.96
15	2	932	14.33	-1.46	12.37	0.50	5.20	1.38	-0.74	6.76e-02	0.58	-1.03
15	2	933	23.20	-0.37	22.32	0.51	4.48	1.23	-0.89	-9.52e-02	0.43	-1.03
15	2	934	31.34	0.11	30.90	0.56	3.69	1.00	-0.96	-0.24	0.28	-0.95
15	2	935	38.21	0.39	38.00	0.60	2.83	0.72	-0.95	-0.37	0.14	-0.79
15	2	936	43.58	0.56	43.49	0.65	1.90	0.42	-0.85	-0.47	3.48e-02	-0.58
15	2	937	47.30	0.67	47.29	0.69	0.90	0.12	-0.69	-0.53	-3.46e-02	-0.32
15	2	938	49.29	0.72	49.29	0.72	-0.15	-5.86e-02	-0.57	-0.57	-6.22e-02	-4.31e-02
15	2	939	49.47	0.72	49.43	0.76	-1.27	4.82e-02	-0.66	-0.57	-4.48e-02	0.24
15	2	940	47.78	0.66	47.66	0.78	-2.43	0.32	-0.83	-0.53	1.96e-02	0.50
15	2	941	44.22	0.50	43.92	0.80	-3.64	0.61	-0.94	-0.46	0.13	0.72
15	2	942	38.82	0.19	38.19	0.82	-4.88	0.90	-0.96	-0.35	0.28	0.87
15	2	943	31.70	-0.40	30.48	0.82	-6.13	1.13	-0.88	-0.21	0.47	0.94
15	2	944	23.25	-1.56	20.81	0.87	-7.38	1.28	-0.69	-5.03e-02	0.64	0.92
15	2	945	14.82	-3.93	9.28	1.60	-8.55	1.26	-0.44	0.13	0.69	0.80
15	2	946	13.78	-13.05	-0.44	1.17	-13.39	0.90	-0.51	0.30	9.32e-02	0.70
15	2	947	3.39	-35.81	-33.08	0.66	9.98	-0.96	-1.55	-0.96	-1.55	-9.60e-03
15	2	1397	2.18	-15.07	-14.78	1.90	-2.20	0.59	-0.74	-0.12	-3.84e-02	-0.66
15	2	1398	2.01	-7.76	-6.10	0.34	3.67	0.91	-0.24	0.25	0.42	-0.57
15	2	1399	3.25	-1.99	1.04	0.23	2.59	0.97	-0.23	0.19	0.55	-0.58
15	2	1400	8.76	-0.47	8.09	0.20	2.40	0.93	-0.32	9.44e-02	0.51	-0.59
15	2	1401	14.59	-6.11e-02	14.28	0.25	2.11	0.83	-0.39	-3.26e-03	0.44	-0.57
15	2	1402	19.68	0.13	19.52	0.29	1.76	0.69	-0.42	-9.00e-02	0.37	-0.51
15	2	1403	23.79	0.24	23.71	0.32	1.37	0.54	-0.40	-0.16	0.30	-0.41
15	2	1404	26.79	0.31	26.76	0.34	0.93	0.39	-0.36	-0.21	0.25	-0.29
15	2	1405	28.62	0.35	28.62	0.35	0.47	0.26	-0.29	-0.25	0.22	-0.15
15	2	1406	29.24	0.36	29.24	0.36	-1.71e-06	0.21	-0.26	-0.26	0.21	
15	2	1407	28.62	0.35	28.62	0.35	-0.47	0.26	-0.29	-0.25	0.22	0.15
15	2	1408	26.79	0.31	26.76	0.34	-0.93	0.39	-0.36	-0.21	0.25	0.29
15	2	1409	23.79	0.24	23.71	0.32	-1.37	0.54	-0.40	-0.16	0.30	0.41
15	2	1410	19.68	0.13	19.52	0.29	-1.76	0.69	-0.42	-9.00e-02	0.37	0.51
15	2	1411	14.59	-6.12e-02	14.28	0.25	-2.11	0.83	-0.39	-3.26e-03	0.44	0.57
15	2	1412	8.76	-0.47	8.09	0.20	-2.40	0.93	-0.32	9.44e-02	0.51	0.59
15	2	1413	3.25	-1.99	1.04	0.23	-2.59	0.97	-0.23	0.19	0.55	0.58
15	2	1414	2.01	-7.76	-6.09	0.35	-3.67	0.91	-0.24	0.25	0.42	0.57
15	2	1415	2.17	-15.07	-14.79	1.89	2.20	0.59	-0.74	-0.12	-3.84e-02	0.66
15	2	2051	102.65	44.32	89.10	57.87	-24.63	3.54	-0.97	3.05	-0.48	-1.40
15	2	2052	79.71	-6.54	79.68	-6.51	1.62	1.06	-1.44	-0.42	3.10e-02	1.23
15	2	2053	58.12	-0.88	57.96	-0.72	-3.07	0.87	-1.02	-7.69e-02	-6.82e-02	0.95
15	2	2054	36.56	-0.33	36.38	-0.15	-2.60	0.83	-1.03	-0.18	-1.50e-02	0.92
15	2	2055	18.41	-0.32	18.16	-6.75e-02	-2.14	0.75	-1.13	-0.38	-1.05e-05	0.92
15	2	2056	4.10	-0.73	3.43	-5.80e-02	-1.68	0.61	-1.18	-0.58	3.70e-03	0.85
15	2	2057	0.13	-7.98	-7.80	-5.61e-02	-1.21	0.42	-1.16	-0.74	4.78e-03	0.70
15	2	2058	-1.79e-02	-15.59	-15.55	-5.39e-02	-0.75	0.22	-1.07	-0.85	5.07e-03	0.48
15	2	2059	-4.67e-02	-19.92	-19.92	-5.12e-02	-0.30	5.96e-02	-0.96	-0.91	5.04e-03	0.23
15	2	2060	-4.71e-02	-21.00	-21.00	-4.80e-02	0.14	7.05e-03	-0.92	-0.92	4.85e-03	-4.51e-02
15	2	2061	-2.83e-02	-18.94	-18.93	-4.46e-02	0.56	0.11	-0.98	-0.87	4.55e-03	-0.32
15	2	2062	2.44e-02	-13.92	-13.86	-4.10e-02	0.95	0.30	-1.08	-0.78	4.13e-03	-0.57
15	2	2063	0.25	-6.25	-5.96	-3.71e-02	1.33	0.52	-1.17	-0.65	3.55e-03	-0.78
15	2	2064	5.12	-0.58	4.58	-3.34e-02	1.67	0.72	-1.20	-0.48	2.55e-03	-0.93
15	2	2065	17.79	-0.26	17.56	-3.47e-02	1.99	0.88	-1.16	-0.28	1.90e-04	-1.01
15	2	2066	32.94	-0.24	32.78	-8.16e-02	2.28	0.99	-1.07	-7.53e-02	-7.84e-03	-1.03
15	2	2067	50.13	-0.53	50.00	-0.40	2.59	1.06	-1.02	7.58e-02	-3.32e-02	-1.04
15	2	2068	66.97	-3.87	66.96	-3.86	-0.69	1.17	-1.15	-1.21e-03	2.59e-02	-1.16
15	2	2069	76.51	23.07	69.66	29.92	17.86	1.50	-0.43	1.47	-0.40	0.25
15	2	2070	-6.92	-50.76	-9.50	-48.18	10.33	2.10	-1.79	0.19	0.12	-1.95
15	2	2071	-4.77e-02	-111.98	-5.59e-02	-111.97	0.96	0.68	-1.23e-02	5.84e-03	0.66	-0.11
15	2	2072	-0.21	-40.73	-0.24	-40.69	1.16	0.99	-0.28	0.53	0.19	0.61



15	2	2073	18.08	-12.87	-11.90	17.10	-5.41	2.95	-1.83	-0.28	1.40	2.24
15	2	2074	-5.66e-02	-104.89	-6.89e-02	-104.88	-1.13	0.95	-0.12	-1.36e-02	0.85	-0.32
15	2	2075	0.21	-82.91	0.18	-82.88	-1.57	1.93	-1.00	-2.89e-03	0.93	-1.39
15	2	2076	-5.09e-02	-116.55	-5.62e-02	-116.54	-0.79	0.72	-0.23	-1.45e-02	0.50	0.40
15	2	2077	-6.15e-02	-117.57	-6.31e-02	-117.57	-0.42	0.67	-0.49	-1.95e-02	0.21	0.57
15	2	2078	-7.30e-02	-106.96	-7.30e-02	-106.96	-1.51e-02	0.42	-0.38	-1.69e-02	5.68e-02	0.39
15	2	2079	-0.10	-82.62	-0.10	-82.62	0.51	0.23	-0.18	2.30e-03	4.22e-02	0.20
15	2	2080	2.81	-61.19	2.39	-60.77	-5.15	1.99	-1.63	-8.36e-02	0.44	-1.79
15	2	2081	-4.77e-02	-111.98	-5.59e-02	-111.97	-0.96	0.68	-1.22e-02	6.45e-03	0.66	0.11
15	2	2082	102.65	44.32	89.11	57.87	24.63	3.54	-0.97	3.05	-0.48	1.40
15	2	2083	-6.89e-02	-96.44	-6.94e-02	-96.44	0.23	0.31	-0.27	8.99e-03	3.33e-02	0.29
15	2	2084	-1.06	-11.29	-1.27	-11.08	1.45	1.31	-0.79	-0.26	0.79	0.91
15	2	2085	-8.92e-02	-63.88	-9.92e-02	-63.87	0.80	0.53	-0.48	-0.30	0.36	0.38
15	2	2086	-5.35e-02	-118.35	-5.66e-02	-118.35	-0.60	0.73	-0.40	1.73e-02	0.31	0.54
15	2	2087	-6.16e-02	-113.67	-6.20e-02	-113.67	-0.22	0.56	-0.45	2.87e-02	8.00e-02	0.50
15	2	2088	-6.56e-02	-95.14	-8.41e-02	-95.12	-1.33	1.46	-0.50	-1.37e-03	0.96	-0.85
15	2	2089	-41.56	-254.92	-45.08	-251.40	-27.16	2.00	-1.86	8.65e-02	5.26e-02	-1.93
15	2	2090	4.34	2.93	3.91	3.37	-0.65	3.11	-0.17	1.62e-02	2.93	0.76
15	2	2091	1.68	-0.86	0.21	0.61	1.25	0.32	-0.92	-0.49	-0.11	0.59
15	2	2092	0.53	-41.91	0.38	-41.76	2.50	1.45	-2.36	-3.26e-02	-0.88	1.85
15	2	2093	7.75e-02	-106.63	6.61e-02	-106.61	-1.10	0.27	-0.41	1.67e-02	-0.16	-0.32
15	2	2094	1.06	-165.93	1.05	-165.93	-0.94	1.36	-1.40	4.16e-02	-7.60e-02	-1.38
15	2	2095	8.80e-02	-57.04	7.75e-02	-57.03	-0.77	0.43	-0.35	1.60e-02	6.13e-02	0.39
15	2	2096	9.84e-02	-19.41	8.99e-02	-19.40	-0.41	0.70	-0.44	2.20e-02	0.24	0.56
15	2	2097	4.92	0.11	0.11	4.92	6.53e-03	0.55	-0.26	2.15e-02	0.27	0.39
15	2	2098	13.27	0.14	0.16	13.25	0.53	0.29	-0.13	7.58e-03	0.15	0.20
15	2	2099	10.56	-199.21	10.43	-199.08	5.24	1.82	-1.88	-7.15e-02	7.12e-03	-1.85
15	2	2100	7.53e-02	-80.45	6.42e-02	-80.44	-0.94	8.02e-02	-0.13	-6.83e-03	-3.90e-02	0.10
15	2	2101	-3.47	-57.78	-3.53	-57.72	1.77	1.79	-2.70	-0.67	-0.24	2.24
15	2	2102	11.19	7.40e-02	7.89e-02	11.19	0.23	0.42	-0.20	-2.17e-02	0.24	0.28
15	2	2103	0.26	-15.82	8.78e-02	-15.65	1.64	0.76	-1.16	0.26	-0.66	0.84
15	2	2104	9.81	5.87e-02	0.13	9.75	0.81	0.49	-0.40	0.28	-0.20	0.37
15	2	2105	7.83e-02	-36.70	6.87e-02	-36.69	-0.60	0.63	-0.45	-1.95e-02	0.19	0.53
15	2	2106	7.93e-02	-5.55	7.11e-02	-5.54	-0.21	0.66	-0.38	-3.40e-02	0.31	0.49
15	2	2107	0.14	-135.34	0.13	-135.33	-1.22	0.77	-0.94	1.11e-02	-0.17	-0.85
15	2	2108	-5.10e-02	-116.55	-5.63e-02	-116.54	0.79	0.73	-0.23	-1.01e-02	0.51	-0.40
15	2	2109	34.42	-12.22	33.30	-11.10	7.15	0.38	-0.44	0.18	-0.23	-0.36
15	2	2110	-5.34e-02	-118.35	-5.65e-02	-118.35	0.60	0.72	-0.40	1.29e-02	0.30	-0.54
15	2	2111	-6.16e-02	-117.57	-6.31e-02	-117.57	0.42	0.67	-0.48	-1.88e-02	0.21	-0.57
15	2	2112	-6.16e-02	-113.67	-6.20e-02	-113.67	0.22	0.56	-0.45	2.87e-02	8.02e-02	-0.50
15	2	2113	-7.30e-02	-106.96	-7.30e-02	-106.96	1.44e-02	0.42	-0.38	-1.69e-02	5.69e-02	-0.39
15	2	2114	35.28	0.13	35.26	0.15	-0.79	0.70	-0.64	5.82e-02	1.04e-02	0.67
15	2	2115	34.42	-12.22	33.30	-11.09	-7.15	0.38	-0.44	0.18	-0.23	0.36
15	2	2116	25.67	-2.53e-02	25.58	6.47e-02	-1.52	0.62	-0.59	3.41e-02	-8.83e-03	0.61
15	2	2117	16.43	-0.10	16.32	2.40e-03	-1.31	0.56	-0.63	-6.81e-02	-2.25e-03	0.59
15	2	2118	8.28	-0.16	8.12	-1.90e-03	-1.14	0.48	-0.66	-0.19	4.58e-04	0.56
15	2	2119	1.66	-0.54	1.13	-5.56e-03	-0.94	0.37	-0.67	-0.30	1.48e-03	0.50
15	2	2120	0.11	-4.61	-4.49	-8.19e-03	-0.73	0.26	-0.65	-0.39	2.00e-03	0.41
15	2	2121	1.82e-02	-8.64	-8.61	-1.00e-02	-0.49	0.14	-0.60	-0.46	2.32e-03	0.29
15	2	2122	-5.52e-03	-11.13	-11.12	-1.11e-02	-0.25	4.33e-02	-0.54	-0.50	2.49e-03	0.15
15	2	2123	-1.15e-02	-11.96	-11.96	-1.15e-02		2.55e-03	-0.52	-0.52	2.55e-03	
15	2	2124	-5.52e-03	-11.13	-11.12	-1.11e-02	0.25	4.33e-02	-0.54	-0.50	2.49e-03	-0.15
15	2	2125	1.82e-02	-8.64	-8.61	-1.00e-02	0.49	0.14	-0.60	-0.46	2.32e-03	-0.29
15	2	2126	0.11	-4.61	-4.49	-8.19e-03	0.73	0.26	-0.65	-0.39	2.00e-03	-0.41
15	2	2127	1.66	-0.54	1.13	-5.56e-03	0.94	0.37	-0.67	-0.30	1.48e-03	-0.50
15	2	2128	8.28	-0.16	8.12	-1.92e-03	1.14	0.48	-0.66	-0.19	4.58e-04	-0.56
15	2	2129	16.43	-0.10	16.32	2.28e-03	1.31	0.56	-0.63	-6.81e-02	-2.25e-03	-0.59
15	2	2130	25.67	-2.64e-02	25.58	6.35e-02	1.52	0.62	-0.59	3.41e-02	-8.83e-03	-0.61
15	2	2131	35.28	0.14	35.27	0.15	0.79	0.70	-0.64	5.82e-02	1.04e-02	-0.67
15	2	2132	0.21	-82.90	0.18	-82.87	1.57	1.93	-0.99	-1.26e-04	0.94	1.39
15	2	2133	-6.92	-50.76	-9.50	-48.18	-10.33	2.10	-1.79	0.19	0.12	1.95
15	2	2134	-6.55e-02	-95.14	-8.41e-02	-95.12	1.33	1.46	-0.50	-1.93e-03	0.96	0.85
15	2	2135	-5.66e-02	-104.89	-6.89e-02	-104.87	1.13	0.95	-0.12	-1.36e-02	0.85	0.32
15	2	2136	66.97	-3.87	66.97	-3.87	0.69	1.17	-1.15	-1.22e-03	2.59e-02	1.16
15	2	2137	76.51	23.08	69.66	29.92	-17.86	1.50	-0.43	1.47	-0.40	-0.25
15	2	2138	50.13	-0.53	50.00	-0.40	-2.59	1.06	-1.02	7.59e-02	-3.32e-02	1.04
15	2	2139	32.94	-0.24	32.78	-8.14e-02	-2.28	0.99	-1.07	-7.53e-02	-7.84e-03	1.03
15	2	2140	17.79	-0.26	17.56	-3.47e-02	-1.99	0.88	-1.16	-0.28	1.90e-04	1.01
15	2	2141	5.12	-0.58	4.58	-3.34e-02	-1.67	0.72	-1.20	-0.48	2.55e-03	0.93
15	2	2142	0.25	-6.25	-5.96	-3.71e-02	-1.33	0.52	-1.17	-0.65	3.55e-03	0.78
15	2	2143	2.44e-02	-13.92	-13.86	-4.10e-02	-0.95	0.30	-1.08	-0.78	4.13e-03	0.57
15	2	2144	-2.83e-02	-18.94	-18.93	-4.46e-02	-0.56	0.11	-0.98	-0.87	4.55e-03	0.32
15	2	2145	-4.71e-02	-21.00	-21.00	-4.80e-02	-0.14	7.05e-03	-0.92	-0.92	4.85e-03	4.51e-02
15	2	2146	-4.67e-02	-19.92	-19.92	-5.12e-02	0.30	5.96e-02	-0.96	-0.91	5.04e-03	-0.23
15	2	2147	-1.79e-02	-15.59	-15.55	-5.39e-02	0.75	0.22	-1.07	-0.85	5.07e-03	-0.48
15	2	2148	0.13	-7.98	-7.80	-5.61e-02	1.21	0.42	-1.16	-0.74	4.78e-03	-0.70
15	2	2149	4.10	-0.73	3.43	-5.80e-02	1.68	0.61	-1.18	-0.58	3.70e-03	-0.85



15	2	2150	18.41	-0.32	18.16	-6.76e-02	2.14	0.75	-1.13	-0.38	-1.07e-05	-0.92
15	2	2151	36.56	-0.33	36.38	-0.15	2.60	0.83	-1.03	-0.18	-1.50e-02	-0.92
15	2	2152	58.12	-0.88	57.96	-0.72	3.07	0.87	-1.02	-7.70e-02	-6.82e-02	-0.95
15	2	2153	79.70	-6.53	79.67	-6.50	-1.62	1.06	-1.44	-0.42	3.10e-02	-1.23
15	2	2154	-6.89e-02	-96.44	-6.94e-02	-96.44	-0.23	0.31	-0.27	9.03e-03	3.35e-02	-0.29
15	2	2155	-0.10	-82.62	-0.10	-82.62	-0.51	0.23	-0.18	1.93e-03	4.08e-02	-0.20
15	2	2156	14.86	-287.97	14.45	-287.56	-11.08	0.63	-0.48	-0.16	0.31	0.50
15	2	2157	1.40	-267.79	1.40	-267.79	-0.37	0.86	-0.13	5.14e-02	0.68	0.39
15	2	2158	-55.33	-343.42	-61.43	-337.32	41.49	0.61	-0.25	0.30	5.83e-02	0.41
15	2	2159	7.98e-02	-242.99	7.97e-02	-242.99	0.20	0.73	-0.14	9.44e-03	0.57	0.33
15	2	2160	2.10e-02	-218.46	2.07e-02	-218.46	0.25	0.60	-9.96e-02	6.87e-03	0.49	0.25
15	2	2161	2.34e-02	-194.64	2.32e-02	-194.64	0.22	0.50	-5.64e-02	-4.27e-03	0.44	0.16
15	2	2162	3.95e-02	-171.86	3.93e-02	-171.86	0.16	0.44	-3.64e-03	1.56e-02	0.42	9.00e-02
15	2	2163	2.42e-02	-150.16	2.41e-02	-150.16	0.12	0.37	-2.02e-02	-1.70e-02	0.37	3.56e-02
15	2	2164	5.06e-02	-129.75	5.06e-02	-129.75	4.65e-02	0.34	1.27e-02	1.30e-02	0.34	-9.31e-03
15	2	2165	2.22e-02	-110.58	2.22e-02	-110.58	-9.57e-03	0.32	-1.88e-02	-1.73e-02	0.32	-2.22e-02
15	2	2166	7.45e-02	-93.00	7.44e-02	-93.00	-9.84e-02	0.24	8.50e-03	1.39e-02	0.23	-3.48e-02
15	2	2167	2.61e-02	-77.02	2.58e-02	-77.02	-0.15	0.20	-2.81e-02	-2.07e-02	0.19	-4.05e-02
15	2	2168	0.12	-63.26	0.12	-63.26	-0.26	0.12	-1.13e-02	1.29e-02	9.36e-02	-5.04e-02
15	2	2169	7.47e-02	-51.73	7.25e-02	-51.73	-0.34	0.14	-7.57e-02	6.34e-02	-1.80e-03	-0.10
15	2	2170	0.11	-43.13	0.11	-43.12	-0.51	8.74e-02	-0.23	-0.10	-4.32e-02	-0.16
15	2	2171	-0.36	-37.26	-0.37	-37.25	-0.52	0.14	-0.25	5.21e-02	-0.16	-0.17
15	2	2172	-3.28	-40.27	-3.64	-39.91	-3.63	0.21	-0.28	-2.35e-02	-4.73e-02	-0.25
15	2	2173	13.23	-260.70	12.78	-260.25	11.12	0.59	-0.40	-0.17	0.36	0.42
15	2	2174	1.22	-253.36	1.22	-253.36	0.97	1.01	-0.15	4.49e-02	0.81	0.43
15	2	2175	-48.23	-300.86	-54.02	-295.07	-37.81	0.75	-0.35	0.33	6.97e-02	0.54
15	2	2176	3.56e-02	-238.65	3.49e-02	-238.65	0.41	0.88	-0.12	1.06e-02	0.75	0.33
15	2	2177	-1.18e-02	-223.26	-1.22e-02	-223.26	0.29	0.75	-7.34e-02	-2.16e-04	0.68	0.23
15	2	2178	-9.25e-03	-207.27	-9.50e-03	-207.27	0.23	0.64	-3.49e-02	-1.44e-05	0.61	0.15
15	2	2179	-5.08e-04	-190.86	-6.81e-04	-190.86	0.18	0.57	-3.41e-03	4.56e-03	0.56	6.71e-02
15	2	2180	-1.51e-02	-173.79	-1.52e-02	-173.79	0.12	0.45	-6.63e-03	-6.36e-03	0.45	1.12e-02
15	2	2181	6.76e-04	-156.21	6.47e-04	-156.21	6.82e-02	0.40	-3.68e-03	-2.70e-03	0.40	-2.00e-02
15	2	2182	-2.13e-02	-137.74	-2.13e-02	-137.74	-7.83e-03	0.33	-3.36e-03	2.05e-03	0.33	-4.22e-02
15	2	2183	1.45e-02	-118.83	1.45e-02	-118.83	-5.76e-02	0.27	-1.01e-02	2.83e-05	0.26	-5.19e-02
15	2	2184	-1.99e-02	-98.91	-2.01e-02	-98.91	-0.16	0.22	-3.13e-02	-1.50e-02	0.20	-6.18e-02
15	2	2185	3.89e-02	-78.88	3.83e-02	-78.88	-0.21	0.14	-1.80e-02	1.52e-02	0.11	-6.49e-02
15	2	2186	6.13e-03	-58.05	4.38e-03	-58.05	-0.32	0.21	-0.16	-0.10	0.15	-0.13
15	2	2187	-2.55e-02	-37.46	-2.84e-02	-37.46	-0.33	0.29	-0.12	0.19	-2.42e-02	-0.17
15	2	2188	-0.88	-16.51	-0.89	-16.49	-0.46	0.31	-0.24	-9.55e-02	0.16	-0.24
15	2	2189	0.39	-11.90	-8.74	-2.77	5.37	0.90	-0.59	-0.12	0.44	-0.69
15	2	2190	-8.92e-02	-63.88	-9.92e-02	-63.87	-0.80	0.54	-0.48	-0.30	0.36	-0.38
15	2	2191	-0.21	-40.73	-0.24	-40.69	-1.16	0.99	-0.28	0.53	0.18	-0.61
15	2	2192	13.23	-260.70	12.78	-260.25	-11.12	0.59	-0.40	-0.17	0.36	-0.42
15	2	2193	1.22	-253.36	1.22	-253.36	-0.97	1.01	-0.15	4.49e-02	0.81	-0.43
15	2	2194	-48.23	-300.86	-54.02	-295.07	37.81	0.75	-0.35	0.33	6.97e-02	-0.54
15	2	2195	3.56e-02	-238.65	3.49e-02	-238.65	-0.41	0.88	-0.12	1.06e-02	0.75	-0.33
15	2	2196	-1.18e-02	-223.26	-1.22e-02	-223.26	-0.29	0.75	-7.34e-02	-2.16e-04	0.68	-0.23
15	2	2197	-9.25e-03	-207.27	-9.50e-03	-207.27	-0.23	0.64	-3.49e-02	-1.44e-05	0.61	-0.15
15	2	2198	-5.08e-04	-190.86	-6.81e-04	-190.86	-0.18	0.57	-3.40e-03	4.56e-03	0.56	-6.71e-02
15	2	2199	-1.51e-02	-173.79	-1.52e-02	-173.79	-0.12	0.45	-6.63e-03	-6.36e-03	0.45	-1.12e-02
15	2	2200	6.77e-04	-156.21	6.47e-04	-156.21	-6.82e-02	0.40	-3.69e-03	-2.70e-03	0.40	2.00e-02
15	2	2201	-2.13e-02	-137.74	-2.13e-02	-137.74	7.83e-03	0.33	-3.36e-03	2.05e-03	0.33	4.22e-02
15	2	2202	1.45e-02	-118.83	1.45e-02	-118.83	5.76e-02	0.27	-1.01e-02	2.83e-05	0.26	5.19e-02
15	2	2203	-1.99e-02	-98.91	-2.01e-02	-98.91	0.16	0.22	-3.13e-02	-1.50e-02	0.20	6.18e-02
15	2	2204	3.89e-02	-78.88	3.83e-02	-78.88	0.21	0.14	-1.80e-02	1.52e-02	0.11	6.49e-02
15	2	2205	6.13e-03	-58.05	4.38e-03	-58.05	0.32	0.21	-0.16	-0.10	0.15	0.13
15	2	2206	-2.55e-02	-37.46	-2.84e-02	-37.46	0.33	0.29	-0.12	0.19	-2.42e-02	0.17
15	2	2207	-0.88	-16.51	-0.89	-16.50	0.46	0.31	-0.24	-9.55e-02	0.16	0.24
15	2	2208	0.39	-11.90	-8.74	-2.77	-5.37	0.90	-0.59	-0.12	0.44	0.69
15	2	2209	14.86	-287.97	14.45	-287.56	11.08	0.63	-0.48	-0.16	0.31	-0.50
15	2	2210	1.40	-267.79	1.40	-267.79	0.37	0.86	-0.13	5.14e-02	0.68	-0.39
15	2	2211	-55.33	-343.42	-61.43	-337.32	-41.49	0.61	-0.25	0.30	5.83e-02	-0.41
15	2	2212	7.98e-02	-242.99	7.97e-02	-242.99	-0.20	0.73	-0.14	9.44e-03	0.57	-0.33
15	2	2213	2.10e-02	-218.46	2.07e-02	-218.46	-0.25	0.60	-9.96e-02	6.87e-03	0.49	-0.25
15	2	2214	2.34e-02	-194.64	2.32e-02	-194.64	-0.22	0.50	-5.64e-02	-4.27e-03	0.44	-0.16
15	2	2215	3.95e-02	-171.86	3.93e-02	-171.86	-0.16	0.44	-3.63e-03	1.56e-02	0.42	-9.00e-02
15	2	2216	2.42e-02	-150.16	2.41e-02	-150.16	-0.12	0.37	-2.02e-02	-1.70e-02	0.37	-3.56e-02
15	2	2217	5.06e-02	-129.75	5.06e-02	-129.75	-4.65e-02	0.34	1.27e-02	1.30e-02	0.34	9.32e-03
15	2	2218	2.22e-02	-110.58	2.22e-02	-110.58	9.57e-03	0.32	-1.88e-02	-1.73e-02	0.32	2.22e-02
15	2	2219	7.45e-02	-93.00	7.44e-02	-93.00	9.84e-02	0.24	8.49e-03	1.39e-02	0.23	3.48e-02
15	2	2220	2.61e-02	-77.02	2.58e-02	-77.02	0.15	0.20	-2.81e-02	-2.07e-02	0.19	4.05e-02
15	2	2221	0.12	-63.26	0.12	-63.26	0.26	0.12	-1.13e-02	1.29e-02	9.36e-02	5.04e-02
15	2	2222	7.47e-02	-51.73	7.25e-02	-51.73	0.34	0.14	-7.57e-02	6.34e-02	-1.80e-03	0.10
15	2	2223	0.11	-43.13	0.11	-43.12	0.51	8.74e-02	-0.23	-0.10	-4.32e-02	0.16
15	2	2224	-0.36	-37.26	-0.37	-37.25	0.52	0.14	-0.25	5.21e-02	-0.16	0.17
15	2	2225	-3.28	-40.27	-3.64	-39.91	3.63	0.21	-0.28	-2.35e-02	-4.73e-02	0.25
15	2	2226	-1.06	-11.29	-1.27	-11.08	-1.45	1.31	-0.79	-0.26	0.79	-0.91



15	2	2227	18.08	-12.88	-11.90	17.10	5.41	2.96	-1.83	-0.28	1.40	-2.24
15	2	2228	10.56	-199.21	10.43	-199.08	-5.24	1.80	-1.89	-7.68e-02	-5.80e-03	1.85
15	2	2229	1.06	-165.93	1.05	-165.93	0.94	1.37	-1.39	4.58e-02	-6.57e-02	1.38
15	2	2230	-41.56	-254.92	-45.08	-251.40	27.16	2.01	-1.87	8.75e-02	5.92e-02	1.94
15	2	2231	0.14	-135.34	0.13	-135.33	1.21	0.77	-0.94	1.06e-02	-0.18	0.85
15	2	2232	7.75e-02	-106.63	6.61e-02	-106.61	1.10	0.27	-0.41	1.67e-02	-0.16	0.32
15	2	2233	7.53e-02	-80.45	6.43e-02	-80.44	0.94	8.01e-02	-0.13	-7.34e-03	-4.08e-02	-0.10
15	2	2234	8.78e-02	-57.04	7.74e-02	-57.03	0.77	0.43	-0.35	1.92e-02	6.62e-02	-0.39
15	2	2235	7.85e-02	-36.70	6.88e-02	-36.69	0.60	0.62	-0.46	-2.30e-02	0.19	-0.53
15	2	2236	9.84e-02	-19.41	8.98e-02	-19.40	0.41	0.70	-0.44	2.27e-02	0.24	-0.56
15	2	2237	7.93e-02	-5.55	7.11e-02	-5.54	0.21	0.66	-0.38	-3.39e-02	0.31	-0.49
15	2	2238	4.92	0.11	0.11	4.92	-6.56e-03	0.55	-0.26	2.16e-02	0.27	-0.39
15	2	2239	11.19	7.40e-02	7.89e-02	11.19	-0.23	0.42	-0.20	-2.17e-02	0.24	-0.28
15	2	2240	13.27	0.14	0.16	13.25	-0.53	0.29	-0.13	7.43e-03	0.15	-0.20
15	2	2241	9.81	5.86e-02	0.13	9.75	-0.81	0.49	-0.40	0.28	-0.20	-0.37
15	2	2242	1.68	-0.86	0.21	0.61	-1.25	0.32	-0.92	-0.49	-0.11	-0.59
15	2	2243	0.26	-15.82	8.80e-02	-15.65	-1.64	0.76	-1.16	0.26	-0.66	-0.84
15	2	2244	0.53	-41.91	0.39	-41.76	-2.50	1.45	-2.36	-3.27e-02	-0.88	-1.85
15	2	2245	-3.47	-57.78	-3.53	-57.73	-1.76	1.79	-2.70	-0.67	-0.24	-2.24
15	2	2246	4.34	2.94	3.91	3.38	0.65	3.11	-0.17	1.63e-02	2.93	-0.76
15	2	2247	2.81	-61.19	2.39	-60.77	5.15	1.99	-1.64	-8.74e-02	0.44	1.79
15	3	11	-5.73	-23.87	-5.73	-23.86	-0.18	0.11	-0.21	-3.03e-02	-7.52e-02	-0.16
15	3	12	2.19	-3.32	-0.60	-0.53	-2.76	0.20	-0.24	0.15	-0.19	0.13
15	3	13	2.68e-02	-5.51	-1.30e-04	-5.49	0.39	0.21	8.39e-02	0.21	8.50e-02	-1.18e-02
15	3	14	0.54	-2.95	-0.12	-2.29	1.37	0.58	-0.13	0.36	0.10	0.33
15	3	15	5.46e-03	-18.56	1.36e-03	-18.56	-0.28	0.25	9.12e-02	0.22	0.13	6.57e-02
15	3	16	-8.59e-02	-21.05	-9.55e-02	-21.04	-0.45	0.27	7.16e-02	0.22	0.13	-9.07e-02
15	3	17	2.12e-03	-16.08	6.23e-04	-16.08	-0.15	0.32	2.23e-02	0.22	0.12	0.14
15	3	18	6.09e-03	-13.58	4.84e-03	-13.58	-0.13	0.27	6.90e-02	0.22	0.12	8.46e-02
15	3	19	8.63e-03	-11.00	6.71e-03	-11.00	-0.15	0.23	0.10	0.22	0.11	-3.45e-02
15	3	20	4.26e-03	-8.28	4.08e-03	-8.28	-3.90e-02	0.27	4.53e-02	0.22	0.10	-9.96e-02
15	3	31	1.10	-22.99	1.09	-22.98	-0.58	0.33	1.32e-02	0.21	0.13	-0.15
15	3	37	2.30e-03	-17.32	-7.00e-05	-17.32	-0.20	0.30	4.18e-02	0.22	0.12	0.12
15	3	38	2.06	-2.25	2.05	-2.24	-0.18	0.99	-8.18e-02	0.60	0.30	0.51
15	3	50	9.10e-03	-9.67	7.35e-03	-9.67	-0.13	0.27	5.99e-02	0.22	0.11	-8.90e-02
15	3	51	0.16	-4.25	3.70e-02	-4.13	0.72	0.31	4.89e-03	0.22	8.62e-02	0.13
15	3	61	4.40e-03	-6.90	3.35e-03	-6.90	8.52e-02	0.27	5.42e-02	0.22	0.10	-8.81e-02
15	3	70	4.25e-03	-14.84	3.12e-03	-14.84	-0.13	0.31	3.25e-02	0.22	0.12	0.13
15	3	75	8.62e-03	-12.31	6.95e-03	-12.31	-0.14	0.22	0.11	0.22	0.12	2.47e-02
15	3	79	7.08e-03	-19.81	5.55e-04	-19.81	-0.36	0.22	0.13	0.22	0.13	-9.76e-03
15	3	89	7.93e-03	-12.18	6.21e-03	-12.18	0.14	0.22	0.11	0.22	0.11	-2.77e-02
15	3	103	0.21	-11.05	-4.06e-02	-10.80	1.66	0.66	-0.35	0.22	8.62e-02	0.50
15	3	106	2.96e-03	-8.15	2.95e-03	-8.15	7.24e-03	0.27	5.30e-02	0.22	0.10	8.96e-02
15	3	112	-1.51e-02	-33.65	-6.45e-02	-33.60	-1.29	0.56	-0.20	0.22	0.14	-0.38
15	3	117	-0.14	-23.46	-0.14	-23.46	-0.11	0.34	-3.01e-02	0.22	9.38e-02	0.18
15	3	121	0.12	-55.86	5.69e-02	-55.80	-1.84	0.40	4.67e-02	0.22	0.22	-0.18
15	3	140	1.10	-22.96	1.09	-22.95	0.63	0.34	1.08e-02	0.21	0.13	0.16
15	3	152	-3.60e-02	-16.10	-0.12	-16.02	1.15	0.82	-0.51	0.22	8.18e-02	0.66
15	3	153	0.38	-6.66	7.98e-02	-6.36	1.42	0.23	8.47e-02	0.23	8.71e-02	1.88e-02
15	3	156	5.71e-03	-13.46	4.17e-03	-13.45	0.14	0.26	6.96e-02	0.22	0.12	-8.33e-02
15	3	157	8.84e-03	-19.75	6.87e-04	-19.75	0.40	0.22	0.13	0.22	0.13	1.56e-02
15	3	178	-5.72	-23.86	-5.73	-23.85	0.20	0.11	-0.22	-2.99e-02	-7.47e-02	0.16
15	3	179	3.01e-03	-17.23	-3.24e-04	-17.22	0.24	0.29	4.84e-02	0.22	0.12	-0.11
15	3	180	2.10	-2.23	2.09	-2.22	0.22	0.97	-7.90e-02	0.59	0.30	-0.50
15	3	181	2.25	-3.39	-0.61	-0.53	2.82	0.20	-0.23	0.15	-0.19	-0.13
15	3	201	-16.84	-70.81	-16.85	-70.80	0.56	-7.93e-02	-0.26	-0.12	-0.22	7.21e-02
15	3	202	1.01	-3.85	-1.95	-0.88	2.37	0.27	-0.21	0.27	-0.21	-2.36e-02
15	3	203	0.21	-9.01	-1.75e-02	-8.78	-1.44	0.40	-0.12	0.21	6.38e-02	-0.25
15	3	204	0.20	-3.85	-0.37	-3.28	-1.40	0.47	-2.85e-02	0.34	9.53e-02	0.21
15	3	205	0.11	-49.63	4.93e-02	-49.57	1.71	0.48	-6.18e-02	0.22	0.20	0.27
15	3	206	-0.19	-59.47	-0.25	-59.42	1.74	0.30	0.13	0.21	0.22	8.51e-02
15	3	207	3.61e-02	-38.92	-2.05e-02	-38.86	1.48	0.58	-0.20	0.21	0.16	0.39
15	3	208	-9.07e-02	-28.45	-0.11	-28.44	0.71	0.29	2.85e-02	0.21	0.11	0.12
15	3	209	-0.13	-19.82	-0.14	-19.81	-0.46	0.54	-0.26	0.21	7.07e-02	-0.39
15	3	210	4.66e-02	-13.72	-8.35e-02	-13.59	-1.33	0.70	-0.42	0.21	6.74e-02	-0.56
15	3	221	3.36	-66.37	3.30	-66.31	1.99	0.30	0.21	0.26	0.25	4.19e-02
15	3	227	8.40e-02	-44.35	2.21e-02	-44.29	1.66	0.57	-0.17	0.22	0.19	0.37
15	3	228	5.17	-4.59	4.98	-4.39	1.36	0.87	0.19	0.71	0.35	0.29
15	3	240	-4.12e-02	-16.60	-0.11	-16.54	-1.03	0.75	-0.44	0.22	8.74e-02	-0.59
15	3	241	0.33	-6.83	7.45e-02	-6.57	-1.33	0.24	8.15e-02	0.23	8.78e-02	-3.06e-02
15	3	251	0.17	-11.34	-4.35e-02	-11.13	-1.54	0.63	-0.32	0.22	8.74e-02	-0.47
15	3	260	-1.51e-02	-33.61	-5.70e-02	-33.57	1.19	0.51	-0.14	0.22	0.14	0.32
15	3	265	-0.12	-23.94	-0.12	-23.94	0.12	0.33	-7.78e-03	0.22	0.10	-0.16
15	3	269	0.10	-54.69	4.96e-02	-54.64	1.72	0.39	5.17e-02	0.22	0.22	0.17
15	3	273	7.58e-03	-9.53	6.39e-03	-9.53	0.11	0.26	6.75e-02	0.22	0.11	7.90e-02
15	3	277	0.17	-4.17	3.71e-02	-4.04	-0.75	0.31	3.80e-03	0.22	8.55e-02	-0.13
15	3	289	4.62e-03	-6.78	2.36e-03	-6.78	-0.12	0.26	6.09e-02	0.22	9.99e-02	7.87e-02



15	3	298	4.12e-03	-14.72	2.52e-03	-14.72	0.15	0.30	3.71e-02	0.22	0.12	-0.12
15	3	303	3.22e-02	-5.41	-9.59e-04	-5.37	-0.42	0.21	8.36e-02	0.21	8.40e-02	6.89e-03
15	3	304	0.59	-2.91	-0.12	-2.20	-1.41	0.57	-0.12	0.35	9.89e-02	-0.32
15	3	305	6.69e-03	-18.49	1.29e-03	-18.48	0.32	0.25	9.65e-02	0.22	0.13	-5.87e-02
15	3	306	-8.35e-02	-21.00	-9.51e-02	-20.99	0.49	0.28	6.70e-02	0.22	0.13	9.52e-02
15	3	309	2.43e-03	-15.97	2.54e-04	-15.97	0.19	0.31	2.77e-02	0.22	0.12	-0.13
15	3	312	7.44e-03	-10.86	5.77e-03	-10.86	0.13	0.22	0.10	0.22	0.11	2.78e-02
15	3	313	-17.25	-72.58	-17.26	-72.57	-0.60	-8.13e-02	-0.26	-0.12	-0.22	-7.30e-02
15	3	314	1.51	-3.75	-1.41	-0.84	-2.61	0.26	-0.20	0.26	-0.20	2.55e-02
15	3	315	0.26	-8.80	-1.35e-02	-8.53	1.54	0.40	-0.13	0.21	6.39e-02	0.26
15	3	316	0.27	-3.75	-0.41	-3.07	1.50	0.48	-4.96e-02	0.34	9.27e-02	-0.23
15	3	317	0.13	-50.58	5.89e-02	-50.52	-1.83	0.51	-7.98e-02	0.22	0.21	-0.29
15	3	318	-0.19	-60.83	-0.25	-60.77	-1.85	0.31	0.13	0.21	0.23	-8.55e-02
15	3	319	4.80e-02	-39.29	-1.74e-02	-39.22	-1.60	0.63	-0.26	0.21	0.16	-0.44
15	3	320	-0.11	-28.17	-0.13	-28.15	-0.77	0.31	-6.78e-04	0.21	9.90e-02	-0.15
15	3	321	-0.15	-19.26	-0.17	-19.25	0.53	0.58	-0.31	0.21	6.20e-02	0.44
15	3	322	7.68e-02	-13.34	-8.41e-02	-13.18	1.46	0.76	-0.48	0.21	6.53e-02	0.61
15	3	333	3.45	-67.96	3.39	-67.90	-2.11	0.30	0.22	0.26	0.26	-3.99e-02
15	3	339	0.10	-45.04	3.06e-02	-44.97	-1.78	0.61	-0.20	0.22	0.19	-0.41
15	3	340	5.48	-4.55	5.25	-4.31	-1.51	0.87	0.16	0.70	0.34	-0.30
15	3	725	0.76	-2.33	-1.65	8.91e-02	-1.28	-0.16	-0.67	-0.36	-0.46	-0.25
15	3	726	1.99	-0.14	1.77	8.43e-02	0.65	0.35	-0.28	5.29e-02	2.13e-02	-0.31
15	3	727	3.45	9.03e-02	3.42	0.12	0.31	0.43	-9.70e-02	5.77e-02	0.28	-0.24
15	3	728	5.10	5.37e-02	5.09	6.63e-02	0.25	0.44	-7.05e-02	4.24e-02	0.33	-0.21
15	3	729	6.49	5.51e-02	6.48	6.05e-02	0.19	0.42	-5.98e-02	2.79e-02	0.33	-0.19
15	3	730	7.61	5.49e-02	7.60	5.71e-02	0.13	0.39	-5.06e-02	1.39e-02	0.32	-0.16
15	3	731	8.45	5.23e-02	8.45	5.29e-02	7.59e-02	0.35	-3.82e-02	2.51e-03	0.31	-0.12
15	3	732	9.02	4.82e-02	9.02	4.84e-02	3.31e-02	0.32	-2.42e-02	-5.32e-03	0.30	-7.87e-02
15	3	733	9.32	4.37e-02	9.32	4.37e-02	-1.36e-03	0.30	-1.30e-02	-9.23e-03	0.30	-3.41e-02
15	3	734	9.36	3.89e-02	9.36	3.90e-02	-2.77e-02	0.30	-9.67e-03	-9.18e-03	0.30	1.22e-02
15	3	735	9.14	3.44e-02	9.14	3.46e-02	-4.65e-02	0.31	-1.61e-02	-5.31e-03	0.30	5.84e-02
15	3	736	8.68	3.01e-02	8.68	3.05e-02	-5.86e-02	0.34	-2.95e-02	2.15e-03	0.30	0.10
15	3	737	7.97	2.62e-02	7.97	2.68e-02	-6.49e-02	0.37	-4.51e-02	1.28e-02	0.31	0.14
15	3	738	7.04	2.27e-02	7.04	2.34e-02	-6.65e-02	0.41	-5.99e-02	2.61e-02	0.32	0.18
15	3	739	5.90	1.91e-02	5.89	1.98e-02	-6.47e-02	0.44	-7.44e-02	4.07e-02	0.32	0.21
15	3	740	4.55	1.17e-02	4.55	1.25e-02	-6.08e-02	0.46	-9.49e-02	5.47e-02	0.31	0.25
15	3	741	3.01	-1.88e-03	3.00	-1.29e-03	-4.19e-02	0.47	-0.14	6.75e-02	0.26	0.29
15	3	742	1.33	1.80e-02	1.32	2.52e-02	-9.69e-02	0.40	-0.35	5.46e-02	2.62e-03	0.37
15	3	743	0.76	-0.49	-6.28e-02	0.34	0.59	-3.63e-02	-0.77	-0.36	-0.45	0.36
15	3	929	0.64	-0.98	-0.68	0.34	-0.63	-2.57e-02	-0.75	-0.35	-0.43	-0.36
15	3	930	0.84	1.18e-02	0.82	2.64e-02	0.11	0.40	-0.33	5.99e-02	1.43e-02	-0.37
15	3	931	2.54	2.58e-03	2.54	3.20e-03	3.97e-02	0.47	-0.13	7.24e-02	0.26	-0.28
15	3	932	4.12	1.39e-02	4.12	1.47e-02	5.49e-02	0.46	-8.80e-02	5.91e-02	0.32	-0.24
15	3	933	5.50	2.10e-02	5.50	2.16e-02	5.57e-02	0.44	-6.95e-02	4.46e-02	0.33	-0.21
15	3	934	6.68	2.46e-02	6.68	2.51e-02	5.43e-02	0.41	-5.62e-02	2.94e-02	0.32	-0.18
15	3	935	7.64	2.81e-02	7.64	2.85e-02	4.96e-02	0.37	-4.23e-02	1.57e-02	0.31	-0.14
15	3	936	8.38	3.20e-02	8.38	3.22e-02	4.03e-02	0.34	-2.72e-02	4.68e-03	0.31	-0.10
15	3	937	8.87	3.62e-02	8.87	3.63e-02	2.52e-02	0.31	-1.42e-02	-3.11e-03	0.30	-5.90e-02
15	3	938	9.12	4.07e-02	9.12	4.07e-02	3.29e-03	0.30	-7.81e-03	-7.25e-03	0.30	-1.30e-02
15	3	939	9.10	4.53e-02	9.10	4.54e-02	-2.62e-02	0.30	-1.10e-02	-7.51e-03	0.30	3.31e-02
15	3	940	8.83	4.97e-02	8.83	5.02e-02	-6.38e-02	0.32	-2.21e-02	-3.76e-03	0.30	7.75e-02
15	3	941	8.28	5.33e-02	8.28	5.48e-02	-0.11	0.35	-3.59e-02	3.98e-03	0.31	0.12
15	3	942	7.46	5.53e-02	7.45	5.90e-02	-0.16	0.39	-4.78e-02	1.54e-02	0.32	0.15
15	3	943	6.36	5.43e-02	6.35	6.25e-02	-0.23	0.42	-5.64e-02	2.94e-02	0.33	0.18
15	3	944	4.99	5.08e-02	4.97	6.85e-02	-0.30	0.44	-6.57e-02	4.41e-02	0.33	0.21
15	3	945	3.36	8.40e-02	3.32	0.12	-0.36	0.43	-8.98e-02	5.97e-02	0.28	0.24
15	3	946	1.96	-0.18	1.69	8.90e-02	-0.71	0.35	-0.26	5.57e-02	3.21e-02	0.31
15	3	947	0.73	-2.42	-1.78	8.79e-02	1.27	-0.15	-0.64	-0.35	-0.44	0.24
15	3	1397	0.81	-5.20	-4.65	0.26	-1.73	0.42	0.16	0.17	0.42	-2.73e-02
15	3	1398	1.36	-1.63	-0.44	0.17	1.47	0.48	0.15	0.15	0.48	1.07e-02
15	3	1399	1.59	-0.32	1.08	0.19	0.84	0.46	0.13	0.13	0.46	-2.42e-02
15	3	1400	3.01	-8.97e-02	2.83	9.35e-02	0.73	0.44	0.10	0.11	0.43	-4.81e-02
15	3	1401	4.40	-1.24e-03	4.31	8.66e-02	0.62	0.42	7.58e-02	8.73e-02	0.41	-6.19e-02
15	3	1402	5.58	4.17e-02	5.53	8.72e-02	0.50	0.40	5.59e-02	6.85e-02	0.39	-6.45e-02
15	3	1403	6.51	6.53e-02	6.49	8.83e-02	0.38	0.38	4.37e-02	5.39e-02	0.37	-5.78e-02
15	3	1404	7.17	7.89e-02	7.16	8.91e-02	0.27	0.36	3.75e-02	4.35e-02	0.36	-4.39e-02
15	3	1405	7.56	8.63e-02	7.56	8.94e-02	0.15	0.35	3.52e-02	3.73e-02	0.35	-2.53e-02
15	3	1406	7.67	8.90e-02	7.67	8.92e-02	3.48e-02	0.35	3.49e-02	3.50e-02	0.35	-4.11e-03
15	3	1407	7.50	8.76e-02	7.50	8.85e-02	-8.12e-02	0.35	3.57e-02	3.67e-02	0.35	1.74e-02
15	3	1408	7.06	8.20e-02	7.06	8.75e-02	-0.20	0.36	3.82e-02	4.25e-02	0.36	3.70e-02
15	3	1409	6.35	7.09e-02	6.34	8.62e-02	-0.31	0.37	4.41e-02	5.26e-02	0.37	5.23e-02
15	3	1410	5.38	5.10e-02	5.34	8.46e-02	-0.42	0.39	5.57e-02	6.71e-02	0.38	6.10e-02
15	3	1411	4.16	1.39e-02	4.09	8.35e-02	-0.53	0.41	7.47e-02	8.59e-02	0.40	6.07e-02
15	3	1412	2.73	-6.73e-02	2.57	8.92e-02	-0.64	0.43	0.10	0.11	0.43	4.97e-02
15	3	1413	1.30	-0.32	0.81	0.18	-0.75	0.45	0.13	0.13	0.45	2.95e-02
15	3	1414	1.12	-1.71	-0.76	0.17	-1.34	0.46	0.14	0.14	0.46	5.41e-04
15	3	1415	0.77	-5.34	-4.84	0.27	1.68	0.38	0.14	0.15	0.38	3.99e-02



15	3	2051	8.49	2.81	7.63	3.67	-2.04	0.63	-0.32	0.62	-0.31	-0.11
15	3	2052	7.19	-0.45	7.19	-0.45	2.52e-02	0.36	-0.62	-0.29	2.52e-02	0.46
15	3	2053	5.41	-5.58e-02	5.40	-3.74e-02	-0.32	0.22	-0.37	-0.13	-1.96e-02	0.29
15	3	2054	3.69	-2.08e-02	3.67	-2.14e-03	-0.26	0.17	-0.28	-0.10	-5.10e-03	0.22
15	3	2055	2.27	-1.63e-02	2.25	3.69e-03	-0.21	0.14	-0.25	-0.11	-1.03e-03	0.19
15	3	2056	1.16	-1.86e-02	1.13	4.69e-03	-0.16	0.10	-0.23	-0.13	2.92e-05	0.15
15	3	2057	0.36	-3.29e-02	0.32	5.21e-03	-0.12	6.64e-02	-0.21	-0.14	3.55e-04	0.12
15	3	2058	2.53e-02	-0.24	-0.22	5.73e-03	-6.91e-02	3.23e-02	-0.18	-0.15	4.58e-04	7.63e-02
15	3	2059	7.46e-03	-0.49	-0.49	6.24e-03	-2.46e-02	6.87e-03	-0.16	-0.16	4.78e-04	3.23e-02
15	3	2060	7.33e-03	-0.52	-0.52	6.72e-03	1.78e-02	1.59e-03	-0.16	-0.16	4.59e-04	-1.34e-02
15	3	2061	1.72e-02	-0.33	-0.32	7.14e-03	5.80e-02	2.06e-02	-0.17	-0.15	4.14e-04	-5.90e-02
15	3	2062	0.15	-5.50e-02	9.21e-02	7.49e-03	9.58e-02	5.41e-02	-0.20	-0.14	3.34e-04	-0.10
15	3	2063	0.72	-1.65e-02	0.69	7.78e-03	0.13	9.31e-02	-0.22	-0.13	1.81e-04	-0.14
15	3	2064	1.49	-1.02e-02	1.47	8.08e-03	0.16	0.13	-0.25	-0.11	-1.68e-04	-0.18
15	3	2065	2.42	-7.03e-03	2.40	8.77e-03	0.20	0.17	-0.27	-9.73e-02	-1.17e-03	-0.22
15	3	2066	3.50	-2.42e-03	3.48	1.19e-02	0.22	0.21	-0.31	-9.16e-02	-4.86e-03	-0.26
15	3	2067	4.71	2.78e-02	4.70	4.25e-02	0.26	0.27	-0.41	-0.12	-1.75e-02	-0.33
15	3	2068	6.02	0.21	6.01	0.22	0.24	0.41	-0.65	-0.27	2.75e-02	-0.51
15	3	2069	5.06	-4.03	4.97	-3.95	0.88	0.50	-0.34	0.50	-0.33	-2.98e-02
15	3	2070	-3.18	-20.12	-3.62	-19.68	2.67	0.16	-6.84e-02	2.60e-02	6.85e-02	-0.11
15	3	2071	-3.39e-03	-17.38	-3.47e-03	-17.38	3.74e-02	0.15	-6.07e-02	-3.68e-04	9.19e-02	-9.60e-02
15	3	2072	-2.54e-02	-7.28	-2.57e-02	-7.28	4.50e-02	0.11	4.42e-02	4.74e-02	0.11	1.43e-02
15	3	2073	-0.80	-2.01	-1.00	-1.81	-0.45	0.73	-0.36	-7.26e-02	0.44	0.48
15	3	2074	-4.94e-03	-18.06	-5.05e-03	-18.06	-4.41e-02	0.14	-2.30e-02	-1.55e-03	0.12	5.60e-02
15	3	2075	8.11e-02	-18.83	8.04e-02	-18.83	-0.11	0.17	-3.26e-02	6.95e-04	0.13	-7.41e-02
15	3	2076	-1.95e-03	-16.53	-1.99e-03	-16.53	-2.51e-02	0.16	-9.59e-02	4.30e-05	5.98e-02	0.12
15	3	2077	-3.55e-04	-14.63	-3.88e-04	-14.63	-2.19e-02	7.77e-02	-7.21e-02	1.94e-03	3.63e-03	7.49e-02
15	3	2078	-1.14e-03	-12.70	-1.19e-03	-12.70	-2.55e-02	2.86e-02	-3.40e-02	2.04e-03	-7.44e-03	-3.09e-02
15	3	2079	-8.61e-03	-10.57	-8.62e-03	-10.57	-1.03e-02	0.11	-7.64e-02	-2.12e-03	3.47e-02	-9.08e-02
15	3	2080	0.90	-18.15	0.86	-18.11	-0.85	0.11	-0.11	-1.51e-02	1.80e-02	-0.11
15	3	2081	-3.25e-03	-17.37	-3.31e-03	-17.37	-3.18e-02	0.16	-6.68e-02	-3.50e-04	9.28e-02	0.10
15	3	2082	8.26	2.65	7.44	3.47	1.98	0.64	-0.33	0.63	-0.31	0.11
15	3	2083	-4.06e-03	-11.69	-4.12e-03	-11.69	-2.65e-02	7.68e-02	-6.43e-02	8.17e-04	1.16e-02	-7.03e-02
15	3	2084	-0.11	-4.63	-0.12	-4.63	7.68e-02	0.28	-8.99e-02	-2.09e-02	0.21	0.14
15	3	2085	-9.14e-03	-9.13	-9.14e-03	-9.13	2.66e-04	0.11	-4.55e-02	-2.55e-02	9.01e-02	-5.21e-02
15	3	2086	-1.43e-03	-15.60	-1.46e-03	-15.60	-2.10e-02	0.13	-9.73e-02	2.65e-04	2.93e-02	0.11
15	3	2087	-1.24e-03	-13.67	-1.28e-03	-13.67	-2.46e-02	2.17e-02	-2.67e-02	6.10e-04	-5.60e-03	2.40e-02
15	3	2088	-2.12e-03	-18.56	-2.34e-03	-18.56	-6.27e-02	0.14	-2.22e-03	-1.06e-03	0.14	-1.29e-02
15	3	2089	-4.89	-30.25	-5.38	-29.76	-3.50	0.23	-0.14	1.57e-02	6.71e-02	-0.18
15	3	2090	0.60	0.46	0.46	0.60	2.71e-03	0.84	2.86e-02	3.46e-02	0.84	6.98e-02
15	3	2091	2.08e-02	-3.73	1.98e-02	-3.73	5.96e-02	-3.55e-02	-5.93e-02	-4.04e-02	-5.44e-02	9.66e-03
15	3	2092	5.46e-02	-4.44	4.49e-02	-4.43	0.21	0.24	-0.44	5.17e-03	-0.20	0.32
15	3	2093	4.16e-03	-19.05	4.10e-03	-19.05	-3.41e-02	5.72e-02	-5.41e-02	2.20e-03	9.65e-04	5.56e-02
15	3	2094	0.13	-23.13	0.13	-23.13	-1.96e-03	8.67e-02	-7.80e-02	5.76e-03	2.96e-03	-8.23e-02
15	3	2095	1.98e-03	-15.62	1.96e-03	-15.62	-1.76e-02	0.15	-9.77e-02	6.83e-05	5.31e-02	0.12
15	3	2096	-1.14e-03	-12.50	-1.16e-03	-12.50	-1.44e-02	0.14	-4.07e-02	-1.85e-03	0.10	7.40e-02
15	3	2097	-6.84e-04	-9.26	-7.17e-04	-9.26	-1.75e-02	0.11	-1.11e-02	-1.89e-03	9.97e-02	-3.20e-02
15	3	2098	8.20e-03	-5.99	8.20e-03	-5.99	-2.49e-03	0.12	-7.29e-02	2.48e-03	4.02e-02	-9.23e-02
15	3	2099	1.29	-25.05	1.26	-25.02	0.85	0.13	-0.18	-1.46e-02	-3.26e-02	-0.15
15	3	2100	3.05e-03	-17.27	3.01e-03	-17.27	-2.42e-02	0.12	-9.03e-02	4.25e-04	2.49e-02	0.10
15	3	2101	-0.32	-5.17	-0.33	-5.16	0.19	0.36	-0.56	-0.15	-5.23e-02	0.45
15	3	2102	-1.79e-04	-7.59	-2.23e-04	-7.59	-1.83e-02	0.12	-4.53e-02	-2.17e-03	7.36e-02	-7.16e-02
15	3	2103	1.28e-02	-3.55	1.01e-02	-3.55	9.77e-02	9.00e-02	-0.20	2.61e-02	-0.14	0.12
15	3	2104	6.42e-03	-4.65	6.40e-03	-4.65	9.62e-02	5.96e-02	-5.93e-02	2.38e-02	-2.35e-02	-5.46e-02
15	3	2105	-5.62e-05	-14.05	-7.03e-05	-14.05	-1.41e-02	0.16	-7.77e-02	-4.24e-04	7.97e-02	0.11
15	3	2106	-2.04e-03	-10.90	-2.06e-03	-10.90	-1.73e-02	0.11	-5.85e-03	-1.06e-03	0.10	2.30e-02
15	3	2107	1.15e-02	-21.01	1.14e-02	-21.01	-4.04e-02	7.62e-03	-9.85e-03	1.73e-03	-3.96e-03	-8.26e-03
15	3	2108	-2.23e-03	-16.61	-2.28e-03	-16.61	2.97e-02	0.15	-8.89e-02	6.49e-04	6.22e-02	-0.12
15	3	2109	14.54	4.79	13.27	6.06	3.28	0.11	-0.30	-0.24	4.89e-02	-0.14
15	3	2110	-1.74e-03	-15.73	-1.78e-03	-15.73	2.45e-02	0.12	-9.38e-02	-3.59e-04	2.94e-02	-0.11
15	3	2111	-8.45e-04	-14.80	-8.83e-04	-14.80	2.38e-02	7.80e-02	-6.93e-02	1.74e-03	7.03e-03	-7.36e-02
15	3	2112	-1.66e-03	-13.84	-1.71e-03	-13.84	2.47e-02	2.56e-02	-2.78e-02	7.87e-04	-2.97e-03	-2.66e-02
15	3	2113	-1.66e-03	-12.86	-1.70e-03	-12.86	2.39e-02	2.33e-02	-2.66e-02	1.74e-03	-5.05e-03	2.47e-02
15	3	2114	12.57	-0.69	12.57	-0.69	0.18	7.81e-02	-5.29e-03	7.80e-02	-5.20e-03	2.68e-03
15	3	2115	13.61	4.29	12.45	5.45	-3.08	9.48e-02	-0.27	-0.21	3.55e-02	0.13
15	3	2116	10.17	-8.15e-02	10.16	-6.66e-02	-0.39	4.99e-02	-9.59e-03	3.83e-02	2.04e-03	2.36e-02
15	3	2117	7.75	-2.31e-02	7.73	-9.11e-03	-0.33	4.98e-02	-4.43e-02	4.68e-03	8.17e-04	4.70e-02
15	3	2118	5.68	-1.37e-02	5.67	-1.52e-04	-0.28	4.67e-02	-7.28e-02	-2.66e-02	5.42e-04	5.82e-02
15	3	2119	3.99	-1.19e-02	3.97	6.90e-04	-0.22	3.84e-02	-9.06e-02	-5.27e-02	5.59e-04	5.88e-02
15	3	2120	2.66	-1.01e-02	2.65	6.30e-04	-0.17	2.64e-02	-9.87e-02	-7.29e-02	5.67e-04	5.06e-02
15	3	2121	1.72	-6.94e-03	1.71	5.28e-04	-0.11	1.34e-02	-9.97e-02	-8.69e-02	5.52e-04	3.59e-02
15	3	2122	1.16	-2.28e-03	1.16	4.56e-04	-5.64e-02	3.45e-03	-9.78e-02	-9.49e-02	5.28e-04	1.70e-02
15	3	2123	1.00	4.11e-04	1.00	4.12e-04	1.11e-03	6.68e-04	-9.74e-02	-9.72e-02	5.10e-04	-3.94e-03
15	3	2124	1.24	-2.39e-03	1.24	3.95e-04	5.89e-02	6.50e-03	-9.99e-02	-9.39e-02	5.10e-04	-2.45e-02
15	3	2125	1.88	-6.80e-03	1.87	4.10e-04	0.12	1.81e-02	-0.10	-8.50e-02	5.27e-04	-4.26e-02
15	3	2126	2.91	-9.89e-03	2.90	4.59e-04	0.17	3.12e-02	-0.10	-7.04e-02	5.49e-04	-5.58e-02
15	3	2127	4.34	-1.17e-02	4.33	4.60e-04	0.23	4.23e-02	-9.16e-02	-4.99e-02	5.62e-04	-6.20e-02



15	3	2128	6.15	-1.38e-02	6.13	-5.42e-04	0.29	4.88e-02	-7.16e-02	-2.34e-02	5.93e-04	-5.90e-02
15	3	2129	8.33	-2.42e-02	8.32	-1.05e-02	0.34	4.96e-02	-3.98e-02	8.79e-03	1.03e-03	-4.45e-02
15	3	2130	10.89	-8.92e-02	10.88	-7.46e-02	0.40	5.00e-02	-2.55e-03	4.47e-02	2.81e-03	-1.59e-02
15	3	2131	13.42	-0.75	13.42	-0.75	-0.21	9.36e-02	-8.54e-03	9.15e-02	-6.46e-03	1.45e-02
15	3	2132	7.92e-02	-18.60	7.84e-02	-18.60	0.12	0.17	-3.56e-02	1.25e-03	0.13	7.86e-02
15	3	2133	-3.11	-19.66	-3.54	-19.23	-2.63	0.17	-7.09e-02	2.61e-02	6.95e-02	0.12
15	3	2134	-2.43e-03	-18.41	-2.69e-03	-18.41	6.88e-02	0.14	-3.38e-03	-1.10e-03	0.14	1.81e-02
15	3	2135	-5.06e-03	-18.00	-5.20e-03	-18.00	5.01e-02	0.14	-1.90e-02	-1.52e-03	0.12	-4.96e-02
15	3	2136	6.26	0.23	6.25	0.24	-0.25	0.42	-0.67	-0.28	2.87e-02	0.52
15	3	2137	5.15	-4.39	5.07	-4.31	-0.85	0.52	-0.35	0.52	-0.35	2.68e-02
15	3	2138	4.97	3.27e-02	4.95	4.61e-02	-0.26	0.27	-0.42	-0.13	-1.80e-02	0.34
15	3	2139	3.77	-2.57e-04	3.76	1.25e-02	-0.22	0.21	-0.32	-9.75e-02	-5.01e-03	0.26
15	3	2140	2.71	-4.57e-03	2.69	9.00e-03	-0.19	0.17	-0.28	-0.10	-1.22e-03	0.22
15	3	2141	1.78	-6.43e-03	1.76	8.28e-03	-0.16	0.13	-0.25	-0.12	-1.89e-04	0.18
15	3	2142	1.00	-8.71e-03	0.99	7.98e-03	-0.13	9.23e-02	-0.22	-0.13	1.67e-04	0.14
15	3	2143	0.40	-1.47e-02	0.38	7.69e-03	-9.42e-02	5.33e-02	-0.20	-0.15	3.23e-04	0.10
15	3	2144	4.49e-02	-7.91e-02	-4.16e-02	7.34e-03	-5.70e-02	2.00e-02	-0.17	-0.15	4.04e-04	5.84e-02
15	3	2145	8.06e-03	-0.26	-0.26	6.93e-03	-1.75e-02	1.43e-03	-0.16	-0.16	4.50e-04	1.26e-02
15	3	2146	8.66e-03	-0.26	-0.26	6.45e-03	2.43e-02	7.19e-03	-0.17	-0.16	4.68e-04	-3.34e-02
15	3	2147	6.30e-02	-7.55e-02	-1.85e-02	5.94e-03	6.81e-02	3.29e-02	-0.19	-0.15	4.47e-04	-7.76e-02
15	3	2148	0.51	-2.05e-02	0.48	5.42e-03	0.11	6.74e-02	-0.21	-0.14	3.41e-04	-0.12
15	3	2149	1.27	-1.56e-02	1.25	4.90e-03	0.16	0.10	-0.23	-0.13	8.60e-06	-0.15
15	3	2150	2.33	-1.49e-02	2.31	3.94e-03	0.21	0.14	-0.25	-0.11	-1.07e-03	-0.19
15	3	2151	3.69	-1.97e-02	3.67	-1.64e-03	0.26	0.18	-0.29	-0.10	-5.23e-03	-0.22
15	3	2152	5.35	-5.32e-02	5.33	-3.51e-02	0.31	0.22	-0.38	-0.13	-2.01e-02	-0.29
15	3	2153	7.06	-0.42	7.06	-0.42	-1.72e-02	0.37	-0.63	-0.29	2.58e-02	-0.47
15	3	2154	-4.34e-03	-11.81	-4.39e-03	-11.81	2.29e-02	6.86e-02	-5.57e-02	8.07e-04	1.21e-02	6.19e-02
15	3	2155	-8.79e-03	-10.63	-8.80e-03	-10.63	5.75e-03	9.90e-02	-6.80e-02	-1.98e-03	3.29e-02	8.16e-02
15	3	2156	2.50	-49.53	2.38	-49.41	-2.54	6.23e-02	-5.11e-02	-4.11e-02	5.23e-02	-3.22e-02
15	3	2157	0.22	-51.13	0.22	-51.13	-0.39	0.17	-4.13e-02	1.11e-02	0.12	-9.26e-02
15	3	2158	-8.64	-54.90	-9.94	-53.59	7.66	0.10	3.60e-02	6.28e-02	7.67e-02	-3.30e-02
15	3	2159	-9.57e-03	-50.42	-1.12e-02	-50.42	-0.29	0.21	-0.14	3.77e-03	7.24e-02	-0.17
15	3	2160	-1.51e-02	-49.43	-1.66e-02	-49.43	-0.27	0.29	-0.25	4.97e-03	3.80e-02	-0.27
15	3	2161	-1.20e-02	-48.15	-1.35e-02	-48.15	-0.27	0.38	-0.33	5.30e-03	5.11e-02	-0.36
15	3	2162	-7.12e-03	-46.54	-8.42e-03	-46.54	-0.25	0.44	-0.33	1.01e-03	0.12	-0.38
15	3	2163	-8.79e-03	-44.41	-9.73e-03	-44.41	-0.20	0.42	-0.22	4.73e-03	0.19	-0.30
15	3	2164	-2.74e-03	-41.71	-3.13e-03	-41.71	-0.13	0.34	-5.33e-02	-2.11e-02	0.31	-0.11
15	3	2165	-5.92e-03	-37.95	-5.93e-03	-37.95	-1.59e-02	0.35	-6.18e-02	3.70e-03	0.29	0.15
15	3	2166	2.88e-03	-33.48	2.74e-03	-33.48	6.76e-02	0.53	-0.31	-1.44e-02	0.24	0.40
15	3	2167	-1.43e-05	-27.95	-1.29e-03	-27.95	0.19	0.59	-0.51	-8.51e-03	8.86e-02	0.55
15	3	2168	1.02e-02	-22.01	8.27e-03	-22.00	0.20	0.53	-0.59	2.35e-02	-7.89e-02	0.56
15	3	2169	8.41e-04	-15.80	-3.33e-03	-15.80	0.26	0.36	-0.51	-1.12e-02	-0.14	0.43
15	3	2170	-4.01e-03	-9.67	-8.53e-03	-9.67	0.21	0.17	-0.37	2.14e-02	-0.22	0.24
15	3	2171	-0.15	-3.98	-0.16	-3.97	0.19	-2.60e-03	-0.20	-3.45e-03	-0.20	1.31e-02
15	3	2172	0.52	-2.08	-1.66	9.69e-02	-0.96	0.14	-0.30	3.62e-02	-0.20	-0.19
15	3	2173	4.04	-78.10	3.95	-78.02	2.62	9.73e-02	-8.42e-02	-3.91e-02	5.22e-02	-7.84e-02
15	3	2174	0.37	-69.83	0.37	-69.83	-7.68e-02	0.28	-2.06e-02	1.09e-02	0.25	-9.17e-02
15	3	2175	-15.43	-95.05	-16.92	-93.56	-10.80	0.13	-2.95e-03	7.55e-02	5.09e-02	-6.50e-02
15	3	2176	1.23e-02	-60.70	1.14e-02	-60.70	-0.24	0.35	-8.32e-02	-1.50e-04	0.27	-0.17
15	3	2177	-8.27e-03	-51.23	-9.55e-03	-51.23	-0.26	0.43	-0.18	-3.68e-03	0.25	-0.28
15	3	2178	-3.89e-04	-41.56	-1.88e-03	-41.56	-0.25	0.47	-0.28	-6.63e-03	0.19	-0.36
15	3	2179	2.00e-02	-32.04	1.84e-02	-32.03	-0.22	0.43	-0.35	3.55e-03	8.22e-02	-0.39
15	3	2180	3.11e-02	-23.14	2.97e-02	-23.13	-0.18	0.28	-0.35	-1.10e-02	-6.40e-02	-0.31
15	3	2181	6.53e-02	-15.49	6.46e-02	-15.48	-0.10	6.84e-02	-0.27	2.56e-02	-0.23	-0.11
15	3	2182	5.34e-02	-9.77	5.34e-02	-9.77	-1.29e-02	6.07e-02	-0.31	-8.94e-03	-0.24	0.15
15	3	2183	7.73e-02	-6.18	7.61e-02	-6.18	8.58e-02	0.32	-0.53	2.10e-02	-0.23	0.40
15	3	2184	4.47e-02	-4.77	3.91e-02	-4.76	0.17	0.51	-0.58	1.09e-03	-7.38e-02	0.55
15	3	2185	4.15e-02	-4.96	3.22e-02	-4.95	0.22	0.60	-0.53	-1.78e-02	9.07e-02	0.56
15	3	2186	2.53e-02	-6.04	1.55e-02	-6.03	0.24	0.52	-0.35	5.75e-03	0.17	0.43
15	3	2187	4.06e-03	-7.49	-3.55e-03	-7.48	0.24	0.39	-0.15	-9.36e-03	0.25	0.24
15	3	2188	-7.58e-02	-8.61	-8.11e-02	-8.61	0.21	0.25	1.47e-03	1.55e-03	0.25	-4.61e-03
15	3	2189	-0.51	-10.36	-0.55	-10.32	0.63	0.58	-0.24	-6.29e-02	0.41	-0.34
15	3	2190	-9.25e-03	-9.12	-9.26e-03	-9.12	-6.17e-03	0.10	-4.13e-02	-2.59e-02	8.72e-02	4.45e-02
15	3	2191	-2.54e-02	-7.19	-2.58e-02	-7.19	-5.05e-02	0.11	4.22e-02	4.81e-02	0.10	-1.90e-02
15	3	2192	3.91	-75.75	3.83	-75.67	-2.56	9.59e-02	-8.51e-02	-3.84e-02	4.91e-02	7.92e-02
15	3	2193	0.36	-67.94	0.36	-67.94	6.60e-02	0.27	-2.11e-02	1.06e-02	0.24	9.03e-02
15	3	2194	-14.94	-92.06	-16.39	-90.61	10.49	0.13	-4.64e-03	7.36e-02	5.17e-02	6.64e-02
15	3	2195	1.29e-02	-59.26	1.21e-02	-59.26	0.22	0.33	-7.92e-02	-2.07e-04	0.25	0.16
15	3	2196	-6.30e-03	-50.29	-7.43e-03	-50.28	0.24	0.40	-0.17	-3.20e-03	0.24	0.26
15	3	2197	1.19e-03	-41.16	-1.17e-04	-41.16	0.23	0.42	-0.25	-5.96e-03	0.18	0.33
15	3	2198	1.87e-02	-32.21	1.85e-02	-32.21	0.21	0.39	-0.31	4.35e-03	7.41e-02	0.34
15	3	2199	2.82e-02	-23.87	2.71e-02	-23.87	0.17	0.24	-0.30	-9.77e-03	-5.04e-02	0.27
15	3	2200	5.68e-02	-16.68	5.63e-02	-16.68	9.58e-02	5.74e-02	-0.22	2.21e-02	-0.19	9.34e-02
15	3	2201	4.59e-02	-11.19	4.58e-02	-11.19	1.48e-02	5.85e-02	-0.27	-8.85e-03	-0.20	-0.13
15	3	2202	6.87e-02	-7.58	6.80e-02	-7.58	-7.52e-02	0.29	-0.46	1.93e-02	-0.20	-0.36
15	3	2203	3.87e-02	-5.92	3.50e-02	-5.92	-0.15	0.46	-0.52	2.58e-04	-6.58e-02	-0.49
15	3	2204	3.95e-02	-5.75	3.28e-02	-5.75	-0.20	0.54	-0.49	-1.46e-02	7.30e-02	-0.51



15	3	2205	2.40e-02	-6.47	1.61e-02	-6.46	-0.23	0.49	-0.33	7.17e-03	0.15	-0.40
15	3	2206	4.37e-03	-7.59	-2.22e-03	-7.59	-0.22	0.37	-0.15	-1.11e-02	0.23	-0.23
15	3	2207	-7.38e-02	-8.44	-7.85e-02	-8.44	-0.20	0.24	2.10e-03	2.15e-03	0.24	-3.25e-03
15	3	2208	-0.51	-9.92	-0.55	-9.88	-0.61	0.56	-0.22	-6.12e-02	0.40	0.32
15	3	2209	2.47	-48.92	2.35	-48.80	2.48	5.89e-02	-5.10e-02	-4.02e-02	4.81e-02	3.27e-02
15	3	2210	0.22	-50.36	0.22	-50.36	0.37	0.17	-4.02e-02	1.10e-02	0.12	9.09e-02
15	3	2211	-8.56	-54.34	-9.83	-53.07	-7.53	0.10	3.51e-02	6.20e-02	7.58e-02	3.31e-02
15	3	2212	-7.94e-03	-49.59	-9.44e-03	-49.58	0.27	0.21	-0.13	3.72e-03	7.69e-02	0.16
15	3	2213	-1.33e-02	-48.56	-1.47e-02	-48.56	0.26	0.28	-0.22	4.51e-03	4.79e-02	0.25
15	3	2214	-1.04e-02	-47.26	-1.17e-02	-47.26	0.25	0.36	-0.29	4.70e-03	6.26e-02	0.32
15	3	2215	-6.08e-03	-45.66	-7.21e-03	-45.66	0.23	0.40	-0.28	1.95e-04	0.12	0.34
15	3	2216	-8.57e-03	-43.57	-9.37e-03	-43.57	0.19	0.37	-0.18	3.75e-03	0.19	0.26
15	3	2217	-4.37e-03	-40.95	-4.71e-03	-40.95	0.12	0.30	-4.24e-02	-1.80e-02	0.28	8.86e-02
15	3	2218	-7.75e-03	-37.34	-7.76e-03	-37.34	1.92e-02	0.32	-5.58e-02	3.90e-03	0.26	-0.14
15	3	2219	7.81e-04	-33.04	6.83e-04	-33.04	-5.69e-02	0.48	-0.28	-1.33e-02	0.22	-0.36
15	3	2220	-1.67e-03	-27.75	-2.68e-03	-27.75	-0.17	0.54	-0.45	-7.69e-03	9.17e-02	-0.49
15	3	2221	9.82e-03	-22.04	8.27e-03	-22.04	-0.18	0.49	-0.53	2.06e-02	-5.67e-02	-0.51
15	3	2222	6.89e-04	-16.05	-2.87e-03	-16.04	-0.24	0.34	-0.47	-1.27e-02	-0.12	-0.40
15	3	2223	-3.59e-03	-10.11	-7.31e-03	-10.11	-0.19	0.17	-0.35	2.35e-02	-0.21	-0.24
15	3	2224	-0.15	-4.58	-0.15	-4.57	-0.18	-1.74e-03	-0.19	-4.15e-03	-0.19	-2.12e-02
15	3	2225	-3.70e-02	-2.08	-1.56	-0.56	0.89	0.12	-0.27	3.23e-02	-0.18	0.17
15	3	2226	-0.12	-4.47	-0.12	-4.47	-8.20e-02	0.27	-9.07e-02	-2.12e-02	0.20	-0.14
15	3	2227	-0.77	-1.86	-1.02	-1.60	0.47	0.71	-0.35	-7.06e-02	0.43	-0.47
15	3	2228	1.31	-25.31	1.28	-25.29	-0.85	0.13	-0.18	-1.53e-02	-3.40e-02	0.16
15	3	2229	0.13	-23.26	0.13	-23.26	7.39e-03	9.22e-02	-8.06e-02	6.37e-03	5.19e-03	8.64e-02
15	3	2230	-4.96	-30.66	-5.45	-30.16	3.53	0.23	-0.15	1.58e-02	6.79e-02	0.19
15	3	2231	1.18e-02	-21.03	1.17e-02	-21.03	4.62e-02	1.32e-02	-1.49e-02	1.59e-03	-3.31e-03	1.39e-02
15	3	2232	4.36e-03	-18.96	4.28e-03	-18.96	3.98e-02	5.10e-02	-4.74e-02	2.16e-03	1.47e-03	-4.92e-02
15	3	2233	3.33e-03	-17.07	3.28e-03	-17.07	2.94e-02	0.11	-8.42e-02	2.36e-04	2.40e-02	-9.56e-02
15	3	2234	2.43e-03	-15.33	2.40e-03	-15.33	2.20e-02	0.14	-9.12e-02	8.89e-04	5.26e-02	-0.12
15	3	2235	5.09e-04	-13.69	4.86e-04	-13.69	1.77e-02	0.15	-7.56e-02	-1.29e-03	7.50e-02	-0.11
15	3	2236	-3.59e-04	-12.09	-3.81e-04	-12.09	1.65e-02	0.14	-4.06e-02	-1.40e-03	9.62e-02	-7.33e-02
15	3	2237	-1.34e-03	-10.47	-1.37e-03	-10.47	1.75e-02	0.11	-7.33e-03	-1.24e-03	0.10	-2.56e-02
15	3	2238	2.34e-04	-8.83	2.05e-04	-8.83	1.60e-02	0.10	-8.04e-03	-1.56e-03	9.52e-02	2.59e-02
15	3	2239	4.16e-04	-7.19	3.86e-04	-7.19	1.49e-02	0.11	-3.86e-02	-2.16e-03	7.10e-02	6.31e-02
15	3	2240	8.86e-03	-5.67	8.86e-03	-5.67	-2.09e-03	0.11	-6.43e-02	2.24e-03	3.94e-02	8.30e-02
15	3	2241	6.95e-03	-4.42	6.89e-03	-4.42	-1.54e-02	5.33e-02	-5.13e-02	2.43e-02	-2.23e-02	4.68e-02
15	3	2242	2.12e-02	-3.60	2.01e-02	-3.60	-6.52e-02	-3.09e-02	-6.12e-02	-4.13e-02	-5.09e-02	-1.44e-02
15	3	2243	1.31e-02	-3.53	1.00e-02	-3.53	-0.10	9.07e-02	-0.20	2.63e-02	-0.14	-0.12
15	3	2244	5.51e-02	-4.53	4.50e-02	-4.52	-0.21	0.24	-0.43	4.77e-03	-0.19	-0.32
15	3	2245	-0.33	-5.30	-0.34	-5.29	-0.19	0.35	-0.55	-0.15	-5.21e-02	-0.44
15	3	2246	0.59	0.47	0.47	0.59	8.60e-04	0.82	2.54e-02	3.19e-02	0.82	-7.18e-02
15	3	2247	0.88	-17.82	0.84	-17.78	0.85	0.12	-0.12	-1.58e-02	1.68e-02	0.11
15	4	11	-14.02	-58.91	-14.07	-58.86	-1.45	0.65	-0.92	-9.11e-02	-0.18	-0.78
15	4	12	10.25	-13.81	-2.30	-1.26	-12.02	0.56	-0.54	0.28	-0.25	0.48
15	4	13	1.01	-9.73	-3.92e-02	-8.68	3.19	0.31	-3.36e-02	0.20	6.97e-02	0.16
15	4	14	5.53	-7.46	-0.37	-1.56	6.47	0.88	-0.41	0.39	8.85e-02	0.63
15	4	15	0.20	-43.20	8.84e-04	-43.00	-2.90	0.32	9.68e-02	0.22	0.20	-0.11
15	4	16	5.67e-02	-50.82	-0.21	-50.55	-3.69	0.79	-0.35	0.22	0.22	-0.57
15	4	17	9.91e-02	-35.60	-1.63e-02	-35.49	-2.03	0.37	2.24e-02	0.22	0.18	0.17
15	4	18	2.29e-02	-28.29	-1.80e-02	-28.25	-1.08	0.42	-4.94e-02	0.22	0.16	0.23
15	4	19	-2.43e-02	-21.28	-2.43e-02	-21.28	1.04e-02	0.34	1.32e-02	0.22	0.13	0.16
15	4	20	9.20e-02	-14.80	-3.74e-02	-14.67	1.38	0.26	6.30e-02	0.21	0.11	8.17e-02
15	4	31	3.08	-56.39	2.74	-56.05	-4.46	1.01	-0.51	0.25	0.25	-0.76
15	4	37	0.14	-39.38	-1.03e-02	-39.22	-2.47	0.27	0.14	0.22	0.19	6.24e-02
15	4	38	8.84	-5.69	8.45	-5.30	-2.37	1.65	-0.54	0.71	0.40	1.08
15	4	50	1.54e-03	-18.00	-2.18e-02	-17.98	0.65	0.30	5.60e-02	0.22	0.13	0.11
15	4	51	2.34	-8.30	0.12	-6.08	4.32	0.62	-0.30	0.23	8.70e-02	0.45
15	4	61	0.36	-12.03	-3.51e-02	-11.63	2.17	0.29	4.63e-02	0.22	0.11	0.11
15	4	70	6.14e-02	-31.93	-1.48e-02	-31.85	-1.56	0.43	-3.76e-02	0.22	0.17	0.23
15	4	75	-2.79e-03	-24.78	-1.52e-02	-24.76	-0.55	0.40	-2.50e-02	0.22	0.15	0.21
15	4	79	0.24	-47.04	1.06e-02	-46.81	-3.29	0.55	-0.12	0.22	0.22	-0.34
15	4	89	-2.81e-03	-24.78	-1.52e-02	-24.76	0.55	0.40	-2.49e-02	0.22	0.15	-0.21
15	4	103	-5.69e-02	-23.50	-8.87e-02	-23.46	-0.86	0.25	0.11	0.24	0.13	-3.67e-02
15	4	106	9.20e-02	-14.80	-3.74e-02	-14.67	-1.38	0.26	6.31e-02	0.21	0.11	-8.16e-02
15	4	112	-1.57e-02	-65.65	-1.70e-02	-65.65	0.30	0.25	0.22	0.23	0.25	7.76e-03
15	4	117	-1.92e-02	-50.99	-1.93e-02	-50.99	-2.92e-02	0.23	0.20	0.22	0.21	-1.31e-02
15	4	121	-6.22e-03	-96.10	-1.25e-02	-96.09	0.78	0.41	0.12	0.22	0.31	0.13
15	4	140	3.08	-56.39	2.74	-56.05	4.46	1.01	-0.50	0.25	0.25	0.76
15	4	152	-3.65e-02	-36.80	-4.12e-02	-36.79	-0.42	0.24	0.17	0.23	0.17	-1.91e-02
15	4	153	0.22	-12.24	6.77e-02	-12.09	-1.39	0.30	3.54e-02	0.25	9.00e-02	-0.11
15	4	156	2.29e-02	-28.29	-1.81e-02	-28.25	1.08	0.42	-4.88e-02	0.22	0.16	-0.23
15	4	157	0.24	-47.04	1.06e-02	-46.81	3.29	0.55	-0.12	0.22	0.22	0.34
15	4	178	-14.02	-58.91	-14.07	-58.86	1.45	0.65	-0.92	-9.07e-02	-0.18	0.78
15	4	179	0.14	-39.38	-1.03e-02	-39.22	2.47	0.27	0.14	0.22	0.19	-6.23e-02
15	4	180	8.84	-5.69	8.44	-5.30	2.37	1.65	-0.54	0.71	0.40	-1.08
15	4	181	10.25	-13.81	-2.30	-1.26	12.02	0.56	-0.54	0.28	-0.25	-0.48



15	4	201	-29.36	-123.36	-29.36	-123.36	-0.37	-9.98e-02	-0.51	-0.22	-0.39	-0.19
15	4	202	0.67	-9.74	-7.16	-1.91	-4.49	0.57	-0.35	0.56	-0.33	0.11
15	4	203	-6.08e-02	-17.39	-0.13	-17.32	1.11	0.19	1.84e-02	0.18	2.78e-02	3.96e-02
15	4	204	0.13	-5.61	-0.77	-4.71	2.09	0.45	1.66e-02	0.40	6.06e-02	0.13
15	4	205	-6.23e-03	-88.33	-1.15e-02	-88.32	-0.68	0.36	0.15	0.22	0.29	-9.69e-02
15	4	206	-0.50	-103.84	-0.50	-103.83	-0.86	0.44	8.99e-02	0.21	0.32	-0.17
15	4	207	-2.21e-02	-73.07	-2.47e-02	-73.07	-0.44	0.27	0.19	0.21	0.25	-3.06e-02
15	4	208	-2.61e-02	-58.21	-2.64e-02	-58.21	-0.14	0.22	0.21	0.22	0.22	5.15e-03
15	4	209	-4.59e-02	-43.69	-4.69e-02	-43.69	0.21	0.22	0.16	0.21	0.17	1.38e-02
15	4	210	-7.49e-02	-29.80	-8.84e-02	-29.79	0.63	0.21	0.11	0.20	0.11	2.01e-02
15	4	221	5.72	-115.59	5.71	-115.58	-1.02	0.54	0.15	0.30	0.39	-0.19
15	4	227	-1.48e-02	-80.67	-1.88e-02	-80.67	-0.57	0.32	0.18	0.22	0.28	-6.12e-02
15	4	228	11.02	-8.88	10.83	-8.69	-1.93	1.15	0.48	1.08	0.55	0.21
15	4	240	-3.65e-02	-36.80	-4.12e-02	-36.79	0.42	0.24	0.17	0.23	0.17	1.91e-02
15	4	241	0.22	-12.24	6.77e-02	-12.09	1.39	0.30	3.54e-02	0.25	9.00e-02	0.11
15	4	251	-5.69e-02	-23.50	-8.87e-02	-23.46	0.86	0.25	0.11	0.24	0.13	3.67e-02
15	4	260	-1.57e-02	-65.65	-1.70e-02	-65.65	-0.30	0.25	0.22	0.23	0.25	-7.76e-03
15	4	265	-1.92e-02	-50.99	-1.93e-02	-50.99	2.92e-02	0.23	0.20	0.22	0.21	1.31e-02
15	4	269	-6.22e-03	-96.10	-1.25e-02	-96.09	-0.78	0.41	0.12	0.22	0.31	-0.13
15	4	273	1.52e-03	-18.00	-2.18e-02	-17.98	-0.65	0.30	5.60e-02	0.22	0.13	-0.11
15	4	277	2.34	-8.30	0.12	-6.08	-4.32	0.62	-0.30	0.23	8.70e-02	-0.45
15	4	289	0.36	-12.03	-3.51e-02	-11.63	-2.17	0.29	4.62e-02	0.22	0.11	-0.11
15	4	298	6.13e-02	-31.93	-1.49e-02	-31.85	1.56	0.43	-3.61e-02	0.22	0.17	-0.23
15	4	303	1.01	-9.73	-3.92e-02	-8.68	-3.19	0.31	-3.37e-02	0.20	6.97e-02	-0.16
15	4	304	5.53	-7.46	-0.37	-1.56	-6.47	0.88	-0.41	0.39	8.85e-02	-0.63
15	4	305	0.20	-43.20	9.02e-04	-43.00	2.90	0.32	9.66e-02	0.22	0.20	0.11
15	4	306	5.68e-02	-50.82	-0.21	-50.55	3.69	0.79	-0.35	0.21	0.22	0.57
15	4	309	9.92e-02	-35.60	-1.62e-02	-35.49	2.03	0.37	2.04e-02	0.21	0.18	-0.18
15	4	312	-2.44e-02	-21.28	-2.44e-02	-21.28	-1.04e-02	0.34	1.32e-02	0.22	0.13	-0.16
15	4	313	-29.36	-123.36	-29.36	-123.36	0.37	-9.98e-02	-0.51	-0.22	-0.39	0.19
15	4	314	0.66	-9.74	-7.16	-1.91	4.49	0.57	-0.35	0.56	-0.33	-0.11
15	4	315	-6.07e-02	-17.39	-0.13	-17.32	-1.11	0.19	1.84e-02	0.18	2.78e-02	-3.96e-02
15	4	316	0.13	-5.61	-0.77	-4.71	-2.09	0.45	1.66e-02	0.40	6.06e-02	-0.13
15	4	317	-6.23e-03	-88.33	-1.15e-02	-88.32	0.68	0.36	0.15	0.22	0.29	9.69e-02
15	4	318	-0.50	-103.84	-0.50	-103.83	0.86	0.44	8.99e-02	0.21	0.32	0.17
15	4	319	-2.21e-02	-73.07	-2.47e-02	-73.07	0.44	0.27	0.19	0.21	0.25	3.06e-02
15	4	320	-2.61e-02	-58.21	-2.64e-02	-58.21	0.14	0.22	0.21	0.22	0.22	-5.15e-03
15	4	321	-4.59e-02	-43.69	-4.69e-02	-43.69	-0.21	0.22	0.16	0.21	0.17	-1.38e-02
15	4	322	-7.49e-02	-29.80	-8.84e-02	-29.79	-0.63	0.21	0.11	0.20	0.11	-2.01e-02
15	4	333	5.72	-115.59	5.71	-115.58	1.02	0.54	0.15	0.30	0.39	0.19
15	4	339	-1.48e-02	-80.67	-1.88e-02	-80.67	0.57	0.32	0.18	0.22	0.28	6.12e-02
15	4	340	11.02	-8.88	10.83	-8.69	1.93	1.15	0.48	1.08	0.55	-0.21
15	4	725	1.40	-13.34	-12.21	0.27	-3.93	-0.39	-0.63	-0.42	-0.60	-8.03e-02
15	4	726	5.31	-4.51	0.36	0.44	4.91	0.47	-0.20	0.14	0.12	-0.34
15	4	727	6.04	-1.16	4.28	0.60	3.10	0.63	-0.13	8.86e-02	0.41	-0.35
15	4	728	9.59	-0.45	8.82	0.33	2.67	0.64	-0.21	2.02e-02	0.41	-0.38
15	4	729	13.00	-8.37e-02	12.61	0.30	2.22	0.58	-0.27	-4.07e-02	0.35	-0.38
15	4	730	15.83	0.10	15.63	0.30	1.77	0.49	-0.30	-9.34e-02	0.28	-0.35
15	4	731	17.96	0.20	17.86	0.30	1.33	0.38	-0.29	-0.13	0.23	-0.28
15	4	732	19.34	0.25	19.30	0.29	0.90	0.27	-0.25	-0.16	0.19	-0.19
15	4	733	19.97	0.27	19.96	0.28	0.48	0.18	-0.20	-0.18	0.16	-8.67e-02
15	4	734	19.86	0.26	19.86	0.27	8.97e-02	0.16	-0.18	-0.17	0.16	2.60e-02
15	4	735	19.03	0.25	19.02	0.25	-0.28	0.22	-0.21	-0.16	0.17	0.14
15	4	736	17.50	0.22	17.48	0.24	-0.63	0.32	-0.26	-0.13	0.20	0.24
15	4	737	15.31	0.16	15.24	0.22	-0.96	0.44	-0.29	-9.52e-02	0.24	0.32
15	4	738	12.50	7.67e-02	12.37	0.21	-1.27	0.54	-0.30	-4.55e-02	0.29	0.39
15	4	739	9.15	-7.77e-02	8.88	0.19	-1.56	0.63	-0.27	1.29e-02	0.35	0.42
15	4	740	5.47	-0.44	4.84	0.19	-1.82	0.69	-0.22	7.65e-02	0.40	0.43
15	4	741	2.37	-1.73	0.28	0.36	-2.05	0.70	-0.15	0.14	0.41	0.41
15	4	742	2.14	-5.64	-3.81	0.31	-3.30	0.61	-0.19	0.18	0.24	0.40
15	4	743	1.27	-13.87	-13.14	0.55	3.23	0.12	-0.53	-0.19	-0.22	0.32
15	4	929	1.28	-13.87	-13.14	0.55	-3.23	0.12	-0.53	-0.19	-0.22	-0.32
15	4	930	2.14	-5.64	-3.81	0.30	3.31	0.61	-0.19	0.18	0.24	-0.40
15	4	931	2.37	-1.73	0.28	0.36	2.05	0.70	-0.15	0.14	0.41	-0.41
15	4	932	5.47	-0.44	4.84	0.19	1.82	0.69	-0.22	7.65e-02	0.40	-0.43
15	4	933	9.15	-7.77e-02	8.88	0.19	1.56	0.63	-0.27	1.29e-02	0.35	-0.42
15	4	934	12.50	7.67e-02	12.37	0.21	1.27	0.54	-0.30	-4.55e-02	0.29	-0.39
15	4	935	15.31	0.16	15.24	0.22	0.96	0.44	-0.29	-9.52e-02	0.24	-0.32
15	4	936	17.50	0.22	17.48	0.24	0.63	0.32	-0.26	-0.13	0.20	-0.24
15	4	937	19.03	0.25	19.02	0.25	0.28	0.22	-0.21	-0.16	0.17	-0.14
15	4	938	19.86	0.26	19.86	0.27	-8.97e-02	0.16	-0.18	-0.17	0.16	-2.60e-02
15	4	939	19.97	0.27	19.96	0.28	-0.48	0.18	-0.20	-0.18	0.16	8.67e-02
15	4	940	19.34	0.25	19.30	0.29	-0.90	0.27	-0.25	-0.16	0.19	0.19
15	4	941	17.96	0.20	17.86	0.30	-1.33	0.38	-0.29	-0.13	0.23	0.28
15	4	942	15.83	0.10	15.63	0.30	-1.77	0.49	-0.30	-9.34e-02	0.28	0.35
15	4	943	13.00	-8.37e-02	12.61	0.30	-2.22	0.58	-0.27	-4.07e-02	0.35	0.38
15	4	944	9.59	-0.45	8.82	0.33	-2.67	0.64	-0.21	2.02e-02	0.41	0.38



15	4	945	6.04	-1.16	4.28	0.60	-3.10	0.63	-0.13	8.86e-02	0.41	0.35
15	4	946	5.31	-4.51	0.36	0.44	-4.91	0.47	-0.20	0.14	0.12	0.34
15	4	947	1.40	-13.34	-12.21	0.26	3.93	-0.39	-0.63	-0.42	-0.60	8.03e-02
15	4	1397	0.92	-6.75	-6.62	0.79	-1.01	0.28	-0.37	-8.08e-02	-1.28e-02	-0.33
15	4	1398	0.62	-3.42	-2.94	0.14	1.31	0.48	-7.55e-02	0.14	0.27	-0.27
15	4	1399	0.99	-0.79	0.11	8.99e-02	0.89	0.53	-3.70e-02	0.12	0.37	-0.26
15	4	1400	3.28	-0.13	3.07	8.00e-02	0.82	0.52	-6.05e-02	8.75e-02	0.37	-0.25
15	4	1401	5.75	5.45e-03	5.66	9.62e-02	0.72	0.48	-8.42e-02	4.88e-02	0.35	-0.24
15	4	1402	7.88	6.27e-02	7.84	0.11	0.60	0.43	-9.54e-02	1.39e-02	0.32	-0.21
15	4	1403	9.59	9.58e-02	9.57	0.12	0.46	0.37	-9.22e-02	-1.47e-02	0.30	-0.17
15	4	1404	10.83	0.12	10.83	0.13	0.31	0.32	-7.81e-02	-3.58e-02	0.28	-0.12
15	4	1405	11.59	0.13	11.59	0.13	0.16	0.28	-6.11e-02	-4.88e-02	0.26	-6.32e-02
15	4	1406	11.85	0.13	11.85	0.13		0.26	-5.31e-02	-5.31e-02	0.26	
15	4	1407	11.59	0.13	11.59	0.13	-0.16	0.28	-6.11e-02	-4.88e-02	0.26	6.32e-02
15	4	1408	10.83	0.12	10.83	0.13	-0.31	0.32	-7.81e-02	-3.58e-02	0.28	0.12
15	4	1409	9.59	9.58e-02	9.57	0.12	-0.46	0.37	-9.22e-02	-1.47e-02	0.30	0.17
15	4	1410	7.88	6.27e-02	7.84	0.11	-0.60	0.43	-9.54e-02	1.39e-02	0.32	0.21
15	4	1411	5.75	5.44e-03	5.66	9.62e-02	-0.72	0.48	-8.42e-02	4.88e-02	0.35	0.24
15	4	1412	3.28	-0.13	3.07	8.00e-02	-0.82	0.52	-6.05e-02	8.75e-02	0.37	0.25
15	4	1413	0.99	-0.79	0.11	8.97e-02	-0.89	0.53	-3.70e-02	0.12	0.37	0.26
15	4	1414	0.62	-3.42	-2.94	0.14	-1.31	0.48	-7.55e-02	0.14	0.27	0.27
15	4	1415	0.92	-6.75	-6.62	0.78	1.01	0.28	-0.37	-8.07e-02	-1.28e-02	0.33
15	4	2051	38.74	16.54	33.71	21.57	-9.29	1.35	-0.42	1.20	-0.28	-0.48
15	4	2052	30.30	-2.44	30.29	-2.43	0.58	0.48	-0.69	-0.23	1.98e-02	0.57
15	4	2053	22.20	-0.32	22.14	-0.26	-1.17	0.37	-0.46	-6.94e-02	-2.95e-02	0.41
15	4	2054	14.13	-0.12	14.06	-5.20e-02	-0.99	0.34	-0.44	-9.73e-02	-6.71e-03	0.39
15	4	2055	7.35	-0.11	7.26	-2.08e-02	-0.81	0.30	-0.47	-0.17	-3.08e-04	0.37
15	4	2056	1.96	-0.22	1.76	-1.71e-02	-0.63	0.24	-0.48	-0.24	1.31e-03	0.34
15	4	2057	6.74e-02	-2.51	-2.42	-1.62e-02	-0.46	0.16	-0.46	-0.30	1.79e-03	0.27
15	4	2058	-5.30e-04	-5.33	-5.31	-1.54e-02	-0.28	8.27e-02	-0.43	-0.34	1.93e-03	0.19
15	4	2059	-1.26e-02	-6.94	-6.94	-1.43e-02	-0.11	1.98e-02	-0.38	-0.37	1.92e-03	8.32e-02
15	4	2060	-1.27e-02	-7.34	-7.34	-1.32e-02	5.64e-02	3.77e-03	-0.37	-0.37	1.86e-03	-2.67e-02
15	4	2061	-4.88e-03	-6.59	-6.58	-1.20e-02	0.22	4.78e-02	-0.40	-0.35	1.75e-03	-0.14
15	4	2062	1.79e-02	-4.73	-4.70	-1.07e-02	0.37	0.13	-0.44	-0.32	1.59e-03	-0.24
15	4	2063	0.13	-1.90	-1.76	-9.46e-03	0.51	0.21	-0.48	-0.26	1.35e-03	-0.32
15	4	2064	2.35	-0.19	2.17	-8.27e-03	0.65	0.30	-0.49	-0.20	9.11e-04	-0.38
15	4	2065	7.12	-9.26e-02	7.03	-8.91e-03	0.77	0.36	-0.48	-0.12	-1.83e-04	-0.42
15	4	2066	12.82	-8.77e-02	12.76	-2.65e-02	0.89	0.41	-0.45	-4.07e-02	-3.90e-03	-0.43
15	4	2067	19.31	-0.20	19.26	-0.14	1.01	0.44	-0.45	8.15e-03	-1.59e-02	-0.45
15	4	2068	25.70	-1.43	25.70	-1.43	-0.23	0.52	-0.55	-5.28e-02	1.54e-02	-0.54
15	4	2069	29.16	8.37	26.61	10.92	6.82	0.60	-0.22	0.60	-0.22	5.23e-02
15	4	2070	-3.35	-23.56	-4.38	-22.54	4.43	0.78	-0.63	7.34e-02	7.96e-02	-0.70
15	4	2071	-1.81e-02	-45.06	-2.09e-02	-45.06	0.36	0.26	-4.59e-03	2.16e-03	0.26	-4.21e-02
15	4	2072	-7.99e-02	-16.48	-9.13e-02	-16.47	0.43	0.38	-0.10	0.20	8.18e-02	0.23
15	4	2073	6.13	-4.90	-4.50	5.73	-2.05	1.21	-0.73	-0.11	0.59	0.90
15	4	2074	-2.16e-02	-42.62	-2.58e-02	-42.61	-0.42	0.37	-4.16e-02	-4.97e-03	0.33	-0.12
15	4	2075	9.53e-02	-34.81	8.50e-02	-34.80	-0.60	0.72	-0.36	-4.61e-04	0.36	-0.51
15	4	2076	-1.92e-02	-46.57	-2.10e-02	-46.57	-0.30	0.28	-8.57e-02	-5.40e-03	0.20	0.15
15	4	2077	-2.31e-02	-46.54	-2.37e-02	-46.54	-0.16	0.26	-0.18	-7.28e-03	8.83e-02	0.21
15	4	2078	-2.76e-02	-42.16	-2.76e-02	-42.16	-7.61e-03	0.16	-0.14	-6.30e-03	3.12e-02	0.15
15	4	2079	-3.87e-02	-32.63	-3.98e-02	-32.63	0.19	9.25e-02	-6.65e-02	8.39e-04	2.52e-02	7.86e-02
15	4	2080	1.24	-26.80	1.09	-26.65	-2.08	0.72	-0.60	-3.47e-02	0.15	-0.65
15	4	2081	-1.81e-02	-45.06	-2.10e-02	-45.06	-0.36	0.27	-4.57e-03	2.41e-03	0.26	4.29e-02
15	4	2082	38.74	16.54	33.71	21.57	9.29	1.35	-0.42	1.20	-0.28	0.48
15	4	2083	-2.62e-02	-38.02	-2.64e-02	-38.02	8.28e-02	0.12	-9.92e-02	3.27e-03	2.21e-02	0.11
15	4	2084	-0.42	-5.18	-0.48	-5.12	0.54	0.53	-0.30	-9.75e-02	0.32	0.36
15	4	2085	-3.45e-02	-25.39	-3.80e-02	-25.39	0.30	0.21	-0.18	-0.11	0.14	0.15
15	4	2086	-2.01e-02	-47.04	-2.12e-02	-47.04	-0.23	0.28	-0.14	6.43e-03	0.13	0.20
15	4	2087	-2.32e-02	-44.88	-2.34e-02	-44.88	-8.46e-02	0.22	-0.16	1.06e-02	4.04e-02	0.19
15	4	2088	-2.42e-02	-39.18	-3.05e-02	-39.17	-0.50	0.55	-0.18	-6.41e-04	0.37	-0.32
15	4	2089	-16.25	-99.75	-17.65	-98.36	-10.70	0.78	-0.69	3.50e-02	5.39e-02	-0.74
15	4	2090	1.69	1.22	1.54	1.38	-0.22	1.26	-7.78e-02	-8.78e-03	1.19	0.30
15	4	2091	0.23	-1.38	7.78e-02	-1.22	0.47	0.13	-0.35	-0.18	-3.78e-02	0.23
15	4	2092	0.20	-16.56	0.14	-16.51	0.94	0.56	-0.92	-1.08e-02	-0.34	0.72
15	4	2093	2.82e-02	-43.40	2.44e-02	-43.40	-0.41	0.10	-0.14	6.29e-03	-4.68e-02	-0.12
15	4	2094	0.41	-65.87	0.41	-65.87	-0.34	0.51	-0.51	1.60e-02	-1.61e-02	-0.51
15	4	2095	3.21e-02	-24.53	2.88e-02	-24.52	-0.29	0.17	-0.13	5.98e-03	3.37e-02	0.15
15	4	2096	3.55e-02	-10.09	3.33e-02	-10.09	-0.15	0.27	-0.16	8.20e-03	9.88e-02	0.21
15	4	2097	4.14e-02	-0.59	4.14e-02	-0.59	4.20e-03	0.21	-9.60e-02	7.97e-03	0.11	0.15
15	4	2098	2.99	4.72e-02	6.09e-02	2.98	0.20	0.12	-4.79e-02	2.62e-03	6.50e-02	7.55e-02
15	4	2099	4.14	-78.35	4.09	-78.29	2.11	0.67	-0.72	-3.02e-02	-1.49e-02	-0.70
15	4	2100	2.74e-02	-33.45	2.38e-02	-33.44	-0.35	3.61e-02	-4.17e-02	-2.51e-03	-3.12e-03	3.89e-02
15	4	2101	-1.33	-22.21	-1.35	-22.19	0.68	0.70	-1.07	-0.27	-9.93e-02	0.88
15	4	2102	1.97	2.49e-02	2.89e-02	1.97	8.85e-02	0.17	-7.49e-02	-8.16e-03	9.92e-02	0.11
15	4	2103	8.44e-02	-7.07	3.15e-02	-7.02	0.61	0.30	-0.45	9.69e-02	-0.25	0.33
15	4	2104	1.97	-1.60e-03	4.66e-02	1.92	0.30	0.19	-0.15	0.11	-6.71e-02	0.14
15	4	2105	2.83e-02	-16.74	2.54e-02	-16.74	-0.22	0.24	-0.17	-7.25e-03	8.28e-02	0.20



15	4	2106	2.75e-02	-4.71	2.62e-02	-4.71	-7.80e-02	0.26	-0.14	-1.27e-02	0.13	0.19
15	4	2107	5.15e-02	-54.29	4.78e-02	-54.29	-0.45	0.29	-0.34	3.97e-03	-5.02e-02	-0.31
15	4	2108	-1.92e-02	-46.57	-2.11e-02	-46.56	0.30	0.28	-8.41e-02	-3.62e-03	0.20	-0.15
15	4	2109	13.25	-5.03	12.82	-4.60	2.77	0.19	-0.24	0.10	-0.15	-0.18
15	4	2110	-2.01e-02	-47.04	-2.12e-02	-47.04	0.23	0.28	-0.15	4.62e-03	0.12	-0.20
15	4	2111	-2.32e-02	-46.54	-2.37e-02	-46.54	0.16	0.26	-0.18	-7.00e-03	8.94e-02	-0.21
15	4	2112	-2.32e-02	-44.88	-2.34e-02	-44.88	8.43e-02	0.22	-0.16	1.07e-02	4.05e-02	-0.19
15	4	2113	-2.76e-02	-42.16	-2.76e-02	-42.16	7.34e-03	0.16	-0.14	-6.29e-03	3.12e-02	-0.15
15	4	2114	13.56	7.80e-02	13.55	8.63e-02	-0.33	0.33	-0.35	-2.72e-02	9.18e-03	0.34
15	4	2115	13.25	-5.03	12.82	-4.60	-2.77	0.19	-0.24	0.10	-0.15	0.18
15	4	2116	9.83	-5.12e-03	9.79	3.28e-02	-0.61	0.27	-0.28	-6.47e-03	-6.48e-03	0.28
15	4	2117	6.27	-3.81e-02	6.22	5.22e-03	-0.52	0.24	-0.28	-3.74e-02	-1.72e-03	0.26
15	4	2118	3.15	-6.11e-02	3.09	3.32e-03	-0.45	0.20	-0.28	-8.24e-02	-5.59e-05	0.24
15	4	2119	0.65	-0.21	0.43	2.06e-03	-0.37	0.16	-0.28	-0.13	5.25e-04	0.21
15	4	2120	4.79e-02	-1.74	-1.69	1.22e-03	-0.28	0.11	-0.27	-0.16	7.84e-04	0.17
15	4	2121	1.21e-02	-3.25	-3.24	6.61e-04	-0.19	5.92e-02	-0.25	-0.19	9.21e-04	0.12
15	4	2122	2.60e-03	-4.19	-4.19	3.29e-04	-9.75e-02	1.82e-02	-0.23	-0.21	9.92e-04	6.23e-02
15	4	2123	2.18e-04	-4.50	-4.50	2.18e-04		1.01e-03	-0.21	-0.21	1.01e-03	
15	4	2124	2.60e-03	-4.19	-4.19	3.29e-04	9.75e-02	1.82e-02	-0.23	-0.21	9.92e-04	-6.23e-02
15	4	2125	1.21e-02	-3.25	-3.24	6.61e-04	0.19	5.92e-02	-0.25	-0.19	9.21e-04	-0.12
15	4	2126	4.79e-02	-1.74	-1.69	1.22e-03	0.28	0.11	-0.27	-0.16	7.84e-04	-0.17
15	4	2127	0.65	-0.21	0.43	2.05e-03	0.37	0.16	-0.28	-0.13	5.25e-04	-0.21
15	4	2128	3.15	-6.11e-02	3.09	3.32e-03	0.45	0.20	-0.28	-8.24e-02	-5.59e-05	-0.24
15	4	2129	6.27	-3.82e-02	6.22	5.16e-03	0.52	0.24	-0.28	-3.74e-02	-1.72e-03	-0.26
15	4	2130	9.83	-5.57e-03	9.79	3.24e-02	0.61	0.27	-0.28	-6.48e-03	-6.48e-03	-0.28
15	4	2131	13.56	8.01e-02	13.55	8.84e-02	0.33	0.33	-0.35	-2.72e-02	9.18e-03	-0.34
15	4	2132	9.52e-02	-34.81	8.50e-02	-34.80	0.60	0.72	-0.36	6.83e-04	0.36	0.51
15	4	2133	-3.35	-23.56	-4.38	-22.54	-4.43	0.78	-0.62	7.40e-02	8.10e-02	0.70
15	4	2134	-2.42e-02	-39.18	-3.05e-02	-39.17	0.50	0.55	-0.18	-8.61e-04	0.37	0.32
15	4	2135	-2.16e-02	-42.62	-2.59e-02	-42.61	0.42	0.37	-4.16e-02	-4.99e-03	0.33	0.12
15	4	2136	25.70	-1.44	25.70	-1.43	0.23	0.52	-0.55	-5.28e-02	1.54e-02	0.54
15	4	2137	29.17	8.37	26.61	10.92	-6.82	0.60	-0.22	0.60	-0.22	-5.23e-02
15	4	2138	19.31	-0.19	19.26	-0.14	-1.01	0.44	-0.45	8.15e-03	-1.59e-02	0.45
15	4	2139	12.82	-8.76e-02	12.76	-2.63e-02	-0.89	0.41	-0.45	-4.07e-02	-3.90e-03	0.43
15	4	2140	7.12	-9.26e-02	7.03	-8.89e-03	-0.77	0.36	-0.48	-0.12	-1.83e-04	0.42
15	4	2141	2.35	-0.19	2.17	-8.27e-03	-0.65	0.30	-0.49	-0.20	9.11e-04	0.38
15	4	2142	0.13	-1.90	-1.76	-9.46e-03	-0.51	0.21	-0.48	-0.26	1.35e-03	0.32
15	4	2143	1.79e-02	-4.73	-4.70	-1.07e-02	-0.37	0.13	-0.44	-0.32	1.59e-03	0.24
15	4	2144	-4.88e-03	-6.59	-6.58	-1.20e-02	-0.22	4.78e-02	-0.40	-0.35	1.75e-03	0.14
15	4	2145	-1.27e-02	-7.34	-7.34	-1.32e-02	-5.64e-02	3.77e-03	-0.37	-0.37	1.86e-03	2.67e-02
15	4	2146	-1.26e-02	-6.94	-6.94	-1.43e-02	0.11	1.98e-02	-0.38	-0.37	1.92e-03	-8.32e-02
15	4	2147	-5.30e-04	-5.33	-5.31	-1.54e-02	0.28	8.27e-02	-0.43	-0.34	1.93e-03	-0.19
15	4	2148	6.74e-02	-2.51	-2.42	-1.62e-02	0.46	0.16	-0.46	-0.30	1.79e-03	-0.27
15	4	2149	1.96	-0.22	1.76	-1.71e-02	0.63	0.24	-0.48	-0.24	1.31e-03	-0.34
15	4	2150	7.35	-0.11	7.26	-2.08e-02	0.81	0.30	-0.47	-0.17	-3.08e-04	-0.37
15	4	2151	14.13	-0.12	14.06	-5.21e-02	0.99	0.34	-0.44	-9.73e-02	-6.71e-03	-0.39
15	4	2152	22.20	-0.32	22.14	-0.26	1.17	0.37	-0.46	-6.95e-02	-2.95e-02	-0.41
15	4	2153	30.30	-2.44	30.29	-2.43	-0.58	0.48	-0.69	-0.23	1.98e-02	-0.57
15	4	2154	-2.62e-02	-38.02	-2.64e-02	-38.02	-8.30e-02	0.12	-9.92e-02	3.29e-03	2.22e-02	-0.11
15	4	2155	-3.87e-02	-32.63	-3.98e-02	-32.63	-0.19	9.19e-02	-6.67e-02	6.87e-04	2.46e-02	-7.84e-02
15	4	2156	5.86	-113.79	5.70	-113.63	-4.38	0.23	-0.20	-6.65e-02	9.74e-02	0.20
15	4	2157	0.55	-106.25	0.55	-106.25	-0.15	0.34	-4.77e-02	2.03e-02	0.27	0.15
15	4	2158	-21.81	-135.45	-24.23	-133.04	16.37	0.26	-8.88e-02	0.12	5.50e-02	0.17
15	4	2159	3.09e-02	-96.81	3.09e-02	-96.81	6.87e-02	0.29	-4.97e-02	3.48e-03	0.23	0.12
15	4	2160	7.08e-03	-87.46	6.99e-03	-87.46	8.86e-02	0.24	-3.48e-02	2.67e-03	0.20	9.39e-02
15	4	2161	8.09e-03	-78.35	8.01e-03	-78.35	7.82e-02	0.20	-1.99e-02	-1.60e-03	0.18	6.10e-02
15	4	2162	1.41e-02	-69.62	1.40e-02	-69.62	5.88e-02	0.18	-8.89e-04	6.05e-03	0.17	3.48e-02
15	4	2163	8.30e-03	-61.28	8.27e-03	-61.28	4.13e-02	0.16	-7.95e-03	-6.60e-03	0.15	1.48e-02
15	4	2164	1.80e-02	-53.40	1.80e-02	-53.40	1.52e-02	0.14	4.85e-03	4.87e-03	0.14	-1.87e-03
15	4	2165	7.20e-03	-45.96	7.20e-03	-45.96	-5.68e-03	0.14	-6.76e-03	-6.47e-03	0.13	-6.35e-03
15	4	2166	2.65e-02	-39.10	2.64e-02	-39.10	-3.87e-02	0.10	3.99e-03	5.17e-03	0.10	-1.08e-02
15	4	2167	8.12e-03	-32.80	8.02e-03	-32.80	-5.94e-02	9.00e-02	-9.49e-03	-7.80e-03	8.83e-02	-1.29e-02
15	4	2168	4.15e-02	-27.29	4.11e-02	-27.29	-0.10	5.62e-02	-5.76e-04	4.72e-03	5.10e-02	-1.65e-02
15	4	2169	2.54e-02	-22.57	2.46e-02	-22.57	-0.13	5.52e-02	-1.73e-02	2.38e-02	1.41e-02	-3.59e-02
15	4	2170	3.91e-02	-18.90	3.72e-02	-18.90	-0.19	3.97e-02	-7.95e-02	-3.76e-02	-2.28e-03	-5.69e-02
15	4	2171	-0.15	-16.18	-0.15	-16.18	-0.20	5.62e-02	-7.93e-02	2.07e-02	-4.38e-02	-5.96e-02
15	4	2172	-1.28	-16.75	-1.41	-16.63	-1.39	7.80e-02	-5.90e-02	-1.35e-02	3.24e-02	-6.46e-02
15	4	2173	5.26	-103.72	5.09	-103.54	4.39	0.20	-0.15	-6.78e-02	0.11	0.15
15	4	2174	0.49	-100.94	0.49	-100.94	0.38	0.39	-4.97e-02	1.79e-02	0.32	0.16
15	4	2175	-19.19	-119.70	-21.48	-117.41	-15.01	0.28	-9.00e-02	0.13	5.92e-02	0.18
15	4	2176	1.45e-02	-95.24	1.43e-02	-95.24	0.16	0.34	-4.25e-02	3.90e-03	0.30	0.13
15	4	2177	-5.09e-03	-89.28	-5.22e-03	-89.28	0.11	0.30	-2.62e-02	3.38e-05	0.27	8.81e-02
15	4	2178	-4.04e-03	-83.08	-4.14e-03	-83.08	8.68e-02	0.26	-1.26e-02	-1.48e-05	0.24	5.67e-02
15	4	2179	-7.92e-04	-76.71	-8.55e-04	-76.71	6.91e-02	0.23	-1.02e-03	1.96e-03	0.23	2.61e-02
15	4	2180	-6.34e-03	-70.08	-6.37e-03	-70.08	4.53e-02	0.18	-2.79e-03	-2.63e-03	0.18	5.46e-03
15	4	2181	-6.12e-04	-63.24	-6.23e-04	-63.24	2.69e-02	0.17	-1.17e-03	-9.73e-04	0.17	-5.71e-03
15	4	2182	-9.01e-03	-56.06	-9.01e-03	-56.06	-1.48e-03	0.14	-6.30e-04	7.48e-04	0.14	-1.38e-02



15	4	2183	4.08e-03	-48.68	4.07e-03	-48.68	-2.01e-02	0.11	-2.61e-03	-1.03e-05	0.11	-1.73e-02	
15	4	2184	-9.10e-03	-40.90	-9.18e-03	-40.90	-5.74e-02	9.67e-02	-9.92e-03	-5.66e-03	9.24e-02	-2.09e-02	
15	4	2185	1.23e-02	-33.04	1.21e-02	-33.04	-7.87e-02	6.51e-02	-2.67e-03	5.54e-03	5.69e-02	-2.21e-02	
15	4	2186	-4.11e-04	-24.84	-9.71e-04	-24.84	-0.12	8.98e-02	-5.55e-02	-3.93e-02	7.36e-02	-4.57e-02	
15	4	2187	-1.36e-02	-16.66	-1.45e-02	-16.66	-0.12	0.11	-3.32e-02	7.20e-02	6.64e-03	-6.48e-02	
15	4	2188	-0.34	-8.28	-0.35	-8.27	-0.17	0.13	-8.66e-02	-3.49e-02	8.08e-02	-9.30e-02	
15	4	2189	-0.86	-5.04	-3.34	-2.56	2.05	0.41	-0.24	-5.14e-02	0.22	-0.29	
15	4	2190	-3.45e-02	-25.39	-3.80e-02	-25.39	-0.30	0.21	-0.18	-0.11	0.14	-0.15	
15	4	2191	-7.99e-02	-16.48	-9.13e-02	-16.47	-0.43	0.38	-0.10	0.20	8.17e-02	-0.23	
15	4	2192	5.26	-103.72	5.09	-103.54	-4.39	0.20	-0.15	-6.78e-02	0.11	-0.15	
15	4	2193	0.49	-100.94	0.49	-100.94	-0.38	0.39	-4.97e-02	1.79e-02	0.32	-0.16	
15	4	2194	-19.19	-119.70	-21.48	-117.41	15.01	0.28	-9.00e-02	0.13	5.92e-02	-0.18	
15	4	2195	1.45e-02	-95.24	1.43e-02	-95.24	-0.16	0.34	-4.25e-02	3.90e-03	0.30	-0.13	
15	4	2196	-5.09e-03	-89.28	-5.22e-03	-89.28	-0.11	0.30	-2.62e-02	3.38e-05	0.27	-8.81e-02	
15	4	2197	-4.04e-03	-83.08	-4.14e-03	-83.08	-8.68e-02	0.26	-1.26e-02	-1.48e-05	0.24	-5.67e-02	
15	4	2198	-7.92e-04	-76.71	-8.55e-04	-76.71	-6.91e-02	0.23	-1.02e-03	1.96e-03	0.23	-2.61e-02	
15	4	2199	-6.34e-03	-70.08	-6.37e-03	-70.08	-4.53e-02	0.18	-2.79e-03	-2.63e-03	0.18	-5.46e-03	
15	4	2200	-6.12e-04	-63.24	-6.23e-04	-63.24	-2.69e-02	0.17	-1.17e-03	-9.73e-04	0.17	5.71e-03	
15	4	2201	-9.01e-03	-56.06	-9.01e-03	-56.06	1.48e-03	0.14	-6.30e-04	7.48e-04	0.14	1.38e-02	
15	4	2202	4.08e-03	-48.68	4.07e-03	-48.68	2.01e-02	0.11	-2.61e-03	-1.03e-05	0.11	1.73e-02	
15	4	2203	-9.10e-03	-40.90	-9.18e-03	-40.90	5.74e-02	9.67e-02	-9.92e-03	-5.66e-03	9.24e-02	2.09e-02	
15	4	2204	1.23e-02	-33.04	1.21e-02	-33.04	7.87e-02	6.51e-02	-2.67e-03	5.54e-03	5.69e-02	2.21e-02	
15	4	2205	-4.11e-04	-24.84	-9.70e-04	-24.84	0.12	8.98e-02	-5.55e-02	-3.93e-02	7.36e-02	4.57e-02	
15	4	2206	-1.36e-02	-16.66	-1.45e-02	-16.66	0.12	0.11	-3.32e-02	7.20e-02	6.64e-03	6.48e-02	
15	4	2207	-0.34	-8.28	-0.35	-8.27	0.17	0.13	-8.66e-02	-3.49e-02	8.08e-02	9.30e-02	
15	4	2208	-0.86	-5.04	-3.34	-2.56	-2.05	0.41	-0.24	-5.14e-02	0.22	0.29	
15	4	2209	5.86	-113.79	5.70	-113.63	4.38	0.23	-0.20	-6.65e-02	9.74e-02	-0.20	
15	4	2210	0.55	-106.25	0.55	-106.25	0.15	0.34	-4.77e-02	2.03e-02	0.27	-0.15	
15	4	2211	-21.81	-135.45	-24.23	-133.04	-16.37	0.26	-8.88e-02	0.12	5.50e-02	-0.17	
15	4	2212	3.09e-02	-96.81	3.09e-02	-96.81	-6.87e-02	0.29	-4.97e-02	3.48e-03	0.23	-0.12	
15	4	2213	7.08e-03	-87.46	6.99e-03	-87.46	-8.86e-02	0.24	-3.48e-02	2.67e-03	0.20	-9.39e-02	
15	4	2214	8.09e-03	-78.35	8.01e-03	-78.35	-7.82e-02	0.20	-1.99e-02	-1.60e-03	0.18	-6.10e-02	
15	4	2215	1.41e-02	-69.62	1.40e-02	-69.62	-5.88e-02	0.18	-8.89e-04	6.05e-03	0.17	-3.48e-02	
15	4	2216	8.30e-03	-61.28	8.27e-03	-61.28	-4.13e-02	0.16	-7.95e-03	-6.60e-03	0.15	-1.48e-02	
15	4	2217	1.80e-02	-53.40	1.80e-02	-53.40	-1.52e-02	0.14	4.85e-03	4.87e-03	0.14	1.87e-03	
15	4	2218	7.20e-03	-45.96	7.20e-03	-45.96	5.68e-03	0.14	-6.76e-03	-6.47e-03	0.13	6.36e-03	
15	4	2219	2.65e-02	-39.10	2.64e-02	-39.10	3.87e-02	0.10	3.99e-03	5.17e-03	0.10	1.08e-02	
15	4	2220	8.12e-03	-32.80	8.02e-03	-32.80	5.94e-02	9.00e-02	-9.49e-03	-7.80e-03	8.83e-02	1.29e-02	
15	4	2221	4.15e-02	-27.29	4.11e-02	-27.29	0.10	5.62e-02	-5.76e-04	4.72e-03	5.10e-02	1.65e-02	
15	4	2222	2.54e-02	-22.57	2.46e-02	-22.57	0.13	5.52e-02	-1.73e-02	2.38e-02	1.41e-02	3.59e-02	
15	4	2223	3.91e-02	-18.90	3.72e-02	-18.90	0.19	3.97e-02	-7.95e-02	-3.76e-02	-2.28e-03	5.69e-02	
15	4	2224	-0.15	-16.18	-0.15	-16.18	0.20	5.62e-02	-7.93e-02	2.07e-02	-4.38e-02	5.96e-02	
15	4	2225	-1.28	-16.75	-1.41	-16.63	1.39	7.80e-02	-5.90e-02	-1.35e-02	3.24e-02	6.46e-02	
15	4	2226	-0.42	-5.18	-0.48	-5.12	-0.54	0.53	-0.30	-9.75e-02	0.32	-0.36	
15	4	2227	6.13	-4.90	-4.50	5.73	2.05	1.21	-0.73	-0.11	0.59	-0.90	
15	4	2228	4.14	-78.35	4.09	-78.29	-2.11	0.67	-0.72	-3.23e-02	-2.00e-02	0.70	
15	4	2229	0.41	-65.87	0.41	-65.87	0.34	0.52	-0.51	1.77e-02	-1.21e-02	0.51	
15	4	2230	-16.25	-99.75	-17.65	-98.36	10.70	0.79	-0.70	3.54e-02	5.65e-02	0.74	
15	4	2231	5.15e-02	-54.29	4.78e-02	-54.29	0.45	0.29	-0.34	3.77e-03	-5.10e-02	0.32	
15	4	2232	2.82e-02	-43.40	2.44e-02	-43.40	0.41	0.10	-0.14	6.30e-03	-4.68e-02	0.12	
15	4	2233	2.74e-02	-33.45	2.38e-02	-33.44	0.35	3.60e-02	-4.26e-02	-2.72e-03	-3.89e-03	-3.93e-02	
15	4	2234	3.21e-02	-24.53	2.87e-02	-24.52	0.29	0.17	-0.13	7.31e-03	3.59e-02	-0.15	
15	4	2235	2.84e-02	-16.74	2.55e-02	-16.74	0.22	0.24	-0.17	-8.72e-03	8.06e-02	-0.20	
15	4	2236	3.55e-02	-10.09	3.33e-02	-10.09	0.15	0.27	-0.16	8.46e-03	9.95e-02	-0.21	
15	4	2237	2.75e-02	-4.71	2.62e-02	-4.71	7.80e-02	0.26	-0.14	-1.26e-02	0.13	-0.19	
15	4	2238	4.14e-02	-0.59	4.14e-02	-0.59	-4.19e-03	0.21	-9.59e-02	7.98e-03	0.11	-0.15	
15	4	2239	1.97	2.49e-02	2.89e-02	1.97	-8.85e-02	0.17	-7.48e-02	-8.14e-03	9.93e-02	-0.11	
15	4	2240	2.99	4.72e-02	6.09e-02	2.98	-0.20	0.12	-4.79e-02	2.55e-03	6.50e-02	-7.55e-02	
15	4	2241	1.97	-1.62e-03	4.66e-02	1.92	-0.30	0.19	-0.15	0.11	-6.71e-02	-0.14	
15	4	2242	0.23	-1.38	7.78e-02	-1.22	-0.47	0.13	-0.35	-0.18	-3.78e-02	-0.23	
15	4	2243	8.45e-02	-7.07	3.16e-02	-7.02	-0.61	0.30	-0.45	9.69e-02	-0.25	-0.33	
15	4	2244	0.20	-16.56	0.15	-16.51	-0.94	0.56	-0.92	-1.08e-02	-0.34	-0.72	
15	4	2245	-1.33	-22.21	-1.35	-22.19	-0.68	0.70	-1.07	-0.27	-9.92e-02	-0.88	
15	4	2246	1.70	1.23	1.54	1.38	0.22	1.26	-7.78e-02	-8.75e-03	1.19	-0.30	
15	4	2247	1.24	-26.80	1.09	-26.65	2.08	0.72	-0.61	-3.62e-02	0.15	0.66	
M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2	
			102.65	-343.42	-74.22	-337.32	-41.49		-2.70	-0.97	-1.55	-2.81	
					89.11	57.87	41.49	3.93		3.05	2.93	2.81	
Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	1	16	26.22	0.20	-25.40	-25.20	5.63e-03	-2.24	0.32	0.03	0.06	0.29	-0.09
		79	25.33	0.37	-24.33	-24.08	0.12	-2.44	0.42	-0.02	0.10	0.31	-0.19
		78	19.54	0.52	-17.39	-16.89	0.01	-2.96	0.41	-0.14	-0.04	0.30	-0.22



		77	19.44	0.57	-17.81	-17.32	0.08	-2.95	0.16	-0.14	-0.13	0.16	-0.04
1	2	16	132.00	1.34	-126.62	-124.15	-1.13	-17.62	2.82	-0.17	0.88	1.77	1.43
		79	120.03	2.13	-117.03	-114.20	-0.71	-18.15	2.35	0.17	0.68	1.85	0.92
		78	94.26	5.42	-85.89	-79.35	-1.12	-23.55	-1.43	-3.72	-1.57	-3.58	0.54
		77	101.52	5.83	-89.56	-83.49	-0.24	-23.29	-0.43	-3.73	-1.36	-2.79	1.49
1	3	16	21.33	0.22	-21.16	-20.90	-0.05	-2.37	0.26	0.05	0.08	0.22	0.08
		79	20.34	0.37	-19.93	-19.61	0.05	-2.55	0.23	0.08	0.08	0.23	0.01
		78	15.11	0.68	-14.43	-13.72	-0.03	-3.20	-0.12	-0.19	-0.13	-0.18	-0.02
		77	15.39	0.73	-14.90	-14.24	0.06	-3.15	-0.05	-0.25	-0.14	-0.16	0.10
1	4	16	53.12	0.56	-51.16	-50.21	-0.38	-6.92	1.05	-0.06	0.33	0.66	0.53
		79	48.53	0.90	-47.41	-46.31	-0.20	-7.21	0.87	0.07	0.25	0.69	0.34
		78	37.87	2.15	-34.74	-32.23	-0.37	-9.30	-0.53	-1.38	-0.58	-1.33	0.20
		77	40.58	2.30	-36.17	-33.84	-0.03	-9.17	-0.16	-1.38	-0.50	-1.04	0.55
2	1	22	13.49	1.51	-10.58	-8.38	-0.69	-4.66	0.38	-0.22	-0.22	0.37	-0.03
		81	14.95	1.16	-10.67	-8.75	-0.76	-4.36	0.22	-0.48	-0.36	0.09	-0.27
		55	10.47	5.54	-3.31	2.63	-0.40	-4.16	0.54	-0.08	0.32	0.14	0.30
		84	12.58	5.26	-3.53	3.10	-1.38	-3.78	-1.32	-1.49	-1.44	-1.37	0.08
2	2	22	80.04	14.91	-57.21	-36.34	-5.95	-32.70	-2.73	-3.93	-3.60	-3.06	-0.53
		81	102.01	10.76	-57.61	-39.30	-7.55	-30.28	-4.38	-14.10	-4.44	-14.04	-0.80
		55	111.31	34.94	-22.65	14.82	-2.53	-27.45	2.23	-12.32	2.09	-12.19	-1.39
		84	155.98	33.53	-23.05	21.86	-11.38	-22.89	-12.97	-25.31	-13.87	-24.41	-3.21
2	3	22	11.70	1.86	-9.14	-6.59	-0.68	-4.64	-0.11	-0.35	-0.34	-0.13	-0.05
		81	12.46	1.44	-9.24	-6.98	-0.83	-4.37	-0.41	-1.06	-0.44	-1.03	-0.14
		55	10.84	5.19	-3.25	2.27	-0.33	-4.01	0.25	-0.88	0.25	-0.88	-0.02
		84	15.39	5.00	-3.28	3.06	-1.33	-3.51	-1.40	-2.30	-1.46	-2.24	-0.22
2	4	22	31.60	5.84	-22.96	-14.88	-2.24	-12.94	-1.02	-1.46	-1.34	-1.14	-0.20
		81	39.06	4.30	-23.17	-16.03	-2.84	-12.05	-1.62	-5.24	-1.65	-5.22	-0.30
		55	42.32	13.90	-8.98	5.88	-0.96	-10.91	0.82	-4.59	0.77	-4.54	-0.52
		84	58.62	13.38	-9.05	8.62	-4.29	-9.17	-4.80	-9.40	-5.14	-9.07	-1.20
3	1	11	28.87	-2.63	-29.64	-28.14	-4.13	-6.19	-0.03	-0.09	-0.08	-0.03	-0.02
		31	28.24	2.23	-26.33	-26.23	2.13	-1.65	0.08	-0.09	-0.09	0.07	0.02
		30	20.50	0.58	-19.70	-19.04	-0.08	-3.59	0.09	-0.14	-0.10	0.06	0.08
		88	16.83	-2.89	-17.89	-17.08	-3.69	-3.38	0.05	-0.04	8.87e-03	9.78e-03	0.04
3	2	11	166.23	-11.71	-155.85	-147.01	-20.56	-34.59	2.62	-1.97	0.93	-0.27	2.22
		31	147.19	10.00	-134.86	-133.80	8.94	-12.37	2.92	-1.14	0.88	0.90	2.03
		30	118.83	6.14	-100.14	-93.98	-0.03	-24.85	1.46	-3.19	-0.05	-1.67	2.18
		88	102.64	-11.48	-91.71	-85.37	-17.81	-21.63	2.36	-2.53	0.40	-0.56	2.40
3	3	11	25.44	-2.12	-25.42	-24.05	-3.49	-5.48	0.17	-0.16	0.05	-0.03	0.16
		31	23.46	1.86	-22.24	-22.11	1.73	-1.74	0.23	-0.09	0.04	0.09	0.16
		30	17.92	0.75	-16.61	-15.84	-0.03	-3.58	0.12	-0.26	-0.03	-0.11	0.19
		88	15.30	-2.14	-15.10	-14.24	-3.00	-3.23	0.19	-0.20	0.03	-0.04	0.19
3	4	11	66.43	-4.81	-62.82	-59.27	-8.35	-13.89	0.98	-0.73	0.35	-0.10	0.82
		31	59.16	4.16	-54.40	-53.98	3.75	-4.92	1.09	-0.42	0.33	0.33	0.75
		30	47.37	2.40	-40.45	-38.04	-0.01	-9.87	0.54	-1.18	-0.02	-0.62	0.81
		88	40.78	-4.68	-36.98	-34.48	-7.18	-8.63	0.88	-0.94	0.15	-0.21	0.89
4	1	24	9.24	-0.78	-9.29	-7.79	-2.28	-3.24	0.05	-0.08	-0.03	2.55e-03	0.06
		32	12.52	1.85	-10.72	-8.25	-0.61	-4.99	0.01	-0.22	-0.09	-0.12	0.12
		34	9.62	6.65	-3.62	3.97	-0.94	-4.52	-0.14	-0.30	-0.15	-0.29	-0.04
		33	7.22	6.12	-1.09	3.96	1.07	-3.30	0.07	-0.02	0.04	0.01	-0.04
4	2	24	51.73	2.96	-46.94	-34.46	-9.52	-21.61	0.46	-0.86	-0.50	0.10	0.59
		32	86.57	16.38	-56.29	-36.39	-3.51	-32.41	0.09	-5.07	-0.23	-4.75	1.25
		34	100.21	47.06	-20.12	30.68	-3.74	-28.85	-0.03	-8.01	-1.95	-6.09	-3.41
		33	74.61	45.53	-4.99	31.88	8.67	-22.43	3.21	-2.24	0.79	0.18	-2.71
4	3	24	8.02	-0.12	-7.78	-6.14	-1.77	-3.14	0.05	-0.09	-0.04	7.59e-03	0.06
		32	12.11	2.17	-9.14	-6.51	-0.46	-4.78	-3.29e-03	-0.43	-0.05	-0.39	0.13
		34	11.85	6.65	-3.14	4.17	-0.66	-4.26	-0.04	-0.69	-0.19	-0.55	-0.27
		33	8.90	6.31	-0.83	4.30	1.18	-3.22	0.26	-0.17	0.07	0.02	-0.22
4	4	24	20.62	0.99	-18.94	-14.04	-3.91	-8.59	0.17	-0.32	-0.18	0.04	0.22
		32	34.08	6.48	-22.65	-14.84	-1.32	-12.90	0.03	-1.88	-0.09	-1.76	0.46
		34	38.69	18.62	-8.03	12.08	-1.49	-11.47	-9.62e-03	-2.98	-0.72	-2.27	-1.27
		33	28.87	17.99	-1.99	12.57	3.43	-8.88	1.19	-0.83	0.29	0.07	-1.01
5	1	15	24.15	0.25	-23.25	-23.04	0.04	-2.19	0.46	-0.14	0.10	0.22	-0.29
		37	23.01	0.34	-22.27	-22.01	0.08	-2.41	0.43	-0.27	0.10	0.06	-0.35
		36	19.14	0.54	-16.45	-15.98	0.06	-2.79	0.86	-0.05	0.21	0.60	-0.41
		82	19.15	0.47	-16.85	-16.39	7.06e-03	-2.78	0.65	-0.10	0.10	0.45	-0.33
5	2	15	110.53	2.07	-107.50	-104.54	-0.90	-17.78	1.71	0.40	0.44	1.68	0.21
		37	101.91	2.31	-98.12	-94.96	-0.86	-17.54	1.05	0.13	0.15	1.02	-0.14
		36	83.24	5.06	-76.61	-70.26	-1.29	-21.87	-1.69	-4.79	-1.78	-4.69	-0.54
		82	88.42	5.06	-81.22	-74.77	-1.39	-22.69	-1.93	-4.43	-1.93	-4.43	0.07
5	3	15	19.20	0.28	-18.67	-18.36	-0.02	-2.37	0.22	0.03	0.06	0.19	-0.07
		37	18.06	0.37	-17.49	-17.14	0.01	-2.50	0.19	-0.05	0.04	0.10	-0.12
		36	14.28	0.65	-13.27	-12.59	-0.03	-3.00	0.05	-0.30	-0.07	-0.18	-0.16
		82	14.62	0.61	-13.80	-13.13	-0.07	-3.04	-0.06	-0.26	-0.12	-0.20	-0.09
5	4	15	44.80	0.83	-43.64	-42.51	-0.30	-6.99	0.64	0.15	0.16	0.62	0.08
		37	41.44	0.96	-39.98	-38.75	-0.26	-6.98	0.39	0.05	0.06	0.38	-0.05
		36	33.54	2.01	-31.11	-28.67	-0.43	-8.65	-0.63	-1.78	-0.66	-1.75	-0.20
		82	35.55	1.99	-32.89	-30.42	-0.48	-8.94	-0.72	-1.65	-0.72	-1.65	0.03



6	1	23	12.65	1.25	-10.70	-8.89	-0.55	-4.28	0.62	0.21	0.26	0.57	-0.13
		39	17.96	1.06	-10.85	-9.13	-0.66	-4.19	1.61	0.12	0.23	1.50	-0.39
		42	15.25	5.09	-3.26	2.17	-0.34	-3.99	1.76	0.14	0.24	1.66	0.38
		86	14.27	4.92	-3.46	2.48	-1.02	-3.80	1.27	-0.11	0.03	1.13	0.42
6	2	23	83.65	12.57	-57.73	-38.61	-6.55	-31.29	-2.59	-5.68	-3.16	-5.11	-1.20
		39	112.67	7.96	-57.18	-41.14	-8.09	-28.07	-4.66	-16.56	-4.81	-16.41	-1.33
		42	112.17	28.59	-26.04	4.60	-2.04	-27.11	3.26	-13.80	3.24	-13.78	-0.56
		86	183.51	23.02	-26.82	9.98	-13.78	-21.90	-16.98	-31.54	-17.18	-31.34	-1.68
6	3	23	11.48	1.55	-9.25	-7.00	-0.69	-4.38	-0.06	-0.33	-0.16	-0.22	-0.13
		39	12.29	1.15	-9.32	-7.31	-0.85	-4.12	-0.21	-0.88	-0.30	-0.80	-0.22
		42	8.38	4.44	-3.55	1.17	-0.28	-3.93	0.32	-0.56	0.31	-0.56	0.07
		86	13.28	3.95	-3.60	1.76	-1.41	-3.43	-1.28	-2.04	-1.28	-2.04	-7.37e-03
6	4	23	32.85	4.93	-23.20	-15.81	-2.47	-12.38	-0.97	-2.12	-1.18	-1.90	-0.45
		39	42.93	3.21	-23.06	-16.80	-3.05	-11.19	-1.73	-6.16	-1.79	-6.10	-0.50
		42	42.45	11.42	-10.31	1.89	-0.78	-10.78	1.21	-5.14	1.20	-5.13	-0.21
		86	68.69	9.31	-10.52	3.98	-5.19	-8.79	-6.31	-11.73	-6.38	-11.66	-0.63
7	1	17	21.81	0.25	-21.16	-20.93	0.03	-2.19	0.26	-0.41	0.04	-0.19	-0.31
		70	21.04	0.38	-20.14	-19.83	0.07	-2.50	0.14	-0.43	0.02	-0.31	-0.23
		69	17.39	0.61	-15.56	-15.05	0.10	-2.84	0.89	0.22	0.38	0.73	-0.28
		40	18.11	0.51	-15.97	-15.51	0.05	-2.71	0.99	0.14	0.39	0.74	-0.38
7	2	17	94.53	2.32	-88.65	-85.47	-0.86	-16.71	0.96	-0.35	-0.14	0.76	-0.47
		70	85.27	2.57	-79.69	-76.32	-0.80	-16.30	0.44	-0.75	-0.35	0.04	-0.56
		69	75.52	4.85	-66.29	-60.31	-1.12	-19.73	-1.63	-5.20	-1.85	-4.98	-0.86
		40	79.90	4.66	-71.44	-65.34	-1.44	-20.66	-2.01	-5.36	-2.13	-5.25	-0.61
7	3	17	16.72	0.30	-16.21	-15.89	-0.02	-2.28	0.13	-0.13	2.46e-03	1.29e-03	-0.13
		70	15.51	0.40	-15.06	-14.66	0.01	-2.43	0.06	-0.17	-0.02	-0.09	-0.11
		69	12.84	0.66	-12.04	-11.37	-7.95e-03	-2.83	0.07	-0.26	-0.03	-0.16	-0.15
		40	13.45	0.58	-12.62	-11.98	-0.06	-2.84	0.06	-0.29	-0.04	-0.18	-0.16
7	4	17	38.42	0.92	-36.21	-35.01	-0.28	-6.58	0.36	-0.13	-0.05	0.28	-0.18
		70	34.83	1.06	-32.71	-31.40	-0.24	-6.52	0.17	-0.28	-0.13	0.02	-0.21
		69	30.36	1.93	-27.09	-24.79	-0.37	-7.84	-0.61	-1.94	-0.69	-1.86	-0.32
		40	32.07	1.83	-29.07	-26.74	-0.50	-8.16	-0.75	-2.00	-0.79	-1.95	-0.23
8	1	25	13.40	1.15	-11.00	-9.40	-0.45	-4.10	0.75	0.56	0.68	0.64	-0.09
		71	21.33	1.20	-11.15	-9.39	-0.55	-4.31	2.94	0.89	0.91	2.92	-0.16
		63	22.88	4.82	-3.38	1.87	-0.43	-3.93	3.14	-0.30	-0.29	3.13	0.17
		68	30.92	5.20	-3.36	2.30	-0.46	-4.06	5.51	2.86	2.93	5.44	0.43
8	2	25	81.20	10.82	-56.03	-39.16	-6.06	-29.04	-2.02	-5.92	-2.62	-5.32	-1.41
		71	109.92	6.51	-54.18	-40.26	-7.40	-25.51	-4.48	-16.59	-4.64	-16.43	-1.39
		63	109.19	24.52	-28.19	-2.03	-1.63	-26.35	3.67	-14.20	3.67	-14.20	-0.17
		68	191.19	16.83	-28.84	1.77	-13.78	-21.47	-17.89	-33.44	-17.95	-33.39	-0.90
8	3	25	10.78	1.35	-9.25	-7.26	-0.63	-4.13	0.06	-0.28	-1.54e-03	-0.22	-0.14
		71	10.87	1.07	-9.20	-7.37	-0.77	-3.93	-0.02	-0.45	-0.08	-0.38	-0.16
		63	7.14	3.96	-3.78	0.45	-0.28	-3.85	0.19	-0.16	0.19	-0.16	0.04
		68	8.13	3.48	-3.79	0.93	-1.24	-3.47	-0.48	-0.93	-0.48	-0.92	0.05
8	4	25	31.92	4.24	-22.61	-16.08	-2.29	-11.52	-0.75	-2.21	-0.98	-1.98	-0.53
		71	41.86	2.65	-21.96	-16.52	-2.80	-10.21	-1.66	-6.18	-1.72	-6.12	-0.52
		63	41.24	9.83	-11.17	-0.70	-0.63	-10.50	1.36	-5.29	1.36	-5.29	-0.06
		68	71.50	6.92	-11.34	0.77	-5.19	-8.63	-6.65	-12.45	-6.67	-12.43	-0.34
9	1	18	20.55	0.30	-18.91	-18.61	4.58e-03	-2.35	-0.03	-0.59	-0.05	-0.58	-0.08
		75	19.45	0.47	-17.73	-17.30	0.05	-2.76	-0.03	-0.48	-0.04	-0.46	0.08
		74	15.87	0.73	-14.52	-13.88	0.09	-3.06	0.59	0.28	0.32	0.55	0.11
		21	16.02	0.59	-15.01	-14.48	0.06	-2.83	0.83	0.45	0.48	0.79	-0.11
9	2	18	77.54	2.62	-70.63	-67.20	-0.81	-15.46	0.40	-0.88	-0.56	0.08	-0.55
		75	68.28	2.94	-62.17	-58.48	-0.75	-15.06	-0.12	-1.12	-0.69	-0.55	-0.50
		74	64.00	4.79	-55.00	-49.27	-0.94	-17.59	-1.68	-4.70	-1.82	-4.56	-0.64
		21	70.75	4.46	-60.58	-54.83	-1.29	-18.46	-2.02	-5.57	-2.17	-5.42	-0.71
9	3	18	14.01	0.33	-13.76	-13.40	-0.03	-2.22	-0.02	-0.20	-0.05	-0.16	-0.07
		75	12.97	0.47	-12.60	-12.14	7.77e-03	-2.41	-0.06	-0.18	-0.06	-0.18	-0.01
		74	11.28	0.70	-10.67	-9.97	4.55e-03	-2.73	-0.04	-0.19	-0.04	-0.19	-0.02
		21	11.71	0.59	-11.32	-10.68	-0.05	-2.69	0.02	-0.22	-0.02	-0.18	-0.09
9	4	18	31.67	1.03	-29.09	-27.80	-0.27	-6.11	0.15	-0.33	-0.21	0.03	-0.21
		75	28.09	1.21	-25.78	-24.34	-0.23	-6.06	-0.04	-0.42	-0.26	-0.20	-0.19
		74	25.88	1.91	-22.67	-20.46	-0.30	-7.03	-0.62	-1.75	-0.68	-1.70	-0.24
		21	28.41	1.75	-24.83	-22.63	-0.45	-7.32	-0.75	-2.07	-0.81	-2.02	-0.27
10	1	26	14.95	1.12	-11.33	-9.74	-0.47	-4.15	0.66	0.29	0.61	0.34	0.12
		76	21.63	1.36	-11.42	-9.51	-0.55	-4.56	3.24	1.11	1.17	3.18	0.35
		43	25.73	4.64	-3.75	1.50	-0.61	-4.06	3.37	-0.96	-0.95	3.36	-0.17
		73	45.54	5.49	-3.51	2.11	-0.13	-4.36	8.55	5.26	5.26	8.55	0.12
10	2	26	73.94	9.59	-51.70	-36.86	-5.26	-26.26	-1.56	-5.02	-2.21	-4.38	-1.35
		76	100.93	5.49	-48.58	-36.53	-6.56	-22.50	-4.25	-15.60	-4.37	-15.49	-1.15
		43	112.84	21.46	-28.53	-5.76	-1.31	-24.90	3.90	-14.59	3.90	-14.59	0.09
		73	194.31	12.80	-29.37	-3.31	-13.26	-20.49	-18.40	-34.35	-18.42	-34.34	-0.52
10	3	26	9.85	1.23	-9.02	-7.22	-0.57	-3.91	0.03	-0.25	9.65e-03	-0.24	-0.07
		76	10.10	1.02	-8.85	-7.12	-0.70	-3.75	0.02	-0.24	0.02	-0.24	0.01
		43	7.09	3.62	-3.95	-0.03	-0.31	-3.78	0.02	-0.13	0.01	-0.12	-0.04
		73	6.64	3.20	-3.93	0.38	-1.10	-3.48	0.17	-0.08	0.17	-0.08	-8.51e-03
10	4	26	29.24	3.76	-21.00	-15.25	-1.99	-10.46	-0.58	-1.88	-0.83	-1.63	-0.51



		76	38.46	2.25	-19.86	-15.13	-2.48	-9.06	-1.58	-5.81	-1.63	-5.77	-0.43
		43	42.50	8.64	-11.34	-2.18	-0.52	-9.96	1.45	-5.44	1.45	-5.44	0.03
		73	72.65	5.36	-11.59	-1.23	-5.00	-8.26	-6.84	-12.79	-6.85	-12.78	-0.20
11	1	19	18.50	0.41	-16.26	-15.83	-0.02	-2.65	4.26e-03	-0.61	-0.07	-0.54	0.20
		50	17.01	0.65	-14.88	-14.24	2.26e-03	-3.10	0.16	-0.43	-0.02	-0.25	0.27
		48	16.58	0.91	-13.10	-12.24	0.05	-3.35	0.66	-0.33	0.12	0.20	0.49
		60	15.95	0.69	-13.79	-13.12	0.02	-3.05	0.71	0.13	0.32	0.53	0.27
11	2	19	59.81	3.05	-53.50	-49.71	-0.74	-14.14	-0.06	-0.87	-0.70	-0.24	-0.33
		50	51.31	3.46	-45.68	-41.53	-0.69	-13.67	-0.36	-0.86	-0.74	-0.48	-0.21
		48	48.76	4.76	-42.86	-37.31	-0.78	-15.27	-1.48	-3.31	-1.49	-3.30	-0.12
		60	58.74	4.31	-48.77	-43.30	-1.16	-16.14	-1.97	-5.12	-2.06	-5.03	-0.53
11	3	19	11.70	0.40	-11.25	-10.81	-0.03	-2.21	-0.06	-0.19	-0.07	-0.18	0.03
		50	10.64	0.57	-10.08	-9.50	-7.20e-03	-2.42	-0.02	-0.15	-0.06	-0.11	0.06
		48	10.41	0.78	-9.09	-8.33	7.48e-03	-2.64	0.01	-0.28	-0.08	-0.19	0.14
		60	10.67	0.61	-9.83	-9.16	-0.06	-2.55	-0.05	-0.24	-0.06	-0.23	0.04
11	4	19	24.65	1.19	-22.28	-20.85	-0.25	-5.62	-0.02	-0.33	-0.26	-0.09	-0.13
		50	21.36	1.41	-19.21	-17.58	-0.21	-5.55	-0.13	-0.32	-0.28	-0.18	-0.08
		48	20.04	1.92	-17.91	-15.75	-0.24	-6.18	-0.55	-1.24	-0.56	-1.23	-0.05
		60	23.68	1.68	-20.20	-18.11	-0.41	-6.43	-0.73	-1.91	-0.77	-1.87	-0.20
12	1	27	15.48	1.14	-11.47	-9.72	-0.61	-4.36	0.39	-0.41	0.09	-0.10	0.39
		52	21.45	1.44	-11.38	-9.31	-0.64	-4.72	2.45	0.48	0.88	2.05	0.79
		57	18.84	4.60	-4.34	0.98	-0.73	-4.39	1.99	-1.24	-1.20	1.95	-0.36
		46	42.43	5.37	-3.93	1.63	-0.20	-4.56	7.78	5.04	5.06	7.76	-0.26
12	2	27	63.41	8.61	-44.81	-31.79	-4.42	-22.94	-0.78	-3.20	-1.69	-2.30	-1.17
		52	88.12	4.49	-40.40	-30.25	-5.65	-18.78	-3.94	-13.89	-4.03	-13.80	-0.95
		57	119.48	18.80	-26.89	-7.13	-0.96	-22.63	4.41	-15.26	4.40	-15.25	0.45
		46	202.96	9.54	-28.35	-5.91	-12.89	-18.62	-19.90	-36.30	-19.90	-36.30	-0.19
12	3	27	9.32	1.16	-8.51	-6.80	-0.55	-3.69	-0.10	-0.22	-0.10	-0.21	0.02
		52	10.76	0.96	-8.15	-6.53	-0.66	-3.49	0.01	-0.51	-0.04	-0.45	0.16
		57	8.09	3.39	-4.04	-0.33	-0.32	-3.71	-0.02	-0.61	-0.03	-0.60	-0.07
		46	7.94	2.89	-4.01	-0.03	-1.10	-3.41	0.02	-0.49	-2.64e-03	-0.47	-0.10
12	4	27	25.36	3.38	-18.40	-13.34	-1.68	-9.20	-0.29	-1.20	-0.63	-0.86	-0.44
		52	33.64	1.86	-16.75	-12.73	-2.15	-7.65	-1.46	-5.18	-1.50	-5.14	-0.35
		57	45.01	7.63	-10.75	-2.73	-0.39	-9.12	1.64	-5.69	1.63	-5.69	0.16
		46	75.86	4.12	-11.24	-2.26	-4.86	-7.57	-7.40	-13.52	-7.40	-13.52	-0.08
13	1	54	14.74	0.80	-12.02	-10.24	-0.98	-4.44	0.53	-0.30	-0.04	0.27	0.38
		61	13.65	0.98	-11.59	-9.60	-1.00	-4.59	0.42	-0.15	2.50e-03	0.26	0.25
		62	15.21	1.27	-10.72	-8.45	-0.99	-4.70	0.51	-0.62	-0.22	0.11	0.54
		28	13.39	1.04	-10.89	-8.85	-1.00	-4.49	0.75	0.19	0.27	0.66	0.20
13	2	54	44.72	4.11	-36.13	-27.28	-4.74	-16.67	-1.76	-4.19	-1.78	-4.16	0.23
		61	36.44	4.34	-30.76	-22.68	-3.74	-14.78	1.27	-3.24e-03	5.86e-03	1.26	-0.11
		62	36.24	5.62	-29.94	-20.43	-3.89	-15.74	0.34	-0.68	-0.68	0.34	-0.02
		28	64.71	4.62	-34.81	-24.86	-5.32	-17.12	-2.78	-8.93	-2.92	-8.79	0.92
13	3	54	9.24	0.63	-8.07	-6.69	-0.75	-3.18	-0.06	-0.33	-0.15	-0.24	0.13
		61	8.21	0.78	-7.52	-6.06	-0.68	-3.17	0.20	-0.02	3.85e-03	0.18	0.07
		62	8.48	1.01	-7.07	-5.38	-0.68	-3.29	0.15	-0.21	-0.12	0.06	0.16
		28	9.41	0.76	-7.48	-5.91	-0.81	-3.24	-0.10	-0.52	-0.14	-0.48	0.13
13	4	54	18.29	1.61	-15.21	-11.74	-1.86	-6.80	-0.65	-1.56	-0.66	-1.56	0.08
		61	15.41	1.78	-13.20	-9.93	-1.49	-6.19	0.48	1.22e-03	4.84e-03	0.48	-0.04
		62	15.26	2.30	-12.76	-8.93	-1.53	-6.56	0.13	-0.26	-0.26	0.13	-8.27e-03
		28	25.37	1.82	-14.56	-10.65	-2.09	-6.98	-1.03	-3.33	-1.08	-3.28	0.34
14	1	28	14.02	1.23	-11.01	-8.94	-0.85	-4.59	0.29	-0.58	-0.29	-1.12e-03	0.41
		62	17.44	1.34	-10.65	-8.48	-0.83	-4.62	1.10	-0.25	0.32	0.53	0.66
		65	11.41	4.63	-4.92	0.50	-0.79	-4.73	-0.12	-0.77	-0.62	-0.27	-0.27
		59	19.56	4.67	-4.53	0.97	-0.83	-4.51	3.05	1.78	2.00	2.84	-0.47
14	2	28	54.70	7.78	-35.41	-23.86	-3.77	-19.11	2.21	-0.98	-0.39	1.63	-1.24
		62	68.46	3.35	-29.94	-21.79	-4.80	-14.31	-3.02	-10.30	-3.24	-10.09	-1.23
		65	124.51	16.22	-23.01	-5.94	-0.85	-19.44	5.70	-15.31	5.64	-15.24	1.18
		59	217.96	6.59	-25.58	-6.10	-12.89	-15.73	-22.75	-39.44	-22.76	-39.43	0.43
14	3	28	8.76	1.11	-7.57	-5.85	-0.60	-3.45	0.12	-0.12	-0.12	0.12	0.02
		62	9.29	0.85	-7.03	-5.50	-0.67	-3.11	-0.13	-0.64	-0.15	-0.62	0.10
		65	10.55	3.22	-3.95	-0.38	-0.35	-3.59	0.24	-1.27	0.24	-1.27	5.23e-03
		59	14.20	2.45	-4.00	-0.25	-1.30	-3.18	-1.13	-2.20	-1.14	-2.19	-0.12
14	4	28	22.07	3.05	-14.79	-10.27	-1.47	-7.76	0.82	-0.37	-0.15	0.60	-0.46
		62	26.40	1.44	-12.74	-9.45	-1.85	-5.98	-1.12	-3.85	-1.20	-3.77	-0.46
		65	46.98	6.67	-9.33	-2.29	-0.37	-7.94	2.12	-5.73	2.10	-5.71	0.44
		59	81.52	3.02	-10.24	-2.35	-4.87	-6.51	-8.47	-14.72	-8.48	-14.71	0.15
15	1	80	11.31	3.98	-4.63	-0.31	-0.34	-4.31	0.03	-0.90	-0.05	-0.82	-0.26
		90	13.53	3.99	-4.25	0.12	-0.38	-4.12	1.26	0.14	0.84	0.56	-0.54
		2	8.26	2.49	-4.66	-0.50	-1.67	-3.53	-0.22	-0.51	-0.28	-0.46	-0.12
		41	11.47	4.68	-2.83	1.64	0.21	-3.69	0.05	-1.11	-0.07	-0.99	0.36
15	2	80	37.39	8.92	-13.80	-2.10	-2.77	-11.36	-0.58	-5.16	-0.67	-5.08	0.62
		90	32.20	11.76	-10.20	1.09	0.47	-10.98	4.81	2.39	4.78	2.42	0.25
		2	22.34	7.04	-13.73	-1.71	-4.98	-10.26	-0.15	-1.02	-0.51	-0.65	0.43
		41	64.81	13.04	-10.51	2.67	-0.13	-11.69	4.25	-4.46	0.89	-1.10	4.24
15	3	80	6.88	2.57	-3.22	-0.33	-0.32	-2.90	-0.05	-0.66	-0.06	-0.66	-0.06
		90	7.59	2.82	-2.82	0.12	-0.12	-2.82	0.73	0.28	0.63	0.38	-0.18



		2	4.85	1.67	-3.26	-0.39	-1.20	-2.43	-0.14	-0.22	-0.14	-0.22	-0.01
		41	9.41	3.26	-2.09	0.98	0.19	-2.64	0.28	-0.71	0.03	-0.46	0.43
15	4	80	14.81	4.03	-5.94	-0.86	-1.04	-4.98	-0.22	-1.94	-0.24	-1.92	0.20
		90	12.65	5.12	-4.58	0.40	0.14	-4.85	1.80	0.92	1.80	0.92	0.05
		2	9.26	3.02	-5.94	-0.75	-2.18	-4.42	-0.09	-0.40	-0.21	-0.28	0.15
		41	25.32	5.74	-4.36	1.29	0.09	-5.01	1.54	-1.72	0.32	-0.49	1.58
16	1	13	14.92	1.31	-9.61	-8.15	-0.15	-3.71	1.38	0.09	0.09	1.38	0.04
		51	10.34	1.32	-7.96	-6.31	-0.33	-3.55	0.44	-0.07	0.20	0.17	-0.25
		49	16.06	4.58	-5.04	-0.69	0.23	-4.79	0.62	-1.69	0.58	-1.66	-0.29
		47	21.57	3.64	-4.98	-0.44	-0.90	-4.30	-1.96	-3.35	-2.17	-3.15	-0.50
16	2	13	65.88	6.88	-24.00	-17.08	-0.04	-12.88	8.70	1.54	1.96	8.29	-1.68
		51	55.20	3.05	-17.74	-12.43	-2.26	-9.07	0.40	-6.62	-1.48	-4.75	-3.11
		49	115.05	13.52	-17.16	-6.08	2.44	-14.74	7.58	-12.55	7.58	-12.55	-0.24
		47	219.71	4.52	-20.80	-6.71	-9.57	-12.58	-25.03	-40.01	-25.03	-40.01	-0.07
16	3	13	10.72	1.05	-6.11	-5.02	-0.03	-2.57	1.09	0.16	0.18	1.07	-0.13
		51	8.16	0.87	-4.96	-3.84	-0.26	-2.30	0.18	-0.52	-0.04	-0.30	-0.32
		49	13.69	3.05	-3.58	-0.84	0.31	-3.26	0.77	-1.51	0.76	-1.50	-0.11
		47	23.35	2.00	-3.80	-0.82	-0.99	-2.90	-2.58	-4.10	-2.60	-4.08	-0.17
16	4	13	25.88	2.69	-10.36	-7.67	1.14e-03	-5.28	3.27	0.57	0.73	3.12	-0.64
		51	21.61	1.37	-7.86	-5.65	-0.83	-3.94	0.18	-2.46	-0.53	-1.75	-1.17
		49	43.67	5.71	-7.17	-2.44	0.97	-6.21	2.84	-4.73	2.84	-4.73	-0.09
		47	82.50	2.25	-8.48	-2.67	-3.55	-5.35	-9.37	-15.00	-9.37	-15.00	-0.04
17	1	1729	11.79	5.76	-1.24	4.64	-0.12	2.56	0.43	-0.14	0.11	0.18	-0.29
		1730	11.31	6.09	-0.96	5.24	-0.11	2.30	0.27	-0.18	-0.03	0.11	-0.21
		1685	23.44	0.07	-17.69	-17.68	0.06	0.31	0.28	-0.16	0.11	0.01	-0.21
		1686	29.03	0.06	-22.38	-22.37	0.06	0.25	0.31	-0.29	0.05	-0.02	-0.30
17	2	1729	70.34	23.86	-24.64	0.90	-1.69	24.21	1.28	-0.92	0.16	0.20	1.10
		1730	66.13	20.81	-23.25	-1.12	-1.31	22.03	1.08	-1.19	-0.12	8.93e-03	1.13
		1685	26.26	1.39	-7.91	-6.68	0.16	3.15	1.16	-1.08	0.06	0.02	1.12
		1686	75.74	0.61	-57.07	-56.78	0.32	4.05	1.04	-1.09	-9.62e-03	-0.04	1.07
17	3	1729	5.94	3.33	-2.08	1.40	-0.15	2.59	0.07	0.05	0.05	0.07	-1.86e-03
		1730	5.62	3.14	-1.79	1.47	-0.12	2.33	0.04	-0.03	-0.02	0.03	0.02
		1685	7.56	0.06	-5.79	-5.77	0.04	0.34	0.05	-5.12e-03	0.04	6.29e-03	0.02
		1686	13.82	0.07	-10.91	-10.90	0.05	0.35	0.01	-0.01	0.01	-9.28e-03	-7.76e-03
17	4	1729	26.16	8.86	-9.18	0.29	-0.61	9.01	0.48	-0.34	0.06	0.07	0.41
		1730	24.55	7.73	-8.62	-0.41	-0.47	8.18	0.40	-0.44	-0.05	2.28e-03	0.42
		1685	9.80	0.53	-2.97	-2.51	0.07	1.19	0.43	-0.40	0.02	9.06e-03	0.42
		1686	28.14	0.23	-21.19	-21.09	0.13	1.48	0.39	-0.41	-6.18e-03	-0.01	0.40
18	1	14	24.37	2.10	-5.94	-3.76	-0.08	-3.58	3.65	0.71	0.97	3.40	-0.83
		38	20.57	2.28	-4.50	-2.16	-0.06	-3.22	2.02	-0.78	0.36	0.88	-1.38
		80	18.05	4.45	-4.49	-0.71	0.67	-4.42	2.16	-0.41	2.04	-0.28	-0.55
		56	37.91	2.84	-4.85	-0.79	-1.23	-3.84	-4.45	-6.67	-4.57	-6.56	-0.50
18	2	14	75.24	9.09	-14.66	-5.11	-0.46	-11.64	11.87	3.38	4.46	10.79	-2.82
		38	63.54	4.38	-14.59	-8.72	-1.49	-8.77	4.39	-4.91	0.29	-0.81	-4.62
		80	71.00	9.72	-11.52	-2.81	1.01	-10.45	9.99	-2.41	9.88	-2.31	-1.13
		56	180.44	3.04	-14.21	-5.00	-6.17	-8.61	-21.73	-33.05	-21.74	-33.04	0.36
18	3	14	14.73	1.60	-3.83	-2.18	-0.04	-2.50	2.18	0.51	0.68	2.01	-0.51
		38	12.60	1.47	-3.26	-1.69	-0.10	-2.23	1.07	-0.58	0.17	0.32	-0.82
		80	11.78	2.80	-3.01	-0.57	0.36	-2.86	1.49	-0.31	1.45	-0.27	-0.28
		56	26.37	1.67	-3.27	-0.77	-0.83	-2.47	-3.16	-4.72	-3.18	-4.71	-0.14
18	4	14	29.81	3.67	-6.40	-2.58	-0.15	-4.89	4.62	1.30	1.72	4.20	-1.10
		38	25.35	2.10	-6.25	-3.63	-0.52	-3.87	1.78	-1.81	0.16	-0.19	-1.78
		80	27.30	4.36	-5.09	-1.19	0.45	-4.65	3.81	-0.91	3.77	-0.87	-0.45
		56	68.65	1.73	-6.04	-2.02	-2.30	-3.89	-8.26	-12.56	-8.26	-12.55	0.11
19	1	60	16.07	0.74	-13.78	-12.64	-0.40	-3.90	0.65	0.11	0.29	0.47	0.25
		48	15.63	0.91	-13.09	-11.73	-0.45	-4.15	0.59	-0.19	0.07	0.33	0.36
		52	15.67	1.23	-11.45	-9.77	-0.45	-4.30	0.73	-0.24	0.15	0.34	0.47
		27	15.70	1.11	-11.37	-9.89	-0.37	-4.03	1.86	0.81	0.81	1.86	-0.01
19	2	60	58.72	4.39	-48.72	-40.88	-3.46	-18.84	-1.96	-4.84	-2.01	-4.80	-0.35
		48	51.29	4.73	-42.88	-35.12	-3.03	-17.58	-1.44	-3.62	-1.48	-3.58	0.29
		52	53.18	6.49	-40.41	-30.68	-3.24	-19.02	-2.12	-5.22	-2.13	-5.21	0.19
		27	79.35	5.68	-44.21	-34.39	-4.14	-19.84	-3.45	-10.89	-3.49	-10.86	0.51
19	3	60	10.67	0.65	-9.81	-8.77	-0.40	-3.14	-0.05	-0.24	-0.07	-0.23	0.05
		48	10.33	0.77	-9.09	-7.93	-0.39	-3.18	1.25e-03	-0.27	-0.09	-0.18	0.13
		52	10.08	1.05	-8.20	-6.75	-0.40	-3.36	-0.03	-0.39	-0.12	-0.30	0.15
		27	9.72	0.89	-8.44	-7.10	-0.45	-3.27	-0.02	-0.28	-0.02	-0.28	0.03
19	4	60	23.70	1.73	-20.17	-17.13	-1.31	-7.57	-0.73	-1.81	-0.75	-1.79	-0.13
		48	21.03	1.91	-17.92	-14.86	-1.15	-7.16	-0.53	-1.35	-0.55	-1.33	0.10
		52	21.45	2.61	-16.78	-12.95	-1.22	-7.72	-0.79	-1.95	-0.80	-1.95	0.07
		27	30.91	2.24	-18.17	-14.36	-1.57	-7.96	-1.28	-4.06	-1.30	-4.05	0.19
20	1	50	16.68	0.53	-14.74	-14.20	-6.79e-03	-2.82	0.20	-0.38	1.83e-04	-0.18	0.28
		20	14.58	0.74	-13.27	-12.48	-0.06	-3.24	0.27	-0.10	0.06	0.11	0.18
		54	15.31	1.00	-12.12	-11.15	0.03	-3.44	0.71	-0.27	0.09	0.36	0.47
		48	16.42	0.74	-13.00	-12.23	-0.03	-3.17	0.72	-0.31	0.14	0.26	0.51
20	2	50	50.89	3.36	-45.55	-41.53	-0.66	-13.43	-0.24	-0.74	-0.65	-0.33	-0.19
		20	43.31	3.93	-37.94	-33.33	-0.69	-13.12	-0.19	-0.67	-0.66	-0.20	-0.07
		54	45.17	4.86	-36.75	-31.10	-0.80	-14.26	-1.53	-3.69	-1.59	-3.64	-0.34



20	3	48	49.51	4.51	-42.61	-37.23	-0.87	-14.98	-1.49	-2.98	-1.53	-2.94	-0.24
		50	10.45	0.48	-9.97	-9.48	-0.01	-2.21	3.31e-03	-0.13	-0.05	-0.08	0.07
		20	9.16	0.64	-8.80	-8.12	-0.04	-2.44	0.05	-0.06	-0.03	0.02	0.05
		54	9.30	0.83	-8.20	-7.38	3.45e-03	-2.60	-0.02	-0.25	-0.10	-0.17	0.11
20	4	48	10.06	0.64	-9.00	-8.31	-0.05	-2.49	0.03	-0.25	-0.07	-0.15	0.13
		50	21.11	1.31	-19.10	-17.58	-0.21	-5.36	-0.09	-0.28	-0.24	-0.12	-0.07
		20	18.18	1.58	-16.11	-14.29	-0.23	-5.36	-0.07	-0.25	-0.25	-0.07	-0.03
		54	18.52	1.97	-15.50	-13.29	-0.24	-5.81	-0.57	-1.38	-0.59	-1.36	-0.13
21	1	48	20.27	1.75	-17.77	-15.72	-0.30	-5.99	-0.56	-1.11	-0.57	-1.10	-0.09
		48	16.37	0.78	-12.99	-11.74	-0.46	-3.95	0.65	-0.32	0.08	0.25	0.48
		54	14.37	1.00	-12.13	-10.64	-0.50	-4.17	0.66	-0.13	0.05	0.49	0.33
		28	13.36	1.22	-11.12	-9.38	-0.52	-4.29	0.74	-0.21	-0.07	0.61	0.33
21	2	52	15.71	1.11	-11.25	-9.68	-0.45	-4.11	1.13	0.05	0.33	0.85	0.47
		48	50.32	4.62	-42.56	-35.01	-2.93	-17.30	-1.49	-2.72	-1.54	-2.67	-0.24
		54	45.35	4.75	-36.81	-29.07	-2.99	-16.18	-1.51	-4.03	-1.52	-4.02	-0.19
		28	59.33	5.76	-35.88	-26.82	-3.31	-17.18	-2.51	-7.78	-2.60	-7.68	-0.70
21	3	52	52.39	5.76	-39.57	-30.50	-3.31	-18.13	-2.39	-5.24	-2.45	-5.17	0.44
		48	9.97	0.68	-8.98	-7.92	-0.39	-3.02	0.01	-0.23	-0.09	-0.13	0.12
		54	9.11	0.81	-8.21	-7.00	-0.40	-3.08	-0.05	-0.22	-0.10	-0.16	0.08
		28	8.63	0.99	-7.70	-6.28	-0.42	-3.21	-0.21	-0.42	-0.22	-0.41	0.04
21	4	52	9.67	0.89	-8.01	-6.70	-0.42	-3.15	0.06	-0.29	-0.09	-0.14	0.17
		48	20.59	1.81	-17.74	-14.82	-1.12	-6.98	-0.56	-1.02	-0.57	-1.00	-0.09
		54	18.53	1.92	-15.52	-12.46	-1.14	-6.64	-0.56	-1.50	-0.57	-1.50	-0.07
		28	23.32	2.33	-15.03	-11.45	-1.25	-7.03	-0.94	-2.90	-0.97	-2.87	-0.27
22	1	52	21.03	2.26	-16.40	-12.87	-1.27	-7.31	-0.89	-1.95	-0.91	-1.93	0.16
		46	37.35	4.59	-5.11	1.68	-2.21	-4.45	6.68	3.87	4.46	6.09	-1.14
		57	24.60	4.98	-3.74	0.78	0.46	-4.36	2.47	-1.30	-1.00	2.18	-1.01
		58	23.04	10.23	-2.11	8.39	-0.27	-4.39	1.85	-0.67	0.52	0.66	-1.26
22	2	6	18.99	9.84	-0.62	9.02	0.20	-2.81	-0.76	-2.53	-0.87	-2.42	-0.43
		46	140.62	14.22	-20.23	-3.32	-2.69	-17.22	-13.21	-25.40	-14.22	-24.38	3.37
		57	122.44	16.67	-29.64	-7.89	-5.07	-23.11	2.67	-16.08	2.26	-15.67	2.75
		58	45.79	25.79	-16.04	11.69	-1.94	-19.78	-2.02	-2.98	-2.68	-2.32	0.45
22	3	6	71.22	23.17	-14.96	9.77	-1.56	-18.21	11.52	5.62	5.64	11.50	0.32
		46	7.01	2.95	-3.62	0.20	-0.87	-3.24	0.29	-0.06	0.27	-0.04	-0.09
		57	8.12	3.42	-4.10	-0.44	-0.24	-3.76	-0.12	-0.58	-0.14	-0.56	-0.09
		58	10.41	6.08	-2.11	4.22	-0.25	-3.44	0.31	-0.40	-0.08	-0.01	-0.36
22	4	6	7.88	5.74	-1.38	4.34	0.02	-2.83	0.28	0.06	0.19	0.15	-0.11
		46	52.75	5.88	-8.18	-1.28	-1.01	-7.03	-4.90	-9.44	-5.27	-9.07	1.25
		57	46.33	6.89	-11.78	-3.01	-1.88	-9.32	0.98	-6.00	0.83	-5.84	1.02
		58	18.30	10.75	-6.30	5.19	-0.74	-7.99	-0.79	-1.12	-1.02	-0.89	0.15
23	1	6	27.08	9.85	-5.79	4.56	-0.50	-7.40	4.28	2.11	2.12	4.28	0.11
		52	15.84	1.15	-11.24	-9.31	-0.78	-4.50	1.69	1.48e-03	0.08	1.61	0.36
		28	14.00	1.34	-11.05	-9.03	-0.67	-4.57	0.38	-0.08	0.18	0.13	0.23
		59	18.66	4.77	-4.79	0.88	-0.90	-4.70	2.70	0.70	0.87	2.52	-0.56
23	2	57	18.35	4.88	-4.42	0.93	-0.47	-4.60	2.48	-0.10	-0.03	2.41	-0.42
		52	99.36	6.32	-42.18	-30.19	-5.68	-20.92	-4.18	-14.62	-4.62	-14.18	2.09
		28	51.32	5.73	-33.50	-24.40	-3.37	-16.56	2.61	-1.64	-0.55	1.52	1.85
		59	217.52	15.88	-34.65	-6.23	-12.55	-25.06	-22.36	-39.57	-22.56	-39.37	1.82
23	3	57	122.49	17.53	-25.60	-7.16	-0.90	-21.34	5.36	-14.93	5.31	-14.88	0.98
		52	11.07	0.99	-8.21	-6.52	-0.71	-3.56	-0.17	-0.77	-0.33	-0.61	0.27
		28	9.54	1.03	-7.47	-5.94	-0.50	-3.26	0.30	-0.14	0.01	0.15	0.21
		59	15.01	3.24	-4.82	-0.30	-1.29	-4.00	-1.48	-2.29	-1.48	-2.29	-0.04
23	4	57	8.04	3.35	-3.94	-0.35	-0.24	-3.64	0.40	-0.43	0.39	-0.43	-0.05
		52	38.28	2.51	-17.38	-12.71	-2.16	-8.43	-1.56	-5.45	-1.72	-5.29	0.78
		28	20.60	2.33	-14.12	-10.49	-1.30	-6.82	0.97	-0.61	-0.20	0.57	0.69
		59	81.42	6.53	-13.68	-2.40	-4.74	-10.04	-8.35	-14.77	-8.42	-14.70	0.67
24	1	57	46.13	7.13	-10.25	-2.75	-0.37	-8.60	1.99	-5.57	1.98	-5.55	0.36
		57	16.68	4.92	-4.02	0.95	-0.05	-4.44	2.27	0.27	0.35	2.19	-0.39
		59	13.77	4.69	-5.51	0.53	-1.36	-5.01	1.36	-0.16	-0.08	1.28	-0.35
		5	15.12	8.60	-2.02	6.84	-0.26	-3.95	0.11	-1.14	-0.40	-0.63	-0.61
24	2	58	20.57	9.87	-1.75	8.45	-0.33	-3.80	1.58	-0.79	0.20	0.59	-1.17
		57	117.43	13.72	-27.08	-7.75	-5.61	-20.37	2.99	-15.80	2.81	-15.62	-1.81
		59	161.24	23.84	-28.93	-3.86	-1.23	-26.36	-15.96	-27.87	-16.51	-27.32	-2.50
		5	79.98	22.36	-21.11	3.56	-2.30	-21.54	12.42	5.02	5.07	12.37	0.57
24	3	58	42.55	27.61	-17.71	11.74	-1.84	-21.62	-1.92	-2.41	-2.09	-2.23	-0.23
		57	9.96	3.08	-3.89	-0.37	-0.44	-3.49	0.39	-0.63	0.32	-0.56	-0.26
		59	14.35	3.86	-4.60	-0.23	-0.51	-4.23	-1.14	-1.89	-1.30	-1.73	-0.31
		5	8.58	5.23	-2.36	3.07	-0.20	-3.42	0.78	0.21	0.24	0.74	-0.14
24	4	58	10.57	6.09	-2.10	4.24	-0.26	-3.42	0.33	-0.43	-0.09	-0.01	-0.38
		57	44.32	5.70	-10.74	-2.95	-2.08	-8.21	1.11	-5.90	1.04	-5.83	-0.68
		59	60.84	9.56	-11.57	-1.53	-0.48	-10.55	-5.96	-10.41	-6.17	-10.20	-0.94
		5	30.41	9.40	-8.11	2.10	-0.80	-8.63	4.61	1.85	1.86	4.59	0.21
25	1	58	17.23	11.45	-6.93	5.22	-0.71	-8.70	-0.70	-0.92	-0.77	-0.85	-0.10
		56	29.95	4.04	-3.31	0.21	0.52	-3.67	-3.49	-5.24	-3.64	-5.09	0.49
		80	14.81	4.03	-5.05	-0.11	-0.91	-4.52	1.65	-0.53	1.63	-0.51	0.19
		41	13.06	4.11	-2.96	1.52	-0.38	-3.41	-0.53	-1.59	-0.88	-1.24	0.50
		3	14.61	5.20	-3.03	2.40	-0.22	-3.90	2.28	1.02	1.03	2.27	0.09



25	2	56	148.66	8.15	-8.20	-2.07	2.02	-7.92	-16.09	-27.31	-18.54	-24.86	4.64
		80	77.77	8.80	-14.98	-1.51	-4.66	-11.79	8.59	-4.43	8.01	-3.85	2.69
		41	71.76	10.69	-9.52	2.55	-1.38	-9.91	1.76	-8.17	-3.46	-2.96	4.96
		3	75.66	11.77	-14.12	-0.03	-2.32	-12.90	11.70	3.98	4.91	10.78	2.51
25	3	56	21.60	2.47	-2.26	-0.12	0.33	-2.35	-2.38	-3.80	-2.61	-3.58	0.52
		80	11.54	2.62	-3.44	-0.18	-0.64	-3.02	1.20	-0.49	1.16	-0.45	0.26
		41	10.48	2.78	-2.12	0.89	-0.23	-2.39	-0.11	-1.17	-0.59	-0.69	0.53
		3	11.05	3.36	-2.42	1.14	-0.20	-2.81	1.61	0.67	0.73	1.56	0.22
25	4	56	56.78	3.69	-3.71	-0.80	0.78	-3.61	-6.11	-10.35	-7.02	-9.43	1.75
		80	30.18	4.03	-6.38	-0.60	-1.75	-5.18	3.26	-1.65	3.05	-1.44	1.00
		41	27.95	4.74	-4.06	1.20	-0.53	-4.32	0.58	-3.13	-1.35	-1.20	1.85
		3	29.19	5.31	-5.71	0.42	-0.82	-5.48	4.42	1.53	1.87	4.08	0.93
26	1	38	16.91	2.00	-4.63	-2.24	-0.39	-3.18	2.08	0.08	0.82	1.34	-0.96
		12	9.31	4.30	-3.00	0.35	0.96	-3.64	0.56	-4.75e-03	0.12	0.43	-0.24
		90	14.28	3.76	-4.41	-0.73	0.08	-4.07	1.17	-0.23	0.68	0.25	-0.67
		80	13.02	4.19	-4.57	-0.43	0.06	-4.37	0.09	-1.09	-0.10	-0.90	-0.43
26	2	38	51.86	1.51	-17.57	-12.82	-3.23	-8.25	6.53	-1.27	4.43	0.82	-3.46
		12	21.94	9.85	-4.66	1.17	4.03	-7.11	0.24	-2.06	-1.96	0.14	-0.47
		90	31.58	12.02	-11.45	-1.77	2.35	-11.55	4.17	0.81	4.12	0.86	-0.41
		80	39.22	10.06	-12.49	0.15	-2.58	-11.19	-0.80	-5.34	-0.82	-5.32	-0.26
26	3	38	10.16	1.02	-3.52	-2.07	-0.43	-2.12	1.22	0.05	0.67	0.60	-0.59
		12	5.56	2.82	-1.73	0.28	0.81	-2.26	0.22	-0.16	-0.12	0.18	-0.12
		90	8.10	2.70	-2.98	-0.49	0.22	-2.82	0.65	-0.02	0.51	0.12	-0.28
		80	8.00	2.76	-3.08	-0.20	-0.11	-2.92	-0.03	-0.75	-0.08	-0.70	-0.18
26	4	38	20.58	0.88	-7.36	-5.21	-1.27	-3.62	2.57	-0.38	1.74	0.45	-1.33
		12	9.34	4.46	-2.22	0.52	1.72	-3.29	0.14	-0.77	-0.73	0.10	-0.18
		90	13.10	5.15	-5.06	-0.80	0.89	-5.04	1.56	0.27	1.53	0.30	-0.20
		80	15.69	4.50	-5.42	-0.03	-0.90	-4.94	-0.28	-2.02	-0.29	-2.01	-0.13
27	1	62	14.76	1.02	-10.46	-6.87	-2.57	-5.32	0.84	-0.31	-0.15	0.68	0.40
		61	12.56	0.85	-11.34	-8.07	-2.43	-5.40	0.44	0.03	0.05	0.42	0.08
		13	13.34	1.12	-9.76	-6.13	-2.51	-5.13	1.12	0.22	0.28	1.06	-0.23
27	2	62	34.61	4.10	-29.55	-15.79	-9.66	-16.55	-1.05	-2.31	-1.11	-2.25	0.25
		61	38.28	3.64	-30.37	-17.87	-8.86	-16.40	1.60	-0.11	0.10	1.39	-0.57
		13	35.37	5.24	-23.72	-11.35	-7.12	-14.33	2.54	0.41	0.88	2.08	-0.88
27	3	62	8.21	0.71	-6.89	-4.37	-1.81	-3.58	0.11	-0.20	-0.13	0.03	0.13
		61	8.04	0.63	-7.34	-5.04	-1.67	-3.61	0.24	0.02	0.03	0.24	-0.02
		13	8.18	0.90	-6.22	-3.67	-1.65	-3.41	0.54	0.11	0.16	0.49	-0.14
27	4	62	14.34	1.61	-12.53	-7.01	-3.91	-6.90	-0.39	-0.86	-0.41	-0.84	0.09
		61	15.98	1.45	-12.96	-7.94	-3.57	-6.87	0.61	-0.04	0.04	0.52	-0.21
		13	14.75	2.12	-10.35	-5.22	-3.01	-6.14	0.97	0.16	0.34	0.79	-0.33
28	1	54	15.12	0.81	-12.04	-8.65	-2.57	-5.66	0.67	-0.29	-0.14	0.52	0.35
		20	14.24	0.71	-13.08	-9.92	-2.45	-5.80	0.21	-0.10	-0.03	0.14	0.13
		61	13.03	0.87	-11.60	-8.04	-2.69	-5.64	0.21	-0.13	-0.06	0.14	0.14
28	2	54	43.72	3.89	-36.33	-21.75	-10.69	-19.33	-1.69	-3.87	-1.79	-3.77	0.45
		20	42.50	3.41	-37.51	-24.21	-9.88	-19.16	-0.23	-0.66	-0.54	-0.34	-0.19
		61	35.59	4.50	-30.51	-17.62	-8.39	-16.88	0.40	-0.27	-0.18	0.32	-0.22
28	3	54	9.21	0.62	-8.09	-5.58	-1.89	-3.95	-0.02	-0.29	-0.17	-0.14	0.13
		20	8.95	0.57	-8.63	-6.31	-1.75	-3.99	0.02	-0.06	-0.05	0.02	0.02
		61	8.00	0.72	-7.52	-4.98	-1.82	-3.81	0.07	-0.04	-0.03	0.07	0.02
28	4	54	17.86	1.53	-15.28	-9.46	-4.30	-8.00	-0.63	-1.45	-0.66	-1.41	0.17
		20	17.77	1.36	-15.86	-10.54	-3.95	-7.96	-0.08	-0.24	-0.20	-0.13	-0.07
		61	15.08	1.79	-13.12	-7.82	-3.51	-7.14	0.15	-0.10	-0.07	0.12	-0.08
29	1	59	21.10	4.54	-4.71	1.16	-1.33	-4.46	3.10	1.45	2.13	2.41	-0.81
		65	15.33	4.78	-4.68	0.23	-0.13	-4.72	0.36	-1.08	-0.68	-0.04	-0.64
		66	21.84	8.43	-2.45	6.38	-0.40	-4.25	1.46	-1.06	0.26	0.14	-1.26
		5	14.30	8.55	-0.94	7.44	0.17	-3.05	0.10	-1.14	-0.27	-0.77	-0.57
29	2	59	158.94	11.89	-17.12	-3.91	-1.32	-14.45	-15.64	-29.06	-17.21	-27.49	4.32
		65	128.37	13.91	-25.90	-6.97	-5.02	-19.88	4.24	-16.38	3.61	-15.75	3.55
		66	51.19	20.22	-15.36	6.88	-2.02	-17.23	-1.51	-4.64	-3.07	-3.08	1.57
		5	77.58	18.25	-16.12	4.03	-1.90	-16.93	12.72	5.84	5.95	12.61	0.85
29	3	59	9.08	2.78	-3.32	-0.03	-0.51	-3.04	-0.64	-1.39	-0.65	-1.38	0.08
		65	10.32	3.16	-4.12	-0.54	-0.42	-3.64	0.07	-1.24	0.06	-1.24	0.07
		66	9.04	5.06	-2.22	3.13	-0.29	-3.21	0.07	-0.49	-0.18	-0.23	-0.28
		5	7.94	4.93	-1.63	3.32	-0.02	-2.82	0.76	0.36	0.39	0.73	-0.11
29	4	59	59.61	5.01	-7.04	-1.53	-0.50	-6.00	-5.81	-10.81	-6.38	-10.23	1.60
		65	48.64	5.87	-10.41	-2.68	-1.87	-8.13	1.57	-6.13	1.33	-5.89	1.32
		66	20.14	8.60	-6.09	3.28	-0.77	-7.06	-0.62	-1.73	-1.17	-1.18	0.56
		5	29.41	7.92	-6.25	2.31	-0.63	-6.93	4.73	2.20	2.24	4.70	0.31
30	1	62	16.42	1.13	-10.70	-8.50	-1.07	-4.60	0.63	-0.99	-0.51	0.15	0.75
		13	14.48	1.33	-9.54	-7.52	-0.70	-4.23	1.64	0.54	0.59	1.59	0.24
		47	23.34	4.51	-6.01	0.24	-1.74	-5.17	-2.95	-3.57	-2.99	-3.53	-0.16
		65	11.64	4.72	-4.67	0.46	-0.41	-4.67	0.92	0.14	0.85	0.21	-0.22
30	2	62	73.54	5.11	-31.89	-21.78	-4.99	-16.49	-2.05	-9.92	-2.58	-9.39	1.97
		13	52.93	4.98	-22.16	-15.12	-2.07	-11.90	7.97	1.07	1.24	7.80	1.07
		47	215.12	13.31	-29.48	-4.48	-11.69	-21.09	-22.88	-39.71	-23.36	-39.23	2.80
		65	129.73	14.80	-21.51	-5.88	-0.83	-17.98	5.85	-15.99	5.68	-15.81	1.94
30	3	62	11.15	0.86	-7.15	-5.51	-0.78	-3.23	-0.11	-0.93	-0.35	-0.68	0.38



		13	9.26	0.98	-6.00	-4.60	-0.42	-2.80	1.13	0.26	0.29	1.10	0.15
		47	23.67	2.98	-4.83	-0.34	-1.51	-3.86	-2.72	-4.16	-2.74	-4.14	0.16
		65	11.98	3.12	-3.74	-0.39	-0.23	-3.43	0.70	-1.17	0.70	-1.17	0.08
30	4	62	28.72	2.04	-13.42	-9.45	-1.94	-6.75	-0.77	-3.71	-0.97	-3.51	0.74
		13	20.56	2.06	-9.73	-6.85	-0.82	-5.07	3.00	0.42	0.48	2.94	0.40
		47	80.86	5.58	-11.78	-1.74	-4.46	-8.57	-8.60	-14.90	-8.78	-14.72	1.03
		65	48.99	6.13	-8.75	-2.27	-0.36	-7.37	2.19	-5.98	2.13	-5.92	0.72
31	1	65	16.49	4.27	-4.67	0.39	-0.79	-4.43	1.37	-0.33	0.96	0.07	-0.73
		47	25.55	5.37	-5.51	0.09	-0.23	-5.44	-2.53	-3.92	-3.09	-3.36	-0.68
		4	14.23	6.65	-2.36	4.59	-0.31	-3.78	1.65	0.23	0.45	1.43	-0.51
		66	21.60	8.40	-2.38	6.46	-0.44	-4.14	1.19	-1.47	-0.26	-0.03	-1.32
31	2	65	113.81	10.79	-23.27	-6.84	-5.63	-17.02	3.74	-15.28	3.63	-15.18	-1.39
		47	160.64	21.47	-22.78	-2.15	0.84	-22.07	-17.14	-29.04	-17.42	-28.76	-1.81
		4	82.45	17.70	-19.23	0.64	-2.17	-18.41	13.23	4.98	5.11	13.10	1.01
		66	43.45	22.27	-17.32	6.81	-1.86	-19.32	-1.87	-3.40	-2.12	-3.15	0.57
31	3	65	13.17	2.66	-3.82	-0.49	-0.67	-3.24	0.64	-1.23	0.57	-1.17	-0.34
		47	20.60	3.94	-4.18	-0.23	-0.01	-4.06	-2.19	-3.39	-2.31	-3.27	-0.36
		4	9.64	4.26	-2.43	2.04	-0.21	-3.15	1.44	0.50	0.51	1.43	-0.08
		66	10.21	5.22	-2.35	3.16	-0.29	-3.37	0.12	-0.63	-0.24	-0.27	-0.37
31	4	65	43.07	4.61	-9.34	-2.63	-2.10	-6.97	1.40	-5.73	1.36	-5.69	-0.53
		47	60.85	8.71	-9.30	-0.89	0.30	-8.99	-6.45	-10.91	-6.56	-10.80	-0.70
		4	31.37	7.58	-7.47	0.87	-0.76	-7.48	4.94	1.85	1.89	4.89	0.37
		66	17.23	9.39	-6.83	3.26	-0.71	-7.86	-0.72	-1.27	-0.79	-1.20	0.19
32	1	47	15.34	4.30	-3.93	0.57	-0.20	-4.10	-1.44	-2.54	-1.44	-2.53	-0.05
		49	13.71	4.41	-5.33	-0.11	-0.81	-4.86	0.37	-1.47	0.37	-1.47	1.30e-03
		53	13.24	6.32	-2.77	4.01	-0.46	-3.95	0.05	-0.98	-0.27	-0.65	-0.48
		4	12.35	6.88	-1.80	5.06	0.02	-3.54	1.43	0.43	0.53	1.32	-0.31
32	2	47	175.80	9.96	-12.25	-2.92	0.63	-10.96	-18.31	-32.42	-20.54	-30.20	5.15
		49	119.06	11.24	-20.24	-4.19	-4.81	-15.74	6.87	-13.22	5.91	-12.27	4.28
		53	65.16	14.86	-12.97	3.97	-2.07	-13.59	-0.31	-7.44	-3.60	-4.15	3.55
		4	85.51	14.49	-16.13	0.53	-2.17	-15.25	13.96	5.63	6.05	13.54	1.83
32	3	47	18.44	2.62	-2.75	-0.12	-0.01	-2.68	-1.88	-3.22	-2.00	-3.10	0.38
		49	13.88	2.88	-3.91	-0.42	-0.62	-3.39	0.61	-1.48	0.56	-1.42	0.32
		53	7.14	3.96	-2.22	2.04	-0.30	-2.86	-0.35	-0.61	-0.39	-0.56	0.10
		4	9.67	4.13	-2.02	2.21	-0.09	-2.85	1.45	0.65	0.65	1.44	0.04
32	4	47	66.16	4.31	-5.23	-1.16	0.23	-4.72	-6.84	-12.12	-7.66	-11.30	1.92
		49	45.41	4.90	-8.33	-1.63	-1.80	-6.62	2.55	-4.98	2.20	-4.62	1.59
		53	25.26	6.51	-5.26	2.03	-0.78	-5.71	-0.19	-2.79	-1.38	-1.60	1.29
		4	32.49	6.43	-6.31	0.86	-0.74	-6.32	5.22	2.13	2.28	5.06	0.67
33	1	51	11.44	1.40	-8.15	-6.39	-0.36	-3.71	0.18	-0.42	-0.06	-0.18	0.29
		14	19.66	1.96	-5.94	-3.81	-0.17	-3.51	3.13	0.78	0.79	3.13	-0.15
		56	36.42	4.27	-6.33	-0.96	-1.11	-5.30	-4.48	-6.46	-4.49	-6.46	0.06
		49	16.21	4.37	-4.59	-0.62	0.39	-4.45	1.43	-1.26	1.41	-1.24	-0.20
33	2	51	45.26	4.90	-19.74	-13.45	-1.39	-10.74	0.42	-5.31	0.42	-5.31	0.09
		14	53.20	8.20	-12.17	-3.60	-0.37	-10.06	8.55	0.89	0.94	8.49	0.65
		56	166.03	10.10	-21.75	-6.43	-5.22	-15.91	-16.88	-31.24	-17.18	-30.94	2.03
		49	104.33	12.31	-15.37	-4.91	1.84	-13.42	5.53	-12.32	5.51	-12.31	0.55
33	3	51	7.76	0.98	-5.14	-3.95	-0.21	-2.42	0.04	-0.48	0.02	-0.46	0.10
		14	11.18	1.52	-3.67	-2.08	-0.07	-2.39	1.74	0.36	0.36	1.74	-0.01
		56	24.81	2.73	-4.38	-0.94	-0.72	-3.55	-2.80	-4.54	-2.82	-4.52	0.17
		49	13.55	2.88	-3.28	-0.72	0.32	-3.04	0.89	-1.35	0.89	-1.35	-0.02
33	4	51	17.99	2.01	-8.56	-6.04	-0.51	-4.51	0.16	-1.98	0.16	-1.98	0.04
		14	20.77	3.36	-5.51	-2.02	-0.13	-4.33	3.35	0.39	0.40	3.33	0.22
		56	63.23	4.46	-8.95	-2.56	-1.94	-6.70	-6.47	-11.88	-6.58	-11.77	0.76
		49	39.82	5.23	-6.48	-1.99	0.75	-5.69	2.11	-4.63	2.11	-4.62	0.20
34	1	49	20.28	3.75	-4.85	0.01	-1.11	-4.26	1.40	-1.56	1.28	-1.44	-0.59
		56	32.95	5.60	-5.13	0.02	0.44	-5.36	-3.64	-5.60	-3.99	-5.25	-0.75
		3	14.04	4.94	-2.92	2.25	-0.23	-3.73	2.21	0.62	0.65	2.18	-0.20
		53	16.60	6.61	-3.08	4.04	-0.51	-4.28	0.26	-1.34	-0.38	-0.69	-0.79
34	2	49	91.59	8.87	-17.19	-4.09	-4.23	-13.03	3.37	-12.57	3.37	-12.57	5.78e-03
		56	118.51	16.91	-15.12	-0.29	2.09	-15.97	-12.35	-21.93	-12.47	-21.81	-1.06
		3	67.22	13.67	-14.39	0.62	-1.34	-13.99	10.20	2.88	3.24	9.84	1.58
		53	51.92	16.59	-15.05	3.60	-2.06	-15.56	0.04	-4.79	-1.27	-3.48	2.15
34	3	49	13.63	2.40	-3.44	-0.37	-0.68	-2.92	0.70	-1.46	0.69	-1.44	-0.20
		56	20.38	3.73	-3.50	-0.07	0.31	-3.61	-2.20	-3.51	-2.30	-3.42	-0.34
		3	9.85	3.36	-2.38	1.11	-0.13	-2.80	1.46	0.44	0.44	1.46	0.06
		53	7.58	4.21	-2.51	2.02	-0.32	-3.15	-0.19	-0.55	-0.22	-0.52	-0.11
34	4	49	34.96	3.92	-7.11	-1.58	-1.60	-5.51	1.30	-4.73	1.30	-4.73	-0.02
		56	45.75	7.09	-6.45	-0.17	0.80	-6.75	-4.76	-8.38	-4.81	-8.33	-0.43
		3	25.98	5.95	-5.78	0.63	-0.46	-5.84	3.85	1.08	1.21	3.72	0.58
		53	20.22	7.18	-6.07	1.89	-0.78	-6.49	-0.04	-1.79	-0.48	-1.34	0.76
35	1	77	19.79	0.60	-17.86	-16.88	-0.38	-4.14	0.23	-0.14	-0.12	0.21	-0.09
		78	19.33	0.62	-17.33	-16.36	-0.35	-4.06	0.36	-0.13	-0.01	0.24	-0.21
		81	13.86	1.25	-10.75	-9.04	-0.46	-4.19	0.39	-0.16	-0.11	0.34	-0.16
		22	12.81	1.24	-10.58	-8.80	-0.54	-4.23	-0.06	-0.40	-0.40	-0.07	0.04
35	2	77	98.05	5.75	-90.15	-80.35	-4.05	-29.05	-0.72	-3.26	-1.75	-2.22	1.25
		78	95.71	5.63	-85.57	-75.64	-4.30	-28.41	-1.34	-3.98	-1.54	-3.78	0.70



		81	79.21	12.11	-57.71	-40.72	-4.88	-29.96	-3.67	-8.47	-3.69	-8.46	0.25
		22	81.26	12.87	-56.46	-39.17	-4.42	-30.00	-3.72	-8.59	-3.79	-8.52	0.60
35	3	77	15.68	0.75	-14.96	-13.79	-0.42	-4.12	-0.06	-0.21	-0.17	-0.11	0.07
		78	14.94	0.76	-14.37	-13.18	-0.43	-4.07	-0.12	-0.22	-0.12	-0.22	-0.01
		81	11.04	1.55	-9.30	-7.23	-0.52	-4.26	-0.31	-0.54	-0.31	-0.54	-0.03
		22	10.59	1.58	-9.09	-7.00	-0.51	-4.23	-0.39	-0.67	-0.40	-0.66	0.06
35	4	77	39.32	2.29	-36.39	-32.59	-1.51	-11.50	-0.27	-1.21	-0.65	-0.83	0.46
		78	38.41	2.26	-34.61	-30.74	-1.60	-11.29	-0.50	-1.48	-0.57	-1.41	0.26
		81	31.14	4.78	-23.23	-16.62	-1.83	-11.89	-1.36	-3.15	-1.37	-3.15	0.09
		22	31.81	5.04	-22.69	-15.99	-1.66	-11.87	-1.38	-3.19	-1.41	-3.17	0.22
36	1	79	25.28	0.24	-24.30	-24.10	0.04	-2.22	0.43	-0.03	0.09	0.31	-0.20
		15	24.24	0.34	-23.31	-23.05	0.09	-2.43	0.46	-0.14	0.11	0.22	-0.30
		82	19.25	0.52	-16.90	-16.42	0.03	-2.87	0.64	-0.09	0.10	0.45	-0.32
		78	19.28	0.50	-17.32	-16.85	0.02	-2.87	0.39	-0.13	-0.02	0.28	-0.21
36	2	79	119.45	1.84	-117.08	-114.30	-0.93	-17.95	2.25	0.25	0.66	1.85	0.81
		15	110.04	2.20	-107.61	-104.56	-0.85	-18.04	1.73	0.40	0.48	1.64	0.32
		82	87.92	5.17	-81.36	-74.80	-1.38	-22.89	-1.96	-4.39	-1.96	-4.39	-0.02
		78	95.70	5.51	-85.68	-79.24	-0.93	-23.37	-1.25	-3.85	-1.49	-3.61	0.74
36	3	79	20.30	0.27	-19.91	-19.62	-0.02	-2.39	0.23	0.08	0.08	0.23	1.43e-03
		15	19.24	0.36	-18.72	-18.38	0.02	-2.54	0.22	0.04	0.07	0.19	-0.06
		82	14.75	0.66	-13.85	-13.15	-0.05	-3.11	-0.05	-0.26	-0.12	-0.20	-0.10
		78	14.90	0.66	-14.37	-13.68	-0.02	-3.13	-0.12	-0.19	-0.12	-0.19	-7.35e-03
36	4	79	48.27	0.75	-47.40	-46.35	-0.31	-7.05	0.84	0.10	0.25	0.69	0.30
		15	44.67	0.92	-43.71	-42.53	-0.26	-7.17	0.64	0.15	0.18	0.61	0.12
		82	35.41	2.05	-32.96	-30.45	-0.47	-9.05	-0.73	-1.63	-0.73	-1.63	-6.50e-03
		78	38.35	2.16	-34.64	-32.17	-0.30	-9.20	-0.46	-1.43	-0.55	-1.34	0.28
37	1	78	19.39	0.58	-17.30	-16.36	-0.36	-3.98	0.42	-0.11	7.96e-03	0.31	-0.22
		82	19.35	0.58	-16.88	-15.93	-0.36	-3.95	0.63	-0.12	0.12	0.38	-0.35
		23	13.56	1.16	-10.84	-9.25	-0.43	-4.07	0.76	0.17	0.22	0.72	-0.15
		81	13.40	1.12	-10.63	-9.04	-0.47	-4.02	0.27	-0.20	-0.13	0.19	-0.17
37	2	78	96.13	5.58	-85.85	-75.84	-4.43	-28.55	-1.42	-4.13	-1.63	-3.92	0.73
		82	88.36	5.24	-81.18	-71.25	-4.69	-27.56	-1.83	-4.04	-1.94	-3.93	0.47
		23	93.37	10.50	-58.08	-41.81	-5.77	-29.17	-4.62	-11.97	-4.67	-11.92	-0.64
		81	76.29	11.77	-57.03	-40.51	-4.75	-29.39	-3.43	-8.03	-3.43	-8.03	0.07
37	3	78	14.94	0.72	-14.36	-13.20	-0.45	-4.03	-0.12	-0.21	-0.12	-0.21	-9.43e-03
		82	14.69	0.70	-13.82	-12.64	-0.47	-3.96	-0.07	-0.22	-0.11	-0.18	-0.07
		23	11.39	1.37	-9.38	-7.42	-0.58	-4.15	-0.27	-0.71	-0.29	-0.69	-0.10
		81	10.89	1.43	-9.16	-7.21	-0.52	-4.11	-0.29	-0.56	-0.30	-0.55	-0.04
37	4	78	38.52	2.22	-34.69	-30.82	-1.65	-11.30	-0.53	-1.54	-0.60	-1.46	0.27
		82	35.58	2.10	-32.89	-29.03	-1.75	-10.96	-0.68	-1.50	-0.72	-1.46	0.18
		23	36.07	4.16	-23.39	-17.07	-2.16	-11.58	-1.72	-4.45	-1.74	-4.43	-0.24
		81	29.99	4.61	-22.93	-16.54	-1.78	-11.62	-1.28	-2.99	-1.28	-2.99	0.03
38	1	84	14.61	5.37	-2.76	3.23	-0.62	-3.58	-1.23	-1.87	-1.55	-1.55	0.32
		55	12.31	5.65	-3.54	2.70	-0.59	-4.29	0.77	-0.20	0.44	0.14	0.46
		85	18.41	11.56	-1.81	10.33	-0.59	-3.86	0.68	-0.77	-0.16	0.07	0.71
		10	14.68	11.53	-1.01	10.42	0.10	-3.56	0.97	0.24	0.36	0.85	0.28
38	2	84	102.73	36.45	-15.22	24.64	-3.41	-21.70	-8.73	-16.84	-8.75	-16.82	-0.47
		55	99.33	33.92	-25.29	14.38	-5.74	-27.84	0.14	-12.03	0.14	-12.03	-0.05
		85	77.20	58.90	-9.42	52.68	-3.21	-19.65	1.54	-3.21	-1.05	-0.63	-2.36
		10	87.62	63.48	-2.83	59.43	1.22	-15.89	9.70	3.30	3.97	9.04	-1.96
38	3	84	11.74	5.26	-2.38	3.32	-0.44	-3.32	-1.09	-1.72	-1.10	-1.72	0.05
		55	9.72	5.20	-3.52	2.28	-0.60	-4.11	0.15	-0.88	0.13	-0.87	0.13
		85	11.14	9.60	-1.48	8.59	-0.46	-3.19	-0.04	-0.15	-0.14	-0.05	0.02
		10	11.68	10.13	-0.55	9.32	0.26	-2.82	0.94	0.41	0.42	0.93	-0.07
38	4	84	38.77	14.46	-6.07	9.66	-1.27	-8.69	-3.22	-6.25	-3.23	-6.24	-0.18
		55	37.77	13.58	-9.96	5.74	-2.13	-11.09	0.05	-4.47	0.05	-4.47	-0.02
		85	30.53	23.63	-3.73	21.14	-1.24	-7.87	0.56	-1.22	-0.41	-0.26	-0.89
		10	34.31	25.52	-1.09	23.84	0.59	-6.48	3.61	1.24	1.49	3.36	-0.73
39	1	81	13.25	1.24	-10.65	-8.73	-0.68	-4.38	0.44	-0.04	0.08	0.32	-0.21
		23	14.32	1.21	-10.73	-8.93	-0.59	-4.27	0.58	-0.11	-0.02	0.49	-0.23
		86	14.65	5.37	-3.77	2.54	-0.94	-4.22	1.59	0.48	0.73	1.34	0.46
		55	11.13	5.40	-3.32	2.64	-0.57	-4.05	0.12	-0.52	-0.31	-0.09	0.30
39	2	81	108.72	12.16	-59.33	-39.21	-7.96	-32.15	-5.37	-14.75	-5.62	-14.49	1.53
		23	73.67	10.55	-55.69	-38.59	-6.55	-28.99	-2.06	-5.34	-2.48	-4.92	1.10
		86	186.94	31.19	-35.17	10.08	-14.05	-30.91	-18.83	-31.81	-18.85	-31.79	-0.53
		55	110.26	33.83	-21.38	14.60	-2.15	-26.31	3.56	-11.60	3.47	-11.51	-1.15
39	3	81	11.84	1.54	-9.34	-6.96	-0.83	-4.49	-0.40	-1.00	-0.40	-1.00	0.05
		23	10.28	1.42	-9.13	-7.01	-0.70	-4.23	-0.19	-0.23	-0.19	-0.23	0.01
		86	13.41	4.77	-4.39	1.79	-1.41	-4.29	-1.20	-2.02	-1.22	-2.01	0.09
		55	10.34	5.02	-3.13	2.25	-0.36	-3.86	0.17	-0.90	0.17	-0.90	2.15e-03
39	4	81	41.88	4.79	-23.78	-16.00	-2.99	-12.72	-2.00	-5.48	-2.09	-5.39	0.57
		23	29.20	4.20	-22.47	-15.80	-2.47	-11.55	-0.77	-1.98	-0.92	-1.83	0.41
		86	70.02	12.42	-13.70	4.02	-5.29	-12.20	-7.01	-11.84	-7.02	-11.83	-0.20
		55	41.88	13.45	-8.48	5.79	-0.82	-10.45	1.32	-4.32	1.29	-4.28	-0.43
40	1	55	12.55	5.36	-3.07	2.64	-0.35	-3.94	0.38	-0.60	-0.31	0.09	0.45
		86	14.61	5.63	-3.88	2.71	-0.96	-4.39	1.39	0.25	0.76	0.89	0.57
		9	16.34	11.61	-1.51	9.91	0.18	-4.40	0.20	-0.69	-0.27	-0.22	0.44



		85	16.13	11.50	-1.73	10.34	-0.57	-3.74	0.88	-0.39	0.30	0.18	0.63
40	2	55	124.23	31.09	-22.78	14.43	-6.12	-24.90	2.87	-13.11	2.14	-12.38	-3.32
		86	155.53	37.24	-30.01	11.45	-4.22	-32.70	-13.62	-24.36	-15.16	-22.81	-3.77
		9	78.87	48.98	-10.77	38.94	-0.72	-22.35	10.54	4.05	4.16	10.43	-0.85
		85	81.78	60.11	-10.15	53.15	-3.18	-21.00	1.79	-4.08	-1.61	-0.69	-2.90
40	3	55	10.85	4.79	-3.08	2.27	-0.56	-3.68	0.08	-0.93	0.07	-0.91	-0.12
		86	12.28	5.36	-4.03	1.93	-0.61	-4.52	-0.91	-1.50	-0.93	-1.47	-0.12
		9	11.20	8.75	-1.36	7.29	0.10	-3.55	0.72	0.21	0.22	0.71	0.07
		85	10.67	9.69	-1.51	8.63	-0.45	-3.28	0.02	-0.06	-0.02	-0.01	-0.04
40	4	55	47.12	12.42	-8.92	5.76	-2.27	-9.89	1.06	-4.88	0.79	-4.61	-1.24
		86	58.72	14.73	-11.79	4.52	-1.58	-12.91	-5.07	-9.07	-5.65	-8.49	-1.41
		9	30.46	19.82	-4.10	15.89	-0.17	-8.86	3.91	1.49	1.53	3.87	-0.31
		85	32.28	24.10	-4.01	21.32	-1.22	-8.40	0.67	-1.53	-0.59	-0.27	-1.09
41	1	88	17.46	-2.96	-18.46	-17.14	-4.27	-4.32	0.05	-0.07	-4.90e-03	-0.01	0.06
		30	19.99	0.96	-18.87	-17.71	-0.19	-4.64	0.09	-0.14	-0.12	0.07	0.06
		32	12.23	1.44	-10.93	-8.72	-0.78	-4.74	1.03e-03	-0.25	-0.15	-0.10	0.12
		24	9.33	-0.55	-9.09	-7.78	-1.86	-3.07	0.07	-0.06	0.02	-9.07e-03	0.06
41	2	88	105.85	-11.10	-94.68	-85.26	-20.52	-26.43	2.42	-2.49	0.15	-0.22	2.45
		30	113.97	6.95	-96.17	-86.69	-2.53	-29.80	1.40	-3.09	-0.50	-1.20	2.22
		32	82.06	14.97	-56.74	-38.61	-3.16	-31.17	-0.87	-4.85	-1.38	-4.34	1.33
		24	54.93	3.78	-45.87	-34.40	-7.69	-20.93	0.86	-0.58	0.41	-0.14	0.67
41	3	88	15.83	-2.19	-15.62	-14.29	-3.52	-4.01	0.20	-0.21	9.58e-03	-0.02	0.20
		30	17.23	1.04	-15.90	-14.65	-0.21	-4.43	0.11	-0.26	-0.07	-0.07	0.19
		32	11.62	1.82	-9.30	-6.90	-0.57	-4.57	-0.08	-0.42	-0.15	-0.36	0.13
		24	8.29	0.07	-7.59	-6.12	-1.40	-3.02	0.08	-0.06	0.04	-0.01	0.07
41	4	88	42.06	-4.60	-38.20	-34.47	-8.34	-10.57	0.90	-0.93	0.05	-0.08	0.91
		30	45.46	2.82	-38.81	-35.08	-0.90	-11.89	0.52	-1.15	-0.18	-0.44	0.82
		32	32.34	5.84	-22.88	-15.76	-1.28	-12.40	-0.32	-1.80	-0.51	-1.61	0.49
		24	21.82	1.37	-18.49	-14.00	-3.12	-8.31	0.32	-0.22	0.15	-0.05	0.25
42	1	31	27.47	-0.11	-27.07	-26.86	-0.33	-2.40	0.12	-0.02	-0.02	0.12	3.71e-03
		16	26.18	0.53	-25.14	-24.92	0.31	-2.35	0.30	0.02	0.04	0.28	-0.07
		77	19.72	0.56	-18.11	-17.57	0.02	-3.13	0.16	-0.13	-0.13	0.16	-0.04
		30	19.11	0.41	-18.40	-17.89	-0.11	-3.07	0.09	-0.15	-0.11	0.05	0.10
42	2	31	147.50	-0.51	-139.20	-137.00	-2.71	-17.33	2.84	-1.19	0.84	0.81	2.02
		16	131.34	2.67	-124.97	-122.61	0.31	-17.19	2.97	-0.31	0.87	1.79	1.57
		77	102.71	5.75	-91.07	-84.73	-0.59	-23.95	-0.50	-3.73	-1.39	-2.83	1.44
		30	111.02	5.07	-93.75	-88.28	-0.40	-22.59	1.49	-3.28	-0.26	-1.53	2.30
42	3	31	23.29	-0.07	-22.91	-22.65	-0.32	-2.41	0.23	-0.08	0.06	0.10	0.15
		16	21.25	0.49	-20.93	-20.65	0.21	-2.43	0.27	0.03	0.08	0.22	0.10
		77	15.65	0.73	-15.16	-14.45	0.01	-3.29	-0.06	-0.25	-0.14	-0.17	0.10
		30	16.65	0.60	-15.50	-14.86	-0.04	-3.14	0.13	-0.28	-0.05	-0.10	0.20
42	4	31	59.15	-0.18	-56.13	-55.28	-1.03	-6.83	1.05	-0.44	0.31	0.30	0.75
		16	52.89	1.13	-50.52	-49.60	0.21	-6.83	1.10	-0.11	0.33	0.66	0.58
		77	41.10	2.28	-36.79	-34.35	-0.17	-9.46	-0.18	-1.38	-0.51	-1.05	0.54
		30	44.19	1.98	-37.83	-35.72	-0.13	-8.92	0.55	-1.22	-0.10	-0.57	0.85
43	1	30	19.34	0.32	-18.73	-17.67	-0.74	-4.37	0.06	-0.13	-0.11	0.04	0.07
		77	19.62	0.77	-17.83	-16.82	-0.24	-4.21	0.20	-0.13	-0.13	0.19	-0.03
		22	13.25	1.42	-10.84	-8.90	-0.52	-4.47	-0.06	-0.38	-0.38	-0.06	3.46e-03
		32	11.65	1.31	-10.50	-8.51	-0.68	-4.42	0.06	-0.27	-0.18	-0.03	0.14
43	2	30	112.33	4.48	-95.81	-86.54	-4.79	-29.04	1.04	-3.34	-0.58	-1.72	2.12
		77	102.98	6.40	-89.66	-79.94	-3.32	-28.97	0.06	-3.65	-1.47	-2.12	1.83
		22	81.55	13.54	-57.70	-39.62	-4.54	-31.00	-4.64	-8.37	-4.64	-8.37	0.08
		32	78.91	14.44	-55.02	-37.45	-3.13	-30.19	-0.53	-4.09	-1.42	-3.21	1.54
43	3	30	16.90	0.52	-15.80	-14.62	-0.66	-4.22	0.08	-0.28	-0.07	-0.12	0.18
		77	15.58	0.90	-14.92	-13.73	-0.30	-4.17	5.02e-03	-0.26	-0.15	-0.10	0.13
		22	11.46	1.74	-9.32	-7.08	-0.51	-4.45	-0.46	-0.65	-0.46	-0.65	6.14e-03
		32	11.10	1.72	-8.93	-6.71	-0.50	-4.32	-0.04	-0.37	-0.16	-0.25	0.16
43	4	30	44.74	1.76	-38.64	-35.03	-1.86	-11.53	0.39	-1.24	-0.21	-0.64	0.79
		77	41.17	2.58	-36.22	-32.43	-1.21	-11.51	0.02	-1.36	-0.54	-0.79	0.68
		22	31.93	5.34	-23.22	-16.18	-1.70	-12.31	-1.72	-3.11	-1.72	-3.11	0.03
		32	31.05	5.62	-22.13	-15.29	-1.22	-11.96	-0.20	-1.52	-0.53	-1.19	0.57
44	1	33	7.12	5.71	-1.53	3.30	0.88	-3.41	0.06	-0.05	3.41e-03	0.01	-0.05
		34	10.31	7.55	-3.30	4.74	-0.50	-4.75	-0.09	-0.25	-0.11	-0.23	-0.06
		35	13.99	11.88	-2.52	11.30	-1.93	-2.85	0.04	-0.17	-0.02	-0.12	-0.09
		1	16.41	16.06	1.06	14.43	2.69	-4.67	0.12	-0.19	-0.02	-0.05	-0.15
44	2	33	76.80	42.81	-7.17	27.40	8.25	-23.08	3.53	-2.58	0.62	0.33	-3.05
		34	103.30	52.54	-18.86	35.68	-2.00	-30.32	0.55	-7.45	-1.76	-5.14	-3.63
		35	117.23	75.05	-14.78	72.61	-12.34	-14.62	4.79	-4.97	1.05	-1.24	-4.74
		1	128.30	108.50	7.45	98.03	17.92	-30.79	3.06	-5.83	-1.86	-0.91	-4.41
44	3	33	9.00	5.90	-1.21	3.65	1.04	-3.30	0.28	-0.21	0.04	0.03	-0.25
		34	12.39	7.50	-2.87	4.91	-0.29	-4.49	0.02	-0.64	-0.16	-0.45	-0.29
		35	14.97	11.17	-2.17	10.73	-1.74	-2.36	0.37	-0.43	0.07	-0.13	-0.39
		1	17.03	15.67	1.07	14.14	2.60	-4.47	0.27	-0.49	-0.14	-0.08	-0.38
44	4	33	29.65	16.89	-2.88	10.79	3.22	-9.13	1.31	-0.96	0.23	0.12	-1.14
		34	39.94	20.83	-7.48	14.08	-0.73	-12.06	0.21	-2.77	-0.65	-1.91	-1.35
		35	45.60	29.89	-5.81	28.90	-4.82	-5.85	1.78	-1.86	0.38	-0.46	-1.77
		1	50.21	43.06	2.96	38.91	7.11	-12.21	1.14	-2.16	-0.68	-0.33	-1.64



45	1	32	12.54	1.40	-10.69	-8.31	-0.98	-4.80	-0.10	-0.52	-0.32	-0.30	0.21
		22	13.23	1.55	-10.55	-8.36	-0.64	-4.66	0.32	-0.33	-0.32	0.32	0.06
		84	13.79	5.91	-4.24	3.09	-1.42	-4.55	-0.97	-1.49	-1.19	-1.28	0.26
		34	9.80	6.44	-2.91	3.88	-0.35	-4.17	0.28	-0.15	0.28	-0.15	-0.03
45	2	32	92.14	14.61	-57.32	-36.76	-5.96	-32.50	-2.84	-8.51	-3.94	-7.41	2.24
		22	75.36	14.15	-55.63	-35.94	-5.54	-31.41	-1.36	-4.26	-2.47	-3.15	1.41
		84	157.40	39.37	-30.04	21.49	-12.17	-30.35	-16.06	-25.22	-16.53	-24.75	-2.01
		34	103.72	45.97	-15.59	29.91	0.47	-27.03	5.71	-4.11	4.78	-3.18	-2.88
45	3	32	12.22	1.79	-9.17	-6.56	-0.82	-4.67	-0.26	-0.78	-0.39	-0.65	0.23
		22	10.49	1.86	-9.04	-6.56	-0.62	-4.57	-0.07	-0.35	-0.28	-0.15	0.12
		84	15.38	5.70	-4.09	3.02	-1.41	-4.36	-1.59	-2.25	-1.60	-2.24	-0.08
		34	12.03	6.46	-2.47	4.08	-0.08	-3.95	0.51	-0.35	0.44	-0.29	-0.22
45	4	32	35.85	5.71	-23.00	-14.99	-2.30	-12.87	-1.06	-3.16	-1.46	-2.75	0.83
		22	29.83	5.61	-22.41	-14.72	-2.08	-12.50	-0.50	-1.58	-0.91	-1.17	0.52
		84	59.17	15.61	-11.73	8.47	-4.60	-12.01	-5.97	-9.37	-6.14	-9.20	-0.75
		34	39.86	18.17	-6.22	11.79	0.16	-10.72	2.12	-1.53	1.78	-1.18	-1.07
46	1	34	10.05	5.98	-3.05	3.77	-0.84	-3.88	0.29	-0.14	0.26	-0.10	-0.12
		84	12.36	6.57	-3.71	3.34	-0.48	-4.77	-1.09	-1.35	-1.09	-1.35	0.02
		10	14.51	11.59	-1.36	10.32	-0.09	-3.85	0.75	0.14	0.16	0.73	0.11
		35	14.91	12.87	-1.26	11.95	-0.34	-3.48	0.12	-0.29	-0.01	-0.16	-0.19
46	2	34	115.68	41.84	-18.13	28.85	-5.14	-24.70	6.08	-6.15	4.23	-4.29	-4.39
		84	152.86	44.81	-24.72	22.83	-2.73	-32.33	-12.11	-23.37	-15.22	-20.26	-5.04
		10	90.43	62.74	-6.89	57.15	-1.30	-18.93	9.97	2.46	3.41	9.02	-2.51
		35	124.48	82.98	-6.47	78.18	-1.67	-20.15	3.84	-8.61	-2.23	-2.54	-6.22
46	3	34	12.93	5.95	-2.66	3.96	-0.67	-3.63	0.54	-0.50	0.40	-0.36	-0.36
		84	15.76	6.40	-3.51	3.21	-0.32	-4.63	-1.27	-2.14	-1.48	-1.93	-0.38
		10	11.67	10.03	-0.99	9.09	-0.05	-3.09	0.92	0.25	0.29	0.88	-0.16
		35	15.80	12.23	-1.00	11.45	-0.22	-3.12	0.33	-0.73	-0.16	-0.24	-0.53
46	4	34	44.23	16.58	-7.13	11.39	-1.95	-9.80	2.26	-2.29	1.57	-1.60	-1.63
		84	57.78	17.73	-9.73	8.99	-0.99	-12.79	-4.50	-8.69	-5.66	-7.54	-1.87
		10	35.11	25.19	-2.63	22.96	-0.40	-7.55	3.69	0.90	1.25	3.34	-0.93
		35	48.34	33.01	-2.55	31.08	-0.61	-8.06	1.44	-3.20	-0.81	-0.94	-2.32
47	1	82	19.11	0.55	-16.81	-15.91	-0.35	-3.85	0.66	-0.07	0.16	0.43	-0.34
		36	18.97	0.58	-16.45	-15.53	-0.34	-3.86	0.82	-0.03	0.27	0.52	-0.41
		39	16.02	1.13	-10.90	-9.43	-0.34	-3.95	1.33	0.25	0.42	1.16	-0.39
		23	14.25	1.00	-10.73	-9.25	-0.48	-3.90	0.77	5.73e-03	0.05	0.72	-0.17
47	2	82	88.10	5.18	-81.17	-71.28	-4.70	-27.49	-2.04	-3.96	-2.04	-3.95	-0.09
		36	85.65	5.03	-76.56	-67.02	-4.51	-26.22	-1.66	-5.17	-1.67	-5.16	-0.20
		39	80.81	9.94	-57.19	-42.22	-5.04	-27.95	-3.37	-9.54	-3.38	-9.54	-0.16
		23	90.20	9.76	-57.23	-41.76	-5.71	-28.23	-4.34	-11.94	-4.34	-11.94	0.11
47	3	82	14.84	0.67	-13.77	-12.64	-0.47	-3.89	-0.03	-0.25	-0.11	-0.17	-0.11
		36	14.09	0.68	-13.26	-12.12	-0.46	-3.82	0.02	-0.31	-0.05	-0.24	-0.14
		39	11.08	1.31	-9.35	-7.54	-0.50	-4.00	-0.08	-0.44	-0.13	-0.38	-0.13
		23	10.88	1.22	-9.23	-7.41	-0.60	-3.96	-0.31	-0.69	-0.31	-0.69	-0.04
47	4	82	35.41	2.06	-32.86	-29.04	-1.76	-10.90	-0.76	-1.47	-0.76	-1.47	-0.03
		36	34.47	2.02	-31.09	-27.38	-1.69	-10.44	-0.62	-1.92	-0.62	-1.92	-0.07
		39	31.71	3.94	-23.09	-17.26	-1.89	-11.12	-1.26	-3.55	-1.26	-3.55	-0.06
		23	35.02	3.83	-23.03	-17.04	-2.15	-11.17	-1.61	-4.44	-1.61	-4.44	0.04
48	1	37	22.87	0.25	-22.21	-21.99	0.03	-2.17	0.41	-0.27	0.08	0.05	-0.34
		17	21.82	0.36	-21.22	-20.95	0.08	-2.43	0.27	-0.42	0.04	-0.19	-0.33
		40	18.14	0.57	-16.02	-15.54	0.09	-2.79	0.97	0.14	0.39	0.73	-0.38
		36	19.08	0.48	-16.41	-15.96	0.03	-2.71	0.88	-0.07	0.22	0.58	-0.44
48	2	37	102.48	2.19	-98.02	-94.94	-0.89	-17.32	1.07	0.02	0.06	1.03	-0.20
		17	93.64	2.46	-88.77	-85.50	-0.82	-16.97	0.86	-0.21	-0.04	0.69	-0.39
		40	80.54	4.86	-71.61	-65.38	-1.37	-20.91	-2.04	-5.29	-2.17	-5.16	-0.63
		36	84.93	5.01	-76.56	-70.26	-1.30	-21.78	-1.65	-4.79	-1.67	-4.76	-0.29
48	3	37	18.00	0.29	-17.43	-17.12	-0.02	-2.32	0.18	-0.06	0.03	0.09	-0.12
		17	16.80	0.39	-16.27	-15.90	0.02	-2.46	0.13	-0.12	9.69e-03	-1.79e-03	-0.13
		40	13.57	0.64	-12.67	-12.00	-0.03	-2.92	0.06	-0.29	-0.05	-0.18	-0.16
		36	14.08	0.60	-13.23	-12.57	-0.05	-2.94	0.04	-0.29	-0.06	-0.19	-0.15
48	4	37	41.59	0.88	-39.91	-38.74	-0.30	-6.81	0.40	8.01e-03	0.02	0.38	-0.08
		17	38.15	1.02	-36.30	-35.03	-0.25	-6.77	0.32	-0.08	-0.01	0.26	-0.15
		40	32.35	1.93	-29.16	-26.77	-0.46	-8.29	-0.76	-1.97	-0.81	-1.92	-0.24
		36	34.17	1.96	-31.07	-28.66	-0.45	-8.59	-0.61	-1.78	-0.62	-1.77	-0.11
49	1	36	19.11	0.56	-16.37	-15.49	-0.32	-3.75	0.89	7.19e-03	0.27	0.62	-0.41
		40	18.24	0.61	-16.02	-15.08	-0.32	-3.82	0.97	0.06	0.44	0.59	-0.45
		25	15.96	1.16	-11.07	-9.63	-0.28	-3.93	1.89	0.89	0.92	1.86	-0.18
		39	14.90	0.99	-10.85	-9.48	-0.39	-3.79	1.09	0.17	0.38	0.88	-0.38
49	2	36	85.62	5.14	-76.62	-67.03	-4.45	-26.31	-1.62	-5.11	-1.63	-5.10	-0.21
		40	78.60	4.84	-71.49	-62.18	-4.46	-24.97	-2.12	-4.93	-2.12	-4.93	-0.10
		25	93.64	8.77	-56.40	-42.23	-5.40	-26.88	-4.15	-12.65	-4.25	-12.56	-0.90
		39	80.35	9.37	-56.59	-42.17	-5.06	-27.26	-3.33	-9.37	-3.36	-9.35	-0.40
49	3	36	14.07	0.66	-13.21	-12.10	-0.44	-3.76	0.04	-0.28	-0.04	-0.20	-0.14
		40	13.51	0.67	-12.65	-11.53	-0.45	-3.70	0.05	-0.28	-0.03	-0.20	-0.14
		25	10.63	1.21	-9.36	-7.63	-0.51	-3.91	-0.01	-0.44	-0.05	-0.40	-0.12
		39	10.98	1.17	-9.24	-7.55	-0.52	-3.84	-0.08	-0.51	-0.14	-0.45	-0.15
49	4	36	34.42	2.04	-31.08	-27.37	-1.67	-10.44	-0.60	-1.90	-0.61	-1.90	-0.08



		40	31.66	1.94	-29.11	-25.49	-1.68	-9.96	-0.79	-1.84	-0.79	-1.83	-0.04
		25	36.10	3.49	-22.81	-17.29	-2.03	-10.71	-1.55	-4.71	-1.58	-4.67	-0.34
		39	31.28	3.67	-22.81	-17.23	-1.91	-10.80	-1.24	-3.49	-1.25	-3.48	-0.15
50	1	86	12.66	4.67	-3.23	2.39	-0.96	-3.58	0.38	-0.76	-0.60	0.22	0.39
		42	14.74	5.28	-3.28	2.21	-0.21	-4.11	1.73	0.39	0.54	1.58	0.42
		67	21.07	11.53	-1.83	10.15	-0.45	-4.07	1.09	-0.94	-0.10	0.24	1.00
		9	15.50	11.09	-1.28	9.78	0.04	-3.81	0.56	-0.53	0.04	-0.01	0.55
50	2	86	119.61	26.47	-17.69	12.72	-3.94	-20.45	-11.30	-21.29	-11.55	-21.04	1.54
		42	102.09	27.03	-29.20	3.89	-6.06	-27.68	1.15	-14.25	1.03	-14.13	1.35
		67	55.70	46.93	-11.62	37.92	-2.61	-21.13	-0.80	-2.59	-2.09	-1.31	-0.81
		9	77.97	46.99	-6.62	40.32	0.05	-17.69	10.69	5.04	5.15	10.59	-0.77
50	3	86	11.54	4.15	-2.78	1.95	-0.58	-3.22	-0.94	-1.61	-1.03	-1.52	0.23
		42	9.87	4.44	-3.80	1.15	-0.52	-4.04	0.29	-0.66	0.23	-0.60	0.22
		67	11.79	8.47	-1.67	7.17	-0.37	-3.39	0.11	-0.37	-0.21	-0.05	0.23
		9	10.40	8.49	-0.98	7.38	0.13	-3.05	0.82	0.39	0.42	0.79	0.10
50	4	86	44.95	10.61	-7.07	5.01	-1.47	-8.22	-4.19	-7.91	-4.28	-7.82	0.57
		42	38.51	10.89	-11.49	1.65	-2.25	-11.02	0.42	-5.30	0.38	-5.26	0.50
		67	22.36	18.97	-4.58	15.40	-1.01	-8.45	-0.31	-1.00	-0.80	-0.51	-0.31
		9	30.34	19.13	-2.57	16.43	0.13	-7.17	3.98	1.89	1.93	3.93	-0.29
51	1	39	18.81	1.10	-10.71	-9.09	-0.51	-4.06	2.22	0.62	0.94	1.90	-0.64
		25	15.23	1.20	-11.13	-9.44	-0.49	-4.24	0.99	5.66e-04	0.41	0.58	-0.49
		68	31.01	5.13	-3.16	2.35	-0.38	-3.91	5.66	3.56	3.58	5.63	0.22
		42	17.05	5.08	-3.54	2.18	-0.63	-4.07	1.32	-0.87	-0.81	1.26	0.36
51	2	39	116.00	9.78	-58.85	-41.01	-8.06	-30.10	-5.08	-16.66	-5.21	-16.53	1.19
		25	72.15	8.77	-54.07	-39.22	-6.08	-26.70	-1.95	-5.55	-2.29	-5.21	1.06
		68	193.73	25.65	-37.62	1.92	-13.90	-30.63	-18.76	-33.61	-18.76	-33.61	0.13
		42	110.01	27.31	-25.08	4.47	-2.23	-25.98	3.59	-13.55	3.59	-13.55	-0.26
51	3	39	10.87	1.27	-9.36	-7.29	-0.80	-4.21	-0.10	-0.71	-0.12	-0.69	-0.10
		25	10.23	1.25	-9.17	-7.28	-0.64	-4.02	-0.03	-0.25	-0.05	-0.23	-0.07
		68	8.88	4.18	-4.46	0.96	-1.23	-4.18	-0.36	-0.90	-0.37	-0.89	0.07
		42	8.17	4.30	-3.52	1.16	-0.39	-3.83	0.04	-0.67	0.03	-0.66	0.08
51	4	39	44.55	3.87	-23.65	-16.75	-3.04	-11.93	-1.89	-6.20	-1.94	-6.15	0.44
		25	28.64	3.51	-21.91	-16.11	-2.30	-10.67	-0.72	-2.07	-0.85	-1.94	0.39
		68	72.52	10.27	-14.67	0.83	-5.24	-12.10	-6.99	-12.51	-6.99	-12.51	0.04
		42	41.59	10.90	-9.92	1.84	-0.86	-10.33	1.33	-5.05	1.33	-5.05	-0.10
52	1	42	20.11	5.28	-2.94	2.11	0.24	-4.00	1.78	-0.92	-0.64	1.49	0.83
		68	28.59	4.91	-4.26	2.36	-1.71	-4.11	4.70	2.65	3.08	4.27	0.84
		8	18.64	11.79	-1.67	9.91	0.21	-4.67	-0.72	-1.95	-0.90	-1.77	0.44
		67	18.68	11.30	-1.58	10.15	-0.44	-3.67	1.50	-0.48	0.59	0.43	0.99
52	2	42	121.55	24.21	-26.23	4.00	-6.01	-24.72	2.04	-14.80	1.67	-14.42	-2.49
		68	152.21	32.39	-32.87	3.66	-4.14	-32.40	-12.97	-23.99	-13.98	-22.97	-3.19
		8	76.25	40.22	-15.40	26.05	-1.23	-24.23	10.46	4.20	4.21	10.45	-0.11
		67	62.39	48.27	-12.75	38.13	-2.62	-22.71	-0.07	-2.57	-1.55	-1.09	-1.23
52	3	42	7.59	4.13	-3.38	1.13	-0.38	-3.68	-0.06	-0.66	-0.07	-0.66	0.05
		68	8.53	4.64	-4.39	1.08	-0.83	-4.41	-0.16	-0.49	-0.16	-0.49	1.63e-03
		8	10.41	7.93	-1.78	6.10	0.05	-3.79	0.31	-0.03	0.03	0.25	0.13
		67	10.62	8.50	-1.68	7.19	-0.36	-3.41	0.24	-0.15	0.07	0.03	0.19
52	4	42	45.97	9.74	-10.28	1.69	-2.23	-9.82	0.76	-5.51	0.62	-5.37	-0.93
		68	57.47	12.84	-12.92	1.47	-1.55	-12.79	-4.83	-8.94	-5.21	-8.56	-1.19
		8	29.38	16.37	-5.86	10.88	-0.37	-9.59	3.88	1.54	1.54	3.88	-0.04
		67	24.93	19.48	-5.01	15.48	-1.01	-9.06	-0.03	-0.96	-0.57	-0.42	-0.46
53	1	40	17.51	0.58	-15.94	-15.05	-0.30	-3.72	0.90	0.20	0.45	0.64	-0.33
		69	17.65	0.65	-15.56	-14.59	-0.32	-3.84	0.93	0.22	0.42	0.73	-0.32
		71	16.85	1.14	-11.19	-9.77	-0.28	-3.93	1.79	0.63	0.76	1.66	-0.36
		25	17.38	1.02	-11.00	-9.64	-0.34	-3.80	1.96	0.65	0.74	1.88	-0.32
53	2	40	81.74	4.78	-71.38	-62.17	-4.43	-24.83	-1.95	-5.06	-2.10	-4.92	-0.65
		69	75.68	4.82	-66.27	-57.42	-4.03	-23.47	-1.69	-5.49	-1.73	-5.45	-0.39
		71	76.84	8.54	-54.16	-41.15	-4.47	-25.42	-3.01	-9.05	-3.02	-9.04	-0.22
		25	92.02	7.94	-55.53	-42.17	-5.43	-25.88	-4.12	-12.62	-4.12	-12.62	-0.01
53	3	40	13.48	0.64	-12.59	-11.52	-0.44	-3.61	0.07	-0.27	-0.02	-0.18	-0.15
		69	12.71	0.68	-12.03	-10.94	-0.42	-3.57	0.06	-0.26	-6.69e-03	-0.20	-0.13
		71	10.50	1.19	-9.23	-7.61	-0.44	-3.78	0.06	-0.26	-4.55e-03	-0.20	-0.13
		25	10.36	1.06	-9.22	-7.63	-0.54	-3.72	-0.07	-0.43	-0.09	-0.40	-0.10
53	4	40	32.77	1.90	-29.04	-25.48	-1.66	-9.87	-0.73	-1.88	-0.78	-1.83	-0.24
		69	30.54	1.93	-27.07	-23.63	-1.52	-9.39	-0.63	-2.04	-0.64	-2.03	-0.15
		71	30.24	3.39	-21.98	-16.91	-1.68	-10.15	-1.12	-3.37	-1.12	-3.37	-0.08
		25	35.67	3.12	-22.43	-17.26	-2.05	-10.27	-1.53	-4.70	-1.53	-4.70	-6.80e-03
54	1	70	21.04	0.27	-20.06	-19.81	0.02	-2.25	0.15	-0.43	0.03	-0.31	-0.23
		18	20.44	0.42	-18.99	-18.63	0.06	-2.61	-0.04	-0.57	-0.06	-0.55	-0.10
		21	16.21	0.67	-15.07	-14.51	0.11	-2.93	0.83	0.44	0.51	0.76	-0.15
		69	17.69	0.54	-15.51	-15.02	0.05	-2.74	0.93	0.15	0.35	0.73	-0.34
54	2	70	85.74	2.45	-79.60	-76.31	-0.84	-16.11	0.38	-0.84	-0.48	0.02	-0.55
		18	76.74	2.78	-70.79	-67.24	-0.77	-15.76	0.32	-0.77	-0.45	-5.12e-03	-0.50
		21	71.27	4.72	-60.82	-54.88	-1.22	-18.82	-2.15	-5.40	-2.28	-5.26	-0.65
		69	74.63	4.79	-66.23	-60.30	-1.13	-19.64	-1.59	-5.15	-1.71	-5.04	-0.62
54	3	70	15.40	0.31	-14.99	-14.65	-0.03	-2.25	0.06	-0.18	-0.03	-0.09	-0.11
		18	14.15	0.43	-13.83	-13.41	0.01	-2.42	-0.02	-0.20	-0.05	-0.16	-0.07



		21	11.87	0.67	-11.38	-10.70	-0.01	-2.79	0.02	-0.22	-0.02	-0.18	-0.10
		69	12.72	0.60	-11.99	-11.36	-0.04	-2.76	0.07	-0.26	-0.03	-0.17	-0.15
54	4	70	34.93	0.97	-32.64	-31.39	-0.28	-6.35	0.14	-0.31	-0.18	7.88e-03	-0.21
		18	31.45	1.14	-29.19	-27.81	-0.23	-6.32	0.12	-0.29	-0.17	-1.05e-03	-0.19
		21	28.67	1.88	-24.95	-22.66	-0.41	-7.49	-0.80	-2.01	-0.85	-1.96	-0.25
		69	30.11	1.88	-27.04	-24.77	-0.39	-7.77	-0.59	-1.92	-0.63	-1.88	-0.23
55	1	69	17.53	0.60	-15.47	-14.56	-0.31	-3.72	0.90	0.23	0.38	0.75	-0.28
		21	16.16	0.70	-15.07	-14.05	-0.32	-3.89	0.85	0.38	0.54	0.69	-0.23
		26	17.34	1.19	-11.34	-9.89	-0.26	-4.00	2.39	1.11	1.11	2.39	9.19e-03
		71	15.54	1.02	-11.15	-9.81	-0.32	-3.81	1.57	0.61	0.76	1.43	-0.34
55	2	69	74.72	4.91	-66.26	-57.40	-3.96	-23.50	-1.55	-5.33	-1.62	-5.26	-0.53
		21	69.37	4.69	-60.75	-52.05	-4.00	-22.22	-2.22	-5.22	-2.23	-5.22	-0.14
		26	87.12	7.57	-52.08	-39.75	-4.76	-24.16	-3.79	-12.03	-3.89	-11.94	-0.88
		71	75.41	7.91	-53.51	-41.09	-4.51	-24.67	-3.06	-8.95	-3.09	-8.92	-0.43
55	3	69	12.68	0.65	-11.98	-10.92	-0.41	-3.50	0.06	-0.25	-9.75e-03	-0.18	-0.13
		21	11.82	0.69	-11.37	-10.27	-0.42	-3.48	0.02	-0.22	-7.74e-03	-0.19	-0.08
		26	9.94	1.12	-9.12	-7.54	-0.46	-3.69	0.05	-0.22	0.03	-0.20	-0.07
		71	10.31	1.05	-9.12	-7.61	-0.46	-3.62	0.05	-0.32	-0.01	-0.26	-0.13
55	4	69	30.15	1.94	-27.04	-23.61	-1.49	-9.36	-0.58	-1.99	-0.60	-1.96	-0.20
		21	27.98	1.88	-24.92	-21.53	-1.51	-8.91	-0.83	-1.95	-0.83	-1.94	-0.06
		26	33.64	3.02	-21.20	-16.39	-1.79	-9.67	-1.41	-4.48	-1.45	-4.45	-0.33
		71	29.44	3.10	-21.69	-16.88	-1.71	-9.80	-1.14	-3.33	-1.15	-3.32	-0.16
56	1	68	21.46	4.46	-4.06	2.08	-1.69	-3.82	3.67	1.86	1.86	3.66	-0.09
		63	19.54	5.15	-3.01	1.83	0.32	-4.01	3.08	0.12	0.13	3.08	-0.12
		72	16.96	11.64	-1.80	10.13	-0.30	-4.24	0.89	-0.19	0.15	0.55	0.50
		8	15.77	10.96	-1.08	9.81	0.08	-3.54	-0.36	-1.70	-0.53	-1.54	0.44
56	2	68	127.07	20.63	-20.16	4.40	-3.94	-19.96	-11.70	-22.65	-12.25	-22.09	2.41
		63	111.02	22.74	-31.16	-2.81	-5.61	-26.92	1.64	-14.96	1.42	-14.74	1.89
		72	52.43	38.53	-13.85	26.91	-2.23	-21.76	-1.55	-2.51	-2.46	-1.59	-0.21
		8	71.21	36.66	-10.18	27.11	-0.63	-18.87	10.81	5.45	5.46	10.80	-0.20
56	3	68	7.83	3.53	-3.26	1.07	-0.81	-3.26	-0.28	-0.66	-0.36	-0.58	0.15
		63	8.03	4.00	-3.92	0.40	-0.32	-3.95	0.17	-0.24	0.14	-0.21	0.11
		72	10.38	7.69	-1.83	6.15	-0.29	-3.51	0.08	-0.23	-0.16	0.02	0.12
		8	8.75	7.46	-1.21	6.18	0.07	-3.08	0.44	0.20	0.28	0.36	0.11
56	4	68	47.75	8.35	-8.06	1.76	-1.47	-8.04	-4.34	-8.42	-4.54	-8.22	0.89
		63	42.03	9.22	-12.28	-0.98	-2.08	-10.73	0.60	-5.57	0.52	-5.49	0.70
		72	21.02	15.69	-5.43	11.12	-0.86	-8.70	-0.60	-0.96	-0.94	-0.62	-0.09
		8	27.59	15.11	-3.94	11.30	-0.13	-7.62	4.02	2.05	2.05	4.01	-0.08
57	1	71	24.26	1.09	-10.89	-9.36	-0.45	-4.01	3.48	1.13	1.40	3.21	-0.74
		26	14.50	1.27	-11.51	-9.75	-0.49	-4.39	0.97	-0.02	0.59	0.36	-0.48
		73	46.13	5.02	-3.00	2.15	-0.12	-3.85	8.58	5.26	5.28	8.55	-0.29
		63	24.36	5.02	-3.82	1.86	-0.66	-4.24	2.84	-1.05	-1.05	2.84	0.10
57	2	71	114.70	8.31	-55.79	-40.15	-7.33	-27.53	-4.76	-16.63	-4.88	-16.51	1.21
		26	67.12	7.61	-49.82	-36.95	-5.26	-23.95	-1.45	-4.83	-1.98	-4.30	1.23
		73	196.32	21.74	-38.22	-3.13	-13.36	-29.54	-18.95	-34.50	-18.97	-34.48	0.51
		63	107.77	23.28	-27.26	-2.11	-1.86	-25.27	3.86	-14.07	3.86	-14.07	0.17
57	3	71	10.33	1.14	-9.21	-7.35	-0.73	-3.98	0.09	-0.35	0.04	-0.30	-0.13
		26	9.89	1.16	-8.97	-7.23	-0.58	-3.82	0.04	-0.23	0.03	-0.22	-0.05
		73	8.00	3.79	-4.50	0.41	-1.11	-4.08	0.13	-0.10	0.12	-0.09	-0.05
		63	7.12	3.88	-3.81	0.44	-0.37	-3.83	-0.01	-0.24	-0.02	-0.23	0.04
57	4	71	44.07	3.29	-22.53	-16.47	-2.77	-10.95	-1.77	-6.19	-1.82	-6.14	0.45
		26	26.76	3.05	-20.33	-15.29	-1.99	-9.62	-0.54	-1.80	-0.74	-1.60	0.45
		73	73.47	8.75	-14.94	-1.16	-5.03	-11.69	-7.06	-12.85	-7.07	-12.84	0.18
		63	40.55	9.33	-10.79	-0.74	-0.73	-10.06	1.43	-5.24	1.43	-5.24	0.06
58	1	63	25.38	5.41	-3.00	1.76	0.65	-4.17	3.12	-0.79	-0.65	2.98	0.73
		73	38.12	4.41	-4.88	1.89	-2.36	-4.13	6.58	3.96	4.16	6.39	0.69
		7	19.38	11.44	-1.82	9.55	0.07	-4.63	-1.32	-2.80	-1.33	-2.80	0.09
		72	15.13	11.23	-1.38	10.16	-0.30	-3.53	1.32	0.15	0.74	0.72	0.58
58	2	63	118.04	19.99	-28.33	-2.69	-5.65	-24.12	1.97	-15.21	1.70	-14.95	-2.12
		73	150.47	28.80	-33.67	-1.24	-3.62	-31.21	-12.95	-24.08	-13.77	-23.26	-2.91
		7	75.20	33.48	-18.77	16.42	-1.71	-24.50	10.54	4.26	4.26	10.54	0.16
		72	52.78	39.99	-15.15	27.04	-2.21	-23.37	-0.82	-2.08	-1.58	-1.32	-0.61
58	3	63	7.02	3.78	-3.62	0.39	-0.23	-3.68	-0.06	-0.27	-0.07	-0.26	0.05
		73	7.92	4.12	-4.65	0.47	-0.99	-4.32	0.18	0.11	0.18	0.12	-0.02
		7	8.99	7.14	-2.07	5.10	-0.04	-3.82	-0.02	-0.12	-0.09	-0.05	0.04
		72	9.37	7.66	-1.78	6.17	-0.29	-3.44	0.22	-0.02	0.11	0.10	0.12
58	4	63	44.59	8.10	-11.12	-0.93	-2.09	-9.59	0.73	-5.67	0.63	-5.57	-0.79
		73	56.81	11.44	-13.27	-0.46	-1.36	-12.35	-4.83	-8.98	-5.14	-8.67	-1.09
		7	28.86	13.73	-7.16	7.14	-0.56	-9.71	3.91	1.56	1.56	3.91	0.07
		72	21.22	16.25	-5.93	11.17	-0.85	-9.32	-0.30	-0.78	-0.58	-0.51	-0.24
59	1	21	16.45	0.65	-14.99	-14.02	-0.32	-3.77	0.69	0.49	0.50	0.68	-0.05
		74	15.35	0.75	-14.51	-13.39	-0.37	-3.98	0.65	0.31	0.31	0.65	0.02
		76	13.88	1.18	-11.47	-9.96	-0.33	-4.10	1.29	0.61	0.61	1.28	0.01
		26	18.85	1.08	-11.28	-9.90	-0.29	-3.89	2.48	1.03	1.08	2.43	-0.27
59	2	21	71.78	4.55	-60.53	-52.03	-3.95	-21.93	-1.97	-5.30	-2.11	-5.16	-0.66
		74	64.29	4.75	-54.99	-46.72	-3.53	-20.64	-1.74	-4.94	-1.74	-4.94	-0.12
		76	68.16	7.47	-48.55	-37.22	-3.86	-22.50	-2.68	-7.68	-2.68	-7.68	4.77e-03



		26	87.80	6.71	-51.17	-39.66	-4.79	-23.10	-3.82	-12.08	-3.83	-12.08	0.14
59	3	21	11.76	0.64	-11.30	-10.25	-0.41	-3.37	0.01	-0.21	-0.01	-0.19	-0.07
		74	11.29	0.71	-10.67	-9.56	-0.40	-3.37	-0.04	-0.19	-0.04	-0.19	-7.00e-03
		76	9.88	1.11	-8.88	-7.36	-0.41	-3.59	-0.02	-0.21	-0.02	-0.21	1.20e-03
		26	9.70	0.97	-8.98	-7.53	-0.48	-3.51	0.05	-0.22	0.03	-0.20	-0.07
59	4	21	28.81	1.80	-24.80	-21.51	-1.49	-8.76	-0.73	-1.97	-0.78	-1.92	-0.25
		74	26.08	1.91	-22.67	-19.43	-1.33	-8.31	-0.65	-1.84	-0.65	-1.84	-0.05
		76	27.02	2.98	-19.88	-15.44	-1.45	-9.04	-1.00	-2.86	-1.00	-2.86	-8.33e-04
		26	34.09	2.64	-20.81	-16.35	-1.81	-9.20	-1.42	-4.50	-1.42	-4.50	0.05
60	1	75	19.20	0.34	-17.64	-17.28	-8.69e-03	-2.49	-0.01	-0.43	-0.02	-0.42	0.06
		19	18.53	0.55	-16.37	-15.85	0.03	-2.91	-7.88e-04	-0.57	-0.06	-0.50	0.18
		60	15.99	0.81	-13.86	-13.13	0.08	-3.19	0.70	0.19	0.34	0.54	0.23
		74	15.36	0.63	-14.45	-13.85	0.03	-2.94	0.56	0.26	0.28	0.54	0.08
60	2	75	67.97	2.84	-62.09	-58.48	-0.77	-14.87	-0.27	-1.11	-0.77	-0.61	-0.41
		19	59.86	3.27	-53.74	-49.75	-0.73	-14.55	-0.06	-0.79	-0.67	-0.19	-0.28
		60	59.18	4.69	-49.16	-43.36	-1.10	-16.68	-2.20	-4.92	-2.25	-4.87	-0.37
		74	62.33	4.69	-54.88	-49.24	-0.95	-17.44	-1.55	-4.60	-1.64	-4.51	-0.51
60	3	75	12.82	0.36	-12.52	-12.13	-0.03	-2.22	-0.06	-0.17	-0.06	-0.17	-0.01
		19	11.83	0.52	-11.35	-10.83	2.17e-03	-2.42	-0.06	-0.17	-0.07	-0.16	0.03
		60	10.73	0.72	-9.92	-9.18	-0.01	-2.70	-0.06	-0.22	-0.07	-0.21	0.04
		74	11.17	0.62	-10.61	-9.95	-0.03	-2.63	-0.04	-0.18	-0.04	-0.18	-0.02
60	4	75	27.89	1.11	-25.70	-24.34	-0.26	-5.89	-0.10	-0.41	-0.28	-0.23	-0.15
		19	24.76	1.33	-22.42	-20.87	-0.22	-5.87	-0.02	-0.30	-0.25	-0.07	-0.11
		60	23.95	1.88	-20.38	-18.14	-0.36	-6.70	-0.82	-1.84	-0.84	-1.82	-0.14
		74	25.31	1.83	-22.59	-20.44	-0.32	-6.93	-0.58	-1.71	-0.61	-1.68	-0.19
61	1	74	15.65	0.68	-14.43	-13.38	-0.37	-3.84	0.56	0.23	0.27	0.52	0.11
		60	15.59	0.82	-13.86	-12.64	-0.40	-4.05	0.66	0.25	0.32	0.60	0.15
		27	16.05	1.21	-11.48	-9.91	-0.37	-4.18	1.83	0.54	0.60	1.77	0.28
		76	14.21	1.07	-11.38	-9.95	-0.36	-3.97	1.35	0.70	0.70	1.35	0.02
61	2	74	63.38	4.78	-54.90	-46.67	-3.44	-20.57	-1.53	-4.60	-1.60	-4.52	-0.46
		60	57.80	4.66	-49.12	-40.90	-3.55	-19.35	-2.19	-4.98	-2.19	-4.98	0.02
		27	76.09	6.59	-45.23	-34.51	-4.13	-20.99	-3.43	-10.61	-3.50	-10.53	-0.71
		76	65.32	6.80	-47.82	-37.12	-3.90	-21.68	-2.85	-7.52	-2.86	-7.52	-0.08
61	3	74	11.20	0.66	-10.59	-9.54	-0.39	-3.27	-0.04	-0.19	-0.04	-0.19	-6.20e-03
		60	10.72	0.73	-9.91	-8.77	-0.41	-3.29	-0.06	-0.22	-0.07	-0.20	0.04
		27	9.63	1.04	-8.61	-7.12	-0.44	-3.48	-0.09	-0.28	-0.09	-0.28	0.03
		76	9.62	0.97	-8.75	-7.35	-0.43	-3.41	-9.89e-03	-0.17	-9.94e-03	-0.17	-2.90e-03
61	4	74	25.58	1.88	-22.59	-19.41	-1.30	-8.23	-0.57	-1.71	-0.60	-1.69	-0.17
		60	23.48	1.87	-20.37	-17.15	-1.34	-7.82	-0.81	-1.85	-0.81	-1.85	4.51e-03
		27	29.51	2.64	-18.61	-14.41	-1.56	-8.46	-1.28	-3.95	-1.31	-3.93	-0.27
		76	25.87	2.67	-19.55	-15.40	-1.48	-8.66	-1.06	-2.80	-1.06	-2.80	-0.03
62	1	73	35.98	4.50	-4.86	1.95	-2.32	-4.16	6.65	3.93	4.18	6.40	-0.79
		43	26.96	5.07	-3.10	1.35	0.63	-4.07	3.58	-0.72	-0.57	3.44	-0.77
		44	16.59	11.31	-1.88	9.66	-0.22	-4.37	1.11	0.08	0.43	0.76	-0.49
		7	18.91	10.59	-0.74	9.71	0.14	-3.04	-0.94	-2.66	-0.94	-2.66	8.47e-03
62	2	73	131.03	16.97	-21.19	-0.71	-3.50	-19.03	-11.99	-23.43	-12.74	-22.68	2.83
		43	116.25	19.53	-31.31	-6.56	-5.23	-25.41	1.98	-15.40	1.69	-15.11	2.23
		44	47.91	31.77	-15.42	18.36	-2.01	-21.29	-1.86	-2.57	-2.57	-1.86	0.03
		7	68.88	29.22	-12.98	17.36	-1.13	-18.97	10.90	5.52	5.52	10.90	0.05
62	3	73	6.34	3.17	-3.59	0.54	-0.96	-3.29	0.30	0.18	0.29	0.18	-0.02
		43	7.34	3.69	-4.01	-0.12	-0.20	-3.85	-0.02	-0.16	-0.05	-0.13	-0.06
		44	8.99	6.95	-1.97	5.22	-0.24	-3.53	0.15	-0.19	-0.09	0.06	-0.15
		7	7.91	6.58	-1.29	5.25	0.04	-2.95	0.16	0.04	0.16	0.04	5.07e-03
62	4	73	49.21	6.93	-8.50	-0.25	-1.31	-7.70	-4.45	-8.71	-4.72	-8.43	1.05
		43	44.00	7.98	-12.37	-2.46	-1.94	-10.17	0.73	-5.74	0.62	-5.63	0.83
		44	19.23	13.07	-6.04	7.79	-0.77	-8.54	-0.72	-0.98	-0.98	-0.72	-1.65e-03
		7	26.31	12.20	-5.02	7.51	-0.33	-7.67	4.05	2.07	2.07	4.05	0.02
63	1	76	22.79	1.11	-11.16	-9.49	-0.56	-4.21	3.17	0.96	1.01	3.12	-0.33
		27	13.41	1.32	-11.61	-9.72	-0.58	-4.57	0.45	-0.06	0.40	-6.63e-03	-0.16
		46	41.60	4.92	-3.57	1.65	-0.30	-4.13	7.66	4.18	4.31	7.54	-0.65
		43	25.37	4.98	-4.12	1.47	-0.61	-4.43	3.45	-0.79	-0.78	3.44	-0.26
63	2	76	109.08	7.24	-50.23	-36.45	-6.54	-24.54	-4.57	-15.93	-4.79	-15.70	1.58
		27	59.50	6.63	-42.94	-31.90	-4.40	-20.62	-0.26	-3.53	-1.53	-2.26	1.59
		46	204.26	18.62	-37.31	-5.72	-12.98	-27.73	-20.22	-36.47	-20.28	-36.41	0.99
		43	114.50	20.26	-27.49	-5.82	-1.41	-23.77	4.44	-14.36	4.43	-14.35	0.50
63	3	76	9.88	1.05	-8.86	-7.11	-0.70	-3.78	-0.06	-0.27	-0.07	-0.27	0.02
		27	9.97	1.10	-8.45	-6.81	-0.54	-3.60	0.03	-0.20	4.17e-03	-0.18	0.07
		46	9.13	3.50	-4.63	-2.04e-03	-1.14	-4.02	-0.22	-0.60	-0.27	-0.55	-0.13
		43	7.05	3.59	-3.96	-0.04	-0.32	-3.77	0.11	-0.09	0.10	-0.08	-0.04
63	4	76	41.94	2.88	-20.44	-15.10	-2.47	-9.80	-1.70	-5.93	-1.78	-5.85	0.59
		27	23.87	2.67	-17.73	-13.38	-1.68	-8.35	-0.10	-1.31	-0.57	-0.84	0.59
		46	76.41	7.56	-14.64	-2.18	-4.89	-11.02	-7.54	-13.59	-7.56	-13.57	0.36
		43	43.10	8.16	-10.92	-2.20	-0.56	-9.50	1.65	-5.35	1.64	-5.35	0.18
64	1	43	23.48	5.33	-3.37	1.41	0.55	-4.33	3.39	-0.28	-0.27	3.38	0.21
		46	31.26	4.28	-5.31	1.23	-2.25	-4.47	5.35	2.92	2.94	5.33	0.20
		6	19.12	10.34	-1.90	8.56	-0.12	-4.31	-1.05	-2.50	-1.15	-2.40	-0.37
		44	15.25	10.83	-1.40	9.70	-0.26	-3.55	1.09	0.36	0.61	0.84	-0.35



64	2	43	116.65	16.75	-28.69	-6.43	-5.51	-22.71	2.32	-15.44	2.10	-15.21	-2.00
		46	153.90	26.08	-32.45	-3.65	-2.73	-29.26	-14.02	-25.44	-14.73	-24.73	-2.75
		6	76.06	27.61	-20.75	8.97	-2.10	-23.54	11.21	4.57	4.59	11.19	0.30
		44	47.62	33.37	-16.86	18.47	-1.96	-22.95	-1.27	-2.18	-1.79	-1.65	-0.45
64	3	43	7.41	3.46	-3.80	-0.09	-0.25	-3.63	0.11	-0.20	0.07	-0.17	-0.09
		46	9.36	3.87	-4.74	0.02	-0.89	-4.28	-0.12	-0.44	-0.26	-0.31	-0.16
		6	8.14	6.23	-2.25	4.11	-0.13	-3.67	0.16	-0.06	-0.02	0.12	-0.08
		44	9.19	6.89	-1.90	5.24	-0.25	-3.43	0.23	-0.07	0.05	0.11	-0.14
64	4	43	44.03	6.85	-11.30	-2.41	-2.04	-9.07	0.86	-5.76	0.77	-5.67	-0.75
		46	58.07	10.40	-12.85	-1.42	-1.03	-11.62	-5.23	-9.48	-5.49	-9.22	-1.03
		6	29.05	11.44	-7.93	4.23	-0.72	-9.37	4.15	1.68	1.68	4.15	0.12
		44	19.18	13.68	-6.59	7.84	-0.75	-9.18	-0.47	-0.82	-0.66	-0.63	-0.18
65	1	155	72.91	3.27	-24.73	-17.80	-3.67	-12.09	-0.24	-11.14	-0.57	-10.82	-1.85
		330	24.99	1.44	-14.28	-11.63	-1.21	-5.89	-0.52	-2.06	-1.36	-1.22	-0.76
		343	109.11	5.37	-30.52	-13.01	-12.13	-17.94	-5.71	-19.16	-6.10	-18.78	2.24
		311	100.47	7.16	-24.37	-17.10	-0.12	-13.28	0.87	-13.57	0.72	-13.43	1.44
65	2	155	109.90	13.43	-93.87	-67.55	-12.89	-46.16	4.35	1.02	1.14	4.22	-0.63
		330	80.09	11.64	-70.44	-51.79	-7.01	-34.39	0.58	-0.86	0.28	-0.56	-0.59
		343	128.63	29.24	-88.44	-27.04	-32.16	-58.78	11.37	5.90	6.00	11.27	-0.72
		311	102.97	35.41	-64.75	-30.55	1.21	-47.50	4.23	-1.43	-1.42	4.21	-0.33
65	3	155	26.83	2.14	-17.73	-13.39	-2.20	-8.21	0.05	-3.00	-0.08	-2.88	-0.60
		330	16.73	1.54	-12.84	-10.26	-1.03	-5.51	-0.12	-0.67	-0.38	-0.41	-0.27
		343	33.13	4.68	-17.41	-6.57	-6.17	-11.04	-1.23	-4.78	-1.33	-4.68	0.61
		311	33.43	5.56	-13.69	-8.10	-0.03	-8.74	0.14	-3.69	0.10	-3.65	0.40
65	4	155	44.26	5.14	-38.20	-28.13	-4.93	-18.30	1.63	0.38	0.43	1.58	-0.24
		330	33.10	4.55	-29.46	-22.16	-2.75	-13.96	0.22	-0.33	0.10	-0.21	-0.22
		343	49.73	11.74	-34.57	-10.72	-12.10	-23.15	4.26	2.21	2.25	4.23	-0.27
		311	40.42	14.01	-25.73	-12.08	0.37	-18.87	1.58	-0.54	-0.53	1.57	-0.12
66	1	311	82.82	2.72	-26.21	-18.35	-5.15	-12.87	-2.57	-13.48	-2.64	-13.41	0.88
		343	68.27	18.37	-22.69	-8.52	4.19	-19.52	1.64	-6.78	1.61	-6.75	0.50
		97	59.96	5.66	-27.18	-15.98	-5.54	-15.57	6.06	1.21	2.74	4.53	2.25
		150	98.38	16.11	-24.57	-9.24	0.79	-19.71	4.26	-7.88	-1.04	-2.58	6.02
66	2	311	91.81	22.99	-70.79	-33.42	-14.37	-45.91	4.73	-0.21	-0.18	4.70	0.37
		343	119.28	56.17	-70.42	-18.94	4.70	-62.18	6.35	3.13	3.24	6.24	0.58
		97	91.16	32.37	-62.51	-19.53	-10.60	-47.23	-1.50	-3.27	-1.61	-3.16	-0.43
		150	95.34	55.41	-47.72	6.60	1.09	-51.49	1.47	0.39	0.88	0.97	-0.54
66	3	311	27.60	3.32	-14.62	-8.67	-2.64	-8.45	-0.77	-3.64	-0.80	-3.61	0.29
		343	28.21	10.65	-13.81	-4.66	1.49	-11.84	0.75	-1.52	0.74	-1.51	0.19
		97	24.64	5.55	-13.45	-5.49	-2.41	-9.37	1.56	0.22	0.69	1.09	0.63
		150	37.36	10.41	-11.55	-1.41	0.28	-10.95	1.29	-2.22	-0.24	-0.69	1.74
66	4	311	36.11	9.39	-27.90	-13.13	-5.37	-18.24	1.77	-0.08	-0.07	1.76	0.14
		343	46.78	21.87	-27.97	-7.75	1.64	-24.47	2.38	1.18	1.22	2.34	0.22
		97	35.77	13.58	-24.02	-6.54	-3.91	-18.75	-0.56	-1.23	-0.60	-1.19	-0.16
		150	37.62	22.24	-18.60	3.28	0.37	-20.37	0.55	0.15	0.33	0.36	-0.20
67	1	310	20.47	3.98	-5.38	-1.73	0.33	-4.57	3.52	2.26	2.26	3.51	-0.07
		122	12.02	4.00	-7.17	-1.91	-1.26	-5.58	0.28	-0.90	-0.90	0.27	0.10
		133	13.21	6.25	-5.29	0.71	0.25	-5.76	1.63	1.01	1.01	1.63	0.03
		95	15.20	4.45	-7.04	-1.47	-1.12	-5.74	-0.80	-1.75	-0.92	-1.64	0.31
67	2	310	45.78	14.20	-15.91	-5.48	3.77	-14.33	5.42	2.98	3.82	4.58	-1.16
		122	45.88	11.97	-30.37	-9.12	-9.27	-21.17	1.05	-1.82	-1.72	0.95	-0.54
		133	48.99	22.33	-21.50	-0.79	1.61	-21.88	1.76	-0.33	0.79	0.65	-1.04
		95	46.48	10.66	-34.07	-16.02	-7.38	-21.94	-0.80	-2.05	-0.91	-1.93	-0.36
67	3	310	11.05	3.50	-4.40	-1.21	0.31	-3.88	1.46	0.96	0.99	1.43	-0.12
		122	9.52	3.62	-6.26	-1.48	-1.17	-4.94	0.16	-0.41	-0.41	0.16	-0.01
		133	9.74	5.16	-4.59	0.38	0.20	-4.87	0.57	0.34	0.37	0.54	-0.08
		95	9.40	3.79	-5.86	-1.19	-0.88	-4.82	-0.34	-0.66	-0.35	-0.65	0.06
67	4	310	19.25	6.52	-7.51	-2.32	1.33	-6.77	2.06	1.13	1.45	1.74	-0.44
		122	19.92	5.99	-13.14	-3.61	-3.54	-9.56	0.40	-0.69	-0.65	0.36	-0.20
		133	20.90	9.92	-9.39	-0.07	0.60	-9.65	0.67	-0.12	0.30	0.25	-0.39
		95	19.53	5.60	-13.84	-5.51	-2.73	-9.62	-0.30	-0.78	-0.35	-0.73	-0.14
68	1	340	21.34	1.76	-7.99	-5.46	-0.77	-4.28	0.36	-2.16	0.05	-1.85	0.83
		314	8.76	3.42	-3.37	-0.88	0.94	-3.27	-0.25	-0.87	-0.77	-0.35	0.23
		134	19.09	5.84	-6.05	-0.54	0.33	-5.92	0.23	-1.41	-0.58	-0.60	0.82
		122	16.62	4.36	-6.48	-1.47	-0.64	-5.40	1.08	-0.30	0.18	0.61	0.66
68	2	340	31.48	3.32	-26.36	-17.90	-5.13	-13.40	-0.19	-1.88	-1.51	-0.55	0.70
		314	24.54	18.04	-7.52	2.38	8.14	-12.45	0.83	0.01	0.82	0.02	0.10
		134	35.35	20.04	-19.37	-3.17	3.84	-19.39	0.02	-0.74	-0.71	-8.94e-03	0.15
		122	37.73	16.17	-25.02	-5.12	-3.73	-20.58	1.16	0.10	0.10	1.15	0.09
68	3	340	10.42	1.25	-6.19	-3.96	-0.98	-3.41	0.03	-0.75	-0.12	-0.60	0.31
		314	6.79	4.33	-2.37	0.33	1.63	-3.29	-0.05	-0.22	-0.16	-0.11	0.08
		134	11.06	4.70	-4.96	-0.76	0.50	-4.79	0.06	-0.46	-0.23	-0.18	0.26
		122	10.83	4.23	-5.67	-1.06	-0.37	-4.93	0.40	-0.06	0.06	0.28	0.20
68	4	340	13.87	1.72	-11.63	-7.65	-2.27	-6.11	-0.08	-0.72	-0.58	-0.22	0.27
		314	11.55	8.66	-3.60	1.30	3.76	-6.01	0.31	-1.09e-03	0.31	3.88e-03	0.04
		134	15.91	8.91	-8.91	-1.54	1.54	-8.78	0.01	-0.28	-0.27	-7.56e-04	0.06
		122	17.06	7.72	-11.16	-2.14	-1.29	-9.43	0.44	0.04	0.04	0.44	0.04
69	1	104	33.18	-0.04	-12.48	-8.87	-3.65	-5.65	0.68	-4.04	0.19	-3.55	-1.44



		103	18.75	0.68	-12.24	-8.48	-3.08	-5.87	-0.14	-1.73	-0.27	-1.60	-0.44
		315	24.65	2.38	-10.43	-5.78	-2.28	-6.16	-0.61	-3.46	-0.70	-3.37	0.51
69	2	104	66.75	8.08	-61.94	-32.95	-20.90	-34.49	0.69	0.24	0.24	0.68	-0.05
		103	67.46	7.55	-62.24	-35.70	-18.99	-33.88	-0.03	-0.43	-0.09	-0.37	0.15
		315	55.65	11.60	-47.64	-21.85	-14.19	-29.37	-0.18	-0.59	-0.33	-0.45	0.20
69	3	104	16.73	0.73	-11.50	-7.46	-3.31	-5.75	0.23	-1.15	0.07	-1.00	-0.43
		103	13.52	0.89	-11.68	-7.83	-2.96	-5.80	-0.06	-0.54	-0.09	-0.50	-0.12
		315	13.24	1.81	-9.72	-5.46	-2.45	-5.56	-0.20	-1.07	-0.24	-1.04	0.17
69	4	104	27.92	3.12	-26.13	-14.59	-8.43	-14.30	0.26	0.09	0.09	0.25	-0.02
		103	28.45	2.90	-26.47	-15.90	-7.67	-14.09	-0.01	-0.16	-0.03	-0.14	0.05
		315	23.77	4.52	-20.72	-10.22	-5.98	-12.44	-0.07	-0.23	-0.13	-0.17	0.07
70	1	307	38.41	0.96	-15.69	-9.90	-4.84	-7.93	0.55	-4.45	0.08	-3.98	-1.45
		322	22.44	1.30	-15.05	-9.72	-4.03	-7.66	-0.11	-1.81	-0.27	-1.65	-0.49
		103	18.31	1.79	-12.17	-7.77	-2.61	-6.49	0.12	-1.32	-0.05	-1.15	-0.46
70	2	307	81.11	7.92	-76.46	-45.38	-23.16	-40.70	1.06	0.41	0.45	1.02	-0.15
		322	81.76	7.12	-77.37	-48.99	-21.26	-39.90	0.10	2.40e-03	0.07	0.03	0.05
		103	68.33	10.01	-62.13	-35.00	-17.12	-34.95	-0.03	-0.23	-0.07	-0.18	0.08
70	3	307	19.31	0.98	-13.93	-9.13	-3.82	-6.97	0.21	-1.25	0.06	-1.10	-0.45
		322	16.01	1.01	-14.05	-9.64	-3.40	-6.85	-0.03	-0.53	-0.07	-0.49	-0.14
		103	13.76	1.43	-11.75	-7.54	-2.78	-6.15	0.03	-0.40	-0.02	-0.36	-0.13
70	4	307	33.70	3.02	-31.91	-19.64	-9.25	-16.67	0.40	0.15	0.17	0.38	-0.06
		322	34.15	2.72	-32.49	-21.27	-8.51	-16.41	0.04	9.16e-04	0.03	0.01	0.02
		103	28.88	3.85	-26.54	-15.61	-7.08	-14.58	-0.01	-0.09	-0.03	-0.07	0.03
71	1	343	91.44	7.26	-10.03	-8.28	5.51	-5.21	-8.30	-16.53	-11.55	-13.28	4.02
		107	65.80	1.81	-18.84	-11.39	-5.64	-9.92	4.24	-5.54	3.38	-4.68	2.77
		158	63.25	10.29	-10.65	-3.10	2.75	-10.06	3.30	-5.64	-2.18	-0.15	4.35
		97	51.92	2.37	-23.21	-15.22	-5.62	-11.85	6.35	2.33	3.05	5.62	1.55
71	2	343	80.50	26.00	-37.89	-17.20	5.31	-29.90	7.96	4.22	5.09	7.09	-1.58
		107	98.35	22.96	-65.69	-29.09	-13.64	-43.65	4.52	-1.32	-1.03	4.24	-1.26
		158	74.69	38.66	-37.21	-0.45	1.90	-37.92	1.85	0.18	1.03	1.00	-0.83
		97	71.87	25.10	-49.92	-16.21	-8.61	-37.31	-1.57	-3.27	-1.59	-3.25	-0.19
71	3	343	27.72	4.70	-7.17	-4.41	1.94	-5.01	-2.12	-4.28	-3.03	-3.38	1.07
		107	24.88	3.31	-12.28	-6.22	-2.74	-7.60	1.16	-1.29	0.92	-1.05	0.72
		158	25.30	7.53	-6.82	-0.22	0.94	-7.15	1.00	-1.53	-0.56	0.03	1.23
		97	20.36	4.06	-11.20	-4.91	-2.22	-7.51	1.64	0.55	0.78	1.41	0.44
71	4	343	31.86	10.53	-15.70	-7.05	1.88	-12.33	2.98	1.58	1.91	2.66	-0.59
		107	39.03	9.59	-26.16	-11.46	-5.11	-17.59	1.70	-0.49	-0.39	1.59	-0.47
		158	30.05	16.03	-14.78	0.56	0.69	-15.41	0.69	0.07	0.39	0.37	-0.31
		97	28.51	10.93	-19.25	-5.21	-3.11	-15.06	-0.59	-1.23	-0.60	-1.22	-0.07
72	1	104	38.86	1.48	-13.56	-10.81	-1.27	-5.81	1.78	-4.60	0.98	-3.80	-2.11
		315	23.59	1.28	-9.56	-7.75	-0.53	-4.04	-1.53	-3.59	-1.71	-3.42	-0.58
		147	37.58	4.62	-15.05	-6.23	-4.20	-9.78	3.89	0.09	3.55	0.42	1.08
		107	40.23	4.70	-14.60	-9.73	-0.17	-8.38	-0.76	-5.16	-1.04	-4.88	1.07
72	2	104	80.26	10.93	-68.22	-45.92	-11.37	-35.61	2.56	0.25	0.32	2.49	-0.40
		315	50.67	10.16	-43.09	-29.18	-3.75	-23.39	-0.03	-1.79	-0.08	-1.74	-0.30
		147	105.81	23.60	-73.35	-19.75	-30.00	-48.20	9.52	4.79	4.94	9.36	-0.84
		107	88.98	29.58	-53.79	-24.85	0.64	-39.69	4.02	-1.27	-1.22	3.97	-0.52
72	3	104	18.08	1.43	-12.29	-9.42	-1.44	-5.58	0.60	-1.21	0.32	-0.93	-0.66
		315	12.99	1.42	-9.08	-7.03	-0.63	-4.16	-0.46	-1.21	-0.52	-1.16	-0.20
		147	19.91	4.16	-11.76	-3.86	-3.74	-7.96	1.55	0.79	1.46	0.88	0.25
		107	16.96	4.55	-10.05	-5.38	-0.12	-6.81	-0.32	-1.22	-0.41	-1.13	0.28
72	4	104	33.08	4.21	-28.47	-19.83	-4.43	-14.41	0.96	0.09	0.12	0.94	-0.15
		315	21.82	4.04	-19.00	-13.38	-1.58	-9.90	-0.01	-0.68	-0.03	-0.66	-0.12
		147	41.43	9.80	-29.05	-7.87	-11.38	-19.35	3.59	1.81	1.87	3.53	-0.32
		107	35.35	11.97	-21.71	-9.86	0.12	-16.09	1.51	-0.48	-0.46	1.49	-0.19
73	1	107	39.33	3.73	-15.05	-10.30	-1.02	-8.17	-1.25	-5.22	-2.15	-4.32	1.66
		147	48.10	9.17	-12.92	-4.95	1.21	-10.61	6.36	2.24	5.72	2.87	1.48
		96	29.64	5.95	-14.01	-5.63	-2.43	-9.85	0.81	-1.56	-0.25	-0.50	1.18
		158	66.24	10.63	-14.72	-4.44	0.34	-12.45	5.02	-3.46	1.04	0.51	4.23
73	2	107	74.76	18.02	-59.24	-28.63	-12.60	-37.79	4.02	-0.21	-0.20	4.02	0.16
		147	96.42	48.33	-56.26	-12.74	4.81	-51.55	5.35	2.45	2.49	5.32	0.30
		96	79.31	23.62	-56.90	-23.11	-10.17	-39.74	-1.20	-2.90	-1.34	-2.76	-0.47
		158	85.54	44.47	-43.89	-0.30	0.89	-44.17	1.75	0.03	0.72	1.06	-0.85
73	3	107	17.51	3.33	-10.51	-5.85	-1.32	-6.54	-0.28	-1.34	-0.66	-0.96	0.50
		147	23.26	7.53	-9.91	-3.01	0.63	-8.53	2.15	1.04	1.90	1.29	0.47
		96	15.92	5.11	-9.40	-2.82	-1.47	-7.23	0.05	-0.60	-0.18	-0.37	0.31
		158	26.97	8.15	-8.60	-0.59	0.14	-8.36	1.49	-0.89	0.37	0.24	1.19
73	4	107	29.92	7.64	-23.68	-11.28	-4.75	-15.31	1.51	-0.08	-0.08	1.51	0.06
		147	38.50	19.14	-22.77	-5.32	1.70	-20.66	2.02	0.93	0.94	2.01	0.12
		96	31.51	10.34	-22.10	-8.00	-3.77	-16.08	-0.45	-1.09	-0.51	-1.04	-0.18
		158	34.13	18.24	-17.30	0.64	0.30	-17.77	0.66	0.01	0.27	0.40	-0.31
74	1	147	22.32	4.89	-7.81	-4.72	1.80	-5.45	0.17	-2.36	-1.54	-0.65	1.18
		151	21.40	3.75	-10.65	-5.00	-1.91	-7.03	1.28	-0.25	0.74	0.28	0.73
		145	31.25	7.80	-7.23	-0.42	0.99	-7.48	2.40	-1.24	-0.09	1.24	1.69
		96	24.29	4.63	-11.93	-5.03	-2.27	-8.16	1.09	-0.75	0.23	0.11	0.91
74	2	147	65.64	20.09	-25.93	-11.45	5.60	-21.37	7.48	4.09	5.04	6.53	-1.52
		151	75.82	16.46	-49.11	-20.67	-11.98	-32.50	3.18	-1.73	-1.42	2.88	-1.19



		145	63.00	29.12	-30.06	-2.96	2.03	-29.48	2.09	-0.13	0.96	1.00	-1.11
		96	61.72	15.75	-45.00	-20.46	-8.79	-29.81	-1.27	-2.98	-1.35	-2.91	-0.35
74	3	147	10.46	3.94	-5.86	-2.79	0.88	-4.54	0.44	-0.16	-0.05	0.33	0.23
		151	12.35	3.59	-8.67	-3.54	-1.55	-6.05	0.37	0.05	0.11	0.32	0.12
		145	14.68	6.22	-5.54	0.24	0.44	-5.88	0.71	-0.21	0.05	0.45	0.42
74	4	96	13.05	4.20	-7.80	-2.33	-1.27	-5.97	0.14	-0.38	-0.04	-0.20	0.24
		147	26.42	8.47	-11.26	-4.79	2.00	-9.26	2.82	1.54	1.90	2.46	-0.57
		151	30.85	7.36	-20.07	-8.18	-4.54	-13.59	1.20	-0.65	-0.54	1.09	-0.45
		145	25.91	12.53	-12.29	-0.51	0.75	-12.40	0.79	-0.04	0.36	0.38	-0.41
		96	24.86	7.48	-17.58	-6.90	-3.20	-12.39	-0.48	-1.12	-0.51	-1.10	-0.13
75	1	153	14.41	1.60	-8.87	-7.00	-0.28	-4.02	0.29	-1.34	0.08	-1.12	-0.55
		316	25.40	2.80	-6.13	-3.18	-0.15	-4.20	-1.06	-4.13	-1.10	-4.09	0.37
		310	39.79	4.55	-10.01	-3.92	-1.54	-7.18	6.19	4.83	4.99	6.03	0.44
		151	17.78	4.85	-8.89	-5.06	1.02	-6.16	0.17	-1.68	-1.40	-0.10	0.66
75	2	153	48.75	10.35	-39.70	-26.47	-2.87	-22.07	1.25	-0.37	-0.37	1.24	0.08
		316	33.60	13.20	-22.00	-7.78	-1.03	-17.27	-0.06	-1.68	-0.09	-1.65	-0.21
		310	71.93	17.66	-51.40	-18.23	-15.51	-34.51	6.34	2.79	2.87	6.27	-0.50
		151	64.06	22.66	-37.85	-20.43	5.24	-27.40	2.63	-1.04	-1.03	2.62	-0.14
75	3	153	10.11	1.58	-8.17	-6.22	-0.36	-3.89	0.08	-0.32	-7.27e-03	-0.23	-0.16
		316	11.25	2.37	-5.56	-3.00	-0.19	-3.71	-0.33	-1.37	-0.34	-1.36	0.09
		310	18.89	3.99	-8.77	-3.11	-1.67	-6.34	2.33	1.72	1.73	2.32	0.09
		151	11.15	4.32	-7.24	-3.71	0.79	-5.32	0.23	-0.55	-0.51	0.18	0.18
75	4	153	20.89	4.16	-17.28	-11.99	-1.13	-9.24	0.47	-0.14	-0.14	0.47	0.03
		316	14.64	5.42	-10.23	-4.36	-0.45	-7.58	-0.03	-0.65	-0.04	-0.64	-0.08
		310	29.16	7.87	-21.03	-7.35	-5.82	-14.43	2.42	1.07	1.10	2.39	-0.19
		151	26.25	9.59	-15.82	-8.27	2.05	-11.61	0.99	-0.40	-0.40	0.99	-0.05
76	1	151	24.51	4.08	-9.27	-4.69	-0.50	-6.34	1.06	-2.07	-1.50	0.48	1.21
		310	39.24	6.80	-8.60	-1.87	0.07	-7.64	5.92	3.31	4.64	4.60	1.30
		95	18.24	5.44	-8.65	-1.96	-1.25	-7.04	-0.61	-1.87	-0.76	-1.73	0.40
		145	32.90	7.93	-8.67	-0.74	-3.65e-03	-8.29	2.87	-0.56	0.96	1.35	1.70
76	2	151	56.41	14.88	-42.00	-19.44	-7.67	-27.83	2.86	-0.21	-0.21	2.86	-0.14
		310	66.24	35.02	-38.27	-5.91	2.67	-36.39	3.29	1.16	1.16	3.28	0.13
		95	60.02	17.63	-43.24	-17.99	-7.62	-29.99	-0.60	-1.89	-0.76	-1.73	-0.42
		145	69.92	32.16	-36.45	-4.05	-0.25	-34.25	1.66	-0.39	0.39	0.89	-0.99
76	3	151	13.28	3.43	-7.62	-3.34	-0.85	-5.39	0.50	-0.59	-0.47	0.37	0.35
		310	18.67	6.14	-7.34	-1.35	0.16	-6.70	1.97	1.16	1.49	1.65	0.40
		95	11.29	4.50	-7.10	-1.61	-0.99	-5.79	-0.27	-0.68	-0.29	-0.66	0.08
		145	15.98	6.57	-6.51	0.09	-0.03	-6.54	0.83	-0.04	0.32	0.47	0.43
76	4	151	23.35	6.65	-17.33	-7.71	-2.97	-11.75	1.08	-0.09	-0.08	1.08	-0.05
		310	27.59	14.50	-16.13	-2.55	0.93	-15.22	1.26	0.45	0.46	1.26	0.05
		95	24.65	8.10	-17.33	-6.36	-2.87	-12.59	-0.23	-0.72	-0.29	-0.66	-0.16
		145	28.56	13.75	-14.73	-0.89	-0.10	-14.23	0.63	-0.14	0.15	0.34	-0.37
77	1	119	98.98	7.60	-89.73	-78.22	-3.90	-31.42	0.25	-1.14	0.18	-1.07	0.29
		120	97.02	8.71	-84.69	-72.01	-3.97	-32.00	0.17	-1.83	-0.01	-1.64	0.58
		123	80.94	16.49	-64.92	-45.01	-3.43	-35.00	-0.07	-2.53	-0.08	-2.52	0.19
		324	75.64	15.41	-63.47	-44.96	-3.10	-33.43	0.67	-1.32	0.64	-1.29	-0.22
77	2	119	209.39	10.70	-202.30	-181.28	-10.32	-63.52	0.93	0.13	0.42	0.64	-0.39
		120	198.42	10.48	-190.76	-170.32	-9.96	-60.78	1.14	0.25	0.40	0.99	-0.33
		123	157.08	21.61	-142.90	-109.75	-11.53	-65.99	2.21	0.84	0.88	2.17	-0.23
		324	156.94	21.53	-142.81	-109.07	-12.21	-66.39	2.01	0.66	0.69	1.99	-0.18
77	3	119	49.81	3.12	-46.77	-41.69	-1.97	-15.10	0.09	-0.28	0.09	-0.27	0.06
		120	48.07	3.43	-44.28	-38.90	-1.95	-15.09	0.07	-0.46	0.03	-0.41	0.15
		123	38.65	6.67	-33.27	-24.69	-1.91	-16.40	0.04	-0.58	0.04	-0.58	0.04
		324	37.15	6.33	-32.77	-24.56	-1.88	-15.92	0.25	-0.25	0.24	-0.23	-0.08
77	4	119	82.83	4.07	-80.16	-72.22	-3.87	-24.61	0.35	0.05	0.15	0.24	-0.14
		120	78.67	4.01	-75.77	-68.03	-3.73	-23.62	0.42	0.09	0.15	0.37	-0.12
		123	61.81	8.25	-56.43	-43.87	-4.32	-25.59	0.82	0.31	0.33	0.81	-0.08
		324	61.65	8.17	-56.31	-43.56	-4.58	-25.69	0.75	0.25	0.26	0.74	-0.07
78	1	121	113.51	2.75	-107.64	-103.76	-1.14	-20.35	0.27	-1.32	-0.12	-0.93	0.68
		317	103.94	3.76	-96.65	-91.76	-1.13	-21.62	0.41	-1.79	-0.38	-1.00	1.05
		124	96.04	9.49	-79.85	-69.73	-0.64	-28.32	-0.09	-3.00	-0.47	-2.63	0.97
		120	96.91	8.57	-84.78	-76.06	-0.14	-27.16	0.12	-1.86	-0.04	-1.70	0.54
78	2	121	247.03	3.78	-244.55	-238.61	-2.17	-37.96	0.16	-0.54	-0.08	-0.30	-0.33
		317	226.94	4.32	-224.61	-218.30	-1.99	-37.47	0.11	-0.48	-0.05	-0.33	-0.26
		124	186.68	9.81	-180.30	-167.18	-3.31	-48.18	1.28	0.50	0.55	1.23	-0.20
		120	198.80	10.48	-191.11	-178.00	-2.62	-49.70	1.15	0.22	0.38	0.99	-0.35
78	3	121	58.51	1.10	-56.78	-55.21	-0.47	-9.40	0.05	-0.39	-0.04	-0.30	0.18
		317	53.83	1.45	-51.77	-49.88	-0.44	-9.84	0.09	-0.53	-0.12	-0.32	0.29
		124	46.63	3.51	-41.92	-38.01	-0.39	-12.73	0.01	-0.79	-0.10	-0.69	0.27
		120	48.00	3.33	-44.32	-40.80	-0.19	-12.46	0.05	-0.47	0.02	-0.43	0.13
78	4	121	98.31	1.44	-97.38	-95.17	-0.77	-14.62	0.06	-0.20	-0.03	-0.11	-0.12
		317	90.65	1.68	-89.75	-87.38	-0.69	-14.54	0.04	-0.18	-0.02	-0.12	-0.10
		124	74.20	3.73	-71.80	-66.89	-1.18	-18.62	0.48	0.19	0.21	0.46	-0.07
		120	78.77	3.97	-75.89	-71.00	-0.92	-19.14	0.43	0.08	0.14	0.37	-0.13
79	1	120	97.22	8.62	-85.04	-72.26	-4.15	-32.15	0.02	-2.04	-0.18	-1.84	0.61
		124	96.51	9.61	-79.65	-65.46	-4.58	-32.64	0.08	-2.91	-0.46	-2.37	1.15
		325	83.76	16.54	-65.32	-44.14	-4.65	-35.85	-0.99	-4.58	-1.01	-4.57	0.25



		123	79.82	16.26	-64.14	-44.65	-3.24	-34.46	0.21	-2.11	0.20	-2.10	0.15
79	2	120	199.35	10.59	-191.62	-170.81	-10.22	-61.44	1.22	0.30	0.44	1.08	-0.33
		124	186.55	9.82	-179.82	-159.61	-10.39	-58.52	1.24	0.39	0.56	1.06	-0.34
		325	152.77	18.87	-141.12	-109.12	-13.13	-64.00	3.19	1.31	1.31	3.19	0.04
		123	154.36	20.72	-141.09	-109.20	-11.16	-64.36	1.98	0.76	0.79	1.95	-0.19
79	3	120	48.14	3.38	-44.43	-39.01	-2.03	-15.15	0.03	-0.51	-0.02	-0.46	0.16
		124	46.72	3.58	-41.81	-36.05	-2.18	-15.11	0.05	-0.77	-0.09	-0.62	0.31
		325	38.98	6.42	-33.26	-24.43	-2.41	-16.50	-0.19	-1.12	-0.20	-1.11	0.08
		123	38.15	6.49	-32.85	-24.53	-1.84	-16.07	0.12	-0.48	0.12	-0.48	0.03
79	4	120	78.98	4.03	-76.07	-68.21	-3.83	-23.83	0.45	0.11	0.16	0.40	-0.12
		124	74.16	3.76	-71.61	-63.94	-3.91	-22.78	0.46	0.15	0.21	0.40	-0.13
		325	60.18	7.21	-55.81	-43.68	-4.92	-24.84	1.19	0.49	0.49	1.19	0.01
		123	60.74	7.87	-55.72	-43.66	-4.18	-24.93	0.74	0.28	0.29	0.73	-0.07
80	1	126	66.67	31.68	-26.48	5.93	-0.73	-28.89	4.02	0.93	3.48	1.47	-1.18
		308	77.46	32.92	-36.60	-0.70	-2.98	-34.74	0.05	-3.19	-1.13	-2.02	-1.56
		177	81.62	45.78	-17.48	29.75	-1.45	-27.51	3.34	-1.85	0.77	0.71	-2.59
		102	62.53	50.06	-10.57	36.05	3.44	-25.56	0.58	-1.08	-0.28	-0.22	-0.83
80	2	126	85.87	50.41	-45.17	5.68	-0.44	-47.69	2.32	0.36	0.38	2.31	0.16
		308	122.25	52.44	-83.16	-15.43	-15.30	-67.80	2.99	0.63	0.64	2.98	0.13
		177	117.53	88.21	-32.79	58.14	-2.71	-52.29	1.41	-0.68	0.27	0.45	1.04
		102	103.51	83.14	-25.41	56.42	1.31	-46.76	-0.40	-1.67	-0.71	-1.36	0.55
80	3	126	27.21	13.98	-12.37	1.92	-0.32	-13.13	1.24	0.43	1.06	0.61	-0.34
		308	33.51	14.61	-18.39	-1.75	-2.03	-16.50	0.12	-0.78	-0.29	-0.37	-0.45
		177	33.60	22.00	-8.17	14.52	-0.69	-13.03	0.94	-0.44	0.25	0.25	-0.69
		102	27.61	23.04	-5.30	16.47	1.28	-11.97	0.05	-0.36	-0.14	-0.17	-0.20
80	4	126	33.55	19.54	-17.92	1.85	-0.23	-18.70	0.86	0.13	0.14	0.86	0.06
		308	47.30	20.40	-32.20	-6.11	-5.68	-26.30	1.11	0.23	0.24	1.11	0.05
		177	45.76	34.57	-12.71	22.93	-1.07	-20.37	0.53	-0.25	0.10	0.17	0.39
		102	40.53	32.84	-9.69	22.50	0.65	-18.25	-0.15	-0.62	-0.27	-0.50	0.20
81	1	123	82.55	16.60	-66.55	-43.23	-6.73	-37.35	-0.88	-3.41	-0.94	-3.35	0.38
		325	87.08	16.80	-63.22	-40.63	-5.79	-36.02	0.78	-3.15	0.63	-3.00	0.75
		129	106.73	30.69	-46.77	-5.20	-10.88	-38.62	-3.37	-9.55	-4.66	-8.26	-2.51
		308	70.24	32.93	-33.46	-0.60	0.08	-33.19	1.93	-1.71	1.58	-1.36	-1.08
81	2	123	165.65	21.35	-148.39	-107.74	-19.30	-72.44	3.86	1.32	1.47	3.71	-0.60
		325	146.84	18.60	-133.54	-100.90	-14.04	-62.46	1.44	0.37	0.64	1.18	-0.46
		129	157.62	50.16	-105.88	-18.68	-37.05	-77.47	8.68	5.15	5.18	8.65	0.31
		308	112.43	55.29	-69.32	-13.29	-0.75	-61.99	2.55	-1.06	-1.01	2.50	0.41
81	3	123	39.00	6.67	-34.10	-23.91	-3.52	-17.65	-0.16	-0.72	-0.17	-0.71	0.07
		325	39.55	6.50	-32.04	-22.68	-2.85	-16.52	0.27	-0.83	0.23	-0.80	0.19
		129	41.93	13.64	-23.18	-3.43	-6.12	-18.36	-0.57	-2.22	-0.99	-1.79	-0.72
		308	29.99	14.73	-16.40	-1.59	-0.09	-15.55	0.51	-0.33	0.39	-0.21	-0.29
81	4	123	64.92	8.13	-58.41	-43.03	-7.25	-28.05	1.44	0.49	0.55	1.38	-0.23
		325	58.03	7.15	-52.98	-40.54	-5.30	-24.36	0.54	0.14	0.24	0.44	-0.17
		129	60.28	19.40	-40.69	-7.42	-13.87	-29.87	3.23	1.92	1.93	3.22	0.12
		308	43.57	21.37	-27.05	-5.35	-0.33	-24.08	0.95	-0.39	-0.38	0.93	0.15
82	1	308	79.87	28.85	-35.38	-0.99	-5.54	-32.03	2.64	-3.08	1.90	-2.34	-1.92
		129	103.42	38.91	-40.98	-3.55	1.48	-39.87	-2.50	-8.07	-5.30	-5.27	-2.79
		101	66.81	37.15	-21.76	16.65	-1.26	-28.06	3.22	0.33	1.41	2.14	-1.40
		177	83.21	48.88	-18.06	30.84	-0.02	-29.70	2.61	-3.06	-0.99	0.53	-2.73
82	2	308	118.02	42.67	-76.14	-15.47	-18.00	-59.39	3.36	-0.78	-0.50	3.09	1.03
		129	157.27	77.81	-86.44	-11.25	2.61	-81.83	5.96	3.23	3.90	5.28	1.17
		101	105.88	70.06	-49.43	26.20	-5.57	-57.60	-1.25	-2.44	-1.27	-2.42	0.16
		177	125.77	95.83	-37.55	59.51	-1.23	-59.38	1.60	-0.23	0.84	0.53	0.90
82	3	308	31.68	12.55	-17.38	-1.83	-3.00	-14.96	0.73	-0.66	0.53	-0.46	-0.49
		129	41.72	18.25	-20.10	-2.40	0.56	-19.12	-0.48	-1.96	-1.28	-1.16	-0.74
		101	29.19	17.96	-10.58	8.08	-0.71	-13.58	0.80	-0.02	0.32	0.45	-0.40
		177	34.90	23.51	-8.71	14.96	-0.16	-14.23	0.75	-0.79	-0.23	0.20	-0.74
82	4	308	45.50	16.66	-29.47	-6.12	-6.69	-23.06	1.25	-0.29	-0.19	1.15	0.38
		129	60.46	29.78	-33.57	-4.68	0.89	-31.56	2.21	1.20	1.45	1.97	0.44
		101	41.20	27.70	-18.78	10.91	-1.98	-22.33	-0.46	-0.91	-0.47	-0.90	0.06
		177	48.85	37.42	-14.49	23.45	-0.51	-23.03	0.59	-0.09	0.31	0.20	0.34
83	1	131	93.14	-9.08	-95.49	-84.19	-20.38	-29.14	0.31	-0.24	0.06	0.01	0.27
		332	104.08	7.27	-96.00	-85.14	-3.59	-31.68	0.50	-0.47	0.48	-0.45	0.13
		334	71.88	14.42	-63.42	-45.05	-3.94	-33.05	0.30	-0.55	0.25	-0.50	-0.20
		326	56.52	3.44	-54.08	-41.06	-9.58	-24.07	0.11	-0.10	0.03	-0.02	-0.10
83	2	131	208.64	-23.19	-215.96	-192.39	-46.77	-63.15	0.56	-0.54	-0.03	0.05	-0.55
		332	226.37	12.60	-216.81	-195.30	-8.91	-66.87	0.74	-0.31	0.12	0.32	-0.52
		334	163.34	25.31	-146.38	-110.27	-10.80	-69.97	1.08	0.19	0.29	0.98	-0.29
		326	127.75	1.37	-125.61	-100.48	-23.77	-50.60	0.12	-0.19	-0.09	0.03	-0.14
83	3	131	47.50	-5.36	-49.67	-44.25	-10.78	-14.52	0.05	-0.03	0.01	6.78e-03	0.04
		332	52.73	3.26	-49.99	-44.96	-1.77	-15.57	0.15	-0.11	0.15	-0.11	-1.84e-03
		334	36.83	6.28	-33.10	-24.63	-2.20	-16.18	0.13	-0.11	0.10	-0.07	-0.08
		326	28.92	0.64	-28.31	-22.38	-5.29	-11.68	0.04	-0.04	2.13e-03	-2.73e-03	-0.04
83	4	131	82.23	-9.54	-85.37	-76.30	-18.60	-24.60	0.21	-0.20	-9.31e-03	0.02	-0.20
		332	89.42	4.85	-85.79	-77.60	-3.34	-25.99	0.28	-0.11	0.04	0.12	-0.19
		334	64.05	9.53	-57.71	-43.95	-4.23	-27.12	0.40	0.07	0.11	0.37	-0.11
		326	50.08	0.04	-49.53	-39.99	-9.49	-19.54	0.04	-0.07	-0.04	0.01	-0.05



84	1	333	135.13	3.67e-03	-131.62	-128.89	-2.73	-18.77	0.55	-0.22	0.43	-0.10	0.28
		318	122.20	3.11	-116.44	-113.42	0.10	-18.75	0.41	-0.70	0.25	-0.54	0.40
		119	99.60	7.54	-90.56	-82.89	-0.13	-26.34	0.27	-1.06	0.25	-1.04	0.17
		332	100.30	5.77	-93.78	-87.26	-0.75	-24.64	0.44	-0.39	0.44	-0.39	0.02
84	2	333	294.65	-0.63	-293.15	-287.72	-6.05	-39.47	0.38	-0.62	-0.14	-0.10	-0.50
		318	265.17	5.56	-261.25	-256.03	0.34	-36.95	0.27	-0.65	-0.12	-0.26	-0.45
		119	212.12	10.75	-204.30	-190.94	-2.60	-51.91	1.00	0.07	0.31	0.76	-0.41
		332	220.07	9.53	-212.13	-199.56	-3.05	-51.27	0.79	-0.33	0.07	0.40	-0.53
84	3	333	69.04	-0.09	-68.20	-66.96	-1.33	-9.09	0.13	-0.05	0.12	-0.04	0.04
		318	62.71	1.46	-60.85	-59.55	0.16	-8.89	0.09	-0.20	0.07	-0.18	0.08
		119	50.17	3.10	-47.25	-43.97	-0.19	-12.43	0.10	-0.25	0.10	-0.25	0.02
		332	50.93	2.42	-48.85	-45.95	-0.49	-11.86	0.14	-0.09	0.14	-0.08	-0.04
84	4	333	116.58	-0.28	-116.06	-114.02	-2.31	-15.22	0.14	-0.23	-0.05	-0.04	-0.19
		318	105.28	2.20	-103.77	-101.81	0.24	-14.29	0.10	-0.24	-0.04	-0.10	-0.17
		119	83.91	4.08	-80.98	-75.98	-0.92	-20.00	0.37	0.02	0.11	0.28	-0.15
		332	86.86	3.55	-83.93	-79.22	-1.17	-19.75	0.29	-0.12	0.02	0.15	-0.20
85	1	332	101.76	5.18	-95.66	-85.06	-5.42	-30.92	0.39	-0.44	0.38	-0.43	0.09
		119	98.93	8.15	-89.24	-77.89	-3.21	-31.26	0.35	-1.05	0.31	-1.01	0.23
		324	75.84	15.87	-64.50	-45.42	-3.21	-34.20	0.39	-1.36	0.36	-1.33	-0.23
		334	70.29	14.07	-61.99	-44.16	-3.76	-32.22	0.42	-0.54	0.35	-0.48	-0.24
85	2	332	223.66	7.98	-216.58	-195.44	-13.16	-65.58	0.81	-0.23	0.14	0.44	-0.50
		119	209.95	12.08	-201.11	-180.40	-8.63	-63.13	0.97	-0.06	0.33	0.59	-0.50
		324	159.44	23.21	-146.06	-110.23	-12.62	-69.14	1.98	0.96	0.96	1.98	-0.05
		334	159.23	24.80	-142.63	-107.34	-10.49	-68.29	0.89	0.10	0.27	0.72	-0.32
85	3	332	51.70	2.11	-49.82	-44.94	-2.78	-15.16	0.12	-0.09	0.12	-0.09	-0.01
		119	49.74	3.44	-46.55	-41.51	-1.60	-15.05	0.12	-0.26	0.12	-0.25	0.03
		324	37.77	6.65	-33.39	-24.81	-1.93	-16.43	0.19	-0.26	0.18	-0.25	-0.07
		334	35.88	6.10	-32.27	-24.09	-2.08	-15.72	0.16	-0.12	0.13	-0.09	-0.10
85	4	332	88.27	2.95	-85.66	-77.64	-5.07	-25.43	0.30	-0.08	0.05	0.16	-0.18
		119	83.06	4.64	-79.72	-71.88	-3.20	-24.49	0.36	-0.02	0.12	0.22	-0.19
		324	62.64	8.85	-57.58	-44.01	-4.72	-26.78	0.74	0.36	0.36	0.74	-0.02
		334	62.37	9.30	-56.19	-42.81	-4.08	-26.40	0.33	0.04	0.10	0.27	-0.12
86	1	335	48.62	31.59	-18.39	9.80	3.40	-24.78	0.56	-0.36	0.18	0.02	-0.46
		336	65.51	40.54	-27.26	15.20	-1.93	-32.80	0.49	-0.77	-0.05	-0.23	-0.63
		127	63.50	50.96	-13.80	44.18	-7.02	-19.83	0.91	-0.23	0.36	0.32	-0.57
		93	81.24	79.36	-0.43	67.08	11.85	-28.80	0.27	-0.64	-0.31	-0.07	-0.44
86	2	335	95.35	57.53	-43.80	10.06	3.66	-50.57	0.58	-0.82	-0.18	-0.06	0.70
		336	130.48	78.38	-62.39	20.16	-4.16	-69.32	1.60	-0.10	0.39	1.11	0.77
		127	127.34	99.80	-30.86	86.12	-17.18	-40.00	0.98	-1.20	-0.40	0.18	1.06
		93	166.23	161.71	-0.16	136.85	24.70	-58.36	1.27	-0.64	0.47	0.16	0.94
86	3	335	21.61	14.30	-9.47	3.58	1.25	-11.83	0.11	-0.06	0.04	1.87e-03	-0.08
		336	29.85	18.99	-13.85	6.08	-0.95	-16.04	0.14	-0.11	0.01	0.02	-0.13
		127	29.16	24.51	-6.84	21.26	-3.59	-9.56	0.18	3.15e-03	0.08	0.11	-0.09
		93	38.50	38.34	-0.04	32.52	5.78	-13.77	0.03	-0.10	-0.06	-7.75e-03	-0.06
86	4	335	36.59	22.00	-17.01	3.66	1.33	-19.47	0.22	-0.31	-0.07	-0.02	0.26
		336	50.37	30.22	-24.27	7.55	-1.61	-26.86	0.59	-0.04	0.14	0.41	0.29
		127	49.44	38.98	-11.89	33.69	-6.60	-15.53	0.37	-0.45	-0.15	0.07	0.39
		93	64.36	62.74	0.04	53.19	9.59	-22.53	0.47	-0.24	0.18	0.06	0.35
87	1	334	73.27	14.23	-63.53	-42.94	-6.36	-34.31	0.28	-0.59	0.16	-0.47	-0.30
		324	76.38	16.38	-63.24	-42.05	-4.81	-35.19	0.81	-1.38	0.79	-1.36	-0.19
		126	73.88	33.26	-36.08	4.34	-7.17	-34.19	0.94	-1.72	-0.02	-0.76	-1.28
		336	57.88	35.92	-25.40	11.08	-0.57	-30.10	0.46	-0.45	0.22	-0.21	-0.40
87	2	334	165.97	24.35	-149.47	-106.61	-18.51	-74.92	1.84	0.66	0.86	1.65	-0.44
		324	156.09	24.54	-139.44	-101.00	-13.90	-69.47	1.04	0.17	0.38	0.83	-0.37
		126	150.69	58.66	-97.03	-3.33	-35.03	-76.21	5.56	3.31	3.51	5.36	0.64
		336	115.51	69.34	-55.57	11.06	2.71	-62.31	0.81	-1.22	-1.02	0.61	0.60
87	3	334	37.33	6.14	-33.26	-23.61	-3.50	-16.94	0.19	-0.09	0.11	-0.01	-0.12
		324	37.31	6.94	-32.48	-23.01	-2.53	-16.84	0.27	-0.35	0.26	-0.34	-0.08
		126	33.19	15.11	-19.23	0.76	-4.87	-16.94	0.55	-0.11	0.26	0.18	-0.33
		336	26.35	16.71	-12.75	4.03	-0.07	-14.58	0.06	-0.09	-0.01	-0.02	-0.07
87	4	334	64.89	9.16	-58.73	-42.47	-7.10	-28.97	0.69	0.25	0.32	0.61	-0.17
		324	61.40	9.39	-55.09	-40.47	-5.23	-27.00	0.39	0.06	0.14	0.31	-0.14
		126	57.73	22.64	-37.28	-1.52	-13.12	-29.39	2.07	1.23	1.30	1.99	0.24
		336	44.58	26.64	-21.72	4.02	0.90	-24.13	0.30	-0.45	-0.38	0.23	0.22
88	1	336	57.92	32.39	-26.32	10.83	-4.76	-28.30	0.88	-0.59	0.64	-0.35	-0.55
		126	72.55	38.06	-33.15	5.01	-0.10	-35.51	0.40	-1.72	-0.77	-0.55	-1.05
		102	61.14	47.50	-12.63	33.92	0.96	-25.15	0.90	-0.43	0.26	0.20	-0.67
		127	69.36	58.48	-11.27	47.61	-0.40	-25.30	0.89	-0.80	-0.21	0.30	-0.81
88	2	336	115.48	54.98	-64.55	8.41	-17.98	-58.29	1.48	-1.21	-0.85	1.11	0.92
		126	152.51	82.57	-77.83	3.47	1.28	-80.19	4.70	2.24	3.19	3.75	1.19
		102	112.02	85.30	-36.41	52.50	-3.61	-54.01	-0.53	-1.70	-0.72	-1.51	0.43
		127	140.09	118.67	-22.54	96.33	-0.20	-51.53	1.96	-0.82	0.63	0.50	1.39
88	3	336	25.51	14.54	-13.62	3.78	-2.86	-13.68	0.17	-0.06	0.13	-0.02	-0.09
		126	32.98	18.44	-16.97	1.46	0.01	-17.69	0.30	-0.16	0.01	0.12	-0.22
		102	27.98	22.34	-6.78	15.47	0.09	-12.36	0.16	-0.18	0.03	-0.05	-0.17
		127	32.02	28.36	-5.38	23.12	-0.15	-12.21	0.21	-0.10	-0.02	0.13	-0.13
88	4	336	44.42	21.24	-24.95	3.06	-6.77	-22.57	0.55	-0.45	-0.32	0.41	0.34



		126	58.63	31.64	-30.22	1.00	0.42	-30.93	1.75	0.83	1.18	1.39	0.44
		102	43.59	33.54	-13.83	20.98	-1.26	-20.91	-0.20	-0.63	-0.27	-0.56	0.16
		127	54.33	46.19	-8.72	37.56	-0.09	-19.99	0.73	-0.31	0.23	0.19	0.52
89	1	124	96.14	9.52	-79.90	-65.66	-4.71	-32.72	-0.19	-3.15	-0.74	-2.60	1.15
		338	94.27	10.35	-73.60	-58.16	-5.09	-32.53	-0.22	-4.03	-1.12	-3.13	1.62
		341	96.99	17.09	-64.94	-42.47	-5.38	-36.58	-1.41	-6.85	-1.91	-6.34	1.58
		325	86.66	16.04	-64.22	-44.00	-4.18	-34.85	-0.02	-4.50	-0.04	-4.48	0.35
89	2	124	185.50	9.83	-179.93	-159.67	-10.42	-58.59	1.15	0.56	0.61	1.09	-0.17
		338	175.53	9.62	-168.82	-149.50	-9.70	-55.44	1.46	0.50	0.53	1.43	-0.17
		341	148.90	18.95	-136.14	-106.54	-10.66	-60.95	2.71	1.01	1.02	2.69	-0.17
		325	150.91	16.82	-138.82	-108.96	-13.04	-61.28	3.21	1.12	1.13	3.19	-0.18
89	3	124	46.63	3.53	-41.86	-36.11	-2.22	-15.10	-0.01	-0.85	-0.17	-0.69	0.33
		338	44.72	3.71	-39.02	-33.02	-2.29	-14.84	-0.02	-1.09	-0.29	-0.82	0.47
		341	41.95	6.53	-32.76	-23.79	-2.44	-16.49	-0.33	-1.83	-0.49	-1.68	0.45
		325	39.40	6.08	-32.72	-24.37	-2.27	-15.94	0.08	-1.09	0.07	-1.08	0.09
89	4	124	73.74	3.74	-71.62	-63.97	-3.91	-22.77	0.43	0.21	0.23	0.41	-0.06
		338	69.98	3.68	-67.42	-60.09	-3.66	-21.63	0.54	0.19	0.20	0.53	-0.06
		341	58.86	7.24	-54.01	-42.77	-4.01	-23.71	1.01	0.37	0.38	1.00	-0.06
		325	59.50	6.41	-54.92	-43.62	-4.89	-23.78	1.19	0.41	0.42	1.19	-0.07
90	1	339	93.54	4.62	-84.69	-78.83	-1.24	-22.12	0.82	-1.90	-0.44	-0.63	1.36
		319	81.76	5.68	-72.19	-65.33	-1.18	-22.07	1.54	-1.48	-0.32	0.38	1.47
		342	88.07	10.26	-66.58	-54.28	-2.04	-28.18	-1.03	-5.09	-1.91	-4.21	1.68
		338	95.98	10.33	-73.78	-62.39	-1.07	-28.79	-0.10	-4.29	-1.03	-3.36	1.74
90	2	339	207.57	4.40	-204.87	-198.43	-2.03	-36.13	0.09	-0.31	0.03	-0.25	-0.14
		319	188.58	4.81	-185.58	-178.81	-1.95	-35.24	0.05	-0.27	0.03	-0.24	-0.08
		342	162.71	9.53	-157.07	-144.47	-3.07	-44.04	1.51	0.67	0.68	1.50	-0.04
		338	175.72	9.82	-168.87	-156.25	-2.80	-45.77	1.39	0.48	0.51	1.36	-0.16
90	3	339	48.69	1.61	-46.39	-44.30	-0.49	-9.82	0.23	-0.56	-0.13	-0.21	0.39
		319	43.23	1.94	-40.94	-38.55	-0.45	-9.83	0.44	-0.44	-0.09	0.09	0.43
		342	41.48	3.58	-35.88	-31.50	-0.79	-12.39	-0.24	-1.41	-0.51	-1.13	0.49
		338	45.07	3.67	-39.06	-34.90	-0.49	-12.66	0.01	-1.17	-0.27	-0.89	0.50
90	4	339	83.15	1.67	-82.13	-79.73	-0.73	-13.97	0.03	-0.11	0.01	-0.09	-0.05
		319	75.88	1.87	-74.73	-72.18	-0.68	-13.73	0.02	-0.10	0.01	-0.09	-0.03
		342	65.09	3.63	-62.95	-58.23	-1.10	-17.09	0.56	0.25	0.25	0.56	-0.02
		338	70.00	3.71	-67.42	-62.71	-1.00	-17.70	0.52	0.18	0.19	0.51	-0.06
91	1	338	95.76	10.37	-74.20	-58.62	-5.20	-32.78	-0.46	-4.50	-1.27	-3.70	1.61
		342	89.39	10.36	-66.18	-49.88	-5.94	-31.34	-0.57	-5.00	-2.05	-3.53	2.09
		327	90.51	14.80	-62.34	-39.50	-8.04	-35.22	-4.39	-10.25	-4.46	-10.18	0.61
		341	91.13	16.68	-63.12	-41.42	-5.02	-35.51	-0.94	-5.38	-1.51	-4.81	1.49
91	2	338	176.06	10.12	-169.10	-149.46	-9.51	-55.98	1.47	0.50	0.52	1.45	-0.15
		342	162.70	9.37	-156.79	-137.73	-9.69	-52.95	1.45	0.64	0.69	1.39	-0.20
		327	142.93	16.73	-132.28	-103.74	-11.80	-58.63	3.73	1.36	1.37	3.73	0.11
		341	145.74	17.36	-134.60	-106.48	-10.76	-59.01	2.55	0.99	1.00	2.55	-0.10
91	3	338	45.13	3.73	-39.19	-33.15	-2.31	-14.92	-0.09	-1.23	-0.34	-0.99	0.47
		342	41.73	3.61	-35.73	-29.56	-2.55	-14.30	-0.11	-1.38	-0.55	-0.94	0.60
		327	38.51	5.61	-31.67	-22.74	-3.33	-15.91	-1.19	-2.76	-1.22	-2.73	0.19
		341	40.20	6.23	-32.05	-23.47	-2.35	-15.97	-0.19	-1.41	-0.37	-1.23	0.43
91	4	338	70.13	3.85	-67.50	-60.07	-3.58	-21.80	0.55	0.19	0.20	0.54	-0.06
		342	65.08	3.58	-62.84	-55.60	-3.66	-20.70	0.54	0.24	0.26	0.52	-0.08
		327	56.58	6.40	-52.61	-41.77	-4.44	-22.85	1.39	0.51	0.51	1.39	0.04
		341	57.63	6.60	-53.40	-42.75	-4.05	-22.93	0.95	0.37	0.37	0.95	-0.04
92	1	129	75.69	29.00	-30.19	-2.17	0.99	-29.55	5.80	-0.71	5.27	-0.18	-1.78
		344	96.25	29.53	-45.63	-11.15	-4.95	-37.45	-2.36	-8.54	-3.04	-7.86	-1.93
		159	107.48	36.26	-22.21	14.53	-0.48	-28.26	5.73	-5.25	0.55	-0.06	-5.48
		101	69.97	38.63	-19.00	19.10	0.53	-27.28	2.91	-0.88	0.77	1.27	-1.88
92	2	129	88.68	43.63	-49.54	-8.93	3.02	-46.20	4.46	1.98	2.05	4.39	-0.40
		344	122.43	44.27	-88.84	-27.79	-16.78	-66.33	4.13	0.27	0.31	4.10	-0.35
		159	106.14	76.92	-37.79	39.58	-0.45	-53.75	1.17	0.04	0.58	0.63	0.56
		101	96.58	66.44	-38.76	30.53	-2.85	-49.88	-1.05	-2.41	-1.18	-2.27	0.40
92	3	129	29.73	12.62	-13.94	-1.78	0.45	-13.23	1.91	0.09	1.72	0.28	-0.56
		344	38.45	12.94	-21.63	-5.95	-2.74	-17.21	-0.62	-2.28	-0.88	-2.02	-0.60
		159	40.84	18.19	-10.00	8.40	-0.22	-13.42	1.70	-1.47	0.21	0.03	-1.58
		101	29.15	18.19	-8.91	9.21	0.07	-12.76	0.70	-0.36	0.14	0.20	-0.53
92	4	129	34.64	16.96	-19.69	-3.78	1.05	-18.17	1.66	0.74	0.76	1.63	-0.15
		344	47.52	17.31	-34.44	-10.89	-6.24	-25.77	1.54	0.10	0.11	1.53	-0.13
		159	41.47	30.26	-14.65	15.82	-0.21	-20.97	0.44	0.02	0.22	0.24	0.21
		101	37.80	26.43	-14.77	12.59	-0.93	-19.46	-0.39	-0.90	-0.44	-0.85	0.15
93	1	341	115.61	17.07	-69.04	-41.42	-10.55	-40.19	-3.52	-11.61	-4.63	-10.51	2.78
		327	89.78	14.95	-56.50	-34.09	-7.46	-33.15	0.51	-4.79	-1.12	-3.15	2.45
		110	202.60	25.36	-64.93	-14.64	-24.93	-44.85	-17.97	-29.70	-18.44	-29.23	-2.30
		344	89.04	31.58	-38.90	-10.37	3.05	-34.59	4.90	-5.98	4.60	-5.68	-1.77
93	2	341	159.22	18.38	-141.73	-105.32	-18.02	-67.11	4.93	1.50	1.61	4.81	-0.62
		327	137.30	16.29	-125.05	-96.12	-12.64	-57.02	1.65	0.45	0.77	1.33	-0.54
		110	155.82	44.09	-106.39	-26.79	-35.51	-75.12	10.41	5.81	5.81	10.41	-2.50e-03
		344	112.44	48.90	-74.54	-24.95	-0.70	-60.52	3.54	-1.13	-1.13	3.53	0.19
93	3	341	46.18	6.43	-34.30	-23.30	-4.58	-18.09	-0.92	-3.08	-1.25	-2.75	0.78
		327	38.93	5.66	-29.39	-20.47	-3.26	-15.26	0.19	-1.29	-0.27	-0.83	0.68



		110	65.51	11.55	-28.69	-6.97	-10.18	-20.06	-4.87	-8.03	-5.02	-7.87	-0.68
		344	34.00	13.81	-18.55	-5.53	0.79	-15.87	1.37	-1.51	1.28	-1.42	-0.51
93	4	341	62.62	7.01	-56.03	-42.23	-6.79	-26.06	1.84	0.56	0.60	1.79	-0.23
		327	54.56	6.27	-49.91	-38.85	-4.79	-22.34	0.62	0.17	0.29	0.49	-0.20
		110	59.64	17.12	-41.00	-10.57	-13.31	-29.03	3.88	2.16	2.16	3.88	-1.22e-03
		344	43.68	18.94	-29.12	-9.85	-0.32	-23.55	1.32	-0.42	-0.42	1.31	0.07
94	1	344	121.06	21.04	-45.63	-12.44	-12.16	-33.33	4.74	-9.66	3.40	-8.32	-4.18
		110	168.62	46.46	-48.34	-8.49	6.62	-46.79	-11.72	-22.21	-15.60	-18.32	-5.07
		100	76.86	22.43	-37.30	-7.82	-7.05	-29.86	8.54	3.81	4.44	7.91	-1.61
		159	111.62	43.51	-23.82	17.13	2.56	-32.87	3.46	-7.32	-3.11	-0.75	-5.26
94	2	344	116.10	36.48	-80.67	-27.37	-16.82	-58.33	4.33	-0.45	-0.29	4.16	0.88
		110	153.25	71.95	-88.20	-19.21	2.95	-79.31	6.42	3.39	3.82	5.98	1.06
		100	104.63	60.18	-57.70	10.07	-7.59	-58.27	-1.53	-2.88	-1.54	-2.88	-0.06
		159	116.04	84.30	-44.59	40.21	-0.50	-61.15	1.22	0.40	0.93	0.69	0.39
94	3	344	42.48	9.72	-20.89	-6.30	-4.88	-15.29	1.38	-2.54	0.99	-2.15	-1.17
		110	58.96	20.03	-22.53	-4.60	2.10	-21.02	-3.20	-6.11	-4.33	-4.97	-1.42
		100	30.94	12.68	-15.83	-0.56	-2.59	-14.22	2.33	1.00	1.20	2.13	-0.48
		159	42.72	20.90	-11.00	9.23	0.67	-15.36	1.06	-2.08	-0.85	-0.17	-1.53
94	4	344	44.85	14.32	-31.29	-10.72	-6.26	-22.70	1.61	-0.17	-0.11	1.55	0.33
		110	59.05	27.58	-34.35	-7.78	1.01	-30.65	2.39	1.26	1.42	2.23	0.39
		100	40.66	23.94	-21.95	4.74	-2.75	-22.64	-0.57	-1.07	-0.57	-1.07	-0.02
		159	45.17	33.02	-17.18	16.07	-0.23	-23.74	0.45	0.15	0.35	0.26	0.14
95	1	342	85.16	10.05	-66.34	-50.24	-6.05	-31.16	-1.28	-4.85	-2.21	-3.93	1.56
		111	79.59	9.87	-57.50	-41.97	-5.67	-28.38	-1.11	-5.18	-2.18	-4.11	1.79
		113	96.97	14.33	-57.16	-35.68	-7.15	-32.78	-3.29	-10.16	-4.07	-9.38	2.18
		327	97.59	13.45	-59.90	-39.13	-7.32	-33.05	-2.75	-10.34	-3.02	-10.07	1.39
95	2	342	161.92	9.37	-156.61	-137.67	-9.57	-52.78	1.40	0.69	0.69	1.40	-7.87e-03
		111	151.18	9.59	-144.71	-126.50	-8.62	-49.78	1.59	0.56	0.57	1.58	-0.09
		113	136.67	17.13	-124.88	-98.43	-9.32	-55.28	2.71	0.97	0.98	2.70	-0.13
		327	141.64	14.45	-129.99	-103.61	-11.92	-55.80	3.77	1.27	1.29	3.75	-0.20
95	3	342	40.67	3.50	-35.73	-29.66	-2.57	-14.19	-0.32	-1.34	-0.60	-1.06	0.46
		111	37.73	3.46	-32.10	-26.25	-2.39	-13.18	-0.27	-1.43	-0.60	-1.10	0.52
		113	40.03	5.48	-29.59	-21.23	-2.87	-14.94	-0.89	-2.81	-1.13	-2.57	0.63
		327	40.34	5.01	-30.75	-22.62	-3.13	-14.99	-0.72	-2.78	-0.80	-2.70	0.40
95	4	342	64.74	3.56	-62.74	-55.57	-3.61	-20.60	0.52	0.26	0.26	0.52	-4.18e-03
		111	60.70	3.67	-58.23	-51.30	-3.26	-19.52	0.59	0.21	0.21	0.59	-0.03
		113	54.38	6.55	-49.89	-39.82	-3.52	-21.61	1.01	0.36	0.37	1.01	-0.05
		327	56.13	5.51	-51.72	-41.72	-4.49	-21.73	1.40	0.47	0.48	1.40	-0.07
96	1	112	67.01	6.15	-59.41	-52.12	-1.14	-20.62	1.99	-0.84	-0.21	1.36	1.17
		320	55.80	6.36	-46.98	-39.68	-0.93	-18.33	3.27	0.35	0.42	3.20	0.47
		323	59.14	8.29	-48.25	-36.98	-2.97	-22.58	-2.66	-4.62	-2.97	-4.30	0.72
		111	81.82	9.98	-57.71	-45.74	-1.99	-25.82	-0.76	-5.22	-1.82	-4.15	1.90
96	2	112	170.18	5.07	-166.62	-159.64	-1.91	-33.91	0.13	-0.09	0.13	-0.09	-0.01
		320	151.78	5.65	-147.99	-140.48	-1.86	-33.12	0.09	-0.13	0.09	-0.13	6.58e-03
		323	137.54	9.57	-132.13	-119.76	-2.80	-40.01	1.56	0.71	0.71	1.56	0.02
		111	151.19	9.77	-144.68	-132.55	-2.36	-41.55	1.48	0.52	0.52	1.48	-0.03
96	3	112	36.88	1.98	-35.34	-32.91	-0.46	-9.22	0.58	-0.24	-0.05	0.40	0.35
		320	32.58	2.12	-29.98	-27.49	-0.38	-8.59	0.96	0.11	0.13	0.94	0.14
		323	30.58	2.96	-28.25	-24.24	-1.05	-10.44	-0.72	-1.26	-0.83	-1.16	0.21
		111	38.29	3.46	-32.13	-27.94	-0.74	-11.47	-0.17	-1.45	-0.50	-1.12	0.56
96	4	112	68.69	1.91	-67.36	-64.76	-0.69	-13.16	0.05	-0.03	0.05	-0.03	-5.13e-03
		320	61.63	2.18	-60.19	-57.36	-0.65	-12.98	0.03	-0.05	0.03	-0.05	9.16e-04
		323	55.48	3.65	-53.42	-48.77	-1.00	-15.61	0.58	0.26	0.26	0.58	4.84e-03
		111	60.65	3.69	-58.19	-53.66	-0.85	-16.13	0.55	0.19	0.19	0.55	-0.01
97	1	111	79.05	10.06	-58.06	-42.41	-5.58	-28.65	-1.26	-5.11	-2.00	-4.37	1.52
		323	62.32	8.32	-47.94	-33.45	-6.17	-24.61	-2.14	-4.81	-3.11	-3.84	1.29
		328	99.58	10.09	-50.51	-31.21	-9.22	-28.23	-6.63	-13.93	-6.66	-13.90	-0.44
		113	86.82	13.16	-54.33	-34.40	-6.77	-30.79	-2.96	-8.35	-3.94	-7.37	2.08
97	2	111	151.24	10.05	-144.82	-126.39	-8.38	-50.15	1.52	0.52	0.52	1.52	-0.02
		323	137.74	9.42	-131.97	-113.75	-8.80	-47.37	1.54	0.70	0.72	1.52	-0.14
		328	128.50	15.09	-118.74	-93.17	-10.47	-52.61	3.71	1.25	1.26	3.71	0.14
		113	133.26	15.39	-123.26	-98.38	-9.49	-53.20	2.62	1.01	1.01	2.61	-0.07
97	3	111	37.72	3.53	-32.24	-26.37	-2.34	-13.25	-0.32	-1.41	-0.55	-1.18	0.45
		323	31.21	2.96	-28.14	-22.62	-2.56	-11.88	-0.57	-1.32	-0.87	-1.02	0.37
		328	37.88	4.04	-27.13	-19.51	-3.58	-13.40	-1.87	-3.84	-1.88	-3.84	-0.12
		113	36.98	4.95	-28.58	-20.85	-2.78	-14.13	-0.78	-2.29	-1.09	-1.98	0.61
97	4	111	60.67	3.82	-58.24	-51.25	-3.17	-19.62	0.57	0.19	0.19	0.57	-9.80e-03
		323	55.55	3.60	-53.35	-46.41	-3.34	-18.63	0.58	0.26	0.27	0.57	-0.05
		328	51.36	5.79	-47.61	-37.87	-3.95	-20.62	1.38	0.47	0.47	1.38	0.05
		113	53.05	5.86	-49.25	-39.80	-3.59	-20.77	0.97	0.38	0.38	0.97	-0.03
98	1	110	83.81	23.00	-24.23	-6.90	5.67	-22.77	-1.91	-11.63	-1.91	-11.62	0.13
		105	114.40	20.33	-52.60	-20.87	-11.41	-36.16	-3.36	-16.68	-3.36	-16.68	0.29
		164	99.87	25.87	-24.89	0.09	0.89	-25.38	2.56	-8.01	-1.97	-3.48	-5.23
		100	76.95	20.69	-30.81	-5.27	-4.85	-25.75	8.20	2.49	3.95	6.74	-2.49
98	2	110	93.82	39.32	-52.60	-16.94	3.66	-44.79	5.92	2.91	3.17	5.66	-0.85
		105	123.55	38.89	-88.47	-33.60	-15.98	-63.06	4.79	-0.12	-0.02	4.69	-0.70
		164	96.05	67.63	-41.02	25.95	0.66	-52.83	0.90	0.58	0.77	0.71	0.16



		100	90.78	55.26	-46.01	14.34	-5.09	-49.69	-1.40	-2.85	-1.45	-2.81	0.24
98	3	110	28.36	10.50	-12.54	-3.92	1.88	-11.15	-0.33	-3.01	-0.33	-3.01	-0.03
		105	39.78	9.80	-23.78	-9.39	-4.60	-16.62	-1.00	-4.58	-1.00	-4.58	0.03
		164	38.14	14.25	-11.01	2.96	0.28	-12.56	0.81	-2.30	-0.52	-0.98	-1.54
		100	30.00	11.84	-12.95	0.60	-1.71	-12.34	2.23	0.61	1.06	1.78	-0.72
98	4	110	36.61	15.34	-20.95	-6.89	1.29	-17.68	2.20	1.08	1.18	2.11	-0.32
		105	48.02	15.30	-34.40	-13.16	-5.95	-24.59	1.78	-0.04	-6.67e-03	1.75	-0.26
		164	37.72	26.75	-15.92	10.62	0.21	-20.69	0.34	0.22	0.29	0.27	0.06
		100	35.59	22.18	-17.55	6.41	-1.78	-19.44	-0.53	-1.06	-0.54	-1.05	0.09
99	1	113	147.01	14.31	-63.79	-36.23	-13.25	-37.32	-6.23	-20.47	-7.97	-18.72	4.67
		328	70.84	9.45	-41.06	-24.45	-7.15	-23.72	1.17	-5.07	-3.22	-0.68	2.85
		115	310.00	17.42	-74.72	-21.12	-36.17	-45.45	-32.06	-51.39	-32.08	-51.38	0.50
		105	131.65	25.83	-39.52	-18.56	4.87	-30.50	6.84	-13.55	6.75	-13.45	-1.40
99	2	113	148.12	16.52	-130.35	-97.60	-16.23	-61.14	5.29	1.46	1.57	5.18	-0.63
		328	123.36	14.72	-111.77	-86.08	-10.97	-50.89	1.54	0.30	0.74	1.09	-0.59
		115	149.97	39.14	-103.19	-30.12	-33.92	-71.14	11.26	6.05	6.06	11.25	-0.26
		105	113.85	44.38	-75.06	-30.53	-0.15	-57.76	4.07	-1.23	-1.23	4.07	-3.97e-03
99	3	113	52.57	5.35	-31.84	-21.24	-5.25	-16.79	-1.72	-5.67	-2.24	-5.15	1.34
		328	30.94	3.89	-23.84	-16.89	-3.05	-12.01	0.38	-1.40	-0.90	-0.12	0.80
		115	93.44	8.78	-31.39	-9.22	-13.39	-19.98	-9.04	-14.37	-9.04	-14.36	0.13
		105	42.94	11.74	-18.86	-8.48	1.36	-14.49	1.94	-3.71	1.91	-3.68	-0.41
99	4	113	58.55	6.30	-51.86	-39.42	-6.14	-23.85	1.97	0.54	0.58	1.93	-0.23
		328	49.40	5.68	-45.01	-35.15	-4.18	-20.06	0.57	0.11	0.28	0.41	-0.22
		115	57.51	15.29	-39.90	-11.89	-12.72	-27.59	4.20	2.25	2.26	4.19	-0.10
		105	44.28	17.26	-29.42	-12.03	-0.13	-22.57	1.51	-0.46	-0.46	1.51	-2.05e-03
100	1	105	156.89	8.79	-49.57	-21.72	-19.07	-29.15	4.17	-18.05	2.92	-16.80	-5.11
		115	214.55	51.80	-47.48	-10.48	14.80	-48.00	-20.23	-34.13	-22.91	-31.45	-5.48
		99	99.66	9.46	-48.00	-27.85	-10.69	-27.42	14.41	7.62	7.62	14.41	-0.02
		164	106.88	36.75	-30.86	2.42	3.47	-33.80	-0.51	-9.21	-5.35	-4.37	-4.32
100	2	105	111.30	32.12	-80.94	-33.11	-15.72	-55.86	4.79	-0.28	-0.18	4.69	0.71
		115	145.23	66.57	-85.73	-22.51	3.35	-75.05	6.57	3.36	3.64	6.28	0.92
		99	102.77	51.15	-61.91	-1.80	-8.96	-56.42	-1.62	-3.13	-1.65	-3.10	-0.21
		164	108.10	74.70	-48.02	26.47	0.21	-59.94	0.94	0.76	0.94	0.76	-3.27e-03
100	3	105	51.00	5.75	-22.18	-9.59	-6.84	-13.90	1.22	-4.99	0.85	-4.62	-1.46
		115	70.38	21.20	-22.18	-5.52	4.54	-21.10	-5.73	-9.62	-6.51	-8.84	-1.55
		99	34.00	7.90	-19.19	-7.50	-3.79	-13.42	4.03	2.13	2.13	4.03	-0.02
		164	40.78	18.01	-13.32	3.70	1.00	-15.61	-0.09	-2.66	-1.52	-1.24	-1.28
100	4	105	43.15	12.70	-31.51	-12.96	-5.85	-21.81	1.78	-0.10	-0.07	1.75	0.26
		115	56.16	25.59	-33.52	-9.08	1.15	-29.11	2.45	1.25	1.36	2.34	0.34
		99	39.98	20.55	-23.61	0.22	-3.28	-22.01	-0.60	-1.17	-0.61	-1.16	-0.08
		164	42.24	29.40	-18.54	10.83	0.03	-23.35	0.35	0.28	0.35	0.28	-9.31e-04
101	1	323	59.70	7.57	-47.17	-33.55	-6.06	-23.67	-2.88	-3.82	-2.89	-3.81	0.08
		116	48.67	6.30	-37.70	-27.03	-4.37	-18.86	-1.66	-3.80	-1.70	-3.77	-0.27
		118	63.79	8.68	-39.57	-25.28	-5.61	-22.03	-3.48	-7.18	-3.53	-7.13	-0.43
		328	93.50	7.45	-47.30	-30.84	-9.01	-25.11	-5.88	-14.35	-6.14	-14.08	1.48
101	2	323	136.94	9.20	-131.49	-113.67	-8.63	-46.80	1.50	0.66	0.67	1.49	0.06
		116	125.33	9.78	-118.83	-101.41	-7.64	-44.01	1.44	0.52	0.53	1.43	-0.10
		118	119.62	15.55	-109.04	-85.33	-8.16	-48.90	2.27	0.81	0.82	2.26	-0.12
		328	127.70	12.76	-116.37	-93.02	-10.59	-49.70	3.79	1.25	1.27	3.77	-0.24
101	3	323	31.28	2.72	-27.86	-22.64	-2.51	-11.51	-0.80	-1.02	-0.80	-1.01	0.03
		116	26.75	2.51	-24.08	-19.63	-1.94	-9.93	-0.45	-1.02	-0.46	-1.01	-0.09
		118	29.07	3.75	-23.25	-17.15	-2.34	-11.29	-0.96	-1.96	-0.98	-1.94	-0.14
		328	36.04	3.07	-26.00	-19.39	-3.54	-12.18	-1.65	-3.96	-1.72	-3.88	0.42
101	4	323	55.17	3.50	-53.14	-46.37	-3.27	-18.37	0.56	0.25	0.25	0.56	0.02
		116	50.80	3.75	-48.32	-41.66	-2.91	-17.38	0.54	0.19	0.20	0.53	-0.04
		118	48.05	5.96	-44.00	-34.94	-3.09	-19.25	0.85	0.30	0.31	0.84	-0.05
		328	50.98	4.87	-46.69	-37.82	-4.00	-19.47	1.41	0.46	0.47	1.41	-0.09
102	1	117	48.56	5.16	-35.80	-29.88	-0.75	-14.40	2.52	0.02	0.14	2.40	-0.54
		321	43.85	4.41	-26.59	-21.67	-0.51	-11.33	3.08	-0.18	0.28	2.61	-1.14
		154	50.16	4.54	-29.11	-22.55	-2.01	-13.33	-1.00	-4.53	-2.02	-3.51	-1.60
		116	50.25	6.32	-37.37	-29.24	-1.81	-17.01	-1.25	-3.41	-1.57	-3.08	-0.77
102	2	117	133.88	6.07	-129.84	-121.99	-1.78	-31.71	0.18	0.06	0.17	0.06	0.02
		321	116.51	6.88	-111.91	-103.25	-1.79	-30.89	0.13	-0.09	0.12	-0.09	0.03
		154	111.07	9.78	-105.57	-93.14	-2.65	-35.76	1.41	0.64	0.64	1.41	0.02
		116	124.75	9.87	-118.63	-106.74	-2.02	-37.24	1.30	0.47	0.47	1.30	0.02
102	3	117	28.55	1.79	-25.00	-22.87	-0.34	-7.25	0.75	0.02	0.05	0.72	-0.16
		321	25.30	1.75	-20.70	-18.70	-0.25	-6.40	0.91	-0.05	0.09	0.77	-0.34
		154	25.73	2.05	-20.41	-17.61	-0.75	-7.42	-0.23	-1.25	-0.55	-0.93	-0.48
		116	27.25	2.48	-23.94	-20.79	-0.66	-8.55	-0.32	-0.92	-0.43	-0.81	-0.23
102	4	117	54.58	2.28	-53.09	-50.17	-0.64	-12.37	0.07	0.02	0.06	0.02	7.39e-03
		321	47.88	2.64	-46.14	-42.87	-0.63	-12.20	0.05	-0.03	0.05	-0.03	7.88e-03
		154	45.32	3.74	-43.21	-38.53	-0.94	-14.07	0.53	0.24	0.24	0.53	3.95e-03
		116	50.53	3.73	-48.21	-43.76	-0.73	-14.54	0.48	0.17	0.17	0.48	6.38e-03
103	1	116	52.62	6.56	-37.32	-26.70	-4.05	-18.79	-1.06	-3.43	-1.53	-2.96	-0.94
		154	46.91	4.38	-29.17	-20.76	-4.03	-14.54	-1.37	-4.35	-1.82	-3.90	-1.06
		329	78.84	5.30	-32.08	-21.28	-5.50	-16.94	-2.84	-11.22	-3.35	-10.71	-2.01
		118	63.75	6.25	-37.62	-25.47	-5.91	-19.63	-3.93	-7.72	-3.99	-7.66	-0.45



*Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa*

103	2	116	124.41	10.08	-118.68	-101.24	-7.37	-44.07	1.27	0.47	0.47	1.27	0.04
		154	111.43	9.65	-105.51	-87.90	-7.96	-41.45	1.45	0.63	0.64	1.44	-0.09
		329	109.39	13.55	-100.58	-77.78	-9.24	-45.63	3.21	1.00	1.02	3.20	0.16
		118	116.11	13.71	-107.22	-85.17	-8.34	-46.69	2.24	0.92	0.93	2.23	-0.11
103	3	116	27.96	2.58	-23.91	-19.51	-1.82	-9.86	-0.27	-0.93	-0.42	-0.78	-0.28
		154	24.76	1.99	-20.42	-16.56	-1.87	-8.47	-0.34	-1.20	-0.49	-1.05	-0.32
		329	30.46	2.66	-20.41	-15.36	-2.40	-9.54	-0.76	-3.08	-0.91	-2.93	-0.59
		118	28.51	2.87	-22.52	-17.20	-2.45	-10.34	-1.09	-2.12	-1.11	-2.10	-0.14
103	4	116	50.40	3.82	-48.22	-41.59	-2.81	-17.35	0.47	0.17	0.17	0.47	0.01
		154	45.45	3.69	-43.19	-36.45	-3.04	-16.44	0.54	0.24	0.24	0.54	-0.04
		329	44.18	5.22	-40.82	-32.10	-3.51	-18.04	1.20	0.38	0.38	1.19	0.06
		118	46.66	5.23	-43.28	-34.89	-3.17	-18.35	0.84	0.34	0.35	0.83	-0.04
104	1	115	180.03	19.31	-13.85	-9.27	14.73	-11.44	-17.34	-31.33	-19.11	-29.56	4.65
		149	154.44	7.79	-50.27	-24.53	-17.95	-28.84	2.00	-20.95	1.11	-20.06	4.42
		136	56.80	17.76	-22.09	-7.51	3.18	-19.20	-3.89	-6.62	-4.78	-5.73	1.28
		99	87.93	7.13	-42.11	-25.78	-9.21	-23.18	14.05	6.86	7.02	13.89	-1.07
104	2	115	93.84	35.43	-51.75	-20.34	4.02	-41.86	6.84	3.45	3.90	6.38	-1.15
		149	120.12	34.13	-84.47	-35.28	-15.07	-58.43	5.06	-0.47	-0.30	4.89	-0.94
		136	89.56	58.40	-42.10	15.06	1.25	-49.77	0.99	0.69	0.88	0.80	-0.14
		99	83.98	45.43	-49.65	2.32	-6.53	-47.33	-1.58	-3.10	-1.58	-3.09	0.10
104	3	115	53.97	8.81	-9.17	-4.95	4.59	-7.62	-4.87	-8.76	-5.36	-8.27	1.29
		149	51.13	5.74	-22.86	-10.65	-6.47	-14.15	0.56	-5.82	0.31	-5.57	1.24
		136	24.15	10.98	-10.18	-0.21	1.01	-10.56	-1.10	-1.89	-1.35	-1.64	0.37
		99	29.33	6.78	-16.39	-6.50	-3.12	-11.46	3.93	1.91	1.96	3.88	-0.31
104	4	115	36.68	13.91	-20.73	-8.24	1.41	-16.63	2.55	1.29	1.45	2.38	-0.43
		149	46.85	13.55	-33.00	-13.83	-5.62	-22.91	1.89	-0.17	-0.11	1.83	-0.35
		136	35.37	23.31	-16.40	6.48	0.44	-19.62	0.37	0.26	0.33	0.30	-0.05
		99	33.02	18.48	-18.98	1.83	-2.33	-18.62	-0.59	-1.16	-0.59	-1.15	0.04
105	1	118	119.00	8.46	-45.52	-27.30	-9.76	-25.53	-5.11	-19.04	-5.36	-18.79	1.86
		329	33.50	3.73	-24.29	-16.49	-4.08	-12.56	0.52	-2.88	-2.63	0.26	0.89
		337	261.40	9.44	-58.37	-19.75	-29.19	-33.57	-23.77	-45.37	-24.11	-45.03	2.70
		149	146.45	15.67	-34.64	-21.30	2.34	-22.20	4.29	-18.06	4.29	-18.06	0.36
105	2	118	131.97	14.98	-114.51	-84.89	-14.64	-54.39	5.09	1.31	1.43	4.97	-0.66
		329	104.40	13.22	-93.61	-71.13	-9.26	-43.55	1.16	-0.11	0.59	0.46	-0.63
		337	141.58	34.36	-97.51	-30.08	-33.07	-65.92	11.64	6.14	6.18	11.59	-0.49
		149	110.78	40.16	-71.73	-32.09	0.53	-53.52	4.27	-1.35	-1.35	4.27	-0.17
105	3	118	42.31	3.60	-25.34	-17.63	-4.11	-12.80	-1.41	-5.25	-1.48	-5.18	0.50
		329	20.87	2.25	-17.63	-13.35	-2.02	-8.16	0.16	-0.78	-0.73	0.11	0.21
		337	77.30	6.12	-26.22	-8.83	-11.26	-16.12	-6.57	-12.55	-6.67	-12.45	0.76
		149	46.71	8.40	-17.21	-9.47	0.66	-11.76	1.17	-5.02	1.17	-5.02	0.09
105	4	118	52.55	5.72	-45.97	-34.69	-5.56	-21.35	1.90	0.49	0.53	1.86	-0.25
		329	42.31	5.12	-38.22	-29.54	-3.56	-17.34	0.44	-0.04	0.22	0.17	-0.24
		337	54.45	13.56	-37.86	-11.89	-12.42	-25.71	4.35	2.29	2.31	4.33	-0.18
		149	43.22	15.72	-28.26	-12.66	0.12	-21.04	1.59	-0.51	-0.50	1.59	-0.06
106	1	149	136.22	2.34	-40.98	-23.99	-14.66	-21.15	-0.43	-20.14	-0.68	-19.89	-2.23
		337	146.62	38.15	-37.19	-10.26	11.22	-36.10	-11.69	-24.55	-12.23	-24.01	-2.57
		98	98.60	5.14	-44.28	-29.31	-9.83	-22.71	12.88	6.15	6.88	12.15	2.10
		136	79.66	25.98	-32.04	-8.09	2.03	-28.57	-2.83	-7.52	-4.58	-5.77	2.27
106	2	149	103.51	27.79	-77.68	-34.84	-15.06	-51.80	4.91	-0.22	-0.16	4.85	0.55
		337	134.47	61.64	-79.93	-22.25	3.97	-69.56	6.61	3.33	3.52	6.42	0.77
		98	98.31	41.88	-63.55	-11.68	-10.00	-52.71	-1.61	-3.28	-1.68	-3.22	-0.33
		136	102.72	65.31	-48.93	15.63	0.76	-56.63	1.17	0.61	0.93	0.85	-0.28
106	3	149	43.00	3.57	-19.52	-10.45	-5.49	-11.28	-0.14	-5.59	-0.21	-5.52	-0.62
		337	49.15	16.82	-18.76	-5.46	3.52	-17.21	-3.21	-6.76	-3.35	-6.62	-0.70
		98	34.68	5.90	-18.28	-8.77	-3.62	-11.81	3.57	1.70	1.91	3.35	0.60
		136	32.19	14.03	-13.74	-0.32	0.62	-13.88	-0.79	-2.14	-1.29	-1.64	0.65
106	4	149	40.35	11.11	-30.39	-13.66	-5.61	-20.36	1.83	-0.08	-0.06	1.81	0.21
		337	52.27	23.80	-31.44	-9.02	1.37	-27.13	2.47	1.24	1.31	2.40	0.29
		98	38.35	17.10	-24.31	-3.54	-3.67	-20.70	-0.60	-1.23	-0.62	-1.20	-0.12
		136	40.28	25.90	-18.95	6.70	0.24	-22.19	0.43	0.23	0.35	0.32	-0.10
107	1	206	117.79	1.73	-113.38	-110.45	-1.20	-18.14	0.75	-0.31	-0.12	0.56	-0.41
		269	108.97	2.81	-103.43	-99.78	-0.84	-19.36	1.20	-0.30	0.10	0.80	-0.66
		268	93.20	7.78	-81.65	-73.51	-0.36	-25.72	1.84	-0.12	0.05	1.68	-0.54
		267	94.40	7.12	-85.53	-78.62	0.21	-24.34	1.01	-0.30	-0.28	0.98	-0.18
107	2	206	267.62	2.89	-265.03	-259.48	-2.67	-38.18	0.62	-0.24	0.13	0.26	0.42
		269	247.07	4.26	-244.32	-238.33	-1.73	-38.12	0.56	-0.20	0.07	0.29	0.36
		268	198.74	10.19	-191.49	-178.23	-3.07	-49.98	-0.27	-1.11	-0.39	-0.99	0.30
		267	209.06	10.99	-201.04	-188.20	-1.85	-50.56	-0.04	-1.00	-0.30	-0.75	0.42
107	3	206	61.59	0.75	-60.29	-59.01	-0.53	-8.75	0.22	-0.06	-0.03	0.18	-0.09
		269	57.23	1.21	-55.54	-54.01	-0.32	-9.20	0.35	-0.05	0.04	0.26	-0.17
		268	47.00	3.10	-43.46	-40.07	-0.29	-12.09	0.46	-0.05	-0.02	0.42	-0.14
		267	48.31	2.99	-45.43	-42.43	-0.01	-11.68	0.24	-0.11	-0.10	0.23	-0.02
107	4	206	106.19	1.10	-105.23	-103.16	-0.97	-14.69	0.23	-0.09	0.05	0.10	0.16
		269	98.37	1.67	-97.31	-95.06	-0.58	-14.76	0.21	-0.07	0.03	0.11	0.13
		268	78.79	3.87	-76.06	-71.10	-1.09	-19.28	-0.10	-0.41	-0.14	-0.37	0.11
		267	82.69	4.16	-79.68	-74.90	-0.62	-19.45	-0.02	-0.37	-0.11	-0.28	0.16
108	1	212	71.25	15.57	-61.43	-40.83	-5.03	-34.08	1.68	3.30e-04	0.03	1.65	0.23



		271	80.63	14.45	-62.07	-41.89	-5.72	-33.72	2.83	-0.57	-0.53	2.79	-0.35
		245	70.70	31.39	-33.70	-1.07	-1.24	-32.54	2.79	-0.41	0.20	2.18	1.26
		274	62.23	26.85	-29.49	3.70	-6.34	-27.72	0.70	-2.29	-1.86	0.27	1.05
108	2	212	162.79	27.79	-144.29	-101.22	-15.28	-74.54	-0.82	-1.01	-0.91	-0.93	-0.09
		271	154.04	16.23	-142.44	-107.83	-18.38	-65.53	-0.81	-3.42	-0.81	-3.42	8.70e-03
		245	120.19	59.64	-74.51	-13.16	-1.71	-66.83	0.23	-2.88	0.20	-2.85	-0.32
		274	111.38	34.47	-71.10	-3.27	-33.37	-50.59	-2.05	-5.28	-2.24	-5.10	-0.75
108	3	212	36.60	6.89	-32.27	-22.66	-2.72	-16.85	0.43	-0.07	-0.06	0.42	0.06
		271	38.21	5.69	-32.38	-23.53	-3.15	-16.08	0.58	-0.23	-0.22	0.57	-0.10
		245	31.02	14.63	-16.88	-1.71	-0.54	-15.75	0.64	-0.14	0.07	0.43	0.35
		274	26.06	11.31	-15.23	0.57	-4.49	-13.03	-0.18	-0.84	-0.72	-0.31	0.25
108	4	212	63.80	10.53	-56.84	-40.55	-5.76	-28.84	-0.31	-0.37	-0.34	-0.34	-0.03
		271	60.73	6.28	-56.25	-43.07	-6.90	-25.51	-0.30	-1.27	-0.30	-1.27	3.86e-03
		245	46.51	23.02	-28.99	-5.29	-0.68	-25.91	0.08	-1.07	0.07	-1.06	-0.12
		274	42.90	13.56	-27.55	-1.50	-12.50	-19.80	-0.76	-1.96	-0.83	-1.90	-0.28
109	1	201	145.42	-9.40	-144.56	-135.31	-18.66	-34.13	0.19	-0.93	-0.62	-0.12	-0.51
		221	131.06	9.29	-121.85	-120.47	7.91	-13.38	-0.06	-0.79	-0.73	-0.12	-0.19
		220	103.15	6.07	-95.95	-89.11	-0.77	-25.51	0.48	-0.46	-0.45	0.48	-0.06
		278	86.61	-9.10	-88.53	-81.05	-16.58	-23.21	0.43	-0.29	-0.04	0.18	-0.34
109	2	201	327.68	-21.86	-334.56	-313.33	-43.09	-78.65	0.60	-0.48	0.19	-0.08	0.52
		221	295.59	20.77	-283.25	-280.49	18.01	-28.84	0.64	-0.38	0.14	0.12	0.51
		220	234.99	11.26	-225.89	-211.78	-2.84	-56.09	0.32	-0.77	-0.03	-0.43	0.51
		278	201.36	-23.84	-208.89	-192.63	-40.11	-52.40	0.54	-0.56	0.09	-0.12	0.54
109	3	201	74.72	-5.14	-75.85	-71.11	-9.88	-17.68	0.02	-0.23	-0.17	-0.04	-0.11
		221	68.13	4.93	-64.37	-63.75	4.31	-6.52	-0.02	-0.21	-0.21	-0.03	-0.02
		220	53.24	2.68	-50.89	-47.73	-0.48	-12.63	0.11	-0.14	-0.14	0.11	0.02
		278	44.86	-5.37	-46.91	-43.30	-8.98	-11.70	0.08	-0.04	-5.65e-03	0.05	-0.06
109	4	201	129.25	-8.83	-132.14	-123.85	-17.12	-30.87	0.22	-0.18	0.07	-0.03	0.19
		221	117.09	8.33	-112.19	-111.16	7.30	-11.10	0.24	-0.14	0.05	0.04	0.19
		220	92.79	4.23	-89.40	-84.07	-1.10	-21.69	0.12	-0.29	-9.97e-03	-0.16	0.19
		278	79.38	-9.74	-82.57	-76.36	-15.95	-20.35	0.20	-0.21	0.03	-0.04	0.20
110	1	214	55.01	2.29	-52.78	-39.29	-11.21	-23.68	0.13	-0.14	-1.86e-03	-8.94e-03	0.13
		222	69.53	14.55	-60.36	-41.26	-4.55	-32.65	0.58	-0.34	-0.31	0.56	0.15
		224	59.76	34.33	-26.70	10.65	-3.02	-29.74	0.72	-0.60	-0.16	0.28	0.62
		223	45.70	31.42	-15.38	12.63	3.41	-22.95	0.43	-0.45	-1.65e-03	-0.02	0.44
110	2	214	128.86	-0.18	-128.52	-100.10	-28.60	-53.29	0.09	-0.20	-0.12	0.02	0.13
		222	164.59	27.92	-145.05	-105.14	-11.99	-72.87	0.04	-1.12	-0.03	-1.06	0.26
		224	125.20	68.66	-66.04	12.11	-9.49	-66.48	8.96e-03	-1.74	-0.42	-1.31	-0.75
		223	93.94	61.90	-38.27	17.96	5.67	-49.70	0.73	-0.49	0.19	0.04	-0.61
110	3	214	28.60	0.12	-28.21	-21.83	-6.26	-11.83	0.04	-0.05	-9.81e-03	-1.20e-03	0.05
		222	35.90	6.64	-32.04	-23.00	-2.40	-16.37	0.11	-0.12	-0.10	0.08	0.06
		224	27.61	16.24	-14.03	4.00	-1.78	-14.86	0.08	-0.18	-0.08	-0.02	0.13
		223	20.78	14.65	-8.07	5.13	1.46	-11.21	0.09	-0.08	0.01	-2.41e-03	0.08
110	4	214	50.52	-0.60	-50.66	-39.85	-11.41	-20.60	0.03	-0.07	-0.05	7.23e-03	0.05
		222	64.54	10.62	-57.16	-41.92	-4.61	-28.29	0.01	-0.42	-0.01	-0.39	0.10
		224	48.31	26.43	-25.70	4.43	-3.70	-25.74	3.10e-03	-0.65	-0.16	-0.49	-0.28
		223	36.05	23.69	-14.86	6.71	2.12	-19.14	0.27	-0.18	0.07	0.02	-0.23
111	1	205	99.61	3.28	-93.03	-88.65	-1.09	-20.06	1.60	-0.41	0.31	0.89	-0.96
		227	89.74	4.22	-82.00	-76.68	-1.10	-20.74	1.74	-0.79	0.43	0.52	-1.27
		226	90.28	9.20	-71.06	-60.80	-1.06	-26.80	3.92	0.25	0.94	3.24	-1.43
		272	91.57	8.47	-76.52	-67.37	-0.68	-26.34	2.87	0.08	0.47	2.48	-0.97
111	2	205	226.66	4.17	-224.50	-218.28	-2.05	-37.18	0.46	-0.08	0.04	0.34	0.23
		227	207.50	4.48	-204.95	-198.45	-2.02	-36.31	0.32	-0.09	-0.01	0.25	0.16
		226	175.16	9.84	-168.86	-156.21	-2.82	-45.85	-0.53	-1.35	-0.53	-1.34	0.08
		272	186.47	9.58	-180.02	-167.12	-3.33	-47.75	-0.48	-1.31	-0.55	-1.24	0.23
111	3	205	52.54	1.27	-50.67	-48.96	-0.45	-9.28	0.48	-0.09	0.09	0.29	-0.27
		227	47.71	1.57	-45.66	-43.67	-0.43	-9.51	0.51	-0.21	0.13	0.17	-0.36
		226	43.66	3.40	-38.31	-34.43	-0.48	-12.11	1.07	0.03	0.24	0.86	-0.42
		272	45.26	3.19	-40.91	-37.30	-0.41	-12.08	0.75	-0.01	0.10	0.64	-0.27
111	4	205	90.51	1.58	-89.68	-87.37	-0.73	-14.35	0.17	-0.03	0.02	0.12	0.08
		227	83.18	1.74	-82.19	-79.75	-0.70	-14.12	0.12	-0.03	-4.15e-03	0.09	0.06
		226	69.83	3.74	-67.45	-62.70	-1.00	-17.75	-0.20	-0.50	-0.20	-0.50	0.03
		272	74.09	3.62	-71.67	-66.85	-1.20	-18.43	-0.18	-0.49	-0.20	-0.46	0.09
112	1	213	74.78	17.01	-62.46	-39.47	-5.98	-36.04	3.48	1.49	1.49	3.47	-0.05
		229	98.46	13.66	-61.42	-40.07	-7.69	-33.87	8.37	0.48	0.71	8.14	-1.32
		232	88.40	29.24	-41.21	-10.17	-1.80	-34.97	8.05	0.30	0.65	7.69	1.62
		276	85.80	20.14	-36.03	-5.72	-10.17	-28.00	7.59	-0.58	-0.03	7.03	2.05
112	2	213	157.51	25.00	-139.76	-100.63	-14.13	-70.11	-0.90	-1.41	-1.01	-1.30	-0.21
		229	145.01	12.06	-136.15	-105.74	-18.35	-59.86	-1.25	-4.65	-1.26	-4.64	-0.18
		232	121.06	54.64	-78.89	-24.64	0.39	-65.58	0.67	-3.74	0.66	-3.74	-0.10
		276	116.56	21.46	-77.26	-19.40	-36.41	-48.62	-4.22	-8.44	-4.27	-8.39	-0.47
112	3	213	36.89	7.03	-32.26	-22.31	-2.91	-17.09	0.93	0.36	0.36	0.93	-0.03
		229	41.78	5.04	-31.74	-22.94	-3.76	-15.69	2.14	0.03	0.11	2.06	-0.40
		232	35.03	13.58	-19.57	-5.44	-0.55	-16.39	2.11	0.12	0.24	2.00	0.47
		276	31.60	8.27	-17.77	-3.65	-5.86	-12.97	1.62	-0.50	-0.33	1.45	0.57
112	4	213	61.91	9.48	-55.24	-40.43	-5.33	-27.18	-0.33	-0.52	-0.38	-0.48	-0.08
		229	57.46	4.70	-54.01	-42.39	-6.92	-23.39	-0.47	-1.73	-0.47	-1.73	-0.07



		232	46.93	21.11	-30.74	-9.73	0.10	-25.46	0.25	-1.39	0.25	-1.39	-0.04
		276	44.75	8.65	-29.98	-7.70	-13.63	-19.08	-1.57	-3.14	-1.59	-3.12	-0.18
113	1	207	77.01	4.79	-70.08	-64.18	-1.11	-20.17	1.18	-1.37	0.29	-0.47	-1.22
		260	64.61	5.35	-58.54	-52.18	-1.01	-19.12	0.67	-1.72	0.14	-1.18	-0.99
		259	73.44	8.63	-56.06	-45.57	-1.85	-23.84	4.53	1.23	1.83	3.93	-1.27
		230	82.82	8.64	-63.70	-53.10	-1.96	-25.58	4.79	0.99	1.77	4.00	-1.54
113	2	207	188.70	4.69	-185.42	-178.76	-1.98	-34.96	0.27	-0.07	-0.06	0.26	0.05
		260	170.03	5.12	-166.66	-159.64	-1.90	-34.01	0.10	-0.09	-0.09	0.10	9.38e-03
		259	150.51	9.80	-144.70	-132.51	-2.39	-41.64	-0.57	-1.46	-0.57	-1.46	-0.05
		230	162.37	9.12	-156.73	-144.42	-3.19	-43.48	-0.66	-1.54	-0.66	-1.54	0.06
113	3	207	41.97	1.65	-40.31	-38.20	-0.45	-9.16	0.35	-0.39	0.08	-0.12	-0.36
		260	36.55	1.87	-35.20	-32.93	-0.40	-8.88	0.19	-0.50	0.03	-0.34	-0.29
		259	36.27	3.16	-31.74	-27.89	-0.68	-10.93	1.24	0.31	0.50	1.05	-0.38
		230	39.99	3.10	-35.03	-31.14	-0.79	-11.54	1.31	0.23	0.47	1.07	-0.45
113	4	207	75.87	1.77	-74.63	-72.15	-0.71	-13.54	0.10	-0.03	-0.02	0.10	0.02
		260	68.71	1.98	-67.42	-64.77	-0.66	-13.29	0.04	-0.03	-0.03	0.04	4.86e-03
		259	60.45	3.73	-58.23	-53.65	-0.84	-16.20	-0.21	-0.55	-0.21	-0.54	-0.02
		230	64.93	3.45	-62.80	-58.20	-1.15	-16.85	-0.25	-0.57	-0.25	-0.57	0.02
114	1	215	78.34	17.64	-58.80	-33.64	-7.52	-35.92	3.74	3.63	3.69	3.68	-0.05
		261	105.25	8.00	-53.50	-35.50	-9.99	-27.98	15.24	3.56	3.61	15.19	-0.76
		253	113.93	26.01	-43.25	-17.45	0.22	-33.48	14.72	-0.96	-0.93	14.69	0.67
		258	167.62	4.34	-41.16	-14.45	-22.38	-22.40	26.48	11.07	11.45	26.10	2.38
114	2	215	147.51	22.60	-130.93	-95.76	-12.58	-64.52	-0.77	-1.50	-0.92	-1.36	-0.29
		261	133.72	10.36	-125.03	-98.04	-16.62	-54.09	-1.40	-5.10	-1.42	-5.08	-0.28
		253	121.98	49.99	-79.12	-30.17	1.05	-62.64	1.00	-4.18	1.00	-4.18	0.07
		258	118.77	15.65	-78.40	-27.61	-35.14	-46.87	-5.48	-10.33	-5.48	-10.32	-0.18
114	3	215	36.72	6.90	-30.47	-20.31	-3.27	-16.63	1.05	0.96	1.02	0.99	-0.04
		261	40.42	3.20	-28.59	-21.07	-4.32	-13.51	4.13	0.94	0.96	4.11	-0.24
		253	39.22	12.28	-20.31	-8.12	0.09	-15.77	4.04	-0.21	-0.20	4.03	0.20
		258	51.63	3.09	-19.47	-6.99	-9.38	-11.21	7.07	2.86	2.98	6.95	0.69
114	4	215	58.25	8.57	-52.04	-38.71	-4.76	-25.11	-0.29	-0.56	-0.34	-0.51	-0.11
		261	53.10	4.06	-49.94	-39.60	-6.29	-21.25	-0.52	-1.90	-0.53	-1.89	-0.10
		253	47.35	19.38	-30.94	-11.89	0.34	-24.40	0.37	-1.56	0.37	-1.56	0.03
		258	45.57	6.47	-30.53	-10.89	-13.17	-18.46	-2.04	-3.84	-2.04	-3.84	-0.07
115	1	208	56.14	5.13	-46.76	-40.72	-0.91	-16.64	-0.21	-2.96	-0.24	-2.93	-0.27
		265	48.94	4.64	-36.82	-31.49	-0.69	-13.88	-0.05	-2.45	-0.20	-2.30	0.59
		264	51.20	5.89	-37.91	-30.37	-1.65	-16.53	3.37	1.30	1.71	2.96	0.82
		211	55.02	6.54	-46.57	-37.37	-2.66	-20.10	4.32	2.44	2.53	4.23	-0.39
115	2	208	151.81	5.48	-147.76	-140.41	-1.87	-32.73	0.16	-0.13	-0.13	0.16	-0.03
		265	133.92	6.05	-129.84	-121.97	-1.82	-31.74	-0.01	-0.17	-0.15	-0.03	-0.05
		264	124.43	9.94	-118.78	-106.76	-2.08	-37.45	-0.53	-1.32	-0.53	-1.31	-0.06
		211	136.97	9.00	-131.61	-119.68	-2.93	-39.18	-0.67	-1.62	-0.67	-1.61	-0.04
115	3	208	32.64	1.76	-29.93	-27.79	-0.39	-7.97	-0.07	-0.86	-0.08	-0.86	-0.08
		265	28.81	1.76	-25.42	-23.35	-0.30	-7.19	-0.03	-0.73	-0.07	-0.68	0.17
		264	27.75	2.44	-24.19	-21.14	-0.60	-8.47	0.91	0.33	0.47	0.78	0.24
		211	29.84	2.46	-27.78	-24.34	-0.98	-9.60	1.16	0.67	0.70	1.13	-0.12
115	4	208	61.57	2.06	-60.06	-57.32	-0.67	-12.74	0.06	-0.05	-0.05	0.06	-7.86e-03
		265	54.68	2.33	-53.13	-50.16	-0.64	-12.48	-5.99e-03	-0.06	-0.06	-0.01	-0.02
		264	50.47	3.80	-48.30	-43.78	-0.73	-14.67	-0.20	-0.49	-0.20	-0.49	-0.02
		211	55.23	3.40	-53.19	-48.73	-1.06	-15.26	-0.25	-0.60	-0.25	-0.60	-0.01
116	1	216	76.10	15.59	-47.29	-25.11	-6.59	-30.04	4.04	0.65	3.62	1.06	1.10
		266	114.61	0.53	-38.64	-28.24	-9.87	-17.30	18.16	5.34	5.81	17.70	2.39
		233	145.78	22.38	-37.47	-19.72	4.62	-27.34	16.22	-5.11	-5.06	16.17	-0.99
		263	270.49	-11.37	-40.29	-20.35	-31.31	-13.38	46.19	27.07	27.12	46.14	0.98
116	2	216	132.91	20.81	-117.46	-85.72	-10.93	-58.14	-0.53	-1.25	-0.72	-1.06	-0.32
		266	117.88	9.01	-109.20	-85.30	-14.89	-47.48	-1.38	-4.93	-1.40	-4.91	-0.31
		233	118.29	45.40	-75.73	-31.72	1.40	-58.26	1.24	-4.34	1.23	-4.33	0.22
		263	116.85	11.54	-76.06	-30.94	-33.58	-43.78	-6.15	-11.29	-6.15	-11.29	0.06
116	3	216	35.32	6.10	-26.03	-17.06	-2.88	-14.42	1.12	0.13	1.02	0.23	0.30
		266	39.26	0.97	-23.08	-17.95	-4.17	-9.86	5.01	1.47	1.61	4.87	0.69
		233	47.85	10.84	-18.39	-8.96	1.41	-13.67	4.47	-1.42	-1.41	4.46	-0.28
		263	79.49	-2.02	-18.97	-9.07	-11.92	-8.35	12.83	7.55	7.57	12.81	0.29
116	4	216	52.85	7.89	-47.07	-35.01	-4.16	-22.74	-0.20	-0.46	-0.27	-0.39	-0.12
		266	47.18	3.55	-44.06	-34.85	-5.65	-18.80	-0.51	-1.84	-0.52	-1.83	-0.11
		233	46.07	17.70	-29.76	-12.52	0.46	-22.83	0.46	-1.62	0.46	-1.62	0.08
		263	44.87	4.96	-29.76	-12.21	-12.59	-17.36	-2.29	-4.21	-2.29	-4.21	0.02
117	1	209	43.75	3.50	-27.68	-23.60	-0.58	-10.50	0.23	-2.96	-0.24	-2.50	1.13
		240	35.26	2.56	-21.33	-18.50	-0.27	-7.72	1.04	-1.88	0.05	-0.89	1.38
		238	46.22	2.80	-22.29	-18.82	-0.67	-8.66	3.77	-1.38	0.79	1.59	2.54
		250	47.96	3.31	-28.98	-23.67	-1.99	-11.97	4.26	0.77	1.80	3.23	1.59
117	2	209	116.02	6.58	-111.48	-103.17	-1.74	-30.22	0.09	-0.14	-0.13	0.08	-0.04
		240	99.49	7.31	-94.74	-85.74	-1.70	-28.94	2.40e-03	-0.15	-0.13	-0.01	-0.05
		238	96.94	10.07	-91.21	-79.31	-1.83	-32.61	-0.37	-0.87	-0.37	-0.87	-6.83e-03
		250	109.82	8.95	-104.64	-92.99	-2.71	-34.47	-0.58	-1.45	-0.58	-1.45	-0.07
117	3	209	25.28	1.45	-21.00	-19.26	-0.29	-6.00	0.06	-0.87	-0.08	-0.73	0.33
		240	21.46	1.38	-17.64	-16.07	-0.18	-5.22	0.30	-0.56	5.64e-03	-0.27	0.41
		238	23.59	1.71	-17.25	-15.24	-0.29	-5.83	1.07	-0.46	0.21	0.40	0.76



		250	25.06	1.63	-20.33	-17.92	-0.78	-6.86	1.17	0.17	0.49	0.85	0.47
117	4	209	47.61	2.46	-45.93	-42.83	-0.63	-11.84	0.03	-0.05	-0.05	0.03	-0.01
		240	41.21	2.81	-39.41	-36.00	-0.60	-11.51	-1.95e-04	-0.05	-0.05	-5.31e-03	-0.02
		238	39.89	3.87	-37.68	-33.17	-0.64	-12.93	-0.14	-0.33	-0.14	-0.33	4.59e-04
		250	44.80	3.38	-42.83	-38.46	-0.99	-13.52	-0.22	-0.54	-0.22	-0.54	-0.02
118	1	217	63.09	10.19	-30.92	-17.34	-3.39	-19.34	2.39	-2.79	0.47	-0.86	2.50
		242	91.53	-2.91	-23.22	-19.56	-6.57	-7.81	14.39	2.87	4.73	12.54	4.23
		247	116.46	15.82	-25.93	-16.33	6.22	-17.57	10.24	-6.85	-6.72	10.11	-1.46
		236	250.18	-15.08	-31.62	-19.35	-27.36	-7.23	43.07	27.03	27.12	42.99	-1.17
118	2	217	113.87	19.29	-99.29	-70.79	-9.21	-50.67	-0.08	-0.72	-0.42	-0.37	-0.32
		242	97.10	7.36	-88.44	-67.99	-13.08	-39.25	-1.20	-4.24	-1.25	-4.20	-0.37
		247	110.19	40.49	-68.71	-30.16	1.95	-52.19	1.47	-4.24	1.45	-4.21	0.35
		236	111.95	7.06	-70.66	-30.86	-32.75	-38.85	-6.61	-11.75	-6.63	-11.74	0.25
118	3	217	29.58	4.50	-19.90	-13.57	-1.82	-10.69	0.65	-0.83	0.10	-0.28	0.72
		242	32.94	-0.08	-16.94	-13.95	-3.07	-6.44	3.96	0.74	1.30	3.39	1.23
		247	39.03	8.51	-14.43	-7.83	1.92	-10.39	2.70	-1.92	-1.88	2.67	-0.41
		236	72.31	-3.45	-16.03	-8.79	-10.69	-6.22	11.86	7.50	7.52	11.83	-0.33
118	4	217	45.73	7.32	-40.27	-29.41	-3.54	-19.98	-0.03	-0.27	-0.16	-0.14	-0.12
		242	39.36	2.95	-36.25	-28.31	-5.00	-15.76	-0.45	-1.59	-0.47	-1.57	-0.13
		247	43.16	15.94	-27.22	-11.93	0.65	-20.64	0.55	-1.59	0.54	-1.58	0.13
		236	43.06	3.34	-27.83	-12.20	-12.29	-15.59	-2.47	-4.39	-2.47	-4.38	0.09
119	1	244	34.59	1.52	-16.91	-13.03	-2.36	-7.52	3.65	-0.38	0.40	2.86	1.60
		251	22.61	1.57	-13.55	-10.81	-1.17	-5.82	1.65	-0.51	0.11	1.03	0.98
		252	32.42	2.54	-13.50	-10.04	-0.92	-6.60	2.11	-2.02	-0.58	0.67	1.97
		218	38.05	0.67	-17.78	-13.80	-3.32	-7.59	5.57	1.60	1.76	5.41	0.76
119	2	244	81.21	8.64	-75.94	-56.94	-10.36	-35.30	-0.41	-1.10	-0.42	-1.09	0.07
		251	68.59	9.29	-62.88	-45.68	-7.92	-30.75	0.41	0.09	0.10	0.40	-0.05
		252	70.66	12.16	-62.54	-42.22	-8.16	-33.25	0.30	-0.04	-9.64e-03	0.27	-0.10
		218	83.43	9.16	-74.87	-53.88	-11.83	-36.38	-0.78	-2.56	-0.85	-2.49	0.33
119	3	244	18.56	1.20	-14.24	-11.34	-1.70	-6.03	1.01	-0.16	0.09	0.76	0.48
		251	14.97	1.35	-12.20	-9.67	-1.18	-5.28	0.51	-0.13	0.04	0.34	0.29
		252	17.38	1.92	-11.93	-8.90	-1.11	-5.73	0.63	-0.59	-0.17	0.22	0.58
		218	18.23	1.03	-14.17	-11.03	-2.11	-6.15	1.47	0.39	0.45	1.41	0.25
119	4	244	33.73	3.29	-31.71	-24.36	-4.07	-14.26	-0.15	-0.41	-0.16	-0.41	0.03
		251	28.98	3.61	-26.80	-20.00	-3.18	-12.67	0.16	0.04	0.04	0.15	-0.02
		252	29.55	4.75	-26.44	-18.43	-3.25	-13.62	0.11	-0.01	-4.24e-03	0.10	-0.04
		218	34.31	3.52	-31.06	-22.91	-4.63	-14.68	-0.29	-0.96	-0.32	-0.93	0.13
120	1	218	40.63	4.88	-17.87	-12.03	-0.96	-9.93	1.78	-2.92	-1.28	0.14	2.24
		252	45.45	-1.30	-13.92	-12.25	-2.97	-4.27	6.58	0.62	2.06	5.15	2.55
		255	53.98	9.24	-15.54	-9.72	3.42	-10.50	3.06	-3.89	-3.78	2.95	-0.85
		249	119.28	-7.47	-19.42	-13.19	-13.70	-5.97	20.71	12.08	12.58	20.22	-2.00
120	2	218	90.45	17.90	-76.16	-50.58	-7.69	-41.85	0.90	-0.08	0.09	0.73	-0.37
		252	71.38	5.06	-62.84	-46.51	-11.27	-29.02	-0.78	-2.94	-0.90	-2.82	-0.49
		255	95.87	34.70	-57.17	-24.44	1.96	-44.00	1.76	-3.68	1.72	-3.64	0.48
		249	103.08	2.03	-61.89	-27.11	-32.75	-31.83	-6.81	-11.58	-6.86	-11.54	0.47
120	3	218	20.57	2.97	-14.27	-10.26	-1.04	-7.28	0.54	-0.82	-0.37	0.10	0.64
		252	19.52	0.23	-12.04	-9.90	-1.92	-4.66	1.74	0.11	0.54	1.30	0.72
		255	21.11	6.26	-10.56	-5.34	1.04	-7.78	0.61	-1.02	-0.99	0.58	-0.21
		249	33.19	-1.25	-12.06	-6.62	-6.69	-5.41	5.24	3.04	3.19	5.09	-0.56
120	4	218	36.87	6.81	-31.52	-21.68	-3.03	-16.74	0.34	-0.03	0.03	0.27	-0.14
		252	29.65	2.11	-26.54	-20.05	-4.38	-12.00	-0.29	-1.10	-0.34	-1.06	-0.18
		255	37.95	13.90	-22.99	-9.70	0.61	-17.71	0.66	-1.39	0.64	-1.37	0.18
		249	39.77	1.56	-24.63	-10.74	-12.33	-13.07	-2.55	-4.34	-2.57	-4.32	0.17
121	1	270	16.58	4.88	-7.80	-2.08	-0.84	-6.31	0.36	-0.74	-0.03	-0.35	-0.52
		280	18.30	6.36	-6.31	0.38	-0.33	-6.33	1.16	-0.21	0.58	0.37	-0.68
		192	13.95	3.85	-8.84	-1.67	-3.31	-6.29	-0.04	-0.49	-0.22	-0.31	-0.22
		231	14.52	7.50	-5.84	0.70	0.96	-6.67	-0.21	-1.36	-0.21	-1.36	0.04
121	2	270	39.35	15.60	-27.80	-8.38	-3.81	-21.58	-0.05	-1.07	-0.05	-1.06	0.08
		280	33.89	20.89	-17.58	2.91	0.39	-19.20	0.90	0.49	0.90	0.49	0.01
		192	41.28	12.31	-33.31	-7.95	-13.05	-22.67	-0.08	-0.21	-0.13	-0.16	0.06
		231	51.47	24.46	-24.32	-2.38	2.53	-24.27	0.86	-0.94	0.20	-0.28	0.87
121	3	270	10.83	4.14	-6.43	-1.59	-0.70	-5.27	0.07	-0.28	-0.01	-0.19	-0.15
		280	10.79	5.11	-4.77	0.43	-0.09	-4.94	0.41	-7.24e-03	0.25	0.15	-0.20
		192	10.03	2.89	-7.45	-1.64	-2.92	-5.13	-0.03	-0.16	-0.07	-0.11	-0.06
		231	10.63	5.99	-4.76	0.35	0.87	-5.37	-0.03	-0.45	-0.05	-0.43	0.08
121	4	270	17.66	7.32	-12.35	-3.46	-1.58	-9.79	-0.02	-0.41	-0.02	-0.40	0.03
		280	15.40	9.42	-8.11	1.18	0.12	-8.75	0.34	0.19	0.34	0.19	1.65e-03
		192	18.16	5.40	-14.70	-3.50	-5.80	-9.99	-0.03	-0.08	-0.05	-0.07	0.02
		231	21.89	11.01	-10.23	-0.56	1.34	-10.58	0.32	-0.36	0.07	-0.11	0.33
122	1	203	21.43	2.45	-11.23	-9.17	0.39	-4.89	2.49	-0.48	-0.25	2.27	0.78
		241	13.77	0.64	-9.19	-7.55	-0.99	-3.66	1.67	0.87	0.87	1.67	0.04
		239	17.99	6.24	-9.74	-5.59	2.09	-7.01	-0.02	-0.90	-0.34	-0.58	-0.43
		237	25.16	0.01	-11.79	-7.72	-4.06	-5.61	2.45	-0.43	0.44	1.58	-1.32
122	2	203	64.12	16.03	-48.49	-33.20	0.73	-27.44	2.17	0.54	0.67	2.04	-0.44
		241	44.13	3.69	-35.17	-25.53	-5.95	-16.78	0.15	-1.63	-0.31	-1.17	-0.78
		239	73.18	27.61	-40.76	-21.67	8.52	-30.67	1.91	-2.58	1.91	-2.58	0.05
		237	84.88	-1.36	-48.75	-24.46	-25.64	-23.68	-6.16	-9.93	-6.19	-9.90	0.33



122	3	203	12.86	2.13	-9.91	-7.91	0.14	-4.48	0.88	-0.07	-0.02	0.84	0.20
		241	8.72	0.83	-7.95	-6.31	-0.81	-3.42	0.42	0.22	0.24	0.40	-0.05
		239	11.86	5.12	-7.73	-3.97	1.36	-5.85	0.08	-0.42	0.05	-0.38	-0.12
		237	13.61	0.82	-8.85	-4.89	-3.14	-4.75	0.02	-0.72	-0.37	-0.33	-0.37
122	4	203	26.73	6.12	-20.92	-15.03	0.24	-11.16	0.82	0.20	0.25	0.77	-0.16
		241	19.04	1.72	-15.64	-11.64	-2.28	-7.31	0.06	-0.61	-0.12	-0.44	-0.29
		239	29.64	11.46	-16.93	-8.73	3.26	-12.86	0.72	-0.98	0.72	-0.98	0.02
		237	33.02	0.42	-19.80	-9.85	-9.53	-10.11	-2.32	-3.74	-2.33	-3.73	0.12
123	1	1728	13.70	5.29	-1.84	3.50	-0.04	3.09	0.62	-0.17	0.22	0.24	-0.39
		1729	13.15	5.91	-1.44	4.67	-0.20	2.75	0.32	-0.32	-0.10	0.10	-0.30
		1686	29.88	0.12	-22.41	-22.40	0.12	0.31	0.42	-0.22	0.16	0.05	-0.31
		1687	35.46	-0.01	-27.73	-27.73	-0.02	0.26	0.33	-0.41	-0.01	-0.07	-0.37
123	2	1728	76.42	29.30	-26.90	3.92	-1.52	27.97	1.23	-0.68	0.33	0.23	0.95
		1729	73.66	25.86	-26.15	1.32	-1.60	25.96	1.03	-1.14	-0.21	0.11	1.07
		1686	74.61	0.60	-57.62	-57.39	0.37	3.65	1.16	-0.90	0.20	0.07	1.03
		1687	148.48	0.15	-116.23	-116.03	-0.06	4.83	0.94	-1.23	-0.15	-0.14	1.08
123	3	1728	7.40	3.66	-2.54	1.22	-0.11	3.03	0.13	0.05	0.09	0.09	-0.04
		1729	6.63	3.51	-2.24	1.44	-0.17	2.76	0.04	-0.05	-0.05	0.04	-7.76e-03
		1686	14.26	0.09	-10.96	-10.95	0.08	0.38	0.07	0.01	0.06	0.02	-0.02
		1687	21.17	0.01	-16.90	-16.89	3.44e-03	0.41	-2.24e-03	-0.05	-0.02	-0.03	-0.02
123	4	1728	28.42	10.84	-10.04	1.35	-0.55	10.40	0.46	-0.25	0.13	0.08	0.36
		1729	27.35	9.58	-9.72	0.45	-0.58	9.64	0.38	-0.43	-0.08	0.04	0.40
		1686	27.73	0.24	-21.40	-21.32	0.15	1.37	0.43	-0.33	0.07	0.03	0.38
		1687	55.15	0.06	-43.13	-43.05	-7.77e-03	1.77	0.35	-0.46	-0.06	-0.05	0.41
124	1	204	29.53	3.50	-7.24	-3.78	0.04	-5.02	4.10	0.36	0.59	3.87	-0.90
		228	23.90	2.34	-7.37	-4.40	-0.63	-4.47	2.33	-0.63	0.36	1.33	-1.40
		270	17.16	5.25	-6.66	-2.24	0.83	-5.75	1.76	-0.08	1.56	0.12	-0.57
		246	35.74	2.01	-7.99	-3.99	-2.00	-4.90	-3.24	-5.73	-3.69	-5.29	-0.96
124	2	204	45.12	17.20	-25.88	-8.78	0.11	-21.08	2.58	0.97	1.23	2.32	-0.59
		228	32.37	4.17	-22.34	-14.38	-3.79	-12.15	1.08	-0.71	0.27	0.10	-0.89
		270	41.33	19.30	-22.35	-8.68	5.63	-19.56	2.24	-0.43	2.22	-0.41	-0.24
		246	57.96	-2.15	-32.07	-15.96	-18.26	-14.92	-4.48	-7.01	-4.53	-6.96	0.36
124	3	204	13.94	2.91	-6.18	-3.25	-0.02	-4.25	1.44	0.19	0.28	1.35	-0.32
		228	11.71	1.80	-5.61	-3.29	-0.51	-3.43	0.78	-0.24	0.13	0.41	-0.49
		270	10.54	4.53	-5.47	-1.71	0.77	-4.84	0.70	-0.05	0.65	3.01e-03	-0.19
		246	16.68	1.54	-6.51	-2.96	-2.02	-4.00	-1.39	-2.24	-1.48	-2.15	-0.26
124	4	204	19.10	6.95	-11.68	-4.73	1.06e-03	-9.01	0.99	0.37	0.47	0.89	-0.23
		228	14.37	2.34	-10.04	-6.25	-1.45	-5.71	0.42	-0.27	0.11	0.05	-0.34
		270	17.96	8.68	-10.11	-3.62	2.19	-8.93	0.85	-0.16	0.84	-0.15	-0.09
		246	23.05	0.29	-13.64	-6.51	-6.83	-6.96	-1.71	-2.67	-1.73	-2.65	0.14
125	1	250	47.19	3.49	-28.71	-21.65	-3.57	-13.33	3.87	0.68	1.62	2.94	1.45
		238	40.50	2.64	-22.53	-17.88	-2.01	-9.77	3.44	-0.63	0.50	2.31	1.82
		242	49.28	3.89	-22.79	-16.76	-2.13	-11.16	4.17	-0.96	0.94	2.27	2.48
		217	66.34	2.39	-30.31	-22.17	-5.76	-14.15	10.63	4.29	4.29	10.63	1.43e-03
125	2	250	109.79	9.10	-104.52	-87.77	-7.65	-40.28	-0.57	-1.35	-0.57	-1.35	-0.04
		238	97.81	9.93	-91.29	-74.70	-6.66	-37.48	-0.35	-0.99	-0.37	-0.97	0.12
		242	96.72	13.84	-88.30	-67.51	-6.95	-41.13	-0.54	-1.36	-0.54	-1.36	0.05
		217	108.60	11.13	-98.01	-77.58	-9.31	-42.58	-1.08	-3.38	-1.12	-3.34	0.29
125	3	250	25.04	1.71	-20.22	-16.81	-1.71	-7.95	1.06	0.14	0.43	0.77	0.43
		238	22.04	1.66	-17.33	-14.49	-1.18	-6.77	0.97	-0.24	0.12	0.61	0.55
		242	24.38	2.38	-16.79	-13.18	-1.23	-7.50	1.16	-0.36	0.24	0.57	0.74
		217	26.05	1.61	-19.71	-15.61	-2.49	-8.40	2.89	1.18	1.18	2.89	0.03
125	4	250	44.73	3.46	-42.77	-36.40	-2.92	-15.94	-0.21	-0.50	-0.21	-0.50	-0.01
		238	40.21	3.82	-37.71	-31.33	-2.56	-14.98	-0.13	-0.37	-0.14	-0.36	0.05
		242	39.45	5.34	-36.21	-28.21	-2.66	-16.38	-0.20	-0.51	-0.20	-0.51	0.02
		217	43.83	4.26	-39.83	-32.02	-3.54	-16.83	-0.40	-1.26	-0.42	-1.25	0.11
126	1	240	35.01	2.29	-21.34	-18.73	-0.32	-7.41	1.27	-1.68	0.17	-0.58	1.42
		210	25.23	2.12	-17.04	-14.71	-0.21	-6.26	1.81	-3.09e-03	0.58	1.23	0.85
		244	40.55	2.38	-17.96	-15.27	-0.32	-6.89	4.33	-0.78	0.71	2.84	2.32
		238	47.33	2.28	-21.90	-18.75	-0.88	-8.15	4.17	-1.31	0.99	1.86	2.71
126	2	240	99.36	7.30	-94.69	-85.80	-1.59	-28.77	0.03	-0.12	-0.10	0.01	-0.04
		210	83.44	8.55	-78.19	-68.02	-1.62	-27.91	-9.18e-03	-0.12	-0.11	-0.01	-0.02
		244	83.52	10.35	-77.55	-65.22	-1.98	-30.53	-0.35	-1.01	-0.37	-1.00	-0.10
		238	96.39	9.66	-90.67	-79.06	-1.95	-32.09	-0.38	-0.78	-0.39	-0.77	-0.06
126	3	240	21.29	1.25	-17.58	-16.14	-0.19	-5.01	0.37	-0.50	0.04	-0.17	0.42
		210	17.07	1.37	-14.77	-13.22	-0.18	-4.76	0.53	-6.46e-03	0.16	0.36	0.25
		244	20.24	1.65	-14.72	-12.87	-0.20	-5.19	1.22	-0.27	0.18	0.76	0.68
		238	23.64	1.46	-17.06	-15.20	-0.40	-5.57	1.19	-0.43	0.26	0.49	0.80
126	4	240	41.06	2.75	-39.33	-36.01	-0.57	-11.34	0.01	-0.04	-0.04	5.56e-03	-0.01
		210	34.87	3.27	-32.88	-29.01	-0.60	-11.17	-3.16e-03	-0.04	-0.04	-4.02e-03	-5.81e-03
		244	34.60	4.00	-32.36	-27.67	-0.70	-12.19	-0.13	-0.38	-0.14	-0.37	-0.03
		238	39.55	3.65	-37.43	-33.07	-0.71	-12.66	-0.14	-0.29	-0.14	-0.29	-0.02
127	1	238	45.92	2.57	-21.71	-17.29	-1.85	-9.36	3.78	-1.30	0.67	1.81	2.48
		244	36.49	2.08	-18.13	-14.52	-1.53	-7.74	4.19	-0.23	0.48	3.48	1.62
		218	41.37	3.10	-18.76	-14.25	-1.42	-8.85	5.13	-0.51	0.06	4.56	1.70
		242	52.08	1.60	-22.53	-18.00	-2.92	-9.42	6.35	0.57	1.89	5.02	2.43
127	2	238	96.94	9.96	-90.57	-74.28	-6.32	-37.04	-0.37	-0.68	-0.38	-0.67	-0.07



		244	83.51	9.99	-77.71	-60.95	-6.76	-34.48	-0.35	-1.14	-0.36	-1.14	-0.04
		218	85.47	12.13	-77.41	-57.85	-7.43	-37.00	-0.55	-2.15	-0.58	-2.13	-0.20
		242	93.73	11.86	-86.34	-67.25	-7.23	-38.86	-0.71	-1.51	-0.73	-1.48	0.14
127	3	238	23.39	1.58	-16.98	-14.28	-1.11	-6.54	1.08	-0.42	0.17	0.48	0.73
		244	18.95	1.53	-14.79	-12.20	-1.06	-5.96	1.16	-0.11	0.11	0.94	0.48
		218	19.29	2.05	-14.70	-11.59	-1.07	-6.52	1.36	-0.20	-0.03	1.19	0.49
		242	24.07	1.51	-16.53	-13.52	-1.50	-6.73	1.79	0.09	0.50	1.37	0.73
127	4	238	39.76	3.78	-37.38	-31.17	-2.44	-14.74	-0.14	-0.25	-0.14	-0.25	-0.02
		244	34.68	3.86	-32.42	-25.96	-2.61	-13.88	-0.13	-0.43	-0.13	-0.43	-0.01
		218	35.06	4.71	-32.06	-24.51	-2.85	-14.86	-0.21	-0.81	-0.22	-0.80	-0.07
		242	38.24	4.54	-35.43	-28.11	-2.78	-15.45	-0.26	-0.56	-0.27	-0.55	0.05
128	1	236	169.98	13.96	-11.26	-9.74	12.43	-6.01	30.66	17.37	20.95	27.07	-5.90
		247	124.43	1.87	-34.18	-19.11	-13.20	-17.78	14.25	-5.41	-4.17	13.02	-4.77
		248	79.32	13.36	-15.81	-6.30	3.86	-13.67	8.79	-1.41	4.20	3.19	-5.08
		196	82.18	2.43	-35.92	-24.95	-8.53	-17.33	-5.76	-12.05	-5.89	-11.93	-0.87
128	2	236	89.35	31.11	-46.80	-20.26	4.57	-36.92	-3.89	-7.53	-4.54	-6.88	1.39
		247	112.30	28.96	-77.19	-33.82	-14.41	-52.18	0.85	-5.02	0.62	-4.78	1.14
		248	83.00	48.72	-40.97	6.11	1.65	-44.79	-0.49	-1.41	-0.97	-0.92	0.46
		196	78.88	35.38	-50.97	-7.87	-7.72	-43.17	3.26	1.64	1.64	3.26	0.04
128	3	236	50.49	6.69	-7.86	-5.11	3.94	-5.70	8.51	4.84	5.86	7.49	-1.64
		247	42.23	3.67	-17.63	-8.93	-5.02	-10.47	3.83	-1.54	-1.19	3.49	-1.32
		248	30.91	9.01	-8.36	-0.60	1.25	-8.63	2.50	-0.46	1.17	0.87	-1.47
		196	27.95	4.65	-14.76	-7.10	-3.01	-9.49	-1.58	-3.32	-1.62	-3.28	-0.26
128	4	236	35.08	12.34	-18.96	-8.23	1.61	-14.86	-1.45	-2.81	-1.69	-2.57	0.52
		247	44.06	11.70	-30.37	-13.29	-5.38	-20.66	0.32	-1.88	0.23	-1.79	0.43
		248	33.00	19.73	-16.06	3.08	0.59	-17.86	-0.18	-0.52	-0.36	-0.34	0.17
		196	31.09	14.74	-19.55	-2.04	-2.77	-17.14	1.22	0.61	0.61	1.22	0.01
129	1	242	68.76	3.52	-26.01	-18.69	-3.80	-12.75	10.48	0.48	0.72	10.24	1.53
		218	25.13	1.69	-15.52	-12.47	-1.36	-6.57	1.71	0.40	1.24	0.87	0.63
		249	108.40	5.69	-31.14	-12.94	-12.51	-18.41	18.96	6.18	6.54	18.60	-2.11
		247	96.03	7.80	-24.18	-16.51	0.12	-13.66	12.70	-1.02	-0.90	12.58	-1.29
129	2	242	109.90	13.43	-93.87	-67.55	-12.89	-46.16	-1.02	-4.35	-1.14	-4.22	0.63
		218	80.09	11.64	-70.44	-51.79	-7.01	-34.39	0.86	-0.58	-0.28	0.56	0.59
		249	128.63	29.24	-88.44	-27.04	-32.16	-58.78	-5.90	-11.37	-6.00	-11.27	0.72
		247	102.97	35.41	-64.75	-30.55	1.21	-47.50	1.43	-4.23	1.42	-4.21	0.33
129	3	242	25.97	2.21	-18.11	-13.66	-2.24	-8.41	2.80	0.03	0.12	2.71	0.50
		218	16.83	1.62	-13.20	-10.51	-1.07	-5.71	0.56	0.09	0.35	0.30	0.24
		249	32.51	4.77	-17.60	-6.55	-6.28	-11.18	4.72	1.37	1.47	4.63	-0.57
		247	32.24	5.76	-13.64	-7.92	0.04	-8.85	3.43	-0.19	-0.15	3.40	-0.36
129	4	242	44.26	5.14	-38.20	-28.13	-4.93	-18.30	-0.38	-1.63	-0.43	-1.58	0.24
		218	33.10	4.55	-29.46	-22.16	-2.75	-13.96	0.33	-0.22	-0.10	0.21	0.22
		249	49.73	11.74	-34.57	-10.72	-12.10	-23.15	-2.21	-4.26	-2.25	-4.23	0.27
		247	40.42	14.01	-25.73	-12.08	0.37	-18.87	0.54	-1.58	0.53	-1.57	0.12
130	1	247	78.43	3.00	-26.17	-17.74	-5.44	-13.22	12.68	2.23	2.28	12.63	-0.68
		249	66.46	18.88	-22.98	-8.45	4.35	-19.93	7.13	-0.77	-0.76	7.12	-0.31
		195	58.36	5.82	-26.95	-15.68	-5.45	-15.56	-1.40	-5.92	-2.75	-4.57	-2.07
		248	90.90	16.20	-23.72	-8.30	0.79	-19.44	7.25	-3.55	1.16	2.54	-5.36
130	2	247	91.81	22.99	-70.79	-33.42	-14.37	-45.91	0.21	-4.73	0.18	-4.70	-0.37
		249	119.28	56.17	-70.42	-18.94	4.70	-62.18	-3.13	-6.35	-3.24	-6.24	-0.58
		195	91.16	32.37	-62.51	-19.53	-10.60	-47.23	3.27	1.50	1.61	3.16	0.43
		248	95.34	55.41	-47.72	6.60	1.09	-51.49	-0.39	-1.47	-0.88	-0.97	0.54
130	3	247	26.44	3.42	-14.63	-8.49	-2.73	-8.55	3.40	0.67	0.69	3.38	-0.23
		249	27.52	10.80	-13.90	-4.64	1.54	-11.96	1.63	-0.49	-0.48	1.62	-0.14
		195	24.11	5.60	-13.38	-5.40	-2.38	-9.37	-0.28	-1.51	-0.69	-1.11	-0.58
		248	35.15	10.46	-11.32	-1.13	0.28	-10.87	2.04	-1.08	0.28	0.68	-1.55
130	4	247	36.11	9.39	-27.90	-13.13	-5.37	-18.24	0.08	-1.77	0.07	-1.76	-0.14
		249	46.78	21.87	-27.97	-7.75	1.64	-24.47	-1.18	-2.38	-1.22	-2.34	-0.22
		195	35.77	13.58	-24.02	-6.54	-3.91	-18.75	1.23	0.56	0.60	1.19	0.16
		248	37.62	22.24	-18.60	3.28	0.37	-20.37	-0.15	-0.55	-0.33	-0.36	0.20
131	1	246	19.56	4.34	-5.92	-1.91	0.33	-5.01	-2.09	-3.27	-2.10	-3.26	0.05
		270	12.64	4.46	-7.76	-2.00	-1.31	-6.10	0.84	-0.25	0.83	-0.24	-0.10
		231	13.72	6.74	-5.83	0.63	0.28	-6.28	-0.93	-1.54	-0.93	-1.54	-0.04
		193	15.61	4.90	-7.60	-1.53	-1.17	-6.25	1.63	0.71	0.83	1.51	-0.31
131	2	246	45.78	14.20	-15.91	-5.48	3.77	-14.33	-2.98	-5.42	-3.82	-4.58	1.16
		270	45.88	11.97	-30.36	-9.12	-9.27	-21.17	1.82	-1.05	1.72	-0.95	0.54
		231	48.99	22.33	-21.50	-0.79	1.61	-21.88	0.33	-1.76	-0.79	-0.65	1.04
		193	46.48	10.66	-34.07	-16.02	-7.38	-21.94	2.05	0.80	0.91	1.93	0.36
131	3	246	10.91	3.61	-4.57	-1.26	0.31	-4.01	-0.91	-1.38	-0.94	-1.35	0.11
		270	9.71	3.76	-6.44	-1.50	-1.18	-5.10	0.39	-0.15	0.39	-0.15	0.01
		231	9.92	5.31	-4.75	0.36	0.21	-5.03	-0.32	-0.54	-0.34	-0.52	0.07
		193	9.58	3.92	-6.02	-1.21	-0.89	-4.97	0.62	0.31	0.32	0.61	-0.06
131	4	246	19.25	6.52	-7.51	-2.32	1.33	-6.77	-1.13	-2.06	-1.45	-1.74	0.44
		270	19.92	5.99	-13.14	-3.61	-3.54	-9.56	0.69	-0.40	0.65	-0.36	0.20
		231	20.90	9.92	-9.39	-0.07	0.60	-9.65	0.12	-0.67	-0.30	-0.25	0.39
		193	19.53	5.60	-13.84	-5.51	-2.73	-9.62	0.78	0.30	0.35	0.73	0.14
132	1	228	20.66	1.78	-8.26	-5.50	-0.98	-4.49	2.04	-0.32	-0.04	1.76	-0.77
		202	9.57	4.40	-3.45	-0.44	1.39	-3.82	0.81	0.23	0.71	0.32	-0.22



		280	19.22	6.19	-6.47	-0.72	0.45	-6.30	1.32	-0.23	0.53	0.56	-0.77
		270	17.26	4.98	-7.09	-1.56	-0.54	-6.01	0.29	-1.02	-0.17	-0.55	-0.63
132	2	228	31.48	3.32	-26.36	-17.90	-5.13	-13.40	1.88	0.19	1.51	0.55	-0.70
		202	24.54	18.04	-7.52	2.38	8.14	-12.45	-0.01	-0.83	-0.82	-0.02	-0.10
		280	35.35	20.04	-19.37	-3.17	3.84	-19.39	0.74	-0.02	0.71	8.78e-03	-0.15
		270	37.72	16.17	-25.02	-5.12	-3.73	-20.58	-0.10	-1.16	-0.10	-1.15	-0.09
132	3	228	10.25	1.26	-6.27	-3.97	-1.04	-3.47	0.72	-0.02	0.12	0.58	-0.29
		202	7.04	4.62	-2.40	0.46	1.76	-3.45	0.20	0.04	0.14	0.10	-0.07
		280	11.11	4.80	-5.08	-0.81	0.53	-4.90	0.44	-0.06	0.21	0.16	-0.24
		270	11.03	4.41	-5.85	-1.09	-0.34	-5.12	0.06	-0.38	-0.06	-0.26	-0.20
132	4	228	13.87	1.72	-11.63	-7.65	-2.27	-6.11	0.72	0.08	0.58	0.22	-0.27
		202	11.55	8.66	-3.60	1.30	3.76	-6.01	1.08e-03	-0.31	-0.31	-3.88e-03	-0.04
		280	15.91	8.91	-8.91	-1.54	1.54	-8.78	0.28	-0.01	0.27	6.94e-04	-0.06
		270	17.06	7.72	-11.16	-2.14	-1.29	-9.43	-0.04	-0.44	-0.04	-0.44	-0.04
133	1	252	32.88	0.10	-13.63	-9.53	-4.01	-6.29	3.79	-0.68	-0.20	3.31	1.39
		251	19.49	0.79	-13.45	-9.25	-3.41	-6.50	1.54	0.06	0.22	1.38	0.45
		203	23.93	2.49	-11.39	-6.38	-2.52	-6.66	3.19	0.55	0.63	3.10	-0.45
133	2	252	66.75	8.08	-61.94	-32.95	-20.90	-34.49	-0.24	-0.69	-0.24	-0.68	0.05
		251	67.46	7.55	-62.24	-35.70	-18.99	-33.88	0.43	0.03	0.09	0.37	-0.15
		203	55.65	11.60	-47.64	-21.85	-14.19	-29.37	0.59	0.18	0.33	0.45	-0.20
133	3	252	16.79	0.77	-11.84	-7.65	-3.42	-5.94	1.08	-0.23	-0.08	0.93	0.42
		251	13.85	0.93	-12.04	-8.06	-3.06	-5.98	0.48	0.04	0.07	0.44	0.12
		203	13.22	1.84	-10.00	-5.63	-2.52	-5.71	0.99	0.18	0.21	0.96	-0.15
133	4	252	27.92	3.12	-26.13	-14.59	-8.43	-14.30	-0.09	-0.26	-0.09	-0.25	0.02
		251	28.45	2.90	-26.47	-15.90	-7.67	-14.09	0.16	0.01	0.03	0.14	-0.05
		203	23.77	4.52	-20.72	-10.22	-5.98	-12.44	0.23	0.07	0.13	0.17	-0.07
134	1	244	37.40	1.10	-17.10	-10.76	-5.24	-8.67	4.08	-0.49	-0.06	3.64	1.34
		210	23.18	1.41	-16.56	-10.73	-4.42	-8.41	1.55	0.03	0.21	1.37	0.49
		251	19.24	1.92	-13.39	-8.55	-2.93	-7.12	1.13	-0.21	-9.84e-03	0.93	0.47
134	2	244	81.11	7.92	-76.46	-45.38	-23.16	-40.70	-0.41	-1.06	-0.45	-1.02	0.15
		210	81.76	7.12	-77.37	-48.99	-21.26	-39.90	-2.41e-03	-0.10	-0.07	-0.03	-0.05
		251	68.33	10.01	-62.13	-35.00	-17.12	-34.95	0.23	0.03	0.07	0.18	-0.08
134	3	244	19.25	1.02	-14.34	-9.38	-3.94	-7.19	1.14	-0.20	-0.05	1.00	0.41
		210	16.38	1.05	-14.50	-9.94	-3.51	-7.08	0.46	5.92e-03	0.06	0.41	0.14
		251	14.11	1.47	-12.11	-7.77	-2.88	-6.34	0.34	-0.05	2.74e-03	0.29	0.13
134	4	244	33.70	3.02	-31.91	-19.64	-9.25	-16.67	-0.15	-0.40	-0.17	-0.38	0.06
		210	34.15	2.72	-32.49	-21.27	-8.51	-16.41	-9.17e-04	-0.04	-0.03	-0.01	-0.02
		251	28.88	3.85	-26.54	-15.61	-7.08	-14.58	0.09	0.01	0.03	0.07	-0.03
135	1	249	89.84	7.53	-10.12	-8.18	5.59	-5.52	16.14	8.25	11.30	13.10	-3.84
		255	65.14	2.09	-19.55	-11.58	-5.88	-10.44	5.49	-4.06	-3.24	4.67	-2.67
		256	61.39	10.49	-10.90	-3.07	2.66	-10.30	5.45	-3.01	2.13	0.31	-4.13
		195	50.65	2.66	-23.07	-14.89	-5.52	-11.99	-2.35	-6.18	-2.97	-5.56	-1.41
135	2	249	80.50	26.00	-37.89	-17.20	5.31	-29.90	-4.22	-7.96	-5.09	-7.09	1.58
		255	98.35	22.96	-65.69	-29.09	-13.64	-43.65	1.32	-4.52	1.03	-4.24	1.26
		256	74.69	38.66	-37.21	-0.45	1.90	-37.92	-0.18	-1.85	-1.03	-1.00	0.83
		195	71.87	25.10	-49.92	-16.21	-8.61	-37.31	3.27	1.57	1.59	3.25	0.19
135	3	249	27.24	4.80	-7.22	-4.38	1.96	-5.11	4.17	2.11	2.95	3.33	-1.01
		255	24.72	3.40	-12.49	-6.27	-2.81	-7.75	1.27	-1.10	-0.88	1.05	-0.69
		256	24.74	7.59	-6.90	-0.22	0.91	-7.22	1.47	-0.91	0.55	0.01	-1.16
		195	19.97	4.16	-11.17	-4.82	-2.19	-7.55	-0.56	-1.59	-0.75	-1.39	-0.40
135	4	249	31.86	10.53	-15.70	-7.05	1.88	-12.33	-1.58	-2.98	-1.91	-2.66	0.59
		255	39.03	9.59	-26.16	-11.46	-5.11	-17.59	0.49	-1.70	0.39	-1.59	0.47
		256	30.05	16.03	-14.78	0.56	0.69	-15.41	-0.07	-0.69	-0.39	-0.37	0.31
		195	28.51	10.93	-19.25	-5.21	-3.11	-15.06	1.23	0.59	0.60	1.22	0.07
136	1	252	38.09	1.63	-14.77	-11.67	-1.47	-6.42	4.39	-1.67	-0.93	3.64	1.99
		203	22.96	1.39	-10.46	-8.46	-0.61	-4.44	3.26	1.41	1.60	3.07	0.56
		237	36.99	4.85	-16.00	-6.53	-4.62	-10.38	0.48	-3.36	-3.05	0.18	-1.04
		255	40.59	5.01	-15.17	-9.90	-0.25	-8.86	5.12	0.69	0.93	4.88	-1.00
136	2	252	80.26	10.93	-68.22	-45.92	-11.37	-35.61	-0.25	-2.56	-0.32	-2.49	0.40
		203	50.67	10.16	-43.09	-29.18	-3.75	-23.39	1.79	0.03	0.08	1.74	0.30
		237	105.81	23.60	-73.35	-19.75	-30.00	-48.20	-4.79	-9.52	-4.94	-9.36	0.84
		255	88.98	29.58	-53.79	-24.85	0.64	-39.69	1.27	-4.02	1.22	-3.97	0.52
136	3	252	18.06	1.48	-12.65	-9.68	-1.50	-5.76	1.15	-0.57	-0.30	0.88	0.63
		203	13.01	1.45	-9.34	-7.24	-0.66	-4.28	1.11	0.43	0.48	1.06	0.19
		237	19.61	4.23	-12.05	-3.95	-3.86	-8.14	-0.62	-1.39	-1.31	-0.71	-0.24
		255	17.06	4.65	-10.22	-5.43	-0.15	-6.95	1.21	0.30	0.38	1.13	-0.26
136	4	252	33.08	4.21	-28.47	-19.83	-4.43	-14.41	-0.09	-0.96	-0.12	-0.94	0.15
		203	21.82	4.04	-19.00	-13.38	-1.58	-9.90	0.68	0.01	0.03	0.66	0.12
		237	41.43	9.80	-29.05	-7.87	-11.38	-19.35	-1.81	-3.59	-1.87	-3.53	0.32
		255	35.35	11.97	-21.71	-9.86	0.12	-16.09	0.48	-1.51	0.46	-1.49	0.19
137	1	255	38.94	3.86	-15.67	-10.53	-1.29	-8.61	5.09	1.27	2.02	4.34	-1.52
		237	46.43	9.70	-13.64	-5.17	1.22	-11.22	-1.87	-5.79	-5.25	-2.40	-1.35
		194	30.06	6.19	-14.67	-5.93	-2.55	-10.30	1.37	-0.92	0.13	0.32	-1.14
		256	64.66	10.96	-14.98	-4.36	0.33	-12.76	3.44	-4.65	-0.89	-0.32	-4.04
137	2	255	74.76	18.02	-59.24	-28.63	-12.60	-37.79	0.21	-4.02	0.20	-4.02	-0.16
		237	96.42	48.33	-56.26	-12.74	4.81	-51.55	-2.45	-5.35	-2.49	-5.32	-0.30
		194	79.31	23.62	-56.90	-23.11	-10.17	-39.74	2.90	1.20	1.34	2.76	0.47



137	3	256	85.54	44.47	-43.89	-0.30	0.89	-44.17	-0.03	-1.75	-0.72	-1.06	0.85
		255	17.37	3.38	-10.70	-5.92	-1.40	-6.67	1.29	0.30	0.62	0.97	-0.46
		237	22.83	7.68	-10.13	-3.08	0.63	-8.71	-0.93	-1.98	-1.76	-1.15	-0.43
137	4	194	16.03	5.18	-9.60	-2.91	-1.51	-7.36	0.55	-0.08	0.15	0.32	-0.30
		256	26.50	8.25	-8.68	-0.56	0.14	-8.46	0.88	-1.39	-0.32	-0.18	-1.13
		255	29.92	7.64	-23.68	-11.28	-4.75	-15.31	0.08	-1.51	0.08	-1.51	-0.06
		237	38.50	19.14	-22.77	-5.32	1.70	-20.66	-0.93	-2.02	-0.94	-2.01	-0.12
		194	31.51	10.34	-22.10	-8.00	-3.77	-16.08	1.09	0.45	0.51	1.04	0.18
138	1	256	34.13	18.24	-17.30	0.64	0.30	-17.77	-0.01	-0.66	-0.27	-0.40	0.31
		237	23.30	5.10	-8.19	-4.92	1.83	-5.72	2.62	0.13	1.76	1.00	-1.18
		239	22.48	3.91	-11.37	-5.36	-2.09	-7.46	0.34	-1.27	-0.79	-0.14	-0.74
		243	31.67	8.24	-7.64	-0.46	1.06	-7.90	1.30	-2.29	0.15	-1.14	-1.67
138	2	194	24.68	4.76	-12.47	-5.31	-2.40	-8.49	0.58	-1.18	-0.32	-0.27	-0.88
		237	65.64	20.09	-25.93	-11.45	5.60	-21.37	-4.09	-7.48	-5.04	-6.53	1.52
		239	75.82	16.46	-49.11	-20.67	-11.98	-32.50	1.73	-3.18	1.42	-2.88	1.19
		243	63.00	29.12	-30.06	-2.96	2.03	-29.48	0.13	-2.09	-0.96	-1.00	1.11
		194	61.72	15.75	-45.00	-20.46	-8.79	-29.81	2.98	1.27	1.35	2.91	0.35
138	3	237	10.57	4.01	-5.97	-2.85	0.89	-4.62	0.23	-0.34	0.12	-0.23	-0.23
		239	12.61	3.63	-8.89	-3.65	-1.61	-6.18	-0.05	-0.35	-0.12	-0.28	-0.12
		243	14.81	6.35	-5.66	0.23	0.46	-6.00	0.23	-0.68	-0.03	-0.42	-0.41
		194	13.13	4.24	-7.96	-2.42	-1.30	-6.07	0.33	-0.16	0.01	0.15	-0.23
138	4	237	26.42	8.47	-11.26	-4.79	2.00	-9.26	-1.54	-2.82	-1.90	-2.46	0.57
		239	30.85	7.36	-20.07	-8.18	-4.54	-13.59	0.65	-1.20	0.54	-1.09	0.45
		243	25.91	12.53	-12.29	-0.51	0.75	-12.40	0.04	-0.79	-0.36	-0.38	0.41
		194	24.86	7.48	-17.58	-6.90	-3.20	-12.39	1.12	0.48	0.51	1.10	0.13
		241	15.24	1.70	-9.65	-7.65	-0.30	-4.32	1.34	-0.33	-0.09	1.11	0.58
139	1	204	24.62	2.81	-6.78	-3.76	-0.22	-4.46	3.94	1.05	1.08	3.91	-0.33
		246	38.24	4.88	-10.63	-4.16	-1.58	-7.65	-4.56	-5.78	-4.72	-5.62	-0.41
		239	17.84	5.06	-9.50	-5.44	1.00	-6.53	1.61	-0.04	1.33	0.23	-0.61
		241	48.75	10.35	-39.70	-26.47	-2.87	-22.07	0.37	-1.25	0.37	-1.24	-0.08
		204	33.60	13.20	-22.00	-7.78	-1.03	-17.27	1.68	0.06	0.09	1.65	0.21
139	2	246	71.93	17.66	-51.40	-18.23	-15.51	-34.51	-2.79	-6.34	-2.87	-6.27	0.50
		239	64.06	22.66	-37.85	-20.43	5.24	-27.40	1.04	-2.63	1.03	-2.62	0.14
	3	241	10.40	1.61	-8.39	-6.42	-0.37	-3.98	0.32	-0.09	2.56e-03	0.23	0.17
		204	11.09	2.37	-5.75	-3.17	-0.21	-3.78	1.31	0.33	0.33	1.31	-0.08
		246	18.53	4.08	-8.95	-3.18	-1.69	-6.47	-1.64	-2.21	-1.65	-2.20	-0.08
139	4	239	11.20	4.38	-7.42	-3.83	0.79	-5.43	0.53	-0.19	0.49	-0.14	-0.17
		241	20.90	4.16	-17.28	-11.99	-1.13	-9.24	0.14	-0.47	0.14	-0.47	-0.03
		204	14.64	5.42	-10.23	-4.36	-0.45	-7.58	0.65	0.03	0.04	0.64	0.08
		246	29.16	7.87	-21.03	-7.35	-5.82	-14.43	-1.07	-2.42	-1.10	-2.39	0.19
		239	26.25	9.59	-15.82	-8.27	2.05	-11.61	0.40	-0.99	0.40	-0.99	0.05
140	1	239	24.22	4.29	-9.87	-5.00	-0.58	-6.73	2.01	-0.89	1.44	-0.32	-1.15
		246	38.43	7.21	-9.21	-2.08	0.07	-8.14	-3.15	-5.62	-4.43	-4.33	-1.24
		193	18.67	5.84	-9.21	-2.06	-1.31	-7.51	1.77	0.58	0.73	1.62	-0.39
		243	33.40	8.38	-9.19	-0.82	9.59e-03	-8.77	0.58	-2.79	-0.94	-1.27	-1.68
		239	56.41	14.88	-42.00	-19.44	-7.67	-27.83	0.21	-2.86	0.21	-2.86	0.14
140	2	246	66.24	35.02	-38.27	-5.91	2.67	-36.39	-1.16	-3.29	-1.16	-3.28	-0.13
		193	60.02	17.63	-43.24	-17.99	-7.62	-29.99	1.89	0.60	0.76	1.73	0.42
		243	69.92	32.16	-36.45	-4.05	-0.25	-34.25	0.39	-1.66	-0.39	-0.89	0.99
	3	239	13.23	3.50	-7.80	-3.44	-0.87	-5.50	0.57	-0.45	0.45	-0.33	-0.33
		246	18.51	6.26	-7.52	-1.41	0.16	-6.84	-1.11	-1.88	-1.42	-1.57	-0.38
140	4	193	11.47	4.62	-7.27	-1.64	-1.01	-5.93	0.65	0.26	0.28	0.63	-0.08
		243	16.13	6.71	-6.66	0.07	-0.02	-6.68	0.04	-0.81	-0.31	-0.45	-0.42
		239	23.35	6.65	-17.33	-7.71	-2.97	-11.75	0.09	-1.08	0.08	-1.08	0.05
		246	27.59	14.50	-16.13	-2.55	0.93	-15.22	-0.45	-1.26	-0.46	-1.26	-0.05
		193	24.65	8.10	-17.33	-6.36	-2.87	-12.59	0.72	0.23	0.29	0.66	0.16
141	1	243	28.56	13.75	-14.73	-0.89	-0.10	-14.23	0.14	-0.63	-0.15	-0.34	0.37
		267	94.96	7.05	-86.13	-75.37	-3.71	-29.78	1.11	-0.23	-0.16	1.04	-0.30
		268	92.91	8.00	-81.32	-69.53	-3.80	-30.24	1.76	-0.16	0.04	1.57	-0.58
		271	77.49	15.18	-62.20	-43.64	-3.38	-33.04	2.50	0.11	0.13	2.48	-0.22
		212	72.44	14.28	-60.80	-43.51	-3.00	-31.60	1.32	-0.62	-0.60	1.30	0.19
141	2	267	209.39	10.70	-202.30	-181.28	-10.32	-63.52	-0.13	-0.93	-0.42	-0.64	0.39
		268	198.42	10.48	-190.76	-170.32	-9.96	-60.78	-0.25	-1.14	-0.40	-0.99	0.33
		271	157.08	21.61	-142.90	-109.75	-11.53	-65.99	-0.84	-2.21	-0.88	-2.17	0.23
		212	156.94	21.53	-142.81	-109.07	-12.21	-66.39	-0.66	-2.01	-0.69	-1.99	0.18
		267	48.63	2.96	-45.71	-40.84	-1.91	-14.61	0.27	-0.09	-0.08	0.26	-0.06
141	3	268	46.88	3.22	-43.29	-38.16	-1.90	-14.57	0.44	-0.07	-0.02	0.39	-0.15
		271	37.63	6.29	-32.47	-24.28	-1.90	-15.83	0.57	-0.03	-0.03	0.57	-0.05
		212	36.20	6.00	-31.99	-24.13	-1.85	-15.38	0.25	-0.24	-0.23	0.23	0.07
	4	267	82.83	4.07	-80.16	-72.22	-3.87	-24.61	-0.05	-0.35	-0.15	-0.24	0.14
		268	78.67	4.01	-75.77	-68.03	-3.73	-23.62	-0.09	-0.42	-0.15	-0.37	0.12
141	4	271	61.81	8.25	-56.43	-43.87	-4.32	-25.59	-0.31	-0.82	-0.33	-0.81	0.08
		212	61.65	8.17	-56.31	-43.56	-4.58	-25.69	-0.25	-0.75	-0.26	-0.74	0.07
142	1	269	108.94	2.53	-103.49	-99.90	-1.06	-19.18	1.22	-0.29	0.10	0.83	-0.66
		205	99.68	3.43	-93.12	-88.65	-1.04	-20.28	1.61	-0.43	0.33	0.85	-0.99
		272	91.52	8.55	-76.70	-67.46	-0.70	-26.51	2.85	0.12	0.48	2.49	-0.92
		268	92.84	7.86	-81.41	-73.36	-0.19	-25.57	1.80	-0.11	0.06	1.63	-0.55



142	2	269	247.03	3.78	-244.55	-238.61	-2.17	-37.96	0.54	-0.16	0.08	0.30	0.33
		205	226.94	4.32	-224.61	-218.30	-1.99	-37.47	0.48	-0.11	0.05	0.33	0.26
		272	186.68	9.81	-180.30	-167.18	-3.31	-48.18	-0.50	-1.28	-0.55	-1.23	0.20
		268	198.80	10.48	-191.11	-178.00	-2.62	-49.70	-0.22	-1.15	-0.38	-0.99	0.35
142	3	269	57.17	1.04	-55.56	-54.07	-0.44	-9.06	0.36	-0.05	0.04	0.27	-0.17
		205	52.61	1.36	-50.74	-48.96	-0.41	-9.45	0.47	-0.10	0.10	0.28	-0.27
		272	45.34	3.26	-41.00	-37.34	-0.41	-12.20	0.75	-2.86e-03	0.10	0.64	-0.26
		268	46.82	3.13	-43.33	-40.00	-0.20	-11.99	0.45	-0.05	-0.01	0.41	-0.13
142	4	269	98.31	1.44	-97.38	-95.17	-0.77	-14.62	0.20	-0.06	0.03	0.11	0.12
		205	90.65	1.68	-89.75	-87.38	-0.69	-14.54	0.18	-0.04	0.02	0.12	0.10
		272	74.20	3.73	-71.80	-66.89	-1.18	-18.62	-0.19	-0.48	-0.21	-0.46	0.07
		268	78.77	3.97	-75.89	-71.00	-0.92	-19.14	-0.08	-0.43	-0.14	-0.37	0.13
143	1	268	93.17	7.91	-81.68	-69.79	-3.98	-30.39	1.98	-8.90e-03	0.20	1.77	-0.61
		272	91.99	8.67	-76.49	-63.43	-4.39	-30.69	2.76	-0.05	0.47	2.23	-1.09
		213	79.43	14.96	-62.48	-42.89	-4.63	-33.67	4.47	1.06	1.07	4.46	-0.23
		271	76.25	14.96	-61.40	-43.26	-3.19	-32.50	2.07	-0.15	-0.13	2.06	-0.18
143	2	268	199.35	10.59	-191.62	-170.81	-10.22	-61.44	-0.30	-1.22	-0.44	-1.08	0.33
		272	186.55	9.82	-179.82	-159.61	-10.39	-58.52	-0.39	-1.24	-0.56	-1.06	0.34
		213	152.77	18.87	-141.12	-109.12	-13.13	-64.00	-1.31	-3.19	-1.31	-3.19	-0.04
		271	154.36	20.72	-141.09	-109.20	-11.16	-64.36	-0.76	-1.98	-0.79	-1.95	0.19
143	3	268	46.96	3.18	-43.44	-38.28	-1.98	-14.63	0.49	-0.03	0.02	0.44	-0.15
		272	45.43	3.32	-40.90	-35.45	-2.13	-14.53	0.72	-0.04	0.10	0.58	-0.30
		213	37.71	5.97	-32.43	-24.06	-2.41	-15.86	1.08	0.21	0.22	1.08	-0.07
		271	37.11	6.11	-32.05	-24.12	-1.82	-15.49	0.46	-0.10	-0.10	0.46	-0.04
143	4	268	78.98	4.03	-76.07	-68.21	-3.83	-23.83	-0.11	-0.45	-0.16	-0.40	0.12
		272	74.16	3.76	-71.61	-63.94	-3.91	-22.78	-0.15	-0.46	-0.21	-0.40	0.13
		213	60.18	7.21	-55.81	-43.68	-4.92	-24.84	-0.49	-1.19	-0.49	-1.19	-0.01
		271	60.74	7.87	-55.72	-43.66	-4.18	-24.93	-0.28	-0.74	-0.29	-0.73	0.07
144	1	274	62.91	29.55	-24.87	5.34	-0.66	-27.05	-0.87	-3.89	-3.38	-1.38	1.14
		245	73.41	30.69	-34.85	-1.20	-2.96	-32.76	3.16	0.04	1.13	2.08	1.49
		275	77.63	43.04	-16.26	28.15	-1.37	-25.71	1.86	-3.24	-0.73	-0.65	2.55
		200	59.09	47.08	-9.86	34.07	3.14	-23.90	1.03	-0.61	0.24	0.18	0.82
144	2	274	85.87	50.41	-45.17	5.68	-0.44	-47.69	-0.36	-2.32	-0.38	-2.31	-0.16
		245	122.25	52.44	-83.16	-15.43	-15.30	-67.80	-0.63	-2.99	-0.64	-2.98	-0.13
		275	117.53	88.21	-32.79	58.14	-2.71	-52.29	0.68	-1.41	-0.27	-0.45	-1.04
		200	103.51	83.14	-25.41	56.42	1.31	-46.76	1.67	0.40	0.71	1.36	-0.55
144	3	274	26.09	13.35	-11.90	1.75	-0.29	-12.58	-0.41	-1.20	-1.03	-0.58	0.32
		245	32.30	13.95	-17.88	-1.90	-2.03	-15.92	0.77	-0.10	0.29	0.39	0.43
		275	32.42	21.18	-7.81	14.04	-0.67	-12.49	0.44	-0.91	-0.24	-0.23	0.68
		200	26.59	22.16	-5.09	15.88	1.19	-11.48	0.34	-0.06	0.13	0.16	0.20
144	4	274	33.55	19.54	-17.92	1.85	-0.23	-18.70	-0.13	-0.86	-0.14	-0.86	-0.06
		245	47.30	20.40	-32.20	-6.11	-5.68	-26.30	-0.23	-1.11	-0.24	-1.11	-0.05
		275	45.76	34.57	-12.71	22.93	-1.07	-20.37	0.25	-0.53	-0.10	-0.17	-0.39
		200	40.53	32.84	-9.69	22.50	0.65	-18.25	0.62	0.15	0.27	0.50	-0.20
145	1	271	79.44	15.25	-63.87	-42.01	-6.61	-35.38	3.45	0.92	1.00	3.37	-0.44
		213	82.35	15.21	-60.25	-39.45	-5.59	-33.72	2.95	-0.68	-0.52	2.79	-0.74
		276	102.91	28.38	-45.09	-5.47	-11.24	-36.62	9.60	3.71	4.86	8.45	2.34
		245	66.43	30.77	-31.62	-1.08	0.23	-31.19	1.73	-1.92	-1.59	1.40	1.04
145	2	271	165.65	21.35	-148.39	-107.74	-19.30	-72.44	-1.32	-3.86	-1.47	-3.71	0.60
		213	146.84	18.60	-133.54	-100.90	-14.04	-62.46	-0.37	-1.44	-0.64	-1.18	0.46
		276	157.62	50.16	-105.88	-18.68	-37.05	-77.47	-5.15	-8.68	-5.18	-8.65	-0.31
		245	112.43	55.29	-69.32	-13.29	-0.75	-61.99	1.06	-2.55	1.01	-2.50	-0.41
145	3	271	38.07	6.28	-33.32	-23.55	-3.49	-17.07	0.73	0.17	0.19	0.72	-0.08
		213	38.17	6.05	-31.18	-22.33	-2.79	-15.84	0.77	-0.24	-0.20	0.74	-0.18
		276	40.63	12.95	-22.68	-3.51	-6.23	-17.77	2.23	0.67	1.05	1.85	0.67
		245	28.85	14.09	-15.86	-1.73	-0.04	-14.95	0.33	-0.50	-0.40	0.23	0.28
145	4	271	64.92	8.13	-58.41	-43.03	-7.25	-28.05	-0.49	-1.44	-0.55	-1.38	0.23
		213	58.03	7.15	-52.98	-40.54	-5.30	-24.36	-0.14	-0.54	-0.24	-0.44	0.17
		276	60.28	19.40	-40.69	-7.42	-13.87	-29.87	-1.92	-3.23	-1.93	-3.22	-0.12
		245	43.57	21.37	-27.05	-5.35	-0.33	-24.08	0.39	-0.95	0.38	-0.93	-0.15
146	1	245	76.22	26.55	-33.75	-1.55	-5.66	-30.08	3.10	-2.56	-1.84	2.38	1.88
		276	99.35	36.94	-38.96	-3.63	1.61	-37.86	8.06	2.68	5.35	5.39	2.69
		199	62.86	34.48	-20.85	15.13	-1.50	-26.38	-0.43	-3.19	-1.42	-2.20	1.32
		275	79.16	46.18	-16.81	29.27	0.10	-27.91	3.03	-2.49	0.99	-0.46	2.67
146	2	245	118.02	42.67	-76.14	-15.47	-18.00	-59.39	0.78	-3.36	0.50	-3.09	-1.03
		276	157.27	77.81	-86.44	-11.25	2.61	-81.83	-3.23	-5.96	-3.90	-5.28	-1.17
		199	105.88	70.06	-49.43	26.20	-5.57	-57.60	2.44	1.25	1.27	2.42	-0.16
		275	125.77	95.83	-37.55	59.51	-1.23	-59.38	0.23	-1.60	-0.84	-0.53	-0.90
146	3	245	30.58	11.87	-16.90	-2.00	-3.03	-14.38	0.67	-0.70	-0.51	0.47	0.48
		276	40.45	17.67	-19.51	-2.43	0.59	-18.53	1.95	0.53	1.29	1.20	0.71
		199	28.00	17.16	-10.31	7.63	-0.78	-13.08	-0.01	-0.78	-0.33	-0.47	0.38
		275	33.70	22.71	-8.34	14.49	-0.12	-13.70	0.78	-0.72	0.23	-0.18	0.72
146	4	245	45.50	16.66	-29.47	-6.12	-6.69	-23.06	0.29	-1.25	0.19	-1.15	-0.38
		276	60.46	29.78	-33.57	-4.68	0.89	-31.56	-1.20	-2.21	-1.45	-1.97	-0.44
		199	41.20	27.70	-18.78	10.91	-1.98	-22.33	0.91	0.46	0.47	0.90	-0.06
		275	48.85	37.42	-14.49	23.45	-0.51	-23.03	0.09	-0.59	-0.31	-0.20	-0.34
147	1	278	89.25	-8.93	-91.53	-80.87	-19.59	-27.69	0.25	-0.31	-0.05	-8.69e-03	-0.28



		220	99.80	6.81	-92.08	-81.88	-3.39	-30.07	0.46	-0.47	-0.45	0.44	-0.14
		222	68.77	13.46	-60.77	-43.54	-3.77	-31.33	0.55	-0.27	-0.23	0.50	0.18
		214	53.87	2.90	-51.80	-39.63	-9.27	-22.75	0.09	-0.10	-0.03	0.02	0.09
147	2	278	208.64	-23.19	-215.96	-192.39	-46.77	-63.15	0.54	-0.56	0.03	-0.05	0.55
		220	226.37	12.60	-216.81	-195.30	-8.91	-66.87	0.31	-0.74	-0.12	-0.32	0.52
		222	163.34	25.31	-146.38	-110.27	-10.80	-69.97	-0.19	-1.08	-0.29	-0.98	0.29
		214	127.75	1.37	-125.61	-100.48	-23.77	-50.60	0.19	-0.12	0.09	-0.03	0.14
147	3	278	46.35	-5.32	-48.50	-43.26	-10.55	-14.09	0.03	-0.05	-0.01	-6.24e-03	-0.04
		220	51.47	3.13	-48.83	-43.99	-1.70	-15.09	0.11	-0.14	-0.14	0.11	-2.12e-03
		222	35.84	6.00	-32.32	-24.18	-2.14	-15.68	0.10	-0.12	-0.09	0.07	0.08
		214	28.15	0.48	-27.64	-21.96	-5.20	-11.29	0.04	-0.04	-2.60e-03	2.70e-03	0.04
147	4	278	82.23	-9.54	-85.37	-76.30	-18.60	-24.60	0.20	-0.21	9.31e-03	-0.02	0.20
		220	89.42	4.85	-85.79	-77.60	-3.34	-25.99	0.11	-0.28	-0.04	-0.12	0.19
		222	64.05	9.53	-57.71	-43.95	-4.23	-27.12	-0.07	-0.40	-0.11	-0.37	0.11
		214	50.08	0.04	-49.53	-39.99	-9.49	-19.54	0.07	-0.04	0.04	-0.01	0.05
148	1	221	129.52	-0.04	-126.18	-123.62	-2.59	-17.78	0.22	-0.53	-0.41	0.09	-0.28
		206	117.24	2.93	-111.79	-108.98	0.12	-17.73	0.67	-0.41	-0.23	0.50	-0.39
		267	95.55	6.99	-86.92	-79.78	-0.14	-24.88	1.04	-0.26	-0.23	1.01	-0.19
		220	96.18	5.36	-89.95	-83.86	-0.72	-23.30	0.38	-0.41	-0.41	0.38	-0.04
148	2	221	294.65	-0.63	-293.15	-287.72	-6.05	-39.47	0.62	-0.38	0.14	0.10	0.50
		206	265.17	5.56	-261.25	-256.03	0.34	-36.95	0.65	-0.27	0.12	0.26	0.45
		267	212.12	10.75	-204.30	-190.94	-2.60	-51.91	-0.07	-1.00	-0.31	-0.76	0.41
		220	220.07	9.53	-212.13	-199.56	-3.05	-51.27	0.33	-0.79	-0.07	-0.40	0.53
148	3	221	67.38	-0.10	-66.58	-65.40	-1.29	-8.80	0.05	-0.12	-0.11	0.04	-0.05
		206	61.25	1.41	-59.47	-58.24	0.17	-8.59	0.19	-0.09	-0.06	0.17	-0.08
		267	48.98	2.94	-46.18	-43.05	-0.19	-12.00	0.24	-0.09	-0.09	0.24	-0.02
		220	49.72	2.30	-47.72	-44.94	-0.48	-11.46	0.09	-0.13	-0.13	0.08	0.03
148	4	221	116.58	-0.28	-116.06	-114.02	-2.31	-15.22	0.23	-0.14	0.05	0.04	0.19
		206	105.28	2.20	-103.77	-101.81	0.24	-14.29	0.24	-0.10	0.04	0.10	0.17
		267	83.91	4.08	-80.98	-75.98	-0.92	-20.00	-0.02	-0.37	-0.11	-0.28	0.15
		220	86.86	3.55	-83.93	-79.22	-1.17	-19.75	0.12	-0.29	-0.02	-0.15	0.20
149	1	220	97.59	4.79	-91.75	-81.81	-5.16	-29.35	0.44	-0.36	-0.35	0.42	-0.11
		267	94.92	7.58	-85.66	-75.03	-3.04	-29.62	1.02	-0.32	-0.28	0.98	-0.25
		212	72.59	14.74	-61.81	-43.96	-3.11	-32.37	1.36	-0.34	-0.32	1.34	0.20
		222	67.27	13.12	-59.38	-42.68	-3.58	-30.53	0.53	-0.39	-0.33	0.48	0.22
149	2	220	223.66	7.98	-216.58	-195.44	-13.16	-65.58	0.23	-0.81	-0.14	-0.44	0.50
		267	209.95	12.08	-201.11	-180.40	-8.63	-63.13	0.06	-0.97	-0.33	-0.59	0.50
		212	159.44	23.21	-146.06	-110.23	-12.62	-69.14	-0.96	-1.98	-0.96	-1.98	0.05
		222	159.23	24.80	-142.63	-107.34	-10.49	-68.29	-0.10	-0.89	-0.27	-0.72	0.32
149	3	220	50.47	1.99	-48.67	-43.97	-2.70	-14.69	0.09	-0.11	-0.11	0.09	6.10e-03
		267	48.55	3.28	-45.49	-40.66	-1.55	-14.56	0.25	-0.11	-0.11	0.24	-0.04
		212	36.81	6.32	-32.60	-24.38	-1.90	-15.88	0.26	-0.18	-0.17	0.25	0.06
		222	34.91	5.83	-31.51	-23.65	-2.03	-15.22	0.12	-0.15	-0.12	0.09	0.09
149	4	220	88.27	2.95	-85.66	-77.64	-5.07	-25.43	0.08	-0.30	-0.05	-0.16	0.18
		267	83.06	4.64	-79.72	-71.88	-3.20	-24.49	0.02	-0.36	-0.12	-0.22	0.19
		212	62.64	8.85	-57.58	-44.01	-4.72	-26.78	-0.36	-0.74	-0.36	-0.74	0.02
		222	62.37	9.30	-56.19	-42.81	-4.08	-26.40	-0.04	-0.33	-0.10	-0.27	0.12
150	1	223	46.06	29.68	-17.39	9.13	3.17	-23.34	0.36	-0.56	-0.18	-0.02	0.46
		224	62.21	38.25	-25.84	14.19	-1.78	-31.04	0.78	-0.47	0.06	0.25	0.62
		225	60.53	48.44	-12.99	42.17	-6.73	-18.59	0.23	-0.92	-0.37	-0.32	0.57
		191	77.25	75.51	-0.19	64.00	11.32	-27.18	0.64	-0.27	0.31	0.07	0.44
150	2	223	95.35	57.53	-43.80	10.06	3.66	-50.57	0.82	-0.58	0.18	0.06	-0.70
		224	130.48	78.38	-62.39	20.16	-4.16	-69.32	0.10	-1.60	-0.39	-1.11	-0.77
		225	127.34	99.80	-30.86	86.12	-17.18	-40.00	1.20	-0.98	0.40	-0.18	-1.06
		191	166.23	161.71	-0.16	136.85	24.70	-58.36	0.64	-1.27	-0.47	-0.16	-0.94
150	3	223	20.86	13.74	-9.17	3.38	1.18	-11.40	0.06	-0.11	-0.04	-2.45e-03	0.08
		224	28.87	18.31	-13.43	5.78	-0.90	-15.51	0.11	-0.14	-0.01	-0.01	0.13
		225	28.29	23.76	-6.60	20.67	-3.50	-9.19	-4.09e-03	-0.19	-0.08	-0.11	0.09
		191	37.32	37.20	0.03	31.61	5.63	-13.29	0.10	-0.03	0.06	8.14e-03	0.06
150	4	223	36.59	22.00	-17.01	3.66	1.33	-19.47	0.31	-0.22	0.07	0.02	-0.26
		224	50.37	30.22	-24.27	7.55	-1.61	-26.86	0.04	-0.59	-0.14	-0.41	-0.29
		225	49.44	38.98	-11.89	33.69	-6.60	-15.53	0.45	-0.37	0.15	-0.07	-0.39
		191	64.36	62.74	0.04	53.19	9.59	-22.53	0.24	-0.47	-0.18	-0.06	-0.35
151	1	222	69.87	13.26	-60.91	-41.56	-6.09	-32.57	0.60	-0.23	-0.13	0.50	0.27
		212	73.18	15.24	-60.55	-40.73	-4.58	-33.31	1.35	-0.76	-0.75	1.34	0.15
		274	70.45	31.15	-34.52	3.73	-7.10	-32.39	1.80	-0.80	0.11	0.88	1.24
		224	54.87	33.84	-24.02	10.26	-0.43	-28.43	0.45	-0.48	-0.25	0.22	0.40
151	2	222	165.97	24.35	-149.47	-106.61	-18.51	-74.92	-0.66	-1.84	-0.86	-1.65	0.44
		212	156.09	24.54	-139.44	-101.00	-13.90	-69.47	-0.17	-1.04	-0.38	-0.83	0.37
		274	150.69	58.66	-97.03	-3.33	-35.03	-76.21	-3.31	-5.56	-3.51	-5.36	-0.64
		224	115.51	69.34	-55.57	11.06	2.71	-62.31	1.22	-0.81	1.02	-0.61	-0.60
151	3	222	36.33	5.86	-32.48	-23.20	-3.42	-16.43	0.09	-0.17	-0.10	0.02	0.11
		212	36.37	6.60	-31.68	-22.61	-2.47	-16.28	0.34	-0.26	-0.25	0.33	0.07
		274	32.17	14.49	-18.76	0.57	-4.85	-16.40	0.14	-0.51	-0.23	-0.14	0.32
		224	25.46	16.10	-12.34	3.79	-0.03	-14.09	0.08	-0.06	4.40e-03	0.02	0.07
151	4	222	64.89	9.16	-58.73	-42.47	-7.10	-28.97	-0.25	-0.69	-0.32	-0.61	0.17
		212	61.40	9.39	-55.09	-40.47	-5.23	-27.00	-0.06	-0.39	-0.14	-0.31	0.14



		274	57.73	22.64	-37.28	-1.52	-13.12	-29.39	-1.23	-2.07	-1.30	-1.99	-0.24
		224	44.58	26.64	-21.72	4.02	0.90	-24.13	0.45	-0.30	0.38	-0.23	-0.22
152	1	224	55.06	30.38	-25.02	9.98	-4.62	-26.72	0.61	-0.88	-0.64	0.37	0.55
		274	69.20	35.95	-31.50	4.47	-0.02	-33.65	1.76	-0.34	0.81	0.61	1.04
		200	57.92	44.78	-11.92	32.08	0.78	-23.64	0.40	-0.92	-0.29	-0.24	0.66
		225	65.96	55.60	-10.45	45.47	-0.32	-23.80	0.81	-0.89	0.22	-0.29	0.81
152	2	224	115.48	54.98	-64.55	8.41	-17.98	-58.29	1.21	-1.48	0.85	-1.11	-0.92
		274	152.51	82.57	-77.83	3.47	1.28	-80.19	-2.24	-4.70	-3.19	-3.75	-1.19
		200	112.02	85.30	-36.41	52.50	-3.61	-54.01	1.70	0.53	0.72	1.51	-0.43
		225	140.09	118.67	-22.54	96.33	-0.20	-51.53	0.82	-1.96	-0.63	-0.50	-1.39
152	3	224	24.67	13.94	-13.23	3.52	-2.81	-13.21	0.07	-0.17	-0.13	0.02	0.09
		274	31.98	17.82	-16.48	1.30	0.04	-17.14	0.17	-0.28	-1.15e-03	-0.10	0.22
		200	27.03	21.53	-6.57	14.92	0.04	-11.91	0.17	-0.16	-0.03	0.04	0.16
		225	31.01	27.50	-5.13	22.49	-0.12	-11.77	0.10	-0.21	0.02	-0.12	0.13
152	4	224	44.42	21.24	-24.95	3.06	-6.77	-22.57	0.45	-0.55	0.32	-0.41	-0.34
		274	58.63	31.64	-30.22	1.00	0.42	-30.93	-0.83	-1.75	-1.18	-1.39	-0.44
		200	43.59	33.54	-13.83	20.98	-1.26	-20.91	0.63	0.20	0.27	0.56	-0.16
		225	54.33	46.19	-8.72	37.56	-0.09	-19.99	0.31	-0.73	-0.23	-0.19	-0.52
153	1	272	91.47	8.58	-76.72	-63.62	-4.52	-30.75	2.97	0.22	0.73	2.45	-1.08
		226	89.26	9.18	-70.74	-56.73	-4.82	-30.38	3.76	0.26	1.08	2.94	-1.48
		229	91.20	15.32	-61.92	-41.42	-5.18	-34.11	6.48	1.41	1.87	6.02	-1.46
		213	82.29	14.44	-61.38	-42.74	-4.19	-32.65	4.40	0.13	0.16	4.37	-0.35
153	2	272	185.50	9.83	-179.93	-159.67	-10.42	-58.59	-0.56	-1.15	-0.61	-1.09	0.17
		226	175.53	9.62	-168.82	-149.50	-9.70	-55.44	-0.50	-1.46	-0.53	-1.43	0.17
		229	148.90	18.95	-136.14	-106.54	-10.66	-60.95	-1.01	-2.71	-1.02	-2.69	0.17
		213	150.91	16.82	-138.82	-108.96	-13.04	-61.28	-1.12	-3.21	-1.13	-3.19	0.18
153	3	272	45.30	3.27	-40.94	-35.51	-2.17	-14.52	0.79	0.02	0.17	0.64	-0.30
		226	43.34	3.40	-38.21	-32.60	-2.21	-14.21	1.01	0.03	0.28	0.76	-0.43
		229	40.29	6.03	-31.89	-23.48	-2.38	-15.76	1.72	0.34	0.48	1.58	-0.42
		213	38.12	5.62	-31.90	-24.00	-2.27	-15.29	1.06	-0.05	-0.04	1.05	-0.09
153	4	272	73.74	3.74	-71.62	-63.97	-3.91	-22.77	-0.21	-0.43	-0.23	-0.41	0.06
		226	69.98	3.68	-67.42	-60.09	-3.66	-21.63	-0.19	-0.54	-0.20	-0.53	0.06
		229	58.86	7.24	-54.01	-42.77	-4.01	-23.71	-0.37	-1.01	-0.38	-1.00	0.06
		213	59.50	6.41	-54.92	-43.62	-4.89	-23.78	-0.41	-1.19	-0.42	-1.19	0.07
154	1	227	89.51	4.11	-81.89	-76.65	-1.14	-20.58	1.67	-0.80	0.38	0.48	-1.23
		207	78.14	4.97	-70.25	-64.21	-1.07	-20.43	1.26	-1.45	0.26	-0.45	-1.31
		230	82.63	8.95	-64.12	-53.23	-1.94	-26.02	4.68	1.05	1.81	3.92	-1.48
		226	90.81	9.16	-70.91	-60.68	-1.07	-26.73	4.00	0.14	0.99	3.15	-1.60
154	2	227	207.57	4.40	-204.87	-198.43	-2.03	-36.13	0.31	-0.09	-0.03	0.25	0.14
		207	188.58	4.81	-185.58	-178.81	-1.95	-35.24	0.27	-0.05	-0.03	0.24	0.08
		230	162.71	9.53	-157.07	-144.47	-3.07	-44.04	-0.67	-1.51	-0.68	-1.50	0.04
		226	175.72	9.82	-168.87	-156.25	-2.80	-45.77	-0.48	-1.39	-0.51	-1.36	0.16
154	3	227	47.60	1.48	-45.59	-43.65	-0.46	-9.36	0.49	-0.22	0.11	0.16	-0.35
		207	42.33	1.77	-40.41	-38.22	-0.42	-9.35	0.37	-0.41	0.07	-0.12	-0.38
		230	40.05	3.25	-35.20	-31.19	-0.76	-11.75	1.28	0.25	0.49	1.05	-0.43
		226	43.66	3.36	-38.24	-34.39	-0.49	-12.05	1.08	-1.28e-04	0.25	0.83	-0.46
154	4	227	83.15	1.67	-82.13	-79.73	-0.73	-13.97	0.11	-0.03	-0.01	0.09	0.05
		207	75.88	1.87	-74.73	-72.18	-0.68	-13.73	0.10	-0.02	-0.01	0.09	0.03
		230	65.09	3.63	-62.95	-58.23	-1.10	-17.09	-0.25	-0.56	-0.25	-0.56	0.02
		226	70.00	3.71	-67.42	-62.71	-1.00	-17.70	-0.18	-0.52	-0.19	-0.51	0.06
155	1	226	90.62	9.21	-71.29	-57.16	-4.92	-30.62	4.20	0.48	1.21	3.47	-1.48
		230	83.86	9.03	-63.74	-49.15	-5.56	-29.14	4.60	0.62	1.94	3.29	-1.87
		215	84.64	13.07	-59.41	-38.78	-7.56	-32.70	9.64	4.19	4.24	9.59	-0.50
		229	85.58	14.88	-60.19	-40.44	-4.86	-33.05	5.12	0.99	1.51	4.60	-1.37
155	2	226	176.06	10.12	-169.10	-149.46	-9.51	-55.98	-0.50	-1.47	-0.52	-1.45	0.15
		230	162.70	9.37	-156.79	-137.73	-9.69	-52.95	-0.64	-1.45	-0.69	-1.39	0.20
		215	142.93	16.73	-132.28	-103.74	-11.80	-58.63	-1.36	-3.73	-1.37	-3.73	-0.11
		229	145.74	17.36	-134.60	-106.48	-10.76	-59.01	-0.99	-2.55	-1.00	-2.55	0.10
155	3	226	43.72	3.42	-38.36	-32.72	-2.22	-14.28	1.14	0.10	0.32	0.92	-0.42
		230	40.28	3.27	-35.06	-29.35	-2.43	-13.65	1.26	0.13	0.52	0.87	-0.54
		215	36.87	5.14	-30.84	-22.52	-3.18	-15.17	2.58	1.14	1.15	2.56	-0.15
		229	38.62	5.73	-31.21	-23.18	-2.31	-15.24	1.33	0.21	0.37	1.17	-0.40
155	4	226	70.13	3.85	-67.50	-60.07	-3.58	-21.80	-0.19	-0.55	-0.20	-0.54	0.06
		230	65.08	3.58	-62.84	-55.60	-3.66	-20.70	-0.24	-0.54	-0.26	-0.52	0.08
		215	56.58	6.40	-52.61	-41.77	-4.44	-22.85	-0.51	-1.39	-0.51	-1.39	-0.04
		229	57.63	6.60	-53.40	-42.75	-4.05	-22.93	-0.37	-0.95	-0.37	-0.95	0.04
156	1	276	69.09	26.66	-27.87	-2.33	1.12	-27.21	1.03	-5.10	-4.65	0.58	1.59
		232	90.01	27.04	-43.24	-11.10	-5.10	-35.01	8.16	2.29	2.85	7.60	1.72
		257	99.92	33.97	-20.61	13.80	-0.44	-26.34	5.02	-5.16	-0.37	0.23	5.08
		199	65.49	35.61	-17.95	17.43	0.23	-25.36	0.68	-2.92	-0.86	-1.38	1.78
156	2	276	88.68	43.63	-49.54	-8.93	3.02	-46.20	-1.98	-4.46	-2.05	-4.39	0.40
		232	122.43	44.27	-88.84	-27.79	-16.78	-66.33	-0.27	-4.13	-0.31	-4.10	0.35
		257	106.14	76.92	-37.79	39.58	-0.45	-53.75	-0.04	-1.17	-0.58	-0.63	-0.56
		199	96.58	66.44	-38.76	30.53	-2.85	-49.88	2.41	1.05	1.18	2.27	-0.40
156	3	276	27.77	11.92	-13.26	-1.83	0.49	-12.54	4.44e-03	-1.70	-1.53	-0.16	0.50
		232	36.54	12.20	-20.92	-5.94	-2.78	-16.49	2.16	0.61	0.82	1.94	0.54
		257	38.60	17.51	-9.53	8.18	-0.20	-12.85	1.40	-1.53	-0.16	0.02	1.46



156	4	199	27.81	17.30	-8.60	8.71	-0.02	-12.19	0.30	-0.70	-0.16	-0.24	0.50
		276	34.64	16.96	-19.69	-3.78	1.05	-18.17	-0.74	-1.66	-0.76	-1.63	0.15
		232	47.52	17.31	-34.44	-10.89	-6.24	-25.77	-0.10	-1.54	-0.11	-1.53	0.13
		257	41.47	30.26	-14.65	15.82	-0.21	-20.97	-0.02	-0.44	-0.22	-0.24	-0.21
157	1	199	37.80	26.43	-14.77	12.59	-0.93	-19.46	0.90	0.39	0.44	0.85	-0.15
		229	109.36	15.27	-65.83	-40.52	-10.04	-37.58	11.09	3.39	4.42	10.05	-2.63
		215	83.24	13.16	-53.79	-33.63	-6.99	-30.71	4.41	-0.38	1.16	2.87	-2.24
		258	191.39	23.33	-61.26	-14.23	-23.69	-42.03	28.20	17.20	17.58	27.82	2.02
157	2	232	83.24	29.06	-36.48	-10.27	2.84	-32.11	5.83	-4.57	-4.31	5.57	1.64
		229	159.22	18.38	-141.73	-105.32	-18.02	-67.11	-1.50	-4.93	-1.61	-4.81	0.62
		215	137.30	16.29	-125.05	-96.12	-12.64	-57.02	-0.45	-1.65	-0.77	-1.33	0.54
		258	155.82	44.09	-106.39	-26.79	-35.51	-75.12	-5.81	-10.41	-5.81	-10.41	2.50e-03
157	3	232	112.44	48.90	-74.54	-24.95	-0.70	-60.52	1.13	-3.54	1.13	-3.53	-0.19
		229	44.39	5.93	-33.38	-23.03	-4.43	-17.31	2.92	0.88	1.19	2.61	-0.73
		215	37.08	5.17	-28.63	-20.34	-3.12	-14.54	1.18	-0.14	0.29	0.75	-0.62
		258	62.11	10.95	-27.61	-6.85	-9.81	-19.22	7.58	4.64	4.77	7.45	0.60
157	4	232	32.25	13.06	-17.84	-5.50	0.73	-15.13	1.47	-1.28	-1.19	1.38	0.47
		229	62.62	7.01	-56.03	-42.23	-6.79	-26.06	-0.56	-1.84	-0.60	-1.79	0.23
		215	54.56	6.27	-49.91	-38.85	-4.79	-22.34	-0.17	-0.62	-0.29	-0.49	0.20
		258	59.64	17.12	-41.00	-10.57	-13.31	-29.03	-2.16	-3.88	-2.16	-3.88	1.22e-03
158	1	232	43.68	18.94	-29.12	-9.85	-0.32	-23.55	0.42	-1.32	0.42	-1.31	-0.07
		232	113.62	18.92	-42.95	-12.20	-11.84	-30.93	9.25	-4.36	-3.12	8.00	3.92
		258	158.36	43.81	-45.22	-8.30	6.90	-43.86	21.02	11.23	14.75	17.50	4.70
		198	71.35	20.94	-34.65	-7.15	-6.56	-27.79	-3.67	-8.10	-4.18	-7.59	1.42
158	2	257	103.85	40.87	-22.40	16.15	2.32	-30.87	6.84	-3.07	2.92	0.85	4.84
		232	116.10	36.48	-80.67	-27.37	-16.82	-58.33	0.45	-4.33	0.29	-4.16	-0.88
		258	153.25	71.95	-88.20	-19.21	2.95	-79.31	-3.39	-6.42	-3.82	-5.98	-1.06
		198	104.63	60.18	-57.70	10.07	-7.59	-58.27	2.88	1.53	1.54	2.88	0.06
158	3	257	116.04	84.30	-44.59	40.21	-0.50	-61.15	-0.40	-1.22	-0.93	-0.69	-0.39
		232	40.26	9.09	-20.10	-6.23	-4.78	-14.58	2.42	-1.26	-0.90	2.06	1.09
		258	55.90	19.24	-21.61	-4.55	2.18	-20.15	5.76	3.05	4.08	4.73	1.31
		198	29.26	12.24	-15.05	-0.36	-2.45	-13.61	-0.96	-2.20	-1.13	-2.03	0.42
158	4	257	40.45	20.12	-10.58	8.94	0.60	-14.77	1.94	-0.94	0.80	0.20	1.41
		232	44.85	14.32	-31.29	-10.72	-6.26	-22.70	0.17	-1.61	0.11	-1.55	-0.33
		258	59.05	27.58	-34.35	-7.78	1.01	-30.65	-1.26	-2.39	-1.42	-2.23	-0.39
		198	40.66	23.94	-21.95	4.74	-2.75	-22.64	1.07	0.57	0.57	1.07	0.02
159	1	257	45.17	33.02	-17.18	16.07	-0.23	-23.74	-0.15	-0.45	-0.35	-0.26	-0.14
		230	79.68	8.75	-63.85	-49.46	-5.64	-28.94	4.42	1.30	2.08	3.64	-1.35
		259	74.59	8.54	-55.75	-42.01	-5.20	-26.35	4.73	1.13	2.00	3.87	-1.54
		261	89.22	12.67	-54.47	-35.32	-6.48	-30.32	9.27	3.12	3.75	8.64	-1.85
159	2	215	91.33	11.74	-57.14	-38.44	-6.95	-30.63	9.74	2.72	2.96	9.50	-1.26
		230	161.92	9.37	-156.61	-137.67	-9.57	-52.78	-0.69	-1.40	-0.69	-1.40	7.87e-03
		259	151.18	9.59	-144.71	-126.50	-8.62	-49.78	-0.56	-1.59	-0.57	-1.58	0.09
		261	136.67	17.13	-124.88	-98.43	-9.32	-55.28	-0.97	-2.71	-0.98	-2.70	0.13
159	3	215	141.64	14.45	-129.99	-103.61	-11.92	-55.80	-1.27	-3.77	-1.29	-3.75	0.20
		230	39.23	3.17	-35.05	-29.43	-2.45	-13.53	1.22	0.32	0.56	0.97	-0.40
		259	36.49	3.14	-31.65	-26.26	-2.25	-12.58	1.29	0.28	0.55	1.03	-0.45
		261	37.91	5.04	-28.84	-21.12	-2.67	-14.21	2.55	0.84	1.04	2.36	-0.54
159	4	215	38.56	4.54	-29.97	-22.41	-3.02	-14.28	2.60	0.71	0.78	2.53	-0.36
		230	64.74	3.56	-62.74	-55.57	-3.61	-20.60	-0.26	-0.52	-0.26	-0.52	4.18e-03
		259	60.70	3.67	-58.23	-51.30	-3.26	-19.52	-0.21	-0.59	-0.21	-0.59	0.03
		261	54.38	6.55	-49.89	-39.82	-3.52	-21.61	-0.36	-1.01	-0.37	-1.01	0.05
160	1	215	56.13	5.51	-51.72	-41.72	-4.49	-21.73	-0.47	-1.40	-0.48	-1.40	0.07
		260	64.14	5.26	-58.45	-52.16	-1.04	-19.01	0.71	-1.76	0.20	-1.24	-1.00
		208	54.95	5.46	-47.10	-40.78	-0.86	-17.09	-0.28	-2.84	-0.34	-2.78	-0.38
		211	56.49	7.27	-47.37	-37.52	-2.57	-21.00	4.27	2.49	2.71	4.05	-0.59
160	2	259	76.34	8.64	-55.90	-45.48	-1.78	-23.75	4.74	0.83	1.69	3.88	-1.62
		260	170.18	5.07	-166.62	-159.64	-1.91	-33.91	0.09	-0.13	-0.13	0.09	0.01
		208	151.78	5.65	-147.99	-140.48	-1.86	-33.12	0.13	-0.09	-0.09	0.13	-6.58e-03
		211	137.54	9.57	-132.13	-119.76	-2.80	-40.01	-0.71	-1.56	-0.71	-1.56	-0.02
160	3	259	151.19	9.77	-144.68	-132.55	-2.36	-41.55	-0.52	-1.48	-0.52	-1.48	0.03
		260	36.30	1.78	-35.12	-32.92	-0.43	-8.75	0.20	-0.52	0.05	-0.36	-0.29
		208	32.45	1.92	-30.09	-27.81	-0.35	-8.23	-0.09	-0.83	-0.11	-0.81	-0.11
		211	30.25	2.74	-28.07	-24.40	-0.93	-9.98	1.15	0.67	0.75	1.08	-0.17
160	4	259	36.92	3.13	-31.66	-27.86	-0.68	-10.86	1.30	0.19	0.46	1.04	-0.47
		260	68.69	1.91	-67.36	-64.76	-0.69	-13.16	0.03	-0.05	-0.05	0.03	5.13e-03
		208	61.63	2.18	-60.19	-57.36	-0.65	-12.98	0.05	-0.03	-0.03	0.05	-9.17e-04
		211	55.48	3.65	-53.42	-48.77	-1.00	-15.61	-0.26	-0.58	-0.26	-0.58	-4.84e-03
161	1	259	60.65	3.69	-58.19	-53.66	-0.85	-16.13	-0.19	-0.55	-0.19	-0.55	0.01
		259	74.06	8.74	-56.20	-42.37	-5.10	-26.59	4.65	1.26	1.85	4.07	-1.28
		211	59.17	7.28	-47.10	-34.25	-5.58	-23.10	4.42	2.05	2.83	3.64	-1.11
		216	92.43	9.13	-48.66	-31.39	-8.14	-26.46	12.81	5.96	5.98	12.78	0.43
161	2	261	80.12	11.51	-51.97	-34.29	-6.17	-28.46	7.70	2.87	3.62	6.94	-1.75
		259	151.24	10.05	-144.82	-126.39	-8.38	-50.15	-0.52	-1.52	-0.52	-1.52	0.02
		211	137.74	9.42	-131.97	-113.75	-8.80	-47.37	-0.70	-1.54	-0.72	-1.52	0.14
		216	128.50	15.09	-118.74	-93.17	-10.47	-52.61	-1.25	-3.71	-1.26	-3.71	-0.14
		261	133.26	15.39	-123.26	-98.38	-9.49	-53.20	-1.01	-2.62	-1.01	-2.61	0.07



161	3	259	36.46	3.20	-31.76	-26.35	-2.20	-12.64	1.27	0.32	0.51	1.09	-0.38
		211	30.60	2.73	-27.97	-22.86	-2.38	-11.44	1.20	0.54	0.78	0.96	-0.32
		216	36.07	3.82	-26.65	-19.57	-3.26	-12.87	3.51	1.67	1.68	3.50	0.12
		261	35.18	4.52	-27.94	-20.81	-2.61	-13.44	2.10	0.76	1.00	1.86	-0.51
161	4	259	60.67	3.82	-58.24	-51.25	-3.17	-19.62	-0.19	-0.57	-0.19	-0.57	9.80e-03
		211	55.55	3.60	-53.35	-46.41	-3.34	-18.63	-0.26	-0.58	-0.27	-0.57	0.05
		216	51.35	5.79	-47.61	-37.87	-3.95	-20.62	-0.47	-1.38	-0.47	-1.38	-0.05
		261	53.05	5.86	-49.25	-39.80	-3.59	-20.77	-0.38	-0.97	-0.38	-0.97	0.03
162	1	258	81.53	21.54	-22.32	-6.85	6.07	-20.96	11.57	2.58	2.59	11.56	-0.28
		253	105.71	18.57	-49.24	-19.67	-11.00	-33.62	15.42	2.83	2.84	15.41	-0.40
		262	89.31	24.64	-22.92	0.83	0.88	-23.78	7.08	-2.00	1.90	3.18	4.49
		198	71.88	19.67	-28.96	-4.78	-4.50	-24.31	-2.54	-7.79	-3.77	-6.56	2.23
162	2	258	93.82	39.32	-52.60	-16.94	3.66	-44.79	-2.91	-5.92	-3.17	-5.66	0.85
		253	123.55	38.89	-88.47	-33.60	-15.98	-63.06	0.12	-4.79	0.02	-4.69	0.70
		262	96.05	67.63	-41.02	25.95	0.66	-52.83	-0.58	-0.90	-0.77	-0.71	-0.16
		198	90.78	55.26	-46.01	14.34	-5.09	-49.69	2.85	1.40	1.45	2.81	-0.24
162	3	258	27.56	10.06	-11.97	-3.90	2.00	-10.61	2.99	0.53	0.53	2.99	-0.02
		253	37.17	9.28	-22.78	-9.03	-4.47	-15.87	4.21	0.84	0.84	4.21	-0.07
		262	35.02	13.90	-10.44	3.18	0.28	-12.09	2.03	-0.64	0.50	0.89	1.32
		198	28.45	11.54	-12.41	0.74	-1.61	-11.92	-0.63	-2.10	-1.01	-1.73	0.64
162	4	258	36.61	15.34	-20.95	-6.89	1.29	-17.68	-1.08	-2.20	-1.18	-2.11	0.32
		253	48.02	15.30	-34.40	-13.16	-5.95	-24.59	0.04	-1.78	6.67e-03	-1.75	0.26
		262	37.72	26.75	-15.92	10.62	0.21	-20.69	-0.22	-0.34	-0.29	-0.27	-0.06
		198	35.59	22.18	-17.55	6.41	-1.78	-19.44	1.06	0.53	0.54	1.05	-0.09
163	1	261	135.05	12.64	-60.41	-35.88	-11.89	-34.50	18.70	5.74	7.20	17.24	-4.10
		216	65.91	8.52	-40.27	-25.27	-6.48	-22.51	4.65	-0.84	2.91	0.89	-2.55
		263	280.62	16.49	-68.31	-20.02	-31.80	-41.99	46.61	28.84	28.85	46.60	-0.46
		253	121.82	23.62	-36.88	-17.52	4.25	-28.22	12.65	-6.11	-6.03	12.57	1.20
163	2	261	148.12	16.52	-130.35	-97.60	-16.23	-61.14	-1.46	-5.29	-1.57	-5.18	0.63
		216	123.36	14.72	-111.77	-86.08	-10.97	-50.89	-0.30	-1.54	-0.74	-1.09	0.59
		263	149.97	39.14	-103.19	-30.12	-33.92	-71.14	-6.05	-11.26	-6.06	-11.25	0.26
		253	113.85	44.38	-75.06	-30.53	-0.15	-57.76	1.23	-4.07	1.23	-4.07	3.97e-03
163	3	261	49.22	4.92	-30.91	-21.14	-4.85	-15.95	5.15	1.58	2.01	4.71	-1.17
		216	29.86	3.68	-23.66	-17.14	-2.85	-11.66	1.27	-0.28	0.81	0.18	-0.71
		263	84.87	8.53	-29.52	-8.89	-12.09	-18.95	12.95	8.08	8.08	12.95	-0.12
		253	40.15	11.08	-18.08	-8.18	1.18	-13.81	3.44	-1.72	-1.69	3.42	0.36
163	4	261	58.55	6.30	-51.86	-39.42	-6.14	-23.85	-0.54	-1.97	-0.58	-1.93	0.23
		216	49.40	5.68	-45.01	-35.15	-4.18	-20.06	-0.11	-0.57	-0.28	-0.41	0.22
		263	57.51	15.29	-39.90	-11.89	-12.72	-27.59	-2.25	-4.20	-2.26	-4.19	0.10
		253	44.28	17.26	-29.42	-12.03	-0.13	-22.57	0.46	-1.51	0.46	-1.51	2.05e-03
164	1	253	143.47	8.30	-45.80	-20.18	-17.31	-27.01	16.62	-3.66	-2.57	15.53	4.56
		263	194.35	47.84	-43.95	-10.58	14.47	-44.15	30.88	18.20	20.53	28.54	4.91
		197	90.47	9.77	-42.74	-23.81	-9.16	-25.21	-6.88	-13.17	-6.88	-13.17	-8.26e-03
		262	96.02	34.44	-28.82	2.68	2.94	-31.63	8.01	0.59	4.72	3.88	3.69
164	2	253	111.29	32.12	-80.94	-33.11	-15.72	-55.86	0.28	-4.79	0.18	-4.69	-0.71
		263	145.23	66.57	-85.73	-22.51	3.35	-75.05	-3.36	-6.57	-3.64	-6.28	-0.92
		197	102.77	51.15	-61.91	-1.80	-8.96	-56.42	3.13	1.62	1.65	3.10	0.21
		262	108.10	74.70	-48.02	26.47	0.21	-59.94	-0.76	-0.94	-0.94	-0.76	3.27e-03
164	3	253	47.06	5.61	-21.07	-9.13	-6.32	-13.27	4.56	-1.07	-0.75	4.24	1.30
		263	64.50	20.02	-21.12	-5.55	4.44	-19.95	8.65	5.13	5.81	7.98	1.39
		197	31.46	8.03	-17.67	-6.31	-3.34	-12.77	-1.91	-3.67	-1.92	-3.67	0.01
		262	37.63	17.35	-12.73	3.78	0.84	-14.96	2.31	0.11	1.33	1.09	1.09
164	4	253	43.15	12.70	-31.51	-12.96	-5.85	-21.81	0.10	-1.78	0.07	-1.75	-0.26
		263	56.16	25.59	-33.52	-9.08	1.15	-29.11	-1.25	-2.45	-1.36	-2.34	-0.34
		197	39.98	20.55	-23.61	0.22	-3.28	-22.01	1.17	0.60	0.61	1.16	0.08
		262	42.24	29.40	-18.54	10.83	0.03	-23.35	-0.28	-0.35	-0.35	-0.28	9.32e-04
165	1	211	57.79	6.66	-46.44	-34.32	-5.46	-22.29	3.62	2.62	2.62	3.62	-0.04
		264	47.45	5.76	-37.97	-28.18	-4.03	-18.22	3.58	1.56	1.59	3.55	0.22
		266	60.47	8.13	-39.17	-25.98	-5.06	-21.21	6.71	3.20	3.23	6.68	0.33
		216	87.52	6.75	-45.80	-31.06	-7.99	-23.61	13.17	5.32	5.54	12.95	-1.29
165	2	211	136.94	9.20	-131.49	-113.67	-8.63	-46.80	-0.66	-1.50	-0.67	-1.49	-0.06
		264	125.33	9.78	-118.83	-101.41	-7.64	-44.01	-0.52	-1.44	-0.53	-1.43	0.10
		266	119.62	15.55	-109.04	-85.33	-8.16	-48.90	-0.81	-2.27	-0.82	-2.26	0.12
		216	127.70	12.76	-116.37	-93.02	-10.59	-49.70	-1.25	-3.79	-1.27	-3.77	0.24
165	3	211	30.82	2.52	-27.72	-22.87	-2.33	-11.10	0.96	0.73	0.73	0.96	-0.02
		264	26.58	2.40	-24.21	-19.97	-1.84	-9.74	0.95	0.42	0.43	0.94	0.07
		266	28.28	3.63	-23.17	-17.36	-2.18	-11.04	1.82	0.88	0.89	1.80	0.11
		216	34.56	2.92	-25.61	-19.46	-3.23	-11.74	3.61	1.48	1.55	3.55	-0.36
165	4	211	55.17	3.50	-53.14	-46.37	-3.27	-18.37	-0.25	-0.56	-0.25	-0.56	-0.02
		264	50.80	3.75	-48.32	-41.66	-2.91	-17.38	-0.19	-0.54	-0.20	-0.53	0.04
		266	48.05	5.96	-44.00	-34.94	-3.09	-19.25	-0.30	-0.85	-0.31	-0.84	0.05
		216	50.98	4.87	-46.69	-37.82	-4.00	-19.47	-0.46	-1.41	-0.47	-1.41	0.09
166	1	265	47.96	4.55	-36.84	-31.58	-0.71	-13.79	0.03	-2.18	-0.08	-2.07	0.48
		209	43.36	4.05	-28.19	-23.63	-0.51	-11.23	0.17	-2.76	-0.23	-2.35	1.01
		250	48.55	4.33	-30.09	-23.94	-1.83	-13.19	4.17	1.03	1.90	3.30	1.41
		264	48.77	5.77	-37.67	-30.32	-1.58	-16.29	3.19	1.20	1.46	2.93	0.66
166	2	265	133.88	6.07	-129.84	-121.99	-1.78	-31.71	-0.06	-0.18	-0.17	-0.06	-0.02



		209	116.51	6.88	-111.91	-103.25	-1.79	-30.89	0.09	-0.13	-0.12	0.09	-0.03
		250	111.07	9.78	-105.57	-93.14	-2.65	-35.76	-0.64	-1.41	-0.64	-1.41	-0.02
		264	124.75	9.87	-118.63	-106.74	-2.02	-37.24	-0.47	-1.30	-0.47	-1.30	-0.02
166	3	265	28.52	1.67	-25.37	-23.38	-0.33	-7.06	-3.95e-03	-0.65	-0.04	-0.62	0.14
		209	25.34	1.69	-21.21	-19.28	-0.25	-6.37	0.04	-0.81	-0.08	-0.69	0.30
		250	25.48	2.02	-20.74	-18.02	-0.70	-7.38	1.15	0.24	0.51	0.87	0.42
		264	26.99	2.36	-24.07	-21.11	-0.60	-8.34	0.85	0.31	0.40	0.77	0.20
166	4	265	54.58	2.28	-53.09	-50.17	-0.64	-12.37	-0.02	-0.07	-0.06	-0.02	-7.39e-03
		209	47.88	2.64	-46.14	-42.87	-0.63	-12.20	0.03	-0.05	-0.05	0.03	-7.88e-03
		250	45.32	3.74	-43.21	-38.53	-0.94	-14.07	-0.24	-0.53	-0.24	-0.53	-3.95e-03
		264	50.53	3.73	-48.21	-43.76	-0.73	-14.54	-0.17	-0.48	-0.17	-0.48	-6.39e-03
167	1	264	50.95	5.98	-37.63	-27.90	-3.74	-18.16	3.20	1.04	1.42	2.83	0.82
		250	45.61	4.18	-30.14	-22.13	-3.82	-14.51	4.01	1.36	1.72	3.64	0.92
		217	74.25	5.18	-32.46	-22.15	-5.14	-16.79	10.40	2.72	3.16	9.95	1.80
		266	60.18	5.95	-37.35	-26.08	-5.32	-19.00	7.11	3.61	3.65	7.07	0.34
167	2	264	124.41	10.08	-118.68	-101.24	-7.37	-44.07	-0.47	-1.27	-0.47	-1.27	-0.04
		250	111.43	9.65	-105.51	-87.90	-7.96	-41.45	-0.63	-1.45	-0.64	-1.44	0.09
		217	109.39	13.55	-100.58	-77.78	-9.24	-45.63	-1.00	-3.21	-1.02	-3.20	-0.16
		266	116.11	13.71	-107.22	-85.17	-8.34	-46.69	-0.92	-2.24	-0.93	-2.23	0.11
167	3	264	27.63	2.46	-24.05	-19.86	-1.73	-9.67	0.86	0.26	0.38	0.74	0.24
		250	24.61	1.97	-20.75	-16.97	-1.81	-8.46	1.09	0.34	0.46	0.97	0.28
		217	29.47	2.65	-20.55	-15.62	-2.29	-9.49	2.84	0.72	0.86	2.70	0.52
		266	27.71	2.82	-22.48	-17.38	-2.28	-10.15	1.94	1.00	1.01	1.92	0.11
167	4	264	50.40	3.82	-48.22	-41.59	-2.81	-17.35	-0.17	-0.47	-0.17	-0.47	-0.01
		250	45.45	3.69	-43.19	-36.45	-3.04	-16.44	-0.24	-0.54	-0.24	-0.54	0.04
		217	44.18	5.22	-40.82	-32.10	-3.51	-18.04	-0.38	-1.20	-0.38	-1.19	-0.06
		266	46.66	5.23	-43.28	-34.89	-3.17	-18.35	-0.34	-0.84	-0.35	-0.83	0.04
168	1	263	165.40	19.31	-14.33	-9.46	14.44	-11.84	28.48	15.68	17.25	26.92	-4.19
		233	142.46	8.31	-47.25	-22.67	-16.28	-27.60	19.17	-1.80	-1.03	18.39	-3.95
		234	51.50	17.31	-20.86	-6.32	2.76	-18.54	5.71	3.48	4.18	5.00	-1.04
		197	80.45	8.89	-38.51	-21.86	-7.77	-22.63	-6.19	-12.85	-6.33	-12.71	0.95
168	2	263	93.84	35.43	-51.75	-20.34	4.02	-41.86	-3.45	-6.84	-3.90	-6.38	1.15
		233	120.12	34.13	-84.47	-35.28	-15.07	-58.43	0.47	-5.06	0.30	-4.89	0.94
		234	89.56	58.40	-42.10	15.06	1.25	-49.77	-0.69	-0.99	-0.88	-0.80	0.14
		197	83.98	45.43	-49.65	2.32	-6.53	-47.33	3.10	1.58	1.58	3.09	-0.10
168	3	263	49.78	8.83	-9.34	-5.01	4.50	-7.74	7.92	4.38	4.81	7.49	-1.15
		233	47.66	5.89	-21.97	-10.10	-5.98	-13.78	5.29	-0.50	-0.28	5.07	-1.10
		234	22.71	10.89	-9.86	0.15	0.89	-10.37	1.62	0.97	1.17	1.42	-0.30
		197	27.86	7.36	-15.39	-5.33	-2.69	-11.30	-1.71	-3.57	-1.75	-3.53	0.28
168	4	263	36.68	13.91	-20.73	-8.24	1.41	-16.63	-1.29	-2.55	-1.45	-2.38	0.43
		233	46.85	13.55	-33.00	-13.83	-5.62	-22.91	0.17	-1.89	0.11	-1.83	0.35
		234	35.37	23.31	-16.40	6.48	0.44	-19.62	-0.26	-0.37	-0.33	-0.30	0.05
		197	33.02	18.48	-18.98	1.83	-2.33	-18.62	1.16	0.59	0.59	1.15	-0.04
169	1	266	112.02	7.96	-44.62	-27.74	-8.93	-24.55	17.58	4.75	5.00	17.33	-1.78
		217	33.35	3.83	-25.34	-17.61	-3.90	-12.87	2.67	-0.49	2.39	-0.22	-0.90
		236	242.06	9.59	-55.12	-18.90	-26.63	-32.12	41.99	22.17	22.48	41.68	-2.43
		233	135.92	15.38	-32.91	-19.95	2.42	-21.40	16.54	-4.10	-4.10	16.53	-0.33
169	2	266	131.97	14.98	-114.51	-84.89	-14.64	-54.39	-1.31	-5.09	-1.43	-4.97	0.66
		217	104.40	13.22	-93.61	-71.13	-9.26	-43.55	0.11	-1.16	-0.59	-0.46	0.63
		236	141.58	34.36	-97.51	-30.08	-33.07	-65.92	-6.14	-11.64	-6.18	-11.59	0.49
		233	110.78	40.16	-71.73	-32.09	0.53	-53.52	1.35	-4.27	1.35	-4.27	0.17
169	3	266	40.51	3.49	-25.12	-17.76	-3.87	-12.51	4.82	1.31	1.37	4.75	-0.47
		217	20.86	2.30	-17.95	-13.69	-1.97	-8.26	0.72	-0.16	0.66	-0.10	-0.21
		236	71.76	6.18	-25.27	-8.58	-10.51	-15.69	11.54	6.10	6.18	11.46	-0.68
		233	43.74	8.32	-16.70	-9.07	0.68	-11.52	4.57	-1.11	-1.11	4.57	-0.08
169	4	266	52.55	5.72	-45.97	-34.69	-5.56	-21.35	-0.49	-1.90	-0.53	-1.86	0.25
		217	42.31	5.12	-38.22	-29.54	-3.56	-17.34	0.04	-0.44	-0.22	-0.17	0.24
		236	54.45	13.56	-37.86	-11.89	-12.42	-25.71	-2.29	-4.35	-2.31	-4.33	0.18
		233	43.22	15.72	-28.26	-12.66	0.12	-21.04	0.51	-1.59	0.50	-1.59	0.06
170	1	233	126.35	2.90	-38.85	-22.29	-13.66	-20.43	18.46	0.17	0.41	18.22	2.10
		236	137.99	36.45	-35.46	-10.26	11.25	-34.31	23.05	11.18	11.70	22.53	2.44
		196	90.95	5.63	-40.59	-26.23	-8.74	-21.39	-5.75	-11.98	-6.35	-11.38	-1.84
		234	72.37	25.09	-29.94	-6.69	1.84	-27.18	6.57	2.69	4.16	5.10	-1.88
170	2	233	103.51	27.79	-77.68	-34.84	-15.06	-51.80	0.22	-4.91	0.16	-4.85	-0.55
		236	134.47	61.64	-79.93	-22.25	3.97	-69.56	-3.33	-6.61	-3.52	-6.42	-0.77
		196	98.31	41.88	-63.55	-11.68	-10.00	-52.71	3.28	1.61	1.68	3.22	0.33
		234	102.72	65.31	-48.93	15.63	0.76	-56.63	-0.61	-1.17	-0.93	-0.85	0.28
170	3	233	40.24	3.74	-18.88	-9.94	-5.20	-11.06	5.09	0.07	0.13	5.03	0.58
		236	46.75	16.31	-18.24	-5.46	3.53	-16.68	6.32	3.05	3.19	6.18	0.66
		196	32.45	6.07	-17.22	-7.85	-3.30	-11.42	-1.58	-3.30	-1.76	-3.12	-0.52
		234	30.10	13.79	-13.14	0.09	0.56	-13.46	1.86	0.75	1.16	1.45	-0.54
170	4	233	40.35	11.11	-30.39	-13.66	-5.61	-20.36	0.08	-1.83	0.06	-1.81	-0.21
		236	52.27	23.80	-31.44	-9.02	1.37	-27.13	-1.24	-2.47	-1.31	-2.40	-0.29
		196	38.35	17.10	-24.31	-3.54	-3.67	-20.70	1.23	0.60	0.62	1.20	0.12
		234	40.28	25.90	-18.95	6.70	0.24	-22.19	-0.23	-0.43	-0.35	-0.32	0.10
171	1	306	26.01	0.21	-25.25	-25.04	-4.78e-04	-2.31	-0.04	-0.31	-0.06	-0.28	0.07
		157	25.08	0.38	-24.13	-23.87	0.12	-2.51	5.87e-03	-0.40	-0.10	-0.30	0.17



		137	19.30	0.55	-17.29	-16.74	6.89e-03	-3.06	0.14	-0.35	0.04	-0.26	0.20
		92	19.24	0.60	-17.73	-17.21	0.08	-3.05	0.13	-0.13	0.13	-0.13	0.03
171	2	306	132.00	1.34	-126.63	-124.15	-1.14	-17.63	0.17	-2.83	-0.88	-1.77	-1.43
		157	120.03	2.13	-117.03	-114.20	-0.71	-18.15	-0.17	-2.35	-0.68	-1.85	-0.92
		137	94.26	5.42	-85.90	-79.35	-1.12	-23.55	3.72	1.43	1.57	3.58	-0.54
		92	101.52	5.83	-89.56	-83.49	-0.24	-23.29	3.73	0.43	1.36	2.79	-1.49
171	3	306	21.32	0.22	-21.12	-20.85	-0.05	-2.39	-0.04	-0.26	-0.09	-0.22	-0.09
		157	20.26	0.38	-19.88	-19.55	0.05	-2.57	-0.08	-0.23	-0.08	-0.23	-0.02
		137	15.05	0.69	-14.40	-13.68	-0.03	-3.23	0.20	0.13	0.13	0.20	0.02
		92	15.42	0.74	-14.88	-14.20	0.06	-3.18	0.26	0.05	0.14	0.17	-0.10
171	4	306	53.12	0.56	-51.16	-50.21	-0.39	-6.92	0.06	-1.05	-0.33	-0.66	-0.53
		157	48.53	0.90	-47.41	-46.31	-0.20	-7.21	-0.07	-0.87	-0.25	-0.69	-0.34
		137	37.87	2.15	-34.74	-32.23	-0.37	-9.30	1.38	0.53	0.58	1.33	-0.20
		92	40.58	2.30	-36.17	-33.84	-0.03	-9.17	1.38	0.16	0.50	1.04	-0.55
172	1	109	13.44	1.60	-10.59	-8.29	-0.70	-4.76	0.23	-0.33	0.23	-0.33	0.03
		161	14.72	1.23	-10.68	-8.66	-0.78	-4.46	0.49	-0.13	0.36	7.59e-03	0.26
		283	10.22	5.59	-3.40	2.59	-0.40	-4.24	0.11	-0.48	-0.31	-0.06	-0.27
		165	12.46	5.32	-3.60	3.12	-1.40	-3.85	1.48	1.38	1.42	1.43	-0.05
172	2	109	80.04	14.91	-57.21	-36.34	-5.95	-32.70	3.93	2.73	3.60	3.06	0.53
		161	102.01	10.76	-57.61	-39.30	-7.55	-30.28	14.10	4.38	4.44	14.04	0.80
		283	111.31	34.94	-22.65	14.82	-2.53	-27.45	12.32	-2.23	-2.09	12.19	1.39
		165	155.98	33.53	-23.05	21.86	-11.38	-22.89	25.31	12.97	13.87	24.41	3.21
172	3	109	11.72	1.89	-9.14	-6.57	-0.68	-4.67	0.35	0.13	0.34	0.14	0.05
		161	12.49	1.46	-9.25	-6.95	-0.83	-4.40	1.09	0.41	0.44	1.06	0.14
		283	11.02	5.20	-3.28	2.26	-0.33	-4.04	0.91	-0.25	-0.24	0.91	0.03
		165	15.54	5.02	-3.30	3.06	-1.34	-3.53	2.32	1.39	1.45	2.26	0.23
172	4	109	31.60	5.84	-22.96	-14.88	-2.24	-12.94	1.46	1.02	1.34	1.14	0.20
		161	39.06	4.30	-23.17	-16.03	-2.84	-12.05	5.24	1.62	1.65	5.22	0.30
		283	42.32	13.90	-8.98	5.88	-0.96	-10.91	4.59	-0.82	-0.77	4.54	0.52
		165	58.62	13.38	-9.05	8.62	-4.29	-9.17	9.40	4.80	5.14	9.07	1.20
173	1	178	28.73	-2.61	-29.62	-28.10	-4.12	-6.22	0.07	0.03	0.07	0.03	2.62e-03
		140	28.05	2.22	-26.23	-26.13	2.12	-1.71	0.08	-0.08	0.07	-0.07	-0.03
		139	20.34	0.62	-19.64	-18.95	-0.08	-3.68	0.14	-0.09	0.09	-0.04	-0.09
		169	16.88	-2.82	-17.84	-17.00	-3.66	-3.45	0.05	-0.07	-0.01	-5.18e-03	-0.06
173	2	178	166.24	-11.71	-155.86	-147.01	-20.56	-34.60	1.97	-2.62	-0.93	0.28	-2.22
		140	147.20	10.01	-134.86	-133.79	8.95	-12.37	1.14	-2.92	-0.88	-0.89	-2.03
		139	118.83	6.14	-100.15	-93.98	-0.02	-24.85	3.19	-1.46	0.06	1.67	-2.18
		169	102.64	-11.47	-91.71	-85.37	-17.81	-21.64	2.53	-2.36	-0.40	0.56	-2.40
173	3	178	25.48	-2.11	-25.41	-24.04	-3.48	-5.49	0.16	-0.18	-0.05	0.03	-0.17
		140	23.47	1.86	-22.21	-22.08	1.73	-1.76	0.10	-0.23	-0.05	-0.09	-0.16
		139	17.96	0.76	-16.59	-15.81	-0.02	-3.60	0.27	-0.12	0.03	0.11	-0.19
		169	15.32	-2.12	-15.09	-14.22	-2.99	-3.25	0.21	-0.20	-0.03	0.04	-0.20
173	4	178	66.44	-4.81	-62.82	-59.27	-8.35	-13.89	0.73	-0.98	-0.35	0.10	-0.82
		140	59.17	4.17	-54.40	-53.98	3.75	-4.92	0.42	-1.09	-0.33	-0.33	-0.75
		139	47.37	2.40	-40.45	-38.04	-9.02e-03	-9.87	1.18	-0.54	0.02	0.62	-0.81
		169	40.78	-4.68	-36.98	-34.48	-7.18	-8.64	0.94	-0.88	-0.15	0.21	-0.89
174	1	125	9.28	-0.69	-9.28	-7.72	-2.25	-3.32	0.08	-0.05	0.03	-3.02e-03	-0.06
		141	12.65	1.94	-10.72	-8.17	-0.61	-5.08	0.23	-4.12e-03	0.09	0.14	-0.12
		143	9.98	6.77	-3.67	4.02	-0.92	-4.59	0.33	0.13	0.15	0.31	0.06
		142	7.51	6.26	-1.12	4.04	1.10	-3.38	0.03	-0.09	-0.05	-0.01	0.06
174	2	125	51.73	2.96	-46.94	-34.46	-9.52	-21.61	0.86	-0.46	0.50	-0.10	-0.59
		141	86.57	16.39	-56.29	-36.39	-3.51	-32.41	5.07	-0.09	0.23	4.75	-1.25
		143	100.21	47.06	-20.12	30.68	-3.74	-28.85	8.01	0.03	1.95	6.09	3.41
		142	74.61	45.53	-4.99	31.88	8.67	-22.43	2.24	-3.21	-0.79	-0.18	2.71
174	3	125	8.03	-0.10	-7.78	-6.12	-1.76	-3.17	0.09	-0.05	0.05	-7.73e-03	-0.06
		141	12.15	2.20	-9.14	-6.48	-0.46	-4.81	0.44	2.54e-03	0.04	0.40	-0.13
		143	11.95	6.68	-3.16	4.19	-0.66	-4.28	0.70	0.04	0.19	0.55	0.28
		142	8.99	6.35	-0.84	4.32	1.19	-3.24	0.18	-0.27	-0.07	-0.02	0.22
174	4	125	20.62	0.99	-18.94	-14.04	-3.91	-8.59	0.32	-0.17	0.18	-0.04	-0.22
		141	34.08	6.48	-22.65	-14.84	-1.32	-12.90	1.88	-0.03	0.09	1.76	-0.46
		143	38.69	18.62	-8.03	12.08	-1.49	-11.47	2.98	9.61e-03	0.72	2.27	1.27
		142	28.88	17.99	-1.99	12.57	3.43	-8.88	0.83	-1.19	-0.29	-0.07	1.01
175	1	305	23.86	0.26	-23.00	-22.77	0.04	-2.26	0.12	-0.43	-0.09	-0.21	0.27
		179	22.70	0.36	-21.97	-21.69	0.08	-2.47	0.25	-0.40	-0.09	-0.06	0.32
		146	18.77	0.56	-16.29	-15.78	0.05	-2.88	0.06	-0.77	-0.19	-0.52	0.38
		162	18.85	0.49	-16.72	-16.22	-1.80e-03	-2.88	0.11	-0.57	-0.08	-0.39	0.30
175	2	305	110.53	2.07	-107.50	-104.54	-0.90	-17.78	-0.40	-1.71	-0.44	-1.68	-0.21
		179	101.91	2.31	-98.12	-94.96	-0.86	-17.54	-0.13	-1.05	-0.15	-1.02	0.14
		146	83.24	5.06	-76.61	-70.26	-1.29	-21.87	4.79	1.69	1.78	4.69	0.54
		162	88.42	5.06	-81.22	-74.77	-1.39	-22.69	4.43	1.93	1.93	4.43	-0.07
175	3	305	19.12	0.29	-18.59	-18.29	-0.02	-2.39	-0.04	-0.22	-0.06	-0.19	0.06
		179	17.96	0.38	-17.40	-17.04	0.01	-2.52	0.04	-0.18	-0.04	-0.10	0.11
		146	14.20	0.66	-13.22	-12.53	-0.04	-3.03	0.31	-0.03	0.08	0.20	0.15
		162	14.55	0.62	-13.77	-13.08	-0.07	-3.07	0.27	0.07	0.12	0.22	0.09
175	4	305	44.80	0.83	-43.64	-42.51	-0.30	-6.99	-0.15	-0.64	-0.16	-0.62	-0.08
		179	41.44	0.96	-39.98	-38.75	-0.26	-6.98	-0.05	-0.39	-0.06	-0.38	0.05
		146	33.54	2.01	-31.11	-28.67	-0.43	-8.65	1.78	0.63	0.66	1.75	0.20



		162	35.55	1.99	-32.89	-30.42	-0.48	-8.94	1.65	0.72	0.72	1.65	-0.03
176	1	114	12.61	1.32	-10.69	-8.79	-0.58	-4.38	-0.17	-0.55	-0.22	-0.49	0.13
		182	17.12	1.10	-10.83	-9.03	-0.70	-4.27	-0.07	-1.40	-0.18	-1.29	0.37
		185	14.19	5.09	-3.39	2.05	-0.34	-4.07	-0.15	-1.54	-0.24	-1.45	-0.35
		167	13.26	4.89	-3.57	2.41	-1.09	-3.85	0.20	-0.99	0.07	-0.85	-0.38
176	2	114	83.65	12.57	-57.73	-38.61	-6.55	-31.29	5.68	2.59	3.16	5.11	1.20
		182	112.67	7.96	-57.18	-41.14	-8.09	-28.07	16.56	4.66	4.81	16.41	1.33
		185	112.17	28.59	-26.04	4.60	-2.04	-27.11	13.80	-3.26	-3.24	13.78	0.56
		167	183.51	23.02	-26.82	9.98	-13.78	-21.90	31.54	16.98	17.18	31.34	1.68
176	3	114	11.52	1.58	-9.25	-6.97	-0.70	-4.41	0.34	0.08	0.18	0.24	0.13
		182	12.34	1.17	-9.31	-7.28	-0.86	-4.14	0.93	0.24	0.31	0.86	0.21
		185	8.71	4.44	-3.59	1.14	-0.28	-3.95	0.62	-0.32	-0.31	0.62	-0.06
		167	13.75	3.94	-3.64	1.74	-1.43	-3.44	2.12	1.31	1.31	2.12	0.02
176	4	114	32.85	4.93	-23.20	-15.81	-2.47	-12.38	2.12	0.97	1.18	1.90	0.45
		182	42.93	3.21	-23.06	-16.80	-3.05	-11.19	6.16	1.73	1.79	6.10	0.50
		185	42.45	11.42	-10.31	1.89	-0.78	-10.78	5.14	-1.21	-1.20	5.13	0.21
		167	68.69	9.31	-10.52	3.98	-5.19	-8.79	11.73	6.31	6.38	11.66	0.63
177	1	309	21.37	0.26	-20.81	-20.57	0.02	-2.25	0.38	-0.24	-0.04	0.18	0.29
		298	20.56	0.40	-19.75	-19.42	0.07	-2.54	0.40	-0.13	-0.01	0.29	0.22
		297	17.00	0.63	-15.32	-14.78	0.09	-2.89	-0.19	-0.79	-0.34	-0.64	0.26
		183	17.72	0.53	-15.76	-15.27	0.04	-2.78	-0.11	-0.89	-0.35	-0.65	0.36
177	2	309	94.53	2.31	-88.66	-85.48	-0.87	-16.71	0.35	-0.96	0.15	-0.76	0.48
		298	85.28	2.58	-79.68	-76.31	-0.79	-16.30	0.75	-0.44	0.35	-0.05	0.56
		297	75.52	4.86	-66.29	-60.31	-1.12	-19.73	5.20	1.63	1.85	4.98	0.86
		183	79.90	4.66	-71.44	-65.33	-1.44	-20.67	5.36	2.01	2.13	5.25	0.61
177	3	309	16.63	0.30	-16.11	-15.78	-0.03	-2.30	0.12	-0.13	-1.25e-03	-6.90e-03	0.12
		298	15.41	0.41	-14.94	-14.54	0.01	-2.44	0.16	-0.06	0.02	0.08	0.11
		297	12.76	0.67	-11.97	-11.29	-9.95e-03	-2.85	0.28	-0.05	0.04	0.19	0.14
		183	13.38	0.59	-12.56	-11.91	-0.06	-2.86	0.30	-0.04	0.06	0.21	0.15
177	4	309	38.42	0.92	-36.22	-35.01	-0.29	-6.58	0.13	-0.36	0.05	-0.28	0.18
		298	34.83	1.07	-32.71	-31.40	-0.24	-6.52	0.28	-0.17	0.13	-0.02	0.21
		297	30.36	1.93	-27.09	-24.79	-0.37	-7.84	1.94	0.61	0.69	1.86	0.32
		183	32.07	1.83	-29.07	-26.74	-0.50	-8.16	2.00	0.75	0.79	1.95	0.23
178	1	128	13.07	1.20	-10.94	-9.26	-0.48	-4.19	-0.48	-0.68	-0.61	-0.56	0.10
		45	19.82	1.22	-11.06	-9.26	-0.58	-4.34	-0.79	-2.60	-0.81	-2.59	0.16
		291	20.79	4.78	-3.51	1.70	-0.43	-4.00	0.25	-2.80	0.24	-2.79	-0.15
		296	27.82	5.08	-3.50	2.14	-0.57	-4.07	-2.53	-4.88	-2.60	-4.81	-0.39
178	2	128	81.20	10.82	-56.03	-39.16	-6.06	-29.04	5.92	2.02	2.62	5.32	1.41
		45	109.92	6.52	-54.18	-40.26	-7.40	-25.52	16.59	4.48	4.64	16.43	1.39
		291	109.19	24.52	-28.19	-2.03	-1.63	-26.35	14.20	-3.67	-3.67	14.20	0.17
		296	191.18	16.83	-28.84	1.77	-13.78	-21.47	33.44	17.89	17.95	33.39	0.90
178	3	128	10.84	1.37	-9.23	-7.22	-0.64	-4.16	0.31	-0.04	0.02	0.24	0.14
		45	10.91	1.07	-9.18	-7.33	-0.78	-3.94	0.54	0.06	0.11	0.48	0.15
		291	7.27	3.95	-3.83	0.40	-0.28	-3.87	0.26	-0.21	-0.20	0.26	-0.03
		296	8.95	3.44	-3.84	0.88	-1.28	-3.47	1.11	0.58	0.58	1.11	-0.04
178	4	128	31.92	4.24	-22.61	-16.08	-2.29	-11.52	2.21	0.75	0.98	1.98	0.53
		45	41.86	2.65	-21.96	-16.52	-2.80	-10.22	6.18	1.66	1.72	6.12	0.52
		291	41.24	9.83	-11.17	-0.70	-0.63	-10.50	5.29	-1.36	-1.36	5.29	0.06
		296	71.50	6.92	-11.34	0.77	-5.19	-8.63	12.45	6.65	6.67	12.43	0.34
179	1	156	19.96	0.31	-18.48	-18.17	2.28e-03	-2.38	0.54	0.03	0.04	0.53	0.08
		89	18.87	0.49	-17.29	-16.84	0.04	-2.77	0.44	0.03	0.04	0.43	-0.07
		87	15.45	0.75	-14.20	-13.54	0.08	-3.08	-0.24	-0.52	-0.29	-0.48	-0.10
		108	15.62	0.61	-14.73	-14.18	0.05	-2.86	-0.39	-0.74	-0.43	-0.70	0.11
179	2	156	77.54	2.62	-70.63	-67.20	-0.81	-15.46	0.88	-0.40	0.56	-0.08	0.55
		89	68.28	2.94	-62.17	-58.48	-0.75	-15.06	1.12	0.12	0.69	0.55	0.50
		87	64.00	4.78	-55.00	-49.27	-0.94	-17.59	4.70	1.68	1.82	4.56	0.64
		108	70.75	4.46	-60.58	-54.83	-1.29	-18.46	5.57	2.02	2.17	5.42	0.71
179	3	156	13.93	0.34	-13.63	-13.27	-0.03	-2.23	0.19	0.02	0.05	0.15	0.07
		89	12.80	0.47	-12.47	-12.00	7.42e-03	-2.41	0.17	0.06	0.06	0.17	0.02
		87	11.18	0.71	-10.58	-9.87	2.51e-03	-2.73	0.21	0.05	0.05	0.21	0.02
		108	11.65	0.60	-11.24	-10.59	-0.05	-2.70	0.24	-2.26e-03	0.04	0.21	0.09
179	4	156	31.67	1.03	-29.09	-27.80	-0.27	-6.11	0.33	-0.15	0.21	-0.03	0.21
		89	28.09	1.21	-25.78	-24.34	-0.23	-6.06	0.42	0.04	0.26	0.20	0.19
		87	25.88	1.91	-22.67	-20.46	-0.30	-7.03	1.75	0.62	0.68	1.70	0.24
		108	28.40	1.75	-24.83	-22.63	-0.45	-7.32	2.07	0.75	0.81	2.02	0.27
180	1	130	14.50	1.16	-11.19	-9.54	-0.49	-4.20	-0.25	-0.58	-0.55	-0.29	-0.10
		91	20.05	1.36	-11.24	-9.31	-0.57	-4.54	-1.00	-2.89	-1.05	-2.83	-0.31
		186	23.19	4.58	-3.85	1.32	-0.59	-4.10	0.86	-3.01	0.85	-3.01	0.16
		83	41.03	5.30	-3.64	1.91	-0.25	-4.34	-4.72	-7.66	-4.73	-7.65	-0.11
180	2	130	73.94	9.59	-51.70	-36.86	-5.26	-26.26	5.02	1.56	2.21	4.38	1.35
		91	100.93	5.49	-48.57	-36.53	-6.56	-22.50	15.60	4.25	4.37	15.48	1.15
		186	112.84	21.46	-28.53	-5.76	-1.31	-24.90	14.59	-3.90	-3.90	14.59	-0.09
		83	194.31	12.80	-29.37	-3.31	-13.26	-20.49	34.35	18.40	18.42	34.34	0.52
180	3	130	9.93	1.25	-8.99	-7.16	-0.58	-3.92	0.27	-0.01	8.97e-03	0.25	0.08
		91	10.09	1.02	-8.80	-7.06	-0.71	-3.74	0.34	0.02	0.02	0.34	-2.85e-03
		186	7.21	3.61	-3.99	-0.08	-0.30	-3.79	0.23	-0.05	-0.04	0.22	0.04
		83	7.05	3.14	-3.96	0.32	-1.14	-3.48	0.34	-0.01	-0.01	0.34	0.01



180	4	130	29.24	3.76	-21.00	-15.25	-1.99	-10.46	1.88	0.58	0.83	1.63	0.51
		91	38.46	2.25	-19.86	-15.13	-2.48	-9.06	5.81	1.58	1.63	5.77	0.43
		186	42.50	8.64	-11.34	-2.18	-0.52	-9.96	5.44	-1.45	-1.45	5.44	-0.03
		83	72.65	5.36	-11.59	-1.23	-5.00	-8.26	12.79	6.84	6.85	12.78	0.20
181	1	312	17.85	0.42	-15.80	-15.36	-0.02	-2.64	0.56	1.98e-03	0.07	0.50	-0.18
		273	16.39	0.66	-14.42	-13.77	3.85e-03	-3.07	0.40	-0.14	0.02	0.24	-0.24
		235	15.96	0.91	-12.72	-11.86	0.05	-3.32	0.32	-0.59	-0.11	-0.16	-0.45
		288	15.43	0.70	-13.44	-12.75	0.01	-3.04	-0.11	-0.63	-0.28	-0.45	-0.24
181	2	312	59.81	3.05	-53.50	-49.71	-0.74	-14.14	0.87	0.06	0.70	0.24	0.33
		273	51.31	3.46	-45.68	-41.53	-0.69	-13.67	0.86	0.36	0.74	0.48	0.21
		235	48.76	4.76	-42.86	-37.31	-0.78	-15.27	3.31	1.48	1.49	3.30	0.12
		288	58.74	4.31	-48.77	-43.30	-1.16	-16.14	5.12	1.97	2.06	5.03	0.53
181	3	312	11.51	0.41	-11.11	-10.67	-0.03	-2.21	0.17	0.07	0.07	0.17	-0.03
		273	10.45	0.58	-9.94	-9.36	-6.74e-03	-2.41	0.14	0.03	0.06	0.11	-0.05
		235	10.24	0.78	-8.98	-8.21	6.74e-03	-2.63	0.28	6.40e-03	0.08	0.21	-0.12
		288	10.54	0.61	-9.73	-9.06	-0.06	-2.55	0.25	0.07	0.07	0.25	-0.03
181	4	312	24.65	1.19	-22.28	-20.85	-0.25	-5.62	0.33	0.02	0.26	0.09	0.13
		273	21.36	1.41	-19.21	-17.58	-0.21	-5.55	0.32	0.13	0.28	0.18	0.08
		235	20.04	1.92	-17.91	-15.75	-0.24	-6.18	1.24	0.55	0.56	1.23	0.05
		288	23.68	1.68	-20.20	-18.11	-0.41	-6.43	1.91	0.73	0.77	1.87	0.20
182	1	132	14.92	1.17	-11.23	-9.45	-0.61	-4.35	0.38	-0.34	-0.07	0.11	-0.35
		279	20.09	1.42	-11.10	-9.03	-0.65	-4.65	-0.41	-2.17	-0.79	-1.79	-0.72
		285	17.21	4.50	-4.38	0.82	-0.70	-4.38	1.12	-1.73	1.08	-1.70	0.33
		189	37.97	5.15	-4.02	1.44	-0.32	-4.50	-4.51	-6.94	-4.54	-6.91	0.24
182	2	132	63.40	8.61	-44.81	-31.79	-4.42	-22.94	3.20	0.78	1.69	2.30	1.17
		279	88.12	4.49	-40.40	-30.25	-5.65	-18.78	13.89	3.94	4.03	13.80	0.95
		285	119.48	18.80	-26.89	-7.13	-0.96	-22.63	15.26	-4.41	-4.40	15.25	-0.45
		189	202.96	9.54	-28.35	-5.91	-12.89	-18.62	36.30	19.90	19.91	36.30	0.19
182	3	132	9.16	1.17	-8.44	-6.72	-0.55	-3.69	0.21	0.11	0.11	0.21	-0.01
		279	10.63	0.96	-8.07	-6.45	-0.67	-3.47	0.56	0.03	0.07	0.52	-0.14
		285	8.25	3.36	-4.05	-0.38	-0.31	-3.71	0.68	-0.02	-0.01	0.67	0.07
		189	8.48	2.82	-4.04	-0.08	-1.13	-3.39	0.73	0.14	0.16	0.72	0.09
182	4	132	25.36	3.38	-18.40	-13.34	-1.68	-9.20	1.20	0.29	0.63	0.86	0.44
		279	33.63	1.86	-16.75	-12.73	-2.15	-7.65	5.18	1.46	1.50	5.14	0.35
		285	45.01	7.63	-10.75	-2.73	-0.39	-9.12	5.69	-1.64	-1.63	5.69	-0.16
		189	75.86	4.12	-11.24	-2.26	-4.86	-7.57	13.52	7.40	7.40	13.52	0.08
183	1	282	14.17	0.80	-11.63	-9.86	-0.96	-4.34	0.29	-0.47	0.05	-0.22	-0.36
		289	13.10	0.98	-11.16	-9.21	-0.97	-4.46	0.14	-0.39	-2.12e-03	-0.25	-0.23
		290	14.53	1.27	-10.34	-8.11	-0.96	-4.58	0.57	-0.47	0.20	-0.10	-0.50
		135	12.88	1.03	-10.56	-8.54	-0.99	-4.39	-0.14	-0.64	-0.23	-0.55	-0.19
183	2	282	44.72	4.11	-36.13	-27.28	-4.74	-16.67	4.18	1.76	1.78	4.16	-0.23
		289	36.44	4.34	-30.76	-22.68	-3.74	-14.78	3.51e-03	-1.27	-5.56e-03	-1.26	0.11
		290	36.24	5.62	-29.94	-20.43	-3.89	-15.74	0.68	-0.34	0.68	-0.34	0.02
		135	64.70	4.62	-34.81	-24.86	-5.32	-17.12	8.93	2.78	2.92	8.79	-0.92
183	3	282	9.09	0.63	-7.95	-6.58	-0.74	-3.15	0.34	0.07	0.15	0.26	-0.12
		289	8.04	0.78	-7.39	-5.94	-0.67	-3.13	0.01	-0.19	-3.71e-03	-0.17	-0.06
		290	8.29	1.01	-6.96	-5.28	-0.67	-3.25	0.20	-0.14	0.11	-0.06	-0.15
		135	9.34	0.76	-7.38	-5.81	-0.81	-3.21	0.55	0.11	0.15	0.51	-0.12
183	4	282	18.29	1.61	-15.21	-11.74	-1.86	-6.80	1.56	0.65	0.66	1.56	-0.08
		289	15.41	1.78	-13.20	-9.93	-1.49	-6.19	-1.12e-03	-0.48	-4.73e-03	-0.48	0.04
		290	15.26	2.30	-12.76	-8.93	-1.53	-6.56	0.26	-0.13	0.26	-0.12	8.21e-03
		135	25.37	1.82	-14.56	-10.65	-2.09	-6.98	3.33	1.03	1.08	3.28	-0.34
184	1	135	13.41	1.24	-10.68	-8.62	-0.83	-4.51	0.53	-0.26	0.27	-5.81e-03	-0.37
		290	16.50	1.31	-10.28	-8.15	-0.82	-4.49	0.26	-0.96	-0.27	-0.42	-0.61
		293	10.99	4.49	-4.87	0.38	-0.75	-4.65	0.70	0.18	0.53	0.35	0.25
		287	17.31	4.46	-4.54	0.82	-0.91	-4.42	-1.48	-2.58	-1.70	-2.36	0.44
184	2	135	54.70	7.78	-35.41	-23.86	-3.77	-19.11	0.98	-2.21	0.39	-1.63	1.24
		290	68.46	3.34	-29.94	-21.79	-4.80	-14.31	10.30	3.02	3.24	10.09	1.23
		293	124.51	16.22	-23.01	-5.94	-0.85	-19.44	15.31	-5.70	-5.64	15.24	-1.18
		287	217.96	6.59	-25.58	-6.10	-12.89	-15.73	39.44	22.75	22.76	39.43	-0.43
184	3	135	8.73	1.12	-7.47	-5.76	-0.59	-3.43	0.12	-0.12	0.12	-0.12	-0.01
		290	9.12	0.84	-6.92	-5.41	-0.67	-3.07	0.67	0.15	0.16	0.65	-0.09
		293	10.69	3.18	-3.94	-0.42	-0.34	-3.56	1.30	-0.27	-0.27	1.30	-0.01
		287	14.80	2.38	-4.01	-0.30	-1.33	-3.15	2.34	1.22	1.23	2.33	0.11
184	4	135	22.07	3.05	-14.79	-10.27	-1.47	-7.76	0.37	-0.82	0.15	-0.60	0.46
		290	26.40	1.44	-12.74	-9.45	-1.85	-5.98	3.85	1.12	1.20	3.77	0.46
		293	46.98	6.67	-9.33	-2.29	-0.37	-7.94	5.73	-2.12	-2.10	5.71	-0.44
		287	81.52	3.02	-10.24	-2.35	-4.87	-6.51	14.72	8.47	8.48	14.71	-0.15
185	1	160	10.81	3.81	-4.45	-0.31	-0.34	-4.13	0.87	-0.02	0.05	0.80	0.24
		171	12.88	3.83	-4.06	0.12	-0.35	-3.94	-0.15	-1.21	-0.82	-0.54	0.51
		302	7.88	2.39	-4.49	-0.49	-1.61	-3.39	0.49	0.22	0.27	0.43	0.11
		184	11.19	4.49	-2.75	1.54	0.20	-3.56	1.07	-0.07	0.06	0.94	-0.36
185	2	160	37.39	8.92	-13.80	-2.10	-2.77	-11.36	5.16	0.58	0.67	5.08	-0.62
		171	32.20	11.76	-10.20	1.09	0.47	-10.98	-2.39	-4.81	-4.78	-2.42	-0.25
		302	22.34	7.04	-13.73	-1.71	-4.98	-10.26	1.02	0.15	0.51	0.65	-0.43
		184	64.81	13.04	-10.51	2.67	-0.13	-11.69	4.46	-4.25	-0.89	1.10	-4.24
185	3	160	6.73	2.52	-3.17	-0.33	-0.32	-2.84	0.66	0.05	0.06	0.65	0.05



		171	7.40	2.77	-2.76	0.12	-0.11	-2.76	-0.28	-0.71	-0.62	-0.37	0.18
		302	4.74	1.64	-3.21	-0.39	-1.18	-2.39	0.22	0.14	0.14	0.21	9.15e-03
		184	9.34	3.20	-2.07	0.95	0.19	-2.61	0.69	-0.29	-0.03	0.44	-0.43
185	4	160	14.81	4.03	-5.94	-0.86	-1.04	-4.98	1.94	0.22	0.24	1.92	-0.20
		171	12.65	5.12	-4.58	0.40	0.14	-4.85	-0.92	-1.80	-1.80	-0.92	-0.05
		302	9.26	3.02	-5.94	-0.75	-2.18	-4.42	0.40	0.09	0.21	0.28	-0.15
		184	25.32	5.74	-4.36	1.29	0.09	-5.01	1.72	-1.54	-0.32	0.49	-1.58
186	1	303	14.41	1.30	-9.22	-7.79	-0.13	-3.61	-0.09	-1.34	-0.09	-1.34	-0.02
		277	10.02	1.29	-7.62	-6.00	-0.32	-3.43	0.10	-0.41	-0.18	-0.13	0.26
		254	15.64	4.42	-4.91	-0.73	0.24	-4.64	1.67	-0.63	-0.59	1.63	0.27
		190	21.50	3.47	-4.90	-0.51	-0.93	-4.18	3.38	2.00	2.18	3.20	0.46
186	2	303	65.88	6.88	-24.00	-17.08	-0.04	-12.88	-1.54	-8.70	-1.96	-8.29	1.68
		277	55.20	3.05	-17.74	-12.43	-2.26	-9.07	6.62	-0.40	1.48	4.75	3.11
		254	115.05	13.52	-17.16	-6.08	2.44	-14.74	12.55	-7.58	-7.58	12.55	0.24
		190	219.71	4.52	-20.80	-6.71	-9.57	-12.58	40.01	25.03	25.03	40.01	0.07
186	3	303	10.59	1.05	-5.99	-4.92	-0.02	-2.53	-0.16	-1.08	-0.18	-1.06	0.13
		277	8.09	0.86	-4.86	-3.75	-0.26	-2.26	0.53	-0.18	0.04	0.31	0.33
		254	13.67	3.00	-3.54	-0.85	0.32	-3.22	1.50	-0.77	-0.77	1.50	0.11
		190	23.39	1.95	-3.78	-0.83	-0.99	-2.86	4.11	2.58	2.60	4.10	0.16
186	4	303	25.88	2.69	-10.36	-7.67	1.13e-03	-5.28	-0.57	-3.27	-0.73	-3.11	0.64
		277	21.61	1.37	-7.86	-5.65	-0.83	-3.94	2.46	-0.18	0.53	1.75	1.17
		254	43.67	5.71	-7.17	-2.44	0.97	-6.21	4.73	-2.84	-2.84	4.73	0.09
		190	82.49	2.25	-8.48	-2.67	-3.55	-5.35	15.00	9.37	9.37	15.00	0.04
187	1	1727	15.84	4.84	-1.97	2.47	0.40	3.24	0.96	-0.13	0.51	0.32	-0.53
		1728	15.34	5.21	-2.53	3.26	-0.57	3.36	0.28	-0.55	-0.32	0.05	-0.37
		1687	37.75	0.42	-27.64	-27.64	0.42	0.23	0.72	-0.29	0.28	0.15	-0.50
		1688	44.20	-0.63	-34.17	-34.15	-0.64	0.66	0.04	-0.56	-0.29	-0.22	-0.30
187	2	1727	78.30	36.27	-23.30	11.81	1.16	29.30	1.04	-0.77	0.70	-0.43	0.71
		1728	83.87	30.99	-31.29	3.20	-3.50	30.96	0.74	-1.41	-0.63	-0.03	1.03
		1687	148.46	2.34	-116.45	-116.32	2.22	3.84	1.05	-0.60	0.27	0.19	0.82
		1688	238.32	-3.52	-186.86	-186.54	-3.84	7.68	1.12	-1.98	-0.56	-0.31	1.55
187	3	1727	8.55	4.05	-2.41	1.43	0.21	3.17	0.27	3.94e-03	0.22	0.05	-0.10
		1728	8.26	3.74	-3.06	1.10	-0.42	3.31	9.11e-03	-0.16	-0.16	4.02e-03	-0.03
		1687	22.09	0.31	-16.89	-16.88	0.30	0.37	0.17	-5.00e-03	0.11	0.06	-0.09
		1688	30.75	-0.44	-24.05	-24.03	-0.46	0.74	-0.07	-0.17	-0.14	-0.09	0.04
187	4	1727	29.10	13.37	-8.74	4.20	0.44	10.89	0.40	-0.29	0.27	-0.17	0.26
		1728	31.18	11.45	-11.65	1.08	-1.29	11.49	0.27	-0.54	-0.25	-0.02	0.39
		1687	55.09	0.88	-43.21	-43.16	0.83	1.44	0.39	-0.22	0.10	0.08	0.31
		1688	88.53	-1.29	-69.30	-69.18	-1.41	2.82	0.42	-0.76	-0.22	-0.12	0.59
188	1	304	23.41	2.05	-5.68	-3.55	-0.07	-3.45	-0.69	-3.51	-0.94	-3.26	0.80
		180	19.75	2.20	-4.32	-2.07	-0.05	-3.10	0.76	-1.93	-0.34	-0.83	1.32
		160	17.38	4.25	-4.31	-0.70	0.64	-4.23	0.40	-2.10	-1.98	0.28	0.53
		284	36.75	2.69	-4.69	-0.79	-1.20	-3.69	6.48	4.33	4.43	6.37	0.46
188	2	304	75.24	9.09	-14.66	-5.11	-0.46	-11.64	-3.38	-11.87	-4.46	-10.79	2.82
		180	63.54	4.38	-14.59	-8.72	-1.49	-8.77	4.91	-4.39	-0.29	0.81	4.62
		160	71.00	9.72	-11.52	-2.81	1.01	-10.45	2.41	-9.99	-9.88	2.31	1.13
		284	180.44	3.04	-14.21	-5.00	-6.17	-8.61	33.05	21.73	21.74	33.04	-0.36
188	3	304	14.45	1.59	-3.75	-2.12	-0.04	-2.46	-0.51	-2.14	-0.68	-1.97	0.50
		180	12.36	1.45	-3.21	-1.66	-0.10	-2.19	0.57	-1.04	-0.17	-0.30	0.81
		160	11.59	2.74	-2.95	-0.56	0.35	-2.81	0.31	-1.47	-1.43	0.26	0.27
		284	26.03	1.63	-3.22	-0.77	-0.82	-2.43	4.66	3.12	3.13	4.65	0.13
188	4	304	29.81	3.67	-6.40	-2.58	-0.15	-4.89	-1.30	-4.62	-1.72	-4.20	1.10
		180	25.35	2.10	-6.25	-3.63	-0.52	-3.87	1.81	-1.78	-0.16	0.19	1.78
		160	27.30	4.36	-5.09	-1.19	0.45	-4.65	0.91	-3.81	-3.77	0.87	0.45
		284	68.65	1.73	-6.04	-2.02	-2.30	-3.89	12.56	8.26	8.26	12.55	-0.11
189	1	288	15.54	0.75	-13.43	-12.27	-0.41	-3.87	-0.09	-0.57	-0.25	-0.41	-0.23
		235	15.10	0.92	-12.72	-11.35	-0.45	-4.10	0.19	-0.52	-0.06	-0.28	-0.34
		279	15.10	1.24	-11.16	-9.47	-0.45	-4.25	0.24	-0.64	-0.12	-0.28	-0.44
		132	14.75	1.11	-11.13	-9.64	-0.38	-4.01	-0.73	-1.64	-0.73	-1.64	9.82e-03
189	2	288	58.72	4.39	-48.72	-40.88	-3.46	-18.84	4.84	1.96	2.01	4.80	0.35
		235	51.29	4.73	-42.88	-35.12	-3.03	-17.58	3.62	1.44	1.48	3.58	-0.29
		279	53.18	6.49	-40.41	-30.68	-3.24	-19.02	5.22	2.12	2.13	5.21	-0.19
		132	79.35	5.68	-44.21	-34.39	-4.14	-19.84	10.89	3.45	3.49	10.86	-0.51
189	3	288	10.54	0.65	-9.71	-8.66	-0.40	-3.13	0.26	0.07	0.08	0.25	-0.04
		235	10.19	0.78	-8.98	-7.82	-0.39	-3.16	0.27	0.01	0.10	0.19	-0.12
		279	9.94	1.05	-8.11	-6.66	-0.40	-3.34	0.39	0.05	0.13	0.32	-0.14
		132	9.73	0.89	-8.38	-7.03	-0.46	-3.27	0.35	0.04	0.05	0.34	-0.03
189	4	288	23.70	1.73	-20.17	-17.13	-1.31	-7.57	1.81	0.73	0.75	1.79	0.13
		235	21.03	1.91	-17.92	-14.86	-1.15	-7.16	1.35	0.53	0.55	1.33	-0.10
		279	21.45	2.61	-16.78	-12.95	-1.22	-7.72	1.95	0.79	0.80	1.95	-0.07
		132	30.91	2.24	-18.17	-14.36	-1.57	-7.96	4.06	1.28	1.30	4.05	-0.19
190	1	273	16.07	0.54	-14.28	-13.73	-5.51e-03	-2.79	0.35	-0.18	4.06e-03	0.17	-0.25
		106	14.04	0.75	-12.82	-12.02	-0.05	-3.19	0.09	-0.24	-0.05	-0.10	-0.16
		282	14.68	1.01	-11.74	-10.76	0.03	-3.39	0.26	-0.63	-0.07	-0.30	-0.43
		235	15.77	0.75	-12.63	-11.85	-0.03	-3.14	0.30	-0.64	-0.12	-0.22	-0.47
190	2	273	50.89	3.36	-45.55	-41.53	-0.66	-13.43	0.74	0.24	0.65	0.33	0.19
		106	43.31	3.93	-37.94	-33.32	-0.69	-13.12	0.67	0.19	0.66	0.20	0.07



		282	45.17	4.86	-36.75	-31.10	-0.80	-14.26	3.69	1.53	1.59	3.64	0.34
		235	49.51	4.51	-42.61	-37.23	-0.87	-14.98	2.98	1.49	1.53	2.94	0.24
190	3	273	10.27	0.48	-9.83	-9.34	-0.01	-2.21	0.12	3.06e-03	0.05	0.08	-0.06
		106	9.03	0.64	-8.66	-7.98	-0.04	-2.42	0.06	-0.04	0.03	-0.01	-0.04
		282	9.14	0.83	-8.09	-7.26	3.47e-03	-2.58	0.25	0.04	0.10	0.19	-0.10
		235	9.88	0.64	-8.89	-8.19	-0.06	-2.48	0.24	-4.68e-03	0.08	0.16	-0.12
190	4	273	21.11	1.31	-19.10	-17.58	-0.21	-5.36	0.28	0.09	0.24	0.12	0.07
		106	18.18	1.58	-16.11	-14.29	-0.23	-5.36	0.25	0.07	0.25	0.07	0.03
		282	18.51	1.97	-15.50	-13.29	-0.24	-5.81	1.38	0.57	0.59	1.36	0.13
		235	20.27	1.75	-17.77	-15.72	-0.30	-5.99	1.11	0.56	0.57	1.10	0.09
191	1	235	15.73	0.79	-12.61	-11.36	-0.46	-3.90	0.31	-0.58	-0.06	-0.22	-0.44
		282	13.83	1.00	-11.75	-10.26	-0.49	-4.10	0.13	-0.58	-0.04	-0.42	-0.30
		135	12.81	1.22	-10.79	-9.06	-0.51	-4.22	0.21	-0.63	0.09	-0.51	-0.30
		279	15.06	1.11	-10.96	-9.39	-0.46	-4.06	-0.02	-1.01	-0.29	-0.75	-0.44
191	2	235	50.32	4.62	-42.56	-35.01	-2.93	-17.30	2.72	1.49	1.54	2.67	0.24
		282	45.35	4.75	-36.81	-29.07	-2.99	-16.18	4.03	1.51	1.52	4.02	0.19
		135	59.33	5.76	-35.88	-26.82	-3.30	-17.18	7.78	2.51	2.60	7.68	0.70
		279	52.39	5.76	-39.57	-30.50	-3.31	-18.13	5.24	2.39	2.45	5.17	-0.44
191	3	235	9.79	0.68	-8.87	-7.81	-0.38	-3.00	0.23	8.84e-03	0.10	0.14	-0.11
		282	8.97	0.82	-8.10	-6.89	-0.40	-3.06	0.23	0.06	0.10	0.18	-0.07
		135	8.56	0.99	-7.60	-6.19	-0.42	-3.19	0.45	0.22	0.23	0.44	-0.03
		279	9.53	0.89	-7.93	-6.62	-0.42	-3.14	0.30	-0.03	0.10	0.17	-0.16
191	4	235	20.59	1.81	-17.74	-14.82	-1.12	-6.98	1.02	0.56	0.57	1.00	0.09
		282	18.53	1.92	-15.52	-12.46	-1.14	-6.64	1.50	0.56	0.57	1.50	0.07
		135	23.32	2.33	-15.03	-11.45	-1.25	-7.03	2.90	0.94	0.97	2.87	0.27
		279	21.03	2.26	-16.40	-12.87	-1.27	-7.31	1.95	0.89	0.91	1.93	-0.16
192	1	189	33.88	4.44	-5.02	1.51	-2.09	-4.38	-3.48	-6.00	-4.02	-5.46	1.03
		285	22.57	4.86	-3.85	0.62	0.38	-4.35	1.18	-2.17	0.91	-1.90	0.91
		286	21.75	9.80	-2.15	7.93	-0.27	-4.35	0.64	-1.69	-0.46	-0.59	1.16
		172	17.61	9.39	-0.72	8.51	0.16	-2.85	2.25	0.66	0.76	2.15	0.40
192	2	189	140.62	14.22	-20.23	-3.32	-2.69	-17.22	25.40	13.21	14.22	24.38	-3.37
		285	122.44	16.67	-29.64	-7.89	-5.07	-23.11	16.08	-2.67	-2.26	15.67	-2.75
		286	45.79	25.79	-16.04	11.69	-1.94	-19.78	2.98	2.02	2.68	2.32	-0.45
		172	71.22	23.17	-14.96	9.77	-1.56	-18.21	-5.62	-11.52	-5.64	-11.50	-0.32
192	3	189	6.77	2.92	-3.61	0.15	-0.84	-3.22	0.23	-0.15	-0.14	0.22	0.06
		285	8.07	3.39	-4.14	-0.48	-0.26	-3.76	0.64	0.10	0.11	0.64	0.06
		286	10.04	5.97	-2.13	4.08	-0.25	-3.42	0.39	-0.27	0.10	0.03	0.33
		172	7.75	5.63	-1.43	4.19	0.01	-2.85	-0.13	-0.33	-0.22	-0.23	0.10
192	4	189	52.75	5.88	-8.18	-1.28	-1.01	-7.03	9.44	4.90	5.27	9.07	-1.25
		285	46.33	6.89	-11.78	-3.01	-1.88	-9.32	6.00	-0.98	-0.83	5.84	-1.02
		286	18.30	10.75	-6.30	5.19	-0.74	-7.99	1.12	0.79	1.02	0.89	-0.15
		172	27.08	9.85	-5.79	4.56	-0.50	-7.40	-2.11	-4.28	-2.12	-4.28	-0.11
193	1	279	14.72	1.16	-10.98	-9.04	-0.78	-4.45	0.04	-1.47	-0.05	-1.39	-0.34
		135	13.55	1.33	-10.70	-8.71	-0.66	-4.47	0.08	-0.37	-0.16	-0.12	-0.22
		287	16.70	4.64	-4.87	0.74	-0.97	-4.68	-0.49	-2.23	-0.65	-2.07	0.51
		285	16.80	4.76	-4.45	0.77	-0.46	-4.56	0.06	-2.19	-5.89e-03	-2.12	0.38
193	2	279	99.36	6.32	-42.18	-30.19	-5.68	-20.92	14.62	4.18	4.62	14.18	-2.09
		135	51.32	5.73	-33.50	-24.40	-3.37	-16.56	1.64	-2.61	0.55	-1.52	-1.85
		287	217.52	15.88	-34.65	-6.23	-12.55	-25.06	39.57	22.36	22.56	39.37	-1.82
		285	122.49	17.53	-25.60	-7.16	-0.90	-21.34	14.93	-5.36	-5.31	14.88	-0.98
193	3	279	11.12	0.99	-8.14	-6.44	-0.71	-3.55	0.82	0.20	0.34	0.68	-0.26
		135	9.41	1.03	-7.37	-5.84	-0.49	-3.24	0.14	-0.30	-0.01	-0.15	-0.21
		287	15.57	3.20	-4.85	-0.34	-1.31	-4.00	2.42	1.54	1.55	2.42	0.02
		285	8.19	3.32	-3.95	-0.40	-0.24	-3.63	0.51	-0.41	-0.41	0.51	0.04
193	4	279	38.28	2.51	-17.38	-12.71	-2.16	-8.43	5.45	1.56	1.72	5.29	-0.78
		135	20.60	2.33	-14.12	-10.49	-1.30	-6.82	0.61	-0.97	0.20	-0.57	-0.69
		287	81.42	6.53	-13.68	-2.40	-4.74	-10.04	14.77	8.35	8.42	14.70	-0.67
		285	46.13	7.13	-10.25	-2.75	-0.37	-8.60	5.57	-1.99	-1.98	5.55	-0.36
194	1	285	15.43	4.77	-4.08	0.77	-0.09	-4.40	-0.26	-2.00	-0.34	-1.91	0.37
		287	13.18	4.63	-5.51	0.43	-1.31	-4.99	0.27	-1.09	0.18	-1.00	0.34
		170	14.35	8.23	-2.12	6.39	-0.28	-3.97	0.99	-0.15	0.34	0.50	0.56
		286	19.54	9.47	-1.81	7.99	-0.32	-3.81	0.74	-1.45	-0.17	-0.53	1.08
194	2	285	117.43	13.72	-27.08	-7.75	-5.61	-20.37	15.80	-2.99	-2.81	15.62	1.81
		287	161.24	23.84	-28.93	-3.86	-1.23	-26.36	27.87	15.96	16.51	27.32	2.50
		170	79.98	22.36	-21.11	3.56	-2.30	-21.54	-5.02	-12.42	-5.07	-12.37	-0.57
		286	42.55	27.61	-17.71	11.74	-1.84	-21.62	2.41	1.92	2.09	2.23	0.23
194	3	285	10.11	3.04	-3.91	-0.42	-0.45	-3.48	0.70	-0.38	-0.31	0.64	0.26
		287	14.59	3.84	-4.60	-0.26	-0.50	-4.22	1.96	1.18	1.33	1.81	0.30
		170	8.50	5.14	-2.40	2.94	-0.20	-3.43	-0.23	-0.81	-0.26	-0.78	0.12
		286	10.28	5.98	-2.13	4.11	-0.26	-3.42	0.42	-0.29	0.10	0.03	0.35
194	4	285	44.32	5.70	-10.74	-2.95	-2.08	-8.21	5.90	-1.11	-1.04	5.83	0.68
		287	60.84	9.56	-11.57	-1.53	-0.48	-10.55	10.41	5.96	6.17	10.20	0.94
		170	30.41	9.40	-8.11	2.10	-0.80	-8.63	-1.85	-4.61	-1.86	-4.59	-0.21
		286	17.23	11.45	-6.93	5.22	-0.71	-8.70	0.92	0.70	0.77	0.85	0.10
195	1	284	29.09	3.85	-3.19	0.18	0.49	-3.52	5.09	3.38	3.54	4.94	-0.49
		160	14.44	3.85	-4.85	-0.12	-0.88	-4.34	0.52	-1.60	-1.58	0.50	-0.19
		184	12.75	3.94	-2.88	1.42	-0.37	-3.29	1.55	0.50	0.85	1.19	-0.50



		163	14.22	4.95	-2.98	2.21	-0.24	-3.77	-0.99	-2.21	-1.00	-2.20	-0.10
195	2	284	148.66	8.15	-8.20	-2.07	2.02	-7.92	27.31	16.09	18.54	24.86	-4.64
		160	77.77	8.80	-14.98	-1.51	-4.67	-11.79	4.43	-8.59	-8.01	3.85	-2.69
		184	71.76	10.69	-9.52	2.55	-1.38	-9.91	8.17	-1.76	3.46	2.96	-4.96
		163	75.66	11.77	-14.12	-0.03	-2.32	-12.90	-3.98	-11.70	-4.91	-10.78	-2.51
195	3	284	21.35	2.41	-2.22	-0.13	0.33	-2.31	3.76	2.35	2.57	3.53	-0.52
		160	11.43	2.57	-3.38	-0.18	-0.63	-2.97	0.49	-1.19	-1.15	0.45	-0.26
		184	10.40	2.73	-2.10	0.86	-0.23	-2.35	1.16	0.10	0.58	0.67	-0.53
		163	10.94	3.29	-2.41	1.08	-0.20	-2.78	-0.66	-1.60	-0.72	-1.54	-0.22
195	4	284	56.78	3.69	-3.71	-0.80	0.78	-3.61	10.35	6.11	7.02	9.43	-1.75
		160	30.18	4.03	-6.38	-0.60	-1.75	-5.18	1.65	-3.26	-3.05	1.44	-1.00
		184	27.95	4.74	-4.06	1.20	-0.53	-4.32	3.13	-0.58	1.35	1.20	-1.85
		163	29.19	5.31	-5.71	0.42	-0.82	-5.48	-1.53	-4.42	-1.87	-4.08	-0.93
196	1	180	16.20	1.90	-4.46	-2.18	-0.38	-3.05	-0.09	-1.99	-0.81	-1.27	0.93
		181	8.87	4.11	-2.85	0.34	0.93	-3.47	0.02	-0.53	-0.10	-0.41	0.22
		171	13.60	3.61	-4.22	-0.70	0.09	-3.89	0.21	-1.12	-0.66	-0.24	0.63
		160	12.47	4.01	-4.38	-0.42	0.04	-4.19	1.06	-0.08	0.09	0.88	0.41
196	2	180	51.86	1.51	-17.57	-12.83	-3.23	-8.25	1.27	-6.53	-4.43	-0.82	3.46
		181	21.94	9.85	-4.66	1.17	4.03	-7.11	2.06	-0.24	1.96	-0.14	0.47
		171	31.57	12.02	-11.45	-1.78	2.35	-11.55	-0.81	-4.17	-4.12	-0.86	0.41
		160	39.22	10.06	-12.49	0.16	-2.58	-11.19	5.34	0.80	0.82	5.32	0.26
196	3	180	9.96	0.99	-3.47	-2.06	-0.42	-2.08	-0.05	-1.20	-0.66	-0.58	0.58
		181	5.44	2.76	-1.68	0.28	0.80	-2.21	0.16	-0.21	0.12	-0.18	0.11
		171	7.91	2.66	-2.92	-0.49	0.22	-2.77	0.02	-0.64	-0.50	-0.12	0.27
		160	7.85	2.71	-3.02	-0.20	-0.12	-2.87	0.74	0.03	0.08	0.70	0.17
196	4	180	20.58	0.88	-7.36	-5.21	-1.27	-3.62	0.38	-2.57	-1.74	-0.45	1.33
		181	9.34	4.46	-2.22	0.52	1.72	-3.29	0.77	-0.14	0.73	-0.10	0.18
		171	13.10	5.15	-5.06	-0.81	0.89	-5.04	-0.27	-1.56	-1.53	-0.30	0.20
		160	15.69	4.50	-5.42	-0.03	-0.90	-4.94	2.02	0.28	0.29	2.01	0.13
197	1	290	14.07	1.00	-10.09	-6.58	-2.50	-5.16	0.30	-0.76	0.15	-0.61	-0.37
		289	12.04	0.84	-10.91	-7.72	-2.35	-5.23	-0.03	-0.42	-0.05	-0.40	-0.07
		303	12.76	1.11	-9.37	-5.83	-2.42	-4.96	-0.21	-1.06	-0.27	-1.00	0.22
197	2	290	34.61	4.10	-29.55	-15.79	-9.66	-16.55	2.31	1.05	1.11	2.25	-0.25
		289	38.28	3.64	-30.37	-17.87	-8.86	-16.40	0.11	-1.60	-0.10	-1.39	0.57
		303	35.36	5.24	-23.72	-11.35	-7.12	-14.33	-0.41	-2.54	-0.88	-2.08	0.88
197	3	290	8.03	0.70	-6.78	-4.28	-1.79	-3.53	0.20	-0.09	0.12	-0.01	-0.13
		289	7.93	0.63	-7.21	-4.93	-1.64	-3.56	-0.02	-0.23	-0.03	-0.23	0.02
		303	8.02	0.90	-6.10	-3.59	-1.62	-3.36	-0.10	-0.52	-0.15	-0.47	0.14
197	4	290	14.34	1.61	-12.53	-7.01	-3.91	-6.90	0.86	0.39	0.41	0.84	-0.09
		289	15.98	1.45	-12.96	-7.94	-3.57	-6.87	0.04	-0.60	-0.04	-0.52	0.21
		303	14.75	2.12	-10.35	-5.22	-3.01	-6.14	-0.16	-0.97	-0.34	-0.79	0.33
198	1	282	14.50	0.81	-11.65	-8.32	-2.52	-5.51	0.28	-0.59	0.14	-0.45	-0.32
		106	13.71	0.71	-12.62	-9.52	-2.39	-5.63	0.10	-0.19	0.03	-0.13	-0.12
		289	12.52	0.87	-11.17	-7.69	-2.61	-5.46	0.12	-0.19	0.06	-0.13	-0.13
198	2	282	43.72	3.89	-36.33	-21.75	-10.69	-19.33	3.87	1.69	1.79	3.77	-0.45
		106	42.49	3.41	-37.51	-24.21	-9.88	-19.16	0.66	0.23	0.54	0.34	0.19
		289	35.59	4.50	-30.51	-17.62	-8.39	-16.88	0.27	-0.40	0.18	-0.32	0.22
198	3	282	9.04	0.62	-7.98	-5.48	-1.88	-3.90	0.29	0.04	0.18	0.16	-0.13
		106	8.83	0.57	-8.49	-6.19	-1.73	-3.95	0.06	-0.02	0.05	-0.01	-0.02
		289	7.85	0.72	-7.39	-4.88	-1.80	-3.75	0.03	-0.07	0.03	-0.06	-0.02
198	4	282	17.86	1.53	-15.28	-9.46	-4.30	-8.00	1.45	0.63	0.66	1.41	-0.17
		106	17.77	1.36	-15.86	-10.54	-3.95	-7.96	0.24	0.08	0.20	0.13	0.07
		289	15.08	1.79	-13.12	-7.82	-3.51	-7.14	0.10	-0.15	0.07	-0.12	0.08
199	1	287	19.07	4.36	-4.63	1.02	-1.28	-4.35	-1.23	-2.70	-1.87	-2.06	0.73
		293	14.37	4.63	-4.67	0.11	-0.16	-4.65	1.00	-0.24	0.61	0.15	0.57
		294	20.59	8.07	-2.46	6.00	-0.39	-4.19	1.00	-1.32	-0.22	-0.11	1.16
		170	13.46	8.11	-1.03	6.95	0.13	-3.05	0.98	-0.15	0.20	0.63	0.52
199	2	287	158.94	11.89	-17.12	-3.91	-1.32	-14.45	29.06	15.64	17.21	27.49	-4.32
		293	128.37	13.91	-25.90	-6.97	-5.02	-19.88	16.38	-4.24	-3.61	15.75	-3.55
		294	51.19	20.22	-15.36	6.88	-2.02	-17.23	4.64	1.51	3.07	3.08	-1.57
		170	77.58	18.25	-16.12	4.03	-1.90	-16.93	-5.84	-12.72	-5.95	-12.61	-0.85
199	3	287	9.64	2.74	-3.30	-0.07	-0.49	-3.01	1.50	0.72	0.73	1.48	-0.11
		293	10.65	3.12	-4.12	-0.58	-0.42	-3.62	1.28	-0.09	-0.08	1.27	-0.09
		294	8.69	4.96	-2.23	3.02	-0.28	-3.19	0.47	-0.03	0.20	0.24	0.25
		170	7.86	4.81	-1.67	3.17	-0.03	-2.82	-0.39	-0.80	-0.41	-0.77	0.10
199	4	287	59.61	5.01	-7.04	-1.53	-0.50	-6.00	10.81	5.81	6.38	10.23	-1.60
		293	48.64	5.87	-10.41	-2.68	-1.87	-8.13	6.13	-1.57	-1.33	5.89	-1.32
		294	20.14	8.60	-6.09	3.28	-0.77	-7.06	1.73	0.62	1.17	1.18	-0.56
		170	29.41	7.92	-6.25	2.31	-0.63	-6.93	-2.20	-4.73	-2.24	-4.70	-0.31
200	1	290	15.79	1.12	-10.33	-8.17	-1.04	-4.48	0.97	-0.55	0.49	-0.07	-0.70
		303	13.90	1.31	-9.15	-7.17	-0.66	-4.10	-0.51	-1.58	-0.56	-1.53	-0.23
		190	23.17	4.36	-5.94	0.16	-1.74	-5.06	3.58	2.91	2.94	3.55	0.13
		293	11.28	4.57	-4.63	0.34	-0.40	-4.59	-0.04	-0.88	-0.83	-0.09	0.20
200	2	290	73.54	5.11	-31.89	-21.78	-4.99	-16.49	9.92	2.05	2.58	9.39	-1.97
		303	52.93	4.98	-22.16	-15.12	-2.07	-11.90	-1.07	-7.97	-1.24	-7.80	-1.07
		190	215.12	13.31	-29.48	-4.48	-11.69	-21.09	39.71	22.88	23.36	39.23	-2.80
		293	129.73	14.80	-21.51	-5.88	-0.83	-17.98	15.99	-5.85	-5.68	15.81	-1.94



200	3	290	11.03	0.86	-7.04	-5.41	-0.77	-3.20	0.93	0.12	0.35	0.71	-0.36
		303	9.10	0.98	-5.88	-4.49	-0.41	-2.76	-0.25	-1.11	-0.28	-1.08	-0.15
		190	23.67	2.93	-4.81	-0.36	-1.51	-3.83	4.17	2.71	2.73	4.15	-0.17
		293	12.18	3.08	-3.74	-0.43	-0.23	-3.41	1.21	-0.70	-0.69	1.20	-0.09
200	4	290	28.72	2.04	-13.42	-9.45	-1.94	-6.75	3.71	0.77	0.97	3.51	-0.74
		303	20.56	2.06	-9.73	-6.85	-0.82	-5.07	-0.42	-3.00	-0.48	-2.94	-0.40
		190	80.86	5.58	-11.78	-1.74	-4.46	-8.57	14.90	8.60	8.78	14.72	-1.03
		293	48.99	6.13	-8.75	-2.27	-0.36	-7.37	5.98	-2.19	-2.13	5.92	-0.72
201	1	293	15.97	4.12	-4.64	0.26	-0.77	-4.35	0.40	-1.28	-0.92	0.04	0.69
		190	24.93	5.23	-5.43	0.04	-0.24	-5.33	3.82	2.48	2.99	3.32	0.65
		168	13.73	6.37	-2.43	4.25	-0.32	-3.76	-0.26	-1.61	-0.45	-1.41	0.47
		294	20.47	8.05	-2.40	6.07	-0.42	-4.09	1.38	-1.08	0.25	0.05	1.23
201	2	293	113.81	10.79	-23.27	-6.84	-5.63	-17.02	15.28	-3.74	-3.63	15.18	1.39
		190	160.64	21.47	-22.78	-2.15	0.84	-22.07	29.04	17.14	17.42	28.76	1.81
		168	82.45	17.70	-19.23	0.64	-2.17	-18.41	-4.98	-13.23	-5.11	-13.10	-1.01
		294	43.45	22.27	-17.32	6.81	-1.86	-19.32	3.40	1.87	2.12	3.15	-0.57
201	3	293	13.13	2.62	-3.81	-0.52	-0.66	-3.22	1.26	-0.62	-0.56	1.20	0.32
		190	20.44	3.90	-4.15	-0.24	-0.01	-4.02	3.37	2.17	2.28	3.26	0.35
		168	9.54	4.18	-2.46	1.94	-0.21	-3.14	-0.51	-1.43	-0.51	-1.43	0.07
		294	9.88	5.12	-2.36	3.04	-0.28	-3.35	0.60	-0.09	0.24	0.28	0.34
201	4	293	43.07	4.61	-9.34	-2.63	-2.10	-6.97	5.73	-1.40	-1.36	5.69	0.53
		190	60.85	8.71	-9.30	-0.89	0.30	-8.99	10.91	6.45	6.56	10.80	0.70
		168	31.37	7.58	-7.47	0.87	-0.76	-7.48	-1.85	-4.94	-1.89	-4.89	-0.37
		294	17.23	9.39	-6.83	3.26	-0.71	-7.86	1.27	0.72	0.79	1.20	-0.19
202	1	190	15.15	4.12	-3.85	0.48	-0.22	-3.97	2.55	1.46	1.46	2.55	8.34e-03
		254	13.32	4.25	-5.20	-0.17	-0.78	-4.71	1.46	-0.38	-0.38	1.46	-0.03
		281	12.48	6.05	-2.74	3.75	-0.45	-3.86	0.93	-5.40e-03	0.29	0.63	0.43
		168	11.89	6.53	-1.85	4.69	-0.01	-3.47	-0.46	-1.41	-0.54	-1.32	0.27
202	2	190	175.80	9.96	-12.25	-2.92	0.63	-10.96	32.42	18.31	20.54	30.20	-5.15
		254	119.06	11.24	-20.24	-4.19	-4.81	-15.74	13.22	-6.87	-5.91	12.27	-4.28
		281	65.16	14.86	-12.97	3.97	-2.07	-13.59	7.44	0.31	3.60	4.15	-3.55
		168	85.51	14.49	-16.13	0.53	-2.17	-15.25	-5.63	-13.96	-6.05	-13.54	-1.83
202	3	190	18.48	2.56	-2.73	-0.15	-0.02	-2.65	3.23	1.88	2.01	3.11	-0.39
		254	13.90	2.83	-3.88	-0.44	-0.61	-3.35	1.48	-0.62	-0.56	1.42	-0.33
		281	7.20	3.88	-2.22	1.96	-0.30	-2.83	0.62	0.34	0.39	0.56	-0.11
		168	9.67	4.03	-2.04	2.10	-0.10	-2.83	-0.65	-1.45	-0.65	-1.44	-0.05
202	4	190	66.16	4.31	-5.23	-1.16	0.23	-4.72	12.12	6.84	7.66	11.30	-1.92
		254	45.41	4.90	-8.33	-1.63	-1.80	-6.62	4.98	-2.55	-2.20	4.62	-1.59
		281	25.26	6.51	-5.26	2.03	-0.78	-5.71	2.79	0.19	1.38	1.60	-1.29
		168	32.49	6.43	-6.31	0.86	-0.74	-6.32	-2.13	-5.22	-2.28	-5.06	-0.67
203	1	277	11.02	1.37	-7.80	-6.09	-0.34	-3.57	0.42	-0.16	0.05	0.20	-0.28
		304	18.83	1.93	-5.66	-3.58	-0.15	-3.38	-0.74	-3.00	-0.75	-3.00	0.13
		284	35.28	4.10	-6.14	-0.96	-1.08	-5.12	6.27	4.32	4.33	6.26	-0.07
		254	15.74	4.21	-4.48	-0.65	0.38	-4.31	1.25	-1.38	-1.37	1.24	0.18
203	2	277	45.26	4.90	-19.74	-13.45	-1.39	-10.74	5.31	-0.42	-0.42	5.31	-0.09
		304	53.20	8.20	-12.17	-3.60	-0.37	-10.06	-0.89	-8.55	-0.94	-8.49	-0.65
		284	166.03	10.10	-21.75	-6.43	-5.22	-15.91	31.24	16.88	17.18	30.94	-2.03
		254	104.33	12.31	-15.37	-4.91	1.84	-13.42	12.32	-5.53	-5.51	12.31	-0.55
203	3	277	7.66	0.97	-5.03	-3.86	-0.20	-2.38	0.48	-0.04	-0.02	0.46	-0.09
		304	10.94	1.51	-3.59	-2.01	-0.06	-2.35	-0.35	-1.70	-0.35	-1.70	9.12e-03
		284	24.48	2.68	-4.33	-0.94	-0.71	-3.50	4.48	2.75	2.77	4.46	-0.18
		254	13.49	2.83	-3.25	-0.73	0.31	-2.99	1.35	-0.88	-0.88	1.35	0.02
203	4	277	17.99	2.01	-8.56	-6.04	-0.51	-4.51	1.98	-0.16	-0.16	1.98	-0.04
		304	20.77	3.36	-5.51	-2.02	-0.13	-4.33	-0.39	-3.35	-0.40	-3.33	-0.22
		284	63.23	4.46	-8.95	-2.56	-1.94	-6.70	11.88	6.47	6.58	11.77	-0.76
		254	39.82	5.23	-6.48	-1.99	0.75	-5.69	4.63	-2.11	-2.11	4.62	-0.20
204	1	254	19.57	3.61	-4.72	-0.05	-1.07	-4.13	1.54	-1.34	-1.23	1.43	0.55
		284	31.73	5.40	-4.97	3.38e-03	0.42	-5.18	5.39	3.50	3.83	5.07	0.71
		163	13.52	4.73	-2.91	2.07	-0.24	-3.64	-0.61	-2.14	-0.63	-2.11	0.18
		281	15.75	6.33	-3.05	3.77	-0.49	-4.18	1.26	-0.23	0.37	0.67	0.73
204	2	254	91.59	8.87	-17.19	-4.09	-4.23	-13.03	12.57	-3.37	-3.37	12.57	-5.78e-03
		284	118.51	16.91	-15.12	-0.29	2.09	-15.97	21.93	12.35	12.47	21.81	1.06
		163	67.22	13.67	-14.39	0.62	-1.34	-13.99	-2.88	-10.20	-3.24	-9.84	-1.58
		281	51.92	16.59	-15.05	3.60	-2.06	-15.56	4.79	-0.04	1.27	3.48	-2.15
204	3	254	13.45	2.35	-3.41	-0.38	-0.67	-2.88	1.45	-0.68	-0.67	1.44	0.19
		284	20.03	3.68	-3.45	-0.08	0.30	-3.56	3.45	2.16	2.25	3.37	0.33
		163	9.76	3.30	-2.38	1.06	-0.14	-2.78	-0.43	-1.44	-0.43	-1.43	-0.06
		281	7.33	4.13	-2.50	1.94	-0.32	-3.12	0.53	0.19	0.22	0.51	0.09
204	4	254	34.96	3.92	-7.11	-1.58	-1.60	-5.51	4.74	-1.30	-1.30	4.73	0.02
		284	45.75	7.09	-6.45	-0.17	0.80	-6.75	8.38	4.76	4.81	8.33	0.43
		163	25.98	5.95	-5.78	0.63	-0.46	-5.84	-1.08	-3.85	-1.21	-3.72	-0.58
		281	20.22	7.18	-6.07	1.89	-0.78	-6.49	1.79	0.04	0.48	1.34	-0.76
205	1	92	19.60	0.64	-17.78	-16.75	-0.39	-4.23	0.14	-0.19	0.12	-0.18	0.08
		137	19.09	0.66	-17.22	-16.20	-0.36	-4.15	0.13	-0.31	0.02	-0.19	0.19
		161	13.68	1.32	-10.75	-8.95	-0.48	-4.30	0.18	-0.31	0.12	-0.26	0.15
205	2	109	12.70	1.31	-10.59	-8.72	-0.55	-4.33	0.40	0.11	0.40	0.12	-0.04
		92	98.05	5.74	-90.15	-80.35	-4.05	-29.05	3.26	0.72	1.75	2.22	-1.25



		137	95.71	5.63	-85.57	-75.64	-4.30	-28.42	3.98	1.34	1.54	3.78	-0.70
		161	79.21	12.11	-57.71	-40.72	-4.88	-29.96	8.47	3.67	3.69	8.46	-0.25
		109	81.26	12.87	-56.46	-39.17	-4.42	-30.00	8.59	3.72	3.79	8.52	-0.60
205	3	92	15.62	0.76	-14.94	-13.75	-0.42	-4.15	0.22	0.07	0.17	0.12	-0.07
		137	14.88	0.77	-14.34	-13.13	-0.43	-4.10	0.23	0.12	0.12	0.23	4.70e-03
		161	11.04	1.57	-9.30	-7.21	-0.52	-4.29	0.57	0.31	0.31	0.56	0.03
		109	10.63	1.61	-9.09	-6.97	-0.51	-4.26	0.69	0.39	0.40	0.68	-0.06
205	4	92	39.32	2.29	-36.39	-32.59	-1.51	-11.50	1.21	0.27	0.65	0.83	-0.46
		137	38.41	2.26	-34.61	-30.74	-1.60	-11.29	1.48	0.50	0.57	1.41	-0.26
		161	31.14	4.78	-23.23	-16.62	-1.83	-11.89	3.15	1.36	1.37	3.15	-0.09
		109	31.81	5.04	-22.69	-15.99	-1.66	-11.87	3.19	1.38	1.41	3.17	-0.22
206	1	157	25.03	0.25	-24.10	-23.88	0.04	-2.29	0.02	-0.40	-0.08	-0.30	0.18
		305	23.95	0.35	-23.06	-22.79	0.08	-2.50	0.12	-0.43	-0.11	-0.21	0.27
		162	18.96	0.55	-16.77	-16.25	0.03	-2.96	0.10	-0.57	-0.08	-0.39	0.30
		137	19.04	0.53	-17.22	-16.70	0.02	-2.97	0.13	-0.34	0.03	-0.24	0.19
206	2	157	119.45	1.84	-117.08	-114.30	-0.93	-17.95	-0.25	-2.25	-0.66	-1.85	-0.81
		305	110.04	2.20	-107.61	-104.56	-0.85	-18.04	-0.40	-1.73	-0.48	-1.64	-0.32
		162	87.92	5.17	-81.36	-74.80	-1.38	-22.89	4.39	1.96	1.96	4.39	0.02
		137	95.70	5.51	-85.68	-79.24	-0.94	-23.37	3.85	1.25	1.48	3.61	-0.74
206	3	157	20.23	0.27	-19.85	-19.56	-0.02	-2.41	-0.08	-0.23	-0.08	-0.23	-7.13e-03
		305	19.15	0.37	-18.65	-18.30	0.02	-2.56	-0.05	-0.21	-0.07	-0.19	0.06
		162	14.68	0.67	-13.81	-13.10	-0.05	-3.14	0.27	0.07	0.12	0.22	0.09
		137	14.83	0.68	-14.34	-13.64	-0.02	-3.16	0.20	0.12	0.12	0.20	1.67e-03
206	4	157	48.27	0.75	-47.40	-46.35	-0.31	-7.05	-0.10	-0.84	-0.25	-0.69	-0.30
		305	44.67	0.92	-43.71	-42.53	-0.26	-7.17	-0.15	-0.64	-0.18	-0.61	-0.12
		162	35.41	2.05	-32.96	-30.45	-0.47	-9.05	1.63	0.73	0.73	1.63	6.49e-03
		137	38.35	2.16	-34.64	-32.17	-0.30	-9.20	1.43	0.46	0.55	1.34	-0.28
207	1	137	19.14	0.61	-17.19	-16.21	-0.38	-4.07	0.11	-0.36	2.20e-03	-0.26	0.20
		162	19.04	0.61	-16.74	-15.74	-0.38	-4.04	0.13	-0.56	-0.10	-0.33	0.32
		114	13.30	1.22	-10.84	-9.16	-0.46	-4.17	-0.13	-0.63	-0.17	-0.59	0.15
		161	13.26	1.19	-10.63	-8.95	-0.49	-4.13	0.21	-0.20	0.14	-0.13	0.16
207	2	137	96.13	5.58	-85.85	-75.84	-4.43	-28.55	4.13	1.42	1.63	3.92	-0.73
		162	88.37	5.24	-81.18	-71.25	-4.69	-27.56	4.04	1.83	1.94	3.93	-0.47
		114	93.37	10.50	-58.08	-41.81	-5.77	-29.17	11.97	4.62	4.67	11.92	0.64
		161	76.29	11.77	-57.03	-40.51	-4.75	-29.39	8.03	3.43	3.43	8.03	-0.07
207	3	137	14.87	0.73	-14.34	-13.15	-0.45	-4.05	0.22	0.12	0.12	0.22	3.65e-03
		162	14.61	0.72	-13.78	-12.59	-0.48	-3.99	0.23	0.08	0.12	0.20	0.06
		114	11.45	1.39	-9.38	-7.39	-0.59	-4.18	0.75	0.28	0.30	0.73	0.09
		161	10.89	1.46	-9.17	-7.19	-0.52	-4.14	0.58	0.29	0.30	0.57	0.04
207	4	137	38.53	2.22	-34.69	-30.82	-1.65	-11.30	1.54	0.53	0.60	1.46	-0.27
		162	35.58	2.10	-32.89	-29.03	-1.75	-10.96	1.50	0.68	0.72	1.46	-0.18
		114	36.07	4.16	-23.39	-17.07	-2.16	-11.58	4.45	1.72	1.74	4.43	0.24
		161	29.99	4.61	-22.93	-16.54	-1.78	-11.62	2.99	1.28	1.28	2.99	-0.03
208	1	165	14.32	5.44	-2.81	3.26	-0.63	-3.64	1.81	1.23	1.49	1.55	-0.29
		283	12.05	5.69	-3.63	2.65	-0.60	-4.37	0.23	-0.70	-0.41	-0.05	-0.43
		166	17.80	11.48	-1.83	10.23	-0.58	-3.88	0.70	-0.61	0.16	-0.06	-0.65
		176	14.43	11.50	-1.00	10.39	0.11	-3.55	-0.27	-0.95	-0.37	-0.85	-0.24
208	2	165	102.73	36.45	-15.22	24.64	-3.41	-21.70	16.84	8.73	8.75	16.82	0.47
		283	99.33	33.92	-25.29	14.38	-5.74	-27.84	12.03	-0.14	-0.14	12.03	0.05
		166	77.20	58.90	-9.42	52.68	-3.21	-19.65	3.21	-1.54	1.05	0.63	2.36
		176	87.62	63.48	-2.83	59.43	1.22	-15.89	-3.30	-9.70	-3.97	-9.04	1.96
208	3	165	11.67	5.28	-2.40	3.33	-0.44	-3.34	1.72	1.08	1.08	1.72	-0.05
		283	9.88	5.21	-3.54	2.27	-0.60	-4.14	0.91	-0.14	-0.13	0.89	-0.12
		166	11.00	9.58	-1.48	8.56	-0.46	-3.20	0.14	0.05	0.14	0.05	-3.07e-03
		176	11.72	10.12	-0.55	9.31	0.26	-2.82	-0.41	-0.94	-0.42	-0.93	0.08
208	4	165	38.76	14.46	-6.07	9.66	-1.27	-8.69	6.25	3.22	3.23	6.24	0.18
		283	37.77	13.58	-9.96	5.74	-2.13	-11.09	4.47	-0.05	-0.05	4.47	0.02
		166	30.53	23.63	-3.73	21.14	-1.24	-7.87	1.22	-0.56	0.41	0.26	0.89
		176	34.31	25.52	-1.09	23.84	0.59	-6.48	-1.24	-3.61	-1.49	-3.36	0.73
209	1	161	13.03	1.31	-10.67	-8.64	-0.72	-4.49	0.08	-0.33	-0.04	-0.21	0.19
		114	14.02	1.27	-10.71	-8.82	-0.62	-4.36	0.11	-0.50	0.03	-0.42	0.21
		167	13.73	5.39	-3.94	2.46	-1.02	-4.33	-0.32	-1.29	-0.56	-1.04	-0.42
		283	10.77	5.44	-3.40	2.60	-0.56	-4.13	0.49	-0.07	0.27	0.16	-0.27
209	2	161	108.72	12.16	-59.33	-39.21	-7.96	-32.15	14.75	5.37	5.62	14.49	-1.53
		114	73.67	10.55	-55.69	-38.59	-6.55	-28.99	5.34	2.06	2.48	4.92	-1.10
		167	186.94	31.19	-35.17	10.08	-14.05	-30.91	31.81	18.83	18.85	31.79	0.53
		283	110.26	33.83	-21.38	14.60	-2.15	-26.31	11.60	-3.56	-3.47	11.51	1.15
209	3	161	11.99	1.56	-9.35	-6.94	-0.84	-4.52	1.04	0.41	0.41	1.03	-0.06
		114	10.23	1.44	-9.13	-6.98	-0.71	-4.25	0.25	0.19	0.20	0.25	-0.02
		167	13.91	4.78	-4.45	1.76	-1.43	-4.33	2.11	1.26	1.27	2.10	-0.08
		283	10.55	5.04	-3.15	2.24	-0.35	-3.88	0.92	-0.18	-0.18	0.92	6.74e-03
209	4	161	41.87	4.79	-23.78	-16.00	-2.99	-12.72	5.48	2.00	2.09	5.39	-0.57
		114	29.20	4.20	-22.47	-15.80	-2.47	-11.55	1.98	0.77	0.92	1.83	-0.41
		167	70.02	12.42	-13.70	4.02	-5.29	-12.20	11.84	7.01	7.02	11.83	0.20
		283	41.88	13.45	-8.48	5.79	-0.82	-10.45	4.32	-1.32	-1.29	4.28	0.43
210	1	283	11.93	5.39	-3.16	2.60	-0.37	-4.01	0.56	-0.29	0.27	5.73e-04	-0.40
		167	13.81	5.69	-4.02	2.64	-0.97	-4.51	-0.15	-1.15	-0.61	-0.69	-0.50



		175	15.88	11.42	-1.57	9.68	0.16	-4.41	0.59	-0.22	0.23	0.15	-0.41
		166	15.64	11.43	-1.75	10.24	-0.56	-3.77	0.35	-0.79	-0.28	-0.17	-0.57
210	2	283	124.23	31.09	-22.78	14.43	-6.12	-24.90	13.11	-2.87	-2.14	12.38	3.32
		167	155.53	37.24	-30.01	11.45	-4.22	-32.70	24.36	13.61	15.16	22.81	3.77
		175	78.87	48.98	-10.77	38.94	-0.72	-22.35	-4.05	-10.54	-4.16	-10.43	0.85
		166	81.78	60.11	-10.15	53.15	-3.18	-21.00	4.08	-1.79	1.61	0.69	2.90
210	3	283	11.13	4.80	-3.11	2.26	-0.57	-3.70	0.96	-0.10	-0.08	0.94	0.14
		167	12.68	5.37	-4.08	1.91	-0.61	-4.55	1.57	0.94	0.98	1.53	0.14
		175	11.13	8.69	-1.37	7.22	0.09	-3.55	-0.22	-0.74	-0.23	-0.73	-0.06
		166	10.74	9.67	-1.52	8.60	-0.45	-3.29	0.08	-0.03	0.03	0.02	0.06
210	4	283	47.12	12.42	-8.92	5.76	-2.27	-9.89	4.88	-1.06	-0.79	4.61	1.24
		167	58.72	14.73	-11.79	4.52	-1.58	-12.91	9.07	5.07	5.65	8.49	1.41
		175	30.46	19.82	-4.10	15.89	-0.17	-8.86	-1.49	-3.91	-1.53	-3.87	0.31
		166	32.28	24.10	-4.01	21.32	-1.22	-8.40	1.53	-0.67	0.59	0.27	1.09
211	1	169	17.51	-2.89	-18.42	-17.06	-4.25	-4.38	0.08	-0.07	3.48e-03	0.01	-0.07
		139	19.83	1.00	-18.81	-17.61	-0.20	-4.72	0.14	-0.09	0.12	-0.06	-0.07
		141	12.35	1.52	-10.94	-8.64	-0.77	-4.83	0.25	0.01	0.15	0.12	-0.12
		125	9.37	-0.46	-9.08	-7.71	-1.83	-3.15	0.06	-0.07	-0.02	9.36e-03	-0.06
211	2	169	105.85	-11.10	-94.68	-85.25	-20.52	-26.43	2.49	-2.42	-0.15	0.22	-2.45
		139	113.97	6.96	-96.17	-86.69	-2.52	-29.80	3.09	-1.40	0.50	1.20	-2.22
		141	82.06	14.97	-56.74	-38.61	-3.16	-31.17	4.85	0.87	1.38	4.34	-1.33
		125	54.93	3.79	-45.87	-34.40	-7.69	-20.93	0.58	-0.86	-0.41	0.14	-0.67
211	3	169	15.85	-2.17	-15.61	-14.26	-3.51	-4.03	0.21	-0.20	-9.99e-03	0.02	-0.21
		139	17.27	1.05	-15.88	-14.62	-0.21	-4.46	0.26	-0.12	0.07	0.07	-0.19
		141	11.66	1.85	-9.30	-6.88	-0.57	-4.60	0.43	0.08	0.15	0.36	-0.13
		125	8.31	0.10	-7.59	-6.10	-1.39	-3.04	0.06	-0.08	-0.04	0.01	-0.07
211	4	169	42.06	-4.60	-38.20	-34.47	-8.34	-10.57	0.93	-0.90	-0.05	0.08	-0.91
		139	45.46	2.82	-38.81	-35.08	-0.90	-11.89	1.15	-0.52	0.18	0.44	-0.82
		141	32.34	5.84	-22.88	-15.76	-1.28	-12.40	1.80	0.32	0.51	1.61	-0.49
		125	21.82	1.37	-18.49	-14.00	-3.12	-8.31	0.22	-0.32	-0.15	0.05	-0.25
212	1	140	27.31	-0.10	-26.98	-26.75	-0.33	-2.45	0.01	-0.12	0.01	-0.11	-0.02
		306	25.97	0.54	-24.99	-24.76	0.31	-2.42	-0.03	-0.29	-0.04	-0.27	0.06
		92	19.52	0.60	-18.03	-17.45	0.02	-3.23	0.13	-0.13	0.13	-0.13	0.03
		139	18.96	0.45	-18.35	-17.80	-0.10	-3.16	0.16	-0.09	0.10	-0.03	-0.10
212	2	140	147.50	-0.50	-139.20	-137.00	-2.70	-17.33	1.19	-2.83	-0.84	-0.80	-2.01
		306	131.34	2.66	-124.97	-122.62	0.30	-17.19	0.31	-2.97	-0.87	-1.79	-1.57
		92	102.71	5.75	-91.06	-84.73	-0.59	-23.95	3.73	0.50	1.39	2.83	-1.44
		139	111.02	5.07	-93.75	-88.28	-0.39	-22.58	3.28	-1.49	0.26	1.53	-2.30
212	3	140	23.29	-0.06	-22.88	-22.62	-0.32	-2.42	0.08	-0.23	-0.06	-0.09	-0.16
		306	21.24	0.49	-20.89	-20.60	0.21	-2.45	-0.03	-0.27	-0.08	-0.21	-0.10
		92	15.68	0.74	-15.14	-14.41	0.01	-3.32	0.26	0.06	0.14	0.18	-0.10
		139	16.68	0.61	-15.48	-14.83	-0.04	-3.17	0.28	-0.13	0.05	0.11	-0.20
212	4	140	59.15	-0.18	-56.13	-55.28	-1.03	-6.83	0.44	-1.05	-0.31	-0.30	-0.75
		306	52.89	1.12	-50.52	-49.60	0.21	-6.83	0.11	-1.10	-0.33	-0.66	-0.58
		92	41.10	2.28	-36.79	-34.35	-0.17	-9.46	1.38	0.18	0.51	1.05	-0.54
		139	44.19	1.99	-37.83	-35.72	-0.13	-8.92	1.22	-0.55	0.10	0.57	-0.85
213	1	139	19.20	0.36	-18.68	-17.57	-0.75	-4.45	0.14	-0.06	0.10	-0.02	-0.07
		92	19.42	0.81	-17.75	-16.69	-0.25	-4.30	0.13	-0.17	0.13	-0.17	0.02
		109	13.20	1.50	-10.85	-8.82	-0.53	-4.58	0.38	0.11	0.38	0.11	-2.54e-03
		141	11.77	1.40	-10.50	-8.43	-0.67	-4.51	0.27	-0.04	0.18	0.05	-0.14
213	2	139	112.33	4.48	-95.81	-86.54	-4.79	-29.04	3.34	-1.04	0.58	1.72	-2.12
		92	102.97	6.40	-89.66	-79.94	-3.32	-28.97	3.65	-0.06	1.47	2.12	-1.83
		109	81.54	13.54	-57.70	-39.62	-4.54	-31.00	8.37	4.64	4.64	8.37	-0.08
		141	78.91	14.44	-55.01	-37.45	-3.13	-30.19	4.09	0.53	1.42	3.21	-1.54
213	3	139	16.93	0.53	-15.78	-14.59	-0.66	-4.24	0.28	-0.08	0.07	0.12	-0.18
		92	15.61	0.91	-14.90	-13.69	-0.30	-4.20	0.26	-4.19e-03	0.15	0.11	-0.13
		109	11.48	1.76	-9.33	-7.05	-0.51	-4.48	0.66	0.46	0.46	0.66	-5.88e-03
		141	11.14	1.75	-8.93	-6.69	-0.49	-4.35	0.37	0.04	0.16	0.26	-0.16
213	4	139	44.74	1.76	-38.64	-35.03	-1.86	-11.53	1.24	-0.39	0.21	0.64	-0.79
		92	41.17	2.57	-36.22	-32.43	-1.21	-11.51	1.36	-0.02	0.54	0.79	-0.68
		109	31.93	5.34	-23.22	-16.18	-1.70	-12.31	3.11	1.72	1.72	3.11	-0.03
		141	31.05	5.62	-22.13	-15.29	-1.22	-11.96	1.52	0.20	0.53	1.19	-0.57
214	1	142	7.43	5.83	-1.57	3.36	0.90	-3.49	0.06	-0.08	-6.75e-03	-0.01	0.07
		143	10.66	7.67	-3.35	4.81	-0.48	-4.83	0.28	0.08	0.11	0.25	0.08
		144	14.22	11.95	-2.53	11.35	-1.94	-2.87	0.19	-0.06	0.01	0.12	0.12
		301	16.69	16.26	1.05	14.59	2.72	-4.75	0.21	-0.13	0.03	0.05	0.17
214	2	142	76.80	42.81	-7.17	27.40	8.25	-23.08	2.58	-3.53	-0.62	-0.33	3.05
		143	103.30	52.54	-18.86	35.68	-2.00	-30.32	7.45	-0.55	1.76	5.14	3.63
		144	117.23	75.05	-14.78	72.61	-12.34	-14.62	4.97	-4.79	-1.05	1.24	4.74
		301	128.30	108.49	7.45	98.03	17.92	-30.79	5.83	-3.06	1.86	0.91	4.41
214	3	142	9.10	5.94	-1.22	3.67	1.04	-3.33	0.22	-0.29	-0.05	-0.03	0.25
		143	12.49	7.53	-2.89	4.93	-0.28	-4.51	0.64	-0.02	0.16	0.46	0.30
		144	15.05	11.19	-2.18	10.75	-1.74	-2.37	0.44	-0.38	-0.07	0.13	0.39
		301	17.12	15.73	1.06	14.19	2.60	-4.50	0.49	-0.28	0.14	0.08	0.38
214	4	142	29.65	16.89	-2.88	10.79	3.22	-9.13	0.96	-1.31	-0.23	-0.12	1.14
		143	39.94	20.83	-7.48	14.08	-0.73	-12.06	2.77	-0.21	0.65	1.91	1.35
		144	45.60	29.89	-5.81	28.90	-4.82	-5.85	1.86	-1.78	-0.38	0.46	1.77



		301	50.21	43.06	2.96	38.91	7.11	-12.21	2.16	-1.14	0.68	0.33	1.64
215	1	141	12.66	1.49	-10.70	-8.23	-0.98	-4.90	0.53	0.11	0.32	0.33	-0.21
		109	13.06	1.63	-10.56	-8.28	-0.65	-4.76	0.32	-0.28	0.31	-0.27	-0.07
		165	13.76	5.98	-4.33	3.10	-1.44	-4.63	1.51	1.04	1.21	1.35	-0.22
		143	10.13	6.55	-2.95	3.93	-0.33	-4.25	0.16	-0.30	-0.29	0.16	0.05
215	2	141	92.14	14.61	-57.32	-36.76	-5.96	-32.50	8.51	2.84	3.94	7.41	-2.24
		109	75.36	14.15	-55.63	-35.94	-5.54	-31.41	4.26	1.36	2.47	3.15	-1.41
		165	157.40	39.37	-30.04	21.49	-12.17	-30.35	25.22	16.06	16.53	24.75	2.01
		143	103.72	45.97	-15.58	29.91	0.47	-27.03	4.11	-5.71	-4.78	3.18	2.88
215	3	141	12.27	1.82	-9.18	-6.54	-0.82	-4.69	0.79	0.26	0.39	0.65	-0.23
		109	10.56	1.89	-9.04	-6.53	-0.63	-4.60	0.35	0.08	0.27	0.16	-0.13
		165	15.56	5.72	-4.12	3.02	-1.42	-4.39	2.27	1.59	1.60	2.26	0.09
		143	12.13	6.49	-2.48	4.09	-0.08	-3.97	0.36	-0.51	-0.45	0.29	0.23
215	4	141	35.85	5.71	-23.00	-14.99	-2.30	-12.87	3.16	1.06	1.46	2.75	-0.83
		109	29.83	5.61	-22.41	-14.72	-2.08	-12.50	1.58	0.50	0.91	1.17	-0.52
		165	59.17	15.61	-11.73	8.47	-4.60	-12.01	9.37	5.97	6.14	9.20	0.75
		143	39.86	18.17	-6.22	11.79	0.16	-10.72	1.53	-2.12	-1.78	1.18	1.07
216	1	143	10.42	6.08	-3.09	3.82	-0.83	-3.95	0.17	-0.31	-0.27	0.12	0.14
		165	12.33	6.66	-3.80	3.35	-0.49	-4.87	1.38	1.11	1.11	1.38	0.01
		176	14.35	11.56	-1.38	10.28	-0.10	-3.87	-0.15	-0.75	-0.17	-0.74	-0.08
		144	15.12	12.96	-1.26	12.03	-0.33	-3.52	0.33	-0.13	0.03	0.17	0.22
216	2	143	115.68	41.84	-18.13	28.85	-5.14	-24.70	6.15	-6.08	-4.23	4.29	4.39
		165	152.86	44.81	-24.72	22.83	-2.73	-32.33	23.37	12.11	15.22	20.26	5.04
		176	90.43	62.74	-6.89	57.15	-1.30	-18.93	-2.46	-9.97	-3.41	-9.02	2.51
		144	124.48	82.98	-6.47	78.18	-1.67	-20.15	8.61	-3.84	2.23	2.54	6.22
216	3	143	13.04	5.98	-2.67	3.98	-0.67	-3.65	0.51	-0.55	-0.40	0.36	0.37
		165	15.91	6.42	-3.54	3.22	-0.33	-4.65	2.16	1.26	1.48	1.94	0.39
		176	11.71	10.02	-1.00	9.08	-0.05	-3.09	-0.25	-0.93	-0.29	-0.89	0.16
		144	15.88	12.26	-1.00	11.48	-0.22	-3.13	0.74	-0.34	0.16	0.24	0.54
216	4	143	44.23	16.58	-7.13	11.39	-1.95	-9.80	2.29	-2.26	-1.57	1.60	1.63
		165	57.77	17.73	-9.73	8.99	-0.99	-12.79	8.69	4.50	5.66	7.54	1.87
		176	35.11	25.19	-2.63	22.96	-0.40	-7.55	-0.90	-3.69	-1.25	-3.34	0.93
		144	48.34	33.01	-2.55	31.08	-0.61	-8.06	3.20	-1.44	0.81	0.94	2.32
217	1	162	18.83	0.58	-16.68	-15.73	-0.37	-3.93	0.08	-0.59	-0.14	-0.37	0.32
		146	18.60	0.61	-16.28	-15.31	-0.36	-3.93	0.05	-0.73	-0.24	-0.45	0.38
		182	15.48	1.18	-10.88	-9.33	-0.37	-4.04	-0.20	-1.18	-0.37	-1.01	0.37
		114	13.87	1.06	-10.72	-9.16	-0.50	-3.99	0.02	-0.64	-0.02	-0.59	0.16
217	2	162	88.10	5.18	-81.17	-71.29	-4.70	-27.49	3.96	2.04	2.04	3.95	0.09
		146	85.65	5.03	-76.56	-67.02	-4.51	-26.22	5.17	1.66	1.67	5.16	0.20
		182	80.81	9.94	-57.19	-42.22	-5.04	-27.95	9.54	3.37	3.38	9.54	0.16
		114	90.20	9.76	-57.23	-41.76	-5.71	-28.23	11.94	4.34	4.34	11.94	-0.11
217	3	162	14.77	0.68	-13.74	-12.58	-0.48	-3.92	0.26	0.04	0.11	0.19	0.10
		146	14.01	0.69	-13.21	-12.05	-0.46	-3.84	0.32	-6.00e-03	0.06	0.26	0.13
		182	11.05	1.33	-9.35	-7.51	-0.51	-4.03	0.47	0.10	0.15	0.42	0.12
		114	10.91	1.24	-9.23	-7.39	-0.61	-3.99	0.73	0.32	0.32	0.73	0.04
217	4	162	35.41	2.06	-32.86	-29.04	-1.76	-10.90	1.47	0.76	0.76	1.47	0.03
		146	34.47	2.02	-31.09	-27.38	-1.69	-10.44	1.92	0.62	0.62	1.92	0.07
		182	31.71	3.94	-23.09	-17.26	-1.89	-11.12	3.55	1.26	1.26	3.55	0.06
		114	35.02	3.83	-23.03	-17.04	-2.15	-11.17	4.44	1.61	1.61	4.44	-0.04
218	1	179	22.56	0.26	-21.91	-21.68	0.03	-2.24	0.25	-0.38	-0.08	-0.05	0.32
		309	21.39	0.37	-20.88	-20.58	0.07	-2.49	0.39	-0.26	-0.04	0.17	0.31
		183	17.77	0.60	-15.81	-15.30	0.08	-2.87	-0.11	-0.88	-0.35	-0.64	0.35
		146	18.70	0.50	-16.24	-15.76	0.02	-2.80	0.09	-0.79	-0.20	-0.51	0.41
218	2	179	102.47	2.20	-98.02	-94.94	-0.89	-17.32	-0.02	-1.07	-0.06	-1.03	0.20
		309	93.63	2.45	-88.78	-85.50	-0.83	-16.97	0.21	-0.86	0.04	-0.69	0.39
		183	80.54	4.85	-71.60	-65.38	-1.38	-20.91	5.29	2.04	2.17	5.16	0.63
		146	84.93	5.01	-76.56	-70.26	-1.30	-21.78	4.79	1.65	1.67	4.76	0.29
218	3	179	17.91	0.29	-17.35	-17.03	-0.02	-2.34	0.05	-0.18	-0.03	-0.09	0.11
		309	16.71	0.39	-16.17	-15.79	0.01	-2.47	0.12	-0.13	-8.73e-03	-3.51e-03	0.12
		183	13.50	0.65	-12.61	-11.93	-0.03	-2.94	0.30	-0.04	0.06	0.20	0.15
		146	13.99	0.61	-13.18	-12.51	-0.06	-2.97	0.30	-0.02	0.07	0.21	0.14
218	4	179	41.59	0.88	-39.91	-38.74	-0.30	-6.81	-7.97e-03	-0.40	-0.02	-0.38	0.08
		309	38.15	1.02	-36.30	-35.03	-0.25	-6.76	0.08	-0.32	0.01	-0.26	0.15
		183	32.35	1.93	-29.16	-26.76	-0.47	-8.29	1.97	0.76	0.81	1.92	0.24
		146	34.16	1.96	-31.07	-28.66	-0.45	-8.59	1.78	0.61	0.62	1.77	0.11
219	1	146	18.72	0.58	-16.20	-15.28	-0.34	-3.83	0.01	-0.80	-0.24	-0.54	0.38
		183	17.86	0.63	-15.81	-14.83	-0.34	-3.88	-0.04	-0.87	-0.39	-0.52	0.41
		128	15.18	1.19	-11.01	-9.51	-0.32	-4.01	-0.79	-1.67	-0.82	-1.64	0.17
		182	14.50	1.03	-10.82	-9.37	-0.41	-3.88	-0.13	-0.96	-0.33	-0.75	0.36
219	2	146	85.62	5.14	-76.62	-67.03	-4.45	-26.31	5.11	1.62	1.63	5.10	0.21
		183	78.60	4.84	-71.49	-62.18	-4.47	-24.97	4.93	2.12	2.12	4.93	0.10
		128	93.64	8.77	-56.40	-42.23	-5.40	-26.88	12.65	4.15	4.25	12.56	0.90
		182	80.35	9.37	-56.59	-42.17	-5.06	-27.26	9.37	3.33	3.36	9.35	0.40
219	3	146	13.98	0.67	-13.16	-12.04	-0.45	-3.78	0.29	-0.02	0.05	0.23	0.13
		183	13.43	0.68	-12.60	-11.46	-0.46	-3.72	0.29	-0.03	0.04	0.22	0.13
		128	10.69	1.23	-9.34	-7.59	-0.52	-3.93	0.50	0.05	0.08	0.47	0.12
		182	10.97	1.19	-9.24	-7.52	-0.53	-3.87	0.54	0.11	0.16	0.49	0.14



219	4	146	34.42	2.04	-31.08	-27.37	-1.67	-10.44	1.90	0.60	0.61	1.90	0.08
		183	31.66	1.94	-29.11	-25.49	-1.68	-9.96	1.84	0.79	0.79	1.83	0.04
		128	36.10	3.49	-22.81	-17.29	-2.03	-10.71	4.71	1.55	1.58	4.67	0.34
		182	31.28	3.67	-22.81	-17.23	-1.91	-10.80	3.49	1.24	1.25	3.48	0.15
220	1	167	12.24	4.68	-3.29	2.35	-0.96	-3.62	0.77	-0.25	0.61	-0.09	-0.37
		185	13.93	5.27	-3.43	2.08	-0.25	-4.19	-0.35	-1.53	-0.50	-1.37	-0.39
		295	20.18	11.31	-1.86	9.89	-0.44	-4.08	0.87	-0.98	0.11	-0.22	-0.91
		175	14.96	10.90	-1.29	9.58	0.03	-3.79	0.43	-0.56	-0.08	-0.05	-0.50
220	2	167	119.61	26.47	-17.69	12.72	-3.94	-20.45	21.29	11.30	11.55	21.04	-1.54
		185	102.09	27.03	-29.20	3.89	-6.06	-27.68	14.25	-1.15	-1.03	14.13	-1.35
		295	55.70	46.93	-11.62	37.92	-2.61	-21.13	2.59	0.80	2.09	1.31	0.81
		175	77.97	46.99	-6.62	40.32	0.05	-17.69	-5.04	-10.69	-5.15	-10.59	0.77
220	3	167	11.61	4.15	-2.80	1.94	-0.59	-3.24	1.64	0.96	1.04	1.56	-0.22
		185	9.95	4.44	-3.85	1.11	-0.53	-4.06	0.71	-0.27	-0.22	0.66	-0.22
		295	11.55	8.41	-1.68	7.09	-0.37	-3.40	0.35	-0.08	0.21	0.06	-0.20
		175	10.30	8.44	-0.99	7.32	0.13	-3.05	-0.41	-0.83	-0.43	-0.81	-0.09
220	4	167	44.95	10.61	-7.07	5.01	-1.47	-8.22	7.91	4.19	4.28	7.82	-0.57
		185	38.51	10.89	-11.49	1.65	-2.25	-11.02	5.30	-0.42	-0.38	5.26	-0.50
		295	22.36	18.97	-4.58	15.40	-1.01	-8.45	1.00	0.31	0.80	0.51	0.31
		175	30.34	19.13	-2.57	16.43	0.13	-7.17	-1.89	-3.98	-1.93	-3.93	0.29
221	1	182	17.74	1.15	-10.70	-8.99	-0.56	-4.16	-0.54	-1.95	-0.84	-1.65	0.58
		128	14.80	1.24	-11.05	-9.29	-0.52	-4.30	0.01	-0.88	-0.37	-0.50	0.44
		296	27.89	5.10	-3.40	2.20	-0.50	-4.03	-3.16	-5.00	-3.18	-4.98	-0.20
		185	15.78	5.07	-3.63	2.06	-0.62	-4.14	0.78	-1.14	0.73	-1.08	-0.33
221	2	182	116.00	9.78	-58.85	-41.01	-8.06	-30.10	16.66	5.08	5.21	16.53	-1.19
		128	72.15	8.77	-54.07	-39.22	-6.08	-26.70	5.55	1.95	2.29	5.21	-1.06
		296	193.73	25.65	-37.63	1.92	-13.90	-30.63	33.61	18.76	18.76	33.61	-0.13
		185	110.01	27.31	-25.08	4.47	-2.23	-25.98	13.55	-3.59	-3.59	13.55	0.26
221	3	182	11.00	1.29	-9.36	-7.26	-0.81	-4.24	0.78	0.14	0.15	0.77	0.08
		128	10.15	1.26	-9.15	-7.24	-0.65	-4.03	0.26	0.05	0.06	0.25	0.05
		296	9.62	4.18	-4.53	0.91	-1.27	-4.21	1.09	0.48	0.49	1.08	-0.06
		185	8.26	4.30	-3.55	1.13	-0.38	-3.85	0.72	-0.06	-0.05	0.71	-0.08
221	4	182	44.55	3.87	-23.65	-16.75	-3.04	-11.93	6.20	1.89	1.94	6.15	-0.44
		128	28.64	3.51	-21.91	-16.11	-2.30	-10.67	2.07	0.72	0.85	1.94	-0.39
		296	72.52	10.27	-14.67	0.83	-5.24	-12.10	12.51	6.99	6.99	12.51	-0.04
		185	41.59	10.90	-9.92	1.84	-0.86	-10.33	5.05	-1.33	-1.33	5.05	0.10
222	1	185	18.62	5.23	-3.08	1.99	0.17	-4.05	0.84	-1.55	0.58	-1.29	-0.75
		296	26.10	4.94	-4.38	2.22	-1.65	-4.24	-2.36	-4.19	-2.75	-3.79	-0.75
		174	17.69	11.46	-1.76	9.53	0.18	-4.67	1.74	0.64	0.81	1.57	-0.41
		295	17.89	11.10	-1.63	9.90	-0.43	-3.72	0.44	-1.37	-0.54	-0.39	-0.90
222	2	185	121.55	24.21	-26.23	4.00	-6.01	-24.72	14.80	-2.04	-1.67	14.42	2.49
		296	152.21	32.39	-32.87	3.66	-4.14	-32.40	23.99	12.97	13.98	22.97	3.19
		174	76.25	40.22	-15.40	26.05	-1.23	-24.23	-4.20	-10.46	-4.21	-10.45	0.11
		295	62.39	48.27	-12.75	38.14	-2.62	-22.71	2.57	0.07	1.55	1.09	1.23
222	3	185	7.98	4.12	-3.42	1.10	-0.40	-3.69	0.72	0.05	0.05	0.72	-0.03
		296	9.07	4.66	-4.43	1.04	-0.82	-4.45	0.63	0.25	0.26	0.63	0.02
		174	10.31	7.83	-1.80	5.99	0.04	-3.79	-0.01	-0.36	-0.06	-0.31	-0.12
		295	10.42	8.45	-1.70	7.11	-0.36	-3.43	0.13	-0.20	-0.05	-0.02	-0.17
222	4	185	45.97	9.74	-10.28	1.69	-2.23	-9.82	5.51	-0.76	-0.62	5.37	0.93
		296	57.47	12.84	-12.92	1.47	-1.55	-12.79	8.94	4.83	5.21	8.56	1.19
		174	29.38	16.37	-5.87	10.88	-0.37	-9.59	-1.54	-3.88	-1.54	-3.87	0.04
		295	24.93	19.48	-5.01	15.48	-1.01	-9.06	0.96	0.03	0.57	0.42	0.46
223	1	183	17.19	0.60	-15.73	-14.80	-0.32	-3.77	-0.16	-0.81	-0.41	-0.56	0.31
		297	17.22	0.67	-15.32	-14.31	-0.34	-3.88	-0.18	-0.83	-0.37	-0.64	0.30
		45	16.11	1.17	-11.10	-9.62	-0.30	-3.99	-0.56	-1.60	-0.68	-1.48	0.34
		128	16.47	1.05	-10.93	-9.52	-0.37	-3.87	-0.57	-1.73	-0.65	-1.65	0.29
223	2	183	81.74	4.78	-71.38	-62.17	-4.43	-24.83	5.06	1.95	2.10	4.92	0.65
		297	75.69	4.82	-66.27	-57.42	-4.03	-23.47	5.49	1.69	1.73	5.45	0.39
		45	76.85	8.54	-54.16	-41.15	-4.46	-25.42	9.05	3.01	3.02	9.04	0.22
		128	92.02	7.94	-55.53	-42.17	-5.43	-25.88	12.62	4.12	4.12	12.62	0.01
223	3	183	13.42	0.65	-12.54	-11.45	-0.45	-3.63	0.29	-0.04	0.04	0.21	0.14
		297	12.63	0.69	-11.97	-10.85	-0.42	-3.58	0.28	-0.04	0.02	0.22	0.12
		45	10.46	1.20	-9.21	-7.56	-0.45	-3.80	0.30	-0.02	0.03	0.25	0.12
		128	10.36	1.07	-9.21	-7.59	-0.55	-3.74	0.49	0.10	0.12	0.47	0.09
223	4	183	32.77	1.90	-29.04	-25.48	-1.66	-9.87	1.89	0.73	0.78	1.83	0.24
		297	30.54	1.93	-27.07	-23.63	-1.52	-9.39	2.04	0.63	0.64	2.03	0.15
		45	30.24	3.39	-21.98	-16.91	-1.68	-10.15	3.37	1.12	1.12	3.37	0.08
		128	35.67	3.12	-22.43	-17.26	-2.05	-10.27	4.70	1.53	1.53	4.70	6.76e-03
224	1	298	20.54	0.28	-19.67	-19.41	0.02	-2.29	0.40	-0.14	-0.02	0.29	0.22
		156	19.88	0.43	-18.56	-18.19	0.06	-2.64	0.53	0.04	0.06	0.51	0.10
		108	15.80	0.69	-14.79	-14.20	0.10	-2.97	-0.38	-0.74	-0.46	-0.67	0.14
		297	17.26	0.56	-15.26	-14.75	0.05	-2.80	-0.12	-0.83	-0.31	-0.64	0.32
224	2	298	85.74	2.46	-79.60	-76.30	-0.83	-16.10	0.84	-0.38	0.48	-0.02	0.55
		156	76.73	2.78	-70.79	-67.24	-0.77	-15.76	0.77	-0.32	0.45	3.81e-03	0.50
		108	71.27	4.72	-60.82	-54.88	-1.22	-18.82	5.40	2.15	2.28	5.26	0.65
		297	74.63	4.79	-66.23	-60.30	-1.13	-19.64	5.15	1.59	1.70	5.04	0.62
224	3	298	15.31	0.32	-14.88	-14.53	-0.02	-2.26	0.17	-0.06	0.03	0.08	0.11



		156	14.05	0.44	-13.71	-13.28	0.01	-2.43	0.18	0.01	0.05	0.15	0.07
		108	11.81	0.68	-11.30	-10.61	-0.02	-2.80	0.25	-4.58e-03	0.04	0.20	0.09
		297	12.63	0.61	-11.92	-11.27	-0.04	-2.78	0.28	-0.05	0.04	0.19	0.14
224	4	298	34.93	0.97	-32.64	-31.39	-0.28	-6.35	0.31	-0.14	0.18	-8.82e-03	0.21
		156	31.45	1.14	-29.19	-27.81	-0.23	-6.32	0.29	-0.12	0.17	5.68e-04	0.19
		108	28.67	1.88	-24.95	-22.66	-0.41	-7.49	2.01	0.80	0.85	1.96	0.25
		297	30.12	1.88	-27.04	-24.77	-0.39	-7.77	1.92	0.59	0.63	1.87	0.23
225	1	297	17.10	0.62	-15.23	-14.28	-0.33	-3.76	-0.19	-0.81	-0.34	-0.65	0.27
		108	15.74	0.72	-14.79	-13.73	-0.34	-3.91	-0.32	-0.76	-0.49	-0.60	0.21
		130	16.26	1.21	-11.21	-9.71	-0.29	-4.04	-1.00	-2.13	-1.00	-2.13	-1.83e-03
		45	14.92	1.04	-11.05	-9.66	-0.34	-3.86	-0.54	-1.40	-0.68	-1.26	0.32
225	2	297	74.73	4.92	-66.26	-57.40	-3.95	-23.51	5.33	1.55	1.62	5.25	0.53
		108	69.37	4.69	-60.74	-52.05	-4.00	-22.21	5.22	2.22	2.23	5.22	0.14
		130	87.12	7.57	-52.08	-39.75	-4.76	-24.16	12.03	3.79	3.89	11.94	0.88
		45	75.41	7.91	-53.51	-41.10	-4.51	-24.67	8.95	3.06	3.09	8.92	0.43
225	3	297	12.60	0.66	-11.91	-10.84	-0.41	-3.51	0.27	-0.04	0.02	0.21	0.12
		108	11.75	0.69	-11.29	-10.17	-0.42	-3.48	0.24	-1.62e-03	0.02	0.22	0.08
		130	9.95	1.13	-9.08	-7.49	-0.47	-3.70	0.29	-0.02	5.69e-05	0.28	0.07
		45	10.29	1.06	-9.10	-7.57	-0.47	-3.63	0.36	-0.02	0.03	0.31	0.13
225	4	297	30.16	1.94	-27.04	-23.61	-1.48	-9.36	1.99	0.57	0.60	1.96	0.20
		108	27.97	1.88	-24.92	-21.52	-1.51	-8.91	1.94	0.83	0.83	1.94	0.06
		130	33.64	3.02	-21.20	-16.39	-1.79	-9.67	4.48	1.41	1.45	4.45	0.33
		45	29.44	3.10	-21.69	-16.88	-1.70	-9.80	3.33	1.14	1.15	3.32	0.16
226	1	296	19.41	4.41	-4.07	1.97	-1.63	-3.84	-1.65	-3.25	-1.65	-3.25	0.07
		291	17.73	5.09	-3.19	1.66	0.25	-4.08	-0.12	-2.75	-0.13	-2.74	0.10
		64	16.34	11.30	-1.85	9.75	-0.30	-4.24	0.18	-0.80	-0.12	-0.50	-0.45
		174	14.88	10.65	-1.13	9.45	0.06	-3.55	1.50	0.29	0.44	1.35	-0.40
226	2	296	127.07	20.63	-20.16	4.40	-3.94	-19.96	22.65	11.70	12.25	22.09	-2.41
		291	111.02	22.74	-31.16	-2.81	-5.61	-26.92	14.96	-1.64	-1.42	14.74	-1.89
		64	52.43	38.53	-13.85	26.91	-2.23	-21.76	2.51	1.55	2.46	1.59	0.21
		174	71.21	36.66	-10.18	27.11	-0.63	-18.87	-5.45	-10.81	-5.46	-10.80	0.20
226	3	296	8.11	3.52	-3.26	1.04	-0.79	-3.26	0.78	0.35	0.42	0.71	-0.16
		291	8.23	3.98	-3.98	0.35	-0.34	-3.97	0.33	-0.17	-0.14	0.31	-0.11
		64	10.21	7.60	-1.85	6.03	-0.29	-3.51	0.23	-0.05	0.17	-1.81e-04	-0.11
		174	8.68	7.37	-1.23	6.07	0.07	-3.08	-0.24	-0.48	-0.30	-0.42	-0.10
226	4	296	47.75	8.35	-8.06	1.76	-1.47	-8.04	8.42	4.34	4.54	8.22	-0.89
		291	42.03	9.22	-12.28	-0.98	-2.08	-10.73	5.57	-0.60	-0.52	5.49	-0.70
		64	21.02	15.69	-5.44	11.12	-0.86	-8.70	0.96	0.60	0.94	0.62	0.09
		174	27.59	15.11	-3.94	11.30	-0.13	-7.62	-2.05	-4.02	-2.05	-4.01	0.08
227	1	45	22.51	1.12	-10.83	-9.22	-0.49	-4.08	-1.01	-3.10	-1.25	-2.85	0.68
		130	14.08	1.29	-11.34	-9.55	-0.50	-4.40	0.03	-0.87	-0.54	-0.30	0.44
		83	41.42	4.95	-3.25	1.95	-0.25	-3.95	-4.72	-7.68	-4.74	-7.66	0.27
		291	22.11	4.96	-3.90	1.70	-0.64	-4.27	0.94	-2.53	0.94	-2.53	-0.09
227	2	45	114.71	8.31	-55.79	-40.15	-7.33	-27.53	16.63	4.76	4.88	16.51	-1.21
		130	67.12	7.61	-49.82	-36.95	-5.26	-23.94	4.83	1.45	1.98	4.30	-1.23
		83	196.32	21.74	-38.22	-3.13	-13.36	-29.54	34.50	18.95	18.97	34.49	-0.51
		291	107.78	23.28	-27.26	-2.11	-1.86	-25.27	14.07	-3.86	-3.86	14.07	-0.17
227	3	45	10.27	1.15	-9.20	-7.31	-0.74	-4.00	0.44	-0.03	-5.63e-04	0.41	0.11
		130	9.90	1.17	-8.93	-7.17	-0.58	-3.83	0.24	-0.02	-0.01	0.24	0.04
		83	8.31	3.77	-4.57	0.35	-1.15	-4.11	0.36	0.03	0.04	0.36	0.05
		291	7.20	3.87	-3.84	0.39	-0.36	-3.84	0.33	-0.02	-0.01	0.32	-0.04
227	4	45	44.07	3.30	-22.53	-16.47	-2.77	-10.95	6.19	1.77	1.82	6.14	-0.45
		130	26.76	3.05	-20.33	-15.29	-1.99	-9.62	1.80	0.54	0.74	1.60	-0.45
		83	73.47	8.75	-14.94	-1.16	-5.03	-11.69	12.85	7.06	7.07	12.84	-0.18
		291	40.55	9.33	-10.79	-0.74	-0.73	-10.06	5.24	-1.43	-1.43	5.24	-0.06
228	1	291	23.18	5.30	-3.15	1.60	0.55	-4.19	0.71	-2.78	0.59	-2.65	-0.65
		83	34.62	4.42	-4.93	1.73	-2.23	-4.24	-3.56	-5.90	-3.73	-5.73	-0.61
		173	18.05	11.04	-1.90	9.10	0.05	-4.62	2.51	1.19	1.20	2.51	-0.08
		64	14.57	10.92	-1.46	9.77	-0.31	-3.59	-0.14	-1.20	-0.68	-0.66	-0.53
228	2	291	118.05	19.99	-28.33	-2.69	-5.65	-24.12	15.21	-1.97	-1.70	14.95	2.12
		83	150.47	28.81	-33.67	-1.24	-3.62	-31.21	24.08	12.95	13.77	23.26	2.91
		173	75.20	33.48	-18.77	16.42	-1.71	-24.50	-4.26	-10.54	-4.26	-10.54	-0.16
		64	52.79	39.99	-15.15	27.04	-2.21	-23.37	2.08	0.82	1.58	1.32	0.61
228	3	291	6.91	3.75	-3.66	0.34	-0.26	-3.69	0.36	0.05	0.05	0.36	-0.03
		83	8.24	4.14	-4.67	0.42	-0.95	-4.36	0.09	-0.07	-0.05	0.08	0.05
		173	8.90	7.03	-2.11	4.97	-0.04	-3.82	0.07	-0.05	0.06	-0.04	-0.04
		64	9.22	7.58	-1.81	6.05	-0.29	-3.46	0.02	-0.19	-0.09	-0.08	-0.10
228	4	291	44.59	8.10	-11.12	-0.93	-2.09	-9.60	5.67	-0.73	-0.63	5.57	0.79
		83	56.81	11.44	-13.27	-0.46	-1.36	-12.35	8.98	4.83	5.14	8.67	1.09
		173	28.86	13.73	-7.16	7.14	-0.56	-9.71	-1.56	-3.91	-1.56	-3.91	-0.07
		64	21.22	16.25	-5.93	11.17	-0.85	-9.32	0.78	0.30	0.58	0.51	0.24
229	1	108	16.02	0.67	-14.71	-13.71	-0.33	-3.79	-0.43	-0.61	-0.45	-0.59	0.05
		87	14.97	0.77	-14.20	-13.05	-0.38	-3.97	-0.27	-0.56	-0.28	-0.56	-0.01
		91	13.39	1.20	-11.29	-9.74	-0.34	-4.11	-0.54	-1.14	-0.54	-1.13	-9.20e-03
		130	17.66	1.09	-11.13	-9.72	-0.32	-3.91	-0.92	-2.21	-0.97	-2.16	0.25
229	2	108	71.77	4.55	-60.53	-52.03	-3.95	-21.93	5.30	1.97	2.11	5.16	0.66
		87	64.29	4.75	-54.99	-46.72	-3.53	-20.64	4.94	1.74	1.74	4.94	0.12



		91	68.16	7.47	-48.55	-37.22	-3.86	-22.50	7.68	2.68	2.68	7.68	-4.77e-03
		130	87.79	6.71	-51.16	-39.66	-4.79	-23.10	12.08	3.82	3.83	12.08	-0.14
229	3	108	11.67	0.64	-11.22	-10.16	-0.41	-3.38	0.24	4.37e-03	0.03	0.22	0.07
		87	11.21	0.72	-10.58	-9.46	-0.40	-3.37	0.21	0.05	0.05	0.21	8.01e-03
		91	9.86	1.12	-8.83	-7.30	-0.41	-3.59	0.25	0.04	0.04	0.25	-4.80e-04
		130	9.76	0.97	-8.94	-7.48	-0.49	-3.52	0.29	-0.01	1.69e-03	0.28	0.06
229	4	108	28.80	1.80	-24.80	-21.51	-1.49	-8.76	1.97	0.73	0.78	1.92	0.25
		87	26.08	1.91	-22.67	-19.43	-1.33	-8.31	1.84	0.65	0.65	1.84	0.05
		91	27.01	2.98	-19.88	-15.44	-1.45	-9.04	2.86	1.00	1.00	2.86	8.33e-04
		130	34.09	2.64	-20.81	-16.35	-1.81	-9.20	4.50	1.42	1.42	4.50	-0.05
230	1	89	18.62	0.35	-17.19	-16.82	-9.80e-03	-2.50	0.40	0.01	0.02	0.39	-0.05
		312	17.90	0.56	-15.91	-15.38	0.03	-2.91	0.52	6.00e-03	0.06	0.46	-0.16
		288	15.47	0.82	-13.52	-12.77	0.07	-3.19	-0.16	-0.61	-0.30	-0.47	-0.21
		87	14.98	0.64	-14.13	-13.51	0.03	-2.95	-0.23	-0.49	-0.25	-0.47	-0.07
230	2	89	67.96	2.84	-62.09	-58.48	-0.77	-14.87	1.10	0.27	0.77	0.61	0.41
		312	59.86	3.27	-53.74	-49.75	-0.73	-14.55	0.79	0.06	0.67	0.18	0.28
		288	59.18	4.69	-49.16	-43.36	-1.10	-16.68	4.92	2.20	2.25	4.87	0.37
		87	62.33	4.69	-54.88	-49.24	-0.95	-17.44	4.59	1.55	1.64	4.51	0.51
230	3	89	12.65	0.37	-12.39	-11.99	-0.03	-2.22	0.16	0.06	0.06	0.16	0.02
		312	11.65	0.53	-11.21	-10.69	2.14e-03	-2.42	0.16	0.06	0.07	0.15	-0.02
		288	10.60	0.73	-9.82	-9.08	-0.01	-2.70	0.24	0.08	0.08	0.23	-0.03
		87	11.08	0.63	-10.52	-9.85	-0.04	-2.63	0.21	0.05	0.05	0.20	0.02
230	4	89	27.89	1.11	-25.70	-24.34	-0.26	-5.89	0.41	0.10	0.28	0.23	0.15
		312	24.76	1.33	-22.42	-20.87	-0.22	-5.87	0.30	0.02	0.25	0.07	0.11
		288	23.95	1.88	-20.38	-18.14	-0.36	-6.70	1.84	0.82	0.84	1.82	0.14
		87	25.31	1.83	-22.59	-20.44	-0.32	-6.93	1.71	0.58	0.61	1.68	0.19
231	1	87	15.25	0.69	-14.11	-13.04	-0.38	-3.83	-0.21	-0.49	-0.24	-0.45	-0.09
		288	15.11	0.83	-13.51	-12.27	-0.40	-4.03	-0.22	-0.58	-0.28	-0.52	-0.14
		132	15.20	1.22	-11.25	-9.65	-0.38	-4.17	-0.47	-1.62	-0.53	-1.56	-0.25
		91	13.66	1.09	-11.19	-9.74	-0.37	-3.97	-0.62	-1.20	-0.62	-1.20	-0.02
231	2	87	63.38	4.78	-54.90	-46.67	-3.44	-20.57	4.60	1.53	1.60	4.52	0.46
		288	57.79	4.66	-49.12	-40.90	-3.55	-19.35	4.98	2.19	2.19	4.98	-0.02
		132	76.09	6.59	-45.23	-34.51	-4.13	-20.99	10.61	3.43	3.50	10.53	0.71
		91	65.32	6.80	-47.82	-37.12	-3.90	-21.68	7.52	2.85	2.86	7.52	0.08
231	3	87	11.10	0.67	-10.50	-9.44	-0.39	-3.27	0.21	0.05	0.05	0.21	9.95e-03
		288	10.61	0.73	-9.81	-8.67	-0.41	-3.28	0.24	0.07	0.08	0.23	-0.04
		132	9.60	1.05	-8.54	-7.05	-0.45	-3.48	0.34	0.11	0.11	0.34	-0.02
		91	9.58	0.98	-8.69	-7.29	-0.43	-3.41	0.22	0.03	0.03	0.22	4.00e-03
231	4	87	25.58	1.88	-22.59	-19.41	-1.30	-8.23	1.71	0.57	0.60	1.69	0.17
		288	23.48	1.87	-20.37	-17.15	-1.34	-7.82	1.85	0.81	0.81	1.85	-4.52e-03
		132	29.51	2.64	-18.61	-14.41	-1.56	-8.46	3.95	1.28	1.31	3.93	0.27
		91	25.87	2.67	-19.55	-15.40	-1.48	-8.66	2.80	1.06	1.06	2.80	0.03
232	1	83	32.62	4.40	-4.79	1.79	-2.19	-4.14	-3.55	-5.98	-3.77	-5.75	0.71
		186	24.62	4.98	-3.28	1.17	0.53	-4.12	0.65	-3.20	0.52	-3.07	0.69
		187	15.85	10.90	-1.93	9.20	-0.23	-4.35	-0.05	-1.01	-0.38	-0.69	0.45
		173	17.51	10.20	-0.83	9.26	0.12	-3.09	2.37	0.83	0.83	2.37	-7.93e-03
232	2	83	131.03	16.97	-21.19	-0.71	-3.50	-19.03	23.43	11.99	12.74	22.68	-2.83
		186	116.25	19.53	-31.31	-6.56	-5.23	-25.41	15.40	-1.98	-1.69	15.11	-2.23
		187	47.91	31.77	-15.42	18.36	-2.01	-21.29	2.57	1.86	2.57	1.86	-0.03
		173	68.88	29.22	-12.98	17.36	-1.13	-18.97	-5.52	-10.90	-5.52	-10.90	-0.05
232	3	83	6.09	3.15	-3.58	0.49	-0.93	-3.29	9.35e-03	-0.17	-0.17	9.35e-03	-5.82e-04
		186	7.26	3.66	-4.06	-0.17	-0.23	-3.86	0.25	0.03	0.03	0.24	0.04
		187	8.80	6.83	-2.00	5.08	-0.24	-3.52	0.20	-0.13	0.11	-0.04	0.14
		173	7.81	6.48	-1.33	5.11	0.04	-2.96	-0.12	-0.19	-0.19	-0.12	-4.91e-03
232	4	83	49.21	6.93	-8.50	-0.25	-1.31	-7.70	8.71	4.45	4.72	8.43	-1.05
		186	44.00	7.98	-12.37	-2.46	-1.94	-10.17	5.74	-0.73	-0.62	5.63	-0.83
		187	19.23	13.07	-6.04	7.79	-0.77	-8.54	0.98	0.72	0.98	0.72	1.64e-03
		173	26.31	12.20	-5.02	7.51	-0.33	-7.67	-2.07	-4.05	-2.07	-4.05	-0.02
233	1	91	21.07	1.13	-11.01	-9.29	-0.59	-4.23	-0.85	-2.82	-0.90	-2.77	0.30
		132	13.06	1.33	-11.35	-9.45	-0.58	-4.53	0.06	-0.40	-0.36	0.02	0.13
		189	37.29	4.82	-3.77	1.45	-0.41	-4.19	-3.72	-6.82	-3.83	-6.71	0.59
		186	22.85	4.88	-4.19	1.29	-0.59	-4.43	0.70	-3.09	0.69	-3.08	0.23
233	2	91	109.08	7.24	-50.23	-36.45	-6.54	-24.54	15.93	4.57	4.79	15.70	-1.58
		132	59.50	6.63	-42.94	-31.90	-4.40	-20.62	3.53	0.26	1.53	2.26	-1.59
		189	204.26	18.62	-37.31	-5.72	-12.98	-27.73	36.47	20.22	20.28	36.41	-0.99
		186	114.50	20.26	-27.49	-5.82	-1.41	-23.77	14.36	-4.44	-4.43	14.35	-0.50
233	3	91	10.05	1.06	-8.82	-7.05	-0.71	-3.79	0.38	0.10	0.10	0.37	-0.03
		132	9.90	1.10	-8.37	-6.73	-0.54	-3.59	0.21	-0.02	7.48e-03	0.18	-0.08
		189	9.63	3.47	-4.69	-0.06	-1.17	-4.04	0.82	0.38	0.41	0.79	0.11
		186	7.13	3.57	-3.98	-0.10	-0.32	-3.77	0.19	-0.13	-0.13	0.18	0.03
233	4	91	41.94	2.88	-20.44	-15.10	-2.47	-9.80	5.93	1.70	1.78	5.85	-0.59
		132	23.87	2.67	-17.73	-13.38	-1.68	-8.35	1.31	0.10	0.57	0.84	-0.59
		189	76.41	7.56	-14.64	-2.18	-4.89	-11.02	13.59	7.54	7.56	13.57	-0.36
		186	43.10	8.16	-10.92	-2.20	-0.56	-9.50	5.35	-1.65	-1.64	5.35	-0.18
234	1	186	21.24	5.19	-3.50	1.23	0.46	-4.33	0.25	-3.02	0.24	-3.01	-0.18
		189	28.22	4.28	-5.33	1.08	-2.14	-4.52	-2.60	-4.76	-2.61	-4.75	-0.17
		172	17.80	9.92	-1.99	8.07	-0.14	-4.31	2.24	0.94	1.04	2.14	0.34



		187	14.65	10.45	-1.47	9.24	-0.27	-3.60	-0.32	-1.00	-0.56	-0.77	0.33
234	2	186	116.65	16.75	-28.69	-6.43	-5.51	-22.71	15.44	-2.32	-2.10	15.21	2.00
		189	153.90	26.08	-32.45	-3.65	-2.73	-29.26	25.44	14.02	14.73	24.73	2.75
		172	76.06	27.61	-20.75	8.97	-2.10	-23.54	-4.57	-11.21	-4.59	-11.19	-0.30
		187	47.62	33.37	-16.86	18.47	-1.96	-22.95	2.18	1.27	1.79	1.65	0.45
234	3	186	7.66	3.42	-3.83	-0.14	-0.27	-3.63	0.30	-0.11	-0.08	0.27	0.10
		189	9.75	3.88	-4.75	-0.02	-0.86	-4.29	0.60	0.24	0.36	0.48	0.17
		172	8.02	6.12	-2.29	3.97	-0.14	-3.67	0.01	-0.23	-0.01	-0.20	0.08
		187	9.06	6.79	-1.94	5.10	-0.25	-3.45	0.08	-0.20	-0.04	-0.09	0.14
234	4	186	44.04	6.85	-11.30	-2.41	-2.04	-9.07	5.76	-0.86	-0.77	5.67	0.75
		189	58.07	10.40	-12.85	-1.42	-1.03	-11.62	9.48	5.23	5.49	9.22	1.03
		172	29.05	11.44	-7.93	4.23	-0.72	-9.37	-1.68	-4.15	-1.68	-4.15	-0.12
		187	19.18	13.68	-6.59	7.84	-0.75	-9.18	0.82	0.47	0.66	0.63	0.18
235	1	307	35.33	1.40	-15.51	-11.94	-2.17	-6.90	0.42	-4.00	-0.43	-3.15	-1.73
		103	22.11	1.43	-12.32	-9.86	-1.03	-5.27	0.44	-1.88	-0.17	-1.27	-1.02
		104	32.29	2.42	-12.34	-9.18	-0.74	-6.06	2.04	-2.31	0.60	-0.87	-2.05
		330	39.14	0.45	-16.50	-12.90	-3.15	-6.93	-1.63	-5.92	-1.82	-5.73	-0.88
235	2	307	81.21	8.64	-75.94	-56.94	-10.36	-35.30	1.10	0.41	0.42	1.09	-0.07
		103	68.59	9.29	-62.88	-45.68	-7.92	-30.75	-0.09	-0.41	-0.10	-0.40	0.05
		104	70.65	12.16	-62.54	-42.22	-8.16	-33.25	0.04	-0.30	9.62e-03	-0.27	0.10
		330	83.43	9.16	-74.87	-53.88	-11.83	-36.38	2.56	0.78	0.85	2.49	-0.33
235	3	307	18.53	1.16	-13.83	-11.02	-1.65	-5.85	0.17	-1.12	-0.09	-0.85	-0.52
		103	14.71	1.31	-11.84	-9.39	-1.14	-5.11	0.11	-0.58	-0.06	-0.41	-0.30
		104	17.22	1.89	-11.59	-8.64	-1.05	-5.57	0.59	-0.69	0.18	-0.28	-0.60
		330	18.30	0.96	-13.79	-10.77	-2.06	-5.95	-0.40	-1.58	-0.47	-1.50	-0.29
235	4	307	33.73	3.29	-31.71	-24.36	-4.07	-14.26	0.41	0.15	0.16	0.41	-0.03
		103	28.98	3.61	-26.80	-20.00	-3.18	-12.67	-0.04	-0.16	-0.04	-0.15	0.02
		104	29.55	4.75	-26.44	-18.43	-3.25	-13.62	0.01	-0.11	4.23e-03	-0.10	0.04
		330	34.31	3.52	-31.06	-22.91	-4.63	-14.68	0.96	0.29	0.32	0.93	-0.13
236	1	330	40.99	4.64	-16.59	-11.19	-0.76	-9.24	3.03	-2.09	1.38	-0.45	-2.39
		104	45.68	-1.41	-12.77	-11.38	-2.80	-3.72	-0.67	-6.80	-2.13	-5.34	-2.61
		107	53.76	8.93	-14.93	-9.55	3.55	-9.97	3.99	-2.99	3.87	-2.87	0.89
		343	120.92	-7.73	-18.99	-13.27	-13.46	-5.63	-12.11	-21.11	-12.68	-20.53	2.21
236	2	330	90.45	17.90	-76.16	-50.58	-7.69	-41.85	0.08	-0.90	-0.09	-0.73	0.37
		104	71.38	5.06	-62.84	-46.51	-11.27	-29.02	2.94	0.78	0.90	2.82	0.49
		107	95.87	34.70	-57.17	-24.44	1.96	-44.00	3.68	-1.76	-1.72	3.64	-0.48
		343	103.08	2.03	-61.89	-27.11	-32.75	-31.83	11.58	6.81	6.86	11.54	-0.47
236	3	330	20.49	2.90	-13.89	-10.01	-0.98	-7.08	0.85	-0.64	0.40	-0.19	-0.68
		104	19.46	0.19	-11.70	-9.64	-1.87	-4.50	-0.12	-1.80	-0.56	-1.36	-0.74
		107	21.01	6.16	-10.37	-5.28	1.08	-7.63	1.04	-0.59	1.01	-0.56	0.23
		343	33.52	-1.32	-11.93	-6.64	-6.61	-5.30	-3.04	-5.36	-3.22	-5.18	0.62
236	4	330	36.87	6.81	-31.52	-21.68	-3.03	-16.74	0.03	-0.34	-0.03	-0.27	0.14
		104	29.65	2.11	-26.54	-20.05	-4.38	-12.00	1.10	0.29	0.34	1.06	0.18
		107	37.95	13.90	-22.99	-9.70	0.61	-17.71	1.39	-0.66	-0.64	1.37	-0.18
		343	39.77	1.56	-24.63	-10.74	-12.33	-13.07	4.34	2.55	2.57	4.32	-0.17
237	1	122	15.86	4.38	-7.13	-1.95	-0.81	-5.73	0.79	-0.36	0.04	0.39	0.55
		134	18.02	5.88	-5.98	0.30	-0.41	-5.92	0.21	-1.24	-0.63	-0.40	0.71
		94	13.21	3.64	-8.04	-1.43	-2.97	-5.79	0.54	0.06	0.26	0.34	0.23
		133	14.04	6.92	-5.34	0.76	0.82	-6.13	1.42	0.20	0.20	1.42	-0.05
237	2	122	39.35	15.60	-27.80	-8.38	-3.81	-21.58	1.07	0.05	0.05	1.06	-0.08
		134	33.89	20.89	-17.58	2.91	0.39	-19.19	-0.49	-0.90	-0.90	-0.49	-0.01
		94	41.28	12.31	-33.31	-7.95	-13.05	-22.67	0.21	0.08	0.13	0.16	-0.06
		133	51.47	24.46	-24.32	-2.38	2.53	-24.27	0.94	-0.86	-0.20	0.28	-0.87
237	3	122	10.62	3.99	-6.23	-1.55	-0.68	-5.09	0.29	-0.07	0.02	0.20	0.16
		134	10.70	4.97	-4.67	0.41	-0.12	-4.81	7.91e-03	-0.43	-0.26	-0.16	0.21
		94	9.80	2.83	-7.22	-1.57	-2.82	-4.99	0.17	0.04	0.09	0.12	0.07
		133	10.43	5.81	-4.61	0.37	0.83	-5.21	0.47	0.03	0.05	0.45	-0.09
237	4	122	17.66	7.32	-12.35	-3.46	-1.58	-9.79	0.41	0.02	0.02	0.40	-0.03
		134	15.40	9.42	-8.11	1.18	0.12	-8.75	-0.19	-0.34	-0.34	-0.19	-1.65e-03
		94	18.16	5.40	-14.70	-3.50	-5.80	-9.99	0.08	0.03	0.05	0.07	-0.02
		133	21.89	11.01	-10.23	-0.56	1.34	-10.58	0.36	-0.32	-0.07	0.11	-0.33
238	1	315	22.38	2.27	-10.28	-8.40	0.39	-4.47	0.41	-2.79	0.21	-2.59	-0.77
		153	12.85	0.65	-8.42	-6.86	-0.90	-3.42	-0.88	-1.70	-0.88	-1.70	0.05
		151	17.33	5.91	-9.14	-5.22	1.99	-6.60	1.00	-0.06	0.23	0.72	0.47
		147	25.40	0.09	-11.14	-7.36	-3.69	-5.31	0.96	-2.04	-0.05	-1.04	1.41
238	2	315	64.12	16.03	-48.49	-33.20	0.73	-27.44	-0.54	-2.17	-0.67	-2.04	0.44
		153	44.13	3.69	-35.17	-25.53	-5.95	-16.78	1.63	-0.15	0.31	1.17	0.78
		151	73.18	27.61	-40.76	-21.67	8.52	-30.67	2.58	-1.91	-1.91	2.58	-0.05
		147	84.88	-1.36	-48.75	-24.46	-25.64	-23.68	9.93	6.16	6.19	9.90	-0.33
238	3	315	12.95	2.08	-9.63	-7.69	0.14	-4.35	0.05	-0.97	9.61e-03	-0.93	-0.20
		153	8.72	0.83	-7.73	-6.11	-0.78	-3.35	-0.21	-0.44	-0.24	-0.41	0.08
		151	11.70	5.02	-7.56	-3.86	1.33	-5.73	0.46	-0.12	-0.09	0.43	0.14
		147	14.04	0.84	-8.65	-4.78	-3.03	-4.66	0.88	0.09	0.48	0.49	0.39
238	4	315	26.73	6.12	-20.92	-15.03	0.24	-11.16	-0.20	-0.82	-0.25	-0.77	0.16
		153	19.04	1.72	-15.64	-11.64	-2.28	-7.31	0.61	-0.06	0.12	0.44	0.29
		151	29.64	11.46	-16.93	-8.73	3.26	-12.86	0.98	-0.72	-0.72	0.98	-0.02
		147	33.02	0.42	-19.80	-9.85	-9.53	-10.11	3.74	2.32	2.33	3.73	-0.12



239	1	200	22.23	4.40	-3.09	4.38	-3.07	-0.40	0.69	-1.05	0.68	-1.03	-0.17
		1727	21.71	6.16	-5.09	0.27	0.80	5.62	0.35	-1.02	-0.81	0.15	-0.49
		1688	49.21	4.31	-33.18	-33.10	4.22	-1.75	0.83	-0.69	0.34	-0.20	-0.71
		274	65.80	-7.47	-43.23	-42.61	-8.09	4.67	0.71	-1.40	-1.39	0.70	0.14
239	2	200	87.94	48.37	-2.13	47.75	-1.51	5.56	0.69	-3.20	0.65	-3.17	0.37
		1727	122.50	43.33	-48.02	-0.25	-4.44	45.63	-0.62	-3.35	-2.21	-1.76	1.34
		1688	256.05	23.93	-182.25	-182.13	23.81	-4.99	0.52	-3.05	-1.71	-0.81	1.73
		274	369.27	-42.74	-281.29	-277.08	-46.94	31.40	5.87	4.10	5.79	4.17	-0.37
239	3	200	13.28	4.63	-1.22	4.61	-1.21	0.29	0.26	-0.60	0.26	-0.59	-0.02
		1727	12.13	5.02	-5.18	-0.16	-3.02e-03	5.10	-0.11	-0.45	-0.44	-0.11	-0.03
		1688	31.62	3.08	-23.40	-23.36	3.05	-0.92	-0.01	-0.17	-0.05	-0.13	-0.07
		274	40.80	-5.40	-33.81	-33.30	-5.91	3.78	0.58	0.08	0.08	0.58	9.88e-03
239	4	200	33.00	17.69	-0.97	17.46	-0.74	2.06	0.27	-1.24	0.26	-1.23	0.14
		1727	45.73	16.03	-17.90	-0.31	-1.55	16.95	-0.25	-1.28	-0.86	-0.68	0.51
		1688	95.09	8.90	-67.57	-67.52	8.85	-1.88	0.19	-1.16	-0.66	-0.32	0.65
		274	137.37	-15.85	-104.34	-102.77	-17.43	11.70	2.24	1.58	2.21	1.61	-0.14
240	1	316	30.48	3.46	-6.58	-3.21	0.08	-4.74	-0.36	-4.34	-0.63	-4.07	0.99
		340	24.63	2.21	-7.08	-4.27	-0.60	-4.27	0.70	-2.46	-0.37	-1.39	1.50
		122	16.95	4.73	-6.07	-2.12	0.78	-5.20	0.08	-1.89	-1.68	-0.12	0.61
		310	37.42	1.74	-7.42	-3.74	-1.93	-4.49	6.16	3.50	3.95	5.70	1.01
240	2	316	45.12	17.20	-25.88	-8.78	0.11	-21.08	-0.97	-2.58	-1.23	-2.32	0.59
		340	32.37	4.17	-22.34	-14.38	-3.79	-12.15	0.71	-1.08	-0.27	-0.10	0.89
		122	41.33	19.30	-22.35	-8.68	5.63	-19.56	0.43	-2.24	-2.22	0.41	0.24
		310	57.96	-2.15	-32.07	-15.96	-18.26	-14.92	7.01	4.48	4.53	6.96	-0.36
240	3	316	14.19	2.90	-5.99	-3.08	-7.55e-03	-4.17	-0.19	-1.51	-0.29	-1.41	0.34
		340	11.92	1.76	-5.52	-3.25	-0.51	-3.37	0.26	-0.82	-0.14	-0.43	0.52
		122	10.42	4.37	-5.29	-1.67	0.75	-4.68	0.05	-0.74	-0.69	-3.75e-03	0.20
		310	17.14	1.46	-6.34	-2.89	-2.00	-3.87	2.37	1.47	1.56	2.28	0.27
240	4	316	19.10	6.95	-11.68	-4.73	1.06e-03	-9.01	-0.37	-0.99	-0.47	-0.89	0.23
		340	14.37	2.34	-10.04	-6.25	-1.45	-5.71	0.27	-0.42	-0.11	-0.05	0.34
		122	17.96	8.68	-10.11	-3.62	2.19	-8.93	0.16	-0.85	-0.84	0.15	0.09
		310	23.05	0.29	-13.64	-6.51	-6.83	-6.96	2.67	1.71	1.73	2.65	-0.14
241	1	154	48.49	3.62	-27.58	-20.19	-3.77	-13.26	-0.64	-4.20	-1.72	-3.11	-1.64
		148	41.72	2.48	-21.02	-16.56	-1.97	-9.21	0.80	-3.79	-0.49	-2.49	-2.07
		155	51.22	3.71	-21.42	-15.61	-2.10	-10.59	1.23	-4.54	-0.96	-2.35	-2.80
		329	70.61	2.21	-29.77	-21.31	-6.25	-14.10	-4.64	-11.47	-4.64	-11.47	-0.06
241	2	154	109.79	9.10	-104.52	-87.77	-7.65	-40.28	1.35	0.57	0.57	1.35	0.04
		148	97.81	9.93	-91.29	-74.70	-6.66	-37.48	0.99	0.35	0.37	0.97	-0.12
		155	96.72	13.84	-88.30	-67.51	-6.95	-41.13	1.36	0.54	0.54	1.36	-0.05
		329	108.60	11.13	-98.01	-77.58	-9.31	-42.58	3.38	1.08	1.12	3.34	-0.29
241	3	154	25.24	1.71	-19.86	-16.37	-1.77	-7.94	-0.13	-1.16	-0.47	-0.82	-0.48
		148	22.16	1.61	-16.88	-14.10	-1.17	-6.60	0.29	-1.07	-0.12	-0.66	-0.62
		155	24.82	2.33	-16.38	-12.83	-1.22	-7.33	0.44	-1.27	-0.24	-0.59	-0.84
		329	26.88	1.53	-19.52	-15.35	-2.63	-8.39	-1.29	-3.14	-1.29	-3.14	-0.04
241	4	154	44.73	3.46	-42.77	-36.40	-2.92	-15.94	0.50	0.21	0.21	0.50	0.01
		148	40.21	3.82	-37.71	-31.33	-2.56	-14.98	0.37	0.13	0.14	0.36	-0.05
		155	39.45	5.34	-36.21	-28.21	-2.66	-16.38	0.51	0.20	0.20	0.51	-0.02
		329	43.83	4.26	-39.83	-32.02	-3.54	-16.83	1.26	0.40	0.42	1.25	-0.11
242	1	152	34.87	2.25	-19.54	-16.99	-0.30	-7.01	1.83	-1.44	-0.19	0.58	-1.59
		322	24.70	1.99	-15.51	-13.34	-0.17	-5.76	-0.06	-2.11	-0.66	-1.52	-0.93
		307	41.86	2.22	-16.56	-14.08	-0.26	-6.36	0.88	-4.74	-0.73	-3.12	-2.54
		148	49.35	2.11	-20.37	-17.34	-0.92	-7.67	1.53	-4.63	-1.06	-2.04	-3.04
242	2	152	99.36	7.30	-94.69	-85.80	-1.59	-28.77	0.12	-0.03	0.10	-0.01	0.04
		322	83.44	8.55	-78.19	-68.02	-1.62	-27.91	0.12	9.18e-03	0.11	0.01	0.02
		307	83.52	10.35	-77.55	-65.22	-1.98	-30.53	1.01	0.35	0.37	1.00	0.10
		148	96.39	9.66	-90.67	-79.06	-1.95	-32.09	0.78	0.38	0.39	0.77	0.06
242	3	152	21.10	1.23	-17.04	-15.62	-0.19	-4.89	0.54	-0.42	-0.05	0.17	-0.47
		322	16.73	1.34	-14.31	-12.81	-0.17	-4.61	-0.01	-0.62	-0.19	-0.45	-0.28
		307	20.35	1.60	-14.31	-12.52	-0.18	-5.03	0.30	-1.34	-0.19	-0.85	-0.75
		148	23.99	1.41	-16.60	-14.78	-0.41	-5.42	0.49	-1.32	-0.28	-0.54	-0.90
242	4	152	41.06	2.75	-39.33	-36.01	-0.57	-11.34	0.04	-0.01	0.04	-5.56e-03	0.01
		322	34.87	3.27	-32.88	-29.01	-0.60	-11.17	0.04	3.16e-03	0.04	4.02e-03	5.81e-03
		307	34.60	4.00	-32.36	-27.67	-0.70	-12.19	0.38	0.13	0.14	0.37	0.03
		148	39.55	3.65	-37.43	-33.07	-0.71	-12.66	0.29	0.14	0.14	0.29	0.02
243	1	148	47.53	2.42	-20.15	-15.92	-1.81	-8.81	1.49	-4.20	-0.71	-2.00	-2.77
		307	37.49	1.91	-16.74	-13.44	-1.40	-7.12	0.30	-4.57	-0.48	-3.79	-1.78
		330	42.31	3.00	-17.46	-13.25	-1.21	-8.27	0.64	-5.43	0.04	-4.82	-1.82
		155	55.00	1.21	-21.29	-17.09	-2.99	-8.77	-0.46	-7.01	-2.00	-5.48	-2.77
243	2	148	96.94	9.96	-90.57	-74.28	-6.32	-37.04	0.68	0.37	0.38	0.67	0.07
		307	83.51	9.99	-77.71	-60.95	-6.76	-34.48	1.14	0.35	0.36	1.14	0.04
		330	85.47	12.13	-77.41	-57.85	-7.43	-37.00	2.15	0.55	0.58	2.13	0.20
		155	93.73	11.86	-86.34	-67.25	-7.23	-38.86	1.51	0.71	0.73	1.48	-0.14
243	3	148	23.65	1.54	-16.51	-13.88	-1.10	-6.37	0.48	-1.20	-0.18	-0.54	-0.82
		307	18.94	1.48	-14.38	-11.88	-1.02	-5.78	0.12	-1.27	-0.11	-1.04	-0.53
		330	19.24	2.02	-14.32	-11.29	-1.00	-6.35	0.24	-1.45	0.06	-1.26	-0.53
		155	24.67	1.39	-16.17	-13.25	-1.52	-6.53	-0.06	-1.99	-0.53	-1.51	-0.84
243	4	148	39.76	3.78	-37.38	-31.17	-2.44	-14.74	0.25	0.14	0.14	0.25	0.02



		307	34.68	3.86	-32.42	-25.96	-2.61	-13.88	0.43	0.13	0.13	0.43	0.01
		330	35.06	4.71	-32.06	-24.51	-2.85	-14.86	0.81	0.21	0.22	0.80	0.07
		155	38.24	4.54	-35.43	-28.11	-2.78	-15.45	0.56	0.26	0.27	0.55	-0.05
244	1	337	182.82	13.63	-10.87	-9.79	12.55	-5.04	-18.84	-33.28	-22.87	-29.25	6.48
		311	132.39	0.79	-34.85	-20.07	-13.99	-17.56	6.01	-15.21	4.64	-13.84	5.21
		150	86.34	13.56	-16.02	-6.82	4.35	-13.69	1.75	-9.77	-4.65	-3.37	5.72
		98	88.46	0.76	-38.46	-28.04	-9.65	-17.32	12.99	6.27	6.43	12.82	1.03
244	2	337	89.35	31.11	-46.80	-20.26	4.57	-36.92	7.53	3.89	4.54	6.88	-1.39
		311	112.30	28.96	-77.19	-33.82	-14.41	-52.18	5.02	-0.85	-0.62	4.78	-1.14
		150	83.00	48.72	-40.97	6.11	1.65	-44.79	1.41	0.49	0.97	0.92	-0.46
		98	78.88	35.38	-50.97	-7.87	-7.72	-43.17	-1.64	-3.26	-1.64	-3.26	-0.04
244	3	337	54.19	6.50	-7.65	-5.13	3.98	-5.41	-5.28	-9.29	-6.43	-8.14	1.81
		311	44.51	3.35	-17.83	-9.22	-5.26	-10.40	1.72	-4.12	1.33	-3.73	1.46
		150	33.00	9.03	-8.39	-0.75	1.39	-8.64	0.56	-2.79	-1.30	-0.93	1.66
		98	29.64	4.09	-15.44	-8.01	-3.35	-9.48	3.60	1.73	1.78	3.55	0.30
244	4	337	35.08	12.34	-18.96	-8.23	1.61	-14.86	2.81	1.45	1.69	2.57	-0.52
		311	44.06	11.70	-30.37	-13.29	-5.38	-20.66	1.88	-0.32	-0.23	1.79	-0.43
		150	33.00	19.73	-16.06	3.08	0.59	-17.86	0.52	0.18	0.36	0.34	-0.17
		98	31.09	14.74	-19.55	-2.04	-2.77	-17.14	-0.61	-1.22	-0.61	-1.22	-0.01
245	1	318	122.77	1.87	-118.11	-114.96	-1.29	-19.19	0.31	-0.79	0.13	-0.60	0.41
		121	113.55	3.03	-107.58	-103.63	-0.91	-20.52	0.28	-1.30	-0.12	-0.90	0.69
		120	97.27	8.49	-85.02	-76.21	-0.32	-27.32	0.13	-1.91	-0.03	-1.76	0.54
		119	98.41	7.68	-89.11	-81.67	0.25	-25.78	0.32	-1.03	0.30	-1.01	0.16
245	2	318	267.62	2.89	-265.03	-259.48	-2.67	-38.18	0.24	-0.62	-0.13	-0.26	-0.42
		121	247.07	4.26	-244.32	-238.33	-1.73	-38.12	0.20	-0.56	-0.07	-0.29	-0.36
		120	198.74	10.19	-191.49	-178.23	-3.07	-49.98	1.11	0.27	0.39	0.99	-0.30
		119	209.06	10.99	-201.04	-188.20	-1.85	-50.56	1.00	0.04	0.30	0.75	-0.42
245	3	318	63.06	0.79	-61.69	-60.34	-0.56	-9.07	0.06	-0.23	0.03	-0.20	0.09
		121	58.57	1.27	-56.77	-55.15	-0.34	-9.55	0.05	-0.38	-0.04	-0.29	0.18
		120	48.19	3.30	-44.45	-40.87	-0.27	-12.56	0.06	-0.48	0.02	-0.44	0.14
		119	49.49	3.15	-46.49	-43.33	-4.68e-03	-12.11	0.11	-0.24	0.11	-0.24	0.02
245	4	318	106.19	1.10	-105.23	-103.16	-0.97	-14.69	0.09	-0.23	-0.05	-0.10	-0.16
		121	98.37	1.67	-97.31	-95.06	-0.58	-14.76	0.07	-0.21	-0.03	-0.11	-0.13
		120	78.79	3.87	-76.06	-71.10	-1.09	-19.28	0.41	0.10	0.14	0.37	-0.11
		119	82.69	4.16	-79.68	-74.90	-0.62	-19.45	0.37	0.02	0.11	0.28	-0.16
246	1	324	74.73	16.71	-64.11	-42.15	-5.25	-35.95	0.04	-1.72	2.40e-03	-1.68	-0.26
		123	84.11	15.77	-64.81	-43.13	-5.91	-35.73	0.62	-2.83	0.59	-2.80	0.33
		308	74.66	33.61	-35.43	-0.59	-1.24	-34.52	0.48	-2.79	-0.18	-2.13	-1.32
		126	65.71	28.99	-31.08	4.30	-6.39	-29.55	2.43	-0.58	1.97	-0.13	-1.08
246	2	324	162.79	27.79	-144.29	-101.22	-15.28	-74.54	1.01	0.82	0.91	0.93	0.09
		123	154.04	16.23	-142.44	-107.83	-18.38	-65.53	3.42	0.81	0.81	3.42	-8.70e-03
		308	120.19	59.64	-74.51	-13.16	-1.71	-66.83	2.88	-0.23	-0.20	2.85	0.32
		126	111.38	34.47	-71.10	-3.27	-33.37	-50.59	5.28	2.05	2.24	5.10	0.75
246	3	324	37.56	7.22	-33.06	-23.05	-2.79	-17.41	0.08	-0.44	0.07	-0.43	-0.07
		123	39.25	6.07	-33.18	-23.90	-3.21	-16.68	0.25	-0.58	0.24	-0.57	0.10
		308	32.21	15.29	-17.39	-1.57	-0.54	-16.33	0.16	-0.65	-0.07	-0.42	-0.37
		126	27.10	11.94	-15.70	0.75	-4.50	-13.57	0.88	0.22	0.75	0.35	-0.26
246	4	324	63.80	10.53	-56.84	-40.55	-5.76	-28.84	0.37	0.31	0.34	0.34	0.03
		123	60.73	6.28	-56.25	-43.07	-6.90	-25.51	1.27	0.30	0.30	1.27	-3.86e-03
		308	46.51	23.02	-28.99	-5.29	-0.68	-25.91	1.07	-0.08	-0.07	1.06	0.12
		126	42.90	13.56	-27.55	-1.50	-12.50	-19.80	1.96	0.76	0.83	1.90	0.28
247	1	313	151.95	-9.73	-151.02	-141.29	-19.46	-35.77	0.97	-0.18	0.65	0.14	0.52
		333	136.74	9.70	-127.08	-125.60	8.22	-14.17	0.83	0.08	0.78	0.13	0.18
		332	107.59	6.51	-100.05	-92.73	-0.81	-26.95	0.49	-0.49	0.49	-0.49	0.04
		131	90.40	-9.25	-92.35	-84.39	-17.21	-24.46	0.29	-0.44	0.04	-0.19	0.34
247	2	313	327.68	-21.86	-334.56	-313.33	-43.09	-78.65	0.48	-0.60	-0.19	0.08	-0.52
		333	295.59	20.77	-283.25	-280.49	18.01	-28.84	0.38	-0.64	-0.14	-0.12	-0.51
		332	234.99	11.26	-225.89	-211.78	-2.84	-56.09	0.77	-0.32	0.03	0.43	-0.51
		131	201.36	-23.84	-208.89	-192.63	-40.11	-52.40	0.56	-0.54	-0.09	0.12	-0.54
247	3	313	76.65	-5.24	-77.76	-72.88	-10.12	-18.17	0.25	-0.02	0.18	0.05	0.11
		333	69.82	5.05	-65.92	-65.27	4.40	-6.76	0.22	0.03	0.22	0.03	0.01
		332	54.55	2.81	-52.10	-48.80	-0.50	-13.05	0.15	-0.11	0.15	-0.11	-0.03
		131	45.97	-5.42	-48.04	-44.29	-9.17	-12.07	0.04	-0.09	5.39e-03	-0.05	0.06
247	4	313	129.25	-8.83	-132.14	-123.85	-17.12	-30.87	0.18	-0.22	-0.07	0.03	-0.19
		333	117.09	8.33	-112.19	-111.16	7.30	-11.10	0.14	-0.24	-0.05	-0.04	-0.19
		332	92.79	4.23	-89.40	-84.07	-1.10	-21.69	0.29	-0.12	9.97e-03	0.16	-0.19
		131	79.38	-9.74	-82.57	-76.36	-15.95	-20.35	0.21	-0.20	-0.03	0.04	-0.20
248	1	326	57.66	2.81	-55.08	-40.67	-11.60	-25.03	0.15	-0.13	6.32e-03	8.21e-03	-0.14
		334	72.61	15.54	-63.00	-42.64	-4.81	-34.41	0.36	-0.58	0.33	-0.55	-0.17
		336	62.91	36.45	-28.11	11.50	-3.16	-31.44	0.62	-0.71	0.17	-0.26	-0.63
		335	48.28	33.41	-16.31	13.48	3.62	-24.36	0.45	-0.43	-5.22e-03	0.02	-0.44
248	2	326	128.86	-0.18	-128.52	-100.10	-28.60	-53.29	0.20	-0.09	0.12	-0.02	-0.13
		334	164.59	27.92	-145.05	-105.14	-11.99	-72.87	1.12	-0.04	0.03	1.06	-0.26
		336	125.20	68.66	-66.04	12.11	-9.49	-66.48	1.74	-8.96e-03	0.42	1.31	0.75
		335	93.94	61.90	-38.27	17.96	5.67	-49.70	0.49	-0.73	-0.19	-0.04	0.61
248	3	326	29.37	0.27	-28.89	-22.24	-6.38	-12.23	0.06	-0.05	0.01	9.83e-04	-0.05
		334	36.89	6.93	-32.82	-23.41	-2.48	-16.90	0.12	-0.11	0.10	-0.08	-0.07



		336	28.55	16.87	-14.45	4.25	-1.82	-15.36	0.19	-0.08	0.08	0.02	-0.13
		335	21.54	15.24	-8.34	5.38	1.52	-11.63	0.08	-0.09	-0.02	2.25e-03	-0.08
248	4	326	50.52	-0.60	-50.66	-39.85	-11.41	-20.60	0.07	-0.03	0.05	-7.23e-03	-0.05
		334	64.54	10.62	-57.16	-41.92	-4.61	-28.29	0.42	-0.01	0.01	0.39	-0.10
		336	48.31	26.43	-25.70	4.43	-3.70	-25.74	0.65	-3.10e-03	0.16	0.49	0.28
		335	36.05	23.69	-14.86	6.71	2.12	-19.14	0.18	-0.27	-0.07	-0.02	0.23
249	1	317	103.89	3.62	-96.56	-91.76	-1.19	-21.41	0.39	-1.79	-0.36	-1.04	1.03
		339	93.75	4.73	-84.81	-78.87	-1.21	-22.27	0.81	-1.98	-0.50	-0.67	1.39
		338	95.47	10.37	-73.95	-62.53	-1.05	-28.85	-0.21	-4.21	-0.97	-3.46	1.57
		124	96.10	9.42	-79.67	-69.65	-0.61	-28.16	-0.05	-3.02	-0.46	-2.61	1.02
249	2	317	226.66	4.17	-224.50	-218.28	-2.05	-37.18	0.08	-0.46	-0.04	-0.34	-0.23
		339	207.50	4.48	-204.95	-198.45	-2.02	-36.31	0.09	-0.32	0.01	-0.25	-0.16
		338	175.16	9.84	-168.86	-156.21	-2.82	-45.85	1.35	0.53	0.53	1.34	-0.08
		124	186.47	9.58	-180.02	-167.12	-3.33	-47.75	1.31	0.48	0.55	1.24	-0.23
249	3	317	53.76	1.35	-51.71	-49.88	-0.47	-9.67	0.09	-0.53	-0.11	-0.33	0.29
		339	48.80	1.69	-46.47	-44.31	-0.46	-9.96	0.22	-0.58	-0.15	-0.22	0.40
		338	45.08	3.71	-39.13	-34.95	-0.48	-12.72	-0.02	-1.15	-0.25	-0.92	0.46
		124	46.55	3.45	-41.82	-37.97	-0.39	-12.62	0.02	-0.80	-0.09	-0.68	0.28
249	4	317	90.51	1.58	-89.68	-87.37	-0.73	-14.35	0.03	-0.17	-0.02	-0.12	-0.08
		339	83.18	1.74	-82.19	-79.75	-0.70	-14.12	0.03	-0.12	4.15e-03	-0.09	-0.06
		338	69.83	3.74	-67.45	-62.70	-1.00	-17.75	0.50	0.20	0.20	0.50	-0.03
		124	74.09	3.62	-71.67	-66.85	-1.20	-18.43	0.49	0.18	0.20	0.46	-0.09
250	1	325	79.14	18.55	-65.39	-40.65	-6.19	-38.27	-1.49	-3.72	-1.49	-3.72	0.07
		341	104.64	15.54	-64.44	-40.95	-7.96	-36.43	-0.35	-8.71	-0.62	-8.44	1.47
		344	94.52	31.54	-43.82	-10.24	-2.04	-37.46	-0.34	-8.41	-0.75	-7.99	-1.78
		129	89.76	22.79	-38.02	-5.47	-9.75	-30.33	1.11	-7.36	0.51	-6.76	-2.17
250	2	325	157.51	25.00	-139.76	-100.63	-14.13	-70.11	1.41	0.90	1.01	1.30	0.21
		341	145.01	12.06	-136.15	-105.74	-18.35	-59.86	4.65	1.25	1.26	4.64	0.18
		344	121.06	54.64	-78.89	-24.64	0.39	-65.58	3.74	-0.67	-0.66	3.74	0.10
		129	116.56	21.46	-77.26	-19.40	-36.41	-48.62	8.44	4.22	4.27	8.39	0.47
250	3	325	38.19	7.48	-33.11	-22.66	-2.97	-17.75	-0.36	-1.00	-0.37	-1.00	0.04
		341	43.60	5.57	-32.60	-23.19	-3.84	-16.45	6.55e-03	-2.24	-0.09	-2.15	0.45
		344	36.88	14.26	-20.34	-5.46	-0.62	-17.13	-0.13	-2.22	-0.27	-2.08	-0.52
		129	32.93	9.05	-18.36	-3.57	-5.73	-13.66	0.66	-1.55	0.47	-1.37	-0.61
250	4	325	61.91	9.48	-55.24	-40.43	-5.33	-27.18	0.52	0.33	0.38	0.48	0.08
		341	57.46	4.70	-54.01	-42.39	-6.92	-23.39	1.73	0.47	0.47	1.73	0.07
		344	46.93	21.11	-30.74	-9.73	0.10	-25.46	1.39	-0.25	-0.25	1.39	0.04
		129	44.75	8.65	-29.98	-7.70	-13.63	-19.08	3.14	1.57	1.59	3.12	0.18
251	1	319	80.59	5.51	-72.01	-65.29	-1.21	-21.81	1.45	-1.41	-0.35	0.39	1.38
		112	67.44	6.23	-59.50	-52.16	-1.11	-20.71	1.93	-0.80	-0.16	1.28	1.16
		111	78.60	9.96	-57.88	-45.85	-2.06	-25.91	-1.20	-4.99	-1.97	-4.22	1.53
		342	88.38	9.94	-66.14	-54.13	-2.06	-27.73	-0.95	-5.21	-1.86	-4.30	1.75
251	2	319	188.70	4.69	-185.42	-178.76	-1.98	-34.96	0.07	-0.27	0.06	-0.26	-0.05
		112	170.03	5.12	-166.66	-159.64	-1.90	-34.01	0.09	-0.10	0.09	-0.10	-9.39e-03
		111	150.51	9.80	-144.70	-132.51	-2.39	-41.64	1.46	0.57	0.57	1.46	0.05
		342	162.37	9.12	-156.73	-144.42	-3.19	-43.48	1.54	0.66	0.66	1.54	-0.06
251	3	319	42.86	1.82	-40.84	-38.53	-0.48	-9.65	0.41	-0.42	-0.10	0.10	0.40
		112	37.13	2.07	-35.42	-32.93	-0.43	-9.35	0.57	-0.23	-0.04	0.37	0.34
		111	37.55	3.49	-32.21	-27.98	-0.74	-11.54	-0.30	-1.38	-0.54	-1.14	0.45
		342	41.45	3.43	-35.70	-31.44	-0.82	-12.18	-0.22	-1.44	-0.50	-1.16	0.51
251	4	319	75.87	1.77	-74.63	-72.15	-0.71	-13.54	0.03	-0.10	0.02	-0.10	-0.02
		112	68.71	1.98	-67.42	-64.77	-0.66	-13.29	0.03	-0.04	0.03	-0.04	-4.86e-03
		111	60.45	3.73	-58.23	-53.65	-0.84	-16.20	0.55	0.21	0.21	0.54	0.02
		342	64.93	3.45	-62.80	-58.20	-1.15	-16.85	0.57	0.25	0.25	0.57	-0.02
252	1	327	82.41	19.64	-61.82	-34.12	-8.06	-38.60	-3.86	-4.17	-3.97	-4.06	0.15
		113	113.43	9.49	-56.03	-35.75	-10.79	-30.29	-3.67	-16.36	-3.76	-16.28	1.04
		105	121.48	27.79	-46.52	-18.45	-0.28	-36.03	0.76	-15.99	0.73	-15.95	-0.78
		110	176.66	5.63	-43.89	-14.87	-23.40	-24.39	-11.11	-27.73	-11.53	-27.31	-2.61
252	2	327	147.51	22.60	-130.93	-95.76	-12.58	-64.52	1.50	0.77	0.92	1.36	0.29
		113	133.72	10.36	-125.03	-98.04	-16.62	-54.09	5.10	1.40	1.42	5.08	0.28
		105	121.98	49.99	-79.12	-30.17	1.05	-62.64	4.18	-1.00	-1.00	4.18	-0.07
		110	118.77	15.65	-78.40	-27.61	-35.14	-46.87	10.33	5.48	5.48	10.32	0.18
252	3	327	37.85	7.45	-31.33	-20.45	-3.43	-17.42	-1.04	-1.17	-1.11	-1.10	0.07
		113	42.79	3.59	-29.29	-21.14	-4.56	-14.20	-0.97	-4.47	-1.01	-4.44	0.33
		105	41.36	12.80	-21.28	-8.42	-0.06	-16.52	0.15	-4.42	0.14	-4.41	-0.24
		110	54.37	3.47	-20.27	-7.11	-9.69	-11.80	-2.87	-7.44	-3.00	-7.31	-0.76
252	4	327	58.25	8.57	-52.04	-38.71	-4.76	-25.11	0.56	0.29	0.34	0.51	0.11
		113	53.10	4.06	-49.94	-39.60	-6.29	-21.25	1.90	0.52	0.53	1.89	0.10
		105	47.35	19.38	-30.94	-11.89	0.34	-24.40	1.56	-0.37	-0.37	1.56	-0.03
		110	45.57	6.47	-30.53	-10.89	-13.17	-18.46	3.84	2.04	2.04	3.84	0.07
253	1	320	57.17	5.99	-46.59	-39.61	-0.98	-17.84	3.41	0.28	0.32	3.37	0.33
		117	49.72	5.26	-35.76	-29.77	-0.73	-14.48	2.84	0.11	0.28	2.66	-0.66
		116	52.85	6.44	-37.63	-29.29	-1.90	-17.26	-1.34	-3.61	-1.84	-3.11	-0.94
		323	57.13	7.45	-47.33	-36.82	-3.05	-21.57	-2.64	-4.63	-2.77	-4.50	0.49
253	2	320	151.81	5.48	-147.76	-140.41	-1.87	-32.73	0.13	-0.16	0.13	-0.16	0.03
		117	133.92	6.05	-129.84	-121.97	-1.82	-31.74	0.17	0.01	0.15	0.03	0.05
		116	124.43	9.94	-118.78	-106.76	-2.08	-37.45	1.32	0.53	0.53	1.31	0.06



253	3	323	136.97	9.00	-131.61	-119.68	-2.93	-39.18	1.62	0.67	0.67	1.61	0.04
		320	32.82	1.94	-29.81	-27.46	-0.41	-8.32	1.00	0.09	0.10	0.99	0.10
		117	28.87	1.88	-25.04	-22.84	-0.31	-7.37	0.84	0.04	0.09	0.79	-0.19
253	4	116	28.06	2.56	-24.05	-20.82	-0.68	-8.69	-0.34	-0.98	-0.50	-0.82	-0.28
		323	30.18	2.66	-27.93	-24.18	-1.10	-10.04	-0.73	-1.25	-0.77	-1.21	0.14
		320	61.57	2.06	-60.06	-57.32	-0.67	-12.74	0.05	-0.06	0.05	-0.06	7.86e-03
253	4	117	54.68	2.33	-53.13	-50.16	-0.64	-12.48	0.06	5.99e-03	0.06	0.01	0.02
		116	50.47	3.80	-48.30	-43.78	-0.73	-14.67	0.49	0.20	0.20	0.49	0.02
		323	55.23	3.40	-53.19	-48.73	-1.06	-15.26	0.60	0.25	0.25	0.60	0.01
254	1	328	80.76	17.44	-49.02	-24.29	-7.29	-32.13	-0.49	-4.44	-4.04	-0.88	-1.19
		118	124.66	0.09	-38.95	-27.88	-10.98	-17.60	-5.85	-19.86	-6.41	-19.31	-2.73
		149	158.07	23.40	-39.36	-21.07	5.11	-28.52	5.66	-17.61	5.60	-17.55	1.15
254	2	115	298.76	-13.40	-43.67	-21.47	-35.60	-13.38	-30.02	-50.91	-30.08	-50.85	-1.11
		328	132.91	20.81	-117.46	-85.72	-10.93	-58.14	1.25	0.53	0.72	1.06	0.32
		118	117.88	9.01	-109.20	-85.30	-14.89	-47.48	4.93	1.38	1.40	4.91	0.31
254	3	149	118.29	45.40	-75.73	-31.72	1.40	-58.26	4.34	-1.24	-1.23	4.33	-0.22
		115	116.85	11.54	-76.06	-30.94	-33.58	-43.78	11.29	6.15	6.15	11.29	-0.06
		328	36.69	6.58	-26.47	-16.81	-3.08	-15.03	-0.08	-1.24	-1.14	-0.18	-0.33
254	4	118	41.90	0.81	-23.15	-17.84	-4.50	-9.95	-1.62	-5.51	-1.79	-5.34	-0.79
		149	51.38	11.14	-18.94	-9.36	1.56	-14.02	1.58	-4.88	1.57	-4.87	0.32
		115	87.77	-2.73	-19.86	-9.40	-13.19	-8.35	-8.42	-14.22	-8.44	-14.20	-0.33
254	4	328	52.85	7.89	-47.07	-35.01	-4.16	-22.74	0.46	0.20	0.27	0.39	0.12
		118	47.18	3.55	-44.06	-34.85	-5.65	-18.80	1.84	0.51	0.52	1.83	0.11
		149	46.07	17.70	-29.76	-12.52	0.46	-22.83	1.62	-0.46	-0.46	1.62	-0.08
255	1	115	44.87	4.96	-29.76	-12.21	-12.59	-17.36	4.21	2.29	2.29	4.21	-0.02
		321	44.34	3.79	-26.03	-21.65	-0.59	-10.56	3.31	-0.25	0.29	2.78	-1.27
		152	35.09	2.55	-19.51	-16.73	-0.23	-7.32	2.06	-1.17	-0.05	0.94	-1.54
255	2	148	48.02	2.67	-20.74	-17.39	-0.69	-8.20	1.63	-4.16	-0.83	-1.70	-2.86
		154	49.53	3.42	-27.88	-22.25	-2.20	-12.01	-0.74	-4.63	-1.94	-3.43	-1.80
		321	116.02	6.58	-111.48	-103.16	-1.74	-30.22	0.14	-0.09	0.13	-0.08	0.04
255	3	152	99.49	7.31	-94.74	-85.74	-1.70	-28.94	0.15	-2.40e-03	0.13	0.01	0.05
		148	96.94	10.07	-91.21	-79.31	-1.83	-32.61	0.87	0.37	0.37	0.87	6.83e-03
		154	109.82	8.95	-104.64	-92.99	-2.71	-34.47	1.45	0.58	0.58	1.45	0.07
255	4	321	25.25	1.50	-20.47	-18.68	-0.29	-6.02	0.98	-0.06	0.09	0.82	-0.37
		152	21.26	1.37	-17.09	-15.55	-0.17	-5.11	0.61	-0.34	-3.95e-03	0.28	-0.45
		148	23.89	1.67	-16.79	-14.82	-0.30	-5.70	0.53	-1.18	-0.22	-0.44	-0.85
255	4	154	25.30	1.63	-19.97	-17.50	-0.84	-6.87	-0.15	-1.28	-0.53	-0.90	-0.53
		321	47.61	2.46	-45.93	-42.83	-0.63	-11.84	0.05	-0.03	0.05	-0.03	0.01
		152	41.21	2.81	-39.41	-36.00	-0.60	-11.51	0.05	1.95e-04	0.05	5.31e-03	0.02
256	1	148	39.89	3.87	-37.68	-33.17	-0.64	-12.93	0.33	0.14	0.14	0.33	-4.60e-04
		154	44.80	3.38	-42.83	-38.46	-0.99	-13.52	0.54	0.22	0.22	0.54	0.02
		329	65.96	10.75	-30.42	-16.18	-3.49	-19.59	3.17	-2.57	-0.41	1.00	-2.78
256	2	155	97.49	-3.74	-21.93	-18.75	-6.92	-6.92	-3.01	-15.58	-5.13	-13.46	-4.71
		311	123.44	16.02	-26.02	-16.96	6.96	-17.29	7.52	-10.75	7.38	-10.60	1.62
		337	271.12	-17.01	-33.31	-20.22	-30.10	-6.49	-29.35	-46.62	-29.46	-46.52	1.35
256	3	329	113.87	19.29	-99.29	-70.79	-9.21	-50.67	0.72	0.08	0.42	0.37	0.32
		155	97.10	7.36	-88.44	-67.99	-13.08	-39.25	4.24	1.20	1.25	4.20	0.37
		311	110.19	40.49	-68.71	-30.16	1.95	-52.19	4.24	-1.47	-1.45	4.21	-0.35
256	4	337	111.95	7.06	-70.66	-30.86	-32.75	-38.85	11.75	6.61	6.63	11.74	-0.25
		329	30.31	4.64	-19.71	-13.23	-1.85	-10.77	0.95	-0.71	-0.09	0.33	-0.80
		155	34.49	-0.33	-16.56	-13.71	-3.18	-6.18	-0.77	-4.31	-1.42	-3.66	-1.37
256	4	311	40.97	8.54	-14.43	-8.02	2.14	-10.30	2.12	-2.85	2.08	-2.81	0.45
		337	78.40	-4.15	-16.40	-9.05	-11.50	-6.00	-8.19	-12.91	-8.22	-12.88	0.38
		329	45.73	7.32	-40.27	-29.41	-3.54	-19.98	0.27	0.03	0.16	0.14	0.12
257	1	155	39.36	2.95	-36.25	-28.31	-5.00	-15.76	1.59	0.45	0.47	1.57	0.13
		311	43.16	15.94	-27.22	-11.93	0.65	-20.64	1.59	-0.55	-0.54	1.58	-0.13
		337	43.06	3.34	-27.83	-12.20	-12.29	-15.59	4.39	2.47	2.47	4.38	-0.09
257	2	1	13.57	14.58	3.49	3.50	14.57	-0.37	0.28	-0.16	0.06	0.07	0.22
		346	10.30	9.60	2.75	2.97	9.38	-1.20	0.48	-0.38	0.03	0.07	0.43
		345	12.95	11.13	1.22	1.38	10.97	-1.25	-0.22	-0.58	-0.35	-0.45	0.18
257	3	35	14.33	12.20	-1.03	-0.51	11.68	-2.56	0.81	0.29	0.79	0.32	0.11
		1	117.72	101.27	23.52	25.20	99.59	11.31	5.74	-4.42	0.61	0.71	5.08
		346	97.13	56.86	16.13	18.00	55.00	8.52	6.82	-6.22	0.11	0.50	6.52
257	4	345	88.61	66.16	8.09	10.63	63.61	11.88	2.39	-7.79	-2.61	-2.80	5.09
		35	98.28	75.90	0.35	0.36	75.89	0.69	8.61	-1.58	5.29	1.75	4.78
		1	14.56	14.38	3.49	3.56	14.32	0.82	0.51	-0.38	0.06	0.07	0.45
257	3	346	10.28	8.49	2.73	2.74	8.48	0.26	0.64	-0.57	0.01	0.05	0.60
		345	11.00	9.87	1.45	1.48	9.83	0.52	0.15	-0.72	-0.27	-0.29	0.43
		35	13.36	11.23	-0.24	-0.16	11.15	-0.96	0.84	-0.03	0.59	0.23	0.39
257	4	1	45.62	40.12	9.38	9.98	39.51	4.29	2.13	-1.64	0.22	0.26	1.89
		346	36.64	22.64	6.55	7.19	22.00	3.14	2.51	-2.30	0.04	0.18	2.41
		345	33.95	26.31	3.34	4.22	25.43	4.41	0.92	-2.85	-0.94	-0.99	1.89
258	1	35	38.23	30.18	0.10	0.10	30.18	3.51e-03	3.17	-0.60	1.92	0.65	1.78
		346	10.73	10.35	2.77	2.98	10.14	-1.25	0.41	-0.36	1.43e-03	0.04	0.38
		348	9.30	8.76	2.09	2.53	8.32	-1.65	0.30	-0.27	-4.06e-04	0.03	0.29
258	1	347	13.24	8.94	1.43	1.76	8.61	-1.54	-0.41	-0.97	-0.43	-0.94	0.11
		345	12.52	10.59	0.99	1.23	10.34	-1.50	-0.13	-0.49	-0.20	-0.42	0.14



258	2	346	95.38	62.02	16.95	18.47	60.50	8.12	6.29	-6.00	0.04	0.24	6.14
		348	78.29	44.52	11.71	13.33	42.89	7.11	5.43	-5.21	-0.04	0.25	5.32
		347	74.18	47.09	6.36	9.45	44.00	10.79	0.49	-8.99	-2.87	-5.64	4.53
		345	80.82	61.49	7.10	9.07	59.51	10.17	2.81	-6.86	-1.52	-2.53	4.81
258	3	346	10.43	9.26	2.77	2.78	9.25	0.21	0.58	-0.55	4.05e-03	0.03	0.56
		348	8.07	7.06	2.17	2.17	7.06	-0.03	0.49	-0.47	-3.18e-03	0.02	0.48
		347	10.36	7.28	1.54	1.56	7.26	0.31	-0.07	-0.88	-0.32	-0.64	0.37
		345	10.60	9.25	1.29	1.30	9.24	0.27	0.19	-0.62	-0.16	-0.27	0.40
258	4	346	36.17	24.69	6.85	7.37	24.17	2.99	2.32	-2.22	0.02	0.08	2.27
		348	29.54	17.84	4.84	5.37	17.31	2.57	2.01	-1.93	-0.01	0.09	1.97
		347	28.41	18.80	2.78	3.84	17.75	3.97	0.22	-3.29	-1.04	-2.03	1.68
		345	30.98	24.48	2.95	3.62	23.81	3.73	1.07	-2.52	-0.55	-0.89	1.78
259	1	348	9.34	8.83	2.11	2.55	8.39	-1.65	0.28	-0.28	-9.69e-03	0.02	0.28
		350	8.10	7.76	1.64	2.21	7.20	-1.77	0.19	-0.19	1.18e-04	6.35e-03	0.19
		349	13.62	7.73	1.38	1.84	7.27	-1.65	-0.47	-1.27	-0.48	-1.26	0.08
		347	13.15	8.91	1.36	1.70	8.58	-1.55	-0.37	-0.94	-0.39	-0.92	0.10
259	2	348	77.73	45.12	12.01	13.59	43.54	7.06	5.30	-5.26	-0.07	0.10	5.28
		350	65.00	33.83	8.18	10.07	31.94	6.70	4.52	-4.48	-4.61e-03	0.05	4.50
		349	70.60	36.30	2.91	6.45	32.76	10.28	-0.40	-9.63	-3.06	-6.97	4.18
		347	72.96	46.84	5.84	8.92	43.76	10.81	0.75	-8.71	-2.57	-5.39	4.51
259	3	348	8.04	7.15	2.20	2.20	7.15	-0.03	0.47	-0.47	-7.30e-03	0.01	0.47
		350	6.57	5.72	1.77	1.77	5.72	-0.10	0.39	-0.39	-3.70e-04	5.67e-03	0.39
		349	9.97	5.81	1.35	1.36	5.80	0.24	-0.17	-0.99	-0.35	-0.82	0.33
		347	10.25	7.25	1.48	1.49	7.23	0.31	-0.05	-0.85	-0.29	-0.61	0.37
259	4	348	29.34	18.08	4.95	5.47	17.56	2.55	1.96	-1.95	-0.02	0.04	1.95
		350	24.46	13.65	3.49	4.10	13.05	2.41	1.68	-1.66	-1.77e-03	0.02	1.67
		349	26.85	14.56	1.52	2.72	13.35	3.77	-0.11	-3.51	-1.11	-2.51	1.55
		347	27.97	18.70	2.58	3.63	17.65	3.97	0.32	-3.18	-0.93	-1.93	1.68
260	1	350	8.13	7.77	1.65	2.21	7.21	-1.77	0.19	-0.19	-5.71e-03	6.27e-03	0.19
		352	7.10	6.97	1.36	1.97	6.37	-1.74	0.13	-0.12	9.61e-05	2.79e-03	0.13
		351	13.94	6.88	1.35	1.92	6.31	-1.68	-0.53	-1.51	-0.54	-1.51	0.03
		349	13.58	7.73	1.36	1.82	7.27	-1.65	-0.46	-1.26	-0.47	-1.25	0.07
260	2	350	65.35	33.99	8.25	10.13	32.11	6.71	4.53	-4.53	-0.04	0.04	4.53
		352	55.00	25.89	5.39	7.54	23.74	6.28	3.85	-3.83	-2.13e-03	0.02	3.84
		351	67.55	28.30	0.19	3.62	24.86	9.21	-1.36	-9.96	-3.40	-7.92	3.66
		349	70.18	36.32	2.79	6.31	32.80	10.27	-0.38	-9.51	-2.98	-6.90	4.13
260	3	350	6.60	5.74	1.78	1.78	5.73	-0.10	0.39	-0.39	-4.46e-03	4.24e-03	0.39
		352	5.47	4.71	1.46	1.47	4.71	-0.12	0.32	-0.32	-1.76e-04	1.95e-03	0.32
		351	9.67	4.77	1.15	1.16	4.76	0.15	-0.27	-1.08	-0.39	-0.96	0.28
		349	9.93	5.82	1.33	1.34	5.80	0.24	-0.17	-0.98	-0.34	-0.81	0.33
260	4	350	24.58	13.72	3.52	4.13	13.11	2.41	1.68	-1.68	-0.01	0.01	1.68
		352	20.65	10.54	2.43	3.12	9.85	2.26	1.43	-1.42	-8.36e-04	5.94e-03	1.42
		351	25.56	11.43	0.49	1.66	10.26	3.38	-0.47	-3.63	-1.24	-2.86	1.36
		349	26.70	14.56	1.48	2.67	13.37	3.77	-0.10	-3.47	-1.08	-2.49	1.53
261	1	352	7.12	6.98	1.37	1.97	6.37	-1.74	0.13	-0.13	-2.93e-03	3.07e-03	0.13
		354	6.23	6.38	1.26	1.81	5.83	-1.58	0.07	-0.07	-4.15e-04	2.50e-03	0.07
		353	14.32	6.27	1.44	2.07	5.64	-1.63	-0.59	-1.73	-0.59	-1.73	-8.39e-03
		351	13.91	6.88	1.34	1.92	6.31	-1.68	-0.53	-1.51	-0.53	-1.51	0.03
261	2	352	55.29	25.95	5.42	7.57	23.81	6.28	3.87	-3.87	-0.02	0.02	3.87
		354	45.23	19.85	3.45	5.65	17.65	5.59	3.15	-3.15	-7.30e-03	0.01	3.15
		353	65.21	22.03	-1.64	1.31	19.08	7.82	-2.29	-10.10	-3.73	-8.67	3.02
		351	67.35	28.33	0.16	3.58	24.90	9.20	-1.39	-9.89	-3.38	-7.91	3.60
261	3	352	5.49	4.72	1.46	1.47	4.71	-0.12	0.32	-0.32	-2.38e-03	2.21e-03	0.32
		354	4.51	3.98	1.24	1.24	3.97	-0.11	0.26	-0.25	-6.88e-04	1.64e-03	0.25
		353	9.48	4.00	1.02	1.02	4.00	0.07	-0.36	-1.15	-0.43	-1.08	0.22
		351	9.65	4.77	1.15	1.15	4.77	0.15	-0.28	-1.07	-0.39	-0.96	0.28
261	4	352	20.75	10.57	2.44	3.13	9.88	2.26	1.43	-1.43	-7.97e-03	6.91e-03	1.43
		354	16.98	8.18	1.68	2.38	7.47	2.02	1.17	-1.17	-2.73e-03	4.68e-03	1.17
		353	24.57	8.99	-0.21	0.79	7.98	2.87	-0.82	-3.68	-1.36	-3.14	1.12
		351	25.49	11.44	0.48	1.65	10.27	3.38	-0.48	-3.61	-1.23	-2.86	1.33
262	1	354	6.24	6.38	1.26	1.81	5.83	-1.58	0.08	-0.07	-1.85e-03	2.53e-03	0.07
		356	5.52	5.97	1.32	1.73	5.56	-1.31	0.02	-0.02	-7.78e-04	2.70e-03	0.02
		355	14.79	5.84	1.70	2.31	5.23	-1.47	-0.64	-1.92	-0.64	-1.92	-0.05
		353	14.30	6.27	1.44	2.07	5.64	-1.63	-0.59	-1.73	-0.59	-1.73	-0.02
262	2	354	45.43	19.88	3.47	5.67	17.69	5.59	3.17	-3.17	-0.02	0.02	3.17
		356	35.02	15.20	2.29	4.28	13.22	4.65	2.40	-2.40	-0.01	0.01	2.40
		355	63.47	17.09	-2.63	-0.41	14.87	6.23	-3.11	-10.13	-3.99	-9.25	2.32
		353	65.08	22.05	-1.65	1.30	19.10	7.82	-2.33	-10.06	-3.72	-8.67	2.96
262	3	354	4.52	3.98	1.24	1.24	3.97	-0.11	0.26	-0.26	-1.63e-03	1.81e-03	0.26
		356	3.68	3.47	1.08	1.09	3.47	-0.08	0.18	-0.18	-1.04e-03	1.74e-03	0.18
		355	9.39	3.47	0.95	0.95	3.47	0.02	-0.43	-1.21	-0.46	-1.18	0.16
		353	9.47	4.01	1.01	1.02	4.01	0.07	-0.36	-1.15	-0.43	-1.08	0.22
262	4	354	17.05	8.19	1.68	2.38	7.49	2.02	1.17	-1.17	-5.57e-03	5.52e-03	1.17
		356	13.19	6.37	1.21	1.84	5.74	1.69	0.89	-0.89	-3.98e-03	4.86e-03	0.89
		355	23.82	7.09	-0.62	0.14	6.33	2.30	-1.12	-3.68	-1.45	-3.35	0.86
		353	24.52	9.00	-0.22	0.79	7.99	2.87	-0.83	-3.66	-1.36	-3.14	1.10
263	1	356	5.53	5.97	1.32	1.73	5.56	-1.31	0.03	-0.02	-1.50e-03	2.64e-03	0.03



		358	5.28	5.78	1.53	1.73	5.57	-0.92	0.02	-0.02	-9.69e-04	2.99e-03	-0.02
		357	15.38	5.57	2.17	2.66	5.09	-1.19	-0.68	-2.08	-0.68	-2.08	-0.08
		355	14.78	5.84	1.70	2.31	5.23	-1.47	-0.64	-1.92	-0.64	-1.92	-0.06
263	2	356	35.19	15.21	2.31	4.28	13.24	4.65	2.42	-2.42	-0.01	0.01	2.42
		358	24.52	11.68	1.84	3.34	10.18	3.54	1.60	-1.60	-0.01	0.01	1.60
		357	62.19	13.34	-2.93	-1.56	11.97	4.52	-3.75	-10.07	-4.16	-9.65	1.56
		355	63.37	17.10	-2.64	-0.42	14.89	6.23	-3.15	-10.09	-3.98	-9.25	2.26
263	3	356	3.70	3.47	1.08	1.09	3.47	-0.08	0.19	-0.19	-1.43e-03	1.80e-03	0.19
		358	3.04	3.17	1.00	1.00	3.17	-0.02	0.11	-0.11	-1.20e-03	1.86e-03	0.11
		357	9.40	3.14	0.95	0.95	3.14	-0.01	-0.48	-1.27	-0.49	-1.25	0.09
		355	9.39	3.47	0.95	0.95	3.47	0.02	-0.43	-1.21	-0.46	-1.18	0.15
263	4	356	13.25	6.37	1.21	1.84	5.75	1.69	0.89	-0.89	-4.99e-03	5.23e-03	0.89
		358	9.34	5.02	0.99	1.47	4.54	1.30	0.59	-0.59	-4.55e-03	4.98e-03	0.59
		357	23.27	5.65	-0.78	-0.30	5.18	1.68	-1.36	-3.66	-1.52	-3.50	0.58
		355	23.79	7.09	-0.62	0.14	6.33	2.30	-1.14	-3.67	-1.45	-3.35	0.84
264	1	358	5.27	5.78	1.52	1.73	5.57	-0.92	0.02	-0.02	-1.40e-03	2.91e-03	-0.02
		360	5.39	5.91	1.79	1.83	5.87	-0.39	0.06	-0.06	-1.06e-03	3.34e-03	-0.06
		359	16.09	5.48	2.85	3.12	5.22	-0.79	-0.70	-2.21	-0.71	-2.21	-0.11
		357	15.37	5.57	2.17	2.66	5.08	-1.19	-0.68	-2.08	-0.68	-2.08	-0.09
264	2	358	24.68	11.69	1.85	3.34	10.19	3.53	1.62	-1.62	-0.01	0.01	1.62
		360	14.30	9.23	1.94	2.78	8.38	2.33	0.78	-0.78	-0.01	0.01	0.78
		359	61.34	10.80	-2.74	-2.15	10.21	2.76	-4.14	-9.99	-4.25	-9.88	0.79
		357	62.13	13.35	-2.93	-1.56	11.98	4.52	-3.77	-10.04	-4.16	-9.65	1.51
264	3	358	3.05	3.18	1.00	1.00	3.18	-0.02	0.11	-0.11	-1.39e-03	1.86e-03	0.11
		360	2.79	3.08	0.96	0.97	3.08	0.07	0.04	-0.04	-1.25e-03	1.97e-03	0.04
		359	9.50	2.99	1.03	1.03	2.99	-2.16e-03	-0.50	-1.31	-0.50	-1.31	0.03
		357	9.39	3.14	0.95	0.95	3.14	-0.01	-0.48	-1.26	-0.49	-1.25	0.09
264	4	358	9.39	5.02	1.00	1.47	4.55	1.30	0.60	-0.60	-4.93e-03	5.12e-03	0.60
		360	5.67	4.09	0.98	1.25	3.82	0.88	0.29	-0.29	-4.69e-03	4.99e-03	0.29
		359	22.91	4.68	-0.74	-0.53	4.47	1.05	-1.51	-3.62	-1.55	-3.58	0.29
		357	23.25	5.66	-0.78	-0.30	5.18	1.68	-1.37	-3.65	-1.52	-3.50	0.56
265	1	360	5.38	5.91	1.79	1.83	5.87	-0.39	0.06	-0.06	-1.38e-03	3.27e-03	-0.06
		362	5.90	6.49	2.00	2.01	6.48	0.27	0.09	-0.09	-1.10e-03	3.76e-03	-0.09
		361	16.97	5.69	3.65	3.68	5.65	-0.25	-0.72	-2.31	-0.73	-2.30	-0.13
		359	16.09	5.48	2.85	3.12	5.22	-0.79	-0.70	-2.22	-0.71	-2.21	-0.12
265	2	360	14.44	9.23	1.94	2.78	8.39	2.32	0.80	-0.80	-0.01	0.01	0.80
		362	7.12	7.97	2.34	2.58	7.74	1.12	0.04	-0.04	-0.01	0.01	-0.04
		361	60.88	9.59	-2.29	-2.20	9.51	1.01	-4.24	-9.93	-4.24	-9.93	0.01
		359	61.32	10.80	-2.74	-2.15	10.21	2.76	-4.15	-9.97	-4.24	-9.88	0.73
265	3	360	2.79	3.08	0.96	0.97	3.08	0.07	0.04	-0.04	-1.40e-03	1.95e-03	0.04
		362	2.88	3.20	0.98	1.00	3.18	0.21	0.03	-0.03	-1.24e-03	2.08e-03	-0.03
		361	9.69	3.04	1.19	1.19	3.04	0.05	-0.50	-1.34	-0.51	-1.34	-0.04
		359	9.49	2.99	1.03	1.03	2.99	-2.20e-03	-0.50	-1.31	-0.50	-1.31	0.02
265	4	360	5.72	4.10	0.98	1.25	3.83	0.88	0.30	-0.30	-4.96e-03	5.01e-03	0.30
		362	3.24	3.64	1.08	1.16	3.55	0.46	0.01	-0.01	-4.58e-03	4.95e-03	-0.01
		361	22.71	4.21	-0.59	-0.55	4.18	0.42	-1.55	-3.60	-1.55	-3.60	3.53e-03
		359	22.90	4.68	-0.74	-0.53	4.47	1.05	-1.51	-3.62	-1.55	-3.58	0.27
266	1	362	5.89	6.49	2.00	2.01	6.47	0.27	0.09	-0.09	-1.38e-03	3.68e-03	-0.09
		364	7.24	7.64	2.08	2.30	7.42	1.08	0.12	-0.12	-1.11e-03	4.22e-03	-0.12
		363	18.01	6.50	4.27	4.36	6.41	0.43	-0.72	-2.37	-0.73	-2.36	-0.13
		361	16.97	5.68	3.65	3.68	5.65	-0.25	-0.71	-2.31	-0.73	-2.30	-0.13
266	2	362	7.13	7.97	2.35	2.58	7.74	1.12	0.02	-0.02	-0.01	0.01	-0.02
		364	11.33	8.20	2.72	2.72	8.20	-2.11e-03	0.83	-0.83	-0.01	0.01	-0.83
		363	60.81	9.85	-1.75	-1.72	9.82	-0.66	-4.05	-9.90	-4.15	-9.80	-0.74
		361	60.90	9.59	-2.29	-2.20	9.51	1.00	-4.24	-9.93	-4.24	-9.93	-0.04
266	3	362	2.88	3.20	0.98	1.00	3.18	0.20	0.03	-0.03	-1.39e-03	2.04e-03	-0.03
		364	3.50	3.54	1.03	1.09	3.48	0.39	0.10	-0.10	-1.18e-03	2.21e-03	-0.10
		363	9.99	3.28	1.41	1.42	3.27	0.15	-0.49	-1.36	-0.50	-1.35	-0.10
		361	9.69	3.04	1.19	1.19	3.04	0.05	-0.50	-1.34	-0.51	-1.34	-0.04
266	4	362	3.25	3.64	1.08	1.16	3.55	0.45	9.03e-03	-9.11e-03	-4.95e-03	4.87e-03	-7.63e-03
		364	4.64	3.71	1.21	1.21	3.71	0.07	0.31	-0.31	-4.28e-03	4.86e-03	-0.31
		363	22.68	4.29	-0.38	-0.37	4.28	-0.17	-1.48	-3.59	-1.51	-3.55	-0.28
		361	22.72	4.22	-0.59	-0.55	4.18	0.42	-1.55	-3.60	-1.55	-3.60	-0.02
267	1	364	7.23	7.63	2.08	2.30	7.41	1.08	0.12	-0.11	-1.38e-03	4.14e-03	-0.11
		366	9.14	9.35	2.07	2.70	8.72	2.05	0.13	-0.13	-1.11e-03	4.72e-03	-0.13
		365	19.25	8.07	4.60	5.14	7.54	1.26	-0.71	-2.39	-0.72	-2.38	-0.13
		363	18.02	6.50	4.27	4.36	6.41	0.43	-0.72	-2.37	-0.73	-2.36	-0.14
267	2	364	11.20	8.20	2.72	2.72	8.20	-9.83e-03	0.81	-0.81	-0.01	0.01	-0.81
		366	20.07	9.92	3.07	3.20	9.78	-0.96	1.58	-1.58	-0.01	0.01	-1.58
		365	61.11	11.53	-1.07	-0.68	11.15	-2.17	-3.61	-9.86	-3.97	-9.51	-1.45
		363	60.87	9.85	-1.75	-1.71	9.82	-0.66	-4.04	-9.91	-4.15	-9.80	-0.80
267	3	364	3.49	3.54	1.03	1.09	3.48	0.39	0.10	-0.09	-1.37e-03	2.15e-03	-0.10
		366	4.45	4.13	1.11	1.24	3.99	0.63	0.16	-0.16	-1.09e-03	2.33e-03	-0.16
		365	10.40	3.75	1.69	1.74	3.71	0.30	-0.46	-1.35	-0.48	-1.33	-0.15
		363	10.00	3.28	1.41	1.43	3.27	0.15	-0.49	-1.36	-0.50	-1.35	-0.10
267	4	364	4.60	3.71	1.21	1.21	3.71	0.07	0.30	-0.30	-4.83e-03	4.70e-03	-0.30
		366	7.58	4.32	1.37	1.39	4.30	-0.26	0.59	-0.59	-3.81e-03	4.73e-03	-0.59



		365	22.81	4.88	-0.09	9.54e-03	4.78	-0.71	-1.31	-3.58	-1.45	-3.44	-0.54
		363	22.70	4.29	-0.38	-0.37	4.28	-0.17	-1.47	-3.59	-1.51	-3.55	-0.30
268	1	366	9.13	9.35	2.07	2.70	8.72	2.05	0.13	-0.13	-1.38e-03	4.62e-03	-0.13
		368	11.52	11.62	2.03	3.22	10.43	3.16	0.14	-0.14	-1.10e-03	5.22e-03	-0.14
		367	20.72	10.25	4.85	6.03	9.07	2.23	-0.68	-2.35	-0.69	-2.34	-0.12
		365	19.27	8.07	4.61	5.14	7.53	1.26	-0.70	-2.39	-0.72	-2.38	-0.14
268	2	366	19.92	9.91	3.06	3.20	9.77	-0.96	1.56	-1.56	-0.01	0.01	-1.56
		368	28.58	12.82	3.73	4.04	12.52	-1.65	2.26	-2.26	-8.62e-03	0.01	-2.26
		367	61.79	14.40	0.04	0.92	13.53	-3.44	-2.98	-9.77	-3.70	-9.05	-2.09
		365	61.21	11.53	-1.06	-0.68	11.14	-2.17	-3.58	-9.89	-3.97	-9.50	-1.51
268	3	366	4.44	4.12	1.10	1.24	3.98	0.63	0.16	-0.15	-1.32e-03	2.25e-03	-0.16
		368	5.63	4.97	1.22	1.47	4.72	0.94	0.21	-0.21	-9.54e-04	2.43e-03	-0.21
		367	10.92	4.48	2.01	2.12	4.36	0.52	-0.41	-1.33	-0.45	-1.29	-0.19
		365	10.41	3.75	1.69	1.74	3.71	0.30	-0.46	-1.36	-0.48	-1.33	-0.15
268	4	366	7.53	4.32	1.37	1.39	4.30	-0.26	0.58	-0.58	-4.58e-03	4.48e-03	-0.58
		368	10.66	5.40	1.65	1.71	5.34	-0.49	0.84	-0.84	-3.18e-03	4.54e-03	-0.84
		367	23.10	5.94	0.35	0.61	5.68	-1.16	-1.07	-3.55	-1.35	-3.27	-0.78
		365	22.85	4.88	-0.09	0.01	4.78	-0.71	-1.30	-3.59	-1.45	-3.44	-0.56
269	1	368	11.50	11.62	2.03	3.22	10.43	3.16	0.14	-0.13	-1.35e-03	5.11e-03	-0.13
		370	14.33	14.44	2.03	3.88	12.60	4.41	0.13	-0.13	-1.08e-03	5.67e-03	-0.13
		369	22.43	12.95	5.14	7.01	11.08	3.34	-0.64	-2.27	-0.65	-2.26	-0.09
		367	20.73	10.25	4.86	6.03	9.07	2.23	-0.68	-2.35	-0.69	-2.34	-0.12
269	2	368	28.43	12.82	3.72	4.03	12.50	-1.66	2.24	-2.24	-0.01	0.01	-2.24
		370	36.06	16.83	4.92	5.26	16.49	-1.98	2.84	-2.84	-6.53e-03	0.01	-2.84
		369	62.85	18.31	1.85	3.12	17.03	-4.40	-2.23	-9.58	-3.35	-8.45	-2.64
		367	61.92	14.40	0.05	0.92	13.52	-3.44	-2.94	-9.81	-3.70	-9.05	-2.15
269	3	368	5.62	4.97	1.22	1.47	4.72	0.94	0.21	-0.21	-1.23e-03	2.33e-03	-0.21
		370	7.00	6.09	1.37	1.77	5.70	1.31	0.25	-0.25	-7.89e-04	2.51e-03	-0.25
		369	11.56	5.48	2.37	2.58	5.26	0.80	-0.36	-1.28	-0.42	-1.22	-0.22
		367	10.93	4.47	2.01	2.12	4.36	0.52	-0.41	-1.33	-0.45	-1.29	-0.20
269	4	368	10.61	5.40	1.64	1.71	5.33	-0.49	0.83	-0.83	-4.18e-03	4.18e-03	-0.83
		370	13.41	6.92	2.10	2.18	6.85	-0.59	1.05	-1.05	-2.40e-03	4.25e-03	-1.05
		369	23.55	7.40	1.06	1.43	7.02	-1.50	-0.79	-3.48	-1.22	-3.05	-0.98
		367	23.15	5.93	0.36	0.61	5.68	-1.16	-1.06	-3.56	-1.35	-3.27	-0.80
270	1	370	14.31	14.43	2.03	3.87	12.59	4.41	0.13	-0.13	-1.28e-03	5.56e-03	-0.13
		372	17.55	17.82	2.14	4.69	15.27	5.78	0.12	-0.11	-1.08e-03	6.06e-03	-0.11
		371	24.41	16.19	5.49	8.07	13.62	4.57	-0.58	-2.13	-0.58	-2.13	-0.05
		369	22.45	12.95	5.14	7.02	11.07	3.34	-0.64	-2.27	-0.65	-2.26	-0.09
270	2	370	35.90	16.81	4.91	5.25	16.47	-1.99	2.82	-2.82	-9.69e-03	0.01	-2.82
		372	42.19	22.05	6.68	6.91	21.83	-1.86	3.30	-3.29	-4.20e-03	0.01	-3.30
		371	64.34	23.21	4.54	5.97	21.79	-4.96	-1.42	-9.22	-2.92	-7.73	-3.07
		369	63.01	18.30	1.85	3.13	17.02	-4.40	-2.19	-9.61	-3.35	-8.45	-2.70
270	3	370	6.99	6.09	1.37	1.76	5.69	1.31	0.25	-0.25	-1.09e-03	2.37e-03	-0.25
		372	8.53	7.52	1.58	2.15	6.95	1.75	0.28	-0.28	-6.10e-04	2.54e-03	-0.28
		371	12.33	6.78	2.77	3.12	6.43	1.14	-0.30	-1.20	-0.37	-1.13	-0.24
		369	11.58	5.48	2.37	2.59	5.26	0.80	-0.36	-1.28	-0.42	-1.22	-0.23
270	4	370	13.36	6.92	2.10	2.17	6.84	-0.59	1.05	-1.05	-3.59e-03	3.74e-03	-1.05
		372	15.71	8.93	2.76	2.80	8.89	-0.51	1.22	-1.22	-1.53e-03	3.85e-03	-1.22
		371	24.18	9.27	2.08	2.50	8.85	-1.69	-0.49	-3.35	-1.06	-2.79	-1.14
		369	23.61	7.40	1.06	1.43	7.02	-1.50	-0.78	-3.49	-1.22	-3.05	-1.00
271	1	372	17.53	17.81	2.14	4.68	15.26	5.78	0.11	-0.11	-1.17e-03	5.93e-03	-0.11
		374	21.19	21.79	2.43	5.68	18.53	7.24	0.09	-0.08	-1.25e-03	6.44e-03	-0.08
		373	26.69	20.01	5.95	9.15	16.80	5.90	-0.51	-1.94	-0.51	-1.94	0.01
		371	24.43	16.19	5.49	8.07	13.61	4.58	-0.58	-2.13	-0.58	-2.13	-0.05
271	2	372	42.03	22.03	6.66	6.89	21.80	-1.87	3.28	-3.28	-7.44e-03	8.49e-03	-3.28
		374	46.97	28.81	8.97	9.04	28.74	-1.16	3.60	-3.60	-2.35e-03	9.52e-03	-3.60
		373	66.38	29.27	8.22	9.50	27.99	-5.03	-0.62	-8.68	-2.40	-6.90	-3.35
		371	64.53	23.20	4.55	5.98	21.77	-4.96	-1.37	-9.26	-2.91	-7.73	-3.13
271	3	372	8.52	7.51	1.57	2.14	6.94	1.75	0.28	-0.28	-9.00e-04	2.35e-03	-0.28
		374	10.24	9.27	1.86	2.62	8.51	2.25	0.29	-0.29	-5.02e-04	2.57e-03	-0.29
		373	13.25	8.42	3.21	3.72	7.92	1.54	-0.23	-1.09	-0.30	-1.01	-0.25
		371	12.35	6.78	2.77	3.12	6.42	1.14	-0.29	-1.20	-0.37	-1.13	-0.25
271	4	372	15.65	8.92	2.75	2.80	8.88	-0.52	1.22	-1.21	-2.76e-03	3.11e-03	-1.21
		374	17.56	11.54	3.61	3.62	11.53	-0.23	1.33	-1.33	-8.29e-04	3.49e-03	-1.33
		373	25.03	11.60	3.45	3.82	11.23	-1.70	-0.19	-3.15	-0.87	-2.48	-1.24
		371	24.25	9.26	2.08	2.50	8.84	-1.69	-0.47	-3.36	-1.06	-2.78	-1.16
272	1	374	21.17	21.77	2.42	5.67	18.52	7.24	0.08	-0.08	-1.13e-03	6.30e-03	-0.08
		376	25.27	26.39	2.99	6.88	22.49	8.71	0.05	-0.04	-1.90e-03	7.38e-03	-0.04
		375	29.31	24.47	6.51	10.22	20.75	7.27	-0.41	-1.69	-0.41	-1.68	0.08
		373	26.71	20.01	5.95	9.17	16.79	5.91	-0.51	-1.94	-0.51	-1.94	3.51e-03
272	2	374	46.79	28.77	8.95	9.02	28.70	-1.18	3.58	-3.58	-4.70e-03	6.64e-03	-3.58
		376	51.33	37.57	11.76	11.76	37.57	0.19	3.74	-3.73	-3.29e-03	0.01	-3.73
		375	69.15	36.85	12.87	13.74	35.97	-4.50	0.12	-7.93	-1.83	-5.98	-3.45
		373	66.58	29.25	8.25	9.53	27.97	-5.03	-0.57	-8.73	-2.40	-6.90	-3.41
272	3	374	10.22	9.26	1.85	2.62	8.50	2.25	0.29	-0.29	-6.94e-04	2.31e-03	-0.29
		376	12.14	11.41	2.25	3.22	10.44	2.81	0.29	-0.29	-7.12e-04	2.92e-03	-0.29
		375	14.35	10.45	3.71	4.37	9.79	2.00	-0.16	-0.94	-0.23	-0.87	-0.23



272	4	373	13.27	8.42	3.22	3.73	7.91	1.54	-0.22	-1.09	-0.30	-1.01	-0.25
		374	17.50	11.52	3.60	3.61	11.52	-0.24	1.33	-1.33	-1.75e-03	2.41e-03	-1.33
		376	19.87	14.92	4.65	4.66	14.91	0.29	1.38	-1.38	-1.12e-03	4.02e-03	-1.38
		375	26.16	14.54	5.17	5.41	14.30	-1.48	0.08	-2.87	-0.66	-2.14	-1.28
273	1	373	25.10	11.59	3.46	3.83	11.22	-1.70	-0.17	-3.17	-0.87	-2.48	-1.26
		376	25.23	26.36	2.97	6.87	22.46	8.72	0.04	-0.04	-1.83e-03	7.39e-03	-0.04
		378	29.98	31.72	3.98	8.36	27.34	10.12	0.01	-3.58e-03	-3.40e-03	0.01	-1.63e-03
		377	32.36	29.71	7.12	11.14	25.69	8.64	-0.28	-1.38	-0.31	-1.35	0.17
273	2	375	29.34	24.47	6.52	10.25	20.74	7.28	-0.41	-1.69	-0.41	-1.69	0.08
		376	51.09	37.49	11.72	11.72	37.49	0.18	3.71	-3.71	-4.14e-03	9.15e-03	-3.71
		378	60.52	49.03	15.08	15.23	48.89	2.23	3.72	-3.70	-0.01	0.03	-3.71
		377	72.92	46.68	18.17	18.53	46.32	-3.18	0.71	-6.90	-1.25	-4.94	-3.33
273	3	375	69.41	36.81	12.92	13.80	35.94	-4.50	0.16	-7.99	-1.83	-5.99	-3.51
		376	12.12	11.39	2.24	3.21	10.43	2.81	0.29	-0.29	-8.88e-04	2.81e-03	-0.29
		378	14.34	14.01	2.81	3.95	12.86	3.40	0.28	-0.27	-1.61e-03	5.02e-03	-0.27
		377	15.68	12.96	4.22	5.02	12.17	2.51	-0.10	-0.76	-0.16	-0.69	-0.20
273	4	375	14.38	10.44	3.72	4.38	9.78	2.00	-0.16	-0.95	-0.23	-0.87	-0.24
		376	19.78	14.89	4.64	4.65	14.88	0.28	1.37	-1.37	-1.57e-03	3.33e-03	-1.37
		378	23.41	19.33	5.90	5.99	19.24	1.06	1.38	-1.37	-4.05e-03	9.60e-03	-1.37
		377	27.70	18.37	7.12	7.21	18.28	-0.99	0.30	-2.50	-0.44	-1.76	-1.23
274	1	375	26.25	14.53	5.19	5.44	14.28	-1.48	0.10	-2.90	-0.66	-2.14	-1.30
		378	29.95	31.65	3.93	8.33	27.25	10.13	0.01	-6.29e-03	-6.14e-03	0.01	1.71e-03
		380	35.83	38.09	5.68	10.23	33.53	11.26	0.04	-0.01	-2.40e-03	0.03	0.02
		379	36.02	36.11	7.49	11.56	32.04	10.00	-0.10	-0.99	-0.20	-0.90	0.27
274	2	377	32.41	29.72	7.17	11.21	25.68	8.64	-0.28	-1.39	-0.31	-1.36	0.16
		378	60.11	48.82	15.00	15.14	48.68	2.23	3.69	-3.67	-0.02	0.04	-3.68
		380	72.49	64.32	19.16	19.65	63.83	4.68	3.69	-3.60	-0.02	0.10	-3.65
		379	77.58	60.15	23.07	23.09	60.13	-0.70	1.15	-5.39	-0.68	-3.55	-2.94
274	3	377	73.39	46.65	18.36	18.72	46.29	-3.19	0.72	-7.00	-1.27	-5.01	-3.38
		378	14.28	13.97	2.78	3.94	12.81	3.40	0.27	-0.27	-3.54e-03	6.89e-03	-0.27
		380	17.02	17.25	3.65	4.90	16.00	3.93	0.27	-0.25	-1.19e-03	0.01	-0.26
		379	17.32	16.18	4.58	5.49	15.27	3.11	-0.04	-0.51	-0.09	-0.46	-0.14
274	4	377	15.72	12.96	4.25	5.05	12.16	2.52	-0.10	-0.77	-0.16	-0.70	-0.20
		378	23.26	19.25	5.87	5.96	19.16	1.06	1.37	-1.36	-8.00e-03	0.02	-1.36
		380	28.01	25.20	7.46	7.69	24.98	1.98	1.36	-1.33	-5.32e-03	0.04	-1.35
		379	29.63	23.60	8.90	8.91	23.60	-0.06	0.46	-1.94	-0.23	-1.25	-1.09
275	1	377	27.87	18.35	7.19	7.28	18.27	-0.99	0.30	-2.53	-0.45	-1.78	-1.25
		380	35.47	37.70	5.54	10.13	33.10	11.25	0.03	-0.02	-0.02	0.03	0.01
		382	43.48	46.70	8.75	12.73	42.72	11.62	0.09	0.02	0.03	0.08	0.02
		381	42.98	44.66	6.13	10.22	40.57	11.87	0.32	-0.49	0.04	-0.21	0.39
275	2	379	36.12	36.23	7.77	11.82	32.19	9.94	-0.12	-1.01	-0.21	-0.91	0.27
		380	71.68	63.48	18.89	19.39	62.99	4.67	3.74	-3.64	-0.09	0.20	-3.68
		382	88.55	86.20	24.75	25.40	85.55	6.27	3.82	-3.34	0.15	0.34	-3.58
		381	83.27	79.77	23.89	24.22	79.43	4.32	2.12	-2.71	0.44	-1.03	-2.30
275	3	379	78.59	60.45	23.80	23.81	60.44	-0.78	0.99	-5.59	-0.85	-3.75	-2.95
		380	16.85	17.05	3.58	4.84	15.79	3.92	0.27	-0.26	-0.01	0.02	-0.27
		382	20.59	21.75	5.05	6.15	20.65	4.14	0.29	-0.22	0.02	0.05	-0.25
		381	19.66	20.59	4.07	5.14	19.52	4.06	0.08	-0.10	0.06	-0.09	-0.06
275	4	379	17.42	16.24	4.73	5.63	15.34	3.08	-0.06	-0.53	-0.10	-0.48	-0.14
		380	27.69	24.87	7.36	7.59	24.65	1.97	1.38	-1.34	-0.04	0.07	-1.36
		382	34.21	33.61	9.63	9.91	33.34	2.55	1.41	-1.23	0.06	0.12	-1.32
		381	32.10	31.18	9.14	9.29	31.03	1.83	0.82	-0.96	0.18	-0.33	-0.85
276	1	379	30.00	23.71	9.18	9.18	23.71	-0.09	0.40	-2.01	-0.29	-1.32	-1.09
		382	39.39	42.63	8.41	12.69	38.36	11.31	0.03	-0.08	-0.04	-8.85e-03	-0.05
		93	66.69	70.01	14.12	16.17	67.96	10.51	0.60	-0.09	0.19	0.32	0.34
		127	62.73	55.05	-5.41	2.55	47.10	20.44	1.61	0.32	1.24	0.69	0.59
276	2	381	44.70	46.94	7.91	10.90	43.94	10.39	0.29	-0.44	-0.04	-0.11	0.36
		382	84.19	77.56	24.62	25.24	76.93	5.73	4.01	-3.94	-0.10	0.18	-3.98
		93	132.92	139.41	32.47	32.72	139.16	5.17	2.71	-0.31	0.97	1.43	-1.49
		127	112.89	101.45	5.58	11.90	95.13	23.79	7.52	2.27	7.26	2.53	-1.15
276	3	381	86.19	86.34	25.79	25.82	86.31	1.34	1.95	-3.14	-0.32	-0.87	-2.53
		382	19.20	19.75	4.95	6.13	18.57	4.00	0.29	-0.31	-0.03	-1.79e-04	-0.30
		93	31.51	33.50	7.31	7.84	32.98	3.66	0.22	0.13	0.13	0.22	-9.27e-03
		127	27.34	25.76	-1.16	1.71	22.88	8.31	0.90	0.39	0.88	0.40	0.09
276	4	381	20.31	21.82	4.79	5.48	21.13	3.35	0.06	-0.10	-4.41e-03	-0.04	-0.08
		382	32.46	30.27	9.58	9.85	30.00	2.34	1.47	-1.46	-0.04	0.05	-1.46
		93	51.59	54.18	12.63	12.74	54.08	2.08	1.01	-0.11	0.36	0.55	-0.55
		127	43.60	39.58	2.01	4.48	37.11	9.30	2.76	0.85	2.66	0.95	-0.42
277	1	381	33.21	33.70	9.88	9.90	33.68	0.67	0.76	-1.12	-0.09	-0.26	-0.94
		35	13.53	12.59	-0.31	0.13	12.16	-2.34	0.79	0.37	0.75	0.41	0.12
		345	12.16	10.79	0.66	0.97	10.48	-1.75	-0.24	-0.40	-0.27	-0.37	0.06
		383	10.94	10.31	0.47	0.95	9.83	-2.12	-0.05	-0.71	-0.37	-0.39	-0.33
277	2	10	12.63	11.61	-0.22	0.80	10.60	-3.32	0.53	0.04	0.44	0.12	-0.18
		35	103.82	79.82	4.41	4.48	79.75	2.24	8.84	-1.36	4.39	3.09	5.06
		345	75.61	61.78	4.15	5.57	60.36	8.93	1.97	-5.83	-1.80	-2.06	3.90
		383	62.84	56.01	7.21	8.89	54.33	8.91	-0.03	-5.69	-3.07	-2.64	2.82
		10	78.23	61.14	4.27	4.54	60.87	-3.89	4.45	-1.71	3.05	-0.32	2.58



277	3	35	12.78	11.70	0.39	0.44	11.65	-0.75	0.86	-1.26e-03	0.50	0.35	0.42
		345	10.31	9.37	0.92	0.92	9.37	0.07	0.11	-0.52	-0.19	-0.22	0.32
		383	9.51	8.59	1.07	1.08	8.59	-0.16	-0.20	-0.46	-0.34	-0.32	0.13
		10	11.05	9.78	0.32	0.63	9.47	-1.68	0.39	-0.04	0.34	0.01	0.14
277	4	35	40.10	31.69	1.71	1.73	31.68	0.61	3.27	-0.54	1.58	1.15	1.89
		345	29.24	24.62	1.81	2.28	24.15	3.24	0.77	-2.14	-0.64	-0.72	1.45
		383	24.93	22.28	2.92	3.43	21.77	3.11	3.47e-03	-2.13	-1.14	-0.99	1.07
		10	30.80	24.51	1.59	1.74	24.36	-1.85	1.63	-0.64	1.11	-0.12	0.96
278	1	345	12.57	10.75	0.96	1.26	10.44	-1.70	-0.23	-0.48	-0.26	-0.45	0.08
		347	13.14	8.88	1.36	1.70	8.53	-1.58	-0.37	-0.95	-0.38	-0.94	0.07
		384	11.29	9.05	0.26	0.67	8.64	-1.84	-0.19	-0.77	-0.34	-0.62	-0.26
		383	10.70	10.19	0.10	0.57	9.72	-2.12	0.17	-0.46	-0.06	-0.23	-0.31
278	2	345	76.80	62.27	7.64	9.01	60.90	8.55	1.55	-6.88	-2.19	-3.13	4.19
		347	72.37	46.31	5.68	8.77	43.22	10.77	0.63	-8.43	-2.30	-5.49	4.24
		384	69.86	47.45	-3.34	0.66	43.45	13.68	1.28	-5.03	-2.14	-1.61	3.14
		383	65.21	53.89	1.93	3.79	52.03	9.65	2.76	-2.88	0.35	-0.48	2.79
278	3	345	10.82	9.39	1.29	1.29	9.39	0.06	0.07	-0.62	-0.22	-0.32	0.34
		347	10.21	7.19	1.46	1.47	7.17	0.30	-0.06	-0.83	-0.26	-0.62	0.34
		384	8.39	7.22	0.42	0.44	7.20	0.37	-0.13	-0.47	-0.27	-0.33	0.17
		383	8.95	8.37	0.56	0.56	8.37	-0.11	0.08	-0.21	-6.21e-03	-0.12	0.13
278	4	345	29.84	24.79	3.13	3.59	24.34	3.10	0.61	-2.52	-0.80	-1.11	1.56
		347	27.76	18.50	2.52	3.57	17.45	3.96	0.27	-3.08	-0.83	-1.97	1.58
		384	26.51	18.86	-0.90	0.44	17.52	4.97	0.47	-1.89	-0.80	-0.62	1.17
		383	25.13	21.47	0.94	1.52	20.90	3.38	1.02	-1.10	0.12	-0.19	1.05
279	1	347	13.22	8.95	1.33	1.69	8.60	-1.61	-0.40	-0.96	-0.41	-0.94	0.09
		349	13.56	7.72	1.36	1.82	7.26	-1.65	-0.45	-1.26	-0.46	-1.26	0.06
		385	12.50	7.90	0.38	0.90	7.38	-1.90	-0.38	-1.17	-0.46	-1.09	-0.25
		384	11.28	8.96	0.24	0.65	8.55	-1.84	-0.11	-0.76	-0.26	-0.61	-0.27
279	2	347	73.79	46.91	5.84	8.73	44.03	10.50	0.34	-8.79	-2.82	-5.63	4.34
		349	69.77	36.23	2.66	6.21	32.67	10.34	-0.37	-9.37	-2.85	-6.89	4.02
		385	61.24	38.47	-6.83	-2.29	33.93	13.60	0.06	-5.87	-2.62	-3.19	2.95
		384	66.21	46.62	-3.58	0.39	42.66	13.55	1.76	-4.14	-1.07	-1.31	2.95
279	3	347	10.35	7.27	1.45	1.46	7.26	0.26	-0.08	-0.86	-0.31	-0.63	0.35
		349	9.90	5.80	1.32	1.33	5.79	0.24	-0.17	-0.97	-0.33	-0.81	0.32
		385	8.49	5.93	0.31	0.34	5.91	0.39	-0.27	-0.65	-0.34	-0.58	0.15
		384	8.33	7.12	0.40	0.42	7.10	0.36	-0.07	-0.40	-0.17	-0.30	0.15
279	4	347	28.29	18.74	2.57	3.55	17.76	3.85	0.16	-3.21	-1.02	-2.02	1.61
		349	26.55	14.53	1.42	2.63	13.32	3.80	-0.10	-3.42	-1.04	-2.49	1.49
		385	23.01	15.33	-2.16	-0.60	13.77	4.99	0.01	-2.19	-0.98	-1.20	1.10
		384	25.17	18.54	-0.99	0.34	17.21	4.92	0.64	-1.56	-0.41	-0.51	1.10
280	1	349	13.59	7.74	1.35	1.82	7.28	-1.66	-0.47	-1.26	-0.48	-1.25	0.07
		351	13.88	6.88	1.34	1.92	6.31	-1.68	-0.53	-1.50	-0.53	-1.50	0.02
		386	13.96	7.05	0.55	1.24	6.36	-2.00	-0.53	-1.62	-0.60	-1.56	-0.26
		385	12.50	7.87	0.38	0.89	7.36	-1.89	-0.34	-1.18	-0.44	-1.09	-0.26
280	2	349	70.21	36.37	2.73	6.21	32.89	10.25	-0.48	-9.53	-3.08	-6.93	4.09
		351	66.90	28.31	0.05	3.52	24.85	9.27	-1.41	-9.80	-3.33	-7.87	3.53
		386	53.66	30.92	-9.00	-4.83	26.75	12.20	-1.42	-6.88	-3.34	-4.95	2.61
		385	59.44	38.33	-6.94	-2.41	33.79	13.59	0.17	-5.57	-2.27	-3.13	2.84
280	3	349	9.94	5.83	1.31	1.33	5.82	0.23	-0.18	-0.98	-0.35	-0.82	0.33
		351	9.61	4.77	1.14	1.15	4.76	0.16	-0.28	-1.06	-0.38	-0.96	0.27
		386	8.92	4.92	0.26	0.28	4.90	0.28	-0.40	-0.88	-0.43	-0.84	0.12
		385	8.49	5.92	0.30	0.33	5.89	0.39	-0.25	-0.63	-0.31	-0.57	0.14
280	4	349	26.72	14.59	1.44	2.63	13.40	3.76	-0.14	-3.48	-1.12	-2.50	1.52
		351	25.33	11.43	0.44	1.62	10.25	3.40	-0.49	-3.57	-1.21	-2.84	1.31
		386	19.94	12.39	-2.97	-1.52	10.95	4.49	-0.53	-2.56	-1.24	-1.85	0.97
		385	22.35	15.28	-2.20	-0.65	13.72	4.98	0.06	-2.08	-0.85	-1.18	1.06
281	1	351	13.91	6.89	1.34	1.91	6.31	-1.69	-0.54	-1.50	-0.54	-1.50	0.03
		353	14.26	6.27	1.44	2.07	5.63	-1.63	-0.59	-1.72	-0.59	-1.72	-0.02
		387	15.44	6.46	0.79	1.67	5.58	-2.05	-0.66	-2.05	-0.72	-1.99	-0.27
		386	13.95	7.04	0.55	1.23	6.35	-1.99	-0.52	-1.63	-0.59	-1.56	-0.27
281	2	351	67.17	28.37	0.11	3.54	24.94	9.23	-1.42	-9.88	-3.42	-7.88	3.59
		353	64.66	22.05	-1.71	1.27	19.07	7.87	-2.36	-9.98	-3.71	-8.63	2.92
		387	53.85	24.64	-10.30	-6.99	21.33	10.22	-2.73	-7.72	-3.99	-6.45	2.18
		386	52.79	30.89	-9.08	-4.91	26.73	12.22	-1.39	-6.76	-3.21	-4.93	2.54
281	3	351	9.64	4.78	1.14	1.15	4.77	0.15	-0.28	-1.07	-0.39	-0.96	0.28
		353	9.43	4.00	1.01	1.01	4.00	0.08	-0.37	-1.14	-0.43	-1.08	0.21
		387	9.43	4.14	0.25	0.26	4.14	0.13	-0.50	-1.09	-0.51	-1.08	0.08
		386	8.92	4.92	0.25	0.27	4.90	0.28	-0.39	-0.87	-0.42	-0.84	0.11
281	4	351	25.43	11.46	0.46	1.63	10.29	3.39	-0.49	-3.60	-1.25	-2.85	1.33
		353	24.37	9.00	-0.24	0.78	7.98	2.89	-0.84	-3.63	-1.35	-3.12	1.08
		387	20.81	9.96	-3.47	-2.31	8.81	3.77	-1.01	-2.87	-1.48	-2.40	0.81
		386	19.89	12.38	-3.00	-1.55	10.94	4.49	-0.52	-2.52	-1.20	-1.84	0.95
282	1	353	14.28	6.27	1.43	2.07	5.64	-1.63	-0.60	-1.72	-0.60	-1.72	-9.04e-03
		355	14.74	5.84	1.70	2.32	5.23	-1.47	-0.64	-1.91	-0.64	-1.91	-0.06
		388	16.90	6.09	1.16	2.21	5.04	-2.02	-0.77	-2.42	-0.82	-2.37	-0.28
		387	15.44	6.46	0.79	1.67	5.58	-2.05	-0.65	-2.05	-0.71	-1.99	-0.28
282	2	353	64.86	22.08	-1.67	1.29	19.11	7.85	-2.34	-10.04	-3.74	-8.63	2.97



		355	63.00	17.10	-2.66	-0.42	14.86	6.27	-3.17	-10.03	-3.99	-9.21	2.22
		388	56.28	19.58	-10.89	-8.65	17.34	7.95	-3.77	-8.35	-4.51	-7.62	1.68
		387	53.84	24.64	-10.36	-7.05	21.33	10.24	-2.73	-7.67	-3.95	-6.45	2.13
282	3	353	9.45	4.01	1.01	1.01	4.01	0.08	-0.37	-1.14	-0.43	-1.08	0.22
		355	9.35	3.47	0.95	0.95	3.47	0.02	-0.43	-1.20	-0.46	-1.17	0.15
		388	9.92	3.58	0.30	0.30	3.58	-9.94e-03	-0.58	-1.28	-0.58	-1.28	0.04
		387	9.42	4.14	0.25	0.25	4.14	0.14	-0.50	-1.09	-0.51	-1.08	0.08
282	4	353	24.44	9.01	-0.23	0.78	8.00	2.88	-0.83	-3.65	-1.36	-3.12	1.10
		355	23.65	7.09	-0.64	0.13	6.32	2.31	-1.15	-3.65	-1.46	-3.34	0.82
		388	21.59	8.01	-3.71	-2.92	7.22	2.94	-1.40	-3.10	-1.67	-2.83	0.63
		387	20.81	9.96	-3.49	-2.33	8.80	3.78	-1.02	-2.85	-1.47	-2.40	0.79
283	1	355	14.75	5.84	1.70	2.32	5.23	-1.47	-0.64	-1.91	-0.65	-1.91	-0.05
		357	15.33	5.57	2.17	2.66	5.08	-1.20	-0.68	-2.08	-0.68	-2.07	-0.09
		389	18.30	5.91	1.70	2.86	4.76	-1.88	-0.85	-2.74	-0.89	-2.70	-0.28
		388	16.90	6.09	1.16	2.21	5.04	-2.02	-0.76	-2.42	-0.81	-2.37	-0.28
283	2	355	63.14	17.12	-2.64	-0.41	14.88	6.25	-3.14	-10.07	-4.00	-9.21	2.28
		357	61.81	13.34	-2.94	-1.55	11.95	4.55	-3.79	-9.99	-4.17	-9.61	1.48
		389	57.93	15.74	-10.93	-9.73	14.54	5.53	-4.51	-8.76	-4.85	-8.42	1.15
		388	56.26	19.58	-10.92	-8.68	17.34	7.97	-3.78	-8.32	-4.49	-7.61	1.65
283	3	355	9.36	3.47	0.95	0.95	3.47	0.02	-0.43	-1.21	-0.47	-1.17	0.15
		357	9.36	3.14	0.95	0.95	3.14	-8.71e-03	-0.48	-1.26	-0.49	-1.25	0.08
		389	10.36	3.22	0.40	0.41	3.21	-0.13	-0.63	-1.43	-0.63	-1.43	4.73e-03
		388	9.92	3.58	0.29	0.29	3.58	-7.78e-03	-0.58	-1.28	-0.58	-1.28	0.04
283	4	355	23.70	7.10	-0.62	0.14	6.33	2.31	-1.14	-3.66	-1.46	-3.34	0.84
		357	23.13	5.65	-0.78	-0.30	5.17	1.69	-1.38	-3.63	-1.52	-3.48	0.55
		389	22.12	6.54	-3.75	-3.32	6.11	2.06	-1.67	-3.25	-1.80	-3.13	0.43
		388	21.59	8.02	-3.73	-2.93	7.22	2.95	-1.40	-3.09	-1.67	-2.83	0.61
284	1	357	15.34	5.57	2.17	2.66	5.08	-1.20	-0.68	-2.07	-0.68	-2.07	-0.08
		359	16.05	5.48	2.85	3.12	5.22	-0.79	-0.70	-2.21	-0.71	-2.20	-0.11
		390	19.62	5.89	2.48	3.63	4.73	-1.62	-0.91	-3.00	-0.94	-2.97	-0.26
		389	18.30	5.91	1.71	2.86	4.76	-1.88	-0.85	-2.74	-0.89	-2.70	-0.28
284	2	357	61.89	13.35	-2.92	-1.54	11.97	4.53	-3.77	-10.02	-4.17	-9.61	1.54
		359	61.03	10.79	-2.73	-2.13	10.19	2.77	-4.16	-9.93	-4.26	-9.84	0.72
		390	58.66	13.19	-10.59	-10.19	12.80	3.04	-4.93	-8.96	-5.02	-8.87	0.60
		389	57.92	15.75	-10.95	-9.74	14.54	5.54	-4.52	-8.74	-4.84	-8.42	1.12
284	3	357	9.37	3.14	0.95	0.95	3.14	-0.01	-0.48	-1.26	-0.49	-1.25	0.09
		359	9.46	2.99	1.04	1.04	2.99	-1.73e-03	-0.50	-1.30	-0.50	-1.30	0.02
		390	10.74	3.04	0.58	0.60	3.02	-0.22	-0.65	-1.54	-0.65	-1.54	-0.03
		389	10.36	3.21	0.40	0.41	3.21	-0.13	-0.63	-1.43	-0.63	-1.43	3.97e-04
284	4	357	23.16	5.66	-0.77	-0.29	5.18	1.69	-1.37	-3.64	-1.52	-3.48	0.57
		359	22.79	4.68	-0.73	-0.52	4.47	1.05	-1.52	-3.60	-1.55	-3.57	0.27
		390	22.33	5.56	-3.64	-3.49	5.41	1.16	-1.83	-3.32	-1.86	-3.29	0.22
		389	22.12	6.54	-3.76	-3.33	6.11	2.07	-1.68	-3.25	-1.80	-3.13	0.41
285	1	359	16.05	5.48	2.85	3.12	5.22	-0.79	-0.70	-2.21	-0.71	-2.20	-0.11
		361	16.92	5.69	3.65	3.68	5.65	-0.25	-0.72	-2.31	-0.73	-2.29	-0.13
		391	20.85	6.00	3.52	4.53	4.99	-1.22	-0.95	-3.19	-0.97	-3.17	-0.24
		390	19.62	5.89	2.48	3.64	4.73	-1.61	-0.91	-3.00	-0.94	-2.97	-0.27
285	2	359	61.06	10.79	-2.72	-2.13	10.20	2.76	-4.15	-9.94	-4.26	-9.84	0.77
		361	60.63	9.57	-2.26	-2.18	9.49	1.01	-4.25	-9.88	-4.25	-9.88	-0.04
		391	58.39	12.05	-10.05	-10.03	12.03	0.57	-5.01	-8.96	-5.01	-8.96	0.04
		390	58.65	13.20	-10.59	-10.20	12.80	3.05	-4.94	-8.95	-5.02	-8.87	0.56
285	3	359	9.46	2.99	1.03	1.03	2.99	-3.15e-03	-0.50	-1.30	-0.50	-1.30	0.03
		361	9.66	3.04	1.19	1.19	3.04	0.05	-0.51	-1.34	-0.51	-1.33	-0.04
		391	11.05	3.04	0.85	0.88	3.00	-0.27	-0.66	-1.61	-0.66	-1.61	-0.07
		390	10.75	3.04	0.58	0.60	3.02	-0.22	-0.65	-1.54	-0.65	-1.54	-0.04
285	4	359	22.80	4.68	-0.73	-0.52	4.47	1.05	-1.51	-3.61	-1.55	-3.57	0.29
		361	22.62	4.21	-0.58	-0.54	4.17	0.42	-1.55	-3.58	-1.55	-3.58	-0.02
		391	22.19	5.10	-3.44	-3.44	5.09	0.26	-1.86	-3.32	-1.86	-3.32	0.02
		390	22.33	5.56	-3.65	-3.50	5.41	1.16	-1.83	-3.32	-1.86	-3.29	0.21
286	1	361	16.92	5.68	3.65	3.68	5.65	-0.26	-0.72	-2.30	-0.73	-2.29	-0.12
		363	17.97	6.50	4.27	4.36	6.41	0.43	-0.72	-2.36	-0.73	-2.35	-0.14
		392	21.99	6.23	4.88	5.54	5.57	-0.67	-0.96	-3.31	-0.97	-3.29	-0.19
		391	20.85	6.00	3.53	4.54	4.99	-1.22	-0.95	-3.19	-0.97	-3.17	-0.24
286	2	361	60.61	9.57	-2.27	-2.18	9.49	1.00	-4.25	-9.88	-4.25	-9.88	0.01
		363	60.59	9.84	-1.72	-1.68	9.80	-0.66	-4.05	-9.87	-4.16	-9.76	-0.79
		392	57.12	12.36	-9.38	-9.23	12.20	-1.83	-4.77	-8.75	-4.83	-8.69	-0.50
		391	58.39	12.05	-10.04	-10.02	12.04	0.58	-5.01	-8.95	-5.01	-8.95	7.89e-03
286	3	361	9.66	3.04	1.19	1.19	3.03	0.05	-0.51	-1.34	-0.51	-1.33	-0.04
		363	9.96	3.28	1.42	1.43	3.27	0.15	-0.49	-1.35	-0.50	-1.34	-0.10
		392	11.27	3.21	1.20	1.24	3.17	-0.27	-0.64	-1.63	-0.65	-1.62	-0.09
		391	11.05	3.04	0.85	0.88	3.00	-0.27	-0.66	-1.61	-0.66	-1.61	-0.07
286	4	361	22.61	4.21	-0.58	-0.54	4.17	0.42	-1.55	-3.58	-1.55	-3.58	2.98e-03
		363	22.60	4.28	-0.37	-0.36	4.27	-0.17	-1.48	-3.58	-1.52	-3.54	-0.29
		392	21.71	5.18	-3.18	-3.14	5.14	-0.61	-1.77	-3.24	-1.79	-3.22	-0.18
		391	22.19	5.10	-3.44	-3.43	5.09	0.27	-1.86	-3.32	-1.86	-3.32	3.10e-03
287	1	363	17.96	6.49	4.27	4.35	6.41	0.42	-0.72	-2.36	-0.73	-2.35	-0.13
		365	19.21	8.08	4.61	5.14	7.54	1.25	-0.71	-2.38	-0.72	-2.37	-0.14



		393	23.03	6.67	6.51	6.66	6.51	0.03	-0.94	-3.34	-0.95	-3.33	-0.13
		392	21.99	6.23	4.89	5.55	5.57	-0.67	-0.96	-3.31	-0.97	-3.29	-0.20
287	2	363	60.52	9.83	-1.74	-1.70	9.79	-0.67	-4.07	-9.85	-4.16	-9.76	-0.73
		365	60.92	11.52	-1.03	-0.64	11.13	-2.17	-3.60	-9.84	-3.98	-9.47	-1.48
		393	54.90	14.08	-8.52	-7.75	13.31	-4.10	-4.22	-8.34	-4.48	-8.08	-1.00
		392	57.13	12.36	-9.36	-9.20	12.21	-1.82	-4.76	-8.76	-4.83	-8.69	-0.53
287	3	363	9.95	3.28	1.41	1.43	3.27	0.15	-0.49	-1.35	-0.50	-1.34	-0.09
		365	10.37	3.75	1.69	1.74	3.71	0.30	-0.46	-1.35	-0.48	-1.32	-0.15
		393	11.42	3.56	1.66	1.68	3.54	-0.21	-0.60	-1.60	-0.61	-1.59	-0.11
		392	11.27	3.21	1.21	1.24	3.17	-0.26	-0.64	-1.63	-0.65	-1.62	-0.10
287	4	363	22.57	4.28	-0.37	-0.37	4.27	-0.18	-1.48	-3.57	-1.52	-3.54	-0.27
		365	22.74	4.88	-0.08	0.02	4.77	-0.71	-1.31	-3.57	-1.45	-3.43	-0.55
		393	20.89	5.80	-2.84	-2.59	5.55	-1.43	-1.56	-3.09	-1.66	-3.00	-0.37
		392	21.71	5.19	-3.17	-3.13	5.14	-0.60	-1.76	-3.25	-1.79	-3.22	-0.20
288	1	365	19.19	8.07	4.60	5.14	7.53	1.25	-0.71	-2.38	-0.72	-2.37	-0.13
		367	20.68	10.25	4.85	6.02	9.08	2.23	-0.68	-2.34	-0.69	-2.33	-0.12
		394	23.97	8.76	6.96	7.86	7.85	0.90	-0.89	-3.29	-0.89	-3.28	-0.06
		393	23.03	6.68	6.50	6.67	6.51	0.03	-0.94	-3.34	-0.95	-3.34	-0.14
288	2	365	60.80	11.51	-1.06	-0.66	11.12	-2.19	-3.63	-9.82	-3.98	-9.46	-1.43
		367	61.61	14.40	0.08	0.96	13.51	-3.45	-2.97	-9.76	-3.71	-9.02	-2.12
		394	51.85	17.06	-7.27	-5.59	15.38	-6.17	-3.39	-7.71	-3.95	-7.15	-1.46
		393	54.92	14.08	-8.49	-7.72	13.32	-4.09	-4.20	-8.36	-4.48	-8.08	-1.04
288	3	365	10.36	3.75	1.69	1.73	3.70	0.30	-0.46	-1.35	-0.48	-1.32	-0.15
		367	10.89	4.48	2.01	2.12	4.36	0.52	-0.41	-1.32	-0.46	-1.28	-0.19
		394	11.49	4.12	2.19	2.20	4.12	-0.08	-0.54	-1.52	-0.56	-1.51	-0.13
		393	11.42	3.56	1.66	1.68	3.54	-0.20	-0.60	-1.60	-0.61	-1.59	-0.12
288	4	365	22.70	4.87	-0.09	0.02	4.77	-0.72	-1.32	-3.56	-1.45	-3.43	-0.53
		367	23.03	5.93	0.37	0.62	5.68	-1.17	-1.07	-3.54	-1.35	-3.26	-0.78
		394	19.79	6.89	-2.34	-1.79	6.34	-2.18	-1.25	-2.86	-1.46	-2.65	-0.54
		393	20.90	5.80	-2.82	-2.58	5.56	-1.42	-1.56	-3.10	-1.66	-3.00	-0.39
289	1	367	20.65	10.24	4.85	6.02	9.07	2.22	-0.68	-2.34	-0.69	-2.33	-0.11
		369	22.39	12.96	5.13	7.00	11.09	3.34	-0.64	-2.26	-0.65	-2.25	-0.09
		395	24.83	11.36	7.43	9.12	9.67	1.95	-0.80	-3.13	-0.80	-3.13	0.04
		394	23.98	8.77	6.96	7.87	7.85	0.90	-0.89	-3.29	-0.89	-3.28	-0.06
289	2	367	61.44	14.39	0.04	0.93	13.49	-3.47	-3.00	-9.72	-3.71	-9.01	-2.06
		369	62.68	18.31	1.88	3.17	17.02	-4.42	-2.22	-9.56	-3.36	-8.42	-2.66
		395	48.12	21.13	-5.38	-2.72	18.48	-7.96	-2.32	-6.85	-3.26	-5.91	-1.84
		394	51.87	17.06	-7.22	-5.55	15.39	-6.15	-3.36	-7.73	-3.95	-7.15	-1.49
289	3	367	10.88	4.47	2.01	2.12	4.36	0.51	-0.42	-1.32	-0.46	-1.28	-0.19
		369	11.54	5.48	2.37	2.58	5.26	0.79	-0.36	-1.27	-0.42	-1.21	-0.22
		395	11.52	4.93	2.78	2.78	4.93	0.11	-0.46	-1.39	-0.48	-1.37	-0.13
		394	11.50	4.12	2.20	2.20	4.12	-0.08	-0.54	-1.52	-0.56	-1.51	-0.13
289	4	367	22.97	5.93	0.35	0.61	5.67	-1.17	-1.08	-3.53	-1.35	-3.26	-0.77
		369	23.49	7.40	1.07	1.45	7.02	-1.50	-0.79	-3.47	-1.22	-3.04	-0.98
		395	18.46	8.41	-1.60	-0.72	7.54	-2.82	-0.86	-2.54	-1.21	-2.19	-0.68
		394	19.80	6.89	-2.32	-1.77	6.35	-2.17	-1.25	-2.87	-1.46	-2.65	-0.55
290	1	369	22.36	12.95	5.13	7.00	11.08	3.33	-0.64	-2.26	-0.65	-2.25	-0.08
		371	24.38	16.20	5.48	8.04	13.64	4.57	-0.59	-2.12	-0.59	-2.12	-0.05
		396	25.64	14.48	7.92	10.36	12.04	3.17	-0.67	-2.88	-0.68	-2.87	0.15
		395	24.84	11.37	7.42	9.13	9.67	1.96	-0.80	-3.13	-0.80	-3.13	0.03
290	2	369	62.47	18.29	1.83	3.13	16.99	-4.44	-2.26	-9.52	-3.36	-8.42	-2.60
		371	64.20	23.23	4.57	6.01	21.78	-4.99	-1.41	-9.21	-2.92	-7.70	-3.08
		396	43.98	26.21	-2.59	0.90	22.71	-9.40	-1.05	-5.76	-2.40	-4.41	-2.13
		395	48.15	21.14	-5.31	-2.66	18.49	-7.94	-2.29	-6.88	-3.26	-5.91	-1.87
290	3	369	11.51	5.47	2.36	2.58	5.26	0.79	-0.36	-1.27	-0.42	-1.21	-0.22
		371	12.32	6.79	2.76	3.11	6.43	1.14	-0.29	-1.19	-0.37	-1.12	-0.24
		396	11.52	6.06	3.37	3.42	6.01	0.38	-0.36	-1.20	-0.38	-1.18	-0.11
		395	11.52	4.94	2.79	2.79	4.93	0.12	-0.46	-1.39	-0.48	-1.37	-0.13
290	4	369	23.41	7.39	1.05	1.43	7.01	-1.51	-0.80	-3.46	-1.22	-3.04	-0.97
		371	24.13	9.27	2.09	2.51	8.85	-1.70	-0.49	-3.34	-1.06	-2.77	-1.14
		396	17.00	10.32	-0.53	0.62	9.17	-3.34	-0.39	-2.14	-0.89	-1.64	-0.79
		395	18.47	8.41	-1.57	-0.70	7.54	-2.82	-0.85	-2.55	-1.21	-2.19	-0.69
291	1	371	24.34	16.19	5.48	8.04	13.62	4.57	-0.59	-2.12	-0.59	-2.12	-0.04
		373	26.68	20.03	5.92	9.11	16.84	5.91	-0.51	-1.92	-0.51	-1.92	4.88e-03
		397	26.47	18.21	8.36	11.51	15.06	4.59	-0.48	-2.53	-0.52	-2.49	0.28
		396	25.66	14.51	7.91	10.38	12.04	3.19	-0.67	-2.88	-0.68	-2.87	0.15
291	2	371	63.94	23.20	4.50	5.96	21.74	-5.01	-1.45	-9.16	-2.92	-7.70	-3.03
		373	66.27	29.30	8.24	9.54	28.00	-5.06	-0.61	-8.67	-2.41	-6.88	-3.35
		397	44.11	32.24	1.29	5.28	28.24	-10.38	0.36	-4.42	-1.38	-2.68	-2.30
		396	44.02	26.22	-2.50	0.98	22.73	-9.37	-1.02	-5.79	-2.40	-4.41	-2.16
291	3	371	12.29	6.78	2.76	3.11	6.43	1.13	-0.30	-1.19	-0.37	-1.12	-0.24
		373	13.24	8.43	3.20	3.71	7.93	1.54	-0.23	-1.08	-0.31	-1.00	-0.25
		397	11.56	7.56	3.93	4.09	7.40	0.75	-0.25	-0.95	-0.26	-0.94	-0.09
		396	11.53	6.07	3.38	3.43	6.01	0.39	-0.36	-1.20	-0.38	-1.18	-0.12
291	4	371	24.03	9.26	2.07	2.50	8.83	-1.71	-0.50	-3.33	-1.06	-2.77	-1.12
		373	24.99	11.61	3.46	3.84	11.24	-1.71	-0.19	-3.15	-0.87	-2.47	-1.24
		397	16.31	12.62	0.93	2.25	11.31	-3.69	0.13	-1.64	-0.51	-1.00	-0.85



		396	17.02	10.33	-0.50	0.65	9.18	-3.33	-0.38	-2.15	-0.89	-1.64	-0.80
292	1	373	26.63	20.00	5.92	9.11	16.81	5.89	-0.51	-1.93	-0.51	-1.93	0.01
		375	29.35	24.51	6.44	10.14	20.81	7.29	-0.41	-1.68	-0.41	-1.67	0.08
		398	27.45	22.65	8.65	12.43	18.86	6.22	-0.22	-2.10	-0.32	-2.00	0.43
		397	26.50	18.25	8.36	11.53	15.07	4.62	-0.48	-2.53	-0.52	-2.49	0.28
292	2	373	65.97	29.25	8.16	9.48	27.93	-5.10	-0.65	-8.62	-2.40	-6.87	-3.30
		375	69.16	36.89	12.87	13.74	36.01	-4.51	0.11	-7.93	-1.84	-5.97	-3.45
		398	50.63	39.26	6.45	10.42	35.30	-10.70	1.84	-2.86	-0.21	-0.80	-2.33
		397	44.45	32.26	1.41	5.38	28.29	-10.33	0.39	-4.47	-1.40	-2.68	-2.34
292	3	373	13.21	8.41	3.20	3.70	7.91	1.53	-0.23	-1.08	-0.30	-1.00	-0.24
		375	14.36	10.47	3.69	4.34	9.81	2.01	-0.16	-0.94	-0.24	-0.86	-0.23
		398	11.71	9.48	4.43	4.74	9.16	1.22	-0.11	-0.66	-0.11	-0.66	-0.05
		397	11.57	7.57	3.94	4.11	7.41	0.76	-0.25	-0.95	-0.26	-0.94	-0.09
292	4	373	24.87	11.59	3.43	3.81	11.21	-1.72	-0.20	-3.13	-0.86	-2.47	-1.22
		375	26.16	14.56	5.17	5.41	14.31	-1.49	0.08	-2.87	-0.66	-2.14	-1.28
		398	18.97	15.32	2.86	4.15	14.03	-3.79	0.68	-1.07	-0.08	-0.30	-0.87
		397	16.44	12.63	0.98	2.28	11.32	-3.67	0.14	-1.66	-0.52	-1.00	-0.87
293	1	375	29.27	24.45	6.46	10.15	20.76	7.26	-0.41	-1.68	-0.41	-1.67	0.08
		377	32.48	29.81	6.97	10.99	25.80	8.70	-0.28	-1.38	-0.31	-1.35	0.17
		399	28.83	27.96	8.53	12.92	23.56	8.13	0.14	-1.63	-0.09	-1.39	0.60
		398	27.50	22.72	8.64	12.46	18.90	6.26	-0.22	-2.09	-0.32	-1.99	0.43
293	2	375	68.79	36.79	12.78	13.69	35.88	-4.59	0.10	-7.87	-1.80	-5.97	-3.40
		377	73.22	46.75	18.15	18.48	46.41	-3.10	0.66	-6.92	-1.27	-5.00	-3.30
		399	59.45	47.31	13.07	16.26	44.11	-9.95	3.28	-1.08	1.09	1.11	-2.18
		398	51.03	39.31	6.62	10.54	35.39	-10.63	1.86	-2.93	-0.27	-0.80	-2.38
293	3	375	14.31	10.44	3.69	4.34	9.79	1.99	-0.16	-0.94	-0.23	-0.86	-0.23
		377	15.74	13.01	4.16	4.96	12.21	2.54	-0.10	-0.76	-0.16	-0.70	-0.19
		399	12.12	11.88	4.78	5.31	11.35	1.86	0.05	-0.34	0.05	-0.34	0.01
		398	11.73	9.51	4.44	4.76	9.18	1.24	-0.11	-0.66	-0.12	-0.66	-0.05
293	4	375	26.03	14.52	5.14	5.39	14.27	-1.52	0.07	-2.85	-0.64	-2.14	-1.26
		377	27.81	18.40	7.10	7.18	18.32	-0.96	0.28	-2.50	-0.45	-1.78	-1.22
		399	22.51	18.45	5.30	6.30	17.44	-3.49	1.21	-0.41	0.40	0.40	-0.81
		398	19.12	15.34	2.92	4.19	14.07	-3.76	0.69	-1.09	-0.10	-0.30	-0.88
294	1	377	32.35	29.66	7.03	11.02	25.68	8.62	-0.29	-1.38	-0.31	-1.36	0.17
		379	36.34	36.40	7.14	11.29	32.25	10.20	-0.08	-1.02	-0.19	-0.91	0.30
		400	34.31	34.38	7.48	12.72	29.15	10.65	0.62	-1.20	0.15	-0.73	0.80
		399	28.93	28.12	8.52	12.96	23.68	8.20	0.15	-1.62	-0.09	-1.38	0.60
294	2	377	72.72	46.50	18.08	18.46	46.12	-3.27	0.70	-6.85	-1.16	-4.99	-3.26
		379	78.77	60.39	23.04	23.05	60.38	-0.19	0.88	-5.44	-0.74	-3.81	-2.77
		400	68.73	56.16	21.37	22.91	54.62	-7.14	4.39	0.81	2.50	2.70	-1.79
		399	59.99	47.52	13.30	16.42	44.39	-9.86	3.26	-1.23	0.93	1.11	-2.25
294	3	377	15.66	12.93	4.19	4.97	12.15	2.50	-0.10	-0.76	-0.16	-0.70	-0.19
		379	17.51	16.31	4.45	5.40	15.36	3.21	-0.06	-0.52	-0.09	-0.49	-0.12
		400	13.35	14.85	4.82	5.71	13.96	2.86	0.26	-0.06	0.23	-0.03	0.10
		399	12.18	11.95	4.79	5.33	11.41	1.89	0.04	-0.34	0.04	-0.34	8.67e-03
294	4	377	27.63	18.30	7.08	7.18	18.20	-1.02	0.30	-2.48	-0.41	-1.77	-1.21
		379	30.08	23.70	8.88	8.88	23.70	0.13	0.36	-1.96	-0.25	-1.34	-1.02
		400	26.23	21.95	8.29	8.73	21.51	-2.41	1.62	0.29	0.92	0.99	-0.67
		399	22.71	18.53	5.38	6.36	17.55	-3.46	1.21	-0.46	0.34	0.40	-0.83
295	1	379	36.00	35.96	7.28	11.32	31.92	9.98	-0.13	-1.05	-0.24	-0.94	0.30
		381	44.78	45.57	5.56	10.04	41.10	12.60	0.45	-0.55	0.09	-0.19	0.48
		401	46.54	41.94	4.51	11.74	34.71	14.78	1.15	-0.95	0.37	-0.17	1.02
		400	34.96	34.88	7.53	12.78	29.63	10.77	0.66	-1.20	0.17	-0.71	0.82
295	2	379	77.61	59.51	22.98	22.99	59.50	-0.70	0.96	-5.37	-0.61	-3.80	-2.73
		381	85.16	81.15	24.08	24.83	80.40	6.52	1.29	-2.47	0.29	-1.47	-1.66
		401	72.07	64.61	31.41	31.42	64.60	0.59	4.47	2.03	3.79	2.70	-1.09
		400	69.38	57.25	21.80	23.26	55.80	-7.04	4.18	0.45	2.01	2.62	-1.84
295	3	379	17.31	16.08	4.50	5.40	15.18	3.10	-0.06	-0.52	-0.09	-0.49	-0.12
		381	20.01	21.02	3.87	5.12	19.76	4.46	0.07	-0.11	0.07	-0.11	0.02
		401	18.30	18.36	4.17	6.00	16.53	4.75	0.51	0.02	0.39	0.14	0.21
		400	13.59	15.11	4.86	5.76	14.20	2.91	0.23	-0.07	0.19	-0.03	0.10
295	4	379	29.64	23.36	8.86	8.86	23.36	-0.06	0.39	-1.93	-0.20	-1.34	-1.01
		381	32.83	31.73	9.19	9.50	31.41	2.66	0.51	-0.87	0.13	-0.49	-0.62
		401	27.72	25.41	11.81	11.83	25.39	0.55	1.66	0.73	1.40	0.99	-0.41
		400	26.49	22.37	8.45	8.86	21.96	-2.37	1.54	0.15	0.74	0.96	-0.69
296	1	381	45.22	45.82	4.49	8.90	41.41	12.76	0.23	-0.71	-0.18	-0.30	0.46
		127	64.47	56.37	-1.31	5.87	49.18	19.05	2.03	0.72	1.52	1.24	0.64
		102	59.94	51.20	-0.38	12.02	38.81	22.04	1.60	-0.63	0.85	0.12	1.05
		401	48.14	42.65	5.11	12.60	35.16	15.00	1.30	-0.98	0.40	-0.09	1.12
296	2	381	83.46	81.75	20.94	21.80	80.89	7.16	0.79	-2.27	-0.32	-1.16	-1.47
		127	116.01	105.68	11.30	16.39	100.59	21.32	8.04	4.58	7.59	5.04	-1.17
		102	86.62	84.29	35.29	48.67	70.91	21.84	6.08	0.33	6.06	0.35	-0.38
		401	66.88	66.30	35.43	35.44	66.29	0.46	2.73	0.87	2.01	1.58	-0.90
296	3	381	20.18	21.15	3.28	4.53	19.90	4.56	-0.05	-0.13	-0.05	-0.12	0.02
		127	29.04	26.48	0.63	3.16	23.95	7.67	1.03	0.73	0.99	0.77	0.10
		102	24.29	23.11	2.59	7.34	18.37	8.65	0.81	-0.05	0.70	0.06	0.28
		401	18.57	18.72	4.65	6.57	16.81	4.82	0.44	-0.10	0.26	0.08	0.25



296	4	381	32.24	31.95	7.99	8.35	31.60	2.90	0.33	-0.80	-0.10	-0.38	-0.55
		127	44.93	41.18	4.28	6.27	39.19	8.35	2.97	1.71	2.79	1.89	-0.44
		102	33.12	32.90	13.18	18.20	27.88	8.59	2.25	0.12	2.24	0.13	-0.14
		401	25.86	26.06	13.31	13.33	26.04	0.51	1.01	0.30	0.74	0.57	-0.35
297	1	401	51.20	45.42	2.18	12.36	35.25	18.34	1.27	-1.11	0.62	-0.46	1.06
		102	62.67	50.48	0.40	12.74	38.14	21.58	1.96	-0.34	0.58	1.04	1.13
		177	69.79	49.92	-2.43	13.12	34.37	23.92	2.78	-1.47	1.20	0.11	2.05
		402	53.61	42.89	3.14	15.91	30.12	18.56	1.80	-1.20	0.77	-0.18	1.42
297	2	401	78.42	82.01	18.99	34.97	66.03	27.42	4.52	1.08	2.76	2.84	-1.72
		102	97.88	84.26	32.95	49.00	68.21	23.79	7.13	3.84	7.01	3.96	-0.62
		177	86.12	82.40	21.15	34.06	69.49	24.98	7.57	1.81	7.36	2.03	-1.09
		402	61.89	65.05	27.49	34.69	57.85	14.79	3.23	-0.09	2.67	0.48	-1.24
297	3	401	21.62	21.04	2.22	6.45	16.81	7.85	0.49	4.59e-03	0.40	0.09	0.19
		102	26.17	22.85	2.67	7.58	17.93	8.66	0.97	0.38	0.70	0.65	0.29
		177	26.91	22.44	0.89	6.54	16.78	9.48	1.16	-0.11	0.88	0.17	0.52
		402	20.33	18.85	3.15	7.45	14.55	7.00	0.64	-0.15	0.46	0.03	0.33
297	4	401	30.49	31.87	7.21	13.15	25.93	10.54	1.69	0.41	1.04	1.07	-0.64
		102	37.61	32.82	12.34	18.32	26.84	9.31	2.65	1.48	2.60	1.52	-0.23
		177	32.93	32.14	7.80	12.75	27.19	9.80	2.78	0.65	2.70	0.74	-0.41
		402	24.13	25.53	10.25	13.01	22.77	5.88	1.23	0.02	1.02	0.22	-0.46
298	1	400	38.49	37.05	4.86	12.75	29.16	13.85	0.62	-1.33	0.18	-0.88	0.81
		401	49.43	44.55	2.61	12.11	35.05	17.56	0.91	-1.06	0.20	-0.35	0.95
		402	54.91	43.00	2.98	15.94	30.04	18.73	1.80	-1.55	0.63	-0.39	1.60
		403	40.93	35.42	6.31	16.45	25.28	13.87	0.90	-2.06	0.22	-1.37	1.25
298	2	400	61.86	62.64	15.29	23.02	54.91	17.50	4.09	0.41	1.95	2.55	-1.81
		401	78.56	78.36	18.99	32.08	65.27	24.61	5.27	1.83	3.87	3.23	-1.69
		402	62.74	65.80	26.88	34.80	57.88	15.67	2.89	-0.23	2.51	0.15	-1.02
		403	58.97	51.43	23.59	26.88	48.14	8.99	1.76	-2.16	1.38	-1.78	-1.16
298	3	400	15.98	16.87	2.84	5.73	13.98	5.68	0.23	-0.12	0.20	-0.08	0.10
		401	20.90	20.50	2.36	6.17	16.70	7.38	0.42	0.06	0.34	0.14	0.15
		402	20.75	18.95	3.05	7.46	14.53	7.12	0.63	-0.29	0.39	-0.06	0.40
		403	14.66	15.37	3.96	7.07	12.27	5.08	0.28	-0.60	0.18	-0.49	0.28
298	4	400	24.04	24.52	5.87	8.77	21.61	6.76	1.51	0.14	0.72	0.93	-0.68
		401	30.40	30.52	7.21	12.08	25.65	9.47	1.96	0.67	1.43	1.20	-0.63
		402	24.44	25.81	10.02	13.05	22.78	6.22	1.09	-0.04	0.95	0.10	-0.38
		403	22.86	20.34	8.86	10.16	19.04	3.64	0.67	-0.76	0.52	-0.61	-0.43
299	1	399	30.89	30.12	6.31	12.90	23.53	10.65	0.11	-1.78	-0.13	-1.54	0.63
		400	37.94	36.89	5.14	12.79	29.24	13.58	0.53	-1.34	0.09	-0.90	0.80
		403	41.51	35.41	6.14	16.37	25.18	13.96	0.98	-2.08	0.26	-1.36	1.30
		404	31.46	28.70	7.96	16.08	20.59	10.12	0.44	-2.43	0.01	-2.00	1.02
299	2	399	53.76	48.11	12.21	16.23	44.10	11.32	3.00	-1.19	0.87	0.94	-2.09
		400	61.47	62.21	15.66	23.03	54.84	16.99	4.37	0.61	2.46	2.52	-1.88
		403	58.01	51.35	23.36	26.60	48.11	8.95	1.63	-2.04	1.22	-1.63	-1.16
		404	54.36	40.60	17.65	18.38	39.86	4.05	0.61	-3.31	0.13	-2.84	-1.28
299	3	399	13.90	13.51	3.13	5.30	11.34	4.22	0.03	-0.40	0.02	-0.40	0.03
		400	15.76	16.79	2.96	5.75	14.01	5.55	0.23	-0.12	0.20	-0.09	0.09
		403	14.83	15.36	3.89	7.02	12.23	5.11	0.30	-0.59	0.18	-0.48	0.30
		404	13.36	12.25	4.22	6.36	10.11	3.55	0.08	-0.81	0.03	-0.76	0.21
299	4	399	20.91	18.97	4.75	6.29	17.43	4.42	1.11	-0.45	0.32	0.34	-0.78
		400	23.87	24.36	6.01	8.78	21.59	6.56	1.62	0.22	0.91	0.93	-0.70
		403	22.50	20.30	8.77	10.05	19.02	3.63	0.63	-0.71	0.47	-0.56	-0.43
		404	20.97	16.16	6.71	7.04	15.83	1.75	0.24	-1.19	0.06	-1.00	-0.48
300	1	398	28.98	24.43	6.82	12.41	18.84	8.20	-0.25	-2.24	-0.36	-2.13	0.46
		399	30.93	30.09	6.42	12.90	23.61	10.55	0.10	-1.78	-0.14	-1.54	0.62
		404	31.58	28.69	7.85	16.04	20.51	10.18	0.44	-2.44	0.01	-2.00	1.03
		405	27.45	23.01	8.58	15.14	16.45	7.19	0.05	-2.71	-0.19	-2.47	0.77
300	2	398	50.79	37.29	8.38	10.38	35.29	7.33	1.69	-2.81	-0.28	-0.85	-2.23
		399	54.14	48.12	12.28	16.18	44.21	11.17	3.13	-1.14	1.05	0.94	-2.14
		404	54.12	40.52	17.59	18.36	39.75	4.13	0.51	-3.31	0.03	-2.83	-1.26
		405	52.86	32.62	11.00	11.05	32.58	1.02	-0.62	-4.59	-1.14	-4.07	-1.34
300	3	398	13.01	10.81	3.08	4.73	9.15	3.17	-0.13	-0.70	-0.13	-0.70	-0.03
		399	13.93	13.50	3.17	5.30	11.37	4.18	0.04	-0.40	0.03	-0.40	0.02
		404	13.33	12.24	4.18	6.34	10.08	3.57	0.07	-0.81	0.02	-0.76	0.21
		405	12.61	9.64	4.13	5.56	8.22	2.41	-0.11	-1.01	-0.13	-0.99	0.13
300	4	398	19.71	14.82	3.33	4.13	14.03	2.92	0.62	-1.05	-0.10	-0.32	-0.83
		399	21.05	18.97	4.77	6.27	17.48	4.36	1.16	-0.43	0.39	0.34	-0.79
		404	20.88	16.13	6.68	7.03	15.78	1.78	0.21	-1.19	0.03	-1.00	-0.47
		405	20.26	13.04	4.30	4.34	13.00	0.59	-0.21	-1.66	-0.41	-1.46	-0.50
301	1	397	27.64	19.68	6.86	11.49	15.05	6.16	-0.51	-2.66	-0.55	-2.61	0.31
		398	29.01	24.41	6.88	12.40	18.89	8.14	-0.25	-2.24	-0.36	-2.13	0.46
		405	27.43	23.02	8.52	15.11	16.43	7.22	0.04	-2.71	-0.19	-2.47	0.78
		406	26.05	18.31	8.57	13.80	13.08	4.86	-0.25	-2.91	-0.36	-2.80	0.53
301	2	397	49.85	29.18	4.32	5.24	28.26	4.71	0.30	-4.28	-1.37	-2.61	-2.21
		398	50.99	37.31	8.35	10.30	35.36	7.26	1.74	-2.81	-0.22	-0.85	-2.26
		405	52.80	32.59	11.01	11.06	32.54	1.07	-0.67	-4.59	-1.17	-4.08	-1.32
		406	53.46	26.62	4.68	4.70	26.60	-0.72	-1.78	-5.84	-2.28	-5.34	-1.33
301	3	397	12.48	8.62	2.86	4.08	7.40	2.35	-0.26	-0.98	-0.27	-0.97	-0.07



		398	13.03	10.81	3.09	4.72	9.18	3.15	-0.12	-0.70	-0.12	-0.70	-0.03
		405	12.60	9.65	4.11	5.55	8.21	2.43	-0.11	-1.01	-0.13	-0.99	0.13
		406	12.11	7.54	3.84	4.70	6.67	1.57	-0.26	-1.18	-0.26	-1.18	0.06
301	4	397	19.28	11.70	1.84	2.23	11.31	1.92	0.11	-1.59	-0.51	-0.97	-0.82
		398	19.78	14.83	3.32	4.10	14.06	2.89	0.64	-1.05	-0.08	-0.32	-0.84
		405	20.24	13.02	4.31	4.35	12.98	0.61	-0.23	-1.66	-0.42	-1.47	-0.49
		406	20.36	10.68	2.01	2.01	10.67	-0.09	-0.64	-2.12	-0.83	-1.93	-0.49
302	1	396	26.55	15.70	6.67	10.34	12.03	4.44	-0.70	-2.99	-0.71	-2.98	0.17
		397	27.66	19.67	6.89	11.48	15.08	6.13	-0.51	-2.66	-0.55	-2.61	0.30
		406	26.04	18.32	8.54	13.78	13.07	4.87	-0.25	-2.91	-0.36	-2.80	0.54
		407	24.74	14.46	8.19	12.25	10.40	3.00	-0.46	-3.05	-0.50	-3.01	0.32
302	2	396	50.23	23.14	0.45	0.86	22.73	3.02	-1.04	-5.54	-2.35	-4.23	-2.05
		397	49.98	29.20	4.27	5.17	28.29	4.67	0.33	-4.29	-1.36	-2.61	-2.22
		406	53.44	26.61	4.71	4.73	26.59	-0.69	-1.81	-5.83	-2.29	-5.35	-1.30
		407	55.22	21.95	-0.81	-0.70	21.85	-1.54	-2.86	-6.97	-3.27	-6.56	-1.23
302	3	396	12.15	6.85	2.57	3.41	6.01	1.70	-0.37	-1.21	-0.38	-1.20	-0.10
		397	12.49	8.62	2.87	4.07	7.41	2.34	-0.26	-0.98	-0.27	-0.97	-0.08
		406	12.11	7.54	3.82	4.70	6.67	1.58	-0.26	-1.18	-0.26	-1.18	0.06
		407	11.76	5.87	3.42	3.85	5.44	0.93	-0.38	-1.33	-0.38	-1.33	6.99e-04
302	4	396	19.34	9.36	0.42	0.61	9.18	1.28	-0.38	-2.06	-0.87	-1.57	-0.76
		397	19.32	11.71	1.82	2.20	11.33	1.91	0.12	-1.60	-0.50	-0.97	-0.83
		406	20.35	10.67	2.01	2.01	10.67	-0.07	-0.65	-2.12	-0.83	-1.94	-0.48
		407	20.91	8.85	-9.95e-03	9.13e-03	8.83	-0.41	-1.04	-2.54	-1.20	-2.38	-0.46
303	1	395	25.55	12.38	6.39	9.10	9.67	2.98	-0.83	-3.23	-0.83	-3.22	0.05
		396	26.57	15.69	6.69	10.33	12.05	4.42	-0.70	-2.99	-0.71	-2.98	0.17
		407	24.73	14.47	8.18	12.24	10.40	3.01	-0.46	-3.05	-0.50	-3.01	0.32
		408	23.47	11.38	7.58	10.63	8.33	1.51	-0.60	-3.12	-0.61	-3.12	0.13
303	2	395	51.40	18.69	-2.95	-2.76	18.49	2.03	-2.25	-6.58	-3.18	-5.66	-1.77
		396	50.33	23.15	0.40	0.81	22.75	2.99	-1.02	-5.56	-2.34	-4.24	-2.06
		407	55.21	21.96	-0.79	-0.68	21.86	-1.52	-2.87	-6.96	-3.27	-6.56	-1.21
		408	57.50	18.33	-5.32	-5.20	18.21	-1.68	-3.81	-7.95	-4.11	-7.65	-1.08
303	3	395	11.92	5.44	2.26	2.77	4.93	1.17	-0.47	-1.39	-0.48	-1.38	-0.12
		396	12.16	6.85	2.58	3.41	6.01	1.69	-0.37	-1.21	-0.38	-1.20	-0.10
		407	11.76	5.87	3.41	3.85	5.44	0.94	-0.38	-1.33	-0.38	-1.33	2.86e-03
		408	11.49	4.63	2.90	3.04	4.49	0.46	-0.47	-1.45	-0.47	-1.45	-0.04
303	4	395	19.71	7.64	-0.83	-0.74	7.54	0.89	-0.83	-2.44	-1.18	-2.10	-0.66
		396	19.38	9.37	0.40	0.58	9.18	1.27	-0.38	-2.06	-0.87	-1.57	-0.76
		407	20.90	8.85	-1.61e-03	0.02	8.83	-0.40	-1.05	-2.54	-1.20	-2.39	-0.45
		408	21.67	7.44	-1.68	-1.65	7.42	-0.48	-1.39	-2.90	-1.51	-2.79	-0.40
304	1	394	24.54	9.62	6.08	7.85	7.85	1.77	-0.91	-3.36	-0.91	-3.36	-0.05
		395	25.56	12.37	6.40	9.09	9.68	2.97	-0.83	-3.22	-0.83	-3.22	0.05
		408	23.46	11.38	7.58	10.62	8.34	1.52	-0.60	-3.12	-0.61	-3.12	0.13
		409	22.22	9.08	6.72	9.03	6.77	0.34	-0.69	-3.14	-0.69	-3.14	-0.04
304	2	394	52.90	15.51	-5.75	-5.63	15.40	1.58	-3.29	-7.39	-3.85	-6.82	-1.41
		395	51.47	18.69	-2.99	-2.80	18.50	2.02	-2.24	-6.59	-3.18	-5.66	-1.79
		408	57.50	18.34	-5.30	-5.19	18.22	-1.67	-3.82	-7.94	-4.11	-7.65	-1.05
		409	59.86	15.64	-8.89	-8.82	15.57	-1.31	-4.61	-8.74	-4.80	-8.56	-0.86
304	3	394	11.71	4.38	1.92	2.19	4.12	0.76	-0.54	-1.52	-0.56	-1.50	-0.12
		395	11.92	5.44	2.26	2.77	4.93	1.17	-0.47	-1.39	-0.48	-1.38	-0.12
		408	11.49	4.63	2.90	3.04	4.49	0.47	-0.47	-1.45	-0.47	-1.45	-0.04
		409	11.26	3.80	2.29	2.30	3.79	0.12	-0.54	-1.53	-0.55	-1.52	-0.08
304	4	394	20.20	6.41	-1.87	-1.81	6.35	0.71	-1.22	-2.74	-1.43	-2.53	-0.52
		395	19.73	7.64	-0.85	-0.76	7.55	0.89	-0.83	-2.45	-1.18	-2.10	-0.66
		408	21.67	7.45	-1.67	-1.65	7.42	-0.48	-1.40	-2.90	-1.51	-2.79	-0.39
		409	22.49	6.41	-3.01	-2.99	6.40	-0.37	-1.69	-3.19	-1.76	-3.12	-0.32
305	1	393	23.47	7.35	5.81	6.65	6.51	0.77	-0.96	-3.40	-0.96	-3.40	-0.13
		394	24.55	9.61	6.09	7.84	7.86	1.76	-0.91	-3.36	-0.91	-3.36	-0.05
		409	22.22	9.08	6.72	9.02	6.78	0.35	-0.69	-3.14	-0.69	-3.14	-0.04
		410	20.99	7.67	5.49	7.51	5.65	-0.57	-0.73	-3.11	-0.74	-3.09	-0.18
305	2	393	54.37	13.44	-7.91	-7.80	13.33	1.54	-4.10	-7.97	-4.36	-7.71	-0.98
		394	52.95	15.51	-5.79	-5.67	15.40	1.57	-3.28	-7.40	-3.85	-6.83	-1.42
		409	59.85	15.65	-8.87	-8.80	15.58	-1.30	-4.62	-8.73	-4.80	-8.56	-0.83
		410	61.97	13.85	-11.58	-11.57	13.84	-0.57	-5.24	-9.34	-5.32	-9.26	-0.58
305	3	393	11.50	3.64	1.57	1.67	3.54	0.44	-0.60	-1.59	-0.61	-1.58	-0.11
		394	11.72	4.38	1.92	2.18	4.12	0.76	-0.54	-1.52	-0.56	-1.50	-0.12
		409	11.26	3.80	2.29	2.30	3.79	0.13	-0.54	-1.53	-0.55	-1.52	-0.07
		410	11.04	3.31	1.63	1.64	3.30	-0.11	-0.59	-1.57	-0.60	-1.56	-0.10
305	4	393	20.71	5.61	-2.67	-2.61	5.56	0.67	-1.52	-2.95	-1.62	-2.86	-0.36
		394	20.23	6.41	-1.88	-1.82	6.35	0.70	-1.21	-2.74	-1.43	-2.53	-0.53
		409	22.49	6.41	-3.00	-2.99	6.40	-0.36	-1.70	-3.19	-1.76	-3.13	-0.31
		410	23.24	5.73	-4.01	-4.01	5.73	-0.11	-1.93	-3.42	-1.96	-3.38	-0.22
306	1	392	22.32	5.61	5.50	5.53	5.57	-0.05	-0.97	-3.36	-0.99	-3.34	-0.20
		393	23.47	7.34	5.81	6.64	6.51	0.76	-0.96	-3.40	-0.96	-3.40	-0.13
		410	20.99	7.66	5.49	7.50	5.65	-0.56	-0.73	-3.11	-0.74	-3.09	-0.18
		411	19.80	6.90	4.10	6.11	4.90	-1.26	-0.74	-3.03	-0.78	-2.99	-0.29
306	2	392	55.54	12.37	-9.43	-9.28	12.22	1.79	-4.64	-8.34	-4.70	-8.28	-0.49
		393	54.40	13.43	-7.94	-7.82	13.32	1.53	-4.09	-7.98	-4.36	-7.71	-0.99



		410	61.97	13.86	-11.57	-11.56	13.84	-0.56	-5.24	-9.34	-5.32	-9.26	-0.56
		411	63.63	12.97	-13.49	-13.49	12.96	0.44	-5.66	-9.74	-5.68	-9.72	-0.28
306	3	392	11.25	3.20	1.21	1.23	3.18	0.19	-0.63	-1.62	-0.64	-1.61	-0.09
		393	11.50	3.64	1.57	1.67	3.54	0.44	-0.60	-1.59	-0.61	-1.58	-0.11
		410	11.04	3.31	1.64	1.64	3.30	-0.11	-0.59	-1.57	-0.60	-1.56	-0.09
		411	10.81	3.05	1.05	1.09	3.01	-0.27	-0.63	-1.57	-0.64	-1.56	-0.11
306	4	392	21.13	5.21	-3.22	-3.16	5.15	0.74	-1.72	-3.09	-1.74	-3.07	-0.18
		393	20.72	5.61	-2.67	-2.62	5.56	0.67	-1.52	-2.96	-1.62	-2.86	-0.37
		410	23.24	5.73	-4.01	-4.01	5.73	-0.11	-1.93	-3.41	-1.96	-3.38	-0.21
		411	23.85	5.40	-4.73	-4.72	5.40	0.24	-2.09	-3.56	-2.09	-3.56	-0.10
307	1	391	21.08	5.50	4.01	4.52	5.00	-0.70	-0.95	-3.23	-0.98	-3.20	-0.24
		392	22.32	5.61	5.49	5.52	5.58	-0.05	-0.97	-3.36	-0.99	-3.34	-0.20
		411	19.79	6.90	4.11	6.11	4.90	-1.26	-0.74	-3.02	-0.78	-2.99	-0.29
		412	18.64	6.46	2.87	4.85	4.48	-1.79	-0.72	-2.90	-0.79	-2.83	-0.38
307	2	391	56.24	12.27	-10.32	-10.09	12.05	2.23	-4.88	-8.53	-4.88	-8.53	0.03
		392	55.56	12.36	-9.44	-9.29	12.22	1.79	-4.64	-8.35	-4.70	-8.28	-0.50
		411	63.62	12.97	-13.49	-13.48	12.97	0.45	-5.67	-9.73	-5.68	-9.72	-0.25
		412	64.70	13.01	-14.69	-14.59	12.92	1.62	-5.87	-9.92	-5.87	-9.92	0.05
307	3	391	10.96	3.01	0.87	0.87	3.01	0.01	-0.65	-1.59	-0.65	-1.58	-0.07
		392	11.25	3.20	1.21	1.23	3.18	0.19	-0.63	-1.62	-0.64	-1.61	-0.10
		411	10.81	3.05	1.05	1.09	3.01	-0.27	-0.63	-1.57	-0.64	-1.56	-0.10
		412	10.57	2.95	0.58	0.63	2.89	-0.36	-0.64	-1.54	-0.66	-1.53	-0.11
307	4	391	21.40	5.19	-3.55	-3.46	5.10	0.88	-1.81	-3.16	-1.81	-3.16	0.01
		392	21.14	5.21	-3.23	-3.16	5.14	0.74	-1.72	-3.10	-1.74	-3.07	-0.19
		411	23.85	5.40	-4.72	-4.72	5.40	0.24	-2.09	-3.56	-2.09	-3.56	-0.09
		412	24.26	5.44	-5.17	-5.13	5.39	0.65	-2.16	-3.63	-2.16	-3.63	0.02
308	1	390	19.75	5.52	2.84	3.62	4.73	-1.22	-0.91	-3.03	-0.95	-2.99	-0.27
		391	21.08	5.50	4.01	4.51	5.00	-0.70	-0.95	-3.23	-0.98	-3.20	-0.25
		412	18.63	6.46	2.87	4.85	4.48	-1.78	-0.72	-2.90	-0.79	-2.83	-0.38
		413	17.52	6.23	1.86	3.75	4.34	-2.16	-0.68	-2.73	-0.79	-2.63	-0.45
308	2	390	56.39	13.14	-10.59	-10.27	12.82	2.76	-4.79	-8.53	-4.88	-8.44	0.57
		391	56.25	12.27	-10.32	-10.10	12.04	2.23	-4.88	-8.53	-4.88	-8.53	0.02
		412	64.69	13.01	-14.68	-14.59	12.92	1.63	-5.87	-9.93	-5.87	-9.92	0.08
		413	65.12	13.98	-15.20	-14.92	13.70	2.85	-5.85	-9.90	-5.89	-9.86	0.39
308	3	390	10.61	3.03	0.58	0.59	3.02	-0.13	-0.64	-1.52	-0.65	-1.52	-0.04
		391	10.96	3.01	0.87	0.87	3.01	9.38e-03	-0.65	-1.59	-0.65	-1.58	-0.07
		412	10.57	2.95	0.58	0.63	2.89	-0.36	-0.65	-1.54	-0.66	-1.53	-0.11
		413	10.32	3.00	0.22	0.28	2.95	-0.40	-0.65	-1.48	-0.66	-1.47	-0.10
308	4	390	21.49	5.54	-3.65	-3.52	5.41	1.05	-1.78	-3.16	-1.81	-3.13	0.21
		391	21.40	5.18	-3.55	-3.46	5.09	0.88	-1.81	-3.16	-1.81	-3.16	8.71e-03
		412	24.25	5.44	-5.17	-5.13	5.39	0.66	-2.16	-3.63	-2.16	-3.63	0.03
		413	24.45	5.83	-5.36	-5.25	5.72	1.09	-2.16	-3.63	-2.17	-3.61	0.15
309	1	389	18.36	5.69	1.91	2.85	4.76	-1.63	-0.85	-2.76	-0.89	-2.71	-0.29
		390	19.75	5.52	2.83	3.62	4.73	-1.22	-0.91	-3.03	-0.95	-2.99	-0.28
		413	17.52	6.23	1.86	3.75	4.34	-2.16	-0.68	-2.73	-0.79	-2.63	-0.45
		414	16.47	6.20	1.07	2.80	4.46	-2.43	-0.62	-2.54	-0.76	-2.39	-0.50
309	2	389	55.99	14.98	-10.25	-9.82	14.56	3.25	-4.38	-8.34	-4.71	-8.00	1.11
		390	56.39	13.13	-10.59	-10.27	12.81	2.75	-4.80	-8.52	-4.88	-8.44	0.56
		413	65.11	13.98	-15.20	-14.92	13.70	2.86	-5.84	-9.91	-5.89	-9.86	0.42
		414	64.91	15.88	-15.02	-14.48	15.35	4.03	-5.60	-9.67	-5.73	-9.53	0.73
309	3	389	10.22	3.23	0.38	0.40	3.21	-0.23	-0.62	-1.40	-0.62	-1.40	-3.22e-03
		390	10.61	3.03	0.58	0.59	3.02	-0.13	-0.64	-1.52	-0.65	-1.52	-0.04
		413	10.32	3.00	0.22	0.28	2.95	-0.40	-0.65	-1.48	-0.66	-1.47	-0.10
		414	10.05	3.21	-0.03	0.03	3.16	-0.41	-0.63	-1.39	-0.64	-1.38	-0.09
309	4	389	21.40	6.27	-3.51	-3.36	6.12	1.21	-1.62	-3.10	-1.75	-2.97	0.41
		390	21.48	5.53	-3.65	-3.52	5.41	1.05	-1.78	-3.16	-1.81	-3.13	0.21
		413	24.45	5.83	-5.36	-5.25	5.72	1.09	-2.15	-3.63	-2.17	-3.61	0.16
		414	24.43	6.58	-5.29	-5.10	6.38	1.50	-2.06	-3.54	-2.11	-3.49	0.27
310	1	388	16.92	6.03	1.20	2.19	5.05	-1.95	-0.76	-2.43	-0.81	-2.38	-0.30
		389	18.36	5.69	1.91	2.84	4.76	-1.63	-0.85	-2.76	-0.89	-2.71	-0.29
		414	16.46	6.20	1.07	2.81	4.47	-2.43	-0.62	-2.53	-0.76	-2.39	-0.50
		415	15.47	6.39	0.45	2.02	4.82	-2.61	-0.54	-2.31	-0.72	-2.13	-0.54
310	2	388	55.14	17.85	-9.26	-8.77	17.36	3.59	-3.64	-7.95	-4.37	-7.22	1.62
		389	55.97	14.97	-10.23	-9.81	14.55	3.24	-4.39	-8.33	-4.72	-8.00	1.09
		414	64.90	15.88	-15.02	-14.48	15.34	4.04	-5.59	-9.67	-5.73	-9.53	0.75
		415	64.17	18.70	-14.11	-13.31	17.91	5.04	-5.12	-9.22	-5.41	-8.94	1.04
310	3	388	9.80	3.61	0.25	0.28	3.58	-0.32	-0.57	-1.25	-0.57	-1.25	0.03
		389	10.22	3.23	0.38	0.40	3.21	-0.23	-0.62	-1.40	-0.62	-1.40	-5.10e-03
		414	10.05	3.21	-0.03	0.03	3.16	-0.41	-0.63	-1.39	-0.64	-1.37	-0.09
		415	9.79	3.58	-0.18	-0.13	3.53	-0.42	-0.60	-1.26	-0.60	-1.25	-0.08
310	4	388	21.16	7.40	-3.14	-2.97	7.23	1.32	-1.35	-2.95	-1.62	-2.68	0.60
		389	21.39	6.26	-3.50	-3.35	6.11	1.21	-1.63	-3.09	-1.75	-2.97	0.41
		414	24.43	6.58	-5.29	-5.10	6.38	1.51	-2.06	-3.54	-2.11	-3.49	0.28
		415	24.24	7.69	-4.95	-4.67	7.41	1.85	-1.88	-3.38	-1.99	-3.27	0.39
311	1	387	15.44	6.57	0.66	1.65	5.58	-2.21	-0.64	-2.05	-0.71	-1.99	-0.30
		388	16.91	6.04	1.20	2.19	5.05	-1.95	-0.76	-2.43	-0.81	-2.38	-0.30
		415	15.47	6.39	0.46	2.02	4.83	-2.61	-0.54	-2.31	-0.72	-2.13	-0.53



311	2	416	14.55	6.79	-5.81e-03	1.38	5.41	-2.74	-0.44	-2.06	-0.66	-1.84	-0.56
		387	54.09	21.82	-7.61	-7.15	21.36	3.65	-2.60	-7.34	-3.84	-6.10	2.09
		388	55.09	17.83	-9.23	-8.75	17.35	3.59	-3.66	-7.94	-4.38	-7.22	1.60
311	3	415	64.16	18.70	-14.11	-13.32	17.90	5.05	-5.10	-9.23	-5.40	-8.93	1.07
		416	63.10	22.44	-12.41	-11.46	21.49	5.70	-4.44	-8.57	-4.92	-8.09	1.33
		387	9.38	4.18	0.19	0.24	4.14	-0.41	-0.49	-1.06	-0.50	-1.05	0.07
311	4	388	9.80	3.61	0.25	0.28	3.58	-0.32	-0.57	-1.25	-0.57	-1.25	0.03
		415	9.78	3.58	-0.17	-0.13	3.53	-0.42	-0.60	-1.26	-0.60	-1.25	-0.08
		416	9.54	4.12	-0.24	-0.19	4.07	-0.43	-0.54	-1.11	-0.55	-1.11	-0.06
312	1	387	20.88	8.97	-2.52	-2.37	8.82	1.32	-0.97	-2.73	-1.43	-2.27	0.78
		388	21.15	7.39	-3.13	-2.96	7.23	1.32	-1.36	-2.95	-1.63	-2.68	0.59
		415	24.24	7.69	-4.95	-4.67	7.41	1.85	-1.88	-3.38	-1.99	-3.27	0.40
312	2	416	23.96	9.16	-4.32	-4.00	8.84	2.07	-1.63	-3.14	-1.81	-2.96	0.50
		386	13.98	7.33	0.25	1.22	6.36	-2.43	-0.50	-1.63	-0.58	-1.55	-0.29
		387	15.43	6.57	0.66	1.65	5.58	-2.21	-0.65	-2.05	-0.71	-1.99	-0.30
312	3	416	14.54	6.79	-1.61e-03	1.38	5.41	-2.74	-0.44	-2.05	-0.66	-1.84	-0.55
		417	13.71	7.43	-0.34	0.89	6.19	-2.84	-0.32	-1.79	-0.58	-1.52	-0.57
		386	53.29	27.08	-5.35	-5.03	26.76	3.20	-1.28	-6.50	-3.13	-4.65	2.49
312	4	387	53.99	21.79	-7.57	-7.11	21.33	3.64	-2.65	-7.34	-3.88	-6.11	2.06
		416	63.10	22.45	-12.42	-11.46	21.48	5.72	-4.40	-8.58	-4.90	-8.08	1.36
		417	62.02	27.11	-9.89	-8.97	26.18	5.77	-3.56	-7.73	-4.27	-7.02	1.56
313	1	386	9.00	4.97	0.19	0.26	4.90	-0.54	-0.39	-0.84	-0.41	-0.82	0.10
		387	9.37	4.18	0.20	0.24	4.14	-0.42	-0.50	-1.06	-0.50	-1.05	0.07
		416	9.54	4.12	-0.24	-0.19	4.07	-0.43	-0.54	-1.11	-0.55	-1.10	-0.06
313	2	417	9.34	4.83	-0.22	-0.18	4.78	-0.49	-0.48	-0.94	-0.48	-0.93	-0.05
		386	20.72	11.05	-1.70	-1.60	10.95	1.13	-0.48	-2.42	-1.17	-1.74	0.93
		387	20.85	8.96	-2.51	-2.36	8.81	1.32	-0.98	-2.73	-1.44	-2.27	0.77
313	3	416	23.96	9.16	-4.32	-4.00	8.84	2.08	-1.61	-3.15	-1.81	-2.96	0.51
		417	23.70	11.01	-3.40	-3.10	10.70	2.06	-1.30	-2.83	-1.57	-2.56	0.58
		385	12.62	8.32	-0.07	0.89	7.36	-2.67	-0.33	-1.19	-0.43	-1.09	-0.28
313	4	386	13.96	7.33	0.25	1.22	6.35	-2.44	-0.51	-1.64	-0.59	-1.55	-0.29
		417	13.71	7.43	-0.34	0.89	6.20	-2.84	-0.31	-1.78	-0.58	-1.52	-0.56
		418	12.97	8.28	-0.58	0.55	7.15	-2.96	-0.18	-1.51	-0.49	-1.20	-0.57
313	1	385	53.63	33.94	-2.62	-2.52	33.84	1.92	0.29	-5.40	-2.20	-2.91	2.82
		386	53.03	27.04	-5.30	-4.98	26.72	3.19	-1.40	-6.50	-3.23	-4.67	2.45
		417	62.09	27.13	-9.90	-8.97	26.19	5.81	-3.48	-7.74	-4.21	-7.01	1.60
313	2	418	61.36	32.70	-6.55	-5.93	32.08	4.90	-2.55	-6.72	-3.50	-5.77	1.75
		385	8.77	5.99	0.23	0.32	5.89	-0.73	-0.24	-0.61	-0.30	-0.55	0.13
		386	8.98	4.96	0.20	0.26	4.90	-0.54	-0.40	-0.84	-0.42	-0.82	0.10
313	3	417	9.34	4.83	-0.22	-0.17	4.78	-0.48	-0.47	-0.94	-0.48	-0.93	-0.04
		418	9.23	5.72	-0.16	-0.09	5.66	-0.63	-0.39	-0.75	-0.40	-0.75	-0.03
		385	21.00	13.77	-0.72	-0.69	13.74	0.63	0.10	-2.02	-0.82	-1.10	1.05
313	4	386	20.63	11.03	-1.68	-1.58	10.93	1.13	-0.52	-2.42	-1.20	-1.74	0.91
		417	23.72	11.02	-3.40	-3.10	10.71	2.08	-1.27	-2.84	-1.55	-2.56	0.60
		418	23.63	13.23	-2.20	-2.01	13.04	1.70	-0.92	-2.46	-1.29	-2.10	0.65
314	1	384	11.61	9.55	-0.33	0.67	8.55	-2.97	-0.12	-0.76	-0.26	-0.63	-0.26
		385	12.57	8.32	-0.08	0.89	7.36	-2.68	-0.35	-1.20	-0.46	-1.09	-0.29
		418	13.00	8.29	-0.58	0.55	7.16	-2.95	-0.17	-1.50	-0.47	-1.19	-0.56
314	2	419	12.25	9.34	-0.74	0.35	8.26	-3.13	-0.03	-1.22	-0.40	-0.85	-0.55
		384	56.85	42.80	0.38	0.39	42.78	-0.72	2.12	-4.08	-0.96	-0.99	3.10
		385	52.82	33.87	-2.57	-2.47	33.77	1.89	-0.01	-5.49	-2.55	-2.96	2.73
314	3	418	61.78	32.79	-6.54	-5.90	32.15	4.95	-2.37	-6.70	-3.31	-5.77	1.78
		419	61.32	39.31	-2.74	-2.58	39.16	2.52	-1.46	-5.57	-2.72	-4.31	1.90
		384	8.88	7.28	0.26	0.43	7.11	-1.06	-0.05	-0.39	-0.16	-0.28	0.16
314	4	385	8.71	5.98	0.23	0.32	5.88	-0.73	-0.28	-0.61	-0.33	-0.56	0.12
		418	9.27	5.73	-0.15	-0.08	5.67	-0.62	-0.38	-0.75	-0.38	-0.74	-0.03
		419	9.19	6.81	-0.08	0.05	6.68	-0.93	-0.31	-0.54	-0.31	-0.53	-0.02
315	1	384	22.37	17.27	0.34	0.35	17.26	-0.39	0.78	-1.53	-0.37	-0.39	1.16
		385	20.71	13.74	-0.70	-0.67	13.71	0.62	-0.01	-2.05	-0.95	-1.11	1.02
		418	23.79	13.26	-2.19	-2.00	13.07	1.72	-0.86	-2.46	-1.22	-2.10	0.67
315	2	419	23.83	15.87	-0.85	-0.82	15.83	0.75	-0.52	-2.04	-1.00	-1.56	0.71
		383	11.53	10.87	-0.45	0.66	9.75	-3.37	0.08	-0.44	-0.07	-0.29	-0.23
		384	11.50	9.59	-0.35	0.68	8.57	-3.02	-0.17	-0.81	-0.34	-0.63	-0.28
315	3	419	12.31	9.33	-0.73	0.35	8.25	-3.11	-8.65e-03	-1.21	-0.36	-0.85	-0.55
		420	13.56	10.55	-0.83	0.27	9.45	-3.36	0.17	-0.84	-0.27	-0.40	-0.51
		383	65.21	52.77	3.79	4.29	52.27	-4.90	4.21	-2.65	0.81	0.75	3.43
315	4	384	54.98	42.90	0.32	0.33	42.89	-0.91	1.38	-4.59	-2.09	-1.12	2.94
		419	62.67	39.35	-2.44	-2.30	39.20	2.43	-1.14	-5.50	-2.25	-4.39	1.90
		420	60.75	47.67	-0.10	-0.03	47.60	-1.75	0.06	-4.02	-1.83	-2.13	2.04
315	1	383	9.62	8.70	0.33	0.64	8.40	-1.58	0.19	-0.20	0.02	-0.04	0.19
		384	8.72	7.30	0.25	0.42	7.12	-1.09	-0.13	-0.42	-0.26	-0.29	0.14
		419	9.31	6.81	-0.05	0.07	6.68	-0.93	-0.27	-0.54	-0.27	-0.54	-0.01
315	2	420	9.02	8.08	-0.10	0.16	7.83	-1.42	-0.20	-0.24	-0.20	-0.24	3.12e-03
		383	25.62	21.21	1.51	1.72	20.99	-2.03	1.56	-1.00	0.28	0.27	1.28
		384	21.69	17.30	0.31	0.32	17.29	-0.46	0.51	-1.72	-0.78	-0.43	1.10
315	3	419	24.33	15.89	-0.74	-0.71	15.86	0.72	-0.41	-2.01	-0.83	-1.59	0.71
		420	23.88	19.18	0.02	0.07	19.13	-0.94	0.05	-1.47	-0.67	-0.75	0.76



316	1	10	13.43	11.70	-0.09	0.98	10.64	-3.39	0.59	-0.03	0.42	0.14	-0.28
		383	12.13	11.00	-0.23	0.97	9.80	-3.47	-0.24	-0.68	-0.41	-0.51	-0.21
		420	13.84	10.56	-0.93	0.13	9.50	-3.33	0.21	-0.77	-0.27	-0.29	-0.49
		85	16.76	11.69	-1.31	-0.09	10.47	-3.79	1.05	-0.15	0.59	0.31	-0.58
316	2	10	67.74	59.20	3.56	4.13	58.63	-5.59	6.28	1.00	4.58	2.69	2.47
		383	64.88	53.83	7.92	8.64	53.11	-5.71	2.70	-4.73	-2.20	0.17	3.52
		420	61.13	47.52	-1.63	-1.58	47.47	-1.56	0.67	-3.55	-1.06	-1.82	2.07
		85	74.46	56.48	-1.23	1.02	54.23	-11.17	4.45	-0.87	2.85	0.73	2.44
316	3	10	9.90	9.64	0.33	0.67	9.30	-1.76	0.50	0.23	0.46	0.28	0.11
		383	9.60	8.84	0.69	1.06	8.47	-1.69	0.02	-0.41	-0.27	-0.12	0.20
		420	8.98	8.08	-0.24	-1.52e-03	7.85	-1.38	-0.14	-0.19	-0.14	-0.19	8.02e-03
		85	10.16	9.37	-0.57	0.05	8.76	-2.40	0.34	0.13	0.34	0.13	0.02
316	4	10	26.63	23.78	1.35	1.61	23.52	-2.41	2.34	0.38	1.69	1.03	0.92
		383	25.33	21.61	3.03	3.33	21.30	-2.35	1.02	-1.74	-0.80	0.08	1.31
		420	24.09	19.13	-0.55	-0.51	19.09	-0.86	0.27	-1.29	-0.37	-0.65	0.77
		85	29.35	22.66	-0.57	0.38	21.72	-4.58	1.62	-0.36	1.01	0.25	0.92
317	1	402	52.84	43.80	3.08	16.44	30.45	19.12	1.12	-1.79	0.07	-0.74	1.40
		177	76.51	50.28	-4.25	11.94	34.09	24.92	4.42	0.04	2.61	1.84	2.16
		101	77.86	53.30	-0.29	26.61	26.40	26.80	3.36	-1.54	1.69	0.12	2.32
		421	64.96	41.54	4.70	22.42	23.82	18.41	3.41	-1.85	1.40	0.17	2.56
317	2	402	63.15	67.53	25.27	34.51	58.30	17.46	2.16	-0.26	1.99	-0.09	-0.62
		177	101.08	82.45	19.97	33.67	68.74	25.86	8.85	5.30	8.58	5.57	-0.94
		101	99.98	79.93	30.43	61.10	49.26	24.03	7.39	0.07	7.39	0.07	-0.10
		421	55.29	51.73	41.01	43.88	48.87	4.75	2.13	0.80	1.98	0.95	-0.42
317	3	402	20.37	19.32	2.96	7.60	14.69	7.37	0.41	-0.41	0.19	-0.19	0.36
		177	30.34	22.55	0.24	6.16	16.63	9.85	1.81	0.61	1.41	1.00	0.56
		101	29.97	22.94	2.42	12.59	12.77	10.26	1.39	-0.31	1.05	0.03	0.68
		421	22.45	17.30	4.66	10.05	11.91	6.25	1.09	-0.42	0.56	0.11	0.72
317	4	402	24.67	26.45	9.44	12.95	22.94	6.88	0.82	-0.06	0.76	4.69e-03	-0.23
		177	38.82	32.15	7.35	12.60	26.90	10.12	3.29	2.00	3.18	2.11	-0.35
		101	37.57	30.76	11.60	22.81	19.55	9.44	2.74	0.01	2.74	0.01	-0.03
		421	21.19	20.51	15.23	16.41	19.33	2.20	0.79	0.28	0.73	0.34	-0.16
318	1	403	41.23	35.39	6.23	16.37	25.26	13.89	0.87	-2.12	0.12	-1.37	1.30
		402	55.70	43.21	2.79	16.04	29.96	18.97	1.95	-1.46	0.80	-0.31	1.62
		421	60.87	41.68	4.82	22.46	24.05	18.41	2.63	-2.07	0.97	-0.41	2.25
		422	48.44	34.49	7.54	21.24	20.79	13.47	2.02	-2.18	0.93	-1.09	1.85
318	2	403	57.59	50.93	23.48	26.60	47.82	8.70	1.86	-1.97	1.47	-1.58	-1.16
		402	63.57	67.38	26.05	35.30	58.14	17.22	2.60	-0.35	2.47	-0.21	-0.61
		421	64.38	49.67	37.72	40.05	47.34	4.73	4.74	2.06	4.58	2.21	-0.63
		422	50.69	43.49	27.49	27.53	43.45	-0.84	2.84	1.34	2.13	2.04	-0.75
318	3	403	14.74	15.32	3.93	7.02	12.23	5.07	0.27	-0.59	0.16	-0.47	0.30
		402	21.30	19.14	2.93	7.54	14.53	7.31	0.69	-0.31	0.44	-0.07	0.43
		421	21.43	17.12	4.50	9.77	11.85	6.23	1.01	-0.35	0.62	0.03	0.61
		422	16.21	13.89	5.12	8.50	10.51	4.27	0.70	-0.45	0.43	-0.18	0.49
318	4	403	22.34	20.15	8.82	10.05	18.91	3.53	0.71	-0.69	0.56	-0.54	-0.43
		402	24.80	26.39	9.73	13.24	22.88	6.79	0.98	-0.09	0.93	-0.04	-0.23
		421	24.46	19.74	13.99	14.98	18.75	2.17	1.76	0.75	1.70	0.81	-0.24
		422	19.47	17.22	10.37	10.37	17.22	0.03	1.05	0.48	0.79	0.74	-0.28
319	1	404	31.52	28.68	7.88	16.04	20.51	10.16	0.42	-2.44	-0.02	-2.00	1.03
		403	41.79	35.54	6.14	16.44	25.24	14.03	1.01	-2.05	0.29	-1.32	1.30
		422	47.09	34.06	7.65	21.18	20.54	13.20	1.83	-2.22	0.75	-1.15	1.79
		423	36.31	27.51	9.15	19.68	16.98	9.08	1.22	-2.32	0.58	-1.67	1.37
319	2	404	54.04	40.39	17.55	18.28	39.67	4.00	0.66	-3.27	0.17	-2.79	-1.29
		403	58.37	51.65	23.40	26.77	48.28	9.17	1.55	-2.08	1.17	-1.70	-1.11
		422	52.24	42.62	27.03	27.14	42.51	-1.29	3.39	1.80	2.94	2.26	-0.71
		423	41.92	37.66	16.18	17.15	36.69	-4.45	2.06	0.50	1.21	1.35	-0.78
319	3	404	13.30	12.22	4.19	6.34	10.07	3.55	0.07	-0.81	0.02	-0.75	0.21
		403	14.96	15.42	3.89	7.06	12.26	5.15	0.30	-0.59	0.19	-0.47	0.30
		422	15.91	13.66	5.15	8.45	10.36	4.15	0.70	-0.44	0.44	-0.18	0.48
		423	11.34	10.76	5.29	7.29	8.76	2.63	0.40	-0.55	0.26	-0.41	0.34
319	4	404	20.85	16.08	6.67	7.00	15.75	1.73	0.26	-1.17	0.08	-0.99	-0.48
		403	22.64	20.42	8.79	10.12	19.09	3.71	0.59	-0.73	0.45	-0.58	-0.41
		422	20.00	16.87	10.22	10.22	16.86	-0.14	1.25	0.66	1.08	0.83	-0.27
		423	16.12	14.83	6.31	6.54	14.60	-1.37	0.76	0.18	0.44	0.49	-0.29
320	1	405	27.41	23.00	8.53	15.12	16.41	7.21	0.04	-2.71	-0.20	-2.47	0.78
		404	31.69	28.76	7.85	16.07	20.53	10.22	0.46	-2.42	0.02	-1.99	1.03
		423	35.92	27.32	9.18	19.64	16.86	8.96	1.18	-2.32	0.53	-1.68	1.36
		424	27.73	21.81	9.68	17.85	13.64	5.69	0.71	-2.35	0.36	-1.99	0.98
320	2	405	52.74	32.53	10.95	10.99	32.49	1.00	-0.61	-4.58	-1.13	-4.06	-1.33
		404	54.28	40.58	17.66	18.43	39.81	4.15	0.51	-3.33	0.01	-2.83	-1.29
		423	42.02	37.44	15.91	16.96	36.38	-4.66	2.18	0.70	1.47	1.40	-0.74
		424	35.37	32.52	6.83	8.53	30.82	-6.38	1.06	-0.48	0.14	0.44	-0.75
320	3	405	12.58	9.63	4.11	5.55	8.20	2.42	-0.11	-1.01	-0.13	-0.99	0.13
		404	13.33	12.27	4.19	6.36	10.09	3.58	0.07	-0.81	0.02	-0.75	0.21
		423	11.27	10.66	5.30	7.27	8.70	2.58	0.41	-0.55	0.26	-0.40	0.34
		424	9.22	8.22	5.14	6.13	7.22	1.44	0.18	-0.64	0.11	-0.57	0.23
320	4	405	20.22	13.00	4.28	4.32	12.96	0.58	-0.21	-1.66	-0.40	-1.46	-0.50



		404	20.94	16.15	6.71	7.06	15.80	1.79	0.21	-1.20	0.02	-1.00	-0.48
		423	16.15	14.74	6.22	6.47	14.48	-1.45	0.80	0.25	0.54	0.51	-0.28
		424	13.55	12.80	2.88	3.37	12.31	-2.14	0.38	-0.19	0.05	0.15	-0.28
321	1	406	26.03	18.31	8.54	13.79	13.05	4.87	-0.25	-2.91	-0.37	-2.80	0.54
		405	27.42	23.05	8.51	15.13	16.44	7.24	0.05	-2.70	-0.19	-2.46	0.78
		424	27.58	21.72	9.68	17.81	13.59	5.64	0.70	-2.35	0.34	-1.99	0.97
		425	21.67	17.31	9.39	15.81	10.89	3.10	0.36	-2.30	0.19	-2.14	0.64
321	2	406	53.42	26.57	4.65	4.68	26.55	-0.74	-1.79	-5.83	-2.27	-5.35	-1.31
		405	52.92	32.61	11.05	11.11	32.56	1.07	-0.65	-4.61	-1.18	-4.08	-1.35
		424	35.28	32.42	6.63	8.38	30.67	-6.48	1.09	-0.41	0.22	0.46	-0.74
		425	32.16	27.78	-0.76	1.14	25.89	-7.11	0.05	-1.44	-0.91	-0.49	-0.71
321	3	406	12.10	7.53	3.83	4.70	6.66	1.57	-0.26	-1.18	-0.26	-1.18	0.06
		405	12.60	9.66	4.11	5.56	8.21	2.44	-0.11	-1.01	-0.13	-0.99	0.13
		424	9.18	8.17	5.13	6.11	7.19	1.42	0.18	-0.64	0.11	-0.57	0.23
		425	8.71	6.22	4.72	5.00	5.94	0.59	0.01	-0.71	-0.01	-0.68	0.13
321	4	406	20.34	10.66	1.99	2.00	10.66	-0.09	-0.64	-2.12	-0.83	-1.94	-0.49
		405	20.28	13.03	4.32	4.36	12.99	0.61	-0.22	-1.67	-0.42	-1.47	-0.50
		424	13.52	12.76	2.81	3.31	12.26	-2.17	0.40	-0.16	0.08	0.16	-0.28
		425	12.20	10.96	0.07	0.65	10.39	-2.44	9.87e-03	-0.54	-0.34	-0.19	-0.27
322	1	407	24.74	14.46	8.17	12.25	10.39	3.00	-0.46	-3.05	-0.50	-3.01	0.32
		406	26.04	18.34	8.54	13.80	13.08	4.89	-0.25	-2.91	-0.36	-2.80	0.54
		425	21.60	17.26	9.39	15.78	10.86	3.07	0.35	-2.30	0.19	-2.14	0.64
		426	19.03	13.94	8.46	13.69	8.71	1.14	0.12	-2.22	0.07	-2.17	0.35
322	2	407	55.22	21.93	-0.83	-0.72	21.82	-1.55	-2.86	-6.97	-3.26	-6.57	-1.22
		406	53.54	26.62	4.74	4.76	26.60	-0.69	-1.79	-5.85	-2.29	-5.36	-1.33
		425	32.13	27.72	-0.90	1.01	25.81	-7.15	0.06	-1.42	-0.88	-0.48	-0.71
		426	31.99	23.59	-6.82	-5.14	21.91	-6.94	-0.93	-2.31	-1.85	-1.38	-0.65
322	3	407	11.76	5.87	3.41	3.85	5.43	0.94	-0.38	-1.33	-0.38	-1.33	2.73e-03
		406	12.11	7.55	3.83	4.70	6.67	1.58	-0.26	-1.18	-0.26	-1.18	0.06
		425	8.69	6.20	4.71	4.98	5.93	0.57	0.01	-0.71	-0.01	-0.68	0.13
		426	8.23	4.92	3.91	3.91	4.92	-9.78e-03	-0.12	-0.76	-0.12	-0.76	0.05
322	4	407	20.90	8.84	-0.02	2.76e-03	8.82	-0.42	-1.04	-2.54	-1.20	-2.39	-0.45
		406	20.39	10.68	2.02	2.03	10.68	-0.07	-0.65	-2.13	-0.83	-1.94	-0.49
		425	12.18	10.94	0.02	0.60	10.36	-2.46	0.01	-0.54	-0.33	-0.19	-0.27
		426	11.98	9.35	-2.19	-1.67	8.83	-2.40	-0.35	-0.87	-0.69	-0.53	-0.24
323	1	408	23.48	11.38	7.57	10.63	8.32	1.52	-0.60	-3.13	-0.61	-3.12	0.13
		407	24.75	14.48	8.18	12.25	10.41	3.02	-0.46	-3.05	-0.50	-3.01	0.32
		426	19.01	13.91	8.45	13.66	8.69	1.12	0.12	-2.22	0.07	-2.16	0.35
		427	17.24	11.62	7.00	11.60	7.03	-0.34	-0.03	-2.12	-0.03	-2.11	0.10
323	2	408	57.51	18.31	-5.33	-5.21	18.19	-1.69	-3.81	-7.95	-4.11	-7.65	-1.06
		407	55.30	21.96	-0.76	-0.66	21.86	-1.53	-2.86	-6.98	-3.27	-6.57	-1.23
		426	32.02	23.55	-6.93	-5.25	21.86	-6.96	-0.93	-2.30	-1.85	-1.38	-0.65
		427	33.83	20.08	-11.61	-10.38	18.85	-6.12	-1.84	-3.04	-2.68	-2.21	-0.55
323	3	408	11.49	4.62	2.90	3.04	4.49	0.46	-0.47	-1.45	-0.47	-1.45	-0.04
		407	11.77	5.88	3.41	3.85	5.44	0.94	-0.38	-1.33	-0.38	-1.33	1.44e-03
		426	8.22	4.91	3.90	3.90	4.91	-0.02	-0.12	-0.76	-0.12	-0.76	0.05
		427	7.79	4.25	2.79	2.91	4.13	-0.41	-0.21	-0.81	-0.21	-0.81	-0.01
323	4	408	21.68	7.44	-1.68	-1.66	7.41	-0.49	-1.40	-2.90	-1.51	-2.79	-0.39
		407	20.94	8.85	7.67e-03	0.03	8.83	-0.41	-1.04	-2.55	-1.20	-2.39	-0.46
		426	11.99	9.34	-2.23	-1.71	8.81	-2.41	-0.35	-0.86	-0.69	-0.53	-0.24
		427	12.55	8.02	-3.98	-3.60	7.63	-2.12	-0.70	-1.14	-1.00	-0.83	-0.21
324	1	409	22.23	9.08	6.71	9.02	6.77	0.35	-0.68	-3.15	-0.69	-3.15	-0.04
		408	23.48	11.39	7.57	10.63	8.34	1.53	-0.60	-3.13	-0.60	-3.12	0.13
		427	17.23	11.60	6.99	11.57	7.02	-0.34	-0.03	-2.11	-0.03	-2.11	0.10
		428	15.51	10.07	5.31	9.60	5.78	-1.42	-0.11	-2.01	-0.11	-2.00	-0.11
324	2	409	59.88	15.62	-8.89	-8.82	15.55	-1.32	-4.62	-8.74	-4.79	-8.56	-0.84
		408	57.57	18.34	-5.28	-5.16	18.22	-1.67	-3.81	-7.96	-4.11	-7.66	-1.07
		427	33.88	20.05	-11.69	-10.46	18.82	-6.13	-1.84	-3.04	-2.67	-2.21	-0.55
		428	36.59	17.35	-15.32	-14.60	16.63	-4.81	-2.66	-3.61	-3.36	-2.92	-0.42
324	3	409	11.26	3.80	2.28	2.29	3.78	0.12	-0.54	-1.53	-0.55	-1.52	-0.07
		408	11.50	4.63	2.90	3.04	4.49	0.47	-0.47	-1.45	-0.47	-1.45	-0.04
		427	7.78	4.25	2.77	2.90	4.12	-0.41	-0.21	-0.81	-0.21	-0.81	-0.01
		428	7.40	3.79	1.77	2.01	3.55	-0.66	-0.28	-0.83	-0.29	-0.83	-0.06
324	4	409	22.50	6.40	-3.01	-2.99	6.39	-0.37	-1.69	-3.20	-1.76	-3.13	-0.31
		408	21.70	7.45	-1.66	-1.64	7.42	-0.48	-1.39	-2.91	-1.51	-2.79	-0.40
		427	12.57	8.01	-4.02	-3.63	7.62	-2.13	-0.70	-1.14	-1.00	-0.84	-0.21
		428	13.52	6.99	-5.38	-5.16	6.77	-1.66	-1.00	-1.35	-1.25	-1.10	-0.16
325	1	410	21.01	7.66	5.48	7.50	5.64	-0.57	-0.73	-3.11	-0.74	-3.10	-0.18
		409	22.24	9.09	6.72	9.03	6.78	0.35	-0.68	-3.15	-0.68	-3.15	-0.04
		428	15.50	10.05	5.31	9.57	5.78	-1.42	-0.11	-2.00	-0.11	-2.00	-0.11
		429	13.92	8.95	3.71	7.75	4.92	-2.20	-0.13	-1.90	-0.18	-1.85	-0.28
325	2	410	61.99	13.84	-11.58	-11.57	13.82	-0.57	-5.24	-9.34	-5.32	-9.26	-0.57
		409	59.92	15.64	-8.85	-8.78	15.57	-1.31	-4.61	-8.75	-4.79	-8.57	-0.85
		428	36.65	17.33	-15.39	-14.67	16.61	-4.81	-2.66	-3.62	-3.36	-2.92	-0.42
		429	39.50	15.50	-18.14	-17.85	15.21	-3.14	-3.35	-4.02	-3.89	-3.48	-0.27
325	3	410	11.05	3.31	1.63	1.64	3.30	-0.11	-0.59	-1.57	-0.60	-1.56	-0.09
		409	11.27	3.80	2.29	2.30	3.79	0.13	-0.54	-1.53	-0.55	-1.52	-0.08



		428	7.40	3.79	1.76	2.00	3.55	-0.66	-0.28	-0.83	-0.29	-0.83	-0.06
		429	7.07	3.44	0.95	1.23	3.16	-0.79	-0.33	-0.85	-0.35	-0.82	-0.10
325	4	410	23.25	5.72	-4.01	-4.01	5.72	-0.12	-1.93	-3.42	-1.96	-3.39	-0.21
		409	22.51	6.41	-2.99	-2.98	6.40	-0.37	-1.69	-3.20	-1.76	-3.13	-0.32
		428	13.54	6.98	-5.41	-5.18	6.76	-1.66	-1.00	-1.35	-1.25	-1.10	-0.16
		429	14.57	6.30	-6.45	-6.36	6.21	-1.07	-1.26	-1.50	-1.45	-1.31	-0.10
326	1	411	19.81	6.90	4.10	6.11	4.89	-1.27	-0.74	-3.03	-0.78	-2.99	-0.29
		410	21.01	7.67	5.49	7.51	5.65	-0.56	-0.73	-3.11	-0.74	-3.10	-0.18
		429	13.91	8.93	3.71	7.73	4.91	-2.20	-0.13	-1.89	-0.18	-1.85	-0.28
		430	12.80	8.09	2.36	6.07	4.37	-2.74	-0.12	-1.79	-0.23	-1.67	-0.42
326	2	411	63.65	12.96	-13.49	-13.48	12.95	0.44	-5.66	-9.74	-5.68	-9.73	-0.26
		410	62.02	13.85	-11.55	-11.54	13.84	-0.56	-5.24	-9.35	-5.32	-9.27	-0.58
		429	39.54	15.49	-18.19	-17.89	15.19	-3.15	-3.35	-4.02	-3.89	-3.48	-0.27
		430	42.12	14.57	-20.18	-20.14	14.53	-1.24	-3.84	-4.27	-4.25	-3.86	-0.09
326	3	411	10.82	3.04	1.05	1.09	3.01	-0.27	-0.63	-1.58	-0.64	-1.56	-0.10
		410	11.05	3.31	1.64	1.65	3.30	-0.11	-0.59	-1.57	-0.60	-1.56	-0.10
		429	7.07	3.44	0.94	1.22	3.16	-0.79	-0.33	-0.85	-0.35	-0.82	-0.10
		430	6.79	3.21	0.30	0.56	2.95	-0.83	-0.35	-0.84	-0.39	-0.80	-0.13
326	4	411	23.86	5.40	-4.72	-4.72	5.39	0.24	-2.08	-3.56	-2.09	-3.56	-0.10
		410	23.26	5.73	-4.00	-4.00	5.73	-0.11	-1.93	-3.42	-1.96	-3.39	-0.22
		429	14.59	6.30	-6.46	-6.37	6.21	-1.07	-1.26	-1.50	-1.45	-1.31	-0.10
		430	15.55	5.97	-7.22	-7.20	5.96	-0.39	-1.44	-1.59	-1.58	-1.45	-0.03
327	1	412	18.65	6.46	2.86	4.85	4.47	-1.79	-0.72	-2.90	-0.79	-2.83	-0.38
		411	19.82	6.91	4.11	6.11	4.90	-1.26	-0.74	-3.03	-0.78	-2.99	-0.29
		430	12.79	8.07	2.35	6.05	4.37	-2.74	-0.12	-1.79	-0.23	-1.67	-0.42
		431	12.80	7.44	1.26	4.59	4.11	-3.08	-0.07	-1.68	-0.27	-1.49	-0.53
327	2	412	64.73	13.00	-14.68	-14.58	12.91	1.62	-5.87	-9.93	-5.87	-9.93	0.07
		411	63.67	12.96	-13.47	-13.46	12.96	0.45	-5.66	-9.75	-5.68	-9.73	-0.27
		430	42.14	14.56	-20.21	-20.17	14.52	-1.24	-3.84	-4.27	-4.25	-3.86	-0.09
		431	44.24	14.60	-21.53	-21.51	14.58	0.80	-4.02	-4.47	-4.45	-4.04	0.10
327	3	412	10.58	2.95	0.58	0.63	2.89	-0.36	-0.64	-1.55	-0.66	-1.53	-0.11
		411	10.82	3.04	1.05	1.09	3.01	-0.27	-0.63	-1.58	-0.64	-1.56	-0.11
		430	6.79	3.20	0.29	0.55	2.94	-0.83	-0.35	-0.84	-0.39	-0.80	-0.13
		431	6.56	3.10	-0.19	0.02	2.89	-0.80	-0.36	-0.82	-0.42	-0.76	-0.15
327	4	412	24.27	5.43	-5.17	-5.13	5.39	0.65	-2.16	-3.64	-2.16	-3.64	0.03
		411	23.86	5.40	-4.72	-4.71	5.40	0.24	-2.08	-3.57	-2.09	-3.56	-0.10
		430	15.56	5.96	-7.23	-7.22	5.95	-0.39	-1.44	-1.59	-1.58	-1.45	-0.03
		431	16.35	6.00	-7.72	-7.71	5.99	0.35	-1.51	-1.67	-1.66	-1.52	0.04
328	1	413	17.54	6.23	1.86	3.75	4.34	-2.17	-0.68	-2.74	-0.78	-2.63	-0.45
		412	18.66	6.46	2.87	4.86	4.48	-1.78	-0.72	-2.90	-0.79	-2.83	-0.38
		431	12.79	7.43	1.25	4.57	4.11	-3.08	-0.07	-1.68	-0.27	-1.49	-0.53
		432	12.90	7.01	0.40	3.30	4.11	-3.28	-2.55e-03	-1.58	-0.30	-1.29	-0.61
328	2	413	65.16	13.97	-15.19	-14.91	13.69	2.85	-5.84	-9.91	-5.89	-9.87	0.41
		412	64.74	13.00	-14.67	-14.58	12.91	1.63	-5.87	-9.93	-5.87	-9.93	0.06
		431	44.26	14.59	-21.54	-21.52	14.57	0.80	-4.02	-4.47	-4.45	-4.05	0.10
		432	45.84	15.57	-22.20	-21.98	15.35	2.87	-3.88	-4.62	-4.48	-4.02	0.29
328	3	413	10.33	3.00	0.22	0.28	2.94	-0.40	-0.65	-1.48	-0.66	-1.47	-0.10
		412	10.58	2.95	0.58	0.63	2.89	-0.36	-0.64	-1.55	-0.66	-1.53	-0.11
		431	6.56	3.09	-0.20	0.01	2.88	-0.80	-0.36	-0.82	-0.42	-0.76	-0.15
		432	6.39	3.13	-0.56	-0.40	2.97	-0.74	-0.36	-0.77	-0.43	-0.70	-0.16
328	4	413	24.46	5.82	-5.36	-5.25	5.72	1.09	-2.15	-3.63	-2.17	-3.61	0.15
		412	24.27	5.43	-5.16	-5.12	5.39	0.65	-2.16	-3.64	-2.16	-3.64	0.02
		431	16.36	5.99	-7.73	-7.72	5.99	0.35	-1.51	-1.67	-1.66	-1.52	0.04
		432	16.98	6.39	-7.98	-7.89	6.31	1.09	-1.45	-1.73	-1.67	-1.51	0.11
329	1	414	16.48	6.20	1.06	2.81	4.46	-2.43	-0.62	-2.54	-0.76	-2.40	-0.50
		413	17.54	6.23	1.86	3.76	4.34	-2.16	-0.68	-2.74	-0.78	-2.63	-0.45
		432	12.89	7.00	0.39	3.29	4.11	-3.28	-2.76e-03	-1.58	-0.29	-1.29	-0.61
		433	13.06	6.80	-0.26	2.21	4.33	-3.37	0.08	-1.47	-0.31	-1.09	-0.67
329	2	414	64.96	15.87	-15.01	-14.47	15.34	4.03	-5.59	-9.68	-5.73	-9.54	0.75
		413	65.16	13.97	-15.19	-14.91	13.69	2.86	-5.84	-9.91	-5.88	-9.87	0.40
		432	45.84	15.57	-22.20	-21.98	15.35	2.87	-3.88	-4.62	-4.48	-4.02	0.29
		433	46.96	17.48	-22.19	-21.58	16.87	4.87	-3.50	-4.62	-4.34	-3.78	0.49
329	3	414	10.06	3.21	-0.03	0.03	3.16	-0.42	-0.63	-1.39	-0.64	-1.38	-0.09
		413	10.33	3.00	0.22	0.28	2.94	-0.40	-0.65	-1.48	-0.66	-1.47	-0.10
		432	6.39	3.13	-0.56	-0.41	2.97	-0.74	-0.36	-0.77	-0.43	-0.70	-0.16
		433	6.27	3.31	-0.81	-0.70	3.21	-0.64	-0.33	-0.71	-0.42	-0.62	-0.16
329	4	414	24.45	6.57	-5.28	-5.09	6.38	1.50	-2.06	-3.55	-2.11	-3.49	0.28
		413	24.46	5.82	-5.36	-5.25	5.71	1.09	-2.15	-3.63	-2.17	-3.61	0.15
		432	16.98	6.39	-7.97	-7.89	6.31	1.09	-1.45	-1.73	-1.67	-1.51	0.11
		433	17.44	7.14	-7.97	-7.75	6.92	1.80	-1.31	-1.73	-1.62	-1.42	0.18
330	1	415	15.49	6.39	0.45	2.02	4.82	-2.62	-0.54	-2.31	-0.72	-2.13	-0.53
		414	16.48	6.20	1.07	2.81	4.46	-2.43	-0.62	-2.54	-0.76	-2.40	-0.50
		433	13.06	6.80	-0.27	2.20	4.33	-3.37	0.08	-1.47	-0.31	-1.09	-0.67
		434	13.29	6.83	-0.75	1.32	4.76	-3.38	0.18	-1.37	-0.30	-0.88	-0.72
330	2	415	64.24	18.70	-14.09	-13.30	17.91	5.04	-5.11	-9.24	-5.41	-8.95	1.07
		414	64.95	15.87	-15.02	-14.48	15.33	4.05	-5.59	-9.68	-5.73	-9.54	0.73
		433	46.98	17.48	-22.16	-21.56	16.88	4.87	-3.51	-4.63	-4.35	-3.78	0.48



330	3	434	47.76	20.25	-21.43	-20.33	19.15	6.66	-2.94	-4.44	-4.03	-3.35	0.66
		415	9.79	3.58	-0.17	-0.13	3.53	-0.42	-0.60	-1.26	-0.60	-1.25	-0.08
		414	10.06	3.21	-0.03	0.03	3.16	-0.41	-0.63	-1.39	-0.64	-1.38	-0.09
		433	6.27	3.31	-0.81	-0.71	3.21	-0.64	-0.33	-0.71	-0.42	-0.62	-0.16
330	4	434	6.20	3.64	-0.95	-0.89	3.58	-0.54	-0.29	-0.64	-0.40	-0.53	-0.16
		415	24.26	7.69	-4.94	-4.67	7.41	1.85	-1.88	-3.39	-1.99	-3.27	0.40
		414	24.44	6.57	-5.29	-5.09	6.38	1.51	-2.06	-3.55	-2.11	-3.49	0.27
		433	17.45	7.14	-7.96	-7.75	6.93	1.80	-1.31	-1.73	-1.62	-1.42	0.18
331	1	434	17.82	8.23	-7.69	-7.31	7.84	2.44	-1.11	-1.66	-1.50	-1.26	0.25
		416	14.56	6.79	-6.10e-03	1.38	5.40	-2.74	-0.44	-2.06	-0.66	-1.84	-0.55
		415	15.49	6.39	0.46	2.02	4.82	-2.61	-0.54	-2.31	-0.72	-2.13	-0.53
		434	13.29	6.83	-0.76	1.31	4.76	-3.38	0.18	-1.36	-0.30	-0.88	-0.71
331	2	435	13.64	7.09	-1.10	0.61	5.38	-3.33	0.28	-1.25	-0.29	-0.68	-0.74
		416	63.18	22.44	-12.40	-11.44	21.48	5.69	-4.42	-8.60	-4.92	-8.10	1.35
		415	64.21	18.68	-14.12	-13.32	17.89	5.06	-5.11	-9.23	-5.40	-8.94	1.05
		434	47.83	20.26	-21.38	-20.29	19.17	6.66	-2.95	-4.45	-4.05	-3.35	0.67
331	3	435	48.40	23.80	-19.82	-18.27	22.25	8.07	-2.23	-4.07	-3.56	-2.74	0.82
		416	9.55	4.12	-0.24	-0.19	4.07	-0.43	-0.54	-1.11	-0.55	-1.11	-0.06
		415	9.79	3.58	-0.17	-0.13	3.53	-0.42	-0.59	-1.26	-0.60	-1.25	-0.08
		434	6.20	3.65	-0.95	-0.89	3.58	-0.54	-0.29	-0.64	-0.40	-0.53	-0.16
331	4	435	6.19	4.13	-1.01	-0.97	4.09	-0.45	-0.24	-0.55	-0.36	-0.43	-0.15
		416	23.98	9.16	-4.32	-3.99	8.84	2.07	-1.62	-3.15	-1.81	-2.96	0.51
		415	24.25	7.68	-4.95	-4.67	7.40	1.86	-1.88	-3.38	-1.99	-3.27	0.39
		434	17.84	8.23	-7.67	-7.29	7.85	2.43	-1.11	-1.67	-1.51	-1.26	0.25
332	1	435	18.16	9.62	-7.09	-6.56	9.09	2.93	-0.84	-1.52	-1.33	-1.04	0.31
		417	13.72	7.43	-0.34	0.90	6.19	-2.84	-0.32	-1.79	-0.58	-1.53	-0.56
		416	14.56	6.79	-1.03e-04	1.39	5.40	-2.74	-0.44	-2.06	-0.66	-1.84	-0.56
		435	13.64	7.10	-1.11	0.60	5.38	-3.34	0.28	-1.25	-0.29	-0.68	-0.74
332	2	436	14.14	7.59	-1.33	0.09	6.17	-3.27	0.39	-1.13	-0.26	-0.48	-0.75
		417	62.12	27.10	-9.87	-8.95	26.18	5.76	-3.54	-7.77	-4.27	-7.03	1.60
		416	63.13	22.42	-12.44	-11.47	21.45	5.72	-4.41	-8.57	-4.89	-8.09	1.33
		435	48.63	23.83	-19.75	-18.20	22.28	8.06	-2.24	-4.12	-3.61	-2.75	0.84
332	3	436	49.02	27.97	-17.21	-15.40	26.16	8.86	-1.37	-3.51	-2.91	-1.96	0.96
		417	9.35	4.83	-0.22	-0.17	4.78	-0.49	-0.48	-0.94	-0.48	-0.94	-0.04
		416	9.54	4.11	-0.24	-0.19	4.07	-0.43	-0.54	-1.11	-0.55	-1.11	-0.06
		435	6.19	4.13	-1.00	-0.96	4.09	-0.46	-0.24	-0.55	-0.36	-0.43	-0.15
332	4	436	6.24	4.76	-0.97	-0.93	4.73	-0.42	-0.16	-0.45	-0.30	-0.31	-0.15
		417	23.73	11.01	-3.39	-3.09	10.70	2.06	-1.29	-2.85	-1.57	-2.57	0.60
		416	23.97	9.15	-4.33	-4.00	8.83	2.08	-1.62	-3.14	-1.80	-2.96	0.50
		435	18.25	9.63	-7.06	-6.54	9.10	2.92	-0.84	-1.54	-1.35	-1.04	0.31
333	1	436	18.54	11.26	-6.13	-5.52	10.65	3.18	-0.52	-1.32	-1.09	-0.75	0.36
		418	12.96	8.29	-0.58	0.55	7.15	-2.96	-0.17	-1.50	-0.48	-1.19	-0.56
		417	13.72	7.42	-0.34	0.90	6.19	-2.84	-0.32	-1.79	-0.58	-1.53	-0.57
		436	14.15	7.60	-1.34	0.08	6.18	-3.27	0.40	-1.13	-0.26	-0.48	-0.75
333	2	437	14.86	8.30	-1.45	-0.24	7.10	-3.21	0.52	-1.00	-0.21	-0.27	-0.76
		418	61.54	32.71	-6.51	-5.90	32.10	4.86	-2.53	-6.78	-3.52	-5.79	1.79
		417	62.05	27.08	-9.94	-9.00	26.14	5.82	-3.49	-7.71	-4.19	-7.01	1.57
		436	49.72	28.04	-17.11	-15.31	26.24	8.84	-1.40	-3.65	-3.05	-1.99	0.99
333	3	437	49.52	32.52	-13.41	-11.69	30.81	8.70	-0.38	-2.73	-2.06	-1.04	1.06
		418	9.24	5.73	-0.15	-0.08	5.66	-0.64	-0.39	-0.75	-0.40	-0.75	-0.03
		417	9.34	4.82	-0.22	-0.18	4.78	-0.48	-0.47	-0.94	-0.48	-0.93	-0.05
		436	6.23	4.77	-0.96	-0.93	4.74	-0.42	-0.17	-0.46	-0.31	-0.31	-0.14
333	4	437	6.33	5.52	-0.83	-0.79	5.49	-0.46	-0.06	-0.35	-0.23	-0.18	-0.14
		418	23.70	13.23	-2.18	-1.99	13.05	1.68	-0.92	-2.49	-1.30	-2.11	0.67
		417	23.71	11.00	-3.42	-3.11	10.69	2.08	-1.28	-2.83	-1.54	-2.56	0.59
		436	18.79	11.28	-6.09	-5.49	10.68	3.17	-0.53	-1.37	-1.14	-0.76	0.37
334	1	437	18.91	13.06	-4.73	-4.19	12.51	3.06	-0.15	-1.03	-0.77	-0.41	0.40
		419	12.20	9.35	-0.74	0.35	8.25	-3.14	-2.43e-03	-1.21	-0.37	-0.84	-0.56
		418	12.99	8.28	-0.58	0.55	7.16	-2.95	-0.18	-1.51	-0.49	-1.20	-0.56
		437	14.88	8.32	-1.46	-0.25	7.11	-3.22	0.52	-1.00	-0.21	-0.27	-0.76
334	2	438	15.86	9.19	-1.43	-0.36	8.13	-3.19	0.65	-0.87	-0.15	-0.07	-0.76
		419	61.86	39.37	-2.59	-2.46	39.24	2.32	-1.56	-5.64	-2.78	-4.42	1.87
		418	61.53	32.66	-6.61	-5.97	32.02	4.96	-2.34	-6.65	-3.26	-5.73	1.77
		437	51.52	32.68	-13.27	-11.59	30.99	8.64	-0.49	-3.16	-2.50	-1.15	1.15
334	3	438	48.88	36.92	-8.02	-6.89	35.78	7.04	0.71	-1.64	-0.87	-0.07	1.11
		419	9.22	6.82	-0.07	0.06	6.68	-0.94	-0.31	-0.54	-0.31	-0.54	-0.02
		418	9.24	5.72	-0.16	-0.09	5.65	-0.62	-0.38	-0.75	-0.38	-0.74	-0.03
		437	6.31	5.54	-0.82	-0.79	5.51	-0.47	-0.08	-0.36	-0.26	-0.19	-0.13
334	4	438	7.20	6.36	-0.57	-0.51	6.30	-0.65	0.06	-0.23	-0.12	-0.05	-0.14
		419	24.04	15.89	-0.79	-0.77	15.87	0.67	-0.55	-2.07	-1.02	-1.60	0.70
		418	23.69	13.21	-2.21	-2.02	13.02	1.72	-0.85	-2.44	-1.20	-2.09	0.66
		437	19.64	13.12	-4.68	-4.15	12.58	3.04	-0.20	-1.19	-0.94	-0.45	0.43
335	1	438	18.89	14.82	-2.77	-2.44	14.49	2.38	0.25	-0.63	-0.33	-0.04	0.42
		420	14.11	10.52	-0.90	0.24	9.39	-3.41	0.28	-0.85	-0.21	-0.36	-0.56
		419	12.33	9.36	-0.72	0.36	8.28	-3.12	-0.04	-1.24	-0.41	-0.87	-0.55
		438	15.99	9.22	-1.45	-0.37	8.14	-3.21	0.68	-0.86	-0.14	-0.04	-0.77
		439	17.01	10.19	-1.24	-0.20	9.16	-3.28	0.79	-0.78	-0.07	0.08	-0.78



335	2	420	62.46	48.14	0.22	0.44	47.92	-3.22	-0.56	-3.95	-1.96	-2.55	1.67
		419	61.46	39.01	-2.65	-2.48	38.84	2.67	-1.00	-5.32	-2.12	-4.20	1.89
		438	53.67	37.56	-7.79	-6.71	36.49	6.91	0.18	-2.96	-2.31	-0.47	1.27
		439	42.54	39.50	-0.23	-0.05	39.32	2.65	1.79	-0.44	0.91	0.43	1.09
335	3	420	9.13	8.14	-0.11	0.19	7.84	-1.55	-0.18	-0.28	-0.20	-0.27	-0.04
		419	9.21	6.79	-0.06	0.06	6.66	-0.91	-0.27	-0.53	-0.27	-0.53	-0.02
		438	7.46	6.43	-0.57	-0.50	6.36	-0.68	1.83e-03	-0.29	-0.22	-0.07	-0.13
		439	7.90	7.17	-0.17	5.05e-03	7.00	-1.11	0.18	-0.10	0.03	0.04	-0.14
335	4	420	24.57	19.37	0.13	0.25	19.26	-1.49	-0.18	-1.45	-0.71	-0.92	0.63
		419	23.87	15.76	-0.82	-0.78	15.72	0.81	-0.35	-1.94	-0.78	-1.52	0.71
		438	20.61	15.07	-2.69	-2.38	14.76	2.32	0.05	-1.11	-0.86	-0.20	0.48
		439	16.79	15.96	0.02	0.05	15.93	0.65	0.66	-0.19	0.32	0.14	0.41
336	1	85	16.65	11.71	-1.55	-0.35	10.51	-3.79	1.13	-0.06	0.73	0.34	-0.56
		420	14.46	10.70	-0.79	0.42	9.48	-3.53	0.19	-0.93	-0.35	-0.39	-0.56
		439	17.53	9.97	-1.31	-0.36	9.02	-3.13	0.82	-0.88	-0.15	0.10	-0.84
		9	16.10	11.42	-0.53	0.97	9.92	-3.96	0.79	-0.34	0.27	0.18	-0.56
336	2	85	63.03	55.20	0.53	1.83	53.90	-8.33	5.13	0.31	2.99	2.45	2.39
		420	59.95	47.66	-2.52	-2.37	47.51	-2.76	0.10	-3.13	-1.22	-1.81	1.59
		439	44.85	41.37	5.84	5.91	41.31	1.53	-1.04	-3.84	-3.30	-1.58	1.10
		9	61.20	44.25	-0.34	2.36	41.55	-10.64	4.08	-0.11	3.90	0.07	0.86
336	3	85	10.14	9.25	-0.47	0.04	8.74	-2.17	0.40	0.29	0.40	0.29	0.02
		420	8.98	8.14	-0.27	0.03	7.84	-1.55	-0.16	-0.25	-0.18	-0.22	-0.04
		439	8.12	7.30	0.22	0.41	7.11	-1.16	-0.01	-0.37	-0.29	-0.10	-0.15
		9	8.71	8.28	-0.25	0.52	7.51	-2.45	0.38	0.02	0.35	0.05	-0.10
336	4	85	24.94	22.17	0.11	0.68	21.59	-3.52	1.89	0.09	1.07	0.92	0.90
		420	23.70	19.20	-0.89	-0.80	19.11	-1.32	0.07	-1.15	-0.43	-0.64	0.60
		439	17.99	16.68	2.27	2.27	16.67	0.22	-0.38	-1.44	-1.22	-0.60	0.42
		9	24.21	18.03	-0.21	0.94	16.88	-4.43	1.49	-0.05	1.43	0.02	0.32
337	1	9	16.82	11.94	-0.61	1.17	10.16	-4.38	0.65	-0.62	0.08	-0.05	-0.63
		439	17.19	10.84	-2.00	-0.29	9.13	-4.36	0.42	-1.02	-0.27	-0.33	-0.72
		440	17.38	10.39	-1.74	-0.34	8.98	-3.88	0.57	-0.86	-0.30	9.79e-03	-0.70
		67	19.21	11.45	-1.94	-0.64	10.15	-3.97	1.20	-0.49	0.41	0.30	-0.84
337	2	9	57.65	44.11	-2.76	1.52	39.83	-13.50	5.13	1.84	4.74	2.23	1.06
		439	55.82	46.91	-5.95e-03	5.82	41.08	-15.47	0.85	-3.37	-2.63	0.11	1.60
		440	49.69	37.54	-7.31	-5.50	35.73	-8.82	-0.20	-1.90	-0.83	-1.27	0.82
		67	57.59	45.36	-5.39	0.97	39.01	-16.79	2.76	0.30	2.28	0.78	0.98
337	3	9	9.54	8.38	-0.45	0.51	7.42	-2.74	0.42	0.14	0.37	0.18	-0.11
		439	9.38	8.15	-0.60	0.43	7.12	-2.82	-0.04	-0.30	-0.27	-0.08	-0.09
		440	8.75	7.21	-1.09	-0.46	6.58	-2.20	0.06	-0.25	-0.13	-0.06	-0.15
		67	10.10	8.29	-1.15	-0.12	7.26	-2.94	0.36	8.87e-03	0.25	0.13	-0.17
337	4	9	22.66	17.93	-1.10	0.61	16.21	-5.45	1.90	0.71	1.75	0.86	0.40
		439	21.91	18.84	-0.01	2.24	16.59	-6.12	0.33	-1.24	-0.96	0.05	0.60
		440	19.72	15.28	-2.77	-1.99	14.51	-3.66	-0.05	-0.68	-0.29	-0.44	0.30
		67	22.94	18.34	-2.17	0.36	15.81	-6.74	0.99	0.08	0.80	0.27	0.37
338	1	439	17.46	10.80	-1.82	-0.19	9.17	-4.23	0.62	-0.84	-0.13	-0.10	-0.73
		438	16.79	9.62	-1.83	-0.33	8.13	-3.86	0.65	-0.89	-0.14	-0.10	-0.77
		441	16.79	9.23	-2.06	-0.63	7.81	-3.75	0.63	-0.97	-0.20	-0.15	-0.80
		440	17.22	10.35	-1.83	-0.36	8.89	-3.96	0.58	-0.90	-0.22	-0.10	-0.74
338	2	439	56.00	44.73	-5.14	-0.05	39.63	-15.10	2.73	-0.44	1.11	1.19	1.58
		438	49.24	38.71	-9.29	-6.79	36.20	-10.68	0.35	-2.75	-2.26	-0.14	1.14
		441	50.98	32.14	-8.55	-7.91	31.50	-5.08	-1.67	-3.43	-1.95	-3.14	0.65
		440	49.28	38.16	-4.98	-3.15	36.32	-8.70	-1.06	-2.63	-1.90	-1.79	0.78
338	3	439	9.23	7.97	-0.93	8.22e-03	7.03	-2.74	0.14	-0.05	0.03	0.05	-0.09
		438	8.80	6.98	-1.15	-0.50	6.33	-2.21	0.02	-0.30	-0.22	-0.06	-0.14
		441	7.47	6.26	-1.15	-0.69	5.80	-1.79	-0.03	-0.40	-0.20	-0.24	-0.18
		440	8.66	7.25	-0.95	-0.29	6.59	-2.22	3.21e-03	-0.33	-0.19	-0.13	-0.16
338	4	439	22.12	18.03	-1.92	0.05	16.06	-5.96	1.01	-0.18	0.40	0.43	0.59
		438	19.31	15.64	-3.40	-2.41	14.65	-4.23	0.12	-1.03	-0.84	-0.07	0.43
		441	19.92	13.12	-3.14	-2.84	12.82	-2.19	-0.60	-1.24	-0.72	-1.13	0.24
		440	19.51	15.51	-1.91	-1.12	14.72	-3.63	-0.37	-0.95	-0.69	-0.63	0.29
339	1	438	16.65	9.58	-1.82	-0.36	8.12	-3.81	0.63	-0.89	-0.16	-0.11	-0.76
		437	15.26	8.45	-1.59	-0.24	7.10	-3.43	0.52	-1.01	-0.21	-0.28	-0.77
		442	16.41	8.30	-2.03	-0.56	6.83	-3.61	0.69	-0.95	-0.16	-0.10	-0.82
		441	16.89	9.28	-2.05	-0.60	7.83	-3.78	0.63	-0.97	-0.20	-0.14	-0.80
339	2	438	47.99	38.35	-9.26	-6.84	35.93	-10.45	1.05	-1.72	-0.81	0.14	1.30
		437	44.33	31.80	-12.54	-11.60	30.86	-6.38	-0.48	-3.03	-2.48	-1.03	1.05
		442	50.18	27.88	-13.38	-13.30	27.80	-1.80	-2.68	-4.26	-3.01	-3.94	0.64
		441	49.86	32.24	-8.71	-8.12	31.65	-4.89	-2.15	-3.62	-2.61	-3.17	0.68
339	3	438	8.43	6.95	-1.14	-0.51	6.31	-2.17	0.05	-0.21	-0.12	-0.04	-0.12
		437	7.39	5.91	-1.21	-0.79	5.49	-1.68	-0.07	-0.37	-0.26	-0.18	-0.14
		442	6.88	5.43	-1.35	-1.03	5.11	-1.43	-0.08	-0.47	-0.27	-0.29	-0.19
		441	7.63	6.27	-1.16	-0.70	5.82	-1.79	-0.06	-0.43	-0.25	-0.24	-0.18
339	4	438	19.07	15.51	-3.38	-2.43	14.55	-4.14	0.38	-0.66	-0.31	0.03	0.49
		437	17.20	12.91	-4.54	-4.15	12.53	-2.56	-0.19	-1.14	-0.93	-0.40	0.39
		442	19.43	11.38	-4.86	-4.81	11.33	-0.89	-0.98	-1.55	-1.11	-1.42	0.24
		441	19.51	13.15	-3.20	-2.93	12.87	-2.12	-0.78	-1.32	-0.96	-1.14	0.26
340	1	437	15.21	8.44	-1.58	-0.24	7.10	-3.41	0.52	-1.01	-0.21	-0.28	-0.76



		436	13.87	7.44	-1.19	0.09	6.17	-3.06	0.40	-1.14	-0.26	-0.48	-0.76
		443	15.85	7.47	-1.84	-0.29	5.93	-3.46	0.74	-0.92	-0.13	-0.06	-0.83
		442	16.44	8.30	-2.04	-0.56	6.83	-3.62	0.69	-0.96	-0.17	-0.10	-0.82
340	2	437	42.72	31.77	-12.59	-11.67	30.85	-6.31	-0.23	-2.73	-2.03	-0.94	1.13
		436	43.03	26.44	-15.59	-15.32	26.17	-3.36	-1.34	-3.56	-3.02	-1.89	0.96
		443	49.56	24.15	-17.57	-17.57	24.14	0.23	-3.51	-4.91	-3.83	-4.59	0.59
		442	49.66	27.83	-13.37	-13.29	27.75	-1.82	-2.89	-4.32	-3.25	-3.96	0.62
340	3	437	7.25	5.91	-1.20	-0.79	5.49	-1.67	-0.06	-0.34	-0.22	-0.17	-0.14
		436	6.22	5.01	-1.21	-0.93	4.73	-1.29	-0.16	-0.46	-0.31	-0.30	-0.15
		443	6.38	4.68	-1.47	-1.24	4.45	-1.17	-0.12	-0.52	-0.32	-0.32	-0.20
		442	6.95	5.42	-1.35	-1.03	5.11	-1.43	-0.09	-0.48	-0.29	-0.29	-0.19
340	4	437	16.98	12.90	-4.55	-4.18	12.53	-2.53	-0.10	-1.03	-0.76	-0.37	0.42
		436	16.44	10.78	-5.61	-5.49	10.66	-1.38	-0.51	-1.34	-1.13	-0.72	0.36
		443	19.04	9.85	-6.36	-6.36	9.85	-0.08	-1.28	-1.80	-1.41	-1.67	0.22
		442	19.24	11.36	-4.85	-4.80	11.31	-0.90	-1.05	-1.58	-1.20	-1.43	0.23
341	1	436	13.85	7.44	-1.18	0.09	6.17	-3.06	0.40	-1.14	-0.26	-0.49	-0.76
		435	12.68	6.61	-0.63	0.61	5.38	-2.73	0.28	-1.27	-0.29	-0.70	-0.75
		444	15.22	6.82	-1.49	0.18	5.15	-3.33	0.78	-0.87	-0.07	-0.02	-0.82
		443	15.86	7.47	-1.84	-0.30	5.92	-3.46	0.74	-0.92	-0.13	-0.06	-0.83
341	2	436	42.49	26.44	-15.65	-15.39	26.17	-3.34	-1.25	-3.48	-2.88	-1.85	0.99
		435	43.68	22.29	-18.25	-18.21	22.25	-1.27	-2.15	-4.05	-3.57	-2.63	0.83
		444	49.24	21.00	-20.88	-20.83	20.95	1.40	-4.16	-5.41	-4.43	-5.14	0.51
		443	49.40	24.12	-17.54	-17.54	24.12	0.21	-3.59	-4.92	-3.90	-4.61	0.56
341	3	436	6.19	5.01	-1.21	-0.93	4.73	-1.28	-0.15	-0.45	-0.30	-0.30	-0.15
		435	6.11	4.27	-1.15	-0.96	4.09	-0.99	-0.23	-0.55	-0.36	-0.42	-0.16
		444	5.92	4.06	-1.50	-1.31	3.88	-0.99	-0.15	-0.55	-0.34	-0.35	-0.20
		443	6.41	4.68	-1.47	-1.24	4.45	-1.17	-0.12	-0.52	-0.32	-0.32	-0.20
341	4	436	16.24	10.77	-5.63	-5.52	10.66	-1.37	-0.48	-1.31	-1.08	-0.71	0.37
		435	16.47	9.11	-6.56	-6.54	9.09	-0.55	-0.81	-1.52	-1.33	-0.99	0.31
		444	18.78	8.57	-7.55	-7.54	8.56	0.41	-1.53	-1.98	-1.64	-1.87	0.19
		443	18.98	9.84	-6.35	-6.35	9.84	-0.08	-1.31	-1.80	-1.44	-1.67	0.21
342	1	435	12.68	6.62	-0.63	0.61	5.38	-2.73	0.28	-1.27	-0.29	-0.70	-0.75
		434	11.70	5.99	0.08	1.31	4.75	-2.40	0.17	-1.40	-0.31	-0.91	-0.72
		445	14.54	6.38	-1.00	0.86	4.52	-3.20	0.81	-0.80	8.04e-04	6.11e-03	-0.81
		444	15.23	6.82	-1.49	0.18	5.15	-3.33	0.78	-0.87	-0.07	-0.02	-0.82
342	2	435	43.51	22.29	-18.30	-18.26	22.25	-1.27	-2.12	-4.02	-3.52	-2.61	0.83
		434	44.82	19.15	-20.29	-20.29	19.15	0.20	-2.84	-4.38	-4.00	-3.22	0.67
		445	48.98	18.44	-23.24	-23.14	18.34	1.98	-4.67	-5.76	-4.87	-5.56	0.42
		444	49.20	20.99	-20.86	-20.81	20.94	1.39	-4.20	-5.40	-4.46	-5.14	0.49
342	3	435	6.12	4.27	-1.15	-0.96	4.09	-0.98	-0.23	-0.55	-0.36	-0.42	-0.16
		434	6.16	3.70	-1.01	-0.89	3.58	-0.74	-0.29	-0.64	-0.40	-0.53	-0.16
		445	5.46	3.56	-1.42	-1.26	3.41	-0.86	-0.16	-0.57	-0.35	-0.38	-0.20
		444	5.93	4.06	-1.50	-1.31	3.88	-0.99	-0.15	-0.55	-0.35	-0.35	-0.20
342	4	435	16.41	9.11	-6.58	-6.56	9.09	-0.55	-0.80	-1.50	-1.31	-0.99	0.31
		434	16.75	7.84	-7.29	-7.29	7.84	0.03	-1.07	-1.64	-1.49	-1.21	0.25
		445	18.58	7.53	-8.40	-8.38	7.50	0.67	-1.71	-2.11	-1.80	-2.03	0.16
		444	18.77	8.57	-7.54	-7.53	8.56	0.41	-1.54	-1.98	-1.64	-1.87	0.19
343	1	434	11.71	5.99	0.09	1.32	4.76	-2.40	0.17	-1.40	-0.31	-0.91	-0.73
		433	10.97	5.57	0.96	2.20	4.32	-2.05	0.07	-1.52	-0.32	-1.13	-0.68
		446	13.84	6.18	-0.36	1.75	4.06	-3.06	0.83	-0.72	0.09	0.03	-0.77
		445	14.56	6.38	-1.00	0.86	4.52	-3.20	0.81	-0.80	2.51e-04	6.34e-03	-0.81
343	2	434	44.77	19.15	-20.33	-20.33	19.15	0.20	-2.83	-4.37	-3.99	-3.21	0.67
		433	45.64	16.90	-21.60	-21.55	16.86	1.29	-3.38	-4.56	-4.30	-3.64	0.49
		446	49.29	16.47	-24.62	-24.51	16.36	2.16	-5.02	-5.98	-5.14	-5.85	0.33
		445	48.97	18.43	-23.22	-23.13	18.34	1.97	-4.69	-5.75	-4.87	-5.56	0.41
343	3	434	6.16	3.70	-1.01	-0.89	3.58	-0.74	-0.29	-0.64	-0.40	-0.53	-0.16
		433	6.30	3.27	-0.77	-0.70	3.21	-0.52	-0.33	-0.72	-0.42	-0.63	-0.16
		446	5.03	3.19	-1.22	-1.09	3.05	-0.77	-0.17	-0.57	-0.35	-0.39	-0.20
		445	5.47	3.56	-1.42	-1.26	3.41	-0.86	-0.16	-0.57	-0.36	-0.38	-0.21
343	4	434	16.73	7.84	-7.30	-7.30	7.84	0.03	-1.06	-1.64	-1.49	-1.21	0.25
		433	16.96	6.93	-7.76	-7.74	6.92	0.47	-1.27	-1.70	-1.60	-1.37	0.18
		446	18.37	6.74	-8.91	-8.87	6.70	0.78	-1.85	-2.19	-1.90	-2.13	0.12
		445	18.57	7.53	-8.40	-8.37	7.50	0.67	-1.72	-2.10	-1.80	-2.03	0.15
344	1	433	10.98	5.58	0.96	2.21	4.33	-2.05	0.07	-1.52	-0.32	-1.13	-0.68
		432	11.20	5.40	1.99	3.29	4.10	-1.66	-0.02	-1.64	-0.31	-1.35	-0.62
		447	13.13	6.24	0.41	2.87	3.78	-2.88	0.84	-0.61	0.19	0.04	-0.72
		446	13.85	6.18	-0.37	1.75	4.06	-3.06	0.83	-0.72	0.09	0.03	-0.78
344	2	433	45.62	16.90	-21.62	-21.57	16.86	1.28	-3.38	-4.55	-4.29	-3.64	0.48
		432	45.66	15.47	-22.09	-21.97	15.34	2.16	-3.74	-4.56	-4.43	-3.87	0.30
		447	49.82	15.11	-25.02	-24.91	15.00	2.11	-5.20	-6.08	-5.27	-6.01	0.23
		446	49.28	16.47	-24.61	-24.50	16.36	2.15	-5.03	-5.98	-5.15	-5.86	0.31
344	3	433	6.30	3.27	-0.77	-0.70	3.21	-0.52	-0.33	-0.72	-0.42	-0.63	-0.16
		432	6.51	3.00	-0.43	-0.41	2.97	-0.31	-0.36	-0.78	-0.43	-0.71	-0.16
		447	4.81	2.94	-0.90	-0.77	2.82	-0.68	-0.16	-0.56	-0.33	-0.40	-0.20
		446	5.03	3.19	-1.22	-1.09	3.05	-0.77	-0.17	-0.57	-0.35	-0.39	-0.20
344	4	433	16.95	6.93	-7.77	-7.75	6.92	0.47	-1.27	-1.70	-1.60	-1.37	0.18
		432	16.92	6.35	-7.94	-7.89	6.30	0.82	-1.40	-1.70	-1.65	-1.45	0.11



		447	18.35	6.18	-9.05	-9.01	6.14	0.80	-1.92	-2.22	-1.94	-2.19	0.09
		446	18.37	6.74	-8.90	-8.86	6.70	0.78	-1.85	-2.18	-1.90	-2.13	0.12
345	1	432	11.21	5.41	2.00	3.30	4.10	-1.66	-0.02	-1.64	-0.31	-1.35	-0.63
		431	12.24	5.55	3.13	4.58	4.11	-1.19	-0.09	-1.77	-0.29	-1.57	-0.54
		448	12.49	6.61	1.31	4.22	3.70	-2.63	0.83	-0.49	0.31	0.03	-0.65
		447	13.14	6.24	0.41	2.87	3.78	-2.88	0.84	-0.61	0.19	0.04	-0.72
345	2	432	45.64	15.47	-22.10	-21.97	15.35	2.15	-3.74	-4.55	-4.43	-3.87	0.29
		431	44.61	14.80	-21.75	-21.51	14.56	2.95	-3.87	-4.42	-4.40	-3.89	0.10
		448	48.86	14.35	-24.44	-24.34	14.25	1.95	-5.21	-6.05	-5.23	-6.03	0.13
		447	49.82	15.11	-25.02	-24.91	14.99	2.10	-5.21	-6.07	-5.27	-6.01	0.22
345	3	432	6.51	3.00	-0.43	-0.40	2.97	-0.31	-0.36	-0.78	-0.43	-0.71	-0.16
		431	6.78	2.89	0.01	0.01	2.88	-0.08	-0.36	-0.83	-0.42	-0.77	-0.15
		448	4.66	2.82	-0.43	-0.33	2.71	-0.59	-0.16	-0.53	-0.29	-0.40	-0.18
		447	4.81	2.94	-0.90	-0.78	2.82	-0.68	-0.16	-0.56	-0.33	-0.40	-0.20
345	4	432	16.91	6.35	-7.94	-7.89	6.30	0.82	-1.40	-1.70	-1.65	-1.45	0.11
		431	16.51	6.08	-7.81	-7.72	5.98	1.15	-1.45	-1.65	-1.64	-1.46	0.04
		448	17.97	5.87	-8.83	-8.79	5.83	0.77	-1.92	-2.21	-1.93	-2.20	0.05
		447	18.34	6.18	-9.05	-9.01	6.14	0.79	-1.92	-2.22	-1.94	-2.19	0.08
346	1	431	12.24	5.56	3.14	4.59	4.11	-1.19	-0.09	-1.77	-0.29	-1.57	-0.54
		430	13.47	6.26	4.17	6.06	4.37	-0.61	-0.14	-1.89	-0.26	-1.78	-0.43
		449	12.09	7.31	2.33	5.82	3.83	-2.28	0.81	-0.36	0.44	0.01	-0.55
		448	12.51	6.61	1.31	4.22	3.70	-2.64	0.83	-0.49	0.31	0.03	-0.65
346	2	431	44.59	14.81	-21.74	-21.50	14.57	2.95	-3.88	-4.42	-4.40	-3.89	0.10
		430	42.41	14.92	-20.57	-20.16	14.51	3.78	-3.70	-4.22	-4.20	-3.72	-0.09
		449	46.35	14.21	-22.86	-22.77	14.12	1.81	-5.04	-5.91	-5.04	-5.91	0.03
		448	48.86	14.35	-24.45	-24.35	14.25	1.95	-5.21	-6.04	-5.23	-6.03	0.12
346	3	431	6.78	2.89	0.02	0.02	2.88	-0.08	-0.36	-0.83	-0.42	-0.77	-0.15
		430	7.10	2.96	0.54	0.56	2.94	0.18	-0.36	-0.86	-0.40	-0.82	-0.13
		449	4.59	2.81	0.18	0.27	2.72	-0.46	-0.14	-0.49	-0.24	-0.40	-0.16
		448	4.66	2.82	-0.44	-0.33	2.71	-0.59	-0.16	-0.54	-0.29	-0.40	-0.18
346	4	431	16.50	6.08	-7.81	-7.71	5.98	1.14	-1.45	-1.65	-1.64	-1.46	0.04
		430	15.69	6.11	-7.38	-7.21	5.95	1.48	-1.39	-1.57	-1.57	-1.40	-0.03
		449	17.43	5.81	-8.24	-8.20	5.77	0.75	-1.86	-2.15	-1.86	-2.15	0.01
		448	17.97	5.87	-8.83	-8.79	5.83	0.77	-1.92	-2.20	-1.93	-2.20	0.05
347	1	430	13.48	6.27	4.17	6.07	4.37	-0.61	-0.14	-1.89	-0.26	-1.78	-0.43
		429	14.91	7.74	4.90	7.73	4.91	0.11	-0.17	-2.03	-0.22	-1.98	-0.30
		450	12.19	8.41	3.44	7.66	4.19	-1.78	0.78	-0.23	0.57	-0.03	-0.41
		449	12.10	7.31	2.33	5.81	3.83	-2.29	0.81	-0.36	0.44	0.01	-0.55
347	2	430	42.37	14.92	-20.54	-20.13	14.52	3.78	-3.70	-4.22	-4.20	-3.72	-0.09
		429	39.10	15.85	-18.55	-17.88	15.18	4.75	-3.24	-3.96	-3.84	-3.35	-0.26
		450	45.19	14.70	-20.27	-20.18	14.61	1.78	-4.70	-5.65	-4.70	-5.65	-0.06
		449	46.35	14.20	-22.87	-22.79	14.12	1.80	-5.04	-5.90	-5.04	-5.90	0.02
347	3	430	7.10	2.96	0.55	0.56	2.94	0.18	-0.36	-0.86	-0.40	-0.82	-0.13
		429	7.48	3.28	1.10	1.22	3.16	0.50	-0.33	-0.87	-0.36	-0.85	-0.11
		450	4.62	2.92	0.96	1.00	2.87	-0.28	-0.11	-0.45	-0.17	-0.39	-0.13
		449	4.59	2.81	0.18	0.26	2.72	-0.46	-0.14	-0.50	-0.24	-0.40	-0.16
347	4	430	15.68	6.12	-7.37	-7.20	5.95	1.48	-1.39	-1.57	-1.56	-1.40	-0.03
		429	14.50	6.48	-6.64	-6.37	6.20	1.87	-1.22	-1.47	-1.43	-1.26	-0.10
		450	17.01	6.01	-7.29	-7.24	5.96	0.77	-1.73	-2.06	-1.73	-2.06	-0.02
		449	17.43	5.81	-8.25	-8.21	5.77	0.75	-1.86	-2.15	-1.86	-2.15	9.95e-03
348	1	429	14.92	7.75	4.90	7.75	4.91	0.11	-0.17	-2.03	-0.22	-1.98	-0.30
		428	16.55	9.85	5.51	9.59	5.78	1.04	-0.15	-2.17	-0.16	-2.16	-0.12
		451	13.20	9.98	4.60	9.76	4.81	-1.06	0.78	-0.14	0.72	-0.08	-0.24
		450	12.20	8.41	3.44	7.66	4.19	-1.78	0.78	-0.24	0.57	-0.03	-0.41
348	2	429	39.05	15.86	-18.51	-17.84	15.19	4.75	-3.23	-3.96	-3.84	-3.35	-0.27
		428	34.96	17.71	-15.76	-14.66	16.61	5.97	-2.57	-3.55	-3.32	-2.81	-0.42
		451	43.95	15.86	-16.65	-16.53	15.74	1.97	-4.19	-5.29	-4.21	-5.27	-0.14
		450	45.19	14.70	-20.29	-20.20	14.61	1.77	-4.69	-5.65	-4.70	-5.65	-0.07
348	3	429	7.48	3.28	1.11	1.23	3.16	0.50	-0.33	-0.88	-0.36	-0.85	-0.11
		428	7.91	3.95	1.60	2.01	3.55	0.89	-0.29	-0.87	-0.30	-0.86	-0.07
		451	4.77	3.17	1.89	1.89	3.17	-0.02	-0.07	-0.40	-0.09	-0.38	-0.08
		450	4.62	2.92	0.96	1.00	2.87	-0.28	-0.11	-0.45	-0.17	-0.39	-0.13
348	4	429	14.48	6.48	-6.63	-6.35	6.21	1.87	-1.21	-1.48	-1.43	-1.26	-0.10
		428	13.41	7.20	-5.62	-5.18	6.76	2.35	-0.97	-1.33	-1.24	-1.06	-0.16
		451	16.59	6.47	-5.96	-5.90	6.41	0.88	-1.54	-1.92	-1.55	-1.91	-0.05
		450	17.01	6.00	-7.30	-7.25	5.96	0.77	-1.73	-2.06	-1.73	-2.05	-0.02
349	1	428	16.55	9.87	5.51	9.60	5.77	1.04	-0.15	-2.17	-0.16	-2.16	-0.12
		427	18.36	12.50	6.10	11.58	7.02	2.24	-0.08	-2.31	-0.09	-2.30	0.09
		452	15.51	12.11	5.72	12.11	5.72	-0.04	0.87	-0.14	0.87	-0.14	-0.01
		451	13.21	9.98	4.59	9.76	4.81	-1.06	0.78	-0.14	0.72	-0.08	-0.24
349	2	428	34.91	17.72	-15.70	-14.60	16.61	5.97	-2.57	-3.56	-3.32	-2.81	-0.43
		427	34.73	20.65	-12.28	-10.45	18.82	7.55	-1.77	-2.99	-2.64	-2.12	-0.55
		452	42.80	17.76	-12.03	-11.81	17.54	2.50	-3.53	-4.82	-3.57	-4.79	-0.22
		451	43.96	15.85	-16.68	-16.56	15.73	1.97	-4.18	-5.29	-4.21	-5.27	-0.15
349	3	428	7.92	3.96	1.61	2.01	3.55	0.89	-0.29	-0.87	-0.30	-0.86	-0.07
		427	8.43	5.03	2.00	2.90	4.12	1.39	-0.23	-0.86	-0.23	-0.86	-0.02
		452	5.06	3.76	2.78	2.93	3.62	0.35	5.99e-03	-0.36	4.82e-03	-0.36	-0.02



		451	4.77	3.17	1.89	1.89	3.17	-0.03	-0.07	-0.40	-0.09	-0.38	-0.08
349	4	428	13.41	7.21	-5.60	-5.16	6.76	2.35	-0.97	-1.33	-1.24	-1.06	-0.16
		427	13.57	8.35	-4.36	-3.63	7.62	2.96	-0.67	-1.12	-0.99	-0.80	-0.20
		452	16.22	7.23	-4.26	-4.16	7.12	1.10	-1.30	-1.75	-1.31	-1.73	-0.08
		451	16.59	6.47	-5.97	-5.91	6.40	0.87	-1.54	-1.92	-1.55	-1.91	-0.06
350	1	427	18.37	12.52	6.09	11.60	7.01	2.24	-0.08	-2.31	-0.09	-2.30	0.09
		426	20.30	15.73	6.65	13.68	8.69	3.79	0.05	-2.44	2.75e-03	-2.39	0.34
		453	19.41	14.92	6.72	14.69	6.96	1.36	1.09	-0.26	1.04	-0.21	0.26
		452	15.51	12.10	5.72	12.10	5.72	-0.05	0.88	-0.14	0.87	-0.14	-0.01
350	2	427	34.74	20.66	-12.21	-10.38	18.82	7.55	-1.77	-3.00	-2.65	-2.12	-0.56
		426	36.02	24.93	-8.30	-5.24	21.87	9.61	-0.87	-2.27	-1.82	-1.32	-0.65
		453	41.97	20.51	-6.45	-5.99	20.05	3.48	-2.73	-4.26	-2.79	-4.21	-0.28
		452	42.81	17.75	-12.06	-11.85	17.54	2.49	-3.52	-4.82	-3.56	-4.78	-0.23
350	3	427	8.43	5.04	2.00	2.92	4.12	1.39	-0.23	-0.86	-0.23	-0.86	-0.02
		426	9.03	6.50	2.31	3.90	4.91	2.03	-0.14	-0.82	-0.14	-0.82	0.05
		453	5.48	5.04	3.30	4.12	4.23	0.87	0.12	-0.34	0.11	-0.33	0.06
		452	5.06	3.76	2.78	2.93	3.62	0.34	6.27e-03	-0.36	5.02e-03	-0.36	-0.02
350	4	427	13.57	8.36	-4.33	-3.60	7.62	2.97	-0.67	-1.12	-0.99	-0.80	-0.21
		426	14.11	10.02	-2.91	-1.70	8.82	3.76	-0.33	-0.85	-0.68	-0.50	-0.24
		453	16.00	8.32	-2.23	-2.01	8.11	1.50	-1.00	-1.54	-1.02	-1.52	-0.11
		452	16.23	7.22	-4.28	-4.17	7.12	1.10	-1.29	-1.75	-1.31	-1.73	-0.08
351	1	426	20.30	15.75	6.63	13.70	8.68	3.80	0.05	-2.44	2.20e-03	-2.39	0.34
		425	24.91	19.65	7.03	15.80	10.87	5.81	0.27	-2.55	0.12	-2.40	0.63
		454	25.12	18.56	7.46	17.48	8.55	3.30	1.43	-0.47	1.21	-0.26	0.60
		453	19.40	14.92	6.73	14.69	6.96	1.35	1.09	-0.26	1.04	-0.21	0.26
351	2	426	36.03	24.95	-8.23	-5.15	21.87	9.63	-0.87	-2.28	-1.83	-1.32	-0.65
		425	38.75	30.90	-4.05	1.02	25.83	12.31	0.09	-1.40	-0.87	-0.44	-0.72
		454	41.80	24.38	-0.12	0.97	23.28	5.06	-1.81	-3.63	-1.88	-3.56	-0.33
		453	41.99	20.50	-6.49	-6.04	20.04	3.47	-2.72	-4.26	-2.78	-4.21	-0.29
351	3	426	9.04	6.51	2.31	3.92	4.91	2.04	-0.14	-0.83	-0.14	-0.82	0.05
		425	9.75	8.36	2.56	4.98	5.93	2.86	-0.01	-0.78	-0.03	-0.76	0.13
		454	7.35	6.84	3.62	5.45	5.02	1.60	0.27	-0.34	0.23	-0.30	0.15
		453	5.48	5.04	3.30	4.11	4.23	0.86	0.12	-0.34	0.11	-0.33	0.06
351	4	426	14.11	10.03	-2.88	-1.67	8.82	3.76	-0.33	-0.85	-0.68	-0.50	-0.24
		425	15.19	12.32	-1.35	0.61	10.36	4.79	0.03	-0.53	-0.33	-0.18	-0.27
		454	16.05	9.86	0.07	0.56	9.38	2.12	-0.66	-1.30	-0.68	-1.28	-0.12
		453	16.01	8.32	-2.24	-2.03	8.11	1.49	-1.00	-1.54	-1.02	-1.52	-0.11
352	1	425	24.95	19.67	6.99	15.82	10.84	5.83	0.27	-2.55	0.12	-2.40	0.63
		424	31.50	24.41	7.04	17.85	13.60	8.42	0.59	-2.62	0.26	-2.29	0.98
		455	32.94	23.21	7.76	20.44	10.53	5.93	1.88	-0.74	1.40	-0.27	1.01
		454	25.12	18.56	7.49	17.48	8.56	3.28	1.43	-0.47	1.21	-0.26	0.60
352	2	425	38.76	30.94	-3.99	1.13	25.82	12.35	0.08	-1.42	-0.89	-0.45	-0.72
		424	43.31	38.95	0.17	8.39	30.73	15.85	1.12	-0.42	0.22	0.48	-0.76
		455	42.67	29.88	6.49	9.14	27.23	7.42	-0.78	-2.93	-0.85	-2.87	-0.36
		454	41.84	24.37	-0.16	0.92	23.29	5.04	-1.80	-3.63	-1.86	-3.56	-0.34
352	3	425	9.76	8.37	2.55	5.00	5.92	2.87	-0.01	-0.78	-0.04	-0.76	0.13
		424	10.88	10.64	2.69	6.12	7.20	3.94	0.16	-0.72	0.09	-0.66	0.23
		455	10.75	9.08	3.82	6.91	5.99	2.59	0.47	-0.35	0.36	-0.25	0.27
		454	7.34	6.84	3.63	5.44	5.02	1.59	0.27	-0.34	0.23	-0.30	0.15
352	4	425	15.19	12.34	-1.33	0.64	10.36	4.81	0.02	-0.54	-0.34	-0.18	-0.27
		424	16.95	15.40	0.20	3.32	12.28	6.14	0.41	-0.16	0.08	0.17	-0.28
		455	16.50	12.02	2.48	3.57	10.94	3.03	-0.28	-1.04	-0.30	-1.02	-0.14
		454	16.06	9.86	0.06	0.54	9.39	2.11	-0.65	-1.30	-0.68	-1.28	-0.13
353	1	424	31.56	24.46	6.97	17.87	13.56	8.48	0.59	-2.62	0.26	-2.29	0.97
		423	40.24	30.19	6.41	19.70	16.90	11.81	1.05	-2.64	0.44	-2.03	1.37
		456	43.20	29.04	7.39	23.54	12.89	9.42	2.45	-1.05	1.61	-0.21	1.50
		455	32.95	23.21	7.81	20.46	10.56	5.89	1.88	-0.75	1.41	-0.27	1.01
353	2	424	43.30	39.03	0.18	8.50	30.70	15.94	1.06	-0.46	0.14	0.46	-0.74
		423	50.08	49.43	4.07	16.99	36.51	20.48	2.22	0.68	1.47	1.43	-0.77
		456	45.04	37.82	12.62	18.61	31.83	10.72	0.34	-2.19	0.28	-2.13	-0.38
		455	42.74	29.89	6.48	9.09	27.27	7.38	-0.73	-2.92	-0.80	-2.86	-0.38
353	3	424	10.90	10.66	2.66	6.13	7.19	3.96	0.15	-0.72	0.08	-0.66	0.23
		423	14.95	13.39	2.62	7.29	8.72	5.34	0.37	-0.64	0.24	-0.51	0.35
		456	14.96	11.81	3.83	8.51	7.12	3.93	0.71	-0.37	0.51	-0.17	0.41
		455	10.75	9.08	3.84	6.92	6.00	2.58	0.47	-0.35	0.37	-0.25	0.27
353	4	424	16.95	15.43	0.20	3.36	12.26	6.18	0.39	-0.18	0.05	0.16	-0.28
		423	19.54	19.38	1.64	6.48	14.53	7.90	0.82	0.24	0.54	0.52	-0.29
		456	17.52	15.06	4.73	7.05	12.74	4.31	0.14	-0.77	0.12	-0.75	-0.14
		455	16.53	12.03	2.47	3.55	10.95	3.02	-0.26	-1.04	-0.28	-1.01	-0.14
354	1	423	40.44	30.29	6.26	19.70	16.85	11.93	1.07	-2.63	0.46	-2.02	1.36
		422	51.47	37.02	4.86	21.25	20.63	16.07	1.64	-2.62	0.63	-1.61	1.81
		457	56.25	36.14	6.14	26.67	15.62	13.95	3.19	-1.35	1.85	-6.74e-03	2.07
		456	43.19	29.04	7.47	23.58	12.93	9.38	2.45	-1.05	1.61	-0.22	1.50
354	2	423	50.00	49.59	3.95	17.10	36.44	20.67	2.04	0.55	1.20	1.39	-0.74
		422	64.10	62.47	7.54	27.18	42.83	26.32	3.53	1.83	2.95	2.41	-0.81
		457	49.15	48.72	17.61	29.35	36.99	15.08	1.47	-1.37	1.42	-1.31	-0.38
		456	45.16	37.83	12.67	18.60	31.90	10.68	0.47	-2.19	0.42	-2.13	-0.38



354	3	423	15.00	13.43	2.56	7.29	8.70	5.39	0.36	-0.65	0.22	-0.51	0.35
		422	19.88	16.61	2.28	8.48	10.41	7.10	0.64	-0.54	0.40	-0.31	0.47
		457	20.12	15.05	3.58	10.22	8.41	5.66	0.99	-0.38	0.67	-0.05	0.58
		456	14.99	11.81	3.86	8.53	7.14	3.91	0.71	-0.37	0.52	-0.18	0.41
354	4	423	19.51	19.44	1.59	6.52	14.50	7.98	0.75	0.20	0.44	0.50	-0.28
		422	24.75	24.30	2.93	10.24	16.99	10.14	1.31	0.67	1.09	0.89	-0.30
		457	19.18	19.16	6.60	11.01	14.74	5.99	0.56	-0.46	0.54	-0.44	-0.14
		456	17.57	15.07	4.75	7.05	12.77	4.30	0.19	-0.77	0.17	-0.74	-0.14
355	1	422	52.39	37.33	4.57	21.30	20.60	16.38	1.79	-2.55	0.81	-1.58	1.81
		421	63.86	44.33	2.47	22.44	24.36	20.91	2.14	-2.71	0.64	-1.21	2.24
		458	72.81	44.48	3.84	29.43	18.89	19.62	4.29	-1.47	2.23	0.59	2.76
		457	55.59	36.10	6.21	26.76	15.55	13.86	3.09	-1.35	1.78	-0.04	2.02
355	2	422	63.85	63.11	7.23	27.43	42.91	26.84	3.02	1.51	2.20	2.34	-0.75
		421	81.08	76.54	11.49	39.99	48.04	32.28	5.19	2.55	4.70	3.04	-1.03
		458	60.05	61.95	21.55	40.09	43.40	20.13	2.78	0.18	2.72	0.24	-0.40
		457	49.56	48.83	17.60	29.54	36.90	15.18	1.74	-1.46	1.70	-1.42	-0.35
355	3	422	20.15	16.76	2.16	8.51	10.40	7.24	0.65	-0.54	0.40	-0.30	0.48
		421	24.96	20.01	1.76	9.76	12.01	9.06	0.88	-0.47	0.54	-0.13	0.59
		458	26.45	18.74	3.03	11.82	9.94	7.80	1.41	-0.29	0.88	0.24	0.79
		457	20.01	15.04	3.61	10.26	8.39	5.64	0.98	-0.38	0.67	-0.07	0.57
355	4	422	24.71	24.54	2.80	10.33	17.01	10.34	1.12	0.55	0.81	0.86	-0.28
		421	31.05	29.59	4.40	14.96	19.02	12.43	1.93	0.95	1.74	1.13	-0.38
		458	23.26	24.12	8.07	14.98	17.20	7.95	1.05	0.11	1.02	0.14	-0.14
		457	19.34	19.20	6.60	11.09	14.71	6.03	0.66	-0.49	0.64	-0.48	-0.13
356	1	421	68.11	45.15	1.67	22.40	24.42	21.71	2.69	-3.05	1.36	-1.72	2.42
		101	75.45	50.95	2.40	27.28	26.07	24.26	3.23	-1.96	0.69	0.58	2.60
		159	96.66	50.03	0.28	26.90	23.41	24.81	6.69	-2.18	3.58	0.92	4.23
		458	69.00	44.50	4.17	29.68	18.99	19.44	4.03	-0.80	2.21	1.02	2.34
356	2	421	79.83	81.48	11.05	43.81	48.72	35.13	3.77	1.59	2.94	2.42	-1.06
		101	105.93	80.94	25.86	60.19	46.61	26.69	8.40	4.11	8.37	4.14	-0.35
		159	88.35	74.21	19.12	40.86	52.47	26.93	7.84	2.08	7.77	2.15	-0.64
		458	60.27	60.74	22.17	39.67	43.24	19.20	3.29	0.56	3.15	0.70	-0.60
356	3	421	26.29	20.65	1.46	10.04	12.07	9.54	0.96	-0.64	0.63	-0.32	0.64
		101	29.78	22.28	2.86	12.71	12.44	9.71	1.45	-0.07	0.84	0.54	0.75
		159	34.99	21.51	1.64	11.11	12.04	9.92	2.36	-0.33	1.62	0.42	1.20
		458	25.36	18.64	3.18	11.87	9.96	7.67	1.37	-0.04	0.92	0.40	0.65
356	4	421	30.75	31.42	4.24	16.38	19.28	13.52	1.41	0.60	1.10	0.91	-0.39
		101	40.10	31.11	9.87	22.46	18.52	10.43	3.13	1.58	3.12	1.59	-0.13
		159	33.47	28.84	7.06	15.25	20.65	10.55	2.89	0.75	2.86	0.78	-0.24
		458	23.38	23.67	8.30	14.83	17.14	7.60	1.25	0.26	1.20	0.31	-0.22
357	1	67	19.32	11.69	-2.58	-1.12	10.23	-4.33	1.28	-0.37	0.62	0.30	-0.81
		440	18.22	10.56	-1.45	0.16	8.94	-4.10	0.54	-1.10	-0.43	-0.13	-0.80
		459	19.13	9.57	-3.08	-2.15	8.65	-3.30	1.22	-0.42	0.14	0.65	-0.78
		8	15.51	11.29	-0.10	1.29	9.90	-3.72	0.48	-0.58	-0.15	0.05	-0.52
357	2	67	48.29	43.05	-3.10	1.27	38.68	-13.51	3.21	1.33	2.50	2.04	0.91
		440	48.47	38.04	-7.91	-5.68	35.82	-9.86	-0.84	-1.58	-1.02	-1.39	0.32
		459	37.31	31.34	3.25	3.68	30.91	-3.42	-0.51	-3.06	-3.03	-0.54	0.24
		8	49.83	34.26	-5.58	0.67	28.00	-14.49	4.03	0.33	4.03	0.33	0.02
357	3	67	10.34	8.18	-1.16	-0.23	7.25	-2.79	0.46	0.12	0.33	0.25	-0.16
		440	9.17	7.31	-1.05	-0.33	6.58	-2.35	0.06	-0.36	-0.19	-0.12	-0.21
		459	9.14	6.43	-0.72	-0.30	6.02	-1.67	0.24	-0.28	-0.18	0.14	-0.20
		8	8.55	7.34	-0.60	0.48	6.26	-2.72	0.32	-0.05	0.24	0.03	-0.15
357	4	67	19.33	17.47	-1.31	0.47	15.68	-5.51	1.18	0.47	0.89	0.76	0.35
		440	19.33	15.48	-3.00	-2.06	14.54	-4.06	-0.28	-0.57	-0.36	-0.49	0.13
		459	14.88	12.87	1.17	1.42	12.61	-1.70	-0.20	-1.14	-1.13	-0.21	0.10
		8	19.81	14.15	-2.22	0.30	11.63	-5.91	1.48	0.12	1.48	0.12	6.17e-03
358	1	440	17.63	10.19	-1.87	-0.46	8.78	-3.87	0.73	-0.87	-0.12	-0.02	-0.80
		441	16.97	9.33	-2.05	-0.61	7.89	-3.79	0.57	-1.03	-0.27	-0.18	-0.80
		460	19.32	9.06	-2.74	-1.43	7.74	-3.71	1.37	-0.24	0.21	0.93	-0.72
		459	18.96	10.12	-2.36	-1.20	8.96	-3.63	0.96	-0.60	-0.15	0.50	-0.71
358	2	440	50.24	39.05	-5.51	-2.95	36.49	-10.37	-1.57	-2.40	-1.92	-2.04	0.41
		441	50.36	31.89	-8.55	-7.98	31.32	-4.75	-1.59	-3.36	-1.90	-3.05	0.67
		460	50.09	28.90	-11.05	-11.00	28.85	1.36	0.82	-2.17	-2.10	0.75	0.46
		459	34.39	29.04	-2.68	-2.51	28.86	-2.35	1.46	1.05	1.24	1.28	0.20
358	3	440	8.96	7.29	-1.02	-0.30	6.58	-2.33	0.05	-0.35	-0.17	-0.13	-0.20
		441	7.51	6.26	-1.14	-0.69	5.81	-1.78	-0.05	-0.41	-0.22	-0.24	-0.18
		460	9.36	5.76	-1.43	-1.17	5.50	-1.34	0.37	-0.17	-0.10	0.31	-0.18
		459	8.90	6.36	-0.90	-0.50	5.95	-1.67	0.34	-0.08	0.03	0.23	-0.19
358	4	440	19.93	15.86	-2.11	-1.04	14.79	-4.25	-0.56	-0.87	-0.70	-0.73	0.16
		441	19.68	13.02	-3.14	-2.87	12.75	-2.06	-0.58	-1.22	-0.70	-1.09	0.25
		460	19.34	11.76	-4.01	-4.01	11.75	0.16	0.29	-0.82	-0.79	0.26	0.18
		459	13.86	11.98	-1.01	-0.88	11.85	-1.29	0.54	0.37	0.45	0.46	0.08
359	1	441	16.93	9.27	-2.06	-0.62	7.82	-3.78	0.67	-0.94	-0.16	-0.12	-0.80
		442	16.44	8.30	-2.03	-0.56	6.83	-3.61	0.67	-0.97	-0.19	-0.11	-0.82
		461	19.57	8.23	-2.88	-1.42	6.78	-3.75	1.54	-0.17	0.23	1.14	-0.72
		460	19.20	9.07	-2.70	-1.41	7.78	-3.68	1.25	-0.37	0.03	0.85	-0.70
359	2	441	50.22	32.37	-8.70	-8.05	31.72	-5.11	-2.23	-3.63	-2.62	-3.24	0.63



		442	50.04	27.79	-13.40	-13.33	27.72	-1.77	-2.67	-4.24	-2.99	-3.92	0.63
		461	52.57	26.15	-17.61	-17.36	25.90	3.33	0.63	-2.22	-2.15	0.56	0.42
		460	44.60	28.25	-11.21	-11.15	28.19	1.54	1.22	-0.60	-0.55	1.16	0.30
359	3	441	7.66	6.29	-1.16	-0.69	5.82	-1.81	-0.05	-0.42	-0.23	-0.24	-0.19
		442	6.90	5.42	-1.35	-1.04	5.11	-1.43	-0.09	-0.47	-0.27	-0.29	-0.19
		461	9.22	5.07	-1.81	-1.62	4.88	-1.12	0.42	-0.16	-0.10	0.36	-0.18
		460	9.17	5.70	-1.43	-1.18	5.45	-1.31	0.39	-0.12	-0.04	0.32	-0.18
359	4	441	19.65	13.20	-3.20	-2.90	12.90	-2.20	-0.81	-1.32	-0.96	-1.16	0.24
		442	19.38	11.34	-4.87	-4.82	11.29	-0.88	-0.97	-1.55	-1.10	-1.42	0.24
		461	20.10	10.60	-6.40	-6.34	10.55	0.98	0.21	-0.83	-0.81	0.19	0.16
		460	17.37	11.51	-4.07	-4.06	11.50	0.24	0.43	-0.24	-0.22	0.41	0.12
360	1	442	16.44	8.30	-2.04	-0.56	6.83	-3.62	0.70	-0.95	-0.15	-0.09	-0.82
		443	15.86	7.47	-1.84	-0.29	5.92	-3.46	0.73	-0.93	-0.14	-0.06	-0.83
		462	19.95	7.54	-2.88	-1.23	5.89	-3.81	1.78	-0.04	0.32	1.42	-0.73
		461	19.52	8.22	-2.86	-1.42	6.77	-3.73	1.51	-0.21	0.17	1.13	-0.71
360	2	442	49.80	27.85	-13.34	-13.25	27.77	-1.85	-2.87	-4.35	-3.25	-3.98	0.65
		443	49.51	24.10	-17.59	-17.59	24.10	0.24	-3.52	-4.89	-3.82	-4.59	0.56
		462	55.29	23.53	-22.62	-22.23	23.14	4.23	0.23	-2.64	-2.59	0.19	0.36
		461	50.54	25.99	-17.74	-17.47	25.72	3.42	0.72	-1.73	-1.68	0.67	0.33
360	3	442	6.94	5.43	-1.35	-1.03	5.11	-1.44	-0.09	-0.48	-0.28	-0.29	-0.19
		443	6.39	4.68	-1.47	-1.24	4.45	-1.17	-0.12	-0.52	-0.32	-0.32	-0.20
		462	9.13	4.47	-2.06	-1.90	4.31	-1.00	0.47	-0.17	-0.11	0.41	-0.18
		461	9.16	5.05	-1.81	-1.62	4.86	-1.11	0.43	-0.15	-0.09	0.36	-0.18
360	4	442	19.29	11.37	-4.84	-4.79	11.31	-0.91	-1.05	-1.59	-1.20	-1.44	0.24
		443	19.02	9.84	-6.37	-6.36	9.83	-0.07	-1.29	-1.79	-1.41	-1.67	0.21
		462	20.96	9.53	-8.23	-8.12	9.42	1.38	0.07	-0.99	-0.97	0.05	0.14
		461	19.36	10.54	-6.44	-6.38	10.48	1.01	0.25	-0.65	-0.64	0.23	0.13
361	1	443	15.87	7.47	-1.84	-0.30	5.92	-3.47	0.74	-0.92	-0.12	-0.06	-0.83
		444	15.23	6.82	-1.49	0.18	5.15	-3.33	0.77	-0.87	-0.08	-0.02	-0.82
		463	20.35	7.04	-2.75	-0.83	5.13	-3.89	2.04	0.12	0.46	1.70	-0.73
		462	19.92	7.53	-2.87	-1.22	5.89	-3.80	1.77	-0.05	0.30	1.41	-0.72
361	2	443	49.45	24.12	-17.52	-17.52	24.12	0.19	-3.57	-4.94	-3.90	-4.61	0.59
		444	49.24	20.97	-20.89	-20.84	20.93	1.41	-4.18	-5.39	-4.43	-5.14	0.49
		463	57.77	21.04	-26.32	-25.92	20.63	4.37	-0.11	-3.09	-3.05	-0.15	0.31
		462	54.64	23.45	-22.72	-22.32	23.05	4.28	0.26	-2.49	-2.45	0.22	0.33
361	3	443	6.40	4.68	-1.47	-1.24	4.45	-1.17	-0.12	-0.52	-0.32	-0.32	-0.20
		444	5.92	4.06	-1.50	-1.31	3.88	-0.99	-0.15	-0.55	-0.34	-0.35	-0.20
		463	9.04	3.95	-2.18	-2.03	3.80	-0.96	0.53	-0.16	-0.10	0.47	-0.19
		462	9.11	4.45	-2.06	-1.90	4.30	-1.00	0.48	-0.16	-0.10	0.42	-0.19
361	4	443	19.00	9.84	-6.34	-6.34	9.84	-0.09	-1.31	-1.81	-1.44	-1.67	0.22
		444	18.78	8.56	-7.55	-7.54	8.55	0.42	-1.53	-1.97	-1.63	-1.87	0.19
		463	21.76	8.51	-9.58	-9.46	8.39	1.49	-0.06	-1.16	-1.14	-0.07	0.12
		462	20.72	9.50	-8.26	-8.15	9.38	1.40	0.08	-0.93	-0.92	0.06	0.13
362	1	444	15.23	6.82	-1.50	0.18	5.14	-3.33	0.78	-0.87	-0.07	-0.02	-0.82
		445	14.55	6.38	-0.99	0.87	4.52	-3.20	0.81	-0.80	-4.50e-04	5.28e-03	-0.81
		464	20.74	6.77	-2.48	-0.21	4.50	-3.98	2.29	0.31	0.62	1.98	-0.72
		463	20.33	7.04	-2.74	-0.82	5.13	-3.88	2.03	0.12	0.45	1.70	-0.73
362	2	444	49.23	20.99	-20.84	-20.80	20.94	1.38	-4.19	-5.42	-4.45	-5.15	0.51
		445	49.00	18.42	-23.24	-23.14	18.33	1.98	-4.68	-5.75	-4.86	-5.57	0.41
		464	59.49	18.83	-28.83	-28.50	18.51	3.93	-0.38	-3.44	-3.42	-0.41	0.27
		463	57.57	20.99	-26.39	-25.98	20.58	4.39	-0.10	-3.04	-3.00	-0.13	0.30
362	3	444	5.92	4.06	-1.50	-1.31	3.88	-0.99	-0.15	-0.55	-0.35	-0.35	-0.20
		445	5.46	3.56	-1.42	-1.26	3.41	-0.86	-0.16	-0.57	-0.35	-0.38	-0.21
		464	8.92	3.54	-2.18	-2.02	3.37	-0.97	0.59	-0.13	-0.08	0.54	-0.19
		463	9.03	3.94	-2.18	-2.03	3.79	-0.95	0.53	-0.16	-0.10	0.47	-0.19
362	4	444	18.78	8.57	-7.54	-7.53	8.56	0.40	-1.53	-1.98	-1.64	-1.87	0.19
		445	18.59	7.53	-8.40	-8.38	7.50	0.67	-1.72	-2.11	-1.80	-2.03	0.15
		464	22.31	7.62	-10.51	-10.40	7.52	1.38	-0.16	-1.29	-1.28	-0.17	0.10
		463	21.69	8.50	-9.61	-9.48	8.37	1.50	-0.06	-1.14	-1.12	-0.07	0.12
363	1	445	14.56	6.38	-1.00	0.86	4.52	-3.20	0.81	-0.80	1.49e-03	5.86e-03	-0.81
		446	13.85	6.18	-0.36	1.76	4.06	-3.06	0.83	-0.72	0.09	0.03	-0.78
		465	21.13	6.74	-2.07	0.65	4.02	-4.07	2.53	0.51	0.80	2.25	-0.70
		464	20.74	6.77	-2.46	-0.19	4.50	-3.97	2.29	0.31	0.62	1.98	-0.72
363	2	445	49.00	18.43	-23.21	-23.12	18.34	1.96	-4.68	-5.77	-4.87	-5.57	0.42
		446	49.24	16.46	-24.62	-24.50	16.34	2.16	-5.02	-5.98	-5.14	-5.86	0.31
		465	60.24	17.04	-30.22	-30.02	16.83	3.10	-0.57	-3.67	-3.66	-0.58	0.22
		464	59.44	18.81	-28.87	-28.54	18.48	3.94	-0.38	-3.42	-3.40	-0.40	0.27
363	3	445	5.46	3.56	-1.42	-1.26	3.41	-0.86	-0.16	-0.57	-0.35	-0.38	-0.20
		446	5.04	3.19	-1.22	-1.08	3.05	-0.77	-0.17	-0.57	-0.35	-0.39	-0.20
		465	8.76	3.24	-2.06	-1.86	3.04	-1.01	0.65	-0.10	-0.04	0.60	-0.19
		464	8.91	3.54	-2.18	-2.02	3.37	-0.96	0.59	-0.13	-0.08	0.54	-0.19
363	4	445	18.59	7.53	-8.40	-8.37	7.50	0.67	-1.72	-2.11	-1.80	-2.03	0.16
		446	18.38	6.73	-8.90	-8.87	6.69	0.78	-1.85	-2.19	-1.90	-2.14	0.12
		465	22.52	6.90	-11.02	-10.95	6.83	1.11	-0.23	-1.37	-1.36	-0.24	0.09
		464	22.29	7.61	-10.52	-10.42	7.51	1.38	-0.16	-1.28	-1.27	-0.17	0.10
364	1	446	13.85	6.18	-0.37	1.75	4.06	-3.06	0.83	-0.72	0.09	0.03	-0.77
		447	13.14	6.25	0.41	2.88	3.78	-2.88	0.84	-0.61	0.19	0.03	-0.72



		466	21.51	6.98	-1.52	1.76	3.70	-4.14	2.75	0.74	1.00	2.49	-0.67
		465	21.13	6.75	-2.06	0.67	4.03	-4.07	2.53	0.51	0.80	2.25	-0.70
364	2	446	49.27	16.46	-24.60	-24.49	16.35	2.15	-5.02	-5.99	-5.14	-5.86	0.33
		447	49.78	15.10	-25.02	-24.91	14.98	2.11	-5.20	-6.08	-5.26	-6.02	0.22
		466	59.90	15.73	-30.56	-30.47	15.64	2.02	-0.66	-3.77	-3.76	-0.67	0.18
		465	60.23	17.02	-30.25	-30.04	16.82	3.10	-0.56	-3.66	-3.65	-0.58	0.23
364	3	446	5.04	3.19	-1.22	-1.09	3.05	-0.77	-0.17	-0.57	-0.35	-0.39	-0.20
		447	4.82	2.94	-0.90	-0.77	2.82	-0.68	-0.16	-0.56	-0.33	-0.40	-0.20
		466	8.55	3.05	-1.80	-1.56	2.80	-1.07	0.72	-0.04	6.82e-03	0.67	-0.18
		465	8.76	3.24	-2.06	-1.86	3.04	-1.01	0.65	-0.10	-0.04	0.60	-0.19
364	4	446	18.38	6.73	-8.90	-8.86	6.69	0.78	-1.85	-2.19	-1.90	-2.14	0.12
		447	18.33	6.18	-9.05	-9.00	6.14	0.80	-1.92	-2.22	-1.94	-2.19	0.08
		466	22.35	6.38	-11.14	-11.10	6.34	0.75	-0.26	-1.41	-1.40	-0.27	0.07
		465	22.52	6.90	-11.03	-10.96	6.83	1.12	-0.23	-1.37	-1.36	-0.23	0.09
365	1	447	13.14	6.24	0.40	2.87	3.78	-2.89	0.84	-0.61	0.19	0.04	-0.72
		448	12.51	6.61	1.32	4.23	3.70	-2.64	0.83	-0.50	0.31	0.03	-0.65
		467	21.87	7.49	-0.83	3.13	3.53	-4.15	2.92	0.99	1.21	2.70	-0.62
		466	21.51	6.99	-1.51	1.78	3.70	-4.14	2.75	0.74	1.00	2.49	-0.67
365	2	447	49.80	15.10	-25.02	-24.91	14.99	2.10	-5.20	-6.08	-5.26	-6.02	0.23
		448	48.82	14.34	-24.43	-24.34	14.24	1.95	-5.21	-6.05	-5.23	-6.04	0.12
		467	58.44	14.96	-29.87	-29.85	14.95	0.81	-0.67	-3.72	-3.72	-0.67	0.13
		466	59.90	15.73	-30.57	-30.48	15.64	2.02	-0.66	-3.76	-3.75	-0.67	0.18
365	3	447	4.81	2.94	-0.90	-0.78	2.82	-0.68	-0.16	-0.56	-0.33	-0.40	-0.20
		448	4.67	2.82	-0.43	-0.32	2.71	-0.59	-0.16	-0.54	-0.29	-0.40	-0.18
		467	8.30	2.98	-1.41	-1.10	2.67	-1.13	0.77	0.03	0.07	0.73	-0.17
		466	8.55	3.05	-1.80	-1.55	2.81	-1.07	0.72	-0.04	6.95e-03	0.67	-0.18
365	4	447	18.34	6.18	-9.05	-9.00	6.14	0.79	-1.92	-2.22	-1.94	-2.19	0.09
		448	17.95	5.87	-8.83	-8.79	5.83	0.77	-1.92	-2.21	-1.93	-2.20	0.05
		467	21.78	6.06	-10.88	-10.87	6.06	0.35	-0.27	-1.39	-1.39	-0.27	0.05
		466	22.35	6.37	-11.14	-11.11	6.34	0.76	-0.26	-1.40	-1.40	-0.27	0.07
366	1	448	12.51	6.61	1.30	4.22	3.69	-2.64	0.83	-0.49	0.31	0.03	-0.65
		449	12.11	7.32	2.33	5.83	3.83	-2.28	0.81	-0.37	0.44	7.66e-03	-0.55
		468	22.24	8.30	0.04	4.80	3.54	-4.08	3.05	1.25	1.43	2.87	-0.54
		467	21.88	7.51	-0.81	3.16	3.54	-4.15	2.92	0.99	1.21	2.70	-0.62
366	2	448	48.84	14.34	-24.44	-24.34	14.24	1.94	-5.21	-6.06	-5.23	-6.04	0.13
		449	46.39	14.20	-22.85	-22.76	14.11	1.81	-5.04	-5.91	-5.04	-5.91	0.02
		468	55.81	14.76	-28.15	-28.14	14.76	-0.40	-0.59	-3.54	-3.54	-0.59	0.09
		467	58.42	14.97	-29.85	-29.84	14.95	0.81	-0.67	-3.72	-3.72	-0.67	0.14
366	3	448	4.66	2.81	-0.44	-0.33	2.70	-0.59	-0.16	-0.54	-0.29	-0.40	-0.18
		449	4.60	2.81	0.19	0.27	2.72	-0.46	-0.14	-0.50	-0.24	-0.40	-0.16
		468	8.02	3.03	-0.85	-0.47	2.65	-1.16	0.82	0.12	0.15	0.79	-0.15
		467	8.30	2.99	-1.40	-1.09	2.68	-1.13	0.77	0.03	0.07	0.73	-0.17
366	4	448	17.96	5.87	-8.83	-8.79	5.83	0.77	-1.92	-2.21	-1.93	-2.20	0.05
		449	17.44	5.81	-8.24	-8.20	5.77	0.75	-1.86	-2.15	-1.86	-2.15	9.77e-03
		468	20.80	5.98	-10.23	-10.23	5.98	-0.07	-0.24	-1.32	-1.32	-0.24	0.03
		467	21.78	6.06	-10.87	-10.86	6.06	0.35	-0.27	-1.39	-1.39	-0.27	0.05
367	1	449	12.10	7.31	2.32	5.81	3.82	-2.29	0.81	-0.37	0.44	7.62e-03	-0.55
		450	12.22	8.42	3.44	7.68	4.19	-1.78	0.78	-0.24	0.57	-0.03	-0.41
		469	22.68	9.41	1.09	6.78	3.72	-3.87	3.13	1.54	1.67	3.00	-0.44
		468	22.25	8.32	0.06	4.83	3.55	-4.08	3.06	1.25	1.43	2.87	-0.54
367	2	449	46.39	14.19	-22.87	-22.78	14.11	1.80	-5.04	-5.91	-5.04	-5.91	0.03
		450	45.23	14.70	-20.26	-20.17	14.61	1.78	-4.69	-5.66	-4.70	-5.66	-0.07
		469	52.07	15.14	-25.38	-25.32	15.09	-1.52	-0.43	-3.22	-3.22	-0.43	0.04
		468	55.79	14.77	-28.12	-28.11	14.77	-0.40	-0.59	-3.54	-3.54	-0.59	0.09
367	3	449	4.59	2.80	0.18	0.26	2.72	-0.46	-0.14	-0.50	-0.24	-0.40	-0.16
		450	4.63	2.92	0.97	1.01	2.87	-0.28	-0.11	-0.45	-0.17	-0.39	-0.13
		469	7.77	3.19	-0.13	0.32	2.74	-1.14	0.86	0.22	0.25	0.84	-0.12
		468	8.02	3.04	-0.84	-0.46	2.66	-1.16	0.82	0.12	0.15	0.79	-0.15
367	4	449	17.44	5.81	-8.25	-8.21	5.77	0.75	-1.86	-2.15	-1.86	-2.15	0.01
		450	17.03	6.01	-7.29	-7.24	5.96	0.77	-1.73	-2.06	-1.73	-2.06	-0.02
		469	19.42	6.12	-9.20	-9.19	6.11	-0.45	-0.18	-1.20	-1.20	-0.18	0.02
		468	20.79	5.98	-10.22	-10.22	5.98	-0.07	-0.24	-1.32	-1.32	-0.24	0.04
368	1	450	12.21	8.41	3.43	7.66	4.18	-1.78	0.78	-0.24	0.57	-0.03	-0.41
		451	13.24	10.00	4.59	9.78	4.81	-1.06	0.79	-0.15	0.72	-0.09	-0.23
		470	23.37	10.87	2.33	9.10	4.09	-3.46	3.13	1.84	1.91	3.06	-0.29
		469	22.70	9.44	1.11	6.82	3.73	-3.87	3.13	1.54	1.67	3.00	-0.44
368	2	450	45.22	14.68	-20.29	-20.20	14.60	1.77	-4.69	-5.66	-4.70	-5.65	-0.06
		451	43.99	15.86	-16.64	-16.52	15.74	1.97	-4.18	-5.30	-4.20	-5.28	-0.15
		470	47.31	16.11	-21.53	-21.37	15.95	-2.45	-0.19	-2.76	-2.76	-0.19	-1.79e-03
		469	52.03	15.16	-25.33	-25.27	15.10	-1.52	-0.43	-3.22	-3.22	-0.43	0.05
368	3	450	4.63	2.91	0.96	1.00	2.87	-0.28	-0.11	-0.45	-0.17	-0.39	-0.13
		451	4.78	3.17	1.90	1.90	3.17	-0.02	-0.07	-0.40	-0.09	-0.38	-0.08
		470	7.63	3.45	0.78	1.30	2.94	-1.06	0.89	0.34	0.35	0.88	-0.09
		469	7.77	3.20	-0.12	0.34	2.74	-1.14	0.86	0.22	0.25	0.84	-0.12
368	4	450	17.02	6.00	-7.30	-7.25	5.96	0.77	-1.73	-2.06	-1.73	-2.06	-0.02
		451	16.60	6.47	-5.96	-5.89	6.41	0.87	-1.54	-1.92	-1.55	-1.92	-0.06
		470	17.69	6.49	-7.77	-7.73	6.45	-0.76	-0.09	-1.03	-1.03	-0.09	2.79e-04



369	1	469	19.41	6.13	-9.18	-9.17	6.11	-0.45	-0.18	-1.20	-1.20	-0.18	0.02
		451	13.22	9.98	4.58	9.76	4.80	-1.07	0.78	-0.15	0.72	-0.09	-0.24
		452	15.56	12.13	5.72	12.13	5.72	-0.04	0.88	-0.15	0.88	-0.15	-0.01
		471	24.59	12.73	3.71	11.79	4.66	-2.76	3.07	2.14	2.15	3.06	-0.10
369	2	470	23.40	10.90	2.35	9.14	4.10	-3.46	3.13	1.84	1.91	3.06	-0.29
		451	43.96	15.84	-16.68	-16.56	15.72	1.96	-4.18	-5.29	-4.20	-5.27	-0.14
		452	42.83	17.75	-12.02	-11.81	17.54	2.50	-3.52	-4.83	-3.57	-4.79	-0.23
		471	41.80	17.64	-16.55	-16.27	17.36	-3.07	0.13	-2.16	-2.16	0.13	-0.04
369	3	470	47.26	16.13	-21.46	-21.31	15.97	-2.44	-0.19	-2.76	-2.76	-0.19	5.50e-03
		451	4.78	3.16	1.89	1.89	3.16	-0.03	-0.07	-0.40	-0.09	-0.38	-0.08
		452	5.07	3.76	2.79	2.94	3.61	0.35	7.06e-03	-0.36	5.88e-03	-0.36	-0.02
		471	7.78	3.81	1.91	2.47	3.25	-0.86	0.90	0.47	0.47	0.90	-0.03
369	4	470	7.64	3.46	0.80	1.32	2.94	-1.06	0.89	0.34	0.35	0.88	-0.09
		451	16.59	6.46	-5.97	-5.91	6.40	0.87	-1.54	-1.92	-1.55	-1.92	-0.05
		452	16.23	7.22	-4.26	-4.15	7.12	1.10	-1.29	-1.75	-1.31	-1.73	-0.09
		471	15.71	7.09	-5.92	-5.85	7.02	-0.95	0.03	-0.81	-0.81	0.03	-0.02
370	1	470	17.67	6.50	-7.74	-7.70	6.46	-0.75	-0.09	-1.03	-1.03	-0.09	2.63e-03
		452	15.54	12.11	5.70	12.11	5.70	-0.05	0.88	-0.15	0.88	-0.15	-0.01
		453	19.49	14.95	6.72	14.72	6.95	1.37	1.10	-0.27	1.04	-0.22	0.27
		472	26.81	15.15	5.14	14.86	5.43	-1.68	3.03	2.36	2.39	2.99	0.15
370	2	471	24.63	12.77	3.74	11.83	4.67	-2.76	3.07	2.14	2.15	3.06	-0.10
		452	42.80	17.73	-12.06	-11.86	17.52	2.48	-3.53	-4.82	-3.56	-4.79	-0.22
		453	42.00	20.51	-6.44	-5.98	20.05	3.48	-2.73	-4.27	-2.79	-4.21	-0.29
		472	36.15	19.71	-10.34	-9.98	19.35	-3.27	0.52	-1.43	-1.43	0.52	-0.08
370	3	471	41.75	17.68	-16.46	-16.18	17.40	-3.05	0.13	-2.16	-2.16	0.13	-0.04
		452	5.06	3.75	2.78	2.93	3.61	0.34	6.62e-03	-0.36	5.46e-03	-0.36	-0.02
		453	5.49	5.05	3.30	4.13	4.23	0.87	0.12	-0.34	0.11	-0.34	0.06
		472	8.44	4.29	3.24	3.84	3.69	-0.52	0.92	0.59	0.60	0.91	0.04
370	4	471	7.79	3.82	1.93	2.49	3.26	-0.86	0.90	0.47	0.47	0.90	-0.03
		452	16.22	7.21	-4.28	-4.17	7.11	1.09	-1.29	-1.75	-1.31	-1.73	-0.08
		453	16.01	8.33	-2.22	-2.01	8.11	1.50	-1.00	-1.54	-1.02	-1.52	-0.11
		472	13.72	7.90	-3.61	-3.52	7.81	-0.99	0.18	-0.54	-0.53	0.18	-0.03
371	1	471	15.69	7.10	-5.88	-5.81	7.03	-0.95	0.03	-0.81	-0.81	0.03	-0.01
		453	19.43	14.92	6.70	14.69	6.93	1.35	1.09	-0.27	1.04	-0.22	0.26
		454	25.25	18.61	7.46	17.53	8.54	3.30	1.44	-0.48	1.22	-0.27	0.61
		473	30.67	18.37	6.41	18.37	6.41	-0.08	3.23	2.26	2.63	2.86	0.47
371	2	472	26.88	15.19	5.17	14.91	5.45	-1.67	3.03	2.36	2.40	2.99	0.15
		453	41.96	20.47	-6.50	-6.05	20.02	3.45	-2.73	-4.26	-2.78	-4.21	-0.28
		454	41.83	24.39	-0.11	0.99	23.29	5.06	-1.81	-3.63	-1.88	-3.56	-0.35
		473	31.69	22.27	-2.81	-2.46	21.92	-2.94	0.98	-0.56	-0.55	0.98	-0.11
371	3	472	36.13	19.76	-10.22	-9.87	19.41	-3.25	0.52	-1.44	-1.44	0.52	-0.07
		453	5.49	5.03	3.30	4.11	4.22	0.86	0.12	-0.34	0.11	-0.34	0.06
		454	7.38	6.85	3.62	5.46	5.02	1.60	0.27	-0.34	0.23	-0.30	0.15
		473	9.85	5.42	4.24	5.42	4.24	0.02	0.98	0.66	0.73	0.91	0.13
371	4	472	8.45	4.30	3.26	3.86	3.70	-0.51	0.92	0.59	0.60	0.91	0.04
		453	16.00	8.31	-2.24	-2.03	8.10	1.49	-1.00	-1.54	-1.02	-1.52	-0.11
		454	16.06	9.87	0.08	0.56	9.39	2.12	-0.66	-1.30	-0.68	-1.28	-0.13
		473	12.21	8.91	-0.82	-0.75	8.84	-0.83	0.35	-0.21	-0.21	0.35	-0.04
372	1	472	13.71	7.92	-3.57	-3.49	7.83	-0.98	0.18	-0.54	-0.54	0.18	-0.03
		454	25.13	18.57	7.45	17.50	8.52	3.28	1.42	-0.49	1.21	-0.27	0.60
		455	33.14	23.27	7.76	20.51	10.52	5.93	1.89	-0.76	1.42	-0.28	1.02
		474	36.87	22.68	7.27	22.36	7.59	2.20	3.66	1.88	2.87	2.67	0.88
372	2	473	30.82	18.42	6.44	18.42	6.44	-0.05	3.25	2.27	2.65	2.86	0.48
		454	41.76	24.33	-0.17	0.90	23.25	5.02	-1.80	-3.62	-1.86	-3.56	-0.33
		455	42.74	29.91	6.52	9.17	27.26	7.41	-0.78	-2.93	-0.85	-2.86	-0.38
		474	30.85	25.24	6.16	6.35	25.04	-1.92	1.51	0.45	0.47	1.50	-0.13
372	3	473	31.75	22.34	-2.67	-2.33	22.01	-2.88	0.98	-0.59	-0.58	0.97	-0.11
		454	7.34	6.83	3.62	5.45	5.01	1.59	0.27	-0.34	0.23	-0.30	0.15
		455	10.79	9.10	3.82	6.94	5.99	2.60	0.47	-0.35	0.37	-0.25	0.27
		474	12.24	7.49	4.65	7.24	4.90	0.81	1.14	0.63	0.88	0.89	0.25
372	4	473	9.89	5.44	4.26	5.44	4.26	0.03	0.98	0.66	0.74	0.91	0.13
		454	16.03	9.85	0.05	0.53	9.37	2.11	-0.65	-1.30	-0.68	-1.28	-0.12
		455	16.53	12.04	2.49	3.57	10.95	3.03	-0.27	-1.04	-0.30	-1.02	-0.14
		474	12.03	10.10	2.47	2.50	10.07	-0.41	0.55	0.16	0.17	0.54	-0.05
373	1	473	12.23	8.94	-0.77	-0.70	8.87	-0.81	0.35	-0.22	-0.22	0.35	-0.04
		455	32.88	23.22	7.76	20.48	10.49	5.90	1.86	-0.76	1.38	-0.29	1.01
		456	43.56	29.13	7.40	23.64	12.89	9.44	2.49	-1.05	1.65	-0.21	1.51
		475	46.01	28.35	7.51	26.89	8.97	5.32	4.21	1.34	3.10	2.45	1.40
373	2	474	37.24	22.75	7.31	22.41	7.65	2.25	3.71	1.90	2.93	2.68	0.90
		455	42.62	29.81	6.45	9.05	27.20	7.35	-0.73	-2.92	-0.80	-2.85	-0.37
		456	45.20	37.90	12.65	18.65	31.90	10.74	0.33	-2.20	0.27	-2.14	-0.39
		475	36.08	28.61	16.56	16.56	28.61	-0.10	2.12	1.62	1.67	2.07	-0.15
373	3	474	30.97	25.36	6.34	6.51	25.19	-1.81	1.50	0.36	0.38	1.48	-0.14
		455	10.72	9.07	3.82	6.92	5.97	2.58	0.46	-0.35	0.36	-0.25	0.27
		456	15.06	11.84	3.84	8.55	7.13	3.93	0.72	-0.37	0.52	-0.18	0.42
		475	15.74	10.15	4.84	9.32	5.66	1.92	1.37	0.54	1.04	0.87	0.40
		474	12.32	7.54	4.66	7.27	4.93	0.84	1.15	0.64	0.89	0.89	0.25



373	4	455	16.48	11.99	2.46	3.53	10.92	3.01	-0.26	-1.04	-0.28	-1.01	-0.14
		456	17.58	15.09	4.74	7.07	12.76	4.32	0.14	-0.77	0.11	-0.75	-0.14
		475	14.01	11.50	6.25	6.26	11.48	0.32	0.77	0.60	0.62	0.76	-0.05
		474	12.08	10.15	2.54	2.56	10.13	-0.37	0.54	0.13	0.14	0.54	-0.05
374	1	456	42.92	29.03	7.41	23.60	12.85	9.38	2.39	-1.09	1.54	-0.24	1.49
		457	57.07	36.32	6.11	26.84	15.59	14.02	3.30	-1.32	1.96	0.01	2.10
		476	58.40	35.62	6.95	32.07	10.49	9.44	4.84	0.65	3.27	2.21	2.03
		475	47.08	28.46	7.55	26.94	9.07	5.43	4.36	1.39	3.27	2.49	1.44
374	2	456	44.99	37.65	12.63	18.51	31.76	10.62	0.50	-2.17	0.44	-2.11	-0.39
		457	49.43	49.11	17.50	29.45	37.16	15.33	1.43	-1.43	1.40	-1.40	-0.31
		476	47.65	33.72	27.04	28.45	32.32	2.72	3.16	2.56	3.12	2.60	-0.14
		475	35.79	28.91	16.76	16.76	28.91	0.12	2.06	1.32	1.37	2.01	-0.18
374	3	456	14.90	11.79	3.85	8.52	7.11	3.91	0.70	-0.37	0.50	-0.18	0.41
		457	20.42	15.13	3.57	10.28	8.42	5.70	1.03	-0.38	0.70	-0.05	0.60
		476	20.44	13.41	4.79	11.73	6.47	3.41	1.64	0.40	1.20	0.84	0.59
		475	15.97	10.22	4.85	9.36	5.72	1.98	1.39	0.55	1.07	0.88	0.41
374	4	456	17.50	15.00	4.73	7.02	12.71	4.27	0.20	-0.76	0.18	-0.74	-0.15
		457	19.29	19.30	6.56	11.05	14.81	6.09	0.55	-0.49	0.53	-0.47	-0.11
		476	18.24	13.62	9.97	10.66	12.94	1.42	1.17	0.94	1.15	0.95	-0.05
		475	13.92	11.63	6.31	6.34	11.60	0.41	0.75	0.49	0.50	0.73	-0.07
375	1	457	55.18	36.15	6.27	26.78	15.64	13.87	2.93	-1.52	1.54	-0.13	2.06
		458	75.49	44.79	3.29	29.67	18.41	19.97	4.72	-1.32	2.64	0.76	2.87
		477	74.07	45.01	5.26	38.39	11.87	14.81	5.31	-0.42	3.19	1.70	2.77
		476	61.87	35.90	6.94	32.19	10.66	9.69	5.40	0.85	3.83	2.42	2.16
375	2	457	48.62	48.31	17.69	29.36	36.64	14.87	1.80	-1.33	1.76	-1.29	-0.37
		458	63.89	63.86	20.16	40.36	43.66	21.79	2.73	-0.10	2.73	-0.10	0.03
		477	64.80	47.42	30.23	42.93	34.72	7.55	4.86	2.33	4.86	2.33	-0.11
		476	45.02	34.89	27.19	28.85	33.23	3.17	2.47	2.06	2.18	2.35	-0.18
375	3	457	19.84	15.02	3.63	10.25	8.39	5.62	0.93	-0.42	0.60	-0.09	0.58
		458	27.67	18.97	2.77	11.92	9.82	8.03	1.56	-0.30	1.00	0.26	0.85
		477	26.39	17.51	4.29	14.67	7.13	5.43	1.85	0.12	1.31	0.67	0.81
		476	21.23	13.58	4.81	11.80	6.60	3.53	1.75	0.43	1.29	0.88	0.63
375	4	457	18.98	19.00	6.63	11.02	14.61	5.91	0.68	-0.45	0.67	-0.43	-0.14
		458	24.67	24.83	7.56	15.09	17.31	8.57	1.03	5.38e-03	1.03	5.57e-03	0.01
		477	24.46	18.41	11.51	16.02	13.90	3.28	1.80	0.85	1.80	0.85	-0.04
		476	17.33	14.07	10.02	10.81	13.29	1.60	0.91	0.76	0.80	0.86	-0.07
376	1	458	70.21	46.87	3.90	31.35	19.42	20.64	3.13	-2.07	0.97	0.10	2.56
		159	105.45	51.26	-4.45	23.53	23.28	27.85	9.03	0.38	6.12	3.29	4.09
		100	105.97	68.27	-1.32	55.49	11.46	26.95	5.46	-1.38	3.81	0.28	2.93
		477	80.71	43.07	5.06	37.23	10.91	13.71	6.98	0.03	4.43	2.59	3.35
376	2	458	62.82	63.73	19.53	39.62	43.64	22.01	2.42	0.08	2.42	0.08	4.68e-03
		159	99.95	74.23	18.05	40.62	51.66	27.54	9.15	5.54	9.07	5.62	-0.53
		100	108.69	78.83	20.10	64.45	34.48	25.25	7.82	0.11	7.82	0.12	0.19
		477	53.85	50.82	32.38	46.91	36.29	7.54	1.87	0.96	1.85	0.97	0.11
376	3	458	25.94	19.55	2.93	12.36	10.12	8.24	1.06	-0.50	0.49	0.07	0.76
		159	38.65	21.92	0.09	10.09	11.92	10.88	3.25	0.69	2.49	1.44	1.17
		100	39.54	26.86	1.57	21.37	7.06	10.43	2.10	-0.31	1.71	0.08	0.88
		477	27.87	17.20	4.40	14.63	6.97	5.13	2.18	0.09	1.44	0.83	1.00
376	4	458	24.29	24.79	7.32	14.81	17.30	8.64	0.92	0.07	0.92	0.07	-1.98e-03
		159	38.09	28.83	6.65	15.15	20.33	10.78	3.40	2.10	3.37	2.13	-0.20
		100	40.68	30.10	7.81	24.03	13.88	9.92	2.90	0.03	2.90	0.03	0.07
		477	20.49	19.62	12.37	17.50	14.49	3.30	0.68	0.35	0.68	0.35	0.04
377	1	8	16.90	12.17	-0.61	1.46	10.09	-4.72	0.33	-0.80	-0.33	-0.13	-0.55
		459	18.60	10.37	-3.71	-2.09	8.74	-4.50	0.84	-0.50	0.06	0.29	-0.66
		478	15.36	9.82	-1.83	-0.56	8.55	-3.63	0.41	-0.52	-0.38	0.27	-0.34
		72	15.66	11.08	-2.45	-1.41	10.05	-3.60	0.68	-0.21	0.25	0.21	-0.45
377	2	8	50.95	35.54	-8.67	0.15	26.71	-17.67	4.64	1.85	4.59	1.90	0.38
		459	50.07	42.06	-7.57	3.65	30.84	-20.76	0.61	-2.73	-2.59	0.47	0.68
		478	42.66	30.42	-11.71	-7.45	26.17	-12.70	-0.45	-1.26	-0.71	-1.00	0.38
		72	48.46	37.97	-9.26	0.91	27.80	-19.42	2.11	0.64	1.98	0.77	0.41
377	3	8	9.38	7.64	-0.97	0.48	6.19	-3.22	0.33	0.04	0.24	0.14	-0.14
		459	10.51	7.48	-1.73	-0.29	6.04	-3.35	0.19	-0.22	-0.17	0.13	-0.14
		478	8.39	6.42	-1.56	-0.69	5.55	-2.49	0.06	-0.17	-0.14	0.04	-0.08
		72	9.02	7.42	-1.57	-0.35	6.20	-3.08	0.24	0.04	0.18	0.10	-0.09
377	4	8	20.04	14.56	-3.35	0.09	11.12	-7.05	1.72	0.72	1.70	0.74	0.14
		459	19.93	16.89	-2.89	1.41	12.59	-8.17	0.24	-1.00	-0.95	0.19	0.25
		478	17.04	12.52	-4.49	-2.73	10.77	-5.18	-0.15	-0.44	-0.24	-0.34	0.14
		72	19.45	15.45	-3.65	0.34	11.46	-7.77	0.74	0.21	0.69	0.27	0.16
378	1	459	18.91	10.47	-2.69	-1.20	8.98	-4.17	0.81	-0.64	-0.20	0.36	-0.67
		460	18.94	9.04	-2.70	-1.39	7.73	-3.70	1.32	-0.23	0.21	0.89	-0.70
		479	15.80	8.57	-2.66	-1.49	7.40	-3.44	0.78	-0.29	-0.07	0.56	-0.43
		478	15.23	9.74	-2.37	-1.01	8.37	-3.83	0.49	-0.38	-0.14	0.25	-0.39
378	2	459	50.03	39.26	-12.62	-2.52	29.16	-20.54	2.24	0.78	1.32	1.70	0.70
		460	56.29	34.67	-17.10	-11.04	28.60	-16.65	0.96	-2.10	-2.06	0.93	0.32
		479	43.13	26.46	-13.46	-11.05	24.05	-9.52	-1.67	-2.47	-1.72	-2.43	0.18
		478	41.81	31.24	-9.23	-4.93	26.94	-12.47	-1.36	-2.05	-1.85	-1.56	0.31
378	3	459	10.31	7.31	-1.82	-0.50	5.98	-3.21	0.30	-0.05	0.03	0.23	-0.14



		460	10.63	6.43	-2.13	-1.17	5.47	-2.71	0.38	-0.17	-0.10	0.31	-0.18
		479	8.00	5.61	-1.86	-1.21	4.95	-2.12	0.08	-0.20	-0.14	0.02	-0.11
		478	8.40	6.46	-1.54	-0.63	5.55	-2.54	0.03	-0.21	-0.17	-8.51e-03	-0.09
378	4	459	19.79	15.85	-4.77	-0.89	11.96	-8.07	0.83	0.28	0.48	0.63	0.26
		460	21.90	14.03	-6.40	-4.02	11.65	-6.54	0.34	-0.79	-0.77	0.33	0.12
		479	16.95	10.91	-5.06	-4.04	9.88	-3.92	-0.61	-0.88	-0.63	-0.86	0.07
		478	16.68	12.83	-3.57	-1.79	11.05	-5.10	-0.48	-0.74	-0.67	-0.54	0.11
379	1	460	19.14	9.05	-2.68	-1.41	7.77	-3.65	1.24	-0.39	0.03	0.82	-0.71
		461	18.75	7.86	-2.51	-1.42	6.77	-3.18	1.53	-0.16	0.23	1.15	-0.71
		480	16.62	7.53	-2.70	-1.57	6.39	-3.21	1.23	-0.06	0.13	1.04	-0.46
		479	15.80	8.59	-2.67	-1.46	7.37	-3.49	0.83	-0.22	7.32e-03	0.60	-0.44
379	2	460	50.48	34.25	-17.04	-11.12	28.33	-16.39	1.38	-0.65	-0.53	1.26	0.49
		461	54.58	28.94	-20.53	-17.37	25.78	-12.10	0.64	-2.18	-2.15	0.60	0.32
		480	42.33	23.29	-18.63	-17.67	22.33	-6.27	-2.58	-3.03	-2.73	-2.88	0.22
		479	41.95	26.55	-13.56	-11.27	24.26	-9.31	-2.23	-2.68	-2.42	-2.49	0.22
379	3	460	10.39	6.40	-2.11	-1.18	5.47	-2.67	0.39	-0.11	-0.04	0.32	-0.17
		461	10.08	5.50	-2.25	-1.62	4.87	-2.13	0.43	-0.17	-0.10	0.37	-0.18
		480	8.11	4.88	-2.16	-1.70	4.42	-1.73	0.17	-0.20	-0.16	0.13	-0.12
		479	8.13	5.61	-1.87	-1.22	4.96	-2.12	0.08	-0.22	-0.17	0.03	-0.11
379	4	460	19.80	13.87	-6.37	-4.05	11.56	-6.44	0.50	-0.26	-0.21	0.45	0.19
		461	21.03	11.76	-7.60	-6.34	10.50	-4.77	0.22	-0.82	-0.81	0.20	0.12
		480	16.46	9.58	-6.90	-6.47	9.15	-2.63	-0.93	-1.10	-1.01	-1.03	0.08
		479	16.52	10.94	-5.10	-4.12	9.96	-3.84	-0.80	-0.97	-0.89	-0.88	0.09
380	1	461	18.86	7.85	-2.49	-1.41	6.78	-3.16	1.51	-0.21	0.17	1.13	-0.72
		462	18.57	6.79	-2.13	-1.23	5.88	-2.69	1.78	-0.03	0.32	1.42	-0.72
		481	17.42	6.60	-2.52	-1.44	5.52	-2.95	1.66	0.15	0.32	1.50	-0.47
		480	16.58	7.53	-2.71	-1.57	6.39	-3.22	1.24	-0.04	0.15	1.05	-0.45
380	2	461	52.49	28.88	-20.56	-17.45	25.77	-12.00	0.77	-1.74	-1.67	0.70	0.40
		462	55.31	24.57	-23.72	-22.23	23.08	-8.35	0.25	-2.62	-2.59	0.21	0.32
		481	44.62	20.67	-23.26	-22.93	20.33	-3.84	-3.10	-3.62	-3.50	-3.22	0.22
		480	41.69	23.26	-18.62	-17.66	22.30	-6.28	-2.74	-3.15	-2.99	-2.91	0.20
380	3	461	10.00	5.50	-2.25	-1.62	4.87	-2.11	0.43	-0.15	-0.08	0.37	-0.18
		462	9.62	4.70	-2.30	-1.90	4.30	-1.63	0.48	-0.17	-0.11	0.42	-0.18
		481	8.20	4.23	-2.35	-2.04	3.92	-1.40	0.28	-0.19	-0.16	0.24	-0.12
		480	8.15	4.87	-2.16	-1.70	4.42	-1.73	0.17	-0.21	-0.17	0.13	-0.12
380	4	461	20.28	11.74	-7.61	-6.37	10.50	-4.73	0.27	-0.66	-0.63	0.24	0.15
		462	21.09	10.00	-8.72	-8.12	9.39	-3.31	0.07	-0.98	-0.97	0.06	0.12
		481	16.98	8.47	-8.56	-8.40	8.31	-1.66	-1.11	-1.33	-1.29	-1.16	0.09
		480	16.23	9.57	-6.90	-6.47	9.13	-2.64	-0.99	-1.16	-1.10	-1.04	0.08
381	1	462	18.61	6.79	-2.12	-1.22	5.89	-2.68	1.77	-0.05	0.31	1.42	-0.72
		463	18.38	5.85	-1.56	-0.83	5.12	-2.21	2.03	0.13	0.46	1.70	-0.72
		482	18.33	5.81	-2.16	-1.11	4.76	-2.69	2.10	0.38	0.52	1.96	-0.48
		481	17.41	6.59	-2.53	-1.45	5.51	-2.95	1.66	0.16	0.32	1.50	-0.47
381	2	462	54.68	24.55	-23.78	-22.31	23.07	-8.31	0.29	-2.49	-2.44	0.25	0.35
		463	57.11	21.20	-26.51	-25.92	20.60	-5.31	-0.09	-3.07	-3.04	-0.12	0.31
		482	49.94	18.51	-26.99	-26.91	18.42	-2.01	-3.43	-4.12	-4.04	-3.50	0.21
		481	45.02	20.65	-23.23	-22.89	20.31	-3.85	-3.15	-3.67	-3.58	-3.24	0.20
381	3	462	9.60	4.70	-2.30	-1.90	4.30	-1.63	0.48	-0.16	-0.10	0.42	-0.18
		463	9.21	4.03	-2.27	-2.03	3.79	-1.20	0.53	-0.16	-0.10	0.48	-0.19
		482	8.25	3.67	-2.42	-2.21	3.46	-1.12	0.39	-0.17	-0.14	0.36	-0.12
		481	8.21	4.22	-2.35	-2.03	3.91	-1.40	0.27	-0.20	-0.16	0.24	-0.12
381	4	462	20.86	9.99	-8.74	-8.15	9.39	-3.29	0.09	-0.93	-0.92	0.07	0.14
		463	21.58	8.63	-9.71	-9.46	8.38	-2.12	-0.05	-1.15	-1.14	-0.06	0.12
		482	18.80	7.56	-9.90	-9.86	7.51	-0.91	-1.23	-1.52	-1.49	-1.26	0.08
		481	17.13	8.46	-8.55	-8.39	8.30	-1.67	-1.13	-1.35	-1.32	-1.16	0.08
382	1	463	18.40	5.86	-1.55	-0.82	5.13	-2.21	2.03	0.12	0.45	1.70	-0.72
		464	18.20	5.07	-0.78	-0.21	4.50	-1.74	2.28	0.31	0.62	1.97	-0.72
		483	19.38	5.19	-1.60	-0.55	4.14	-2.45	2.55	0.62	0.75	2.42	-0.48
		482	18.32	5.81	-2.17	-1.12	4.76	-2.69	2.10	0.38	0.53	1.96	-0.48
382	2	463	56.93	21.19	-26.57	-25.97	20.59	-5.30	-0.07	-3.03	-2.99	-0.11	0.31
		464	58.80	18.65	-28.67	-28.50	18.49	-2.81	-0.35	-3.43	-3.41	-0.38	0.27
		483	53.72	16.75	-29.70	-29.69	16.74	-0.65	-3.66	-4.48	-4.43	-3.71	0.20
		482	50.04	18.50	-26.97	-26.88	18.41	-2.02	-3.45	-4.13	-4.07	-3.51	0.20
382	3	463	9.21	4.03	-2.27	-2.03	3.79	-1.20	0.53	-0.15	-0.10	0.48	-0.19
		464	8.81	3.49	-2.14	-2.02	3.37	-0.82	0.59	-0.13	-0.08	0.54	-0.19
		483	8.27	3.22	-2.38	-2.24	3.07	-0.88	0.51	-0.13	-0.10	0.48	-0.13
		482	8.26	3.67	-2.43	-2.21	3.46	-1.12	0.39	-0.17	-0.14	0.36	-0.12
382	4	463	21.51	8.62	-9.73	-9.48	8.37	-2.11	-0.05	-1.13	-1.12	-0.06	0.12
		464	22.08	7.58	-10.47	-10.40	7.51	-1.13	-0.15	-1.28	-1.27	-0.16	0.10
		483	20.10	6.81	-10.88	-10.87	6.81	-0.35	-1.32	-1.65	-1.63	-1.34	0.08
		482	18.84	7.55	-9.89	-9.85	7.50	-0.92	-1.24	-1.52	-1.50	-1.26	0.08
383	1	464	18.21	5.07	-0.77	-0.19	4.50	-1.74	2.28	0.30	0.61	1.97	-0.72
		465	18.07	4.43	0.24	0.65	4.02	-1.25	2.51	0.51	0.79	2.23	-0.70
		484	20.58	4.75	-0.85	0.25	3.65	-2.22	2.99	0.89	1.01	2.87	-0.48
		483	19.38	5.18	-1.61	-0.56	4.14	-2.45	2.55	0.62	0.75	2.42	-0.48
383	2	464	58.75	18.65	-28.70	-28.54	18.48	-2.81	-0.35	-3.41	-3.39	-0.37	0.27
		465	59.80	16.83	-30.03	-30.02	16.82	-0.68	-0.53	-3.66	-3.64	-0.55	0.23



		484	55.92	15.37	-31.33	-31.32	15.37	0.35	-3.82	-4.71	-4.67	-3.86	0.18
		483	53.74	16.74	-29.68	-29.67	16.73	-0.66	-3.67	-4.48	-4.44	-3.72	0.19
383	3	464	8.81	3.49	-2.14	-2.01	3.37	-0.82	0.59	-0.13	-0.08	0.54	-0.19
		465	8.38	3.08	-1.90	-1.86	3.03	-0.46	0.65	-0.10	-0.05	0.60	-0.19
		484	8.24	2.86	-2.20	-2.11	2.77	-0.68	0.63	-0.07	-0.04	0.60	-0.13
		483	8.27	3.22	-2.38	-2.24	3.07	-0.89	0.51	-0.13	-0.10	0.48	-0.13
383	4	464	22.06	7.58	-10.48	-10.41	7.51	-1.13	-0.15	-1.28	-1.27	-0.16	0.10
		465	22.37	6.83	-10.95	-10.95	6.83	-0.30	-0.22	-1.37	-1.36	-0.22	0.09
		484	20.85	6.24	-11.46	-11.46	6.24	0.08	-1.38	-1.74	-1.72	-1.39	0.07
		483	20.11	6.81	-10.87	-10.87	6.81	-0.35	-1.32	-1.65	-1.64	-1.34	0.07
384	1	465	18.08	4.44	0.25	0.67	4.02	-1.25	2.51	0.51	0.79	2.23	-0.70
		466	18.02	3.94	1.51	1.76	3.69	-0.74	2.71	0.73	0.99	2.45	-0.67
		485	21.93	4.52	0.09	1.31	3.30	-1.98	3.43	1.18	1.28	3.32	-0.47
		484	20.59	4.74	-0.85	0.24	3.65	-2.22	2.99	0.89	1.01	2.88	-0.48
384	2	465	59.79	16.83	-30.05	-30.04	16.82	-0.69	-0.53	-3.65	-3.64	-0.55	0.22
		466	59.84	15.66	-30.50	-30.47	15.63	1.21	-0.63	-3.75	-3.74	-0.64	0.18
		485	56.52	14.39	-31.84	-31.82	14.37	1.12	-3.90	-4.80	-4.77	-3.93	0.16
		484	55.93	15.37	-31.32	-31.32	15.37	0.35	-3.82	-4.71	-4.67	-3.86	0.17
384	3	465	8.38	3.08	-1.90	-1.86	3.04	-0.46	0.65	-0.10	-0.05	0.60	-0.19
		466	7.93	2.81	-1.56	-1.55	2.80	-0.12	0.71	-0.04	5.02e-03	0.66	-0.18
		485	8.17	2.60	-1.88	-1.82	2.54	-0.50	0.75	0.01	0.03	0.73	-0.13
		484	8.24	2.86	-2.21	-2.11	2.77	-0.69	0.63	-0.07	-0.04	0.60	-0.13
384	4	465	22.36	6.83	-10.96	-10.95	6.83	-0.30	-0.22	-1.36	-1.36	-0.22	0.09
		466	22.33	6.35	-11.12	-11.10	6.34	0.45	-0.25	-1.40	-1.40	-0.26	0.07
		485	21.04	5.83	-11.65	-11.64	5.82	0.41	-1.40	-1.77	-1.76	-1.42	0.06
		484	20.85	6.24	-11.46	-11.46	6.24	0.07	-1.38	-1.74	-1.72	-1.39	0.07
385	1	466	18.04	3.95	1.53	1.78	3.70	-0.74	2.72	0.73	0.99	2.46	-0.67
		467	18.13	3.60	3.07	3.14	3.53	-0.17	2.88	0.97	1.19	2.65	-0.62
		486	23.44	4.59	1.15	2.66	3.08	-1.71	3.84	1.49	1.58	3.75	-0.45
		485	21.94	4.52	0.08	1.30	3.30	-1.98	3.43	1.18	1.28	3.32	-0.47
385	2	466	59.83	15.66	-30.50	-30.47	15.63	1.20	-0.63	-3.75	-3.74	-0.64	0.18
		467	58.79	15.14	-30.05	-29.85	14.94	2.98	-0.63	-3.71	-3.70	-0.64	0.14
		486	55.50	13.82	-31.23	-31.16	13.75	1.77	-3.91	-4.76	-4.73	-3.93	0.14
		485	56.52	14.39	-31.84	-31.82	14.36	1.12	-3.90	-4.80	-4.77	-3.93	0.15
385	3	466	7.93	2.81	-1.55	-1.55	2.80	-0.12	0.71	-0.04	5.20e-03	0.66	-0.18
		467	7.48	2.69	-1.11	-1.09	2.67	0.22	0.76	0.03	0.07	0.72	-0.17
		486	8.10	2.44	-1.40	-1.37	2.41	-0.33	0.88	0.11	0.13	0.86	-0.12
		485	8.18	2.60	-1.88	-1.83	2.54	-0.51	0.75	0.01	0.03	0.73	-0.13
385	4	466	22.33	6.35	-11.12	-11.10	6.34	0.45	-0.25	-1.40	-1.40	-0.25	0.07
		467	21.92	6.13	-10.95	-10.87	6.05	1.15	-0.25	-1.38	-1.38	-0.26	0.05
		486	20.64	5.60	-11.42	-11.39	5.57	0.70	-1.41	-1.76	-1.75	-1.42	0.05
		485	21.04	5.83	-11.65	-11.64	5.82	0.41	-1.41	-1.77	-1.76	-1.42	0.06
386	1	467	18.15	3.61	3.09	3.16	3.54	-0.18	2.88	0.97	1.19	2.65	-0.62
		468	18.52	4.96	3.38	4.81	3.54	0.47	2.99	1.22	1.41	2.80	-0.55
		487	25.12	5.20	2.13	4.33	3.00	-1.38	4.22	1.83	1.90	4.14	-0.42
		486	23.45	4.59	1.14	2.65	3.08	-1.71	3.84	1.49	1.58	3.75	-0.45
386	2	467	58.76	15.14	-30.03	-29.84	14.95	2.97	-0.63	-3.71	-3.70	-0.64	0.13
		468	56.61	15.27	-28.66	-28.14	14.75	4.74	-0.56	-3.53	-3.52	-0.56	0.09
		487	52.83	13.67	-29.49	-29.36	13.54	2.38	-3.84	-4.58	-4.56	-3.86	0.12
		486	55.50	13.81	-31.24	-31.17	13.74	1.76	-3.91	-4.76	-4.73	-3.93	0.13
386	3	467	7.48	2.69	-1.10	-1.09	2.68	0.22	0.76	0.03	0.07	0.72	-0.17
		468	7.09	2.76	-0.58	-0.47	2.65	0.58	0.81	0.11	0.15	0.77	-0.15
		487	8.06	2.36	-0.74	-0.74	2.36	-0.14	1.00	0.22	0.23	0.98	-0.11
		486	8.10	2.43	-1.40	-1.37	2.41	-0.33	0.88	0.11	0.13	0.86	-0.12
386	4	467	21.91	6.13	-10.94	-10.86	6.06	1.15	-0.25	-1.38	-1.38	-0.26	0.05
		468	21.12	6.18	-10.44	-10.23	5.97	1.85	-0.22	-1.32	-1.31	-0.22	0.04
		487	19.65	5.54	-10.78	-10.72	5.48	0.97	-1.38	-1.69	-1.68	-1.39	0.05
		486	20.64	5.59	-11.42	-11.39	5.57	0.70	-1.41	-1.75	-1.75	-1.42	0.05
387	1	468	18.54	4.99	3.39	4.83	3.54	0.47	2.99	1.22	1.41	2.80	-0.55
		469	19.39	7.23	3.28	6.79	3.72	1.25	3.03	1.50	1.64	2.89	-0.44
		488	26.98	6.62	2.79	6.36	3.05	-0.96	4.55	2.19	2.24	4.49	-0.36
		487	25.12	5.19	2.12	4.32	3.00	-1.38	4.22	1.83	1.90	4.14	-0.42
387	2	468	56.56	15.28	-28.62	-28.11	14.76	4.73	-0.56	-3.53	-3.52	-0.56	0.08
		469	53.41	16.13	-26.37	-25.32	15.08	6.58	-0.40	-3.21	-3.20	-0.40	0.04
		488	48.55	13.98	-26.61	-26.38	13.75	3.06	-3.72	-4.27	-4.25	-3.73	0.10
		487	52.84	13.66	-29.51	-29.37	13.53	2.38	-3.85	-4.58	-4.56	-3.86	0.11
387	3	468	7.09	2.76	-0.57	-0.46	2.65	0.58	0.81	0.11	0.15	0.77	-0.15
		469	6.90	3.09	-0.03	0.33	2.74	0.99	0.84	0.21	0.24	0.81	-0.13
		488	8.14	2.40	0.08	0.08	2.40	0.08	1.11	0.35	0.36	1.10	-0.10
		487	8.07	2.36	-0.75	-0.74	2.36	-0.14	1.00	0.22	0.23	0.98	-0.11
387	4	468	21.11	6.18	-10.43	-10.22	5.98	1.84	-0.22	-1.32	-1.31	-0.22	0.03
		469	19.98	6.52	-9.61	-9.19	6.10	2.57	-0.16	-1.20	-1.20	-0.16	0.02
		488	18.08	5.67	-9.72	-9.62	5.57	1.27	-1.34	-1.57	-1.57	-1.34	0.04
		487	19.65	5.54	-10.78	-10.72	5.48	0.97	-1.38	-1.69	-1.68	-1.39	0.04
388	1	469	19.41	7.26	3.29	6.82	3.72	1.24	3.03	1.50	1.64	2.89	-0.44
		470	21.00	9.94	3.26	9.12	4.09	2.20	3.00	1.79	1.87	2.92	-0.30
		489	29.11	8.80	3.19	8.77	3.22	-0.40	4.82	2.57	2.60	4.78	-0.28



388	2	488	26.99	6.60	2.78	6.34	3.05	-0.97	4.55	2.19	2.24	4.50	-0.36
		469	53.35	16.14	-26.32	-25.27	15.09	6.58	-0.40	-3.21	-3.21	-0.40	0.04
		470	49.48	17.84	-23.26	-21.37	15.95	8.61	-0.16	-2.75	-2.75	-0.16	-4.37e-04
		489	42.71	14.80	-22.62	-22.21	14.39	3.90	-3.52	-3.82	-3.80	-3.54	0.08
388	3	488	48.56	13.97	-26.64	-26.41	13.74	3.05	-3.72	-4.26	-4.25	-3.73	0.09
		469	6.90	3.09	-0.02	0.34	2.74	0.99	0.84	0.21	0.24	0.81	-0.13
		470	7.11	3.79	0.45	1.30	2.94	1.46	0.85	0.33	0.34	0.84	-0.09
		489	8.44	2.60	1.02	1.11	2.52	0.35	1.20	0.49	0.50	1.20	-0.07
388	4	488	8.14	2.40	0.07	0.08	2.40	0.07	1.11	0.35	0.36	1.10	-0.10
		469	19.96	6.53	-9.59	-9.17	6.11	2.57	-0.16	-1.20	-1.20	-0.16	0.01
		470	18.60	7.21	-8.48	-7.73	6.45	3.36	-0.07	-1.02	-1.02	-0.07	4.49e-04
		489	15.97	6.02	-8.26	-8.08	5.83	1.62	-1.26	-1.41	-1.40	-1.27	0.03
389	1	488	18.09	5.67	-9.73	-9.63	5.56	1.27	-1.34	-1.57	-1.57	-1.34	0.03
		470	21.03	9.97	3.27	9.15	4.09	2.20	3.00	1.79	1.87	2.92	-0.30
		471	23.73	13.16	3.29	11.80	4.65	3.40	2.89	2.08	2.10	2.88	-0.11
		490	31.65	11.66	3.50	11.64	3.51	0.36	5.00	2.96	2.97	4.99	-0.15
389	2	489	29.11	8.78	3.19	8.75	3.22	-0.41	4.82	2.57	2.60	4.78	-0.28
		470	49.41	17.85	-23.19	-21.30	15.96	8.60	-0.16	-2.75	-2.75	-0.16	-8.08e-03
		471	45.41	20.60	-19.49	-16.26	17.37	10.91	0.16	-2.15	-2.15	0.16	-0.04
		490	35.48	16.24	-17.58	-16.83	15.48	4.99	-3.19	-3.31	-3.22	-3.28	0.06
389	3	489	42.72	14.79	-22.65	-22.24	14.38	3.89	-3.52	-3.82	-3.80	-3.54	0.07
		470	7.11	3.80	0.46	1.32	2.94	1.46	0.85	0.33	0.34	0.84	-0.09
		471	7.95	4.93	0.80	2.47	3.25	2.03	0.85	0.45	0.46	0.85	-0.04
		490	9.10	3.26	1.82	2.35	2.73	0.70	1.28	0.65	0.65	1.28	-0.04
389	4	489	8.44	2.60	1.02	1.10	2.52	0.35	1.21	0.49	0.50	1.20	-0.08
		470	18.58	7.21	-8.46	-7.70	6.46	3.36	-0.07	-1.03	-1.03	-0.07	-2.04e-03
		471	17.22	8.30	-7.12	-5.84	7.02	4.25	0.05	-0.80	-0.80	0.04	-0.02
		490	13.38	6.62	-6.42	-6.09	6.28	2.07	-1.16	-1.20	-1.18	-1.17	0.02
390	1	489	15.97	6.01	-8.27	-8.09	5.83	1.62	-1.26	-1.40	-1.40	-1.27	0.03
		471	23.75	13.19	3.30	11.84	4.65	3.40	2.89	2.08	2.10	2.88	-0.11
		472	27.95	17.00	3.31	14.89	5.42	4.95	2.79	2.29	2.33	2.75	0.14
		491	34.86	15.21	3.73	15.03	3.90	1.42	5.08	3.35	3.35	5.08	0.02
390	2	490	31.65	11.64	3.50	11.62	3.51	0.35	5.00	2.96	2.97	4.99	-0.15
		471	45.34	20.62	-19.42	-16.18	17.38	10.92	0.16	-2.15	-2.15	0.16	-0.05
		472	42.30	24.71	-15.31	-9.97	19.37	13.61	0.55	-1.42	-1.42	0.55	-0.08
		491	34.37	18.49	-11.64	-10.19	17.04	6.45	-2.51	-2.96	-2.51	-2.96	0.04
390	3	490	35.48	16.23	-17.62	-16.87	15.48	4.98	-3.20	-3.30	-3.22	-3.28	0.05
		471	7.95	4.94	0.80	2.49	3.25	2.03	0.85	0.45	0.46	0.85	-0.04
		472	9.59	6.50	1.03	3.84	3.69	2.73	0.85	0.57	0.58	0.84	0.04
		491	10.27	4.66	2.19	3.84	3.02	1.16	1.33	0.82	0.82	1.33	7.67e-03
390	4	490	9.10	3.26	1.81	2.34	2.73	0.70	1.28	0.65	0.65	1.28	-0.04
		471	17.20	8.31	-7.10	-5.81	7.02	4.26	0.04	-0.81	-0.80	0.04	-0.02
		472	16.24	9.91	-5.61	-3.52	7.82	5.30	0.19	-0.53	-0.53	0.19	-0.03
		491	13.17	7.54	-4.27	-3.64	6.91	2.65	-0.92	-1.05	-0.92	-1.05	0.01
391	1	490	13.38	6.61	-6.44	-6.10	6.28	2.07	-1.16	-1.20	-1.18	-1.17	0.02
		472	27.98	17.04	3.31	14.93	5.42	4.95	2.79	2.29	2.33	2.75	0.14
		473	34.08	21.60	3.21	18.41	6.40	6.96	3.01	2.09	2.55	2.55	0.46
		492	39.17	19.58	3.84	19.04	4.38	2.86	5.08	3.68	3.72	5.04	0.25
391	2	491	34.85	15.19	3.73	15.01	3.91	1.40	5.08	3.35	3.35	5.08	0.02
		472	42.26	24.74	-15.24	-9.87	19.38	13.63	0.55	-1.43	-1.43	0.55	-0.09
		473	41.89	30.53	-11.03	-2.45	21.95	16.82	1.01	-0.55	-0.54	1.00	-0.11
		492	34.52	21.95	-5.17	-2.28	19.06	8.37	-1.66	-2.58	-1.66	-2.58	0.02
391	3	491	34.42	18.48	-11.68	-10.24	17.04	6.43	-2.50	-2.96	-2.50	-2.96	0.03
		472	9.59	6.51	1.04	3.86	3.69	2.73	0.85	0.57	0.58	0.84	0.03
		473	12.11	8.50	1.18	5.43	4.24	3.61	0.90	0.62	0.71	0.82	0.13
		492	12.13	6.59	2.39	5.60	3.38	1.78	1.36	0.98	0.99	1.35	0.07
391	4	491	10.27	4.65	2.20	3.83	3.02	1.16	1.33	0.82	0.82	1.33	7.32e-03
		472	16.23	9.92	-5.59	-3.49	7.82	5.30	0.19	-0.54	-0.53	0.19	-0.03
		473	16.28	12.15	-4.06	-0.75	8.85	6.53	0.36	-0.21	-0.21	0.36	-0.04
		492	13.36	8.93	-1.92	-0.72	7.73	3.41	-0.60	-0.91	-0.60	-0.91	7.48e-03
392	1	491	13.19	7.54	-4.28	-3.66	6.91	2.65	-0.92	-1.05	-0.92	-1.05	0.01
		473	34.13	21.64	3.19	18.45	6.39	6.98	3.01	2.10	2.56	2.55	0.46
		474	42.58	27.13	2.88	22.42	7.59	9.60	3.44	1.60	2.78	2.27	0.88
		493	45.25	24.97	3.73	23.80	4.89	4.83	5.12	3.79	4.09	4.82	0.56
392	2	492	39.16	19.56	3.85	19.02	4.38	2.85	5.09	3.68	3.72	5.04	0.25
		473	41.94	30.59	-10.98	-2.34	21.95	16.87	1.00	-0.58	-0.57	0.99	-0.11
		474	46.02	38.43	-6.97	6.36	25.10	20.68	1.54	0.46	0.48	1.52	-0.14
		493	35.76	27.33	1.17	6.99	21.51	10.88	-0.69	-2.15	-0.69	-2.15	7.14e-03
392	3	492	34.58	21.94	-5.20	-2.33	19.06	8.35	-1.65	-2.58	-1.65	-2.58	7.22e-03
		473	12.11	8.51	1.17	5.45	4.24	3.62	0.90	0.63	0.71	0.82	0.13
		474	15.57	10.95	1.21	7.26	4.91	4.73	1.07	0.56	0.85	0.77	0.25
		493	14.83	8.99	2.49	7.69	3.79	2.60	1.42	1.06	1.17	1.31	0.17
392	4	492	12.13	6.58	2.40	5.59	3.38	1.77	1.36	0.98	0.99	1.35	0.08
		473	16.30	12.18	-4.04	-0.71	8.85	6.55	0.36	-0.22	-0.22	0.36	-0.04
		474	17.95	15.16	-2.57	2.50	10.10	8.01	0.56	0.16	0.17	0.55	-0.05
		493	13.96	11.03	0.39	2.70	8.71	4.39	-0.24	-0.75	-0.24	-0.75	2.58e-03
		492	13.38	8.93	-1.94	-0.74	7.73	3.41	-0.60	-0.91	-0.60	-0.91	3.16e-03



393	1	474	42.67	27.19	2.82	22.45	7.56	9.65	3.45	1.64	2.81	2.28	0.86
		475	53.90	33.81	2.15	26.98	8.98	13.02	3.97	0.94	2.98	1.93	1.42
		494	53.92	31.61	3.31	29.47	5.45	7.48	5.37	3.44	4.45	4.37	0.96
		493	45.23	24.94	3.76	23.79	4.91	4.81	5.12	3.78	4.09	4.82	0.57
393	2	474	46.20	38.54	-6.98	6.49	25.08	20.77	1.51	0.37	0.38	1.50	-0.13
		475	55.51	48.67	-3.34	16.58	28.75	25.28	2.17	1.61	1.68	2.11	-0.18
		494	38.55	35.45	6.54	17.64	24.35	14.06	0.38	-1.68	0.38	-1.68	-2.88e-03
		493	35.83	27.31	1.16	6.93	21.54	10.84	-0.64	-2.14	-0.64	-2.14	-5.19e-03
393	3	474	15.59	10.98	1.19	7.28	4.90	4.75	1.06	0.57	0.86	0.78	0.25
		475	20.09	13.92	1.11	9.35	5.68	6.14	1.29	0.43	1.01	0.72	0.41
		494	18.56	11.91	2.48	10.14	4.24	3.68	1.58	0.99	1.36	1.22	0.29
		493	14.84	8.98	2.50	7.68	3.80	2.59	1.43	1.06	1.18	1.31	0.17
393	4	474	18.02	15.20	-2.57	2.55	10.09	8.05	0.55	0.13	0.14	0.54	-0.05
		475	21.52	19.02	-1.22	6.27	11.54	9.77	0.80	0.59	0.62	0.77	-0.07
		494	15.12	14.09	2.39	6.64	9.85	5.63	0.16	-0.58	0.16	-0.58	-1.19e-03
		493	13.98	11.02	0.38	2.68	8.72	4.38	-0.22	-0.75	-0.22	-0.75	-1.62e-03
394	1	475	54.25	33.90	2.04	27.00	8.94	13.13	4.03	1.05	3.11	1.97	1.38
		476	68.14	41.81	0.91	32.19	10.53	17.34	4.53	0.06	3.10	1.50	2.08
		495	65.96	39.73	2.58	36.18	6.13	10.92	5.81	2.63	4.77	3.66	1.49
		494	53.81	31.60	3.33	29.48	5.45	7.45	5.36	3.40	4.41	4.35	0.98
394	2	475	55.72	48.88	-3.49	16.72	28.67	25.49	2.08	1.35	1.37	2.05	-0.14
		476	69.78	61.22	-0.10	28.48	32.64	30.59	3.27	2.63	3.15	2.76	-0.25
		495	45.30	46.52	10.66	29.57	27.60	17.91	1.46	-1.10	1.46	-1.10	-0.02
		494	38.55	35.44	6.59	17.63	24.41	14.02	0.55	-1.67	0.55	-1.67	9.40e-04
394	3	475	20.15	13.98	1.05	9.37	5.66	6.19	1.30	0.45	1.02	0.73	0.40
		476	25.63	17.44	0.84	11.77	6.51	7.88	1.55	0.25	1.15	0.64	0.60
		495	23.41	15.40	2.37	13.01	4.77	5.05	1.80	0.79	1.54	1.05	0.44
		494	18.58	11.90	2.50	10.15	4.25	3.67	1.59	0.99	1.36	1.21	0.29
394	4	475	21.62	19.10	-1.27	6.32	11.51	9.85	0.76	0.50	0.51	0.75	-0.05
		476	26.81	23.73	4.18e-03	10.67	13.06	11.80	1.21	0.97	1.16	1.01	-0.09
		495	17.56	18.20	3.98	11.05	11.13	7.11	0.56	-0.36	0.56	-0.36	-8.64e-03
		494	15.13	14.09	2.41	6.64	9.87	5.61	0.22	-0.57	0.22	-0.57	5.71e-04
395	1	476	70.01	42.15	0.68	32.32	10.51	17.63	4.90	0.40	3.64	1.66	2.02
		477	82.81	50.90	-0.41	38.40	12.09	22.02	4.59	-1.34	2.75	0.50	2.75
		496	81.56	49.11	1.93	43.45	7.59	15.33	6.52	1.77	5.16	3.14	2.15
		495	64.62	39.75	2.50	36.25	5.99	10.86	5.56	2.48	4.50	3.54	1.46
395	2	476	69.31	61.92	-0.45	28.77	32.70	31.12	2.71	2.19	2.26	2.64	-0.18
		477	85.74	74.68	3.61	42.90	35.40	35.33	5.09	2.94	4.94	3.09	-0.54
		496	62.24	59.25	14.26	41.36	32.15	22.02	2.67	0.24	2.67	0.24	-0.09
		495	47.11	46.66	10.59	29.77	27.48	18.00	1.82	-1.17	1.82	-1.17	6.76e-03
395	3	476	26.05	17.61	0.72	11.83	6.51	8.01	1.61	0.31	1.25	0.68	0.58
		477	31.17	21.33	0.60	14.67	7.26	9.68	1.65	-0.09	1.18	0.38	0.77
		496	29.35	19.33	2.31	16.03	5.61	6.72	2.11	0.63	1.74	0.99	0.63
		495	23.16	15.41	2.35	13.05	4.72	5.03	1.74	0.75	1.48	1.01	0.43
395	4	476	26.70	23.99	-0.14	10.78	13.08	12.01	1.00	0.81	0.84	0.97	-0.07
		477	32.66	28.74	1.43	16.01	14.16	13.63	1.89	1.09	1.83	1.15	-0.20
		496	23.92	22.94	5.35	15.42	12.88	8.70	1.01	0.14	1.01	0.14	-0.03
		495	18.17	18.25	3.96	11.13	11.09	7.15	0.69	-0.39	0.69	-0.39	2.84e-03
396	1	477	91.08	51.36	-2.42	37.30	11.65	23.64	5.68	-1.41	4.32	-0.05	2.79
		100	98.02	65.53	2.33	56.51	11.35	22.10	4.84	-2.24	2.31	0.29	3.39
		164	107.22	49.44	3.79	40.47	12.76	18.13	10.31	0.80	8.30	2.80	3.88
		496	73.71	49.93	2.97	44.78	8.12	14.67	5.44	2.26	4.20	3.49	1.55
396	2	477	83.63	80.00	3.04	46.88	36.16	38.10	3.13	1.92	2.79	2.26	-0.55
		100	110.84	80.10	15.60	63.74	31.95	28.06	8.62	3.93	8.62	3.93	-0.08
		164	89.53	69.01	13.63	43.15	39.49	27.63	7.65	2.14	7.64	2.15	-0.28
		496	62.39	57.96	14.79	40.84	31.91	21.12	3.28	0.74	3.25	0.78	-0.30
396	3	477	33.45	21.96	-0.13	14.65	7.18	10.40	1.86	-0.20	1.50	0.16	0.79
		100	37.22	26.02	2.38	21.61	6.79	9.20	1.99	-0.21	1.35	0.43	1.00
		164	38.69	20.38	2.65	15.27	7.76	8.03	3.51	0.48	3.01	0.97	1.12
		496	27.15	19.43	2.70	16.39	5.74	6.45	1.81	0.85	1.52	1.14	0.44
396	4	477	32.05	30.73	1.20	17.49	14.44	14.68	1.17	0.72	1.04	0.85	-0.20
		100	41.72	30.56	6.08	23.75	12.89	10.97	3.21	1.51	3.21	1.51	-0.02
		164	33.77	26.72	5.03	16.06	15.68	10.84	2.82	0.78	2.81	0.78	-0.11
		496	24.01	22.46	5.56	15.23	12.79	8.36	1.25	0.33	1.24	0.34	-0.11
397	1	72	16.46	11.49	-3.18	-1.76	10.08	-4.33	0.78	-0.03	0.43	0.32	-0.40
		478	16.34	10.00	-1.67	-0.20	8.52	-3.88	0.42	-0.73	-0.49	0.18	-0.47
		497	15.16	8.86	-4.02	-3.36	8.20	-2.85	0.79	0.21	0.24	0.76	-0.13
		7	10.99	10.79	0.72	1.67	9.83	-2.94	-0.20	-0.53	-0.52	-0.21	-0.06
397	2	72	41.29	35.01	-6.42	1.13	27.47	-15.99	2.38	1.60	2.20	1.79	0.33
		478	40.73	31.07	-12.34	-7.54	26.27	-13.62	-0.82	-1.19	-0.88	-1.13	-0.14
		497	33.28	24.16	0.83	2.55	22.45	-6.08	-0.20	-2.91	-2.91	-0.20	-0.03
		7	43.15	27.38	-9.58	-0.30	18.10	-16.02	4.09	0.38	4.07	0.40	-0.28
397	3	72	9.40	7.35	-1.61	-0.44	6.17	-3.03	0.33	0.16	0.25	0.24	-0.09
		478	8.95	6.53	-1.57	-0.59	5.55	-2.64	0.07	-0.27	-0.19	-3.29e-03	-0.14
		497	7.99	5.58	-1.27	-0.76	5.08	-1.79	0.20	-0.15	-0.15	0.20	-0.03
		7	7.06	6.50	-0.66	0.51	5.33	-2.64	0.14	-0.05	0.13	-0.04	-0.04
397	4	72	16.76	14.34	-2.60	0.42	11.33	-6.48	0.87	0.58	0.78	0.67	0.13



		478	16.39	12.78	-4.73	-2.77	10.81	-5.53	-0.29	-0.41	-0.31	-0.39	-0.05
		497	13.35	10.13	0.16	0.99	9.30	-2.75	-0.09	-1.08	-1.08	-0.09	1.51e-03
		7	17.19	11.46	-3.76	-0.08	7.78	-6.52	1.50	0.13	1.49	0.14	-0.11
398	1	478	15.31	9.53	-2.28	-1.06	8.31	-3.60	0.58	-0.37	-0.07	0.28	-0.44
		479	15.98	8.65	-2.70	-1.48	7.44	-3.51	0.76	-0.34	-0.12	0.55	-0.43
		498	17.26	8.23	-3.17	-2.13	7.19	-3.29	1.49	0.39	0.40	1.48	-0.10
		497	15.81	9.48	-2.78	-1.87	8.57	-3.22	0.67	-0.25	-0.24	0.66	-0.07
398	2	478	42.33	32.46	-10.18	-4.78	27.06	-14.18	-1.73	-1.88	-1.86	-1.75	-0.05
		479	42.63	26.17	-13.37	-11.12	23.92	-9.17	-1.62	-2.42	-1.68	-2.35	0.22
		498	46.65	21.91	-13.34	-13.23	21.80	-1.92	1.13	-2.03	-2.01	1.12	0.20
		497	29.26	21.35	-4.76	-3.77	20.36	-4.99	1.59	1.36	1.39	1.55	-0.08
398	3	478	8.64	6.49	-1.58	-0.63	5.54	-2.60	0.06	-0.23	-0.15	-0.02	-0.13
		479	8.04	5.60	-1.87	-1.21	4.95	-2.11	0.08	-0.21	-0.15	0.03	-0.11
		498	9.12	5.00	-1.93	-1.58	4.64	-1.53	0.50	-0.04	-0.04	0.50	-8.65e-03
		497	7.91	5.54	-1.32	-0.80	5.03	-1.81	0.30	0.02	0.02	0.30	-0.02
398	4	478	16.93	13.29	-3.93	-1.73	11.10	-5.74	-0.62	-0.68	-0.68	-0.62	-0.01
		479	16.75	10.80	-5.03	-4.07	9.83	-3.79	-0.59	-0.86	-0.62	-0.83	0.09
		498	18.02	9.06	-4.95	-4.86	8.97	-1.13	0.40	-0.76	-0.76	0.39	0.08
		497	11.94	9.04	-1.89	-1.37	8.52	-2.33	0.57	0.50	0.50	0.56	-0.02
399	1	479	15.79	8.58	-2.67	-1.46	7.38	-3.47	0.85	-0.20	0.03	0.61	-0.44
		480	16.63	7.53	-2.70	-1.57	6.39	-3.21	1.22	-0.07	0.11	1.04	-0.45
		499	19.16	7.30	-3.34	-2.26	6.22	-3.21	2.02	0.47	0.48	2.01	-0.10
		498	17.42	8.25	-3.14	-2.13	7.23	-3.25	1.38	0.11	0.12	1.37	-0.06
399	2	479	42.16	26.73	-13.61	-11.21	24.33	-9.53	-2.30	-2.66	-2.43	-2.54	0.17
		480	42.22	23.21	-18.65	-17.70	22.26	-6.23	-2.57	-3.02	-2.72	-2.87	0.21
		499	51.61	20.32	-20.50	-20.50	20.32	-0.14	1.11	-2.02	-2.01	1.10	0.18
		498	40.78	21.25	-13.47	-13.38	21.16	-1.74	1.54	-0.41	-0.41	1.54	0.04
399	3	479	8.14	5.63	-1.88	-1.21	4.97	-2.13	0.08	-0.22	-0.16	0.03	-0.11
		480	8.12	4.87	-2.16	-1.71	4.42	-1.73	0.17	-0.20	-0.16	0.13	-0.11
		499	9.73	4.40	-2.40	-2.14	4.15	-1.29	0.66	-0.02	-0.02	0.66	-0.01
		498	8.97	4.94	-1.93	-1.58	4.60	-1.50	0.50	-7.22e-03	-6.97e-03	0.50	-0.01
399	4	479	16.60	11.01	-5.12	-4.10	9.99	-3.93	-0.83	-0.96	-0.89	-0.90	0.07
		480	16.42	9.55	-6.91	-6.49	9.12	-2.62	-0.93	-1.10	-1.00	-1.02	0.08
		499	19.71	8.33	-7.55	-7.54	8.32	-0.38	0.40	-0.76	-0.75	0.39	0.07
		498	15.92	8.81	-5.00	-4.92	8.73	-1.05	0.55	-0.16	-0.16	0.55	0.02
400	1	480	16.60	7.53	-2.71	-1.57	6.39	-3.22	1.24	-0.03	0.16	1.05	-0.46
		481	17.43	6.59	-2.53	-1.44	5.51	-2.95	1.66	0.15	0.31	1.50	-0.47
		500	21.23	6.48	-3.36	-2.23	5.36	-3.14	2.62	0.66	0.66	2.61	-0.10
		499	19.18	7.28	-3.32	-2.25	6.22	-3.19	1.99	0.38	0.38	1.98	-0.08
400	2	480	41.84	23.30	-18.60	-17.63	22.33	-6.31	-2.73	-3.18	-2.99	-2.92	0.22
		481	44.62	20.63	-23.27	-22.94	20.30	-3.83	-3.12	-3.60	-3.49	-3.22	0.20
		500	56.85	18.91	-26.18	-26.16	18.89	0.96	0.90	-2.41	-2.40	0.90	0.16
		499	49.55	20.16	-20.62	-20.62	20.16	-0.04	1.22	-1.52	-1.52	1.22	0.10
400	3	480	8.14	4.88	-2.16	-1.70	4.42	-1.73	0.17	-0.21	-0.17	0.13	-0.11
		481	8.21	4.22	-2.35	-2.04	3.91	-1.39	0.28	-0.19	-0.16	0.24	-0.12
		500	10.33	3.88	-2.73	-2.54	3.69	-1.11	0.83	7.13e-03	7.37e-03	0.83	-0.01
		499	9.69	4.38	-2.40	-2.15	4.13	-1.27	0.66	-0.01	-0.01	0.66	-0.01
400	4	480	16.28	9.58	-6.90	-6.46	9.15	-2.65	-0.98	-1.16	-1.10	-1.04	0.09
		481	16.98	8.46	-8.57	-8.41	8.29	-1.66	-1.12	-1.33	-1.29	-1.16	0.08
		500	21.52	7.70	-9.63	-9.63	7.70	0.10	0.32	-0.90	-0.90	0.32	0.06
		499	18.97	8.27	-7.60	-7.59	8.26	-0.34	0.44	-0.58	-0.57	0.43	0.04
401	1	481	17.43	6.60	-2.53	-1.45	5.51	-2.95	1.67	0.16	0.33	1.50	-0.47
		482	18.34	5.81	-2.16	-1.11	4.76	-2.69	2.10	0.38	0.52	1.96	-0.48
		501	23.51	5.84	-3.22	-2.00	4.62	-3.09	3.26	0.90	0.91	3.25	-0.11
		500	21.23	6.48	-3.34	-2.22	5.35	-3.12	2.61	0.63	0.63	2.61	-0.09
401	2	481	44.98	20.66	-23.22	-22.87	20.32	-3.86	-3.13	-3.69	-3.58	-3.24	0.22
		482	49.92	18.49	-27.00	-26.91	18.40	-2.00	-3.44	-4.11	-4.04	-3.51	0.19
		501	61.41	17.52	-30.52	-30.47	17.47	1.53	0.71	-2.84	-2.83	0.70	0.15
		500	56.20	18.83	-26.28	-26.25	18.81	1.01	0.94	-2.26	-2.25	0.93	0.13
401	3	481	8.21	4.23	-2.35	-2.03	3.91	-1.40	0.28	-0.19	-0.16	0.24	-0.12
		482	8.26	3.67	-2.43	-2.21	3.46	-1.12	0.39	-0.17	-0.14	0.36	-0.12
		501	10.91	3.44	-2.93	-2.78	3.28	-0.99	1.00	0.05	0.05	1.00	-0.02
		500	10.32	3.87	-2.73	-2.54	3.68	-1.10	0.83	8.93e-03	9.18e-03	0.83	-0.01
401	4	481	17.11	8.47	-8.55	-8.38	8.30	-1.67	-1.12	-1.36	-1.32	-1.16	0.09
		482	18.80	7.55	-9.91	-9.86	7.50	-0.91	-1.24	-1.51	-1.49	-1.26	0.08
		501	23.11	7.10	-11.22	-11.21	7.09	0.38	0.25	-1.06	-1.06	0.25	0.06
		500	21.29	7.67	-9.66	-9.66	7.67	0.12	0.33	-0.85	-0.85	0.33	0.05
402	1	482	18.34	5.81	-2.17	-1.12	4.76	-2.70	2.11	0.38	0.53	1.96	-0.48
		483	19.39	5.19	-1.60	-0.55	4.14	-2.45	2.55	0.62	0.75	2.42	-0.48
		502	25.97	5.40	-2.92	-1.55	4.02	-3.09	3.91	1.19	1.20	3.91	-0.11
		501	23.50	5.84	-3.21	-1.99	4.63	-3.09	3.25	0.89	0.90	3.25	-0.10
402	2	482	50.02	18.50	-26.96	-26.87	18.41	-2.03	-3.44	-4.14	-4.07	-3.51	0.21
		483	53.70	16.73	-29.70	-29.69	16.73	-0.65	-3.67	-4.47	-4.43	-3.72	0.18
		502	64.69	16.24	-33.56	-33.50	16.18	1.67	0.56	-3.18	-3.17	0.55	0.14
		501	61.20	17.47	-30.58	-30.53	17.42	1.55	0.72	-2.79	-2.78	0.72	0.14
402	3	482	8.26	3.67	-2.43	-2.21	3.46	-1.12	0.39	-0.17	-0.14	0.36	-0.12
		483	8.27	3.22	-2.38	-2.24	3.07	-0.88	0.51	-0.13	-0.10	0.48	-0.13



		502	11.45	3.08	-3.00	-2.86	2.94	-0.91	1.19	0.11	0.11	1.19	-0.02
		501	10.91	3.44	-2.93	-2.78	3.28	-0.98	1.00	0.05	0.05	1.00	-0.02
402	4	482	18.83	7.55	-9.89	-9.84	7.50	-0.92	-1.24	-1.53	-1.50	-1.26	0.08
		483	20.09	6.81	-10.88	-10.87	6.80	-0.35	-1.32	-1.65	-1.63	-1.34	0.07
		502	24.26	6.55	-12.34	-12.32	6.54	0.50	0.19	-1.19	-1.19	0.19	0.06
		501	23.04	7.08	-11.25	-11.24	7.07	0.39	0.25	-1.04	-1.04	0.25	0.06
403	1	483	19.40	5.19	-1.61	-0.56	4.14	-2.46	2.55	0.62	0.75	2.42	-0.48
		484	20.60	4.75	-0.85	0.25	3.65	-2.22	2.99	0.89	1.00	2.88	-0.48
		503	28.61	5.16	-2.47	-0.86	3.55	-3.11	4.59	1.51	1.52	4.58	-0.11
		502	25.97	5.40	-2.91	-1.53	4.03	-3.08	3.91	1.19	1.19	3.91	-0.11
403	2	483	53.73	16.74	-29.68	-29.67	16.73	-0.67	-3.67	-4.49	-4.44	-3.72	0.20
		484	55.90	15.36	-31.33	-31.32	15.36	0.35	-3.82	-4.70	-4.67	-3.86	0.17
		503	66.51	15.14	-35.34	-35.30	15.10	1.48	0.46	-3.40	-3.40	0.45	0.14
		502	64.63	16.21	-33.60	-33.54	16.15	1.68	0.56	-3.16	-3.15	0.56	0.14
403	3	483	8.27	3.22	-2.38	-2.24	3.07	-0.89	0.51	-0.13	-0.10	0.48	-0.13
		484	8.24	2.86	-2.20	-2.11	2.77	-0.69	0.63	-0.07	-0.04	0.61	-0.13
		503	11.96	2.80	-2.91	-2.78	2.66	-0.88	1.38	0.19	0.19	1.38	-0.02
		502	11.45	3.08	-3.00	-2.86	2.94	-0.91	1.19	0.11	0.11	1.19	-0.02
403	4	483	20.10	6.81	-10.87	-10.86	6.81	-0.36	-1.32	-1.66	-1.64	-1.34	0.08
		484	20.85	6.24	-11.46	-11.46	6.24	0.08	-1.38	-1.74	-1.72	-1.39	0.07
		503	24.88	6.09	-12.99	-12.98	6.08	0.49	0.16	-1.27	-1.27	0.15	0.06
		502	24.23	6.54	-12.35	-12.34	6.53	0.50	0.20	-1.18	-1.18	0.19	0.06
404	1	484	20.60	4.75	-0.86	0.24	3.65	-2.22	3.00	0.89	1.01	2.88	-0.48
		485	21.96	4.52	0.09	1.31	3.30	-1.98	3.43	1.18	1.28	3.32	-0.48
		504	31.42	5.16	-1.86	0.11	3.19	-3.15	5.26	1.87	1.87	5.26	-0.12
		503	28.61	5.17	-2.45	-0.84	3.55	-3.11	4.59	1.51	1.52	4.58	-0.11
404	2	484	55.91	15.37	-31.31	-31.31	15.37	0.34	-3.82	-4.71	-4.67	-3.86	0.18
		485	56.50	14.39	-31.84	-31.81	14.36	1.12	-3.90	-4.80	-4.77	-3.93	0.15
		504	66.81	14.29	-35.91	-35.89	14.27	1.07	0.40	-3.49	-3.49	0.40	0.14
		503	66.49	15.12	-35.37	-35.32	15.08	1.49	0.46	-3.39	-3.39	0.45	0.15
404	3	484	8.24	2.86	-2.21	-2.11	2.77	-0.69	0.63	-0.07	-0.04	0.61	-0.13
		485	8.18	2.60	-1.88	-1.82	2.54	-0.51	0.75	0.01	0.03	0.73	-0.13
		504	12.45	2.60	-2.67	-2.53	2.45	-0.86	1.58	0.29	0.29	1.58	-0.02
		503	11.96	2.80	-2.91	-2.77	2.66	-0.87	1.38	0.19	0.19	1.38	-0.02
404	4	484	20.85	6.24	-11.46	-11.46	6.24	0.07	-1.38	-1.74	-1.72	-1.39	0.07
		485	21.03	5.83	-11.65	-11.64	5.82	0.41	-1.41	-1.77	-1.76	-1.42	0.06
		504	24.96	5.74	-13.20	-13.19	5.73	0.39	0.14	-1.30	-1.30	0.13	0.05
		503	24.87	6.09	-13.00	-12.99	6.08	0.49	0.16	-1.27	-1.26	0.15	0.06
405	1	485	21.96	4.52	0.08	1.30	3.30	-1.98	3.43	1.18	1.28	3.32	-0.48
		486	23.46	4.60	1.15	2.67	3.08	-1.71	3.84	1.49	1.58	3.75	-0.46
		505	34.36	5.45	-1.14	1.37	2.95	-3.20	5.94	2.25	2.26	5.94	-0.12
		504	31.42	5.17	-1.84	0.13	3.20	-3.15	5.26	1.87	1.87	5.26	-0.12
405	2	485	56.51	14.39	-31.84	-31.81	14.36	1.11	-3.90	-4.80	-4.77	-3.93	0.16
		486	55.48	13.81	-31.23	-31.16	13.74	1.77	-3.91	-4.75	-4.73	-3.93	0.13
		505	65.59	13.73	-35.27	-35.27	13.73	0.52	0.40	-3.46	-3.45	0.40	0.13
		504	66.80	14.28	-35.91	-35.89	14.26	1.07	0.41	-3.49	-3.49	0.40	0.14
405	3	485	8.18	2.60	-1.88	-1.83	2.54	-0.51	0.76	0.01	0.03	0.73	-0.13
		486	8.10	2.44	-1.39	-1.37	2.41	-0.33	0.88	0.11	0.13	0.86	-0.12
		505	12.93	2.48	-2.27	-2.10	2.32	-0.87	1.78	0.40	0.40	1.78	-0.02
		504	12.45	2.60	-2.67	-2.52	2.45	-0.86	1.58	0.29	0.29	1.58	-0.02
405	4	485	21.03	5.83	-11.65	-11.64	5.82	0.41	-1.41	-1.77	-1.76	-1.42	0.06
		486	20.63	5.59	-11.42	-11.39	5.56	0.70	-1.41	-1.75	-1.75	-1.42	0.05
		505	24.49	5.51	-12.96	-12.96	5.51	0.23	0.14	-1.29	-1.29	0.14	0.05
		504	24.95	5.74	-13.20	-13.19	5.73	0.39	0.14	-1.30	-1.30	0.14	0.06
406	1	486	23.47	4.59	1.14	2.65	3.08	-1.71	3.84	1.49	1.58	3.75	-0.46
		487	25.13	5.21	2.13	4.34	3.00	-1.39	4.22	1.83	1.90	4.15	-0.42
		506	37.42	6.11	-0.34	2.96	2.81	-3.22	6.61	2.67	2.68	6.60	-0.11
		505	34.37	5.47	-1.11	1.40	2.96	-3.20	5.94	2.25	2.26	5.94	-0.11
406	2	486	55.49	13.81	-31.24	-31.17	13.74	1.76	-3.91	-4.76	-4.73	-3.93	0.14
		487	52.81	13.66	-29.49	-29.35	13.53	2.38	-3.85	-4.58	-4.56	-3.87	0.11
		506	62.84	13.50	-33.44	-33.44	13.50	-0.07	0.45	-3.29	-3.28	0.45	0.12
		505	65.57	13.74	-35.26	-35.25	13.73	0.52	0.40	-3.46	-3.45	0.40	0.14
406	3	486	8.11	2.43	-1.40	-1.37	2.40	-0.33	0.88	0.11	0.13	0.86	-0.12
		487	8.06	2.36	-0.74	-0.73	2.36	-0.14	1.00	0.22	0.23	0.98	-0.11
		506	13.44	2.44	-1.69	-1.49	2.25	-0.87	1.98	0.54	0.54	1.98	-0.02
		505	12.93	2.48	-2.26	-2.09	2.32	-0.87	1.78	0.40	0.40	1.78	-0.02
406	4	486	20.64	5.59	-11.42	-11.39	5.56	0.70	-1.41	-1.75	-1.75	-1.42	0.05
		487	19.64	5.54	-10.78	-10.72	5.48	0.97	-1.39	-1.69	-1.68	-1.39	0.04
		506	23.46	5.42	-12.28	-12.28	5.42	0.06	0.16	-1.23	-1.22	0.15	0.05
		505	24.48	5.51	-12.96	-12.95	5.51	0.23	0.14	-1.29	-1.29	0.14	0.05
407	1	487	25.14	5.19	2.11	4.32	2.99	-1.39	4.22	1.83	1.90	4.15	-0.42
		488	26.99	6.63	2.78	6.36	3.05	-0.97	4.55	2.19	2.24	4.50	-0.36
		507	40.54	7.23	0.47	4.94	2.76	-3.20	7.24	3.12	3.12	7.24	-0.09
		506	37.43	6.13	-0.31	3.00	2.82	-3.22	6.61	2.67	2.68	6.60	-0.11
407	2	487	52.84	13.66	-29.50	-29.37	13.53	2.37	-3.85	-4.58	-4.56	-3.87	0.12
		488	48.53	13.97	-26.61	-26.38	13.74	3.06	-3.72	-4.26	-4.25	-3.74	0.09
		507	58.61	13.61	-30.40	-30.39	13.60	-0.62	0.56	-2.99	-2.98	0.55	0.12



407	3	506	62.82	13.51	-33.41	-33.41	13.51	-0.07	0.46	-3.29	-3.28	0.45	0.13
		487	8.07	2.36	-0.75	-0.74	2.35	-0.15	1.00	0.22	0.23	0.98	-0.11
		488	8.14	2.40	0.08	0.09	2.40	0.07	1.11	0.35	0.36	1.10	-0.10
407	4	507	13.99	2.49	-0.91	-0.68	2.26	-0.86	2.17	0.70	0.70	2.17	-0.02
		506	13.44	2.45	-1.67	-1.48	2.26	-0.87	1.98	0.54	0.54	1.98	-0.02
		487	19.65	5.53	-10.78	-10.72	5.48	0.97	-1.38	-1.69	-1.68	-1.39	0.05
408	1	488	18.08	5.67	-9.72	-9.62	5.56	1.27	-1.34	-1.57	-1.57	-1.34	0.03
		507	21.91	5.47	-11.15	-11.15	5.47	-0.09	0.20	-1.11	-1.11	0.19	0.05
		506	23.46	5.42	-12.27	-12.27	5.42	0.06	0.16	-1.23	-1.22	0.15	0.05
408	2	488	26.99	6.60	2.77	6.34	3.04	-0.97	4.55	2.19	2.24	4.50	-0.36
		489	29.12	8.82	3.19	8.79	3.22	-0.41	4.82	2.57	2.60	4.78	-0.28
		508	43.67	8.91	1.23	7.35	2.79	-3.09	7.82	3.60	3.60	7.82	-0.07
408	3	507	40.56	7.26	0.50	4.98	2.78	-3.20	7.24	3.12	3.13	7.24	-0.09
		488	48.56	13.96	-26.63	-26.40	13.73	3.05	-3.72	-4.27	-4.25	-3.74	0.10
		489	42.68	14.80	-22.62	-22.21	14.39	3.90	-3.52	-3.82	-3.80	-3.54	0.07
408	4	508	52.96	14.07	-26.12	-26.10	14.04	-1.03	0.71	-2.55	-2.55	0.71	0.11
		507	58.57	13.63	-30.35	-30.34	13.62	-0.61	0.56	-2.99	-2.98	0.55	0.12
		488	8.14	2.39	0.07	0.08	2.39	0.07	1.11	0.35	0.36	1.10	-0.10
409	1	489	8.43	2.60	1.03	1.11	2.52	0.35	1.20	0.49	0.50	1.20	-0.08
		508	14.59	2.61	0.06	0.35	2.32	-0.81	2.36	0.87	0.87	2.36	-0.01
		507	13.99	2.49	-0.90	-0.67	2.26	-0.86	2.18	0.70	0.70	2.17	-0.02
409	2	488	18.09	5.67	-9.73	-9.63	5.56	1.26	-1.34	-1.57	-1.57	-1.34	0.04
		489	15.96	6.02	-8.26	-8.07	5.83	1.62	-1.26	-1.40	-1.40	-1.27	0.03
		508	19.85	5.66	-9.56	-9.56	5.66	-0.20	0.25	-0.95	-0.95	0.25	0.04
409	3	507	21.90	5.47	-11.13	-11.13	5.47	-0.09	0.20	-1.11	-1.11	0.19	0.05
		489	29.11	8.78	3.18	8.75	3.21	-0.42	4.82	2.57	2.60	4.78	-0.28
		490	31.65	11.68	3.49	11.66	3.51	0.35	5.00	2.96	2.97	4.98	-0.16
409	4	509	46.76	11.24	1.90	10.26	2.88	-2.86	8.31	4.09	4.09	8.31	-0.03
		508	43.71	8.95	1.26	7.39	2.82	-3.09	7.82	3.60	3.60	7.82	-0.07
		489	42.72	14.78	-22.65	-22.25	14.37	3.88	-3.52	-3.82	-3.80	-3.54	0.08
409	1	490	35.45	16.24	-17.58	-16.82	15.48	4.99	-3.20	-3.31	-3.22	-3.28	0.05
		509	46.10	14.88	-20.58	-20.54	14.84	-1.21	0.92	-1.98	-1.98	0.92	0.10
		508	52.92	14.10	-26.05	-26.03	14.07	-1.02	0.71	-2.55	-2.55	0.71	0.12
409	2	489	8.44	2.60	1.02	1.10	2.52	0.34	1.20	0.49	0.50	1.20	-0.08
		490	9.09	3.26	1.82	2.35	2.73	0.70	1.28	0.65	0.65	1.28	-0.04
		509	15.29	2.86	1.21	1.62	2.45	-0.71	2.52	1.06	1.06	2.52	-5.48e-04
409	3	508	14.60	2.62	0.08	0.37	2.33	-0.81	2.36	0.87	0.87	2.36	-0.01
		489	15.97	6.01	-8.27	-8.09	5.82	1.62	-1.26	-1.41	-1.40	-1.27	0.03
		490	13.37	6.62	-6.42	-6.09	6.28	2.07	-1.16	-1.20	-1.18	-1.17	0.02
410	4	509	17.36	6.00	-7.51	-7.51	5.99	-0.22	0.33	-0.74	-0.74	0.33	0.04
		508	19.83	5.67	-9.54	-9.54	5.67	-0.20	0.25	-0.95	-0.95	0.25	0.04
		490	31.63	11.64	3.48	11.62	3.50	0.34	5.00	2.96	2.97	4.99	-0.16
410	1	491	34.86	15.24	3.72	15.06	3.90	1.41	5.08	3.35	3.35	5.08	0.01
		510	49.80	14.32	2.46	13.79	2.99	-2.44	8.67	4.60	4.60	8.67	0.02
		509	46.82	11.29	1.93	10.31	2.91	-2.85	8.32	4.10	4.10	8.32	-0.03
410	2	490	35.50	16.21	-17.62	-16.87	15.46	4.97	-3.19	-3.31	-3.22	-3.28	0.06
		491	34.41	18.49	-11.64	-10.19	17.04	6.44	-2.51	-2.96	-2.51	-2.96	0.03
		510	38.46	16.03	-13.72	-13.68	15.99	-1.07	1.18	-1.28	-1.28	1.17	0.09
410	3	509	46.06	14.92	-20.49	-20.45	14.88	-1.19	0.92	-1.99	-1.99	0.91	0.11
		490	9.09	3.25	1.81	2.34	2.73	0.69	1.28	0.65	0.65	1.28	-0.04
		491	10.27	4.66	2.20	3.85	3.02	1.16	1.33	0.82	0.82	1.33	6.43e-03
410	4	510	16.11	3.49	2.30	3.17	2.62	-0.53	2.65	1.26	1.26	2.65	0.02
		509	15.31	2.87	1.24	1.64	2.46	-0.71	2.52	1.06	1.06	2.52	1.97e-04
		490	13.39	6.61	-6.44	-6.10	6.27	2.06	-1.16	-1.20	-1.18	-1.17	0.02
411	1	491	13.19	7.54	-4.27	-3.64	6.91	2.65	-0.92	-1.05	-0.92	-1.05	0.01
		510	14.63	6.48	-4.97	-4.97	6.48	-0.12	0.43	-0.48	-0.48	0.42	0.04
		509	17.35	6.01	-7.48	-7.47	6.01	-0.21	0.33	-0.74	-0.74	0.33	0.04
411	2	491	34.81	15.19	3.71	15.01	3.88	1.39	5.08	3.34	3.34	5.08	8.92e-03
		492	39.21	19.62	3.84	19.09	4.37	2.85	5.07	3.69	3.73	5.03	0.25
		511	52.84	18.28	2.86	18.07	3.07	-1.78	8.85	5.10	5.10	8.84	0.10
411	3	510	49.90	14.37	2.50	13.85	3.02	-2.43	8.68	4.61	4.61	8.68	0.03
		491	34.37	18.45	-11.69	-10.25	17.02	6.42	-2.50	-2.96	-2.50	-2.96	0.04
		492	34.58	21.96	-5.16	-2.27	19.07	8.37	-1.66	-2.58	-1.66	-2.58	7.54e-03
411	4	511	31.27	17.51	-5.49	-5.48	17.50	-0.51	1.49	-0.45	-0.44	1.48	0.09
		510	38.46	16.08	-13.61	-13.57	16.05	-1.04	1.18	-1.29	-1.29	1.17	0.10
		491	10.25	4.64	2.20	3.83	3.01	1.15	1.33	0.82	0.82	1.33	5.74e-03
412	1	492	12.13	6.60	2.40	5.62	3.38	1.78	1.36	0.98	0.99	1.34	0.07
		511	17.13	5.06	2.80	5.04	2.83	-0.24	2.72	1.47	1.47	2.72	0.04
		510	16.14	3.51	2.32	3.19	2.64	-0.52	2.65	1.27	1.27	2.65	0.02
412	2	491	13.17	7.53	-4.29	-3.66	6.90	2.65	-0.92	-1.05	-0.92	-1.05	0.01
		492	13.38	8.94	-1.92	-0.71	7.73	3.41	-0.60	-0.91	-0.60	-0.91	3.28e-03
		511	12.10	7.10	-1.94	-1.94	7.10	0.13	0.54	-0.17	-0.17	0.54	0.03
412	3	510	14.63	6.50	-4.93	-4.93	6.50	-0.11	0.43	-0.49	-0.48	0.42	0.04
		492	39.06	19.56	3.82	19.03	4.35	2.83	5.07	3.67	3.71	5.03	0.24
		493	45.37	25.02	3.74	23.87	4.89	4.81	5.11	3.80	4.12	4.80	0.56
412	4	512	56.15	23.32	3.06	23.29	3.09	-0.78	8.76	5.56	5.57	8.74	0.21
		511	53.04	18.34	2.92	18.13	3.12	-1.75	8.87	5.14	5.14	8.86	0.12



412	2	492	34.50	21.90	-5.22	-2.35	19.03	8.34	-1.64	-2.58	-1.65	-2.58	0.02
		493	35.86	27.36	1.19	7.00	21.54	10.88	-0.69	-2.15	-0.69	-2.15	-7.22e-03
		512	27.55	19.35	4.09	4.11	19.33	0.55	1.85	0.54	0.54	1.85	0.09
		511	31.35	17.59	-5.36	-5.35	17.58	-0.46	1.48	-0.48	-0.47	1.48	0.09
412	3	492	12.09	6.57	2.39	5.59	3.37	1.77	1.36	0.98	0.99	1.34	0.07
		493	14.86	9.00	2.50	7.71	3.79	2.60	1.42	1.07	1.18	1.31	0.17
		512	18.48	7.29	3.03	7.29	3.04	0.18	2.72	1.68	1.69	2.72	0.07
		511	17.19	5.09	2.82	5.07	2.85	-0.23	2.73	1.48	1.48	2.73	0.04
412	4	492	13.35	8.92	-1.94	-0.74	7.72	3.40	-0.60	-0.91	-0.60	-0.91	7.49e-03
		493	13.99	11.04	0.39	2.71	8.73	4.39	-0.24	-0.75	-0.24	-0.75	-2.37e-03
		512	10.87	7.90	1.55	1.60	7.85	0.58	0.68	0.19	0.20	0.68	0.03
		511	12.13	7.13	-1.89	-1.89	7.13	0.15	0.54	-0.18	-0.18	0.54	0.03
413	1	493	44.99	24.94	3.71	23.80	4.85	4.78	5.08	3.78	4.06	4.79	0.54
		494	54.28	31.69	3.33	29.57	5.44	7.46	5.41	3.44	4.51	4.34	0.98
		513	60.26	29.70	2.97	29.69	2.98	0.64	8.31	5.92	5.97	8.26	0.34
		512	56.63	23.38	3.13	23.35	3.15	-0.73	8.80	5.65	5.67	8.78	0.24
413	2	493	35.72	27.24	1.13	6.90	21.48	10.83	-0.64	-2.14	-0.64	-2.14	4.43e-03
		494	38.71	35.54	6.57	17.68	24.43	14.09	0.38	-1.69	0.38	-1.69	-9.49e-03
		513	31.71	22.14	14.46	15.15	21.44	2.21	2.28	1.70	1.71	2.27	0.09
		512	27.69	19.50	4.24	4.27	19.47	0.66	1.83	0.44	0.45	1.83	0.07
413	3	493	14.76	8.96	2.49	7.68	3.77	2.58	1.41	1.06	1.17	1.31	0.16
		494	18.66	11.93	2.49	10.18	4.25	3.67	1.59	0.99	1.38	1.21	0.29
		513	20.38	10.08	3.15	10.00	3.24	0.78	2.62	1.88	1.89	2.61	0.11
		512	18.61	7.33	3.06	7.32	3.07	0.21	2.73	1.70	1.71	2.73	0.08
413	4	493	13.94	11.00	0.37	2.67	8.70	4.37	-0.22	-0.75	-0.22	-0.75	1.55e-03
		494	15.18	14.13	2.40	6.65	9.87	5.64	0.15	-0.58	0.15	-0.58	-3.21e-03
		513	12.40	9.15	5.24	5.69	8.71	1.24	0.84	0.63	0.63	0.83	0.03
		512	10.92	7.97	1.60	1.67	7.91	0.62	0.67	0.16	0.16	0.67	0.03
414	1	494	53.20	31.57	3.29	29.49	5.37	7.39	5.26	3.38	4.34	4.30	0.94
		495	67.10	39.92	2.54	36.35	6.11	10.99	5.94	2.61	4.91	3.64	1.54
		514	65.76	37.81	2.53	37.62	2.72	2.59	7.40	5.93	6.13	7.19	0.51
		513	61.78	29.78	3.08	29.76	3.10	0.75	8.44	6.18	6.26	8.36	0.42
414	2	494	38.46	35.28	6.55	17.55	24.28	13.96	0.56	-1.65	0.56	-1.65	-0.02
		495	46.19	46.90	10.53	29.66	27.77	18.16	1.46	-1.17	1.46	-1.17	0.05
		514	44.53	30.79	20.65	27.86	23.59	4.60	3.17	2.65	3.15	2.67	0.10
		513	31.24	22.54	14.54	15.36	21.72	2.43	2.20	1.39	1.39	2.20	0.05
414	3	494	18.37	11.88	2.48	10.14	4.22	3.64	1.55	0.98	1.34	1.20	0.28
		495	23.79	15.48	2.36	13.07	4.77	5.09	1.84	0.77	1.58	1.04	0.46
		514	23.03	13.54	3.14	13.29	3.39	1.59	2.39	1.98	2.05	2.32	0.16
		513	20.74	10.13	3.20	10.03	3.30	0.83	2.65	1.93	1.96	2.63	0.13
414	4	494	15.10	14.03	2.39	6.61	9.82	5.59	0.22	-0.57	0.22	-0.57	-6.82e-03
		495	17.89	18.35	3.93	11.09	11.19	7.21	0.56	-0.39	0.55	-0.39	0.02
		514	17.02	12.21	7.76	10.39	9.58	2.18	1.17	0.97	1.17	0.98	0.04
		513	12.25	9.31	5.27	5.77	8.82	1.33	0.81	0.51	0.51	0.81	0.02
415	1	495	63.55	39.71	2.62	36.24	6.08	10.80	5.37	2.29	4.25	3.42	1.48
		496	85.86	49.59	1.23	43.71	7.11	15.81	7.08	1.71	5.60	3.18	2.40
		515	73.45	48.70	1.45	48.01	2.14	5.65	6.00	4.23	5.57	4.66	0.76
		514	71.29	38.07	2.71	37.84	2.94	2.84	8.08	6.60	7.12	7.55	0.71
415	2	495	46.62	46.18	10.67	29.60	27.25	17.72	1.86	-1.06	1.86	-1.06	-0.02
		496	67.26	61.11	12.87	41.60	32.38	23.67	2.76	-0.10	2.71	-0.05	0.36
		515	65.09	46.50	21.00	43.03	24.47	8.74	4.94	2.34	4.93	2.35	0.15
		514	41.09	31.74	20.99	28.26	24.47	5.03	2.42	2.12	2.13	2.41	0.06
415	3	495	22.82	15.37	2.38	13.03	4.72	4.99	1.68	0.71	1.41	0.98	0.44
		496	31.00	19.60	2.02	16.14	5.48	6.99	2.30	0.57	1.88	0.98	0.74
		515	26.75	18.05	2.79	17.49	3.35	2.85	2.11	1.45	2.02	1.55	0.23
		514	24.34	13.67	3.25	13.38	3.53	1.70	2.56	2.11	2.27	2.40	0.21
415	4	495	17.99	18.07	3.99	11.06	10.99	7.04	0.70	-0.34	0.70	-0.34	-7.73e-03
		496	25.79	23.65	4.83	15.51	12.97	9.32	1.04	3.53e-03	1.03	0.02	0.14
		515	24.46	17.83	8.16	16.02	9.97	3.77	1.83	0.86	1.83	0.86	0.05
		514	15.82	12.60	7.86	10.55	9.91	2.35	0.89	0.78	0.79	0.88	0.02
416	1	496	77.47	52.81	2.28	46.42	8.67	16.80	5.16	0.49	2.98	2.67	2.33
		164	116.25	51.73	-2.23	37.28	12.22	23.90	12.22	3.51	10.74	4.99	3.27
		99	116.49	81.62	-4.67	77.75	-0.80	17.86	5.39	-0.12	5.30	-0.03	0.71
		515	83.54	46.01	0.49	45.67	0.84	3.95	8.31	4.52	7.69	5.15	1.41
416	2	496	66.11	60.85	12.32	40.87	32.30	23.88	2.55	0.10	2.51	0.15	0.32
		164	98.50	68.93	12.62	42.89	38.66	28.07	8.98	5.40	8.97	5.41	-0.20
		99	113.13	76.56	10.76	64.56	22.76	25.42	7.95	0.13	7.93	0.15	0.39
		515	53.30	50.15	22.90	47.02	26.03	8.69	1.88	0.82	1.73	0.97	0.37
416	3	496	28.52	20.53	2.29	16.88	5.94	7.29	1.69	0.24	1.09	0.84	0.71
		164	42.05	21.26	0.57	14.30	7.52	9.77	4.24	1.54	3.86	1.93	0.95
		99	42.90	30.12	0.24	27.94	2.42	7.78	2.19	-0.04	2.16	-0.01	0.24
		515	28.79	17.49	2.70	17.10	3.09	2.37	2.59	1.39	2.40	1.59	0.44
416	4	496	25.36	23.55	4.63	15.24	12.94	9.39	0.97	0.08	0.95	0.09	0.12
		164	37.37	26.67	4.64	15.96	15.36	11.01	3.34	2.05	3.33	2.05	-0.08
		99	42.27	29.12	4.31	24.03	9.40	10.02	2.95	0.03	2.95	0.04	0.15
		515	20.18	19.16	8.90	17.50	10.56	3.78	0.69	0.29	0.63	0.35	0.13
417	1	7	13.30	11.64	-0.34	1.63	9.67	-4.44	-7.50e-03	-0.50	-0.49	-0.02	-0.07



		497	15.97	9.57	-4.73	-3.35	8.19	-4.22	0.86	0.31	0.31	0.86	-4.63e-03
		516	11.44	8.78	-1.43	-0.47	7.81	-2.99	0.42	-0.60	-0.45	0.27	0.36
		44	14.30	10.40	-2.65	-1.85	9.61	-3.12	0.56	-0.17	0.27	0.12	0.36
417	2	7	46.86	29.22	-12.96	-0.72	16.98	-19.14	4.56	1.72	4.55	1.73	0.12
		497	49.36	37.55	-12.58	2.52	22.45	-23.00	0.58	-2.63	-2.58	0.53	0.39
		516	37.98	24.63	-14.47	-8.28	18.44	-14.28	-0.57	-1.10	-0.67	-1.00	0.21
		44	42.66	32.17	-11.88	1.09	19.20	-20.07	2.02	0.78	2.00	0.80	0.17
417	3	7	7.99	6.86	-1.24	0.45	5.17	-3.29	0.19	0.15	0.19	0.16	-0.01
		497	9.59	6.71	-2.39	-0.76	5.07	-3.49	0.31	-0.09	-0.09	0.31	0.03
		516	6.97	5.56	-1.71	-0.74	4.59	-2.47	0.09	-0.22	-0.16	0.04	0.12
		44	8.75	6.57	-1.77	-0.47	5.27	-3.02	0.27	-0.01	0.18	0.07	0.13
417	4	7	18.43	12.08	-4.99	-0.24	7.33	-7.65	1.69	0.67	1.68	0.67	0.04
		497	19.60	15.11	-4.83	0.98	9.30	-9.06	0.23	-0.96	-0.95	0.21	0.15
		516	15.25	10.27	-5.59	-3.05	7.74	-5.81	-0.19	-0.38	-0.23	-0.34	0.07
		44	17.23	13.18	-4.66	0.40	8.12	-8.05	0.71	0.26	0.70	0.28	0.07
418	1	497	16.26	9.76	-3.02	-1.88	8.62	-3.64	0.71	-0.24	-0.24	0.71	-0.04
		498	16.99	8.03	-3.01	-2.13	7.15	-2.99	1.50	0.41	0.41	1.50	-0.05
		517	12.32	7.43	-2.59	-1.85	6.70	-2.62	0.81	-0.20	-0.08	0.70	0.32
		516	11.06	8.69	-2.40	-1.30	7.59	-3.31	0.53	-0.25	-0.09	0.36	0.32
418	2	497	47.87	34.39	-17.51	-3.77	20.65	-22.90	2.09	1.18	1.43	1.84	0.41
		498	57.69	30.40	-22.11	-13.27	21.57	-19.64	1.25	-1.98	-1.98	1.25	0.05
		517	38.76	21.45	-16.49	-12.48	17.44	-11.67	-1.64	-2.36	-1.64	-2.36	0.01
		516	36.90	25.56	-11.95	-5.69	19.30	-13.99	-1.51	-1.87	-1.81	-1.58	0.14
418	3	497	9.26	6.55	-2.28	-0.81	5.07	-3.29	0.34	0.02	0.03	0.34	0.02
		498	10.05	5.68	-2.65	-1.58	4.61	-2.79	0.52	-0.03	-0.03	0.52	-7.86e-03
		517	6.54	4.79	-2.15	-1.45	4.09	-2.09	0.11	-0.18	-0.14	0.07	0.10
		516	7.04	5.60	-1.81	-0.79	4.59	-2.55	0.07	-0.20	-0.15	0.03	0.11
418	4	497	18.90	13.93	-6.66	-1.37	8.63	-9.00	0.77	0.42	0.52	0.68	0.15
		498	22.38	12.34	-8.34	-4.88	8.88	-7.72	0.45	-0.74	-0.74	0.45	0.02
		517	15.28	8.95	-6.28	-4.59	7.27	-4.77	-0.60	-0.83	-0.60	-0.83	9.00e-03
		516	14.82	10.62	-4.66	-2.09	8.06	-5.71	-0.53	-0.68	-0.66	-0.55	0.05
419	1	498	17.38	8.10	-2.96	-2.12	7.25	-2.93	1.40	0.12	0.12	1.39	-0.08
		499	18.59	6.78	-2.83	-2.26	6.20	-2.28	2.02	0.47	0.48	2.02	-0.07
		518	13.97	6.21	-2.63	-2.06	5.64	-2.17	1.38	0.09	0.17	1.30	0.32
		517	12.15	7.39	-2.62	-1.84	6.61	-2.69	0.90	-0.06	0.06	0.78	0.32
419	2	498	51.61	29.97	-22.02	-13.36	21.31	-19.38	1.61	-0.43	-0.40	1.59	0.22
		499	57.58	25.31	-25.62	-20.51	20.21	-15.30	1.11	-2.01	-2.01	1.11	0.08
		518	38.78	18.79	-21.76	-19.81	16.84	-8.69	-2.63	-2.79	-2.66	-2.76	0.06
		517	37.56	21.50	-16.55	-12.71	17.66	-11.46	-2.34	-2.46	-2.37	-2.43	0.05
419	3	498	9.87	5.66	-2.62	-1.58	4.62	-2.75	0.51	-5.02e-03	-4.99e-03	0.51	-3.35e-03
		499	10.20	4.81	-2.82	-2.14	4.13	-2.17	0.66	-0.02	-0.02	0.66	-9.00e-03
		518	7.10	4.08	-2.50	-2.05	3.63	-1.66	0.25	-0.17	-0.14	0.22	0.10
		517	6.67	4.78	-2.17	-1.46	4.08	-2.10	0.13	-0.19	-0.15	0.09	0.10
419	4	498	20.17	12.18	-8.31	-4.91	8.79	-7.62	0.58	-0.17	-0.16	0.57	0.09
		499	22.13	10.31	-9.59	-7.55	8.28	-6.03	0.40	-0.75	-0.75	0.40	0.03
		518	15.08	7.80	-8.16	-7.31	6.95	-3.59	-0.95	-1.01	-0.98	-0.98	0.03
		517	14.85	8.97	-6.30	-4.68	7.35	-4.70	-0.84	-0.89	-0.87	-0.86	0.02
420	1	499	18.76	6.79	-2.81	-2.25	6.23	-2.26	1.99	0.38	0.38	1.99	-0.08
		500	20.55	5.67	-2.55	-2.23	5.35	-1.59	2.62	0.66	0.66	2.62	-0.08
		519	15.79	5.16	-2.47	-2.08	4.77	-1.69	1.93	0.34	0.41	1.86	0.33
		518	13.89	6.20	-2.65	-2.07	5.62	-2.18	1.40	0.13	0.22	1.31	0.33
420	2	499	55.37	25.25	-25.64	-20.61	20.22	-15.19	1.23	-1.53	-1.52	1.22	0.16
		500	59.64	21.56	-28.89	-26.17	18.84	-11.41	0.90	-2.41	-2.40	0.89	0.12
		519	46.15	16.80	-26.61	-25.69	15.88	-6.25	-3.04	-3.45	-3.43	-3.06	0.09
		518	40.10	18.77	-21.76	-19.80	16.81	-8.69	-2.78	-2.94	-2.93	-2.80	0.05
420	3	499	10.17	4.81	-2.81	-2.14	4.14	-2.15	0.66	-9.87e-03	-9.77e-03	0.66	-7.98e-03
		500	10.52	4.07	-2.93	-2.54	3.68	-1.60	0.83	7.34e-03	7.45e-03	0.83	-9.59e-03
		519	7.66	3.48	-2.75	-2.48	3.21	-1.25	0.39	-0.15	-0.13	0.37	0.11
		518	7.13	4.07	-2.50	-2.05	3.62	-1.66	0.25	-0.17	-0.14	0.22	0.11
420	4	499	21.32	10.29	-9.59	-7.58	8.28	-5.99	0.44	-0.58	-0.57	0.44	0.07
		500	22.69	8.78	-10.73	-9.63	7.68	-4.51	0.32	-0.90	-0.90	0.32	0.05
		519	17.53	6.92	-9.89	-9.48	6.51	-2.60	-1.08	-1.27	-1.26	-1.09	0.04
		518	15.48	7.79	-8.16	-7.30	6.94	-3.59	-0.99	-1.08	-1.08	-0.99	0.02
421	1	500	20.60	5.67	-2.53	-2.22	5.36	-1.58	2.62	0.63	0.63	2.61	-0.09
		501	22.76	4.74	-2.12	-2.00	4.62	-0.90	3.26	0.91	0.91	3.26	-0.09
		520	17.77	4.28	-2.13	-1.89	4.04	-1.22	2.49	0.59	0.65	2.43	0.33
		519	15.76	5.16	-2.49	-2.09	4.76	-1.69	1.94	0.35	0.42	1.87	0.33
421	2	500	58.98	21.54	-28.95	-26.24	18.83	-11.37	0.94	-2.26	-2.26	0.93	0.15
		501	62.47	18.74	-31.77	-30.47	17.44	-8.00	0.71	-2.84	-2.83	0.70	0.14
		520	52.12	15.26	-30.58	-30.19	14.88	-4.19	-3.29	-3.99	-3.98	-3.30	0.11
		519	46.58	16.79	-26.58	-25.65	15.86	-6.26	-3.07	-3.52	-3.51	-3.08	0.07
421	3	500	10.52	4.07	-2.92	-2.54	3.69	-1.59	0.83	9.63e-03	9.74e-03	0.83	-9.62e-03
		501	10.93	3.46	-2.96	-2.78	3.28	-1.06	1.00	0.05	0.05	1.00	-0.01
		520	8.17	2.98	-2.89	-2.76	2.84	-0.89	0.54	-0.11	-0.10	0.52	0.11
		519	7.66	3.47	-2.75	-2.49	3.21	-1.26	0.39	-0.15	-0.13	0.37	0.11
421	4	500	22.45	8.77	-10.75	-9.66	7.68	-4.49	0.33	-0.85	-0.85	0.33	0.06
		501	23.58	7.61	-11.75	-11.21	7.08	-3.17	0.25	-1.06	-1.06	0.25	0.06



		520	19.62	6.24	-11.32	-11.14	6.06	-1.77	-1.17	-1.47	-1.47	-1.18	0.04
		519	17.69	6.92	-9.88	-9.47	6.50	-2.61	-1.09	-1.30	-1.29	-1.10	0.03
422	1	501	22.77	4.75	-2.11	-1.99	4.63	-0.89	3.26	0.90	0.90	3.25	-0.09
		502	25.19	4.03	-1.56	-1.55	4.02	-0.19	3.92	1.19	1.20	3.91	-0.09
		521	19.91	3.54	-1.59	-1.47	3.43	-0.75	3.06	0.87	0.92	3.01	0.32
		520	17.77	4.27	-2.14	-1.90	4.03	-1.22	2.49	0.60	0.65	2.44	0.33
422	2	501	62.28	18.73	-31.82	-30.53	17.43	-7.98	0.72	-2.79	-2.78	0.72	0.15
		502	64.91	16.66	-34.00	-33.50	16.16	-4.98	0.56	-3.18	-3.17	0.55	0.15
		521	56.46	14.05	-33.50	-33.37	13.92	-2.47	-3.47	-4.38	-4.36	-3.48	0.12
		520	52.25	15.26	-30.55	-30.16	14.87	-4.20	-3.30	-4.01	-4.00	-3.31	0.09
422	3	501	10.93	3.46	-2.96	-2.78	3.28	-1.06	1.00	0.05	0.05	1.00	-0.01
		502	11.37	2.99	-2.91	-2.86	2.94	-0.56	1.19	0.11	0.11	1.19	-0.01
		521	8.61	2.58	-2.92	-2.86	2.53	-0.55	0.70	-0.06	-0.04	0.68	0.11
		520	8.17	2.98	-2.89	-2.76	2.84	-0.89	0.54	-0.11	-0.10	0.52	0.11
422	4	501	23.51	7.61	-11.76	-11.23	7.08	-3.16	0.25	-1.04	-1.04	0.25	0.06
		502	24.37	6.74	-12.53	-12.32	6.53	-1.98	0.19	-1.19	-1.19	0.19	0.06
		521	21.15	5.70	-12.38	-12.32	5.64	-1.06	-1.24	-1.61	-1.61	-1.25	0.05
		520	19.67	6.23	-11.31	-11.13	6.05	-1.77	-1.18	-1.48	-1.48	-1.18	0.04
423	1	502	25.20	4.03	-1.54	-1.53	4.03	-0.19	3.92	1.19	1.19	3.91	-0.09
		503	27.85	3.61	-0.92	-0.86	3.55	0.54	4.59	1.51	1.52	4.58	-0.09
		522	22.17	2.96	-0.82	-0.80	2.94	-0.29	3.64	1.17	1.21	3.59	0.32
		521	19.91	3.54	-1.60	-1.48	3.43	-0.75	3.06	0.87	0.92	3.01	0.32
423	2	502	64.86	16.65	-34.03	-33.54	16.16	-4.98	0.56	-3.16	-3.15	0.56	0.14
		503	66.42	15.19	-35.40	-35.30	15.08	-2.27	0.46	-3.40	-3.39	0.45	0.15
		522	59.10	13.12	-35.31	-35.29	13.10	-1.02	-3.59	-4.62	-4.60	-3.61	0.12
		521	56.49	14.05	-33.48	-33.35	13.92	-2.48	-3.48	-4.38	-4.37	-3.49	0.10
423	3	502	11.37	2.99	-2.91	-2.86	2.94	-0.56	1.19	0.11	0.11	1.19	-0.01
		503	11.84	2.66	-2.78	-2.78	2.66	-0.08	1.38	0.19	0.19	1.38	-0.01
		522	8.98	2.28	-2.81	-2.80	2.27	-0.24	0.86	0.01	0.03	0.84	0.11
		521	8.61	2.58	-2.92	-2.86	2.53	-0.55	0.70	-0.06	-0.04	0.68	0.11
423	4	502	24.35	6.74	-12.54	-12.34	6.53	-1.98	0.20	-1.18	-1.18	0.19	0.06
		503	24.86	6.12	-13.03	-12.98	6.08	-0.91	0.16	-1.27	-1.27	0.15	0.06
		522	22.08	5.29	-13.03	-13.02	5.28	-0.45	-1.28	-1.70	-1.70	-1.29	0.05
		521	21.16	5.70	-12.37	-12.31	5.63	-1.06	-1.24	-1.62	-1.61	-1.25	0.04
424	1	503	27.86	3.62	-0.90	-0.84	3.55	0.54	4.59	1.51	1.52	4.58	-0.10
		504	30.72	3.67	-0.37	0.11	3.19	1.30	5.26	1.87	1.87	5.26	-0.10
		523	24.53	2.57	0.14	0.16	2.55	0.18	4.21	1.50	1.54	4.17	0.31
		522	22.17	2.96	-0.84	-0.81	2.94	-0.29	3.64	1.17	1.21	3.59	0.32
424	2	503	66.41	15.18	-35.42	-35.32	15.08	-2.27	0.46	-3.39	-3.39	0.45	0.14
		504	66.76	14.26	-35.89	-35.89	14.26	0.22	0.41	-3.49	-3.49	0.40	0.14
		523	60.00	12.44	-35.95	-35.95	12.44	0.23	-3.65	-4.72	-4.71	-3.67	0.13
		522	59.11	13.12	-35.30	-35.28	13.09	-1.02	-3.59	-4.62	-4.61	-3.61	0.11
424	3	503	11.84	2.66	-2.77	-2.77	2.66	-0.08	1.38	0.19	0.19	1.38	-0.01
		504	12.34	2.48	-2.56	-2.53	2.45	0.39	1.58	0.29	0.29	1.58	-0.01
		523	9.29	2.07	-2.56	-2.56	2.07	0.05	1.02	0.10	0.11	1.01	0.10
		522	8.98	2.28	-2.81	-2.80	2.27	-0.24	0.86	0.01	0.03	0.84	0.11
424	4	503	24.85	6.12	-13.03	-12.99	6.08	-0.91	0.16	-1.27	-1.26	0.16	0.06
		504	24.94	5.73	-13.19	-13.19	5.73	0.07	0.14	-1.30	-1.30	0.14	0.06
		523	22.38	5.00	-13.26	-13.26	5.00	0.07	-1.31	-1.74	-1.74	-1.31	0.05
		522	22.08	5.29	-13.03	-13.01	5.28	-0.46	-1.29	-1.70	-1.70	-1.29	0.05
425	1	504	30.73	3.68	-0.35	0.13	3.20	1.30	5.26	1.87	1.87	5.26	-0.10
		505	33.78	4.43	-0.11	1.37	2.95	2.13	5.94	2.25	2.26	5.93	-0.09
		524	26.99	2.63	1.05	1.43	2.25	0.68	4.76	1.86	1.89	4.73	0.29
		523	24.54	2.56	0.13	0.14	2.55	0.18	4.21	1.50	1.54	4.17	0.31
425	2	504	66.75	14.26	-35.89	-35.89	14.26	0.22	0.41	-3.49	-3.49	0.40	0.14
		505	65.82	13.86	-35.40	-35.27	13.72	2.59	0.41	-3.46	-3.45	0.40	0.14
		524	59.16	12.04	-35.41	-35.37	12.00	1.36	-3.65	-4.69	-4.67	-3.67	0.13
		523	60.00	12.44	-35.95	-35.95	12.44	0.23	-3.65	-4.72	-4.71	-3.67	0.12
425	3	504	12.34	2.48	-2.55	-2.52	2.45	0.39	1.58	0.29	0.29	1.58	-0.02
		505	12.89	2.48	-2.27	-2.10	2.32	0.87	1.78	0.40	0.40	1.78	-0.01
		524	9.56	1.95	-2.17	-2.14	1.93	0.34	1.19	0.21	0.22	1.18	0.10
		523	9.29	2.07	-2.57	-2.57	2.07	0.05	1.02	0.10	0.11	1.01	0.10
425	4	504	24.93	5.73	-13.19	-13.19	5.73	0.07	0.14	-1.30	-1.30	0.14	0.05
		505	24.58	5.56	-13.01	-12.96	5.51	1.00	0.14	-1.29	-1.29	0.14	0.05
		524	22.06	4.83	-13.06	-13.04	4.81	0.55	-1.31	-1.73	-1.72	-1.31	0.05
		523	22.38	5.00	-13.26	-13.26	5.00	0.07	-1.31	-1.74	-1.74	-1.31	0.05
426	1	505	33.79	4.44	-0.09	1.40	2.96	2.12	5.94	2.26	2.26	5.94	-0.09
		506	37.02	5.93	-0.15	2.97	2.81	3.04	6.60	2.67	2.67	6.59	-0.08
		525	29.52	3.86	1.22	3.04	2.03	1.22	5.29	2.24	2.27	5.26	0.27
		524	26.99	2.63	1.03	1.41	2.25	0.68	4.76	1.86	1.89	4.73	0.29
426	2	505	65.80	13.86	-35.39	-35.25	13.73	2.58	0.41	-3.45	-3.45	0.40	0.13
		506	63.61	14.01	-33.95	-33.44	13.50	4.91	0.46	-3.29	-3.28	0.46	0.13
		525	56.57	11.91	-33.68	-33.55	11.78	2.43	-3.59	-4.53	-4.51	-3.62	0.14
		524	59.16	12.03	-35.41	-35.38	11.99	1.35	-3.66	-4.69	-4.67	-3.67	0.13
426	3	505	12.89	2.48	-2.26	-2.09	2.32	0.87	1.78	0.40	0.40	1.78	-0.02
		506	13.50	2.70	-1.94	-1.49	2.25	1.37	1.98	0.54	0.54	1.98	-0.01
		525	9.83	1.96	-1.64	-1.52	1.84	0.64	1.35	0.34	0.35	1.34	0.09



		524	9.56	1.95	-2.18	-2.15	1.92	0.34	1.19	0.21	0.22	1.18	0.10
426	4	505	24.57	5.56	-13.01	-12.95	5.51	1.00	0.14	-1.29	-1.29	0.14	0.05
		506	23.77	5.62	-12.49	-12.28	5.42	1.92	0.16	-1.23	-1.22	0.16	0.05
		525	21.10	4.79	-12.42	-12.37	4.73	1.00	-1.28	-1.67	-1.66	-1.29	0.05
		524	22.06	4.83	-13.06	-13.05	4.81	0.54	-1.31	-1.73	-1.72	-1.31	0.05
427	1	506	37.04	5.95	-0.13	3.00	2.82	3.04	6.60	2.67	2.67	6.60	-0.08
		507	40.42	8.07	-0.36	4.94	2.76	4.07	7.22	3.12	3.12	7.22	-0.07
		526	32.13	5.90	1.04	5.06	1.88	1.84	5.77	2.65	2.67	5.75	0.24
		525	29.52	3.84	1.21	3.02	2.03	1.22	5.29	2.24	2.27	5.26	0.27
427	2	506	63.57	14.01	-33.92	-33.41	13.51	4.90	0.46	-3.29	-3.28	0.46	0.12
		507	60.23	14.77	-31.56	-30.39	13.60	7.27	0.56	-2.98	-2.98	0.56	0.12
		526	52.26	12.11	-30.76	-30.47	11.81	3.53	-3.47	-4.23	-4.20	-3.50	0.14
		525	56.57	11.91	-33.69	-33.56	11.78	2.43	-3.60	-4.52	-4.51	-3.62	0.13
427	3	506	13.50	2.70	-1.93	-1.48	2.26	1.36	1.98	0.54	0.54	1.98	-0.01
		507	14.23	3.19	-1.61	-0.68	2.26	1.90	2.17	0.70	0.70	2.17	-9.39e-03
		526	10.15	2.13	-1.02	-0.70	1.81	0.96	1.50	0.48	0.49	1.49	0.08
		525	9.83	1.96	-1.65	-1.53	1.84	0.64	1.35	0.34	0.35	1.34	0.09
427	4	506	23.76	5.63	-12.47	-12.27	5.42	1.92	0.16	-1.23	-1.22	0.16	0.05
		507	22.57	5.94	-11.62	-11.15	5.47	2.85	0.20	-1.11	-1.11	0.20	0.05
		526	19.53	4.88	-11.36	-11.22	4.75	1.46	-1.24	-1.56	-1.55	-1.25	0.05
		525	21.11	4.78	-12.43	-12.37	4.73	1.00	-1.29	-1.67	-1.66	-1.29	0.05
428	1	507	40.44	8.09	-0.34	4.98	2.78	4.07	7.22	3.12	3.12	7.22	-0.07
		508	43.97	10.81	-0.67	7.35	2.79	5.27	7.79	3.59	3.59	7.79	-0.04
		527	34.82	8.49	0.80	7.52	1.76	2.55	6.17	3.08	3.09	6.16	0.20
		526	32.13	5.87	1.03	5.03	1.87	1.84	5.77	2.65	2.67	5.75	0.24
428	2	507	60.18	14.78	-31.51	-30.34	13.61	7.26	0.56	-2.98	-2.98	0.56	0.11
		508	55.97	16.29	-28.34	-26.10	14.05	9.75	0.72	-2.55	-2.55	0.72	0.11
		527	46.31	12.68	-26.70	-26.12	12.10	4.73	-3.29	-3.81	-3.77	-3.33	0.14
		526	52.27	12.10	-30.79	-30.50	11.81	3.53	-3.48	-4.23	-4.20	-3.50	0.13
428	3	507	14.23	3.19	-1.60	-0.67	2.26	1.90	2.17	0.70	0.70	2.17	-9.96e-03
		508	15.09	4.01	-1.34	0.35	2.32	2.49	2.35	0.87	0.87	2.35	-2.86e-03
		527	10.59	2.59	-0.42	0.36	1.82	1.31	1.63	0.64	0.65	1.63	0.07
		526	10.15	2.13	-1.03	-0.71	1.81	0.96	1.50	0.48	0.49	1.49	0.08
428	4	507	22.55	5.95	-11.60	-11.13	5.47	2.84	0.20	-1.11	-1.11	0.20	0.04
		508	21.07	6.56	-10.47	-9.56	5.66	3.82	0.26	-0.95	-0.95	0.25	0.04
		527	17.38	5.15	-9.87	-9.61	4.89	1.96	-1.17	-1.40	-1.39	-1.19	0.05
		526	19.53	4.88	-11.37	-11.23	4.75	1.46	-1.24	-1.56	-1.55	-1.25	0.05
429	1	508	44.00	10.84	-0.64	7.39	2.81	5.27	7.80	3.59	3.59	7.80	-0.04
		509	47.68	14.20	-1.05	10.27	2.88	6.67	8.27	4.08	4.08	8.27	-3.73e-03
		528	37.64	11.66	0.52	10.52	1.67	3.38	6.48	3.53	3.54	6.47	0.15
		527	34.82	8.46	0.79	7.49	1.76	2.55	6.18	3.08	3.09	6.16	0.20
429	2	508	55.90	16.31	-28.28	-26.03	14.06	9.75	0.72	-2.55	-2.55	0.71	0.10
		509	51.36	18.79	-24.48	-20.54	14.84	12.45	0.93	-1.98	-1.98	0.92	0.10
		528	38.94	13.75	-21.56	-20.47	12.66	6.11	-3.00	-3.30	-3.19	-3.11	0.14
		527	46.32	12.67	-26.73	-26.16	12.10	4.72	-3.29	-3.80	-3.77	-3.33	0.13
429	3	508	15.10	4.02	-1.33	0.37	2.33	2.49	2.35	0.87	0.87	2.35	-3.55e-03
		509	16.16	5.22	-1.15	1.62	2.45	3.16	2.51	1.06	1.06	2.51	7.59e-03
		528	11.23	3.49	0.05	1.66	1.88	1.71	1.74	0.82	0.82	1.74	0.06
		527	10.59	2.59	-0.42	0.34	1.82	1.31	1.63	0.64	0.65	1.63	0.07
429	4	508	21.05	6.57	-10.44	-9.54	5.66	3.82	0.26	-0.95	-0.95	0.25	0.04
		509	19.49	7.57	-9.08	-7.50	6.00	4.87	0.33	-0.74	-0.74	0.33	0.04
		528	14.73	5.62	-8.01	-7.52	5.13	2.53	-1.07	-1.20	-1.17	-1.10	0.05
		527	17.38	5.14	-9.89	-9.63	4.88	1.96	-1.17	-1.40	-1.38	-1.19	0.05
430	1	509	47.72	14.24	-1.03	10.32	2.89	6.67	8.28	4.09	4.09	8.28	-6.46e-03
		510	51.60	18.32	-1.53	13.80	2.99	8.32	8.62	4.58	4.58	8.62	0.05
		529	40.72	15.49	0.20	14.14	1.55	4.35	6.65	3.99	3.99	6.65	0.07
		528	37.64	11.62	0.52	10.48	1.66	3.37	6.49	3.53	3.53	6.48	0.15
430	2	509	51.29	18.81	-24.40	-20.45	14.86	12.46	0.92	-1.99	-1.98	0.92	0.10
		510	47.43	22.58	-20.25	-13.67	16.00	15.44	1.18	-1.28	-1.28	1.18	0.09
		529	32.04	15.56	-15.57	-13.49	13.49	7.76	-2.43	-2.88	-2.49	-2.83	0.15
		528	38.93	13.74	-21.60	-20.52	12.65	6.11	-3.01	-3.29	-3.19	-3.10	0.14
430	3	509	16.17	5.23	-1.13	1.64	2.46	3.16	2.51	1.06	1.06	2.51	6.61e-03
		510	17.49	6.83	-1.03	3.17	2.62	3.92	2.63	1.26	1.26	2.63	0.02
		529	12.18	4.87	0.33	3.25	1.96	2.18	1.81	1.01	1.01	1.81	0.03
		528	11.23	3.48	0.04	1.65	1.87	1.71	1.74	0.82	0.82	1.74	0.06
430	4	509	19.46	7.58	-9.05	-7.47	6.00	4.87	0.33	-0.74	-0.74	0.33	0.04
		510	18.20	9.07	-7.56	-4.97	6.48	6.03	0.43	-0.48	-0.48	0.43	0.04
		529	12.28	6.39	-5.84	-4.94	5.49	3.19	-0.88	-1.03	-0.91	-1.00	0.05
		528	14.73	5.61	-8.02	-7.54	5.13	2.52	-1.08	-1.20	-1.17	-1.10	0.05
431	1	510	51.67	18.37	-1.52	13.85	3.00	8.33	8.63	4.60	4.60	8.63	0.05
		511	55.88	23.32	-2.15	18.08	3.08	10.29	8.77	5.08	5.08	8.77	0.13
		530	44.29	20.11	-0.22	18.52	1.38	5.47	6.64	4.44	4.44	6.64	-0.03
		529	40.70	15.45	0.20	14.09	1.55	4.34	6.66	3.98	3.98	6.65	0.08
431	2	510	47.39	22.62	-20.18	-13.57	16.02	15.47	1.18	-1.29	-1.29	1.18	0.09
		511	45.86	28.09	-16.04	-5.47	17.53	18.83	1.49	-0.44	-0.44	1.49	0.08
		530	31.46	18.59	-9.15	-5.13	14.57	9.77	-1.63	-2.52	-1.65	-2.49	0.15
		529	32.10	15.55	-15.61	-13.54	13.48	7.75	-2.44	-2.87	-2.48	-2.82	0.14



431	3	510	17.51	6.85	-1.02	3.19	2.63	3.93	2.63	1.26	1.26	2.63	0.02
		511	19.17	8.87	-1.00	5.04	2.83	4.81	2.70	1.47	1.47	2.70	0.05
		530	13.58	6.74	0.48	5.16	2.05	2.72	1.83	1.21	1.21	1.83	3.84e-03
		529	12.18	4.86	0.33	3.23	1.96	2.18	1.81	1.01	1.01	1.81	0.03
431	4	510	18.19	9.09	-7.53	-4.93	6.49	6.04	0.43	-0.48	-0.48	0.43	0.03
		511	17.80	11.21	-6.04	-1.94	7.11	7.34	0.54	-0.17	-0.17	0.54	0.03
		530	12.22	7.64	-3.52	-1.84	5.96	3.99	-0.59	-0.89	-0.60	-0.88	0.06
		529	12.30	6.39	-5.85	-4.96	5.49	3.19	-0.89	-1.02	-0.91	-1.00	0.05
432	1	511	56.01	23.38	-2.16	18.14	3.08	10.32	8.79	5.11	5.12	8.78	0.12
		512	60.88	29.39	-2.97	23.31	3.11	12.64	8.65	5.53	5.55	8.63	0.24
		531	48.85	25.70	-0.76	23.83	1.10	6.77	6.39	4.88	4.89	6.37	-0.16
		530	44.24	20.07	-0.21	18.47	1.38	5.46	6.64	4.43	4.43	6.64	-0.02
432	2	511	45.92	28.16	-15.99	-5.36	17.52	18.88	1.48	-0.48	-0.47	1.48	0.09
		512	48.67	35.71	-12.20	4.12	19.39	22.70	1.86	0.54	0.54	1.86	0.07
		531	32.01	23.73	-3.17	4.65	15.91	12.21	-0.67	-2.13	-0.69	-2.11	0.15
		530	31.54	18.58	-9.19	-5.19	14.58	9.75	-1.61	-2.51	-1.64	-2.49	0.14
432	3	511	19.20	8.90	-1.00	5.07	2.83	4.82	2.70	1.47	1.48	2.70	0.04
		512	21.35	11.39	-1.05	7.29	3.05	5.85	2.69	1.67	1.68	2.69	0.08
		531	15.59	9.07	0.53	7.46	2.14	3.34	1.78	1.41	1.41	1.78	-0.04
		530	13.57	6.72	0.48	5.15	2.05	2.71	1.83	1.20	1.20	1.83	5.78e-03
432	4	511	17.82	11.23	-6.02	-1.89	7.11	7.36	0.54	-0.18	-0.18	0.54	0.03
		512	18.97	14.11	-4.63	1.61	7.88	8.83	0.68	0.20	0.20	0.68	0.03
		531	12.58	9.64	-1.34	1.78	6.53	4.95	-0.24	-0.74	-0.24	-0.73	0.06
		530	12.24	7.63	-3.53	-1.86	5.96	3.98	-0.59	-0.88	-0.59	-0.87	0.05
433	1	512	61.15	29.46	-3.02	23.36	3.09	12.69	8.68	5.62	5.64	8.67	0.21
		513	67.21	36.77	-4.01	29.72	3.03	15.42	8.19	5.87	5.94	8.12	0.40
		532	55.19	32.45	-1.44	30.31	0.69	8.23	5.96	5.15	5.33	5.78	-0.33
		531	48.67	25.64	-0.74	23.79	1.11	6.75	6.38	4.84	4.85	6.37	-0.14
433	2	512	48.89	35.83	-12.21	4.25	19.36	22.80	1.84	0.44	0.45	1.83	0.09
		513	57.08	45.68	-8.94	15.17	21.57	27.12	2.30	1.71	1.71	2.30	0.06
		532	34.30	31.87	1.50	15.88	17.49	15.16	0.38	-1.69	0.37	-1.68	0.16
		531	32.09	23.70	-3.17	4.59	15.94	12.18	-0.62	-2.11	-0.64	-2.10	0.14
433	3	512	21.40	11.43	-1.07	7.32	3.04	5.87	2.70	1.70	1.70	2.69	0.07
		513	24.22	14.46	-1.18	10.01	3.27	7.06	2.59	1.86	1.88	2.57	0.12
		532	18.43	11.90	0.52	10.21	2.21	4.04	1.71	1.54	1.62	1.63	-0.09
		531	15.57	9.05	0.54	7.44	2.15	3.33	1.78	1.40	1.40	1.78	-0.03
433	4	512	19.06	14.16	-4.63	1.66	7.86	8.87	0.67	0.16	0.16	0.67	0.03
		513	22.13	17.86	-3.40	5.70	8.76	10.52	0.84	0.63	0.63	0.84	0.02
		532	13.57	12.69	0.43	5.94	7.19	6.10	0.16	-0.58	0.15	-0.58	0.06
		531	12.61	9.63	-1.34	1.76	6.54	4.94	-0.22	-0.74	-0.22	-0.73	0.05
434	1	513	68.11	36.87	-4.12	29.76	2.99	15.52	8.27	6.17	6.22	8.22	0.32
		514	75.32	45.77	-5.27	37.67	2.83	18.65	7.32	5.81	6.09	7.04	0.59
		533	64.31	40.58	-2.17	38.19	0.22	9.82	6.01	4.54	5.74	4.80	-0.56
		532	54.53	32.41	-1.43	30.28	0.70	8.22	5.87	5.06	5.19	5.74	-0.29
434	2	513	57.34	45.90	-9.09	15.32	21.49	27.32	2.24	1.38	1.39	2.23	0.10
		514	70.73	57.95	-6.16	27.89	23.89	31.99	3.17	2.80	3.17	2.80	-0.01
		533	46.96	43.06	4.75	28.41	19.39	18.62	1.45	-1.16	1.44	-1.15	0.15
		532	34.23	31.85	1.55	15.87	17.54	15.13	0.56	-1.68	0.55	-1.67	0.16
434	3	513	24.39	14.51	-1.24	10.03	3.24	7.10	2.61	1.93	1.94	2.59	0.10
		514	27.89	18.14	-1.39	13.30	3.45	8.43	2.38	1.95	2.04	2.29	0.17
		533	22.25	15.27	0.49	13.47	2.29	4.83	1.87	1.34	1.82	1.39	-0.16
		532	18.32	11.89	0.53	10.20	2.22	4.04	1.68	1.53	1.59	1.62	-0.07
434	4	513	22.24	17.95	-3.47	5.75	8.73	10.60	0.82	0.51	0.51	0.82	0.04
		514	27.15	22.44	-2.34	10.41	9.70	12.38	1.17	1.03	1.17	1.03	-4.95e-03
		533	18.07	16.82	1.72	10.58	7.97	7.43	0.55	-0.38	0.55	-0.38	0.06
		532	13.54	12.69	0.45	5.93	7.21	6.08	0.22	-0.58	0.22	-0.57	0.06
435	1	514	79.25	46.10	-5.51	37.87	2.71	18.89	7.71	6.81	7.10	7.41	0.42
		515	83.62	56.71	-6.31	48.00	2.40	21.75	5.82	4.23	5.47	4.58	0.66
		534	76.49	49.68	-2.54	47.05	0.10	11.44	6.63	3.67	6.31	3.99	-0.92
		533	61.24	40.57	-2.12	38.18	0.27	9.80	5.46	4.22	5.14	4.54	-0.54
435	2	514	70.08	58.66	-6.50	28.19	23.96	32.51	2.67	2.20	2.21	2.66	0.07
		515	86.96	71.21	-3.09	43.01	25.11	36.06	5.02	2.95	4.98	2.99	-0.29
		534	62.82	55.64	7.71	40.74	22.60	22.18	2.61	0.13	2.61	0.13	0.08
		533	49.15	43.21	4.64	28.60	19.25	18.71	1.85	-1.22	1.84	-1.21	0.18
435	3	514	28.73	18.30	-1.50	13.38	3.42	8.55	2.47	2.18	2.27	2.39	0.13
		515	31.61	22.45	-1.48	17.49	3.49	9.70	2.06	1.52	1.99	1.58	0.17
		534	26.92	18.95	0.62	17.01	2.56	5.63	2.16	1.16	2.08	1.24	-0.26
		533	21.57	15.28	0.50	13.49	2.29	4.83	1.72	1.25	1.67	1.30	-0.15
435	4	514	26.98	22.71	-2.48	10.52	9.71	12.59	0.98	0.81	0.82	0.98	0.03
		515	33.04	27.36	-1.13	16.01	10.22	13.94	1.86	1.10	1.85	1.11	-0.11
		534	24.01	21.48	2.89	15.14	9.22	8.81	0.99	0.10	0.98	0.10	0.03
		533	18.83	16.87	1.69	10.65	7.92	7.47	0.70	-0.40	0.70	-0.40	0.07
436	1	515	94.64	56.52	-9.83	45.71	0.98	24.50	8.05	4.83	8.02	4.86	0.30
		99	113.59	81.33	-5.16	77.89	-1.72	16.90	5.38	0.81	5.04	1.15	1.20
		136	97.09	44.87	2.09	42.28	4.68	10.20	11.06	3.52	10.88	3.71	-1.17
		534	66.32	51.71	-0.62	49.64	1.45	10.20	5.28	2.80	4.21	3.86	-1.23
436	2	515	84.13	76.59	-3.63	47.01	25.95	38.71	2.72	1.91	2.59	2.04	-0.29



		99	112.90	77.77	6.61	63.98	20.41	28.13	8.60	3.64	8.60	3.64	0.11
		136	90.21	64.05	7.78	43.21	28.62	27.17	7.62	2.17	7.62	2.17	-0.01
		534	62.78	54.37	8.12	40.19	22.31	21.33	3.24	0.70	3.24	0.71	-0.13
436	3	515	34.40	22.94	-2.71	17.11	3.12	10.75	2.58	1.60	2.58	1.60	0.07
		99	41.90	30.03	-0.19	27.92	1.92	7.70	2.24	0.58	2.15	0.67	0.37
		136	34.59	18.13	2.09	15.78	4.44	5.67	3.82	1.19	3.77	1.24	-0.35
436	4	534	24.04	19.38	1.29	17.74	2.93	5.19	1.78	0.99	1.52	1.25	-0.37
		515	32.18	29.37	-1.35	17.50	10.52	14.96	1.02	0.72	0.97	0.77	-0.11
		99	42.36	29.57	2.71	23.80	8.48	11.03	3.21	1.41	3.21	1.41	0.05
		136	33.92	24.73	2.85	16.05	11.53	10.70	2.80	0.79	2.80	0.79	-7.50e-03
		534	24.03	21.00	3.05	14.94	9.11	8.49	1.24	0.31	1.24	0.31	-0.04
437	1	44	14.50	10.75	-3.00	-1.75	9.50	-3.95	0.74	-0.07	0.29	0.38	0.40
		516	12.11	8.95	-1.66	-0.56	7.84	-3.24	0.35	-0.53	-0.47	0.29	0.22
		535	13.30	7.80	-3.57	-3.10	7.33	-2.26	0.89	-0.47	0.08	0.35	0.67
		6	13.70	9.85	1.02	1.66	9.20	-2.29	0.02	-1.00	-0.57	-0.41	0.50
437	2	44	37.14	28.82	-8.54	1.41	18.87	-16.52	2.15	1.63	2.13	1.65	0.10
		516	36.67	25.30	-15.24	-8.50	18.56	-15.10	-0.57	-1.30	-0.77	-1.10	-0.33
		535	29.03	18.74	-0.47	2.70	15.57	-7.13	-0.25	-2.95	-2.93	-0.27	-0.24
		6	39.32	21.97	-12.46	-0.96	10.48	-16.23	4.31	0.43	4.25	0.49	-0.48
437	3	44	8.14	6.50	-1.71	-0.41	5.21	-2.99	0.36	0.09	0.20	0.24	0.14
		516	7.18	5.67	-1.84	-0.78	4.61	-2.61	0.04	-0.19	-0.18	0.03	0.05
		535	6.14	4.71	-1.25	-0.69	4.15	-1.74	0.17	-0.30	-0.20	0.07	0.19
		6	7.55	5.63	-0.75	0.45	4.44	-2.49	0.18	-0.14	0.13	-0.09	0.11
437	4	44	15.08	11.93	-3.43	0.53	7.98	-6.71	0.76	0.60	0.75	0.62	0.05
		516	14.76	10.53	-5.88	-3.14	7.79	-6.12	-0.20	-0.45	-0.27	-0.38	-0.11
		535	11.71	8.04	-0.41	1.03	6.60	-3.18	-0.10	-1.09	-1.09	-0.11	-0.07
		6	15.50	9.35	-4.86	-0.33	4.82	-6.62	1.58	0.15	1.56	0.17	-0.18
438	1	516	10.79	8.58	-2.18	-1.24	7.65	-3.03	0.43	-0.24	-0.11	0.30	0.26
		517	12.35	7.43	-2.66	-1.88	6.65	-2.70	0.84	-0.17	-0.06	0.72	0.32
		536	13.90	6.84	-2.76	-2.15	6.23	-2.34	1.57	-0.06	0.31	1.20	0.68
		535	12.59	8.20	-2.41	-1.80	7.59	-2.47	0.86	-0.68	-0.26	0.44	0.68
438	2	516	37.20	27.04	-13.14	-5.53	19.44	-15.74	-1.57	-2.03	-1.85	-1.76	-0.23
		517	38.31	21.11	-16.36	-12.55	17.30	-11.32	-1.59	-2.28	-1.59	-2.28	0.05
		536	41.55	16.05	-14.34	-13.95	15.65	-3.45	0.90	-2.07	-2.07	0.90	0.03
		535	24.39	15.26	-5.83	-3.99	13.42	-5.96	1.81	1.22	1.52	1.51	-0.30
438	3	516	6.94	5.67	-1.81	-0.76	4.62	-2.60	0.01	-0.18	-0.16	-0.01	0.07
		517	6.54	4.76	-2.16	-1.46	4.06	-2.09	0.13	-0.17	-0.13	0.09	0.10
		536	7.44	4.08	-2.01	-1.66	3.74	-1.41	0.48	-0.15	-0.07	0.41	0.21
		535	5.91	4.59	-1.34	-0.81	4.06	-1.70	0.35	-0.09	0.03	0.23	0.19
438	4	516	14.99	11.18	-5.10	-2.03	8.11	-6.37	-0.56	-0.73	-0.67	-0.62	-0.08
		517	15.11	8.82	-6.23	-4.63	7.21	-4.64	-0.58	-0.80	-0.58	-0.80	0.02
		536	16.07	6.78	-5.41	-5.16	6.53	-1.73	0.32	-0.78	-0.78	0.32	0.02
		535	10.09	6.70	-2.37	-1.46	5.79	-2.73	0.65	0.45	0.55	0.55	-0.10
439	1	517	12.09	7.40	-2.59	-1.82	6.63	-2.66	0.88	-0.07	0.05	0.76	0.31
		518	13.95	6.19	-2.64	-2.07	5.62	-2.17	1.39	0.09	0.18	1.30	0.33
		537	15.69	5.75	-2.93	-2.42	5.24	-2.04	1.95	0.07	0.37	1.66	0.68
		536	14.34	6.82	-2.76	-2.17	6.23	-2.30	1.48	-0.28	0.07	1.13	0.70
439	2	517	37.68	21.71	-16.63	-12.66	17.74	-11.68	-2.39	-2.47	-2.39	-2.47	7.88e-04
		518	38.69	18.71	-21.78	-19.84	16.77	-8.66	-2.62	-2.78	-2.65	-2.75	0.06
		537	47.35	15.08	-21.82	-21.71	14.98	-1.97	0.82	-2.05	-2.05	0.82	0.03
		536	35.10	15.37	-14.46	-14.10	15.01	-3.27	1.36	-0.39	-0.38	1.35	-0.15
439	3	517	6.66	4.80	-2.16	-1.45	4.09	-2.11	0.12	-0.19	-0.15	0.08	0.10
		518	7.09	4.07	-2.50	-2.05	3.62	-1.65	0.25	-0.16	-0.14	0.22	0.11
		537	8.18	3.51	-2.54	-2.32	3.30	-1.12	0.61	-0.12	-0.05	0.54	0.21
		536	7.26	4.01	-2.01	-1.68	3.68	-1.37	0.50	-0.10	-0.02	0.42	0.20
439	4	517	14.90	9.05	-6.33	-4.66	7.38	-4.78	-0.87	-0.88	-0.88	-0.88	4.80e-03
		518	15.04	7.77	-8.17	-7.32	6.92	-3.58	-0.95	-1.00	-0.97	-0.98	0.03
		537	18.08	6.27	-8.12	-8.04	6.18	-1.10	0.29	-0.77	-0.77	0.29	0.02
		536	13.77	6.52	-5.45	-5.22	6.28	-1.66	0.49	-0.15	-0.15	0.49	-0.05
440	1	518	13.88	6.20	-2.64	-2.07	5.63	-2.18	1.40	0.13	0.22	1.31	0.32
		519	15.77	5.15	-2.48	-2.08	4.76	-1.69	1.94	0.34	0.41	1.86	0.33
		538	17.44	4.80	-2.93	-2.51	4.39	-1.75	2.39	0.26	0.52	2.14	0.69
		537	15.84	5.72	-2.91	-2.41	5.22	-2.01	1.93	-7.06e-03	0.29	1.64	0.70
440	2	518	40.05	18.82	-21.74	-19.77	16.84	-8.72	-2.77	-2.96	-2.93	-2.80	0.07
		519	46.17	16.77	-26.62	-25.71	15.85	-6.24	-3.05	-3.44	-3.43	-3.06	0.07
		538	53.71	14.37	-27.86	-27.83	14.35	-0.94	0.55	-2.47	-2.47	0.55	0.02
		537	45.11	14.91	-21.93	-21.84	14.82	-1.87	0.94	-1.54	-1.54	0.94	-0.06
440	3	518	7.13	4.08	-2.50	-2.05	3.63	-1.66	0.25	-0.17	-0.15	0.22	0.11
		519	7.65	3.47	-2.75	-2.49	3.21	-1.25	0.39	-0.15	-0.13	0.37	0.11
		538	8.85	3.04	-2.94	-2.81	2.91	-0.88	0.72	-0.10	-0.04	0.66	0.21
		537	8.12	3.49	-2.54	-2.33	3.28	-1.10	0.61	-0.11	-0.04	0.54	0.21
440	4	518	15.46	7.81	-8.15	-7.29	6.95	-3.60	-0.99	-1.09	-1.08	-1.00	0.03
		519	17.54	6.91	-9.90	-9.49	6.49	-2.60	-1.09	-1.27	-1.26	-1.09	0.03
		538	20.32	5.89	-10.34	-10.31	5.86	-0.64	0.19	-0.92	-0.92	0.19	0.01
		537	17.27	6.20	-8.16	-8.09	6.12	-1.06	0.34	-0.58	-0.58	0.34	-0.02
441	1	519	15.76	5.16	-2.48	-2.09	4.76	-1.69	1.94	0.35	0.42	1.87	0.33
		520	17.76	4.27	-2.13	-1.89	4.03	-1.22	2.49	0.59	0.65	2.43	0.33



		539	19.20	4.02	-2.74	-2.40	3.68	-1.49	2.86	0.49	0.72	2.64	0.69
		538	17.48	4.79	-2.92	-2.50	4.38	-1.73	2.39	0.24	0.49	2.13	0.70
441	2	519	46.54	16.80	-26.57	-25.64	15.88	-6.27	-3.06	-3.53	-3.51	-3.08	0.09
		520	52.14	15.25	-30.58	-30.20	14.86	-4.19	-3.29	-3.99	-3.98	-3.30	0.09
		539	59.32	13.67	-32.55	-32.55	13.67	-0.24	0.30	-2.92	-2.92	0.30	0.04
		538	53.01	14.29	-27.95	-27.93	14.27	-0.88	0.59	-2.31	-2.31	0.59	-0.01
441	3	519	7.66	3.48	-2.75	-2.48	3.21	-1.26	0.39	-0.15	-0.13	0.37	0.11
		520	8.16	2.98	-2.89	-2.76	2.84	-0.89	0.54	-0.11	-0.10	0.52	0.11
		539	9.43	2.65	-3.20	-3.13	2.57	-0.68	0.85	-0.07	-0.01	0.80	0.21
		538	8.83	3.03	-2.94	-2.81	2.90	-0.87	0.72	-0.09	-0.04	0.67	0.21
441	4	519	17.68	6.92	-9.88	-9.46	6.51	-2.61	-1.09	-1.30	-1.29	-1.10	0.04
		520	19.63	6.23	-11.32	-11.14	6.05	-1.76	-1.18	-1.47	-1.47	-1.18	0.04
		539	22.32	5.54	-12.06	-12.06	5.53	-0.30	0.10	-1.09	-1.09	0.10	0.02
		538	20.06	5.86	-10.37	-10.35	5.83	-0.62	0.21	-0.86	-0.86	0.21	1.92e-03
442	1	520	17.77	4.28	-2.14	-1.90	4.03	-1.22	2.49	0.60	0.65	2.44	0.33
		521	19.90	3.54	-1.59	-1.47	3.43	-0.75	3.06	0.87	0.92	3.01	0.32
		540	20.97	3.39	-2.35	-2.05	3.09	-1.27	3.34	0.75	0.95	3.14	0.68
		539	19.21	4.02	-2.73	-2.39	3.68	-1.48	2.86	0.48	0.71	2.64	0.69
442	2	520	52.23	15.26	-30.54	-30.15	14.87	-4.20	-3.29	-4.02	-4.00	-3.31	0.10
		521	56.47	14.04	-33.51	-33.38	13.91	-2.47	-3.47	-4.37	-4.36	-3.48	0.10
		540	63.50	13.00	-35.91	-35.91	13.00	0.17	0.11	-3.28	-3.28	0.10	0.06
		539	59.10	13.63	-32.62	-32.61	13.63	-0.21	0.32	-2.86	-2.86	0.32	0.03
442	3	520	8.17	2.98	-2.89	-2.76	2.84	-0.89	0.54	-0.11	-0.10	0.52	0.11
		521	8.60	2.58	-2.92	-2.86	2.53	-0.55	0.69	-0.06	-0.04	0.68	0.11
		540	9.90	2.34	-3.32	-3.27	2.29	-0.51	0.98	-0.02	0.03	0.93	0.21
		539	9.43	2.65	-3.21	-3.13	2.57	-0.67	0.85	-0.06	-0.01	0.80	0.21
442	4	520	19.66	6.24	-11.31	-11.13	6.05	-1.77	-1.18	-1.48	-1.48	-1.18	0.04
		521	21.15	5.69	-12.38	-12.32	5.63	-1.06	-1.24	-1.61	-1.61	-1.25	0.04
		540	23.82	5.22	-13.31	-13.31	5.22	-0.08	0.03	-1.22	-1.22	0.03	0.03
		539	22.24	5.52	-12.09	-12.08	5.52	-0.29	0.11	-1.07	-1.07	0.11	0.02
443	1	521	19.91	3.54	-1.60	-1.48	3.43	-0.76	3.06	0.87	0.92	3.01	0.32
		522	22.16	2.96	-0.82	-0.80	2.94	-0.29	3.63	1.17	1.21	3.59	0.32
		541	22.74	2.88	-1.72	-1.45	2.61	-1.08	3.82	1.04	1.21	3.65	0.67
		540	20.98	3.39	-2.34	-2.04	3.10	-1.27	3.34	0.75	0.95	3.14	0.69
443	2	521	56.49	14.05	-33.48	-33.35	13.92	-2.48	-3.47	-4.39	-4.37	-3.49	0.11
		522	59.10	13.11	-35.31	-35.29	13.09	-1.02	-3.59	-4.62	-4.60	-3.61	0.11
		541	66.03	12.40	-37.97	-37.97	12.39	0.34	-0.03	-3.52	-3.52	-0.03	0.08
		540	63.43	12.97	-35.96	-35.96	12.97	0.19	0.11	-3.26	-3.26	0.11	0.06
443	3	521	8.61	2.58	-2.92	-2.86	2.53	-0.55	0.69	-0.06	-0.04	0.68	0.11
		522	8.97	2.28	-2.81	-2.80	2.27	-0.24	0.86	0.01	0.03	0.84	0.11
		541	10.24	2.08	-3.28	-3.25	2.05	-0.38	1.12	0.05	0.09	1.07	0.21
		540	9.90	2.33	-3.32	-3.27	2.29	-0.51	0.98	-0.02	0.03	0.93	0.21
443	4	521	21.16	5.70	-12.37	-12.31	5.63	-1.06	-1.24	-1.62	-1.61	-1.25	0.05
		522	22.08	5.29	-13.03	-13.02	5.27	-0.45	-1.28	-1.70	-1.70	-1.29	0.05
		541	24.72	4.95	-14.07	-14.07	4.95	0.05	-0.02	-1.31	-1.31	-0.02	0.03
		540	23.79	5.21	-13.32	-13.32	5.21	-0.08	0.03	-1.22	-1.22	0.03	0.03
444	1	522	22.16	2.96	-0.83	-0.81	2.94	-0.30	3.63	1.17	1.21	3.59	0.32
		523	24.52	2.56	0.14	0.16	2.55	0.18	4.20	1.50	1.54	4.17	0.31
		542	24.51	2.50	-0.83	-0.56	2.22	-0.92	4.29	1.35	1.50	4.14	0.64
		541	22.75	2.89	-1.70	-1.43	2.62	-1.08	3.82	1.04	1.21	3.65	0.67
444	2	522	59.11	13.12	-35.30	-35.27	13.09	-1.03	-3.59	-4.62	-4.61	-3.61	0.12
		523	60.00	12.44	-35.95	-35.95	12.44	0.23	-3.65	-4.72	-4.71	-3.67	0.12
		542	66.85	11.90	-38.75	-38.75	11.90	0.32	-0.10	-3.62	-3.62	-0.10	0.10
		541	66.01	12.38	-38.00	-37.99	12.38	0.35	-0.03	-3.51	-3.51	-0.03	0.09
444	3	522	8.98	2.28	-2.81	-2.80	2.27	-0.24	0.86	0.01	0.03	0.84	0.11
		523	9.28	2.07	-2.56	-2.56	2.07	0.05	1.02	0.10	0.11	1.01	0.10
		542	10.45	1.88	-3.06	-3.04	1.87	-0.27	1.25	0.13	0.17	1.21	0.20
		541	10.23	2.08	-3.27	-3.25	2.05	-0.37	1.12	0.05	0.09	1.07	0.21
444	4	522	22.08	5.29	-13.03	-13.01	5.28	-0.46	-1.28	-1.70	-1.70	-1.29	0.05
		523	22.38	5.00	-13.26	-13.26	5.00	0.07	-1.31	-1.74	-1.74	-1.31	0.05
		542	25.00	4.74	-14.36	-14.36	4.73	0.10	-0.04	-1.35	-1.35	-0.04	0.04
		541	24.71	4.95	-14.08	-14.08	4.95	0.05	-0.02	-1.31	-1.31	-0.02	0.04
445	1	523	24.53	2.56	0.13	0.14	2.55	0.17	4.20	1.50	1.54	4.17	0.31
		524	26.97	2.63	1.05	1.42	2.25	0.67	4.76	1.86	1.89	4.73	0.29
		543	26.26	2.26	0.29	0.65	1.90	-0.75	4.73	1.68	1.81	4.61	0.60
		542	24.52	2.50	-0.81	-0.54	2.23	-0.92	4.29	1.35	1.50	4.14	0.64
445	2	523	60.01	12.44	-35.95	-35.95	12.44	0.22	-3.65	-4.72	-4.71	-3.67	0.13
		524	59.16	12.03	-35.41	-35.37	11.99	1.36	-3.65	-4.69	-4.67	-3.67	0.13
		543	65.94	11.54	-38.26	-38.26	11.54	0.18	-0.10	-3.59	-3.59	-0.11	0.12
		542	66.84	11.89	-38.76	-38.75	11.89	0.32	-0.10	-3.62	-3.62	-0.10	0.11
445	3	523	9.28	2.07	-2.57	-2.57	2.07	0.05	1.02	0.10	0.11	1.01	0.10
		524	9.55	1.95	-2.17	-2.14	1.92	0.34	1.19	0.21	0.22	1.18	0.10
		543	10.56	1.74	-2.65	-2.65	1.73	-0.17	1.38	0.23	0.26	1.35	0.19
		542	10.45	1.88	-3.05	-3.04	1.87	-0.26	1.25	0.13	0.17	1.21	0.20
445	4	523	22.39	5.00	-13.26	-13.26	5.00	0.07	-1.31	-1.74	-1.74	-1.31	0.05
		524	22.06	4.83	-13.06	-13.04	4.81	0.55	-1.31	-1.73	-1.72	-1.31	0.05
		543	24.66	4.58	-14.18	-14.18	4.58	0.11	-0.04	-1.34	-1.34	-0.04	0.05



446	1	542	25.00	4.73	-14.36	-14.36	4.73	0.10	-0.04	-1.35	-1.35	-0.04	0.04
		524	26.98	2.62	1.04	1.41	2.25	0.67	4.76	1.86	1.89	4.73	0.29
		525	29.50	3.86	1.22	3.04	2.03	1.22	5.28	2.24	2.27	5.26	0.27
		544	28.00	2.57	1.28	2.20	1.64	-0.58	5.14	2.04	2.14	5.04	0.54
446	2	543	26.27	2.27	0.32	0.67	1.91	-0.75	4.73	1.68	1.81	4.61	0.60
		524	59.17	12.03	-35.42	-35.38	11.99	1.35	-3.65	-4.69	-4.67	-3.67	0.13
		525	56.56	11.91	-33.68	-33.55	11.78	2.43	-3.60	-4.52	-4.51	-3.61	0.13
		544	63.31	11.34	-36.51	-36.51	11.34	-0.02	-0.04	-3.43	-3.42	-0.05	0.14
446	3	543	65.93	11.54	-38.25	-38.25	11.54	0.18	-0.10	-3.59	-3.59	-0.11	0.13
		524	9.56	1.95	-2.17	-2.15	1.92	0.34	1.19	0.21	0.22	1.18	0.10
		525	9.82	1.96	-1.64	-1.52	1.84	0.64	1.35	0.34	0.35	1.34	0.09
		544	10.59	1.64	-2.06	-2.05	1.64	-0.08	1.51	0.35	0.37	1.49	0.17
446	4	543	10.56	1.74	-2.65	-2.64	1.73	-0.17	1.39	0.23	0.26	1.35	0.19
		524	22.06	4.83	-13.06	-13.05	4.81	0.54	-1.31	-1.73	-1.72	-1.31	0.05
		525	21.10	4.79	-12.42	-12.37	4.73	1.00	-1.28	-1.67	-1.66	-1.29	0.05
		544	23.68	4.51	-13.53	-13.53	4.51	0.09	-0.02	-1.28	-1.28	-0.02	0.06
447	1	543	24.65	4.58	-14.17	-14.17	4.58	0.11	-0.04	-1.34	-1.34	-0.04	0.05
		525	29.51	3.84	1.21	3.02	2.03	1.21	5.29	2.24	2.27	5.26	0.27
		526	32.11	5.89	1.04	5.05	1.88	1.83	5.76	2.65	2.67	5.75	0.24
		545	29.75	4.21	1.37	4.15	1.43	-0.39	5.49	2.42	2.49	5.42	0.46
447	2	544	28.02	2.60	1.29	2.23	1.66	-0.58	5.14	2.04	2.14	5.04	0.54
		525	56.59	11.90	-33.69	-33.57	11.77	2.42	-3.59	-4.53	-4.51	-3.61	0.14
		526	52.25	12.11	-30.76	-30.47	11.81	3.53	-3.48	-4.23	-4.20	-3.50	0.13
		545	58.98	11.31	-33.49	-33.49	11.31	-0.21	0.08	-3.13	-3.12	0.08	0.16
447	3	544	63.29	11.34	-36.48	-36.48	11.34	-0.02	-0.04	-3.43	-3.42	-0.05	0.15
		525	9.83	1.95	-1.65	-1.53	1.84	0.64	1.35	0.34	0.35	1.34	0.09
		526	10.14	2.13	-1.02	-0.70	1.81	0.96	1.50	0.48	0.49	1.49	0.08
		545	10.58	1.58	-1.25	-1.25	1.58	0.02	1.63	0.48	0.50	1.61	0.15
447	4	544	10.59	1.64	-2.04	-2.04	1.64	-0.08	1.51	0.35	0.37	1.49	0.17
		525	21.11	4.78	-12.43	-12.37	4.73	1.00	-1.28	-1.67	-1.66	-1.29	0.05
		526	19.53	4.88	-11.36	-11.23	4.75	1.46	-1.24	-1.56	-1.55	-1.25	0.05
		545	22.08	4.51	-12.40	-12.40	4.51	0.07	0.03	-1.17	-1.16	0.02	0.06
448	1	544	23.67	4.51	-13.51	-13.51	4.51	0.09	-0.02	-1.28	-1.28	-0.02	0.06
		526	32.12	5.87	1.04	5.03	1.87	1.83	5.77	2.65	2.67	5.75	0.24
		527	34.80	8.48	0.80	7.52	1.76	2.54	6.17	3.08	3.09	6.16	0.20
		546	31.55	6.54	1.24	6.54	1.24	-0.17	5.77	2.81	2.85	5.73	0.35
448	2	545	29.78	4.24	1.39	4.18	1.44	-0.39	5.49	2.42	2.49	5.42	0.46
		526	52.28	12.09	-30.79	-30.50	11.80	3.52	-3.47	-4.23	-4.20	-3.50	0.14
		527	46.30	12.68	-26.70	-26.12	12.10	4.73	-3.29	-3.80	-3.77	-3.33	0.13
		546	52.99	11.47	-29.18	-29.18	11.47	-0.33	0.27	-2.69	-2.68	0.26	0.18
448	3	545	58.95	11.33	-33.44	-33.44	11.33	-0.21	0.08	-3.13	-3.12	0.08	0.17
		526	10.15	2.13	-1.03	-0.71	1.81	0.96	1.50	0.48	0.49	1.49	0.08
		527	10.58	2.59	-0.41	0.35	1.82	1.31	1.63	0.64	0.65	1.63	0.07
		546	10.61	1.58	-0.23	-0.22	1.57	0.13	1.72	0.63	0.64	1.71	0.12
448	4	545	10.59	1.59	-1.24	-1.24	1.59	0.02	1.63	0.48	0.50	1.61	0.15
		526	19.54	4.88	-11.37	-11.24	4.75	1.46	-1.24	-1.56	-1.55	-1.25	0.05
		527	17.37	5.15	-9.87	-9.61	4.89	1.96	-1.17	-1.40	-1.39	-1.19	0.05
		546	19.89	4.60	-10.80	-10.80	4.60	0.08	0.10	-1.00	-1.00	0.09	0.07
449	1	545	22.07	4.52	-12.39	-12.38	4.52	0.07	0.03	-1.17	-1.16	0.02	0.06
		527	34.81	8.45	0.80	7.49	1.76	2.54	6.18	3.08	3.09	6.16	0.20
		528	37.63	11.64	0.53	10.51	1.67	3.37	6.48	3.53	3.53	6.48	0.14
		547	33.51	9.43	1.06	9.43	1.06	0.09	5.95	3.20	3.22	5.94	0.20
449	2	546	31.59	6.58	1.26	6.58	1.26	-0.17	5.77	2.81	2.85	5.73	0.35
		527	46.34	12.66	-26.73	-26.16	12.09	4.72	-3.29	-3.81	-3.77	-3.33	0.14
		528	38.91	13.75	-21.56	-20.47	12.66	6.11	-3.01	-3.29	-3.19	-3.11	0.14
		547	45.46	11.81	-23.55	-23.54	11.81	-0.29	0.53	-2.11	-2.10	0.51	0.19
449	3	546	52.95	11.49	-29.11	-29.11	11.49	-0.32	0.27	-2.69	-2.68	0.26	0.19
		527	10.58	2.58	-0.42	0.34	1.82	1.31	1.63	0.64	0.65	1.63	0.07
		528	11.22	3.48	0.05	1.66	1.88	1.71	1.74	0.82	0.82	1.74	0.05
		547	10.76	1.69	0.95	1.06	1.58	0.26	1.80	0.79	0.79	1.79	0.08
449	4	546	10.62	1.58	-0.21	-0.20	1.57	0.13	1.73	0.63	0.64	1.71	0.12
		527	17.39	5.14	-9.89	-9.63	4.88	1.95	-1.17	-1.40	-1.38	-1.19	0.05
		528	14.72	5.62	-8.01	-7.52	5.13	2.52	-1.08	-1.20	-1.17	-1.10	0.05
		547	17.14	4.76	-8.71	-8.71	4.76	0.15	0.19	-0.79	-0.78	0.18	0.07
450	1	546	19.88	4.61	-10.78	-10.78	4.61	0.09	0.10	-1.00	-1.00	0.09	0.07
		528	37.62	11.61	0.53	10.47	1.66	3.36	6.49	3.53	3.53	6.48	0.14
		529	40.71	15.47	0.21	14.13	1.56	4.33	6.65	3.98	3.99	6.65	0.07
		548	35.80	12.91	0.85	12.90	0.86	0.38	6.02	3.59	3.59	6.02	0.01
450	2	547	33.56	9.47	1.08	9.47	1.08	0.10	5.96	3.21	3.22	5.94	0.21
		528	38.96	13.73	-21.61	-20.52	12.64	6.10	-3.00	-3.30	-3.19	-3.10	0.14
		529	32.08	15.56	-15.56	-13.49	13.49	7.76	-2.44	-2.87	-2.49	-2.82	0.14
		548	36.71	12.34	-16.55	-16.55	12.34	-0.04	0.84	-1.40	-1.38	0.82	0.21
450	3	547	45.42	11.85	-23.46	-23.46	11.85	-0.28	0.53	-2.12	-2.10	0.51	0.20
		528	11.22	3.47	0.05	1.64	1.87	1.71	1.74	0.82	0.82	1.74	0.05
		529	12.17	4.87	0.34	3.25	1.96	2.17	1.81	1.01	1.01	1.81	0.03
		548	11.18	2.77	1.46	2.61	1.61	0.42	1.84	0.96	0.96	1.84	0.02
		547	10.77	1.70	0.96	1.08	1.59	0.27	1.80	0.79	0.79	1.79	0.08



450	4	528	14.74	5.61	-8.02	-7.54	5.13	2.52	-1.07	-1.20	-1.17	-1.10	0.05
		529	12.29	6.39	-5.83	-4.94	5.50	3.19	-0.89	-1.02	-0.91	-1.00	0.05
		548	13.99	5.02	-6.12	-6.12	5.01	0.30	0.30	-0.52	-0.52	0.30	0.08
		547	17.13	4.78	-8.68	-8.68	4.78	0.16	0.19	-0.79	-0.78	0.18	0.07
451	1	529	40.68	15.43	0.20	14.09	1.55	4.32	6.66	3.98	3.98	6.66	0.07
		530	44.28	20.09	-0.20	18.50	1.39	5.45	6.64	4.44	4.44	6.64	-0.03
		549	38.78	17.09	0.57	17.06	0.60	0.69	5.98	3.93	3.96	5.95	-0.24
		548	35.90	12.96	0.88	12.95	0.89	0.40	6.03	3.60	3.60	6.03	0.02
451	2	529	32.04	15.53	-15.61	-13.55	13.46	7.74	-2.43	-2.88	-2.48	-2.82	0.15
		530	31.53	18.61	-9.14	-5.12	14.59	9.77	-1.63	-2.51	-1.65	-2.49	0.14
		549	27.77	13.06	-8.16	-8.15	13.04	0.52	1.21	-0.55	-0.53	1.18	0.22
		548	36.71	12.39	-16.44	-16.44	12.39	-8.77e-03	0.84	-1.41	-1.39	0.82	0.21
451	3	529	12.17	4.85	0.33	3.23	1.96	2.17	1.81	1.01	1.01	1.81	0.03
		530	13.57	6.73	0.49	5.16	2.06	2.71	1.83	1.20	1.20	1.83	2.43e-03
		549	12.06	4.60	1.52	4.47	1.65	0.61	1.85	1.12	1.13	1.84	-0.06
		548	11.21	2.79	1.47	2.63	1.62	0.43	1.84	0.96	0.96	1.84	0.02
451	4	529	12.28	6.38	-5.85	-4.96	5.49	3.18	-0.88	-1.02	-0.91	-1.00	0.05
		530	12.24	7.64	-3.52	-1.84	5.97	3.99	-0.59	-0.89	-0.60	-0.88	0.05
		549	10.82	5.38	-3.04	-3.00	5.34	0.56	0.44	-0.21	-0.20	0.43	0.08
		548	13.99	5.04	-6.08	-6.08	5.03	0.31	0.30	-0.53	-0.52	0.30	0.08
452	1	530	44.20	20.04	-0.21	18.46	1.38	5.44	6.64	4.43	4.43	6.64	-0.04
		531	48.83	25.67	-0.72	23.82	1.13	6.74	6.40	4.87	4.89	6.38	-0.16
		550	42.94	22.09	0.22	22.04	0.26	0.98	5.89	4.09	4.30	5.68	-0.57
		549	38.95	17.14	0.61	17.11	0.64	0.72	5.99	3.96	3.99	5.96	-0.23
452	2	530	31.45	18.54	-9.20	-5.20	14.55	9.74	-1.61	-2.51	-1.64	-2.49	0.15
		531	32.12	23.75	-3.15	4.67	15.94	12.21	-0.68	-2.12	-0.69	-2.11	0.14
		550	22.16	14.08	1.54	1.71	13.91	1.45	1.65	0.43	0.48	1.60	0.23
		549	27.86	13.14	-8.03	-8.02	13.12	0.57	1.20	-0.59	-0.56	1.18	0.22
452	3	530	13.55	6.71	0.48	5.14	2.05	2.70	1.83	1.20	1.20	1.83	9.49e-04
		531	15.59	9.06	0.55	7.46	2.15	3.33	1.78	1.41	1.41	1.78	-0.04
		550	13.60	6.81	1.55	6.68	1.69	0.82	1.84	1.26	1.31	1.79	-0.15
		549	12.11	4.63	1.54	4.49	1.67	0.63	1.85	1.13	1.14	1.85	-0.05
452	4	530	12.21	7.62	-3.54	-1.87	5.95	3.98	-0.58	-0.89	-0.59	-0.87	0.06
		531	12.62	9.65	-1.33	1.78	6.54	4.95	-0.24	-0.74	-0.24	-0.73	0.05
		550	8.90	5.91	0.48	0.65	5.73	0.96	0.60	0.16	0.17	0.59	0.09
		549	10.86	5.41	-2.99	-2.95	5.37	0.58	0.44	-0.22	-0.21	0.43	0.08
453	1	531	48.59	25.60	-0.75	23.76	1.10	6.72	6.40	4.83	4.85	6.38	-0.17
		532	55.14	32.42	-1.38	30.30	0.74	8.20	5.95	5.16	5.32	5.79	-0.32
		551	48.93	28.07	-0.26	28.02	-0.21	1.20	5.92	3.82	4.59	5.15	-1.01
		550	43.33	22.14	0.27	22.10	0.32	1.03	5.90	4.19	4.38	5.71	-0.54
453	2	531	31.98	23.63	-3.19	4.56	15.88	12.16	-0.62	-2.11	-0.63	-2.10	0.15
		532	34.45	31.95	1.53	15.92	17.56	15.19	0.38	-1.70	0.37	-1.69	0.15
		551	26.58	16.98	11.03	13.10	14.91	2.83	2.19	1.55	1.67	2.07	0.25
		550	22.31	14.24	1.68	1.87	14.04	1.55	1.62	0.34	0.38	1.58	0.22
453	3	531	15.52	9.03	0.54	7.43	2.14	3.32	1.79	1.40	1.40	1.78	-0.04
		532	18.42	11.90	0.55	10.21	2.23	4.04	1.71	1.54	1.62	1.64	-0.08
		551	16.01	9.44	1.56	9.30	1.70	1.04	1.87	1.28	1.48	1.67	-0.28
		550	13.70	6.85	1.58	6.71	1.72	0.85	1.84	1.28	1.32	1.80	-0.14
453	4	531	12.57	9.61	-1.35	1.74	6.51	4.93	-0.22	-0.74	-0.22	-0.73	0.06
		532	13.62	12.72	0.44	5.95	7.22	6.11	0.16	-0.58	0.15	-0.58	0.06
		551	10.47	7.18	3.87	4.88	6.18	1.53	0.81	0.57	0.61	0.76	0.09
		550	8.97	5.97	0.53	0.72	5.78	1.00	0.59	0.12	0.14	0.58	0.08
454	1	532	54.44	32.32	-1.44	30.23	0.65	8.14	5.93	5.03	5.21	5.76	-0.35
		533	64.24	40.60	-2.10	38.18	0.32	9.88	5.93	4.56	5.71	4.78	-0.51
		552	57.11	35.27	-0.91	35.22	-0.86	1.31	6.05	2.86	4.69	4.22	-1.57
		551	50.08	28.13	-0.14	28.07	-0.08	1.30	6.00	4.07	4.83	5.24	-0.94
454	2	532	34.19	31.70	1.51	15.80	17.41	15.08	0.57	-1.67	0.56	-1.66	0.14
		533	47.98	43.42	4.63	28.51	19.54	18.87	1.45	-1.23	1.44	-1.21	0.23
		552	41.46	28.09	13.97	26.20	15.86	4.81	3.25	2.42	3.14	2.53	0.28
		551	25.89	17.41	11.07	13.31	15.17	3.03	2.07	1.27	1.34	2.01	0.21
454	3	532	18.25	11.85	0.53	10.18	2.19	4.01	1.71	1.52	1.60	1.63	-0.09
		533	22.30	15.30	0.51	13.48	2.33	4.86	1.85	1.34	1.81	1.37	-0.13
		552	19.34	12.56	1.50	12.41	1.65	1.27	1.98	1.07	1.62	1.43	-0.45
		551	16.26	9.49	1.60	9.33	1.76	1.09	1.89	1.33	1.53	1.69	-0.26
454	4	532	13.53	12.63	0.43	5.91	7.16	6.06	0.22	-0.57	0.22	-0.57	0.05
		533	18.46	16.96	1.68	10.61	8.02	7.53	0.55	-0.41	0.55	-0.40	0.09
		552	15.79	10.96	5.38	9.74	6.60	2.31	1.20	0.89	1.16	0.93	0.10
		551	10.25	7.35	3.88	4.96	6.28	1.61	0.76	0.47	0.49	0.73	0.08
455	1	533	61.49	40.46	-2.24	38.11	0.12	9.74	5.53	4.32	5.21	4.64	-0.53
		534	76.81	49.90	-2.49	47.05	0.35	11.87	6.38	3.66	6.23	3.82	-0.63
		553	67.21	44.44	-1.90	44.37	-1.82	1.84	5.48	0.68	4.10	2.06	-2.18
		552	61.24	35.48	-0.61	35.42	-0.55	1.51	6.53	3.49	5.54	4.48	-1.43
455	2	533	48.50	42.78	4.71	28.46	19.03	18.44	1.86	-1.12	1.86	-1.11	0.15
		534	68.38	57.39	6.38	40.99	22.79	23.83	2.77	-0.23	2.67	-0.13	0.54
		553	65.07	44.31	13.04	41.83	15.53	8.45	5.02	2.24	4.98	2.29	0.36
		552	37.29	28.84	14.47	26.61	16.70	5.20	2.42	1.92	2.07	2.27	0.23
455	3	533	21.61	15.22	0.46	13.45	2.23	4.79	1.75	1.29	1.70	1.34	-0.15



		534	27.39	19.14	0.55	17.04	2.65	5.88	2.08	1.14	2.06	1.16	-0.14
		553	23.63	16.49	1.20	16.29	1.40	1.74	1.92	0.43	1.58	0.77	-0.62
		552	20.24	12.67	1.64	12.50	1.81	1.37	2.07	1.20	1.79	1.48	-0.41
455	4	533	18.59	16.71	1.72	10.59	7.83	7.37	0.71	-0.36	0.70	-0.36	0.06
		534	26.10	22.15	2.39	15.24	9.30	9.42	1.05	-0.05	1.01	-6.07e-03	0.20
		553	24.37	16.86	5.21	15.53	6.54	3.70	1.86	0.82	1.85	0.84	0.13
		552	14.34	11.28	5.53	9.89	6.92	2.47	0.89	0.71	0.76	0.83	0.09
456	1	534	67.96	52.45	-1.64	49.34	1.47	12.58	4.24	3.63	4.09	3.78	-0.27
		136	96.85	49.38	-1.98	43.06	4.33	16.87	11.54	4.46	10.97	5.03	-1.92
		98	97.86	72.26	-5.65	71.20	-4.58	9.05	4.38	-2.41	3.23	-1.27	-2.54
		553	76.50	42.02	-2.51	42.00	-2.50	0.77	6.64	0.92	5.94	1.62	-1.88
456	2	534	67.22	57.08	5.86	40.26	22.69	24.05	2.62	-6.30e-03	2.52	0.09	0.50
		136	97.01	63.92	6.81	42.88	27.84	27.55	8.92	5.18	8.91	5.19	0.05
		98	116.21	73.52	2.63	63.61	12.53	24.58	8.09	0.17	8.05	0.20	0.55
		553	52.89	48.06	14.81	45.84	17.03	8.30	2.00	0.60	1.69	0.92	0.58
456	3	534	25.02	19.87	0.77	17.66	2.97	6.10	1.43	1.16	1.42	1.17	-0.04
		136	35.22	19.78	0.46	15.97	4.26	7.68	4.07	1.77	3.92	1.92	-0.57
		98	36.25	26.89	-0.56	25.89	0.44	5.13	1.79	-0.61	1.56	-0.38	-0.71
		553	25.36	16.03	1.18	15.89	1.33	1.44	2.05	0.36	1.88	0.53	-0.52
456	4	534	25.67	22.04	2.19	14.97	9.26	9.50	0.99	0.04	0.96	0.07	0.18
		136	36.69	24.67	2.48	15.92	11.23	10.85	3.31	1.97	3.31	1.97	0.01
		98	43.37	27.88	1.27	23.64	5.51	9.74	3.00	0.04	2.99	0.06	0.21
		553	19.93	18.24	5.90	17.03	7.11	3.67	0.73	0.21	0.62	0.32	0.21
457	1	6	12.99	10.14	-0.18	1.36	8.61	-3.67	0.52	-0.55	-0.25	0.23	0.48
		535	15.55	8.35	-4.29	-3.16	7.23	-3.61	1.50	-0.21	0.31	0.98	0.79
		554	14.37	7.28	-0.90	-0.22	6.60	-2.26	0.71	-1.13	-0.44	0.02	0.89
		58	18.65	9.21	-2.29	-1.56	8.47	-2.82	1.28	-0.75	0.44	0.08	1.00
457	2	6	43.41	23.88	-15.66	-1.31	9.54	-19.01	4.69	1.57	4.68	1.58	-0.10
		535	46.81	33.52	-15.23	2.65	15.64	-23.49	0.23	-2.73	-2.71	0.21	0.20
		554	33.05	19.91	-16.02	-8.37	12.27	-14.70	-0.63	-1.19	-0.64	-1.18	-0.08
		58	40.08	27.60	-13.39	1.65	12.56	-19.75	2.29	0.90	2.26	0.93	-0.21
457	3	6	7.71	5.87	-1.39	0.32	4.16	-3.08	0.39	0.10	0.27	0.22	0.14
		535	8.77	5.87	-2.45	-0.71	4.13	-3.39	0.44	-0.22	-0.10	0.32	0.25
		554	7.71	4.62	-1.70	-0.69	3.62	-2.31	0.16	-0.37	-0.15	-0.05	0.26
		58	9.59	5.73	-1.76	-0.34	4.31	-2.93	0.47	-0.15	0.25	0.07	0.29
457	4	6	17.09	9.99	-6.03	-0.47	4.43	-7.63	1.74	0.62	1.73	0.62	-0.03
		535	18.57	13.51	-5.88	1.01	6.62	-9.28	0.10	-1.00	-1.00	0.10	0.08
		554	13.39	8.42	-6.23	-3.11	5.30	-6.00	-0.21	-0.41	-0.21	-0.41	-0.03
		58	15.88	11.39	-5.25	0.61	5.52	-7.95	0.80	0.32	0.79	0.32	-0.06
458	1	535	13.81	8.52	-2.64	-1.81	7.69	-2.94	1.10	-0.59	-0.19	0.70	0.72
		536	14.50	6.67	-2.70	-2.19	6.15	-2.13	1.67	-0.05	0.33	1.29	0.71
		555	13.28	5.88	-1.97	-1.60	5.51	-1.67	0.91	-0.96	-0.21	0.17	0.92
		554	14.85	7.23	-1.90	-1.09	6.42	-2.60	0.93	-0.86	-0.09	0.16	0.89
458	2	535	45.61	30.05	-20.33	-3.98	13.69	-23.59	1.80	1.38	1.52	1.65	0.20
		536	55.91	26.32	-24.88	-14.00	15.43	-20.95	1.00	-2.05	-2.04	0.99	-0.13
		555	35.37	17.09	-17.93	-12.57	11.73	-12.61	-1.60	-2.82	-1.66	-2.77	-0.26
		554	32.02	20.92	-13.31	-5.60	13.21	-14.30	-1.66	-1.94	-1.80	-1.81	-0.14
458	3	535	8.43	5.67	-2.37	-0.82	4.12	-3.18	0.46	-0.08	0.05	0.33	0.23
		536	7.98	4.80	-2.78	-1.68	3.69	-2.67	0.52	-0.14	-0.06	0.44	0.21
		555	7.22	3.84	-2.10	-1.41	3.15	-1.90	0.12	-0.41	-0.18	-0.11	0.26
		554	7.81	4.68	-1.79	-0.74	3.63	-2.39	0.16	-0.36	-0.15	-0.05	0.26
458	4	535	18.04	12.22	-7.78	-1.46	5.90	-9.29	0.67	0.50	0.56	0.61	0.08
		536	21.67	10.72	-9.46	-5.18	6.44	-8.25	0.36	-0.77	-0.76	0.36	-0.04
		555	13.95	7.22	-6.89	-4.66	4.99	-5.15	-0.59	-1.00	-0.61	-0.98	-0.09
		554	12.97	8.80	-5.23	-2.07	5.64	-5.85	-0.60	-0.69	-0.65	-0.63	-0.05
459	1	536	14.71	6.76	-2.64	-2.17	6.29	-2.07	1.50	-0.25	0.07	1.18	0.68
		537	16.17	5.40	-2.61	-2.42	5.21	-1.21	1.98	0.06	0.37	1.66	0.71
		556	11.87	4.59	-2.10	-1.95	4.45	-0.98	1.19	-0.77	-0.05	0.47	0.95
		555	13.37	5.79	-2.02	-1.62	5.40	-1.72	1.03	-0.84	-0.07	0.26	0.92
459	2	536	49.46	25.87	-24.80	-14.08	15.15	-20.69	1.36	-0.39	-0.38	1.36	0.05
		537	55.99	21.51	-28.37	-21.73	14.87	-16.94	0.81	-2.06	-2.06	0.81	-0.08
		556	38.40	14.54	-23.05	-20.21	11.70	-9.93	-2.70	-3.42	-2.75	-3.37	-0.18
		555	34.52	17.09	-17.94	-12.82	11.97	-12.38	-2.33	-2.95	-2.42	-2.86	-0.21
459	3	536	7.75	4.78	-2.75	-1.68	3.72	-2.63	0.52	-0.10	-0.02	0.44	0.21
		537	8.28	3.93	-2.98	-2.33	3.28	-2.02	0.61	-0.12	-0.05	0.54	0.21
		556	6.42	3.12	-2.48	-2.10	2.73	-1.42	0.15	-0.42	-0.21	-0.06	0.27
		555	7.17	3.82	-2.13	-1.44	3.13	-1.90	0.13	-0.41	-0.19	-0.09	0.26
459	4	536	19.32	10.55	-9.42	-5.21	6.34	-8.15	0.49	-0.15	-0.15	0.49	0.02
		537	21.49	8.79	-10.69	-8.04	6.14	-6.68	0.29	-0.77	-0.77	0.29	-0.02
		556	14.74	6.10	-8.73	-7.51	4.88	-4.07	-0.99	-1.22	-1.01	-1.20	-0.06
		555	13.53	7.22	-6.90	-4.76	5.08	-5.06	-0.85	-1.05	-0.89	-1.02	-0.07
460	1	537	16.27	5.42	-2.59	-2.41	5.24	-1.19	1.93	-5.94e-03	0.28	1.64	0.69
		538	18.22	4.39	-2.53	-2.51	4.37	-0.33	2.40	0.25	0.52	2.14	0.71
		557	13.02	3.63	-2.12	-2.10	3.62	-0.31	1.42	-0.61	0.07	0.74	0.96
		556	11.97	4.58	-2.12	-1.97	4.43	-0.99	1.22	-0.74	-3.81e-03	0.49	0.95
460	2	537	53.55	21.43	-28.38	-21.83	14.88	-16.84	0.92	-1.55	-1.55	0.92	6.79e-03
		538	58.30	18.06	-31.60	-27.84	14.30	-13.14	0.53	-2.47	-2.47	0.53	-0.02



		557	45.57	12.83	-27.88	-26.41	11.35	-7.61	-3.53	-3.89	-3.58	-3.84	-0.12
		556	39.77	14.52	-23.04	-20.20	11.68	-9.93	-2.94	-3.49	-3.02	-3.41	-0.20
460	3	537	8.24	3.93	-2.97	-2.33	3.29	-2.00	0.61	-0.11	-0.04	0.54	0.21
		538	8.81	3.22	-3.13	-2.81	2.90	-1.39	0.72	-0.10	-0.04	0.66	0.21
		557	5.67	2.55	-2.79	-2.61	2.37	-0.96	0.17	-0.43	-0.24	-0.02	0.28
		556	6.40	3.11	-2.49	-2.10	2.72	-1.42	0.15	-0.43	-0.22	-0.06	0.28
460	4	537	20.60	8.76	-10.70	-8.08	6.14	-6.64	0.33	-0.58	-0.58	0.33	9.00e-03
		538	22.16	7.36	-11.83	-10.31	5.84	-5.18	0.19	-0.93	-0.93	0.19	-5.97e-04
		557	17.24	5.31	-10.46	-9.82	4.67	-3.13	-1.30	-1.39	-1.32	-1.37	-0.04
		556	15.24	6.09	-8.72	-7.50	4.87	-4.07	-1.08	-1.25	-1.11	-1.22	-0.07
461	1	538	18.25	4.40	-2.52	-2.50	4.39	-0.32	2.39	0.23	0.49	2.13	0.70
		539	20.39	3.72	-2.45	-2.40	3.67	0.53	2.87	0.49	0.72	2.64	0.70
		558	14.04	2.95	-2.05	-2.03	2.93	0.33	1.63	-0.44	0.21	0.99	0.96
		557	13.00	3.63	-2.13	-2.11	3.61	-0.31	1.43	-0.60	0.09	0.74	0.96
461	2	538	57.55	18.03	-31.66	-27.93	14.30	-13.10	0.57	-2.32	-2.32	0.57	0.01
		539	61.48	15.57	-34.48	-32.55	13.65	-9.63	0.28	-2.92	-2.92	0.28	0.03
		558	51.62	11.64	-31.90	-31.19	10.93	-5.50	-4.13	-4.27	-4.17	-4.23	-0.07
		557	46.05	12.82	-27.85	-26.37	11.34	-7.61	-3.58	-3.93	-3.66	-3.86	-0.14
461	3	538	8.81	3.22	-3.13	-2.81	2.91	-1.38	0.72	-0.10	-0.04	0.66	0.21
		539	9.41	2.68	-3.23	-3.13	2.57	-0.79	0.85	-0.07	-0.01	0.80	0.22
		558	6.21	2.13	-3.02	-2.96	2.07	-0.54	0.21	-0.42	-0.24	0.03	0.29
		557	5.67	2.55	-2.80	-2.62	2.37	-0.97	0.17	-0.43	-0.24	-0.02	0.28
461	4	538	21.89	7.35	-11.85	-10.34	5.84	-5.17	0.20	-0.87	-0.87	0.20	0.01
		539	23.20	6.31	-12.85	-12.06	5.52	-3.80	0.10	-1.09	-1.09	0.10	0.02
		558	19.38	4.75	-11.91	-11.60	4.44	-2.27	-1.50	-1.55	-1.54	-1.52	-0.02
		557	17.41	5.31	-10.45	-9.80	4.66	-3.13	-1.32	-1.41	-1.35	-1.38	-0.05
462	1	539	20.40	3.73	-2.44	-2.39	3.68	0.54	2.87	0.48	0.71	2.64	0.70
		540	22.60	3.45	-2.41	-2.06	3.09	1.40	3.36	0.75	0.95	3.15	0.70
		559	14.92	2.56	-1.92	-1.72	2.36	0.93	1.84	-0.24	0.35	1.24	0.94
		558	14.04	2.95	-2.06	-2.04	2.93	0.33	1.64	-0.43	0.21	0.99	0.96
462	2	539	61.27	15.56	-34.53	-32.61	13.64	-9.61	0.29	-2.87	-2.87	0.29	0.04
		540	64.31	13.81	-36.74	-35.92	12.99	-6.39	0.08	-3.29	-3.28	0.08	0.06
		559	56.16	10.78	-34.91	-34.63	10.50	-3.61	-4.52	-4.60	-4.60	-4.52	-0.02
		558	51.76	11.64	-31.87	-31.16	10.93	-5.51	-4.13	-4.31	-4.20	-4.23	-0.09
462	3	539	9.41	2.68	-3.23	-3.13	2.57	-0.79	0.85	-0.07	-0.01	0.80	0.22
		540	9.99	2.29	-3.28	-3.27	2.29	-0.22	0.98	-0.02	0.03	0.93	0.22
		559	6.58	1.82	-3.14	-3.13	1.81	-0.14	0.25	-0.40	-0.23	0.08	0.28
		558	6.20	2.12	-3.02	-2.96	2.07	-0.54	0.21	-0.42	-0.24	0.03	0.28
462	4	539	23.12	6.31	-12.87	-12.08	5.52	-3.79	0.10	-1.07	-1.07	0.10	0.02
		540	24.15	5.56	-13.65	-13.31	5.22	-2.52	0.03	-1.23	-1.23	0.02	0.03
		559	21.01	4.35	-13.01	-12.88	4.22	-1.49	-1.62	-1.70	-1.70	-1.62	-1.04e-03
		558	19.44	4.75	-11.90	-11.59	4.44	-2.27	-1.50	-1.56	-1.55	-1.52	-0.03
463	1	540	22.60	3.46	-2.40	-2.04	3.10	1.40	3.35	0.75	0.95	3.15	0.70
		541	24.82	3.62	-2.46	-1.45	2.61	2.26	3.84	1.04	1.22	3.66	0.68
		560	15.66	2.52	-1.77	-1.14	1.89	1.52	2.03	-0.03	0.52	1.48	0.91
		559	14.92	2.56	-1.93	-1.73	2.36	0.93	1.84	-0.24	0.36	1.24	0.94
463	2	540	64.25	13.80	-36.77	-35.96	12.98	-6.38	0.09	-3.27	-3.27	0.09	0.06
		541	66.17	12.61	-38.20	-37.97	12.39	-3.37	-0.05	-3.52	-3.52	-0.05	0.09
		560	59.07	10.16	-36.83	-36.76	10.08	-1.90	-4.72	-4.88	-4.87	-4.73	0.03
		559	56.20	10.78	-34.89	-34.60	10.49	-3.61	-4.52	-4.62	-4.61	-4.53	-0.03
463	3	540	9.99	2.30	-3.28	-3.27	2.29	-0.22	0.98	-0.02	0.03	0.93	0.22
		541	10.52	2.07	-3.27	-3.25	2.05	0.33	1.12	0.05	0.09	1.08	0.21
		560	6.78	1.61	-3.14	-3.13	1.60	0.23	0.30	-0.36	-0.20	0.14	0.28
		559	6.58	1.81	-3.14	-3.13	1.81	-0.14	0.25	-0.40	-0.23	0.08	0.28
463	4	540	24.13	5.55	-13.66	-13.32	5.22	-2.52	0.03	-1.22	-1.22	0.03	0.03
		541	24.78	5.04	-14.16	-14.07	4.95	-1.33	-0.02	-1.31	-1.31	-0.02	0.04
		560	22.06	4.06	-13.71	-13.68	4.03	-0.79	-1.70	-1.80	-1.80	-1.70	0.02
		559	21.03	4.35	-13.00	-12.88	4.22	-1.49	-1.62	-1.70	-1.70	-1.62	-5.50e-03
464	1	541	24.82	3.63	-2.44	-1.43	2.62	2.26	3.84	1.04	1.22	3.66	0.68
		542	27.04	4.26	-2.60	-0.56	2.22	3.14	4.32	1.35	1.51	4.17	0.65
		561	16.30	2.88	-1.66	-0.27	1.49	2.09	2.20	0.20	0.71	1.70	0.87
		560	15.66	2.51	-1.78	-1.15	1.88	1.52	2.03	-0.03	0.52	1.48	0.91
464	2	541	66.16	12.61	-38.22	-38.00	12.38	-3.37	-0.05	-3.52	-3.52	-0.05	0.08
		542	66.81	11.90	-38.76	-38.75	11.89	-0.53	-0.12	-3.63	-3.63	-0.12	0.11
		561	60.28	9.73	-37.61	-37.61	9.73	-0.34	-4.81	-5.03	-4.99	-4.84	0.08
		560	59.08	10.16	-36.82	-36.74	10.08	-1.90	-4.73	-4.88	-4.87	-4.73	0.02
464	3	541	10.52	2.08	-3.27	-3.25	2.05	0.33	1.12	0.05	0.09	1.08	0.21
		542	10.98	2.02	-3.19	-3.04	1.87	0.87	1.26	0.13	0.17	1.22	0.21
		561	6.79	1.50	-3.01	-2.94	1.42	0.58	0.34	-0.30	-0.15	0.20	0.27
		560	6.78	1.61	-3.14	-3.13	1.60	0.23	0.30	-0.35	-0.20	0.14	0.28
464	4	541	24.78	5.04	-14.17	-14.08	4.95	-1.33	-0.02	-1.31	-1.31	-0.02	0.04
		542	24.99	4.74	-14.36	-14.36	4.73	-0.21	-0.05	-1.35	-1.35	-0.05	0.04
		561	22.49	3.87	-14.00	-14.00	3.87	-0.14	-1.73	-1.85	-1.84	-1.74	0.03
		560	22.06	4.06	-13.71	-13.67	4.02	-0.79	-1.70	-1.80	-1.80	-1.70	0.01
465	1	542	27.04	4.27	-2.58	-0.54	2.23	3.14	4.32	1.35	1.51	4.17	0.65
		543	29.24	5.37	-2.82	0.64	1.90	4.04	4.77	1.69	1.82	4.65	0.61
		562	16.87	3.70	-1.64	0.91	1.15	2.67	2.34	0.46	0.91	1.89	0.80



		561	16.30	2.87	-1.67	-0.29	1.48	2.09	2.20	0.20	0.71	1.70	0.87
465	2	542	66.80	11.90	-38.76	-38.76	11.89	-0.53	-0.12	-3.63	-3.62	-0.12	0.10
		543	66.11	11.63	-38.37	-38.27	11.53	2.20	-0.12	-3.60	-3.60	-0.12	0.13
		562	59.76	9.48	-37.23	-37.20	9.46	1.11	-4.77	-5.06	-4.97	-4.86	0.13
		561	60.28	9.73	-37.61	-37.61	9.72	-0.34	-4.81	-5.02	-4.99	-4.84	0.07
465	3	542	10.98	2.02	-3.19	-3.04	1.87	0.87	1.26	0.13	0.17	1.22	0.21
		543	11.39	2.14	-3.06	-2.65	1.73	1.41	1.40	0.23	0.26	1.36	0.19
		562	6.63	1.50	-2.76	-2.56	1.29	0.92	0.39	-0.22	-0.09	0.26	0.25
		561	6.79	1.50	-3.02	-2.94	1.42	0.58	0.34	-0.30	-0.15	0.20	0.27
465	4	542	24.98	4.73	-14.36	-14.36	4.73	-0.21	-0.05	-1.35	-1.35	-0.05	0.04
		543	24.72	4.62	-14.22	-14.18	4.58	0.86	-0.05	-1.34	-1.34	-0.05	0.05
		562	22.30	3.76	-13.86	-13.85	3.75	0.46	-1.72	-1.86	-1.83	-1.74	0.05
		561	22.50	3.87	-14.00	-14.00	3.86	-0.14	-1.73	-1.85	-1.84	-1.74	0.03
466	1	543	29.25	5.38	-2.80	0.67	1.91	4.04	4.77	1.69	1.82	4.65	0.61
		544	31.41	6.92	-3.07	2.20	1.65	4.99	5.20	2.05	2.15	5.10	0.55
		563	17.48	4.98	-1.70	2.42	0.86	3.25	2.44	0.74	1.12	2.05	0.71
		562	16.87	3.69	-1.65	0.89	1.15	2.67	2.34	0.46	0.91	1.89	0.80
466	2	543	66.09	11.63	-38.35	-38.25	11.54	2.20	-0.12	-3.60	-3.59	-0.12	0.12
		544	64.07	11.83	-37.01	-36.52	11.34	4.88	-0.06	-3.43	-3.43	-0.06	0.15
		563	57.51	9.43	-35.68	-35.54	9.29	2.50	-4.61	-4.97	-4.80	-4.78	0.18
		562	59.76	9.48	-37.23	-37.21	9.45	1.11	-4.78	-5.05	-4.97	-4.86	0.12
466	3	543	11.39	2.15	-3.05	-2.64	1.73	1.41	1.40	0.23	0.26	1.36	0.19
		544	11.77	2.47	-2.89	-2.06	1.64	1.95	1.53	0.35	0.38	1.50	0.18
		563	6.34	1.63	-2.42	-1.98	1.19	1.25	0.42	-0.13	-0.01	0.31	0.23
		562	6.63	1.50	-2.77	-2.56	1.29	0.92	0.39	-0.22	-0.09	0.26	0.25
466	4	543	24.72	4.62	-14.21	-14.17	4.58	0.86	-0.05	-1.34	-1.34	-0.05	0.05
		544	23.99	4.71	-13.73	-13.53	4.51	1.92	-0.02	-1.28	-1.28	-0.03	0.06
		563	21.47	3.75	-13.29	-13.23	3.69	1.03	-1.67	-1.82	-1.77	-1.72	0.07
		562	22.30	3.76	-13.86	-13.85	3.75	0.46	-1.72	-1.85	-1.83	-1.74	0.05
467	1	544	31.42	6.94	-3.05	2.23	1.66	4.99	5.20	2.05	2.15	5.10	0.55
		545	33.54	8.93	-3.35	4.14	1.43	5.99	5.57	2.44	2.51	5.50	0.47
		564	18.25	6.72	-1.81	4.29	0.62	3.85	2.48	1.05	1.35	2.17	0.58
		563	17.48	4.97	-1.71	2.40	0.86	3.25	2.44	0.74	1.12	2.05	0.71
467	2	544	64.03	11.83	-36.98	-36.49	11.34	4.87	-0.06	-3.43	-3.43	-0.06	0.14
		545	60.79	12.55	-34.74	-33.50	11.31	7.55	0.07	-3.13	-3.12	0.06	0.17
		564	53.56	9.60	-32.97	-32.61	9.25	3.89	-4.32	-4.78	-4.49	-4.61	0.22
		563	57.51	9.43	-35.69	-35.55	9.29	2.50	-4.62	-4.96	-4.80	-4.78	0.17
467	3	544	11.76	2.48	-2.88	-2.04	1.64	1.95	1.53	0.35	0.38	1.50	0.18
		545	12.14	3.04	-2.71	-1.25	1.58	2.50	1.65	0.48	0.50	1.63	0.15
		564	6.01	1.94	-2.01	-1.20	1.13	1.59	0.45	-0.02	0.08	0.36	0.19
		563	6.34	1.62	-2.42	-1.99	1.19	1.25	0.42	-0.13	-0.01	0.31	0.23
467	4	544	23.97	4.71	-13.72	-13.52	4.51	1.91	-0.02	-1.28	-1.28	-0.03	0.06
		545	22.82	5.02	-12.91	-12.40	4.51	2.97	0.02	-1.17	-1.16	0.02	0.06
		564	20.03	3.85	-12.30	-12.14	3.69	1.60	-1.57	-1.74	-1.65	-1.65	0.08
		563	21.47	3.75	-13.30	-13.23	3.69	1.03	-1.67	-1.81	-1.77	-1.72	0.07
468	1	545	33.56	8.96	-3.33	4.18	1.45	5.99	5.57	2.44	2.51	5.50	0.47
		546	35.66	11.41	-3.63	6.53	1.25	7.04	5.88	2.83	2.88	5.83	0.36
		565	19.36	8.90	-1.94	6.56	0.40	4.46	2.45	1.39	1.60	2.25	0.42
		564	18.25	6.70	-1.82	4.27	0.61	3.85	2.48	1.05	1.35	2.17	0.58
468	2	545	60.73	12.56	-34.69	-33.45	11.32	7.55	0.07	-3.13	-3.12	0.06	0.16
		546	56.51	13.93	-31.64	-29.18	11.47	10.29	0.26	-2.69	-2.68	0.25	0.18
		565	48.01	10.05	-29.13	-28.40	9.32	5.31	-3.88	-4.50	-4.03	-4.36	0.26
		564	53.57	9.60	-32.99	-32.64	9.24	3.89	-4.33	-4.77	-4.49	-4.61	0.21
468	3	545	12.14	3.05	-2.70	-1.24	1.59	2.50	1.65	0.48	0.51	1.63	0.15
		546	12.55	3.88	-2.53	-0.22	1.57	3.08	1.76	0.63	0.65	1.74	0.12
		565	5.77	2.49	-1.60	-0.21	1.10	1.94	0.47	0.11	0.18	0.40	0.14
		564	6.01	1.93	-2.02	-1.21	1.13	1.59	0.45	-0.02	0.08	0.36	0.19
468	4	545	22.80	5.02	-12.89	-12.39	4.51	2.97	0.02	-1.17	-1.16	0.02	0.06
		546	21.31	5.59	-11.80	-10.80	4.60	4.04	0.09	-1.00	-1.00	0.09	0.07
		565	18.00	4.07	-10.90	-10.57	3.74	2.19	-1.42	-1.63	-1.48	-1.56	0.10
		564	20.03	3.84	-12.31	-12.15	3.68	1.60	-1.57	-1.73	-1.65	-1.65	0.08
469	1	546	35.68	11.44	-3.61	6.57	1.26	7.05	5.88	2.84	2.88	5.84	0.36
		547	37.79	14.40	-3.92	9.41	1.07	8.15	6.10	3.24	3.26	6.08	0.21
		566	21.05	11.53	-2.07	9.26	0.20	5.07	2.35	1.76	1.85	2.26	0.21
		565	19.35	8.88	-1.95	6.53	0.39	4.46	2.45	1.39	1.60	2.25	0.42
469	2	546	56.44	13.95	-31.58	-29.12	11.48	10.30	0.26	-2.69	-2.68	0.25	0.18
		547	51.77	16.18	-27.91	-23.55	11.82	13.17	0.52	-2.12	-2.10	0.50	0.20
		566	41.10	10.90	-24.25	-22.87	9.52	6.84	-3.31	-4.15	-3.43	-4.02	0.30
		565	48.01	10.05	-29.16	-28.43	9.31	5.31	-3.89	-4.50	-4.03	-4.36	0.25
469	3	546	12.55	3.89	-2.52	-0.20	1.57	3.08	1.76	0.64	0.65	1.74	0.12
		547	13.06	5.01	-2.37	1.06	1.58	3.68	1.84	0.80	0.80	1.83	0.08
		566	5.86	3.34	-1.24	1.01	1.09	2.29	0.47	0.26	0.30	0.43	0.08
		565	5.77	2.48	-1.61	-0.22	1.09	1.94	0.47	0.11	0.18	0.40	0.14
469	4	546	21.29	5.60	-11.78	-10.78	4.60	4.04	0.09	-1.00	-1.00	0.09	0.07
		547	19.67	6.52	-10.46	-8.71	4.77	5.17	0.19	-0.79	-0.78	0.18	0.07
		566	15.51	4.46	-9.12	-8.51	3.85	2.81	-1.21	-1.49	-1.26	-1.44	0.11
		565	18.01	4.06	-10.91	-10.58	3.74	2.19	-1.42	-1.62	-1.48	-1.56	0.09



470	1	547	37.83	14.45	-3.90	9.46	1.09	8.16	6.10	3.25	3.26	6.08	0.21
		548	40.03	17.96	-4.20	12.88	0.88	9.31	6.21	3.64	3.64	6.21	0.02
		567	23.57	14.63	-2.18	12.44	5.97e-03	5.66	2.25	2.08	2.11	2.22	-0.06
		566	21.02	11.50	-2.08	9.23	0.19	5.07	2.35	1.76	1.84	2.26	0.21
470	2	547	51.70	16.21	-27.84	-23.46	11.83	13.18	0.51	-2.12	-2.11	0.50	0.19
		548	47.54	19.65	-23.85	-16.55	12.35	16.25	0.83	-1.40	-1.39	0.81	0.21
		567	33.49	12.39	-18.53	-15.97	9.83	8.52	-2.59	-3.72	-2.69	-3.61	0.33
		566	41.09	10.89	-24.29	-22.91	9.51	6.83	-3.31	-4.14	-3.43	-4.02	0.29
470	3	547	13.07	5.03	-2.36	1.07	1.59	3.68	1.84	0.80	0.81	1.83	0.08
		548	13.76	6.45	-2.23	2.61	1.62	4.31	1.90	0.97	0.97	1.89	0.02
		567	6.51	4.53	-0.94	2.48	1.11	2.65	0.44	0.43	0.44	0.44	4.36e-03
		566	5.86	3.34	-1.25	1.00	1.09	2.29	0.47	0.26	0.30	0.43	0.08
470	4	547	19.65	6.53	-10.44	-8.68	4.77	5.17	0.19	-0.79	-0.79	0.18	0.07
		548	18.27	7.91	-9.01	-6.12	5.02	6.37	0.30	-0.53	-0.52	0.29	0.08
		567	12.80	5.13	-7.05	-5.94	4.02	3.50	-0.94	-1.33	-0.99	-1.29	0.12
		566	15.51	4.46	-9.13	-8.53	3.85	2.81	-1.21	-1.49	-1.26	-1.44	0.11
471	1	548	40.10	18.01	-4.19	12.93	0.89	9.33	6.22	3.66	3.66	6.22	0.01
		549	42.60	22.14	-4.47	17.04	0.63	10.48	6.22	4.00	4.02	6.20	-0.23
		568	27.23	18.22	-2.26	16.15	-0.19	6.18	2.67	1.82	2.37	2.12	-0.41
		567	23.52	14.60	-2.19	12.41	2.47e-03	5.65	2.25	2.07	2.10	2.22	-0.06
471	2	548	47.51	19.69	-23.77	-16.45	12.36	16.27	0.82	-1.41	-1.40	0.81	0.20
		549	45.52	24.76	-19.83	-8.15	13.07	19.61	1.20	-0.56	-0.53	1.17	0.22
		568	31.17	15.04	-12.45	-7.66	10.25	10.43	-1.73	-3.23	-1.82	-3.14	0.35
		567	33.47	12.38	-18.58	-16.03	9.83	8.51	-2.59	-3.71	-2.69	-3.61	0.32
471	3	548	13.77	6.47	-2.22	2.63	1.62	4.32	1.90	0.97	0.97	1.90	0.02
		549	14.75	8.23	-2.10	4.46	1.66	4.97	1.92	1.14	1.15	1.92	-0.05
		568	7.88	6.05	-0.70	4.20	1.15	3.01	0.63	0.40	0.58	0.45	-0.10
		567	6.50	4.52	-0.95	2.46	1.11	2.65	0.44	0.43	0.43	0.44	4.83e-03
471	4	548	18.26	7.93	-8.98	-6.08	5.02	6.38	0.30	-0.53	-0.52	0.29	0.08
		549	17.70	9.91	-7.56	-3.00	5.35	7.67	0.44	-0.21	-0.20	0.43	0.08
		568	12.04	6.24	-4.85	-2.85	4.24	4.27	-0.63	-1.15	-0.66	-1.11	0.13
		567	12.78	5.12	-7.06	-5.96	4.02	3.49	-0.94	-1.33	-0.98	-1.29	0.12
472	1	549	42.74	22.21	-4.49	17.09	0.63	10.51	6.23	4.03	4.06	6.21	-0.24
		550	45.85	27.05	-4.74	22.01	0.31	11.62	6.17	4.21	4.38	6.00	-0.56
		569	32.35	22.33	-2.29	20.43	-0.40	6.56	3.21	1.40	2.66	1.95	-0.84
		568	27.11	18.18	-2.26	16.11	-0.19	6.17	2.65	1.82	2.35	2.11	-0.40
472	2	549	45.59	24.83	-19.78	-8.03	13.07	19.65	1.19	-0.59	-0.56	1.16	0.22
		550	47.86	31.95	-16.26	1.72	13.97	23.31	1.64	0.43	0.48	1.60	0.22
		569	29.84	19.80	-6.90	2.13	10.77	12.63	-0.74	-2.70	-0.82	-2.62	0.37
		568	31.25	15.02	-12.49	-7.72	10.26	10.41	-1.72	-3.22	-1.80	-3.14	0.34
472	3	549	14.78	8.25	-2.10	4.49	1.66	4.98	1.92	1.15	1.16	1.92	-0.06
		550	16.16	10.35	-1.97	6.67	1.71	5.64	1.93	1.29	1.33	1.89	-0.15
		569	9.97	7.88	-0.48	6.21	1.20	3.35	0.86	0.32	0.74	0.43	-0.22
		568	7.85	6.03	-0.70	4.19	1.15	3.00	0.63	0.40	0.58	0.44	-0.09
472	4	549	17.73	9.94	-7.54	-2.96	5.35	7.69	0.44	-0.22	-0.21	0.43	0.08
		550	18.69	12.66	-6.25	0.66	5.75	9.11	0.60	0.16	0.17	0.58	0.08
		569	11.75	8.12	-2.82	0.79	4.50	5.14	-0.26	-0.95	-0.29	-0.92	0.14
		568	12.07	6.24	-4.87	-2.87	4.24	4.26	-0.62	-1.14	-0.66	-1.11	0.12
473	1	550	46.21	27.13	-4.78	22.05	0.29	11.67	6.22	4.28	4.47	6.02	-0.58
		551	50.30	32.82	-4.96	27.97	-0.11	12.65	6.21	4.07	4.69	5.59	-0.97
		570	39.27	27.00	-2.27	25.36	-0.63	6.72	3.85	0.85	2.97	1.74	-1.37
		569	32.02	22.29	-2.28	20.40	-0.39	6.55	3.16	1.39	2.60	1.94	-0.82
473	2	550	48.12	32.07	-16.27	1.86	13.94	23.40	1.61	0.33	0.37	1.57	0.24
		551	56.00	41.52	-13.38	13.12	15.03	27.43	2.18	1.57	1.67	2.09	0.22
		570	34.11	27.66	-2.82	13.46	11.37	15.20	0.34	-2.13	0.28	-2.07	0.38
		569	29.93	19.76	-6.90	2.08	10.78	12.60	-0.69	-2.68	-0.76	-2.61	0.36
473	3	550	16.23	10.39	-2.00	6.69	1.70	5.67	1.94	1.31	1.35	1.89	-0.16
		551	18.16	12.86	-1.84	9.28	1.74	6.31	1.97	1.35	1.51	1.80	-0.27
		570	12.79	10.03	-0.26	8.52	1.25	3.64	1.12	0.21	0.91	0.41	-0.38
		569	9.91	7.87	-0.47	6.20	1.20	3.34	0.84	0.32	0.73	0.43	-0.22
473	4	550	18.79	12.71	-6.26	0.71	5.74	9.14	0.59	0.12	0.14	0.57	0.09
		551	21.74	16.27	-5.16	4.89	6.22	10.69	0.80	0.58	0.62	0.77	0.08
		570	13.30	11.06	-1.26	4.99	4.81	6.16	0.14	-0.74	0.12	-0.72	0.14
		569	11.78	8.10	-2.83	0.77	4.51	5.13	-0.24	-0.94	-0.27	-0.92	0.13
474	1	551	51.53	32.91	-5.08	28.00	-0.17	12.74	6.41	4.22	4.96	5.67	-1.03
		552	56.26	39.66	-5.14	35.16	-0.63	13.48	6.37	3.39	4.84	4.92	-1.49
		571	48.35	32.24	-2.17	30.96	-0.88	6.52	4.64	0.23	3.34	1.53	-2.01
		570	38.33	26.98	-2.22	25.35	-0.59	6.70	3.69	0.80	2.80	1.69	-1.33
474	2	551	56.27	41.75	-13.52	13.28	14.96	27.62	2.11	1.25	1.34	2.02	0.26
		552	69.70	53.47	-11.09	26.24	16.13	31.88	3.20	2.58	3.15	2.63	0.17
		571	48.10	38.64	-0.26	26.20	12.18	18.14	1.42	-1.47	1.37	-1.43	0.36
		570	34.58	27.63	-2.78	13.44	11.40	15.17	0.52	-2.11	0.46	-2.05	0.39
474	3	551	18.37	12.91	-1.90	9.31	1.71	6.36	2.01	1.38	1.57	1.82	-0.29
		552	20.82	15.82	-1.68	12.39	1.74	6.94	2.09	1.23	1.67	1.65	-0.43
		571	16.26	12.47	-0.02	11.13	1.31	3.86	1.42	0.08	1.11	0.40	-0.57
		570	12.61	10.02	-0.24	8.52	1.27	3.63	1.08	0.20	0.88	0.40	-0.37
474	4	551	21.86	16.35	-5.22	4.94	6.19	10.77	0.77	0.46	0.49	0.74	0.10



		552	26.75	20.72	-4.26	9.75	6.71	12.40	1.18	0.95	1.16	0.97	0.06
		571	18.40	15.10	-0.19	9.72	5.19	7.30	0.54	-0.50	0.52	-0.48	0.13
		570	13.45	11.05	-1.24	4.99	4.82	6.14	0.21	-0.73	0.19	-0.71	0.14
475	1	552	60.95	39.87	-5.48	35.27	-0.87	13.70	7.21	3.85	5.76	5.29	-1.66
		553	63.72	48.09	-5.21	44.33	-1.45	13.65	6.30	1.77	4.50	3.57	-2.21
		572	59.99	37.61	-2.07	36.76	-1.23	5.72	5.97	-0.11	4.03	1.83	-2.83
		571	45.23	32.26	-1.90	30.98	-0.62	6.50	4.09	-0.11	2.72	1.25	-1.97
475	2	552	68.85	54.17	-11.39	26.56	16.23	32.37	2.60	2.01	2.15	2.46	0.25
		553	86.75	66.66	-8.72	41.83	16.11	35.43	5.00	2.80	5.00	2.80	-0.09
		572	62.65	50.96	2.13	38.83	14.26	21.09	2.59	-0.10	2.56	-0.07	0.27
		571	50.53	38.80	-0.41	26.38	12.02	18.24	1.85	-1.52	1.80	-1.47	0.40
475	3	552	21.73	15.94	-1.82	12.45	1.67	7.06	2.28	1.33	1.86	1.74	-0.47
		553	24.01	19.29	-1.44	16.28	1.57	7.30	2.19	0.79	1.71	1.27	-0.67
		572	20.27	14.92	0.32	13.79	1.44	3.89	1.91	0.08	1.40	0.58	-0.81
		571	15.56	12.49	0.04	11.15	1.38	3.86	1.27	-8.18e-03	0.96	0.31	-0.55
475	4	552	26.51	20.99	-4.38	9.87	6.74	12.59	0.96	0.74	0.80	0.91	0.09
		553	32.91	25.59	-3.28	15.53	6.77	13.75	1.85	1.04	1.85	1.04	-0.04
		572	23.85	19.65	0.79	14.41	6.03	8.45	0.98	0.01	0.97	0.02	0.10
		571	19.26	15.16	-0.24	9.79	5.13	7.34	0.70	-0.52	0.68	-0.50	0.15
476	1	553	73.41	47.36	-8.58	41.93	-3.16	16.55	8.71	2.70	6.77	4.64	-2.81
		98	98.54	70.42	-7.03	69.93	-6.53	6.17	5.86	0.65	4.92	1.59	-2.01
		150	83.35	31.44	1.84	31.28	1.99	2.13	10.47	0.14	7.96	2.65	-4.43
		572	52.42	39.94	-0.40	39.44	0.10	4.46	4.40	-1.04	2.06	1.31	-2.69
476	2	553	83.28	72.02	-9.16	45.85	17.01	37.94	2.46	1.73	2.44	1.74	-0.10
		98	114.20	74.53	-0.97	63.16	10.41	27.01	8.59	3.28	8.57	3.29	0.27
		150	90.21	58.29	2.55	41.71	19.13	25.48	7.74	2.26	7.73	2.27	0.26
		572	62.25	49.75	2.45	38.25	13.94	20.29	3.17	0.53	3.17	0.53	0.06
476	3	553	26.19	19.66	-2.66	15.87	1.13	8.38	2.76	0.95	2.20	1.51	-0.84
		98	36.26	26.21	-1.10	25.46	-0.35	4.47	2.33	0.57	2.12	0.77	-0.57
		150	27.80	13.35	1.88	12.38	2.85	3.19	3.55	0.29	2.91	0.93	-1.30
		572	18.11	15.42	0.93	14.55	1.81	3.45	1.50	-0.13	0.88	0.48	-0.79
476	4	553	31.82	27.60	-3.47	17.03	7.10	14.72	0.92	0.65	0.92	0.66	-0.04
		98	42.73	28.26	-0.13	23.46	4.67	10.64	3.20	1.27	3.20	1.28	0.10
		150	33.86	22.49	0.91	15.47	7.93	10.11	2.85	0.82	2.84	0.82	0.09
		572	23.74	19.19	0.92	14.19	5.91	8.14	1.21	0.25	1.21	0.25	0.03
477	1	58	18.06	9.34	-2.07	-0.99	8.26	-3.34	1.39	-0.67	0.28	0.43	1.03
		554	13.55	7.44	-1.54	-0.79	6.69	-2.48	0.70	-0.93	-0.35	0.12	0.78
		573	15.82	6.30	-1.79	-1.41	5.91	-1.73	0.77	-1.32	-0.25	-0.30	1.04
		5	14.81	8.29	0.52	1.16	7.66	-2.13	0.47	-1.07	-0.19	-0.41	0.76
477	2	58	35.83	23.95	-9.58	2.13	12.24	-15.98	2.34	1.42	2.26	1.50	-0.25
		554	36.54	20.53	-16.87	-8.76	12.42	-15.41	-0.27	-1.64	-0.65	-1.27	-0.61
		573	27.86	15.09	-1.10	3.95	10.05	-7.50	-0.29	-3.19	-2.98	-0.51	-0.76
		5	43.47	17.95	-14.78	-1.57	4.74	-16.06	4.80	0.54	4.61	0.72	-0.87
477	3	58	8.73	5.58	-1.50	-0.13	4.21	-2.79	0.53	-0.07	0.21	0.25	0.30
		554	7.37	4.72	-1.95	-0.89	3.66	-2.44	0.12	-0.28	-0.13	-0.03	0.20
		573	6.63	3.84	-0.77	-0.10	3.17	-1.62	0.07	-0.50	-0.30	-0.14	0.27
		5	7.58	4.75	-1.08	0.24	3.43	-2.44	0.33	-0.14	0.27	-0.08	0.16
477	4	58	14.40	10.03	-3.84	0.79	5.40	-6.54	0.82	0.54	0.80	0.56	-0.08
		554	14.57	8.66	-6.55	-3.25	5.36	-6.27	-0.09	-0.57	-0.22	-0.44	-0.22
		573	11.19	6.57	-0.69	1.49	4.39	-3.33	-0.13	-1.18	-1.11	-0.20	-0.26
		5	16.93	7.75	-5.75	-0.56	2.56	-6.57	1.76	0.19	1.69	0.26	-0.32
478	1	554	14.34	7.31	-1.64	-0.92	6.59	-2.43	0.74	-0.93	-0.20	9.32e-03	0.83
		555	13.31	5.78	-2.05	-1.65	5.38	-1.72	0.99	-0.88	-0.12	0.23	0.92
		574	13.64	5.04	-1.83	-1.61	4.81	-1.22	1.20	-0.92	-0.02	0.30	1.05
		573	14.78	6.30	-1.40	-1.03	5.93	-1.65	0.97	-1.09	-0.14	0.02	1.03
478	2	554	37.53	22.64	-14.74	-5.45	13.35	-16.16	-1.40	-2.41	-1.86	-1.95	-0.50
		555	34.97	16.69	-17.75	-12.64	11.59	-12.24	-1.55	-2.73	-1.59	-2.69	-0.22
		574	36.14	11.07	-14.15	-13.45	10.36	-4.16	0.32	-2.29	-2.21	0.24	-0.43
		573	23.45	10.63	-6.15	-3.36	7.84	-6.25	2.30	0.63	1.67	1.26	-0.81
478	3	554	7.76	4.82	-1.79	-0.67	3.70	-2.48	0.07	-0.37	-0.19	-0.11	0.22
		555	7.18	3.78	-2.12	-1.43	3.09	-1.89	0.15	-0.38	-0.14	-0.09	0.26
		574	5.55	3.04	-1.79	-1.50	2.76	-1.13	0.28	-0.36	-0.18	0.09	0.29
		573	6.11	3.54	-1.09	-0.56	3.00	-1.48	0.34	-0.18	0.07	0.09	0.26
478	4	554	14.93	9.44	-5.76	-2.01	5.70	-6.55	-0.51	-0.86	-0.68	-0.69	-0.18
		555	13.79	7.07	-6.82	-4.69	4.93	-5.01	-0.57	-0.97	-0.58	-0.95	-0.07
		574	14.03	4.81	-5.42	-5.01	4.40	-2.00	0.10	-0.85	-0.83	0.07	-0.15
		573	9.62	4.89	-2.57	-1.25	3.57	-2.85	0.83	0.24	0.61	0.46	-0.29
479	1	555	13.34	5.83	-1.98	-1.58	5.43	-1.71	0.98	-0.88	-0.11	0.21	0.92
		556	11.93	4.56	-2.11	-1.97	4.41	-0.98	1.21	-0.75	-0.02	0.48	0.95
		575	12.51	3.94	-2.15	-2.07	3.85	-0.71	1.23	-0.90	-0.03	0.36	1.05
		574	13.49	4.96	-1.86	-1.66	4.75	-1.17	1.18	-0.95	-0.07	0.29	1.05
479	2	555	35.24	17.32	-18.05	-12.77	12.04	-12.61	-2.32	-3.02	-2.45	-2.89	-0.27
		556	38.29	14.46	-23.06	-20.24	11.64	-9.90	-2.68	-3.41	-2.73	-3.35	-0.19
		575	41.17	10.32	-21.63	-21.35	10.04	-2.98	-0.07	-2.30	-2.23	-0.14	-0.38
		574	29.23	10.40	-14.27	-13.60	9.73	-4.00	0.99	-0.67	-0.40	0.72	-0.61
479	3	555	7.17	3.85	-2.12	-1.42	3.15	-1.92	0.11	-0.42	-0.21	-0.11	0.26
		556	6.43	3.10	-2.49	-2.10	2.72	-1.42	0.15	-0.41	-0.20	-0.06	0.28



		575	5.65	2.49	-2.39	-2.26	2.35	-0.80	0.27	-0.37	-0.18	0.09	0.29
		574	5.49	2.95	-1.80	-1.53	2.68	-1.10	0.33	-0.26	-0.06	0.13	0.28
479	4	555	13.79	7.31	-6.94	-4.74	5.11	-5.15	-0.85	-1.08	-0.90	-1.03	-0.09
		556	14.70	6.07	-8.73	-7.52	4.86	-4.06	-0.99	-1.21	-1.00	-1.20	-0.06
		575	15.75	4.36	-8.14	-7.97	4.18	-1.48	-0.04	-0.86	-0.84	-0.06	-0.13
		574	11.57	4.55	-5.46	-5.07	4.16	-1.94	0.35	-0.25	-0.16	0.25	-0.22
480	1	556	11.94	4.59	-2.10	-1.96	4.44	-0.99	1.21	-0.75	-0.02	0.48	0.95
		557	12.99	3.62	-2.12	-2.11	3.60	-0.31	1.42	-0.60	0.09	0.74	0.96
		576	12.53	3.08	-2.31	-2.30	3.07	-0.24	1.25	-0.89	-0.02	0.38	1.05
		575	12.48	3.90	-2.15	-2.08	3.83	-0.68	1.23	-0.92	-0.05	0.36	1.05
480	2	556	39.72	14.57	-23.04	-20.18	11.71	-9.96	-2.97	-3.48	-3.04	-3.41	-0.17
		557	45.62	12.80	-27.89	-26.42	11.33	-7.59	-3.50	-3.90	-3.57	-3.84	-0.15
		576	47.50	9.97	-27.72	-27.61	9.86	-2.07	-0.63	-2.76	-2.70	-0.68	-0.34
		575	38.73	10.16	-21.74	-21.48	9.90	-2.89	0.12	-1.80	-1.67	-0.01	-0.48
480	3	556	6.42	3.12	-2.48	-2.10	2.73	-1.42	0.14	-0.43	-0.22	-0.07	0.28
		557	5.64	2.55	-2.80	-2.62	2.37	-0.96	0.18	-0.43	-0.23	-0.02	0.28
		576	6.08	2.07	-2.87	-2.81	2.02	-0.51	0.25	-0.40	-0.22	0.06	0.30
		575	5.49	2.46	-2.40	-2.27	2.33	-0.79	0.29	-0.34	-0.15	0.10	0.29
480	4	556	15.22	6.11	-8.72	-7.50	4.88	-4.08	-1.09	-1.24	-1.12	-1.22	-0.06
		557	17.25	5.30	-10.47	-9.82	4.66	-3.12	-1.29	-1.40	-1.31	-1.37	-0.05
		576	18.00	4.11	-10.39	-10.31	4.03	-1.06	-0.24	-1.03	-1.01	-0.26	-0.11
		575	14.87	4.29	-8.18	-8.02	4.13	-1.44	0.03	-0.67	-0.63	-0.01	-0.17
481	1	557	12.99	3.63	-2.12	-2.11	3.61	-0.31	1.42	-0.60	0.08	0.74	0.96
		558	14.02	2.95	-2.06	-2.03	2.92	0.33	1.63	-0.43	0.21	0.99	0.96
		577	12.65	2.43	-2.30	-2.29	2.43	0.16	1.25	-0.85	0.01	0.39	1.03
		576	12.57	3.07	-2.31	-2.30	3.06	-0.23	1.25	-0.89	-0.02	0.38	1.05
481	2	557	46.00	12.84	-27.84	-26.36	11.36	-7.62	-3.61	-3.91	-3.67	-3.86	-0.12
		558	51.65	11.63	-31.90	-31.20	10.92	-5.49	-4.10	-4.29	-4.17	-4.22	-0.09
		577	53.33	9.66	-32.50	-32.46	9.62	-1.33	-1.14	-3.25	-3.21	-1.17	-0.26
		576	46.73	9.89	-27.81	-27.71	9.79	-2.02	-0.57	-2.60	-2.53	-0.64	-0.37
481	3	557	5.68	2.55	-2.79	-2.61	2.37	-0.97	0.17	-0.43	-0.24	-0.02	0.28
		558	6.19	2.12	-3.02	-2.96	2.07	-0.54	0.21	-0.42	-0.24	0.03	0.28
		577	6.41	1.76	-3.21	-3.20	1.75	-0.26	0.22	-0.43	-0.24	0.03	0.30
		576	6.02	2.06	-2.87	-2.82	2.01	-0.51	0.25	-0.39	-0.20	0.06	0.29
481	4	557	17.39	5.32	-10.45	-9.80	4.67	-3.13	-1.33	-1.41	-1.35	-1.38	-0.04
		558	19.39	4.75	-11.92	-11.60	4.44	-2.26	-1.50	-1.55	-1.54	-1.51	-0.03
		577	20.11	3.91	-12.17	-12.14	3.88	-0.71	-0.42	-1.21	-1.20	-0.43	-0.09
		576	17.72	4.08	-10.42	-10.35	4.00	-1.03	-0.22	-0.97	-0.95	-0.24	-0.13
482	1	558	14.02	2.95	-2.06	-2.04	2.93	0.32	1.63	-0.43	0.21	0.99	0.96
		559	14.90	2.56	-1.92	-1.72	2.36	0.93	1.84	-0.24	0.36	1.24	0.94
		578	12.50	1.96	-2.10	-2.04	1.89	0.51	1.24	-0.80	0.06	0.39	1.01
		577	12.67	2.43	-2.29	-2.29	2.43	0.17	1.25	-0.85	0.01	0.39	1.04
482	2	558	51.75	11.65	-31.87	-31.16	10.94	-5.51	-4.14	-4.29	-4.20	-4.23	-0.07
		559	56.18	10.78	-34.92	-34.63	10.49	-3.60	-4.51	-4.61	-4.60	-4.52	-0.03
		578	57.83	9.37	-35.98	-35.97	9.36	-0.77	-1.54	-3.64	-3.63	-1.56	-0.17
		577	53.08	9.62	-32.57	-32.53	9.58	-1.31	-1.12	-3.19	-3.16	-1.15	-0.27
482	3	558	6.21	2.13	-3.02	-2.96	2.07	-0.54	0.21	-0.42	-0.24	0.03	0.29
		559	6.58	1.81	-3.14	-3.13	1.81	-0.14	0.25	-0.40	-0.23	0.08	0.28
		578	6.57	1.52	-3.40	-3.40	1.52	-0.05	0.19	-0.45	-0.26	-9.63e-04	0.29
		577	6.40	1.76	-3.21	-3.20	1.74	-0.26	0.22	-0.43	-0.24	0.03	0.30
482	4	558	19.43	4.76	-11.90	-11.59	4.44	-2.27	-1.51	-1.56	-1.55	-1.52	-0.02
		559	21.02	4.35	-13.01	-12.89	4.22	-1.49	-1.62	-1.70	-1.70	-1.62	-5.88e-03
		578	21.75	3.74	-13.46	-13.45	3.73	-0.43	-0.57	-1.36	-1.35	-0.58	-0.06
		577	20.02	3.89	-12.19	-12.16	3.86	-0.69	-0.42	-1.19	-1.18	-0.43	-0.09
483	1	559	14.91	2.56	-1.93	-1.72	2.36	0.93	1.84	-0.24	0.36	1.24	0.94
		560	15.65	2.51	-1.77	-1.14	1.88	1.52	2.03	-0.03	0.52	1.48	0.91
		579	12.09	1.65	-1.72	-1.51	1.44	0.82	1.21	-0.72	0.13	0.36	0.96
		578	12.52	1.96	-2.10	-2.03	1.90	0.51	1.24	-0.80	0.06	0.39	1.01
483	2	559	56.21	10.79	-34.89	-34.61	10.50	-3.61	-4.52	-4.61	-4.61	-4.52	-0.02
		560	59.09	10.16	-36.84	-36.76	10.08	-1.90	-4.72	-4.87	-4.87	-4.73	0.02
		579	60.71	9.10	-38.18	-38.17	9.09	-0.36	-1.83	-3.91	-3.91	-1.84	-0.07
		578	57.74	9.35	-36.02	-36.01	9.33	-0.75	-1.54	-3.62	-3.61	-1.55	-0.17
483	3	559	6.58	1.82	-3.14	-3.13	1.81	-0.15	0.25	-0.40	-0.23	0.08	0.28
		560	6.77	1.61	-3.14	-3.13	1.60	0.23	0.30	-0.35	-0.20	0.14	0.28
		579	6.51	1.33	-3.43	-3.42	1.33	0.14	0.16	-0.45	-0.26	-0.03	0.29
		578	6.57	1.52	-3.40	-3.40	1.52	-0.04	0.19	-0.45	-0.26	-5.75e-04	0.29
483	4	559	21.03	4.35	-13.00	-12.88	4.22	-1.49	-1.62	-1.70	-1.70	-1.62	-1.30e-03
		560	22.07	4.06	-13.72	-13.68	4.02	-0.79	-1.70	-1.80	-1.80	-1.70	0.01
		579	22.80	3.60	-14.29	-14.29	3.59	-0.21	-0.68	-1.46	-1.46	-0.68	-0.02
		578	21.72	3.73	-13.48	-13.47	3.72	-0.42	-0.57	-1.35	-1.35	-0.58	-0.06
484	1	560	15.65	2.51	-1.78	-1.15	1.88	1.52	2.03	-0.03	0.52	1.48	0.91
		561	16.28	2.87	-1.66	-0.28	1.49	2.09	2.20	0.20	0.71	1.70	0.87
		580	11.48	1.58	-1.23	-0.71	1.06	1.09	1.15	-0.64	0.20	0.31	0.89
		579	12.10	1.66	-1.72	-1.50	1.45	0.82	1.21	-0.72	0.13	0.36	0.96
484	2	560	59.09	10.16	-36.82	-36.75	10.08	-1.91	-4.72	-4.88	-4.87	-4.73	0.03
		561	60.30	9.73	-37.62	-37.62	9.73	-0.34	-4.81	-5.02	-4.99	-4.84	0.07
		580	61.89	8.86	-39.12	-39.12	8.86	-0.07	-1.99	-4.04	-4.04	-1.99	0.03



484	3	579	60.68	9.08	-38.20	-38.20	9.08	-0.35	-1.83	-3.90	-3.90	-1.83	-0.07
		560	6.78	1.61	-3.14	-3.13	1.60	0.23	0.30	-0.35	-0.20	0.14	0.28
		561	6.78	1.50	-3.01	-2.94	1.42	0.58	0.34	-0.30	-0.15	0.20	0.27
		580	6.22	1.19	-3.28	-3.26	1.17	0.30	0.14	-0.44	-0.25	-0.05	0.27
484	4	579	6.51	1.33	-3.43	-3.42	1.33	0.14	0.17	-0.45	-0.26	-0.03	0.29
		560	22.07	4.06	-13.71	-13.68	4.03	-0.79	-1.69	-1.80	-1.80	-1.70	0.02
		561	22.50	3.87	-14.00	-14.00	3.86	-0.14	-1.73	-1.85	-1.84	-1.74	0.03
		580	23.23	3.48	-14.64	-14.64	3.48	-0.04	-0.73	-1.51	-1.51	-0.73	0.02
485	1	579	22.79	3.59	-14.30	-14.29	3.59	-0.20	-0.68	-1.45	-1.45	-0.68	-0.02
		561	16.29	2.87	-1.67	-0.28	1.49	2.09	2.20	0.20	0.71	1.70	0.87
		562	16.86	3.69	-1.64	0.90	1.15	2.67	2.34	0.46	0.91	1.89	0.80
		581	10.83	1.92	-0.80	0.39	0.73	1.35	1.06	-0.54	0.29	0.23	0.80
485	2	580	11.49	1.59	-1.22	-0.70	1.07	1.09	1.15	-0.64	0.20	0.31	0.89
		561	60.30	9.73	-37.61	-37.61	9.73	-0.35	-4.80	-5.03	-5.00	-4.84	0.08
		562	59.77	9.49	-37.24	-37.21	9.46	1.11	-4.78	-5.05	-4.97	-4.86	0.12
		581	61.34	8.66	-38.83	-38.83	8.66	0.12	-2.01	-4.03	-4.02	-2.02	0.13
485	3	580	61.88	8.85	-39.13	-39.13	8.85	-0.07	-1.99	-4.04	-4.04	-1.99	0.03
		561	6.79	1.50	-3.01	-2.94	1.42	0.58	0.34	-0.30	-0.15	0.20	0.27
		562	6.62	1.50	-2.77	-2.56	1.29	0.92	0.39	-0.22	-0.09	0.26	0.25
		581	5.68	1.10	-2.97	-2.92	1.05	0.45	0.11	-0.41	-0.22	-0.08	0.25
485	4	580	6.22	1.19	-3.28	-3.26	1.17	0.31	0.14	-0.44	-0.25	-0.05	0.27
		561	22.50	3.87	-14.00	-14.00	3.86	-0.15	-1.73	-1.85	-1.84	-1.74	0.03
		562	22.30	3.76	-13.86	-13.85	3.75	0.46	-1.72	-1.85	-1.83	-1.74	0.05
		581	23.03	3.40	-14.54	-14.54	3.40	0.09	-0.74	-1.50	-1.50	-0.74	0.05
486	1	580	23.23	3.48	-14.65	-14.65	3.48	-0.04	-0.73	-1.51	-1.50	-0.73	0.02
		562	16.87	3.69	-1.65	0.89	1.15	2.66	2.34	0.46	0.91	1.89	0.80
		563	17.47	4.97	-1.70	2.41	0.86	3.25	2.43	0.74	1.12	2.05	0.71
		582	10.43	2.86	-0.61	1.81	0.44	1.59	0.94	-0.44	0.38	0.12	0.67
486	2	581	10.85	1.93	-0.79	0.41	0.73	1.35	1.06	-0.54	0.29	0.23	0.80
		562	59.78	9.48	-37.24	-37.21	9.46	1.10	-4.77	-5.06	-4.97	-4.86	0.13
		563	57.52	9.43	-35.68	-35.54	9.29	2.50	-4.62	-4.96	-4.80	-4.78	0.17
		582	59.06	8.54	-37.31	-37.31	8.53	0.25	-1.89	-3.88	-3.85	-1.92	0.22
486	3	581	61.33	8.67	-38.82	-38.82	8.67	0.13	-2.01	-4.03	-4.02	-2.02	0.14
		562	6.63	1.50	-2.77	-2.56	1.29	0.92	0.39	-0.22	-0.09	0.26	0.25
		563	6.34	1.63	-2.42	-1.99	1.19	1.25	0.42	-0.13	-0.01	0.31	0.22
		582	4.91	1.05	-2.48	-2.38	0.95	0.59	0.08	-0.36	-0.18	-0.10	0.22
486	4	581	5.68	1.10	-2.96	-2.91	1.05	0.45	0.11	-0.41	-0.22	-0.08	0.25
		562	22.31	3.76	-13.86	-13.85	3.75	0.45	-1.72	-1.86	-1.83	-1.74	0.05
		563	21.47	3.75	-13.29	-13.23	3.69	1.03	-1.67	-1.81	-1.77	-1.71	0.07
		582	22.18	3.35	-13.97	-13.97	3.35	0.19	-0.70	-1.45	-1.44	-0.71	0.09
487	1	581	23.02	3.40	-14.53	-14.53	3.40	0.09	-0.74	-1.50	-1.50	-0.74	0.05
		563	17.47	4.97	-1.71	2.40	0.86	3.25	2.44	0.74	1.12	2.05	0.71
		564	18.24	6.71	-1.81	4.28	0.62	3.84	2.48	1.05	1.35	2.18	0.58
		583	10.70	4.35	-0.62	3.55	0.19	1.83	0.81	-0.35	0.48	-0.02	0.52
487	2	582	10.45	2.88	-0.60	1.83	0.45	1.60	0.94	-0.44	0.38	0.12	0.68
		563	57.54	9.43	-35.70	-35.56	9.29	2.50	-4.61	-4.97	-4.80	-4.78	0.18
		564	53.56	9.61	-32.97	-32.62	9.25	3.89	-4.33	-4.77	-4.49	-4.61	0.21
		583	55.04	8.48	-34.55	-34.55	8.48	0.36	-1.65	-3.58	-3.53	-1.70	0.31
487	3	582	59.04	8.55	-37.28	-37.28	8.54	0.26	-1.89	-3.88	-3.85	-1.92	0.23
		563	6.34	1.62	-2.42	-1.99	1.19	1.25	0.43	-0.13	-0.01	0.31	0.23
		564	6.01	1.93	-2.01	-1.21	1.13	1.59	0.45	-0.02	0.08	0.36	0.19
		583	3.96	1.08	-1.84	-1.65	0.89	0.72	0.05	-0.31	-0.13	-0.13	0.18
487	4	582	4.91	1.06	-2.47	-2.37	0.96	0.59	0.08	-0.36	-0.18	-0.10	0.22
		563	21.48	3.75	-13.30	-13.24	3.69	1.03	-1.67	-1.82	-1.77	-1.71	0.07
		564	20.03	3.85	-12.30	-12.14	3.69	1.60	-1.57	-1.73	-1.65	-1.65	0.08
		583	20.70	3.35	-12.94	-12.94	3.34	0.29	-0.61	-1.33	-1.32	-0.63	0.12
488	1	582	22.17	3.36	-13.96	-13.96	3.35	0.19	-0.70	-1.45	-1.44	-0.71	0.09
		564	18.24	6.70	-1.81	4.27	0.62	3.84	2.48	1.05	1.35	2.18	0.58
		565	19.35	8.88	-1.94	6.54	0.40	4.45	2.45	1.39	1.59	2.25	0.42
		584	12.03	6.30	-0.69	5.63	-0.02	2.06	0.71	-0.31	0.59	-0.20	0.32
488	2	583	10.72	4.38	-0.61	3.57	0.20	1.83	0.81	-0.35	0.48	-0.02	0.52
		564	53.59	9.60	-33.00	-32.64	9.24	3.88	-4.32	-4.78	-4.49	-4.61	0.22
		565	48.00	10.06	-29.14	-28.40	9.32	5.31	-3.89	-4.49	-4.03	-4.36	0.25
		584	49.29	8.50	-30.54	-30.53	8.50	0.48	-1.28	-3.15	-3.06	-1.37	0.39
488	3	583	55.01	8.50	-34.51	-34.50	8.49	0.36	-1.65	-3.59	-3.53	-1.70	0.32
		564	6.01	1.93	-2.02	-1.21	1.13	1.59	0.45	-0.02	0.08	0.36	0.19
		565	5.77	2.49	-1.60	-0.22	1.10	1.94	0.47	0.11	0.18	0.40	0.14
		584	2.95	1.23	-1.09	-0.72	0.85	0.85	0.03	-0.24	-0.06	-0.16	0.12
488	4	583	3.96	1.08	-1.83	-1.64	0.89	0.72	0.05	-0.31	-0.13	-0.13	0.18
		564	20.04	3.84	-12.31	-12.15	3.68	1.60	-1.57	-1.74	-1.65	-1.65	0.08
		565	18.00	4.07	-10.90	-10.57	3.74	2.19	-1.42	-1.62	-1.48	-1.56	0.09
		584	18.58	3.39	-11.44	-11.43	3.38	0.39	-0.47	-1.17	-1.14	-0.50	0.15
489	1	583	20.69	3.35	-12.92	-12.92	3.35	0.29	-0.61	-1.34	-1.32	-0.63	0.12
		565	19.35	8.87	-1.94	6.53	0.40	4.45	2.46	1.39	1.59	2.25	0.42
		566	21.02	11.51	-2.06	9.24	0.21	5.06	2.35	1.76	1.84	2.27	0.21
		585	14.58	8.63	-0.78	8.05	-0.20	2.26	0.71	-0.41	0.71	-0.40	0.08
		584	12.06	6.32	-0.68	5.65	-0.01	2.06	0.71	-0.32	0.59	-0.20	0.32



489	2	565	48.05	10.04	-29.17	-28.44	9.31	5.30	-3.88	-4.50	-4.03	-4.35	0.26
		566	41.07	10.91	-24.25	-22.87	9.52	6.83	-3.31	-4.14	-3.43	-4.02	0.29
		585	41.87	8.60	-25.23	-25.22	8.58	0.65	-0.80	-2.57	-2.44	-0.93	0.46
		584	49.26	8.53	-30.47	-30.47	8.52	0.49	-1.28	-3.15	-3.06	-1.37	0.40
489	3	565	5.78	2.48	-1.61	-0.22	1.10	1.93	0.47	0.11	0.18	0.40	0.14
		566	5.86	3.34	-1.24	1.00	1.10	2.29	0.47	0.26	0.30	0.43	0.08
		585	2.40	1.64	-0.38	0.41	0.85	0.98	0.04	-0.20	0.02	-0.19	0.06
		584	2.96	1.23	-1.08	-0.71	0.86	0.86	0.03	-0.24	-0.06	-0.16	0.12
489	4	565	18.02	4.06	-10.91	-10.58	3.74	2.19	-1.42	-1.63	-1.48	-1.56	0.10
		566	15.50	4.47	-9.12	-8.51	3.86	2.81	-1.21	-1.49	-1.26	-1.44	0.11
		585	15.87	3.47	-9.47	-9.45	3.45	0.51	-0.30	-0.96	-0.91	-0.34	0.17
		584	18.57	3.40	-11.42	-11.41	3.39	0.39	-0.47	-1.17	-1.14	-0.50	0.15
490	1	566	21.01	11.50	-2.07	9.23	0.20	5.06	2.36	1.76	1.84	2.27	0.21
		567	23.52	14.60	-2.17	12.41	0.02	5.65	2.26	2.07	2.10	2.23	-0.06
		586	18.26	11.33	-0.83	10.84	-0.33	2.41	0.87	-0.64	0.83	-0.61	-0.22
		585	14.61	8.66	-0.77	8.08	-0.19	2.27	0.71	-0.41	0.71	-0.40	0.08
490	2	566	41.13	10.88	-24.30	-22.92	9.51	6.82	-3.31	-4.14	-3.43	-4.02	0.30
		567	33.45	12.40	-18.53	-15.98	9.84	8.51	-2.59	-3.71	-2.69	-3.61	0.32
		586	32.99	8.76	-18.59	-18.56	8.73	0.92	-0.22	-1.86	-1.68	-0.41	0.52
		585	41.85	8.63	-25.15	-25.14	8.62	0.66	-0.80	-2.58	-2.45	-0.93	0.47
490	3	566	5.86	3.33	-1.24	1.00	1.09	2.29	0.47	0.26	0.30	0.43	0.08
		567	6.50	4.52	-0.94	2.47	1.12	2.65	0.45	0.43	0.43	0.45	4.09e-03
		586	3.14	2.50	0.12	1.75	0.87	1.11	0.12	-0.21	0.12	-0.21	-0.03
		585	2.42	1.65	-0.37	0.43	0.85	0.99	0.04	-0.20	0.02	-0.19	0.06
490	4	566	15.52	4.46	-9.14	-8.53	3.85	2.81	-1.21	-1.49	-1.26	-1.44	0.11
		567	12.78	5.13	-7.05	-5.94	4.03	3.50	-0.95	-1.33	-0.99	-1.29	0.12
		586	12.65	3.60	-7.00	-6.96	3.55	0.67	-0.09	-0.69	-0.63	-0.15	0.19
		585	15.86	3.48	-9.44	-9.41	3.46	0.51	-0.30	-0.96	-0.91	-0.34	0.17
491	1	567	23.51	14.58	-2.18	12.39	0.01	5.65	2.26	2.07	2.10	2.23	-0.06
		568	27.13	18.18	-2.24	16.10	-0.17	6.17	2.67	1.83	2.36	2.13	-0.40
		587	22.93	14.38	-0.83	13.97	-0.41	2.47	1.14	-0.97	0.97	-0.80	-0.58
		586	18.29	11.37	-0.82	10.86	-0.32	2.42	0.87	-0.64	0.84	-0.61	-0.21
491	2	567	33.49	12.36	-18.58	-16.04	9.82	8.50	-2.58	-3.71	-2.69	-3.61	0.33
		568	31.23	15.05	-12.44	-7.66	10.27	10.42	-1.74	-3.22	-1.82	-3.14	0.34
		587	23.41	9.01	-10.59	-10.49	8.92	1.35	0.45	-1.03	-0.77	0.19	0.56
		586	33.00	8.81	-18.49	-18.46	8.78	0.95	-0.22	-1.87	-1.69	-0.41	0.52
491	3	567	6.50	4.51	-0.95	2.46	1.11	2.65	0.45	0.43	0.43	0.45	4.53e-03
		568	7.85	6.04	-0.69	4.19	1.16	3.00	0.63	0.40	0.58	0.45	-0.10
		587	4.95	3.82	0.41	3.30	0.92	1.22	0.26	-0.26	0.23	-0.23	-0.13
		586	3.16	2.52	0.12	1.77	0.88	1.11	0.12	-0.21	0.12	-0.21	-0.03
491	4	567	12.80	5.12	-7.07	-5.97	4.02	3.49	-0.94	-1.33	-0.98	-1.29	0.12
		568	12.07	6.25	-4.85	-2.85	4.25	4.26	-0.63	-1.15	-0.66	-1.11	0.12
		587	9.25	3.79	-4.05	-3.94	3.69	0.89	0.16	-0.38	-0.29	0.07	0.20
		586	12.65	3.62	-6.96	-6.92	3.57	0.68	-0.09	-0.70	-0.63	-0.15	0.19
492	1	568	27.11	18.16	-2.25	16.08	-0.18	6.16	2.67	1.82	2.36	2.13	-0.41
		569	32.13	22.27	-2.26	20.38	-0.36	6.55	3.19	1.41	2.63	1.97	-0.83
		588	28.51	17.75	-0.74	17.44	-0.43	2.38	1.54	-1.35	1.13	-0.95	-1.01
		587	22.97	14.42	-0.81	14.00	-0.39	2.49	1.14	-0.97	0.98	-0.80	-0.57
492	2	568	31.16	14.99	-12.49	-7.74	10.23	10.40	-1.72	-3.23	-1.80	-3.14	0.35
		569	29.96	19.82	-6.88	2.15	10.79	12.63	-0.75	-2.69	-0.82	-2.62	0.35
		588	16.77	9.50	-1.31	-0.93	9.13	1.98	1.21	-0.08	0.29	0.85	0.58
		587	23.53	9.09	-10.47	-10.37	8.99	1.40	0.44	-1.05	-0.80	0.19	0.56
492	3	568	7.85	6.02	-0.70	4.18	1.15	3.00	0.63	0.40	0.58	0.45	-0.10
		569	9.92	7.87	-0.47	6.19	1.21	3.34	0.85	0.32	0.73	0.44	-0.22
		588	7.37	5.44	0.62	5.06	1.00	1.30	0.45	-0.32	0.35	-0.22	-0.26
		587	4.97	3.84	0.41	3.32	0.93	1.23	0.26	-0.26	0.23	-0.23	-0.13
492	4	568	12.04	6.22	-4.87	-2.88	4.23	4.25	-0.62	-1.15	-0.66	-1.11	0.13
		569	11.79	8.12	-2.82	0.79	4.52	5.14	-0.26	-0.95	-0.29	-0.92	0.13
		588	7.02	4.14	-0.69	-0.38	3.83	1.18	0.44	-0.03	0.10	0.31	0.21
		587	9.30	3.82	-4.00	-3.90	3.71	0.90	0.16	-0.39	-0.30	0.07	0.20
493	1	569	32.11	22.24	-2.28	20.35	-0.38	6.54	3.20	1.40	2.63	1.97	-0.84
		570	38.81	26.93	-2.20	25.29	-0.56	6.71	3.79	0.86	2.91	1.75	-1.35
		589	35.02	21.39	-0.58	21.20	-0.39	2.05	2.07	-1.77	1.31	-1.01	-1.53
		588	28.55	17.79	-0.71	17.47	-0.39	2.42	1.55	-1.34	1.15	-0.94	-0.99
493	2	569	29.83	19.70	-6.92	2.05	10.73	12.58	-0.69	-2.68	-0.76	-2.61	0.37
		570	34.09	27.72	-2.79	13.50	11.43	15.22	0.34	-2.13	0.28	-2.07	0.37
		589	22.06	12.69	6.85	10.24	9.31	2.88	2.13	0.94	1.53	1.55	0.60
		588	16.96	9.66	-1.18	-0.77	9.24	2.07	1.16	-0.15	0.19	0.83	0.57
493	3	569	9.92	7.85	-0.47	6.18	1.20	3.34	0.85	0.32	0.74	0.44	-0.22
		570	12.67	10.02	-0.24	8.50	1.28	3.64	1.10	0.21	0.90	0.41	-0.37
		589	10.24	7.31	0.82	7.03	1.11	1.33	0.69	-0.38	0.50	-0.19	-0.41
		588	7.36	5.48	0.63	5.09	1.03	1.32	0.45	-0.32	0.35	-0.22	-0.25
493	4	569	11.74	8.08	-2.83	0.75	4.49	5.13	-0.24	-0.95	-0.27	-0.92	0.13
		570	13.29	11.08	-1.25	5.01	4.83	6.16	0.14	-0.74	0.12	-0.72	0.14
		589	8.82	5.46	2.30	3.78	3.98	1.57	0.78	0.35	0.56	0.57	0.22
		588	7.09	4.21	-0.65	-0.32	3.88	1.22	0.42	-0.06	0.07	0.30	0.21
494	1	570	38.77	26.88	-2.26	25.26	-0.63	6.68	3.80	0.84	2.90	1.74	-1.36



		571	47.30	32.17	-2.01	30.85	-0.69	6.57	4.47	0.18	3.18	1.47	-1.96
		590	42.58	25.27	-0.42	25.19	-0.34	1.44	2.71	-2.27	1.46	-1.02	-2.16
		589	35.19	21.45	-0.49	21.24	-0.28	2.12	2.11	-1.71	1.39	-0.99	-1.50
494	2	570	34.31	27.49	-2.81	13.39	11.29	15.12	0.52	-2.09	0.47	-2.04	0.36
		571	49.18	38.97	-0.37	26.29	12.31	18.39	1.45	-1.55	1.38	-1.48	0.45
		590	38.50	24.43	8.12	23.25	9.30	4.23	3.36	1.89	3.05	2.20	0.61
		589	21.17	13.08	6.91	10.44	9.55	3.06	1.91	0.76	1.20	1.48	0.56
494	3	570	12.71	9.99	-0.26	8.48	1.24	3.62	1.11	0.21	0.91	0.41	-0.38
		571	16.01	12.48	0.02	11.11	1.38	3.89	1.36	0.07	1.06	0.37	-0.55
		590	13.58	9.40	1.00	9.19	1.20	1.30	0.98	-0.46	0.66	-0.15	-0.60
		589	10.20	7.36	0.86	7.06	1.16	1.37	0.68	-0.38	0.50	-0.19	-0.41
494	4	570	13.35	10.99	-1.25	4.97	4.77	6.12	0.21	-0.73	0.19	-0.71	0.13
		571	18.81	15.23	-0.24	9.76	5.24	7.39	0.55	-0.53	0.53	-0.50	0.17
		590	14.67	9.46	3.22	8.62	4.06	2.13	1.24	0.69	1.13	0.81	0.22
		589	8.54	5.61	2.32	3.85	4.08	1.64	0.70	0.28	0.44	0.54	0.20
495	1	571	46.51	32.11	-2.25	30.81	-0.96	6.54	4.36	0.16	3.04	1.48	-1.95
		572	57.17	37.64	-1.40	36.70	-0.46	5.98	5.36	-0.35	3.58	1.43	-2.64
		591	51.05	29.52	-0.45	29.50	-0.43	0.82	3.12	-3.20	1.32	-1.40	-2.85
		590	43.80	25.44	-0.14	25.34	-0.04	1.55	2.92	-2.13	1.78	-0.99	-2.11
495	2	571	49.76	38.41	-0.33	26.26	11.82	17.98	1.84	-1.43	1.80	-1.39	0.36
		572	68.48	52.58	0.87	39.06	14.40	22.73	2.81	-0.46	2.63	-0.28	0.74
		591	63.89	40.55	6.34	38.98	7.91	7.15	5.09	2.01	4.94	2.16	0.67
		590	33.92	25.03	8.69	23.64	10.08	4.56	2.53	1.41	1.98	1.96	0.56
495	3	571	15.95	12.42	-0.06	11.09	1.26	3.85	1.36	0.07	1.05	0.38	-0.55
		572	19.64	15.05	0.43	13.80	1.69	4.10	1.70	0.02	1.27	0.44	-0.73
		591	17.49	11.83	0.97	11.66	1.15	1.38	1.20	-0.70	0.76	-0.27	-0.80
		590	13.61	9.50	1.13	9.27	1.36	1.37	0.97	-0.46	0.67	-0.16	-0.59
495	4	571	18.96	15.00	-0.21	9.74	5.05	7.24	0.70	-0.48	0.68	-0.47	0.13
		572	26.07	20.28	0.31	14.50	6.09	9.06	1.06	-0.13	0.99	-0.06	0.28
		591	23.91	15.37	2.71	14.46	3.62	3.26	1.88	0.73	1.83	0.79	0.24
		590	13.06	9.72	3.41	8.77	4.36	2.26	0.93	0.52	0.73	0.72	0.21
496	1	572	51.63	38.51	-1.05	37.55	-0.09	6.10	4.55	0.02	2.83	1.74	-2.20
		150	75.39	36.27	0.21	34.93	1.56	6.83	9.70	-0.46	6.27	2.97	-4.80
		97	58.80	41.83	-1.43	41.67	-1.27	2.65	2.85	-3.66	0.74	-1.55	-3.05
		591	56.86	28.50	-0.37	28.48	-0.34	0.82	3.49	-3.73	2.02	-2.26	-2.90
496	2	572	67.29	52.29	0.37	38.38	14.28	22.99	2.69	-0.23	2.51	-0.05	0.70
		150	95.34	58.21	1.59	41.37	18.42	25.88	8.98	4.90	8.95	4.92	0.31
		97	116.60	68.88	-4.23	61.04	3.61	22.62	8.14	0.24	8.08	0.30	0.71
		591	52.00	44.29	7.99	42.96	9.33	6.83	2.25	0.25	1.67	0.83	0.91
496	3	572	18.29	15.27	0.51	14.00	1.79	4.14	1.45	0.15	1.05	0.55	-0.60
		150	25.94	15.13	0.94	13.42	2.65	4.62	3.45	0.38	2.53	1.30	-1.41
		97	23.26	17.52	0.09	16.94	0.67	3.13	1.25	-0.88	0.83	-0.46	-0.85
		591	18.27	11.84	1.11	11.66	1.29	1.39	1.09	-1.00	0.71	-0.62	-0.80
496	4	572	25.62	20.17	0.12	14.24	6.05	9.15	1.02	-0.05	0.95	0.02	0.26
		150	35.96	22.45	0.53	15.33	7.65	10.26	3.33	1.87	3.33	1.87	0.11
		97	43.53	26.09	-1.30	22.68	2.12	9.05	3.03	0.07	3.00	0.09	0.27
		591	19.56	16.74	3.36	15.95	4.16	3.17	0.82	0.08	0.61	0.29	0.33
497	1	5	13.24	7.98	-0.39	0.72	6.87	-2.83	1.08	-0.37	0.27	0.44	0.72
		573	17.54	6.82	-2.56	-1.52	5.78	-2.95	1.49	-0.89	0.04	0.57	1.16
		592	13.85	5.50	-0.68	-0.15	4.96	-1.74	0.60	-1.22	-0.33	-0.29	0.91
		66	18.16	7.55	-1.61	-0.66	6.60	-2.80	1.47	-0.68	0.67	0.12	1.04
497	2	5	44.22	19.59	-17.02	-1.64	4.22	-18.07	4.93	1.20	4.84	1.29	-0.58
		573	46.23	30.14	-16.00	3.91	10.22	-22.85	-0.51	-2.98	-2.95	-0.54	-0.28
		592	35.00	16.26	-16.79	-8.05	7.51	-14.58	-0.18	-1.91	-0.63	-1.46	-0.76
		66	47.36	24.13	-13.90	2.47	7.75	-18.83	3.35	0.67	2.77	1.24	-1.10
497	3	5	7.54	4.76	-1.56	0.09	3.11	-2.78	0.55	0.15	0.44	0.26	0.18
		573	9.13	5.06	-2.06	-0.14	3.14	-3.16	0.35	-0.40	-0.20	0.15	0.33
		592	6.97	3.67	-1.72	-0.67	2.61	-2.14	0.08	-0.36	-0.12	-0.17	0.22
		66	8.61	4.93	-1.67	-0.01	3.27	-2.86	0.51	-0.05	0.36	0.10	0.25
497	4	5	17.21	8.30	-6.58	-0.61	2.33	-7.29	1.83	0.48	1.80	0.51	-0.21
		573	18.21	12.14	-6.22	1.47	4.46	-9.06	-0.17	-1.09	-1.08	-0.18	-0.09
		592	13.89	6.93	-6.57	-3.01	3.37	-5.94	-0.05	-0.67	-0.21	-0.51	-0.28
		66	18.41	10.00	-5.47	0.92	3.61	-7.61	1.18	0.24	0.98	0.44	-0.39
498	1	573	16.04	6.81	-1.81	-1.04	6.04	-2.46	1.25	-0.95	-0.06	0.36	1.08
		574	14.19	5.09	-2.05	-1.68	4.72	-1.59	1.29	-0.87	7.66e-03	0.42	1.06
		593	13.72	4.09	-1.27	-1.09	3.90	-0.98	0.48	-1.46	-0.36	-0.63	0.96
		592	14.28	5.51	-1.22	-0.60	4.89	-1.95	0.75	-1.10	-0.15	-0.20	0.92
498	2	573	45.42	26.39	-21.64	-3.31	8.07	-23.33	1.74	1.00	1.59	1.16	-0.30
		574	54.79	22.65	-25.95	-13.49	10.19	-21.22	0.37	-2.33	-2.19	0.23	-0.60
		593	37.47	13.46	-18.33	-11.70	6.83	-12.92	-1.28	-3.90	-1.68	-3.50	-0.94
		592	35.60	17.29	-13.71	-4.90	8.49	-13.98	-1.13	-2.84	-1.77	-2.20	-0.83
498	3	573	8.85	4.78	-2.27	-0.56	3.06	-3.03	0.46	-0.17	0.09	0.19	0.31
		574	7.65	3.90	-2.72	-1.53	2.71	-2.54	0.30	-0.34	-0.17	0.13	0.28
		593	6.97	2.84	-1.96	-1.24	2.13	-1.71	-0.07	-0.56	-0.22	-0.40	0.23
		592	7.03	3.75	-1.65	-0.56	2.67	-2.16	0.04	-0.40	-0.17	-0.19	0.22
498	4	573	17.85	10.75	-8.32	-1.23	3.66	-9.21	0.63	0.38	0.58	0.43	-0.10
		574	21.16	9.23	-9.93	-5.03	4.33	-8.36	0.12	-0.87	-0.82	0.08	-0.21



		593	14.41	5.72	-7.11	-4.39	3.00	-5.24	-0.47	-1.40	-0.62	-1.25	-0.34
		592	14.06	7.32	-5.42	-1.84	3.73	-5.73	-0.40	-1.02	-0.64	-0.78	-0.30
499	1	574	14.00	5.16	-1.99	-1.65	4.82	-1.53	1.22	-0.92	-0.06	0.36	1.05
		575	12.41	3.87	-2.13	-2.08	3.81	-0.57	1.25	-0.90	-0.02	0.37	1.05
		594	12.85	2.98	-1.66	-1.65	2.97	-0.17	0.41	-1.60	-0.39	-0.79	0.98
		593	13.62	4.01	-1.34	-1.15	3.81	-1.00	0.55	-1.40	-0.29	-0.56	0.97
499	2	574	48.19	22.18	-25.91	-13.58	9.85	-21.00	0.79	-0.57	-0.43	0.65	-0.41
		575	53.55	17.83	-29.25	-21.36	9.95	-17.58	-0.08	-2.36	-2.24	-0.19	-0.50
		594	41.51	10.71	-22.95	-19.24	7.00	-10.54	-2.52	-4.84	-2.87	-4.50	-0.83
		593	39.06	13.45	-18.24	-11.94	7.14	-12.65	-1.98	-4.13	-2.49	-3.63	-0.91
499	3	574	7.82	3.88	-2.68	-1.53	2.72	-2.50	0.35	-0.27	-0.06	0.14	0.29
		575	6.73	3.00	-2.93	-2.26	2.33	-1.88	0.27	-0.36	-0.18	0.09	0.28
		594	6.75	2.12	-2.36	-2.02	1.77	-1.20	-0.16	-0.69	-0.32	-0.52	0.24
		593	6.88	2.82	-1.98	-1.28	2.12	-1.69	-0.09	-0.57	-0.26	-0.39	0.23
499	4	574	18.74	9.05	-9.91	-5.06	4.21	-8.27	0.27	-0.21	-0.17	0.23	-0.14
		575	20.52	7.28	-11.11	-7.97	4.14	-6.92	-0.04	-0.88	-0.84	-0.08	-0.18
		594	15.74	4.52	-8.78	-7.23	2.97	-4.27	-0.93	-1.75	-1.06	-1.62	-0.29
		593	15.01	5.71	-7.08	-4.48	3.11	-5.15	-0.73	-1.49	-0.91	-1.30	-0.32
500	1	575	12.46	3.90	-2.12	-2.07	3.85	-0.55	1.22	-0.91	-0.05	0.36	1.05
		576	13.44	3.08	-2.32	-2.30	3.05	0.37	1.25	-0.88	-0.02	0.39	1.05
		595	12.11	2.34	-2.05	-1.98	2.27	0.55	0.31	-1.73	-0.45	-0.97	0.99
		594	12.85	2.96	-1.68	-1.67	2.95	-0.17	0.43	-1.58	-0.37	-0.77	0.99
500	2	575	50.83	17.74	-29.26	-21.47	9.95	-17.48	0.02	-1.79	-1.70	-0.07	-0.41
		576	54.63	14.44	-32.24	-27.62	9.81	-13.95	-0.68	-2.79	-2.72	-0.75	-0.38
		595	46.94	8.98	-27.42	-25.38	6.95	-8.37	-3.51	-5.58	-3.78	-5.31	-0.69
		594	42.75	10.71	-22.94	-19.23	7.00	-10.54	-2.76	-4.95	-3.16	-4.54	-0.85
500	3	575	6.82	3.00	-2.92	-2.26	2.34	-1.86	0.29	-0.34	-0.15	0.10	0.29
		576	5.88	2.31	-3.12	-2.82	2.01	-1.24	0.24	-0.40	-0.22	0.05	0.29
		595	6.65	1.61	-2.74	-2.62	1.48	-0.74	-0.24	-0.80	-0.41	-0.63	0.25
		594	6.72	2.11	-2.37	-2.02	1.76	-1.20	-0.17	-0.69	-0.34	-0.52	0.24
500	4	575	19.52	7.25	-11.11	-8.01	4.15	-6.88	-3.88e-03	-0.67	-0.64	-0.03	-0.14
		576	20.76	5.87	-12.17	-10.32	4.01	-5.48	-0.26	-1.04	-1.02	-0.28	-0.13
		595	17.64	3.73	-10.41	-9.55	2.87	-3.38	-1.30	-2.02	-1.39	-1.92	-0.24
		594	16.20	4.52	-8.78	-7.23	2.96	-4.27	-1.02	-1.79	-1.16	-1.64	-0.30
501	1	576	13.47	3.09	-2.32	-2.29	3.07	0.38	1.25	-0.89	-0.03	0.39	1.05
		577	14.33	2.73	-2.60	-2.29	2.42	1.24	1.26	-0.84	0.02	0.41	1.03
		596	13.11	2.04	-2.41	-2.08	1.71	1.17	0.20	-1.84	-0.49	-1.16	0.97
		595	12.12	2.33	-2.06	-1.99	2.27	0.54	0.32	-1.72	-0.44	-0.97	0.99
501	2	576	53.74	14.41	-32.30	-27.70	9.81	-13.91	-0.65	-2.62	-2.55	-0.71	-0.35
		577	57.00	12.06	-34.93	-32.47	9.60	-10.47	-1.21	-3.27	-3.24	-1.24	-0.28
		596	51.93	7.88	-31.17	-30.13	6.85	-6.28	-4.27	-6.18	-4.45	-6.00	-0.55
		595	47.45	8.99	-27.38	-25.34	6.94	-8.37	-3.57	-5.63	-3.87	-5.33	-0.72
501	3	576	5.91	2.31	-3.12	-2.82	2.02	-1.23	0.25	-0.40	-0.21	0.06	0.29
		577	6.17	1.82	-3.28	-3.20	1.74	-0.64	0.22	-0.43	-0.24	0.03	0.29
		596	6.62	1.27	-3.06	-3.03	1.25	-0.32	-0.31	-0.89	-0.47	-0.74	0.26
		595	6.63	1.61	-2.75	-2.62	1.48	-0.74	-0.25	-0.80	-0.41	-0.64	0.25
501	4	576	20.43	5.86	-12.19	-10.35	4.01	-5.47	-0.25	-0.97	-0.95	-0.27	-0.12
		577	21.53	4.86	-13.13	-12.14	3.87	-4.11	-0.45	-1.22	-1.21	-0.46	-0.09
		596	19.44	3.21	-11.79	-11.35	2.77	-2.53	-1.58	-2.24	-1.64	-2.17	-0.19
		595	17.83	3.73	-10.40	-9.53	2.87	-3.38	-1.32	-2.04	-1.43	-1.93	-0.25
502	1	577	14.34	2.74	-2.60	-2.29	2.43	1.25	1.26	-0.84	0.01	0.41	1.03
		578	14.98	2.76	-2.91	-2.04	1.89	2.05	1.26	-0.77	0.07	0.42	1.00
		597	14.01	2.00	-2.67	-1.92	1.25	1.71	0.09	-1.94	-0.52	-1.34	0.93
		596	13.10	2.04	-2.42	-2.09	1.71	1.17	0.20	-1.84	-0.49	-1.16	0.97
502	2	577	56.73	12.05	-34.98	-32.53	9.60	-10.45	-1.19	-3.22	-3.18	-1.23	-0.27
		578	59.38	10.45	-37.07	-35.97	9.35	-7.15	-1.62	-3.67	-3.65	-1.64	-0.17
		597	55.90	7.16	-34.03	-33.58	6.71	-4.28	-4.84	-6.63	-4.93	-6.54	-0.39
		596	52.11	7.89	-31.14	-30.10	6.85	-6.28	-4.29	-6.20	-4.48	-6.01	-0.57
502	3	577	6.16	1.82	-3.28	-3.20	1.74	-0.64	0.22	-0.43	-0.24	0.03	0.30
		578	6.55	1.52	-3.40	-3.40	1.51	-0.08	0.19	-0.45	-0.26	3.69e-03	0.29
		597	6.65	1.06	-3.27	-3.27	1.06	0.06	-0.37	-0.97	-0.51	-0.83	0.26
		596	6.62	1.27	-3.06	-3.03	1.25	-0.32	-0.32	-0.89	-0.47	-0.74	0.26
502	4	577	21.43	4.86	-13.15	-12.16	3.87	-4.10	-0.45	-1.20	-1.19	-0.46	-0.09
		578	22.35	4.17	-13.90	-13.46	3.72	-2.80	-0.60	-1.37	-1.36	-0.61	-0.06
		597	20.89	2.87	-12.84	-12.65	2.68	-1.72	-1.79	-2.40	-1.82	-2.37	-0.13
		596	19.51	3.21	-11.77	-11.33	2.77	-2.53	-1.59	-2.24	-1.65	-2.18	-0.20
503	1	578	14.98	2.77	-2.91	-2.03	1.90	2.05	1.26	-0.77	0.07	0.42	1.00
		579	15.37	3.13	-3.20	-1.52	1.44	2.80	1.24	-0.69	0.14	0.41	0.95
		598	14.69	2.16	-2.81	-1.51	0.86	2.19	-0.02	-2.03	-0.53	-1.52	0.87
		597	14.00	1.99	-2.68	-1.93	1.25	1.71	0.09	-1.94	-0.51	-1.34	0.93
503	2	578	59.31	10.44	-37.11	-36.01	9.34	-7.14	-1.62	-3.65	-3.63	-1.63	-0.17
		579	61.11	9.42	-38.51	-38.18	9.09	-3.96	-1.91	-3.94	-3.94	-1.92	-0.07
		598	58.61	6.70	-35.90	-35.77	6.56	-2.37	-5.22	-6.96	-5.25	-6.93	-0.22
		597	55.96	7.16	-34.00	-33.55	6.71	-4.28	-4.85	-6.64	-4.94	-6.55	-0.40
503	3	578	6.55	1.52	-3.40	-3.40	1.52	-0.07	0.19	-0.45	-0.26	4.21e-03	0.29
		579	6.81	1.37	-3.47	-3.43	1.33	0.45	0.17	-0.45	-0.26	-0.02	0.28
		598	6.70	0.94	-3.37	-3.34	0.90	0.41	-0.42	-1.04	-0.54	-0.91	0.25



503	4	597	6.65	1.06	-3.28	-3.27	1.06	0.06	-0.37	-0.97	-0.51	-0.83	0.25
		578	22.32	4.17	-13.91	-13.47	3.72	-2.80	-0.60	-1.36	-1.35	-0.60	-0.06
		579	22.95	3.72	-14.42	-14.29	3.59	-1.55	-0.71	-1.47	-1.47	-0.71	-0.02
504	1	598	21.89	2.64	-13.54	-13.49	2.59	-0.94	-1.93	-2.52	-1.94	-2.51	-0.07
		597	20.91	2.87	-12.83	-12.64	2.68	-1.72	-1.79	-2.41	-1.83	-2.37	-0.14
		579	15.37	3.14	-3.19	-1.51	1.45	2.80	1.24	-0.69	0.14	0.41	0.95
504	2	580	15.53	3.77	-3.43	-0.71	1.06	3.49	1.19	-0.59	0.22	0.38	0.88
		599	15.22	2.54	-2.84	-0.83	0.53	2.60	-0.13	-2.09	-0.52	-1.70	0.79
		598	14.69	2.16	-2.82	-1.52	0.86	2.19	-0.02	-2.03	-0.53	-1.52	0.87
504	3	579	61.09	9.42	-38.53	-38.20	9.09	-3.96	-1.91	-3.93	-3.93	-1.91	-0.07
		580	61.85	8.87	-39.15	-39.13	8.86	-0.90	-2.07	-4.07	-4.07	-2.07	0.03
		599	59.94	6.43	-36.75	-36.74	6.42	-0.54	-5.40	-7.14	-5.40	-7.14	-0.04
504	4	598	58.63	6.70	-35.88	-35.75	6.56	-2.37	-5.22	-6.96	-5.25	-6.93	-0.23
		579	6.81	1.37	-3.47	-3.42	1.33	0.45	0.17	-0.45	-0.26	-0.02	0.28
		580	6.90	1.37	-3.46	-3.27	1.17	0.95	0.15	-0.43	-0.24	-0.04	0.27
505	1	599	7.00	0.90	-3.35	-3.22	0.77	0.72	-0.44	-1.08	-0.55	-0.98	0.24
		598	6.70	0.94	-3.38	-3.34	0.90	0.41	-0.42	-1.04	-0.54	-0.91	0.25
		579	22.95	3.72	-14.43	-14.30	3.59	-1.55	-0.71	-1.46	-1.46	-0.71	-0.02
505	2	580	23.22	3.49	-14.65	-14.65	3.48	-0.35	-0.76	-1.52	-1.52	-0.76	0.02
		599	22.38	2.52	-13.86	-13.86	2.52	-0.21	-2.00	-2.59	-2.00	-2.59	-7.24e-03
		598	21.90	2.64	-13.54	-13.48	2.59	-0.94	-1.93	-2.52	-1.94	-2.51	-0.08
505	3	580	15.53	3.78	-3.42	-0.70	1.07	3.49	1.19	-0.59	0.22	0.38	0.88
		581	15.55	4.70	-3.58	0.39	0.73	4.14	1.11	-0.47	0.31	0.32	0.79
		600	15.67	3.14	-2.78	0.11	0.25	2.96	-0.22	-2.15	-0.50	-1.87	0.68
505	4	599	15.22	2.53	-2.85	-0.84	0.53	2.60	-0.13	-2.09	-0.52	-1.70	0.79
		580	61.84	8.87	-39.15	-39.13	8.86	-0.90	-2.07	-4.07	-4.07	-2.07	0.03
		581	61.49	8.76	-38.93	-38.84	8.67	2.08	-2.09	-4.06	-4.05	-2.10	0.13
505	5	600	59.83	6.34	-36.57	-36.54	6.31	1.21	-5.38	-7.20	-5.39	-7.19	0.15
		599	59.94	6.43	-36.75	-36.74	6.42	-0.54	-5.40	-7.15	-5.40	-7.14	-0.04
		580	6.90	1.37	-3.46	-3.26	1.17	0.95	0.15	-0.43	-0.24	-0.04	0.27
505	6	581	6.84	1.51	-3.38	-2.92	1.05	1.43	0.13	-0.39	-0.22	-0.05	0.25
		600	7.11	0.94	-3.20	-2.93	0.67	1.01	-0.46	-1.11	-0.54	-1.03	0.22
		599	7.00	0.90	-3.35	-3.22	0.77	0.72	-0.45	-1.08	-0.55	-0.98	0.24
505	7	580	23.21	3.49	-14.66	-14.65	3.48	-0.35	-0.76	-1.51	-1.51	-0.76	0.02
		581	23.09	3.44	-14.58	-14.54	3.40	0.82	-0.77	-1.51	-1.51	-0.77	0.05
		600	22.35	2.48	-13.80	-13.79	2.46	0.50	-1.99	-2.61	-1.99	-2.61	0.06
506	8	599	22.38	2.52	-13.86	-13.86	2.52	-0.21	-2.00	-2.59	-2.00	-2.59	-0.01
		581	15.55	4.71	-3.57	0.41	0.74	4.14	1.11	-0.47	0.31	0.32	0.79
		582	15.54	5.91	-3.66	1.80	0.44	4.74	0.99	-0.34	0.41	0.24	0.66
506	9	601	16.13	3.99	-2.66	1.31	0.02	3.26	-0.28	-2.19	-0.46	-2.02	0.55
		600	15.67	3.13	-2.79	0.09	0.25	2.96	-0.22	-2.15	-0.50	-1.87	0.68
		581	61.46	8.76	-38.92	-38.83	8.67	2.08	-2.09	-4.06	-4.05	-2.10	0.13
506	10	582	59.98	9.08	-37.86	-37.32	8.54	5.00	-1.97	-3.91	-3.88	-1.99	0.23
		601	58.27	6.43	-35.36	-35.15	6.23	2.91	-5.17	-7.11	-5.23	-7.06	0.32
		600	59.83	6.34	-36.58	-36.54	6.30	1.22	-5.38	-7.20	-5.39	-7.19	0.14
506	11	581	6.83	1.51	-3.37	-2.91	1.05	1.43	0.12	-0.39	-0.22	-0.05	0.25
		582	6.64	1.80	-3.23	-2.38	0.95	1.89	0.10	-0.34	-0.17	-0.07	0.22
		601	7.05	1.07	-2.93	-2.46	0.60	1.28	-0.46	-1.12	-0.52	-1.07	0.19
506	12	600	7.11	0.94	-3.20	-2.93	0.67	1.01	-0.46	-1.11	-0.54	-1.03	0.22
		581	23.08	3.44	-14.57	-14.54	3.40	0.82	-0.77	-1.51	-1.51	-0.77	0.05
		582	22.55	3.57	-14.19	-13.97	3.35	1.96	-0.72	-1.45	-1.44	-0.73	0.09
507	13	601	21.77	2.53	-13.35	-13.27	2.44	1.18	-1.91	-2.58	-1.93	-2.56	0.12
		600	22.35	2.48	-13.80	-13.79	2.46	0.50	-1.99	-2.61	-1.99	-2.61	0.05
		582	15.54	5.92	-3.65	1.82	0.45	4.74	0.99	-0.34	0.41	0.24	0.66
507	14	583	15.69	7.41	-3.68	3.54	0.20	5.28	0.87	-0.22	0.52	0.12	0.50
		602	16.70	5.11	-2.50	2.79	-0.17	3.51	-0.32	-2.24	-0.40	-2.16	0.38
		601	16.12	3.98	-2.67	1.30	0.02	3.26	-0.28	-2.20	-0.46	-2.02	0.55
507	15	582	59.94	9.08	-37.83	-37.29	8.55	4.99	-1.97	-3.90	-3.88	-1.99	0.22
		583	57.43	9.88	-35.96	-34.56	8.48	7.89	-1.71	-3.61	-3.55	-1.77	0.32
		602	55.32	6.73	-33.12	-32.59	6.20	4.57	-4.78	-6.89	-4.90	-6.77	0.48
507	16	601	58.27	6.43	-35.38	-35.17	6.22	2.91	-5.17	-7.11	-5.23	-7.06	0.31
		582	6.63	1.81	-3.22	-2.37	0.96	1.89	0.10	-0.34	-0.17	-0.07	0.21
		583	6.36	2.27	-3.03	-1.65	0.89	2.32	0.07	-0.28	-0.11	-0.09	0.17
507	17	602	6.87	1.31	-2.57	-1.82	0.55	1.53	-0.44	-1.12	-0.47	-1.09	0.15
		601	7.05	1.06	-2.93	-2.47	0.60	1.28	-0.46	-1.12	-0.52	-1.07	0.19
		582	22.53	3.57	-14.18	-13.96	3.35	1.96	-0.72	-1.45	-1.44	-0.73	0.09
508	18	583	21.64	3.91	-13.51	-12.94	3.34	3.10	-0.63	-1.34	-1.32	-0.65	0.12
		602	20.69	2.67	-12.53	-12.30	2.44	1.85	-1.76	-2.50	-1.81	-2.45	0.18
		601	21.78	2.52	-13.36	-13.27	2.44	1.18	-1.91	-2.58	-1.93	-2.56	0.12
508	19	583	15.70	7.43	-3.66	3.56	0.20	5.29	0.87	-0.22	0.53	0.12	0.50
		584	16.25	9.22	-3.62	5.61	-0.01	5.77	0.76	-0.14	0.64	-0.02	0.30
		603	17.51	6.52	-2.30	4.53	-0.31	3.69	-0.30	-2.29	-0.32	-2.27	0.18
508	20	602	16.70	5.10	-2.50	2.77	-0.17	3.51	-0.32	-2.24	-0.40	-2.16	0.38
		583	57.37	9.90	-35.91	-34.51	8.50	7.89	-1.71	-3.61	-3.55	-1.77	0.31
		584	54.06	11.28	-33.33	-30.54	8.50	10.79	-1.33	-3.17	-3.08	-1.43	0.40
508	21	603	51.09	7.28	-29.89	-28.83	6.21	6.21	-4.23	-6.52	-4.42	-6.33	0.62
		602	55.32	6.72	-33.15	-32.62	6.19	4.57	-4.79	-6.88	-4.90	-6.77	0.47



508	3	583	6.35	2.27	-3.02	-1.64	0.89	2.32	0.07	-0.28	-0.11	-0.09	0.17
		584	6.10	2.92	-2.79	-0.72	0.86	2.75	0.05	-0.20	-0.04	-0.11	0.12
		603	6.76	1.69	-2.16	-1.00	0.54	1.76	-0.40	-1.10	-0.41	-1.09	0.10
		602	6.87	1.30	-2.58	-1.82	0.55	1.53	-0.44	-1.12	-0.47	-1.09	0.15
508	4	583	21.62	3.92	-13.49	-12.92	3.35	3.10	-0.63	-1.34	-1.32	-0.65	0.12
		584	20.46	4.50	-12.56	-11.44	3.38	4.23	-0.49	-1.18	-1.15	-0.52	0.15
		603	19.13	2.93	-11.34	-10.88	2.47	2.51	-1.56	-2.36	-1.63	-2.29	0.23
		602	20.69	2.67	-12.54	-12.31	2.44	1.85	-1.76	-2.50	-1.81	-2.45	0.18
509	1	584	16.27	9.24	-3.61	5.64	-8.20e-03	5.77	0.76	-0.14	0.64	-0.02	0.30
		585	17.49	11.34	-3.49	8.04	-0.19	6.17	0.77	-0.18	0.77	-0.17	0.06
		604	18.66	8.19	-2.06	6.52	-0.39	3.79	-0.22	-2.35	-0.22	-2.35	-0.05
		603	17.51	6.50	-2.31	4.51	-0.31	3.69	-0.30	-2.29	-0.32	-2.28	0.18
509	2	584	53.99	11.30	-33.26	-30.48	8.52	10.79	-1.34	-3.17	-3.08	-1.43	0.39
		585	50.35	13.47	-30.11	-25.23	8.59	13.73	-0.84	-2.59	-2.46	-0.98	0.47
		604	45.86	8.18	-25.74	-23.82	6.26	7.85	-3.54	-6.01	-3.79	-5.76	0.74
		603	51.08	7.27	-29.93	-28.86	6.20	6.21	-4.24	-6.51	-4.42	-6.33	0.62
509	3	584	6.09	2.93	-2.78	-0.71	0.86	2.75	0.05	-0.20	-0.04	-0.11	0.12
		585	6.01	3.78	-2.53	0.41	0.85	3.15	0.06	-0.14	0.04	-0.12	0.05
		604	6.91	2.27	-1.72	-4.17e-03	0.55	1.98	-0.34	-1.07	-0.34	-1.07	0.04
		603	6.76	1.69	-2.16	-1.01	0.54	1.76	-0.40	-1.10	-0.41	-1.09	0.10
509	4	584	20.43	4.51	-12.54	-11.41	3.38	4.23	-0.49	-1.18	-1.15	-0.52	0.15
		585	19.18	5.40	-11.40	-9.45	3.45	5.39	-0.31	-0.96	-0.92	-0.36	0.17
		604	17.23	3.34	-9.81	-8.99	2.52	3.18	-1.30	-2.17	-1.39	-2.08	0.27
		603	19.13	2.92	-11.35	-10.89	2.47	2.51	-1.56	-2.36	-1.63	-2.29	0.23
510	1	585	17.52	11.37	-3.49	8.07	-0.18	6.18	0.78	-0.18	0.77	-0.18	0.06
		586	19.61	13.78	-3.28	10.81	-0.31	6.47	0.95	-0.38	0.91	-0.34	-0.23
		605	20.23	10.12	-1.77	8.76	-0.40	3.79	-0.06	-2.42	-0.10	-2.37	-0.32
		604	18.66	8.18	-2.07	6.51	-0.39	3.79	-0.22	-2.35	-0.23	-2.35	-0.05
510	2	585	50.28	13.50	-30.04	-25.15	8.61	13.74	-0.85	-2.59	-2.46	-0.98	0.46
		586	47.16	16.72	-26.54	-18.57	8.75	16.77	-0.25	-1.88	-1.69	-0.44	0.52
		605	40.27	9.66	-20.85	-17.51	6.33	9.52	-2.72	-5.38	-3.01	-5.08	0.83
		604	45.83	8.17	-25.79	-23.87	6.25	7.85	-3.54	-6.00	-3.78	-5.76	0.73
510	3	585	6.02	3.79	-2.52	0.42	0.85	3.15	0.06	-0.14	0.04	-0.12	0.05
		586	6.61	4.86	-2.24	1.75	0.87	3.53	0.14	-0.14	0.14	-0.13	-0.03
		605	7.21	3.06	-1.30	1.16	0.60	2.16	-0.24	-1.03	-0.24	-1.03	-0.04
		604	6.91	2.26	-1.73	-0.01	0.55	1.97	-0.34	-1.07	-0.34	-1.07	0.04
510	4	585	19.15	5.42	-11.38	-9.42	3.46	5.39	-0.31	-0.97	-0.92	-0.36	0.17
		586	18.13	6.72	-10.12	-6.96	3.56	6.58	-0.10	-0.70	-0.63	-0.17	0.19
		605	15.22	4.00	-8.02	-6.62	2.60	3.86	-0.99	-1.94	-1.10	-1.83	0.30
		604	17.22	3.34	-9.83	-9.01	2.52	3.18	-1.30	-2.17	-1.39	-2.08	0.27
511	1	586	19.68	13.82	-3.28	10.84	-0.31	6.48	0.96	-0.38	0.91	-0.34	-0.23
		587	22.73	16.52	-2.97	13.94	-0.38	6.61	1.26	-0.67	1.06	-0.47	-0.59
		606	22.28	12.27	-1.39	11.20	-0.32	3.67	0.20	-2.47	0.05	-2.32	-0.63
		605	20.22	10.11	-1.77	8.74	-0.40	3.79	-0.06	-2.42	-0.11	-2.37	-0.32
511	2	586	47.13	16.76	-26.47	-18.47	8.76	16.79	-0.26	-1.89	-1.70	-0.45	0.52
		587	45.91	21.42	-22.97	-10.50	8.95	19.95	0.43	-1.04	-0.78	0.17	0.56
		606	35.68	12.16	-15.60	-9.84	6.40	11.25	-1.78	-4.64	-2.09	-4.33	0.89
		605	40.19	9.65	-20.90	-17.57	6.32	9.51	-2.72	-5.37	-3.00	-5.08	0.82
511	3	586	6.62	4.88	-2.24	1.76	0.88	3.53	0.14	-0.14	0.14	-0.13	-0.03
		587	8.29	6.16	-1.93	3.29	0.93	3.87	0.30	-0.17	0.25	-0.13	-0.14
		606	7.71	4.09	-0.90	2.49	0.69	2.32	-0.11	-0.97	-0.13	-0.96	-0.13
		605	7.21	3.06	-1.30	1.15	0.60	2.16	-0.24	-1.03	-0.24	-1.03	-0.04
511	4	586	18.12	6.74	-10.10	-6.92	3.56	6.59	-0.10	-0.70	-0.64	-0.17	0.19
		587	17.82	8.58	-8.83	-3.95	3.70	7.82	0.15	-0.39	-0.29	0.06	0.20
		606	13.62	5.06	-6.11	-3.74	2.68	4.57	-0.65	-1.67	-0.76	-1.55	0.33
		605	15.20	3.99	-8.04	-6.64	2.59	3.86	-0.99	-1.94	-1.10	-1.83	0.30
512	1	587	22.85	16.56	-2.99	13.97	-0.39	6.63	1.27	-0.67	1.07	-0.48	-0.59
		588	26.84	19.55	-2.54	17.39	-0.39	6.55	1.69	-1.00	1.23	-0.55	-1.01
		607	24.84	14.58	-0.92	13.79	-0.13	3.40	0.58	-2.51	0.23	-2.15	-0.98
		606	22.24	12.26	-1.39	11.19	-0.32	3.67	0.19	-2.48	0.03	-2.32	-0.63
512	2	587	46.00	21.49	-22.92	-10.38	8.95	19.99	0.41	-1.06	-0.81	0.16	0.56
		588	48.38	27.98	-19.73	-0.93	9.17	23.32	1.20	-0.08	0.29	0.84	0.58
		607	34.60	16.44	-10.69	-0.69	6.44	13.09	-0.75	-3.83	-1.06	-3.52	0.91
		606	35.52	12.13	-15.64	-9.90	6.40	11.24	-1.77	-4.62	-2.08	-4.32	0.88
512	3	587	8.32	6.18	-1.94	3.31	0.93	3.88	0.30	-0.18	0.25	-0.13	-0.14
		588	10.19	7.67	-1.59	5.05	1.02	4.17	0.49	-0.22	0.38	-0.11	-0.26
		607	8.43	5.32	-0.51	3.98	0.82	2.45	0.06	-0.91	2.95e-03	-0.85	-0.23
		606	7.71	4.08	-0.90	2.49	0.69	2.32	-0.11	-0.98	-0.13	-0.96	-0.13
512	4	587	17.85	8.61	-8.81	-3.90	3.70	7.84	0.15	-0.40	-0.30	0.06	0.20
		588	18.86	11.12	-7.64	-0.38	3.85	9.14	0.44	-0.03	0.10	0.31	0.21
		607	13.34	6.77	-4.31	-0.31	2.77	5.32	-0.27	-1.37	-0.38	-1.26	0.33
		606	13.57	5.05	-6.13	-3.76	2.68	4.56	-0.64	-1.66	-0.76	-1.55	0.32
513	1	588	27.11	19.60	-2.58	17.42	-0.41	6.59	1.72	-1.00	1.27	-0.55	-1.02
		589	31.92	22.82	-1.98	21.15	-0.30	6.23	2.25	-1.33	1.43	-0.51	-1.51
		608	27.92	16.98	-0.35	16.46	0.17	2.96	1.10	-2.48	0.46	-1.84	-1.37
		607	24.72	14.58	-0.90	13.79	-0.11	3.39	0.55	-2.51	0.20	-2.16	-0.98
513	2	588	48.67	28.10	-19.73	-0.79	9.16	23.40	1.17	-0.17	0.18	0.81	0.59



		589	55.90	36.76	-17.10	10.25	9.41	26.93	2.12	0.98	1.53	1.56	0.57
		608	39.53	23.39	-6.94	10.02	6.43	15.06	0.34	-2.97	0.07	-2.71	0.90
		607	34.40	16.40	-10.71	-0.76	6.45	13.06	-0.71	-3.80	-1.00	-3.51	0.90
513	3	588	10.24	7.70	-1.61	5.07	1.01	4.19	0.50	-0.22	0.39	-0.11	-0.26
		589	12.32	9.37	-1.21	7.01	1.15	4.41	0.75	-0.25	0.54	-0.04	-0.41
		608	9.36	6.72	-0.13	5.60	0.99	2.54	0.28	-0.82	0.16	-0.70	-0.34
		607	8.42	5.31	-0.50	3.98	0.83	2.44	0.06	-0.91	-1.33e-03	-0.85	-0.23
513	4	588	18.97	11.16	-7.64	-0.33	3.85	9.17	0.43	-0.06	0.06	0.30	0.22
		589	21.69	14.45	-6.64	3.79	4.02	10.54	0.78	0.36	0.57	0.57	0.21
		608	15.22	9.41	-2.86	3.69	2.85	6.12	0.14	-1.05	0.04	-0.96	0.33
		607	13.27	6.75	-4.31	-0.34	2.78	5.31	-0.25	-1.36	-0.36	-1.25	0.33
514	1	589	32.57	22.88	-2.08	21.17	-0.37	6.30	2.37	-1.31	1.54	-0.48	-1.53
		590	37.91	26.32	-1.31	25.14	-0.13	5.57	3.00	-1.63	1.64	-0.26	-2.11
		609	31.48	19.32	0.24	19.04	0.53	2.33	1.80	-2.30	0.78	-1.28	-1.77
		608	27.58	16.99	-0.29	16.48	0.23	2.94	1.01	-2.51	0.38	-1.88	-1.36
514	2	589	56.23	36.98	-17.21	10.41	9.36	27.09	1.98	0.72	1.20	1.50	0.61
		590	68.64	47.89	-15.07	23.29	9.53	30.72	3.30	2.05	3.06	2.29	0.50
		609	49.79	33.24	-4.54	22.24	6.47	17.16	1.38	-2.07	1.18	-1.86	0.82
		608	39.89	23.35	-6.92	9.98	6.45	15.04	0.51	-2.94	0.25	-2.69	0.90
514	3	589	12.42	9.41	-1.26	7.03	1.12	4.45	0.76	-0.25	0.54	-0.04	-0.41
		590	14.77	11.26	-0.79	9.18	1.29	4.55	1.07	-0.27	0.71	0.09	-0.59
		609	10.46	8.24	0.25	7.30	1.19	2.57	0.55	-0.68	0.34	-0.47	-0.47
		608	9.35	6.72	-0.10	5.60	1.01	2.52	0.26	-0.83	0.15	-0.71	-0.34
514	4	589	21.83	14.53	-6.68	3.84	4.00	10.61	0.73	0.27	0.44	0.55	0.22
		590	26.36	18.61	-5.82	8.63	4.15	12.00	1.22	0.76	1.13	0.84	0.18
		609	19.02	13.05	-1.85	8.25	2.95	6.97	0.53	-0.72	0.45	-0.64	0.30
		608	15.35	9.39	-2.85	3.68	2.86	6.11	0.20	-1.04	0.11	-0.95	0.33
515	1	590	39.81	26.40	-1.57	25.16	-0.34	5.75	3.40	-1.46	2.02	-0.08	-2.20
		591	45.32	30.15	-0.76	29.51	-0.12	4.39	3.97	-1.94	1.79	0.24	-2.85
		610	35.89	21.20	0.62	21.10	0.72	1.44	2.95	-1.72	1.38	-0.16	-2.20
		609	30.41	19.39	0.49	19.11	0.77	2.29	1.51	-2.49	0.48	-1.46	-1.75
515	2	590	67.76	48.56	-15.29	23.61	9.66	31.15	2.67	1.51	2.06	2.12	0.58
		591	85.31	60.58	-13.17	39.01	8.40	33.54	4.94	2.53	4.92	2.55	0.22
		610	60.77	44.44	-2.29	34.61	7.55	19.05	2.50	-0.50	2.37	-0.38	0.60
		609	52.11	33.37	-4.73	22.37	6.27	17.27	1.80	-2.08	1.60	-1.88	0.85
515	3	590	15.08	11.35	-0.91	9.21	1.23	4.65	1.12	-0.25	0.75	0.13	-0.61
		591	17.58	13.31	-0.36	11.66	1.29	4.46	1.47	-0.31	0.90	0.26	-0.83
		610	12.07	9.62	0.65	8.85	1.42	2.51	0.97	-0.39	0.61	-0.03	-0.60
		609	10.55	8.27	0.32	7.34	1.25	2.56	0.49	-0.73	0.28	-0.53	-0.46
515	4	590	26.11	18.86	-5.92	8.75	4.19	12.18	0.98	0.56	0.76	0.78	0.21
		591	32.36	23.29	-5.00	14.47	3.82	13.10	1.83	0.94	1.83	0.95	0.08
		610	23.15	17.19	-0.90	12.85	3.44	7.73	0.95	-0.14	0.90	-0.09	0.23
		609	19.85	13.10	-1.92	8.30	2.88	7.00	0.69	-0.73	0.61	-0.65	0.31
516	1	591	48.69	29.65	-2.29	28.44	-1.08	6.10	5.37	-1.40	2.81	1.17	-3.28
		97	61.91	40.11	-3.22	40.09	-3.20	-0.85	4.78	-0.69	2.81	1.28	-2.62
		158	51.11	17.74	2.18	17.71	2.21	-0.70	5.98	-1.19	3.72	1.07	-3.33
		610	32.68	22.50	1.31	22.47	1.34	0.78	1.99	-2.10	0.48	-0.58	-1.98
516	2	591	81.53	65.77	-13.46	42.99	9.33	35.86	2.35	1.37	2.31	1.40	0.19
		97	113.37	69.70	-7.06	60.80	1.84	24.58	8.43	2.78	8.40	2.81	0.44
		158	86.69	50.29	-1.50	37.58	11.21	22.29	7.77	2.33	7.71	2.39	0.56
		610	59.56	43.28	-2.04	34.00	7.24	18.29	2.94	0.15	2.88	0.21	0.39
516	3	591	20.01	13.76	-1.04	11.64	1.07	5.17	1.73	-0.26	1.01	0.46	-0.96
		97	23.95	16.73	-0.39	16.44	-0.09	2.24	1.91	0.22	1.48	0.65	-0.74
		158	17.19	8.77	1.53	8.06	2.25	2.16	2.18	-0.05	1.66	0.47	-0.95
		610	11.38	9.82	0.96	9.21	1.58	2.25	0.75	-0.46	0.40	-0.10	-0.55
516	4	591	31.16	25.24	-5.13	15.96	4.16	13.99	0.88	0.52	0.87	0.53	0.07
		97	42.36	26.39	-2.42	22.57	1.40	9.77	3.15	1.09	3.14	1.10	0.17
		158	32.58	19.47	-0.61	13.95	4.91	8.97	2.86	0.84	2.84	0.86	0.21
		610	22.75	16.75	-0.79	12.63	3.33	7.44	1.13	0.11	1.11	0.13	0.15
517	1	66	16.80	7.43	-1.00	0.05	6.38	-2.79	1.51	-0.62	0.44	0.45	1.06
		592	13.31	5.62	-1.42	-0.86	5.06	-1.91	0.64	-1.02	-0.20	-0.18	0.83
		611	12.63	4.48	0.16	0.59	4.05	-1.29	0.14	-1.42	-0.54	-0.73	0.77
		4	12.62	6.27	-0.58	0.42	5.27	-2.42	0.72	-0.55	0.38	-0.21	0.56
517	2	66	41.16	20.38	-9.96	2.94	7.48	-15.00	3.29	0.73	2.69	1.33	-1.08
		592	41.30	16.80	-17.43	-8.29	7.65	-15.14	0.33	-2.48	-0.56	-1.58	-1.31
		611	35.59	13.07	-2.30	5.09	5.68	-7.68	0.46	-3.95	-2.86	-0.63	-1.90
		4	50.60	15.17	-16.29	-2.26	1.14	-15.64	5.58	0.53	4.96	1.14	-1.65
517	3	66	7.59	4.65	-1.24	0.24	3.17	-2.56	0.52	0.01	0.29	0.24	0.25
		592	6.71	3.74	-1.99	-0.91	2.66	-2.24	0.05	-0.28	-0.08	-0.14	0.16
		611	5.06	3.00	-0.32	0.56	2.12	-1.47	-0.21	-0.45	-0.38	-0.28	0.11
		4	6.55	3.87	-1.62	-0.05	2.30	-2.48	0.48	4.92e-03	0.47	9.93e-03	0.05
517	4	66	16.12	8.59	-3.99	1.10	3.50	-6.17	1.17	0.28	0.95	0.50	-0.38
		592	16.14	7.13	-6.81	-3.11	3.43	-6.16	0.13	-0.88	-0.19	-0.56	-0.47
		611	13.88	5.63	-1.14	1.89	2.60	-3.36	0.13	-1.45	-1.07	-0.25	-0.68
		4	19.56	6.59	-6.36	-0.84	1.08	-6.40	2.06	0.19	1.83	0.41	-0.61
518	1	592	14.22	5.75	-1.07	-0.40	5.09	-2.02	0.54	-1.20	-0.28	-0.37	0.87
		593	13.55	3.93	-1.33	-1.14	3.74	-0.99	0.57	-1.37	-0.24	-0.55	0.96



		612	10.67	3.14	-1.15	-1.13	3.12	-0.27	0.34	-1.27	-0.37	-0.57	0.80
		611	11.15	4.04	-0.40	-0.18	3.81	-0.98	0.65	-0.89	0.05	-0.30	0.75
518	2	592	42.38	19.15	-15.43	-4.83	8.56	-15.94	-0.81	-3.23	-1.81	-2.23	-1.19
		593	36.53	13.08	-18.05	-11.73	6.76	-12.52	-1.26	-3.85	-1.65	-3.46	-0.92
		612	35.68	6.98	-13.43	-12.30	5.84	-4.67	0.26	-3.10	-2.26	-0.58	-1.45
		611	32.24	7.69	-6.61	-2.56	3.64	-6.44	3.32	-0.59	1.78	0.95	-1.91
518	3	592	7.10	3.96	-1.72	-0.49	2.74	-2.34	-0.04	-0.41	-0.21	-0.25	0.18
		593	6.88	2.77	-1.96	-1.27	2.07	-1.68	-0.03	-0.53	-0.18	-0.38	0.23
		612	4.18	1.95	-1.56	-1.35	1.74	-0.83	-0.11	-0.41	-0.29	-0.23	0.15
		611	4.28	2.46	-0.85	-0.27	1.88	-1.26	0.19	-0.08	0.14	-0.03	0.10
518	4	592	16.54	8.02	-6.06	-1.81	3.77	-6.46	-0.29	-1.16	-0.66	-0.80	-0.43
		593	14.05	5.57	-7.01	-4.40	2.97	-5.09	-0.46	-1.38	-0.60	-1.24	-0.33
		612	13.81	3.13	-5.24	-4.66	2.54	-2.14	0.06	-1.15	-0.85	-0.24	-0.52
		611	12.63	3.62	-2.78	-0.98	1.83	-2.88	1.20	-0.21	0.66	0.34	-0.69
519	1	593	13.67	4.05	-1.30	-1.10	3.85	-1.01	0.49	-1.44	-0.34	-0.60	0.96
		594	12.83	2.94	-1.67	-1.67	2.93	-0.16	0.45	-1.57	-0.35	-0.77	0.98
		613	10.63	2.35	-1.89	-1.86	2.32	0.33	0.16	-1.49	-0.44	-0.89	0.79
		612	10.40	3.02	-1.20	-1.19	3.01	-0.23	0.44	-1.14	-0.19	-0.51	0.77
519	2	593	39.85	13.68	-18.40	-11.91	7.19	-12.89	-1.96	-4.18	-2.51	-3.63	-0.96
		594	41.48	10.66	-22.95	-19.26	6.96	-10.51	-2.50	-4.84	-2.85	-4.49	-0.84
		613	38.19	6.11	-20.39	-19.84	5.56	-3.77	-0.49	-3.28	-2.33	-1.45	-1.32
		612	30.54	6.39	-13.53	-12.43	5.29	-4.56	1.39	-1.92	-0.40	-0.13	-1.65
519	3	593	6.90	2.86	-1.98	-1.27	2.14	-1.71	-0.11	-0.58	-0.28	-0.41	0.23
		594	6.75	2.10	-2.37	-2.02	1.75	-1.19	-0.15	-0.68	-0.31	-0.52	0.24
		613	4.57	1.45	-2.26	-2.19	1.38	-0.50	-0.19	-0.51	-0.32	-0.39	0.15
		612	4.17	1.85	-1.58	-1.37	1.65	-0.80	-5.48e-03	-0.26	-0.09	-0.18	0.12
519	4	593	15.31	5.80	-7.13	-4.47	3.13	-5.23	-0.72	-1.51	-0.92	-1.31	-0.34
		594	15.72	4.49	-8.78	-7.24	2.95	-4.26	-0.92	-1.75	-1.05	-1.62	-0.30
		613	14.63	2.63	-7.81	-7.52	2.34	-1.71	-0.21	-1.21	-0.88	-0.55	-0.47
		612	11.94	2.90	-5.28	-4.70	2.33	-2.09	0.49	-0.71	-0.16	-0.06	-0.59
520	1	594	12.87	2.97	-1.66	-1.65	2.96	-0.17	0.42	-1.60	-0.39	-0.78	0.99
		595	12.10	2.33	-2.06	-1.99	2.26	0.55	0.32	-1.72	-0.43	-0.97	0.98
		614	11.21	1.88	-2.45	-2.30	1.72	0.80	-0.06	-1.79	-0.56	-1.29	0.78
		613	10.55	2.32	-1.91	-1.88	2.29	0.35	0.19	-1.45	-0.38	-0.88	0.78
520	2	594	42.60	10.75	-22.94	-19.22	7.03	-10.56	-2.79	-4.92	-3.17	-4.54	-0.82
		595	47.04	8.96	-27.42	-25.39	6.93	-8.35	-3.49	-5.60	-3.77	-5.31	-0.72
		614	42.88	5.80	-26.05	-25.76	5.51	-2.99	-1.45	-3.84	-2.86	-2.42	-1.18
		613	36.20	5.98	-20.48	-19.95	5.45	-3.71	-0.09	-2.98	-1.75	-1.32	-1.43
520	3	594	6.73	2.12	-2.37	-2.02	1.77	-1.20	-0.17	-0.70	-0.35	-0.53	0.24
		595	6.63	1.60	-2.75	-2.62	1.48	-0.74	-0.24	-0.79	-0.40	-0.63	0.25
		614	5.23	1.14	-2.84	-2.82	1.13	-0.22	-0.30	-0.67	-0.39	-0.57	0.16
		613	4.60	1.43	-2.27	-2.21	1.36	-0.48	-0.16	-0.47	-0.25	-0.37	0.14
520	4	594	16.14	4.53	-8.78	-7.22	2.97	-4.28	-1.03	-1.78	-1.17	-1.64	-0.29
		595	17.68	3.72	-10.41	-9.55	2.86	-3.38	-1.29	-2.02	-1.39	-1.92	-0.25
		614	16.31	2.40	-9.92	-9.78	2.26	-1.34	-0.56	-1.42	-1.07	-0.91	-0.42
		613	13.90	2.58	-7.84	-7.56	2.30	-1.68	-0.06	-1.10	-0.66	-0.50	-0.51
521	1	595	12.13	2.34	-2.05	-1.99	2.27	0.54	0.31	-1.73	-0.45	-0.97	0.99
		596	13.09	2.04	-2.42	-2.09	1.70	1.17	0.20	-1.84	-0.48	-1.15	0.96
		615	12.74	1.59	-2.82	-2.48	1.25	1.18	-0.27	-2.09	-0.69	-1.68	0.76
		614	11.19	1.87	-2.46	-2.31	1.71	0.81	-0.05	-1.77	-0.54	-1.28	0.78
521	2	595	47.33	9.00	-27.38	-25.34	6.96	-8.37	-3.60	-5.61	-3.87	-5.33	-0.69
		596	51.99	7.87	-31.18	-30.14	6.84	-6.27	-4.26	-6.18	-4.45	-6.00	-0.57
		615	47.57	5.59	-30.48	-30.34	5.45	-2.22	-2.39	-4.33	-3.43	-3.29	-0.97
		614	42.19	5.73	-26.12	-25.85	5.46	-2.95	-1.30	-3.76	-2.68	-2.38	-1.22
521	3	595	6.64	1.61	-2.74	-2.61	1.48	-0.74	-0.25	-0.80	-0.41	-0.64	0.25
		596	6.61	1.27	-3.06	-3.04	1.25	-0.32	-0.31	-0.89	-0.47	-0.74	0.25
		615	5.92	0.94	-3.27	-3.27	0.94	0.02	-0.39	-0.83	-0.47	-0.75	0.17
		614	5.24	1.14	-2.84	-2.83	1.12	-0.21	-0.29	-0.65	-0.37	-0.57	0.15
521	4	595	17.79	3.73	-10.39	-9.53	2.87	-3.38	-1.33	-2.03	-1.43	-1.93	-0.24
		596	19.46	3.20	-11.79	-11.35	2.77	-2.52	-1.57	-2.24	-1.64	-2.17	-0.20
		615	18.03	2.25	-11.60	-11.53	2.18	-0.98	-0.91	-1.60	-1.29	-1.23	-0.35
		614	16.05	2.38	-9.95	-9.81	2.23	-1.32	-0.51	-1.39	-1.01	-0.89	-0.44
522	1	596	13.11	2.04	-2.41	-2.08	1.71	1.17	0.20	-1.84	-0.49	-1.15	0.97
		597	14.00	1.99	-2.68	-1.93	1.25	1.71	0.09	-1.94	-0.51	-1.34	0.93
		616	14.25	1.43	-2.98	-2.42	0.86	1.47	-0.46	-2.39	-0.79	-2.06	0.73
		615	12.73	1.59	-2.83	-2.48	1.24	1.18	-0.27	-2.09	-0.68	-1.68	0.76
522	2	596	52.06	7.89	-31.14	-30.11	6.86	-6.28	-4.30	-6.18	-4.48	-6.01	-0.55
		597	55.94	7.16	-34.03	-33.59	6.71	-4.27	-4.84	-6.63	-4.93	-6.54	-0.40
		616	51.38	5.43	-33.72	-33.67	5.38	-1.48	-3.23	-4.66	-3.90	-3.99	-0.72
		615	47.32	5.56	-30.53	-30.40	5.42	-2.20	-2.34	-4.31	-3.37	-3.28	-0.98
522	3	596	6.62	1.27	-3.06	-3.03	1.25	-0.32	-0.32	-0.89	-0.47	-0.74	0.26
		597	6.64	1.06	-3.28	-3.28	1.06	0.06	-0.37	-0.97	-0.51	-0.83	0.25
		616	6.57	0.79	-3.56	-3.54	0.78	0.23	-0.47	-0.98	-0.54	-0.91	0.17
		615	5.93	0.93	-3.28	-3.28	0.93	0.03	-0.39	-0.83	-0.47	-0.75	0.17
522	4	596	19.49	3.21	-11.78	-11.34	2.77	-2.53	-1.59	-2.24	-1.65	-2.18	-0.19
		597	20.90	2.86	-12.85	-12.66	2.68	-1.71	-1.79	-2.40	-1.82	-2.37	-0.14
		616	19.46	2.15	-12.83	-12.80	2.12	-0.65	-1.22	-1.73	-1.46	-1.49	-0.25



		615	17.94	2.24	-11.62	-11.55	2.17	-0.97	-0.89	-1.59	-1.26	-1.22	-0.35
523	1	597	14.01	1.99	-2.67	-1.93	1.25	1.71	0.09	-1.94	-0.52	-1.34	0.93
		598	14.68	2.16	-2.82	-1.52	0.86	2.19	-0.02	-2.02	-0.53	-1.52	0.87
		617	15.66	1.37	-2.94	-2.11	0.54	1.70	-0.63	-2.67	-0.88	-2.42	0.68
		616	14.26	1.43	-2.98	-2.42	0.86	1.48	-0.46	-2.39	-0.79	-2.06	0.73
523	2	597	55.95	7.17	-34.01	-33.56	6.72	-4.28	-4.85	-6.63	-4.94	-6.54	-0.39
		598	58.64	6.70	-35.91	-35.78	6.57	-2.36	-5.22	-6.95	-5.25	-6.92	-0.23
		617	53.99	5.30	-35.82	-35.80	5.29	-0.78	-3.90	-4.81	-4.22	-4.49	-0.44
		616	51.29	5.41	-33.76	-33.70	5.36	-1.47	-3.21	-4.65	-3.88	-3.99	-0.72
523	3	597	6.64	1.06	-3.27	-3.27	1.06	0.06	-0.37	-0.97	-0.52	-0.83	0.26
		598	6.70	0.94	-3.38	-3.34	0.90	0.41	-0.42	-1.03	-0.54	-0.91	0.25
		617	7.13	0.69	-3.68	-3.64	0.65	0.40	-0.53	-1.11	-0.59	-1.05	0.18
		616	6.58	0.79	-3.56	-3.55	0.78	0.23	-0.47	-0.98	-0.54	-0.91	0.17
523	4	597	20.91	2.87	-12.84	-12.65	2.68	-1.72	-1.80	-2.40	-1.83	-2.37	-0.13
		598	21.90	2.64	-13.54	-13.49	2.59	-0.94	-1.93	-2.52	-1.94	-2.51	-0.08
		617	20.44	2.07	-13.63	-13.62	2.06	-0.34	-1.47	-1.78	-1.58	-1.67	-0.15
		616	19.42	2.14	-12.84	-12.82	2.11	-0.64	-1.21	-1.72	-1.45	-1.49	-0.25
524	1	598	14.69	2.16	-2.82	-1.52	0.86	2.19	-0.02	-2.02	-0.53	-1.52	0.87
		599	15.21	2.53	-2.85	-0.84	0.53	2.60	-0.13	-2.09	-0.52	-1.69	0.79
		618	16.96	1.42	-2.72	-1.57	0.27	1.86	-0.76	-2.93	-0.95	-2.74	0.61
		617	15.67	1.37	-2.94	-2.11	0.54	1.70	-0.63	-2.67	-0.88	-2.42	0.68
524	2	598	58.63	6.70	-35.90	-35.76	6.57	-2.37	-5.23	-6.95	-5.25	-6.92	-0.21
		599	59.96	6.43	-36.76	-36.76	6.43	-0.54	-5.40	-7.14	-5.40	-7.14	-0.05
		618	55.27	5.21	-36.80	-36.80	5.21	-0.12	-4.34	-4.82	-4.38	-4.77	-0.14
		617	53.96	5.29	-35.84	-35.82	5.28	-0.77	-3.90	-4.80	-4.21	-4.49	-0.43
524	3	598	6.71	0.94	-3.38	-3.34	0.90	0.41	-0.42	-1.04	-0.54	-0.91	0.25
		599	7.00	0.90	-3.35	-3.22	0.77	0.72	-0.45	-1.08	-0.55	-0.98	0.24
		618	7.55	0.62	-3.64	-3.57	0.55	0.54	-0.57	-1.22	-0.62	-1.17	0.18
		617	7.13	0.69	-3.68	-3.64	0.65	0.40	-0.53	-1.11	-0.59	-1.05	0.18
524	4	598	21.90	2.65	-13.54	-13.48	2.59	-0.94	-1.93	-2.52	-1.94	-2.51	-0.07
		599	22.39	2.52	-13.87	-13.86	2.52	-0.21	-2.00	-2.59	-2.00	-2.59	-0.01
		618	20.92	2.01	-14.01	-14.01	2.01	-0.04	-1.63	-1.79	-1.64	-1.77	-0.05
		617	20.42	2.06	-13.64	-13.63	2.06	-0.33	-1.47	-1.78	-1.58	-1.67	-0.15
525	1	599	15.21	2.53	-2.85	-0.85	0.53	2.60	-0.13	-2.09	-0.52	-1.69	0.79
		600	15.64	3.13	-2.79	0.09	0.26	2.96	-0.22	-2.14	-0.50	-1.86	0.68
		619	18.12	1.64	-2.39	-0.80	0.05	1.97	-0.87	-3.15	-0.99	-3.03	0.52
		618	16.96	1.43	-2.72	-1.57	0.27	1.86	-0.76	-2.93	-0.95	-2.74	0.61
525	2	599	59.96	6.43	-36.76	-36.75	6.43	-0.54	-5.41	-7.14	-5.41	-7.14	-0.03
		600	59.84	6.35	-36.59	-36.55	6.31	1.22	-5.39	-7.19	-5.40	-7.18	0.14
		619	55.14	5.15	-36.70	-36.70	5.15	0.48	-4.33	-4.88	-4.38	-4.83	0.16
		618	55.25	5.20	-36.81	-36.81	5.20	-0.12	-4.34	-4.81	-4.38	-4.77	-0.13
525	3	599	7.00	0.90	-3.35	-3.22	0.77	0.72	-0.44	-1.08	-0.55	-0.98	0.24
		600	7.11	0.94	-3.20	-2.93	0.67	1.02	-0.46	-1.11	-0.54	-1.03	0.22
		619	7.82	0.59	-3.45	-3.34	0.47	0.66	-0.59	-1.30	-0.63	-1.26	0.17
		618	7.55	0.62	-3.64	-3.57	0.55	0.54	-0.57	-1.22	-0.62	-1.17	0.18
525	4	599	22.39	2.52	-13.87	-13.86	2.52	-0.21	-2.00	-2.59	-2.00	-2.59	-7.06e-03
		600	22.35	2.48	-13.81	-13.79	2.47	0.50	-1.99	-2.61	-1.99	-2.60	0.05
		619	20.88	1.99	-13.98	-13.97	1.99	0.22	-1.62	-1.81	-1.64	-1.79	0.06
		618	20.91	2.01	-14.01	-14.01	2.01	-0.04	-1.63	-1.79	-1.64	-1.77	-0.04
526	1	600	15.65	3.13	-2.79	0.09	0.25	2.96	-0.22	-2.14	-0.50	-1.86	0.68
		601	16.09	3.98	-2.66	1.30	0.02	3.26	-0.28	-2.19	-0.46	-2.02	0.55
		620	19.14	2.06	-2.00	0.19	-0.13	2.03	-0.94	-3.33	-1.01	-3.26	0.40
		619	18.13	1.64	-2.39	-0.79	0.05	1.97	-0.87	-3.15	-0.99	-3.03	0.52
526	2	600	59.85	6.34	-36.59	-36.55	6.31	1.21	-5.38	-7.19	-5.40	-7.18	0.15
		601	58.28	6.44	-35.37	-35.17	6.23	2.91	-5.18	-7.11	-5.23	-7.05	0.31
		620	53.58	5.14	-35.52	-35.50	5.12	1.03	-3.95	-4.94	-4.22	-4.66	0.44
		619	55.13	5.15	-36.69	-36.69	5.15	0.48	-4.33	-4.88	-4.38	-4.83	0.16
526	3	600	7.11	0.94	-3.20	-2.93	0.67	1.01	-0.46	-1.11	-0.54	-1.03	0.22
		601	7.05	1.07	-2.93	-2.47	0.60	1.28	-0.46	-1.12	-0.52	-1.06	0.19
		620	7.94	0.59	-3.11	-2.94	0.42	0.76	-0.59	-1.35	-0.63	-1.31	0.15
		619	7.82	0.59	-3.45	-3.34	0.47	0.66	-0.59	-1.30	-0.63	-1.26	0.17
526	4	600	22.36	2.48	-13.81	-13.79	2.47	0.50	-1.99	-2.61	-1.99	-2.60	0.06
		601	21.78	2.53	-13.36	-13.27	2.44	1.18	-1.91	-2.58	-1.93	-2.56	0.12
		620	20.30	1.99	-13.53	-13.52	1.98	0.47	-1.47	-1.84	-1.58	-1.73	0.17
		619	20.88	1.99	-13.97	-13.97	1.99	0.22	-1.61	-1.82	-1.64	-1.79	0.06
527	1	601	16.10	3.98	-2.66	1.30	0.02	3.26	-0.28	-2.19	-0.46	-2.02	0.55
		602	16.66	5.10	-2.50	2.77	-0.17	3.51	-0.32	-2.23	-0.40	-2.15	0.38
		621	20.03	2.76	-1.63	1.40	-0.27	2.03	-0.97	-3.47	-1.00	-3.44	0.27
		620	19.15	2.07	-2.00	0.20	-0.13	2.03	-0.94	-3.33	-1.01	-3.26	0.40
527	2	601	58.30	6.43	-35.39	-35.18	6.23	2.91	-5.17	-7.11	-5.23	-7.05	0.32
		602	55.31	6.73	-33.14	-32.61	6.20	4.57	-4.79	-6.88	-4.90	-6.77	0.47
		621	50.57	5.18	-33.26	-33.20	5.12	1.52	-3.36	-4.82	-3.89	-4.29	0.70
		620	53.56	5.15	-35.50	-35.47	5.13	1.03	-3.94	-4.94	-4.22	-4.66	0.45
527	3	601	7.05	1.07	-2.93	-2.47	0.60	1.28	-0.46	-1.12	-0.52	-1.06	0.19
		602	6.86	1.31	-2.58	-1.82	0.55	1.53	-0.44	-1.12	-0.47	-1.08	0.15
		621	7.90	0.63	-2.63	-2.39	0.39	0.84	-0.58	-1.36	-0.60	-1.34	0.13
		620	7.94	0.59	-3.10	-2.94	0.42	0.76	-0.59	-1.35	-0.63	-1.32	0.15



527	4	601	21.79	2.53	-13.36	-13.28	2.44	1.18	-1.91	-2.58	-1.93	-2.56	0.12
		602	20.68	2.67	-12.53	-12.31	2.44	1.85	-1.76	-2.49	-1.81	-2.45	0.17
		621	19.18	2.02	-12.68	-12.64	1.99	0.69	-1.25	-1.79	-1.46	-1.59	0.26
		620	20.30	1.99	-13.52	-13.51	1.98	0.47	-1.47	-1.84	-1.58	-1.73	0.17
528	1	602	16.67	5.10	-2.50	2.77	-0.17	3.51	-0.32	-2.24	-0.40	-2.16	0.38
		603	17.46	6.50	-2.30	4.51	-0.30	3.69	-0.31	-2.28	-0.32	-2.27	0.18
		622	20.77	3.76	-1.30	2.80	-0.34	1.98	-0.96	-3.54	-0.96	-3.54	0.11
		621	20.03	2.77	-1.63	1.41	-0.26	2.03	-0.97	-3.47	-1.00	-3.44	0.27
528	2	602	55.35	6.72	-33.16	-32.63	6.19	4.56	-4.78	-6.88	-4.90	-6.76	0.48
		603	51.06	7.28	-29.91	-28.84	6.21	6.21	-4.24	-6.51	-4.42	-6.33	0.61
		622	46.15	5.27	-29.90	-29.79	5.16	1.96	-2.62	-4.51	-3.41	-3.72	0.94
		621	50.56	5.20	-33.23	-33.16	5.14	1.53	-3.35	-4.83	-3.89	-4.29	0.71
528	3	602	6.86	1.30	-2.58	-1.83	0.55	1.53	-0.44	-1.12	-0.47	-1.08	0.15
		603	6.75	1.69	-2.16	-1.00	0.54	1.76	-0.40	-1.10	-0.42	-1.09	0.10
		622	7.70	0.74	-2.03	-1.69	0.40	0.91	-0.54	-1.34	-0.55	-1.33	0.10
		621	7.90	0.63	-2.62	-2.39	0.40	0.85	-0.58	-1.36	-0.60	-1.34	0.13
528	4	602	20.70	2.67	-12.54	-12.31	2.44	1.85	-1.76	-2.50	-1.81	-2.45	0.18
		603	19.13	2.93	-11.34	-10.89	2.47	2.51	-1.56	-2.36	-1.63	-2.29	0.23
		622	17.54	2.09	-11.40	-11.34	2.03	0.90	-0.98	-1.68	-1.28	-1.38	0.34
		621	19.18	2.03	-12.66	-12.63	2.00	0.70	-1.25	-1.79	-1.46	-1.59	0.26
529	1	603	17.47	6.50	-2.30	4.50	-0.31	3.69	-0.30	-2.29	-0.32	-2.27	0.19
		604	18.60	8.18	-2.06	6.50	-0.38	3.79	-0.22	-2.34	-0.23	-2.34	-0.05
		623	21.38	5.04	-1.00	4.38	-0.34	1.87	-0.88	-3.56	-0.89	-3.56	-0.08
		622	20.77	3.77	-1.30	2.81	-0.34	1.99	-0.96	-3.55	-0.96	-3.54	0.11
529	2	603	51.11	7.27	-29.94	-28.87	6.21	6.20	-4.23	-6.51	-4.42	-6.33	0.62
		604	45.81	8.19	-25.76	-23.84	6.26	7.85	-3.55	-6.00	-3.79	-5.76	0.73
		623	40.38	5.40	-25.39	-25.21	5.22	2.35	-1.75	-4.01	-2.78	-2.99	1.12
		622	46.14	5.30	-29.84	-29.73	5.18	1.97	-2.61	-4.52	-3.41	-3.72	0.94
529	3	603	6.75	1.69	-2.16	-1.01	0.54	1.76	-0.40	-1.10	-0.42	-1.09	0.10
		604	6.90	2.27	-1.72	-0.01	0.56	1.98	-0.34	-1.07	-0.34	-1.07	0.04
		623	7.38	0.95	-1.35	-0.83	0.43	0.96	-0.47	-1.28	-0.48	-1.28	0.06
		622	7.70	0.74	-2.02	-1.68	0.40	0.91	-0.54	-1.34	-0.55	-1.33	0.10
529	4	603	19.14	2.92	-11.35	-10.90	2.47	2.51	-1.56	-2.36	-1.63	-2.29	0.23
		604	17.21	3.34	-9.82	-9.00	2.52	3.18	-1.30	-2.17	-1.39	-2.08	0.27
		623	15.41	2.18	-9.70	-9.60	2.08	1.10	-0.66	-1.49	-1.04	-1.11	0.41
		622	17.53	2.10	-11.38	-11.32	2.04	0.91	-0.98	-1.68	-1.28	-1.38	0.35
530	1	604	18.61	8.17	-2.06	6.50	-0.39	3.79	-0.22	-2.35	-0.23	-2.34	-0.05
		605	20.16	10.10	-1.76	8.73	-0.39	3.80	-0.06	-2.41	-0.11	-2.36	-0.32
		624	21.88	6.54	-0.69	6.11	-0.26	1.70	-0.75	-3.51	-0.78	-3.48	-0.29
		623	21.38	5.05	-0.99	4.40	-0.34	1.88	-0.89	-3.56	-0.89	-3.56	-0.08
530	2	604	45.87	8.17	-25.79	-23.88	6.25	7.84	-3.54	-6.00	-3.78	-5.76	0.74
		605	40.18	9.67	-20.86	-17.53	6.34	9.51	-2.72	-5.37	-3.01	-5.08	0.82
		624	33.52	5.57	-19.71	-19.42	5.28	2.71	-0.80	-3.32	-2.00	-2.12	1.26
		623	40.39	5.44	-25.33	-25.14	5.25	2.37	-1.75	-4.02	-2.78	-2.99	1.13
530	3	604	6.90	2.26	-1.73	-0.02	0.55	1.97	-0.34	-1.07	-0.34	-1.07	0.04
		605	7.21	3.06	-1.30	1.15	0.61	2.16	-0.24	-1.03	-0.24	-1.02	-0.04
		624	6.97	1.34	-0.67	0.17	0.50	0.99	-0.39	-1.19	-0.39	-1.19	1.68e-03
		623	7.38	0.95	-1.34	-0.82	0.43	0.96	-0.48	-1.28	-0.48	-1.28	0.06
530	4	604	17.23	3.34	-9.83	-9.01	2.52	3.17	-1.30	-2.17	-1.39	-2.08	0.27
		605	15.19	4.00	-8.03	-6.63	2.60	3.86	-1.00	-1.94	-1.10	-1.83	0.30
		624	12.90	2.32	-7.57	-7.40	2.14	1.29	-0.31	-1.23	-0.75	-0.79	0.46
		623	15.41	2.20	-9.68	-9.57	2.09	1.10	-0.66	-1.49	-1.04	-1.11	0.41
531	1	605	20.18	10.10	-1.77	8.73	-0.39	3.79	-0.06	-2.41	-0.11	-2.37	-0.32
		606	22.19	12.25	-1.38	11.17	-0.30	3.68	0.20	-2.47	0.04	-2.31	-0.63
		625	22.34	8.20	-0.32	7.95	-0.07	1.45	-0.52	-3.38	-0.63	-3.28	-0.53
		624	21.88	6.56	-0.68	6.13	-0.25	1.71	-0.75	-3.51	-0.78	-3.48	-0.29
531	2	605	40.25	9.64	-20.90	-17.58	6.32	9.50	-2.71	-5.37	-3.00	-5.08	0.83
		606	35.52	12.16	-15.59	-9.85	6.41	11.24	-1.79	-4.63	-2.09	-4.33	0.87
		625	26.30	5.82	-12.83	-12.33	5.32	3.03	0.22	-2.46	-1.07	-1.16	1.34
		624	33.56	5.62	-19.63	-19.33	5.33	2.73	-0.80	-3.33	-2.01	-2.12	1.27
531	3	605	7.20	3.06	-1.30	1.15	0.60	2.16	-0.24	-1.03	-0.24	-1.03	-0.04
		606	7.71	4.08	-0.90	2.49	0.70	2.33	-0.11	-0.97	-0.13	-0.95	-0.13
		625	6.54	2.02	-0.10	1.30	0.62	1.00	-0.27	-1.07	-0.27	-1.06	-0.06
		624	6.97	1.35	-0.66	0.18	0.51	0.99	-0.39	-1.19	-0.39	-1.19	1.65e-03
531	4	605	15.21	3.99	-8.04	-6.65	2.59	3.85	-0.99	-1.94	-1.10	-1.83	0.30
		606	13.57	5.06	-6.11	-3.74	2.69	4.57	-0.65	-1.67	-0.76	-1.55	0.32
		625	10.32	2.51	-5.01	-4.71	2.21	1.47	0.07	-0.91	-0.40	-0.44	0.49
		624	12.91	2.33	-7.54	-7.37	2.16	1.30	-0.31	-1.23	-0.75	-0.79	0.46
532	1	606	22.24	12.25	-1.39	11.17	-0.31	3.68	0.20	-2.47	0.04	-2.31	-0.63
		607	24.70	14.56	-0.90	13.77	-0.10	3.41	0.56	-2.50	0.21	-2.15	-0.97
		626	22.86	9.96	0.11	9.83	0.24	1.12	-0.20	-3.17	-0.43	-2.95	-0.78
		625	22.32	8.23	-0.31	7.97	-0.06	1.46	-0.53	-3.38	-0.63	-3.28	-0.53
532	2	606	35.60	12.10	-15.64	-9.92	6.38	11.23	-1.77	-4.63	-2.08	-4.32	0.89
		607	34.39	16.44	-10.67	-0.70	6.47	13.08	-0.76	-3.82	-1.05	-3.52	0.90
		626	21.14	6.37	-4.93	-3.84	5.29	3.33	1.28	-1.44	-0.01	-0.15	1.36
		625	26.41	5.90	-12.74	-12.22	5.38	3.07	0.21	-2.47	-1.10	-1.17	1.34
532	3	606	7.70	4.08	-0.90	2.48	0.69	2.32	-0.11	-0.97	-0.13	-0.96	-0.12



		607	8.43	5.32	-0.51	3.97	0.83	2.45	0.05	-0.91	-1.66e-03	-0.85	-0.23
		626	6.18	2.99	0.33	2.55	0.78	1.00	-0.11	-0.92	-0.13	-0.89	-0.14
		625	6.55	2.04	-0.10	1.31	0.63	1.01	-0.27	-1.07	-0.27	-1.06	-0.06
532	4	606	13.60	5.04	-6.13	-3.77	2.68	4.56	-0.64	-1.67	-0.76	-1.55	0.32
		607	13.27	6.77	-4.30	-0.31	2.78	5.32	-0.27	-1.37	-0.38	-1.26	0.33
		626	8.57	2.89	-2.12	-1.50	2.27	1.65	0.46	-0.53	-6.72e-03	-0.06	0.50
		625	10.36	2.54	-4.98	-4.67	2.24	1.49	0.06	-0.92	-0.41	-0.44	0.49
533	1	607	24.81	14.55	-0.91	13.76	-0.12	3.41	0.58	-2.50	0.23	-2.16	-0.97
		608	27.69	16.96	-0.32	16.43	0.21	2.98	1.05	-2.49	0.42	-1.86	-1.36
		627	23.65	11.71	0.62	11.67	0.66	0.71	0.23	-2.88	-0.17	-2.48	-1.05
		626	22.78	9.99	0.14	9.85	0.27	1.14	-0.22	-3.18	-0.45	-2.95	-0.78
533	2	607	34.46	16.34	-10.71	-0.78	6.41	13.04	-0.71	-3.81	-1.00	-3.51	0.91
		608	39.46	23.43	-6.92	10.03	6.48	15.07	0.34	-2.97	0.08	-2.71	0.89
		627	23.41	9.33	1.99	6.19	5.14	3.63	2.37	-0.29	1.22	0.86	1.32
		626	21.27	6.52	-4.84	-3.71	5.39	3.40	1.21	-1.48	-0.10	-0.17	1.35
533	3	607	8.40	5.30	-0.51	3.96	0.82	2.45	0.06	-0.91	7.61e-03	-0.85	-0.23
		608	9.37	6.73	-0.12	5.59	1.01	2.54	0.26	-0.82	0.15	-0.70	-0.34
		627	6.31	4.19	0.68	3.89	0.97	0.97	0.10	-0.74	0.04	-0.68	-0.22
		626	6.23	3.03	0.33	2.57	0.79	1.01	-0.12	-0.92	-0.14	-0.90	-0.14
533	4	607	13.29	6.73	-4.32	-0.35	2.76	5.30	-0.25	-1.36	-0.36	-1.25	0.33
		608	15.20	9.42	-2.85	3.70	2.87	6.12	0.14	-1.05	0.04	-0.96	0.33
		627	9.41	4.12	0.44	2.27	2.30	1.84	0.87	-0.11	0.45	0.31	0.48
		626	8.62	2.95	-2.10	-1.45	2.31	1.68	0.44	-0.55	-0.04	-0.07	0.49
534	1	608	27.92	16.94	-0.35	16.42	0.17	2.96	1.09	-2.47	0.47	-1.85	-1.35
		609	31.02	19.34	0.35	19.04	0.65	2.38	1.67	-2.38	0.67	-1.38	-1.75
		628	25.18	13.38	1.09	13.38	1.10	0.25	0.80	-2.56	0.13	-1.90	-1.34
		627	23.45	11.76	0.69	11.70	0.74	0.75	0.20	-2.91	-0.22	-2.49	-1.06
534	2	608	39.61	23.23	-6.94	9.93	6.36	14.98	0.49	-2.93	0.25	-2.69	0.88
		609	50.84	33.50	-4.65	22.28	6.57	17.38	1.44	-2.13	1.20	-1.89	0.89
		628	35.69	19.19	3.53	18.06	4.66	4.05	3.55	0.93	2.70	1.78	1.23
		627	22.72	9.65	2.04	6.35	5.34	3.77	2.14	-0.42	0.91	0.81	1.28
534	3	608	9.30	6.70	-0.13	5.58	0.99	2.53	0.29	-0.82	0.17	-0.70	-0.34
		609	10.49	8.27	0.28	7.31	1.24	2.60	0.51	-0.71	0.30	-0.50	-0.45
		628	7.80	5.54	0.95	5.33	1.16	0.94	0.36	-0.56	0.24	-0.44	-0.31
		627	6.18	4.23	0.70	3.92	1.01	1.00	0.07	-0.75	2.62e-04	-0.69	-0.22
534	4	608	15.23	9.35	-2.86	3.66	2.82	6.09	0.20	-1.04	0.11	-0.95	0.32
		609	19.43	13.16	-1.90	8.27	2.99	7.05	0.55	-0.75	0.46	-0.66	0.33
		628	13.78	7.53	1.41	6.72	2.21	2.07	1.31	0.34	1.00	0.65	0.45
		627	9.19	4.25	0.46	2.33	2.38	1.90	0.78	-0.16	0.34	0.29	0.47
535	1	609	31.16	19.29	0.17	19.00	0.46	2.35	1.73	-2.29	0.75	-1.30	-1.73
		610	34.50	21.40	1.11	21.27	1.24	1.64	2.50	-2.04	1.04	-0.58	-2.12
		629	28.05	14.94	1.27	14.94	1.27	-0.10	1.38	-2.41	0.40	-1.44	-1.66
		628	24.96	13.49	1.32	13.49	1.33	0.32	0.71	-2.66	0.02	-1.97	-1.36
535	2	609	51.27	33.05	-4.62	22.29	6.14	17.01	1.76	-2.03	1.58	-1.84	0.81
		610	66.65	45.83	-3.48	34.71	7.64	20.61	2.81	-0.86	2.47	-0.52	1.07
		629	58.34	33.81	1.58	32.75	2.64	5.75	4.95	1.51	4.51	1.96	1.16
		628	31.73	19.68	4.05	18.39	5.35	4.31	2.83	0.46	1.71	1.59	1.19
535	3	609	10.39	8.22	0.22	7.29	1.15	2.56	0.56	-0.67	0.36	-0.47	-0.46
		610	11.76	9.79	0.71	8.91	1.59	2.69	0.82	-0.47	0.51	-0.17	-0.55
		629	10.34	7.10	0.97	6.93	1.15	1.02	0.64	-0.48	0.46	-0.29	-0.41
		628	7.30	5.62	1.06	5.39	1.29	0.99	0.27	-0.62	0.13	-0.48	-0.32
535	4	609	19.52	12.97	-1.88	8.27	2.83	6.91	0.67	-0.70	0.60	-0.63	0.30
		610	25.40	17.74	-1.36	12.90	3.48	8.31	1.07	-0.28	0.94	-0.15	0.40
		629	22.00	12.87	0.88	12.20	1.55	2.76	1.84	0.55	1.68	0.71	0.42
		628	12.41	7.74	1.58	6.84	2.48	2.17	1.04	0.17	0.63	0.57	0.44
536	1	610	32.69	21.19	1.12	21.08	1.24	1.49	2.43	-1.60	1.10	-0.27	-1.90
		158	45.30	20.24	1.78	20.17	1.85	1.14	5.27	-1.54	2.43	1.30	-3.36
		96	27.80	17.91	1.06	17.88	1.08	0.61	1.59	-1.88	0.50	-0.80	-1.61
		629	29.50	15.36	1.66	15.35	1.67	0.29	1.05	-3.11	0.08	-2.14	-1.76
536	2	610	65.40	45.64	-3.92	34.19	7.53	20.88	2.67	-0.67	2.29	-0.29	1.05
		158	90.87	50.44	-2.50	37.41	10.54	22.81	8.88	4.39	8.80	4.47	0.60
		96	107.83	59.80	-8.64	53.87	-2.71	19.25	7.62	0.27	7.52	0.37	0.85
		629	48.02	37.17	3.07	36.34	3.91	5.27	2.59	-0.34	1.49	0.76	1.42
536	3	610	11.38	9.69	0.71	8.81	1.58	2.66	0.80	-0.34	0.52	-0.06	-0.49
		158	15.80	9.74	1.09	8.76	2.07	2.74	2.09	0.08	1.39	0.77	-0.96
		96	14.08	10.01	0.22	9.42	0.80	2.32	0.87	-0.39	0.72	-0.23	-0.41
		629	9.70	7.54	1.17	7.33	1.37	1.13	0.32	-0.79	0.13	-0.60	-0.42
536	4	610	24.94	17.67	-1.52	12.70	3.44	8.40	1.01	-0.21	0.87	-0.07	0.39
		158	34.28	19.52	-1.00	13.87	4.64	9.16	3.31	1.68	3.28	1.71	0.22
		96	40.43	22.75	-2.98	20.09	-0.32	7.84	2.84	0.08	2.80	0.11	0.32
		629	18.25	14.11	1.47	13.55	2.04	2.61	0.94	-0.13	0.54	0.26	0.52
537	1	4	10.87	5.67	-0.95	0.07	4.65	-2.39	1.14	0.10	0.76	0.48	0.50
		611	14.14	5.32	-0.86	0.50	3.96	-2.56	0.69	-1.09	-0.32	-0.09	0.88
		630	8.97	3.61	-1.12	-0.56	3.05	-1.53	0.16	-0.75	-0.17	-0.42	0.44
		53	12.20	5.74	-1.31	0.20	4.23	-2.89	1.08	-0.09	0.80	0.20	0.50
537	2	4	50.02	16.28	-16.66	-1.80	1.41	-16.40	5.22	0.29	4.72	0.79	-1.49
		611	51.30	26.10	-14.90	5.19	6.00	-20.50	-0.80	-3.95	-3.14	-1.62	-1.38



		630	44.28	12.53	-16.63	-8.10	3.99	-13.27	0.94	-3.05	-0.59	-1.52	-1.94
		53	58.76	20.27	-12.73	2.93	4.62	-16.48	5.10	-0.33	3.19	1.58	-2.59
537	3	4	6.27	3.72	-1.76	-0.14	2.09	-2.50	0.59	0.23	0.58	0.24	0.05
		611	7.23	4.27	-1.62	0.54	2.11	-2.84	-0.03	-0.42	-0.32	-0.13	0.17
		630	4.48	2.63	-1.90	-0.86	1.59	-1.91	-0.07	-0.21	-0.07	-0.21	-5.78e-03
		53	5.72	4.05	-1.63	0.27	2.15	-2.68	0.44	0.15	0.44	0.15	-0.02
537	4	4	19.26	6.94	-6.49	-0.69	1.14	-6.65	1.94	0.15	1.76	0.33	-0.54
		611	19.84	10.48	-5.84	1.93	2.72	-8.15	-0.30	-1.44	-1.16	-0.59	-0.50
		630	17.12	5.32	-6.54	-3.09	1.87	-5.38	0.37	-1.10	-0.19	-0.54	-0.71
		53	22.52	8.40	-5.06	1.08	2.27	-6.71	1.84	-0.13	1.14	0.56	-0.94
538	1	611	13.52	5.03	-1.29	-0.18	3.91	-2.41	0.86	-0.79	0.11	-0.04	0.82
		612	12.11	3.56	-1.71	-1.19	3.04	-1.57	0.37	-1.19	-0.35	-0.48	0.78
		631	10.11	2.28	-1.18	-1.03	2.13	-0.72	-0.15	-1.32	-0.38	-1.09	0.46
		630	9.14	3.69	-0.95	-0.37	3.10	-1.54	0.13	-0.80	-0.22	-0.46	0.45
538	2	611	52.00	22.34	-21.10	-2.50	3.74	-21.50	2.51	-0.47	1.58	0.46	-1.38
		612	57.89	18.49	-24.99	-12.26	5.75	-19.79	0.29	-3.35	-2.27	-0.79	-1.66
		631	47.93	9.73	-17.80	-10.81	2.74	-11.98	-0.18	-5.17	-1.48	-3.87	-2.19
		630	45.07	13.57	-13.05	-4.42	4.94	-12.46	0.03	-4.20	-1.70	-2.47	-2.08
538	3	611	7.05	3.88	-2.22	-0.27	1.93	-2.85	0.25	-0.09	0.15	0.02	0.16
		612	6.11	3.00	-2.67	-1.36	1.70	-2.39	-0.12	-0.38	-0.28	-0.21	0.12
		631	5.17	1.81	-1.97	-1.26	1.11	-1.47	-0.22	-0.58	-0.22	-0.58	-9.26e-03
		630	4.44	2.74	-1.57	-0.51	1.68	-1.85	-0.18	-0.29	-0.18	-0.29	-0.01
538	4	611	20.06	9.08	-8.16	-0.96	1.88	-8.50	0.91	-0.16	0.58	0.17	-0.50
		612	22.15	7.50	-9.64	-4.64	2.50	-7.79	0.08	-1.24	-0.85	-0.31	-0.60
		631	18.12	4.09	-6.96	-4.16	1.29	-4.81	-0.07	-1.88	-0.54	-1.40	-0.80
		630	17.36	5.71	-5.20	-1.71	2.22	-5.09	0.02	-1.52	-0.62	-0.89	-0.76
539	1	612	12.36	3.55	-1.67	-1.18	3.07	-1.52	0.48	-1.13	-0.18	-0.46	0.79
		613	11.57	2.37	-1.95	-1.87	2.29	-0.59	0.14	-1.46	-0.44	-0.88	0.77
		632	11.26	1.51	-1.84	-1.84	1.51	0.05	-0.39	-1.76	-0.59	-1.56	0.48
		631	9.93	2.27	-1.23	-1.09	2.12	-0.70	-0.19	-1.31	-0.44	-1.07	0.47
539	2	612	51.79	17.97	-25.05	-12.41	5.33	-19.60	1.05	-1.82	-0.46	-0.31	-1.44
		613	54.62	13.70	-28.04	-19.84	5.51	-16.58	-0.45	-3.51	-2.37	-1.59	-1.48
		632	49.32	6.96	-21.73	-17.64	2.87	-10.03	-1.47	-6.23	-2.60	-5.10	-2.03
		631	48.99	9.81	-17.58	-10.94	3.18	-11.73	-0.86	-5.57	-2.35	-4.08	-2.19
539	3	612	6.43	2.96	-2.65	-1.37	1.68	-2.35	0.02	-0.29	-0.10	-0.17	0.15
		613	5.90	2.09	-2.92	-2.19	1.37	-1.76	-0.22	-0.49	-0.32	-0.39	0.13
		632	5.97	1.16	-2.41	-2.10	0.85	-1.00	-0.37	-0.81	-0.37	-0.81	7.63e-03
		631	5.05	1.81	-1.97	-1.30	1.14	-1.45	-0.30	-0.59	-0.30	-0.59	-8.81e-03
539	4	612	19.87	7.30	-9.65	-4.70	2.35	-7.71	0.36	-0.67	-0.18	-0.13	-0.52
		613	20.80	5.55	-10.75	-7.52	2.32	-6.50	-0.19	-1.30	-0.89	-0.60	-0.53
		632	18.54	2.90	-8.43	-6.79	1.26	-3.99	-0.55	-2.28	-0.96	-1.86	-0.74
		631	18.54	4.12	-6.89	-4.22	1.45	-4.72	-0.32	-2.03	-0.86	-1.48	-0.79
540	1	613	11.71	2.39	-1.95	-1.87	2.31	-0.57	0.19	-1.45	-0.39	-0.87	0.78
		614	11.64	1.73	-2.32	-2.30	1.71	0.26	-0.07	-1.76	-0.56	-1.27	0.77
		633	12.81	1.17	-2.52	-2.40	1.05	0.64	-0.61	-2.19	-0.78	-2.02	0.48
		632	11.20	1.50	-1.85	-1.85	1.50	0.04	-0.41	-1.76	-0.61	-1.56	0.48
540	2	613	51.80	13.60	-28.06	-19.95	5.48	-16.50	-0.25	-3.01	-1.79	-1.46	-1.37
		614	53.25	10.37	-30.66	-25.77	5.49	-13.29	-1.49	-4.02	-2.91	-2.59	-1.25
		633	51.32	5.18	-25.53	-23.21	2.86	-8.12	-2.55	-6.96	-3.44	-6.07	-1.77
		632	50.43	7.00	-21.69	-17.60	2.91	-10.03	-1.70	-6.39	-2.93	-5.17	-2.06
540	3	613	6.07	2.08	-2.91	-2.20	1.37	-1.75	-0.16	-0.48	-0.26	-0.38	0.15
		614	6.03	1.45	-3.15	-2.82	1.12	-1.18	-0.31	-0.66	-0.39	-0.58	0.15
		633	6.85	0.76	-2.87	-2.77	0.66	-0.61	-0.49	-1.03	-0.49	-1.02	0.03
		632	5.90	1.16	-2.42	-2.11	0.85	-1.01	-0.40	-0.82	-0.40	-0.82	4.38e-03
540	4	613	19.74	5.51	-10.76	-7.56	2.31	-6.46	-0.12	-1.11	-0.68	-0.56	-0.49
		614	20.20	4.18	-11.71	-9.78	2.24	-5.19	-0.58	-1.49	-1.09	-0.97	-0.45
		633	19.26	2.12	-9.86	-8.94	1.19	-3.20	-0.96	-2.55	-1.28	-2.22	-0.64
		632	18.96	2.91	-8.42	-6.77	1.27	-3.99	-0.64	-2.33	-1.09	-1.89	-0.75
541	1	614	11.68	1.74	-2.32	-2.30	1.72	0.27	-0.05	-1.76	-0.54	-1.27	0.77
		615	12.32	1.49	-2.73	-2.49	1.24	0.98	-0.27	-2.06	-0.68	-1.66	0.75
		634	14.52	1.03	-3.04	-2.71	0.70	1.11	-0.80	-2.59	-0.94	-2.46	0.47
		633	12.79	1.17	-2.52	-2.40	1.05	0.64	-0.62	-2.19	-0.79	-2.02	0.48
541	2	614	52.23	10.34	-30.71	-25.86	5.48	-13.26	-1.43	-3.85	-2.73	-2.55	-1.21
		615	53.44	8.08	-32.99	-30.36	5.45	-10.07	-2.49	-4.50	-3.49	-3.49	-1.01
		634	53.20	4.05	-28.74	-27.53	2.84	-6.17	-3.43	-7.47	-4.04	-6.86	-1.45
		633	51.87	5.19	-25.49	-23.16	2.87	-8.12	-2.61	-7.03	-3.55	-6.09	-1.80
541	3	614	6.10	1.45	-3.15	-2.83	1.13	-1.17	-0.29	-0.66	-0.38	-0.58	0.15
		615	6.35	1.03	-3.37	-3.27	0.93	-0.64	-0.40	-0.83	-0.47	-0.76	0.16
		634	7.73	0.53	-3.27	-3.25	0.51	-0.26	-0.58	-1.22	-0.59	-1.21	0.05
		633	6.83	0.76	-2.87	-2.77	0.66	-0.61	-0.50	-1.03	-0.50	-1.03	0.02
541	4	614	19.81	4.16	-11.73	-9.81	2.24	-5.18	-0.56	-1.42	-1.02	-0.96	-0.43
		615	20.22	3.22	-12.57	-11.53	2.18	-3.92	-0.95	-1.67	-1.31	-1.30	-0.36
		634	19.98	1.63	-11.09	-10.61	1.15	-2.42	-1.28	-2.74	-1.51	-2.52	-0.52
		633	19.47	2.13	-9.85	-8.92	1.20	-3.21	-0.98	-2.57	-1.32	-2.23	-0.65
542	1	615	12.33	1.49	-2.73	-2.49	1.25	0.99	-0.27	-2.06	-0.67	-1.65	0.75
		616	14.19	1.50	-3.07	-2.42	0.86	1.59	-0.46	-2.35	-0.78	-2.02	0.72
		635	16.24	1.00	-3.36	-2.78	0.42	1.48	-0.96	-2.97	-1.07	-2.86	0.46



542	2	634	14.52	1.03	-3.04	-2.71	0.70	1.11	-0.81	-2.59	-0.94	-2.46	0.47
		615	53.10	8.06	-33.04	-30.41	5.44	-10.05	-2.46	-4.45	-3.43	-3.48	-0.99
		616	54.23	6.57	-34.87	-33.68	5.38	-6.93	-3.35	-4.84	-3.97	-4.22	-0.74
542	3	635	54.76	3.35	-31.22	-30.70	2.82	-4.23	-4.12	-7.81	-4.47	-7.46	-1.08
		634	53.44	4.06	-28.71	-27.50	2.85	-6.18	-3.45	-7.50	-4.08	-6.86	-1.47
		615	6.37	1.03	-3.37	-3.28	0.94	-0.64	-0.39	-0.83	-0.47	-0.76	0.16
542	4	616	6.75	0.78	-3.55	-3.55	0.78	-0.16	-0.48	-0.98	-0.54	-0.92	0.17
		635	8.52	0.40	-3.57	-3.57	0.40	0.05	-0.65	-1.39	-0.66	-1.38	0.07
		634	7.73	0.53	-3.27	-3.25	0.51	-0.26	-0.59	-1.22	-0.59	-1.22	0.04
543	1	615	20.09	3.21	-12.59	-11.55	2.18	-3.91	-0.94	-1.64	-1.28	-1.30	-0.35
		616	20.51	2.58	-13.27	-12.81	2.12	-2.69	-1.26	-1.79	-1.48	-1.57	-0.26
		635	20.61	1.32	-12.04	-11.84	1.11	-1.64	-1.54	-2.87	-1.67	-2.74	-0.39
543	2	634	20.07	1.63	-11.08	-10.60	1.15	-2.42	-1.29	-2.75	-1.52	-2.52	-0.53
		616	14.20	1.51	-3.06	-2.42	0.86	1.59	-0.45	-2.35	-0.78	-2.02	0.72
		617	15.84	1.69	-3.27	-2.12	0.54	2.09	-0.62	-2.62	-0.87	-2.36	0.67
543	3	636	18.15	1.03	-3.47	-2.63	0.20	1.75	-1.09	-3.30	-1.18	-3.21	0.43
		635	16.24	1.00	-3.36	-2.78	0.42	1.47	-0.97	-2.97	-1.08	-2.86	0.46
		616	54.13	6.56	-34.90	-33.71	5.37	-6.92	-3.33	-4.82	-3.94	-4.21	-0.73
543	4	617	55.05	5.65	-36.17	-35.81	5.29	-3.86	-4.02	-5.01	-4.29	-4.73	-0.44
		636	55.92	2.94	-32.90	-32.75	2.79	-2.30	-4.62	-8.02	-4.75	-7.88	-0.67
		635	54.86	3.35	-31.20	-30.67	2.82	-4.23	-4.13	-7.82	-4.49	-7.46	-1.09
544	1	616	6.76	0.79	-3.55	-3.55	0.78	-0.16	-0.47	-0.98	-0.54	-0.92	0.17
		617	7.16	0.67	-3.66	-3.64	0.65	0.28	-0.53	-1.11	-0.59	-1.06	0.17
		636	9.16	0.34	-3.74	-3.71	0.31	0.32	-0.71	-1.53	-0.71	-1.52	0.09
544	2	635	8.51	0.40	-3.56	-3.56	0.40	0.05	-0.66	-1.39	-0.66	-1.38	0.07
		616	20.47	2.58	-13.29	-12.82	2.11	-2.68	-1.26	-1.79	-1.48	-1.57	-0.26
		617	20.82	2.20	-13.77	-13.63	2.06	-1.49	-1.51	-1.85	-1.61	-1.76	-0.16
544	3	636	21.08	1.14	-12.69	-12.64	1.08	-0.88	-1.72	-2.95	-1.77	-2.90	-0.24
		635	20.64	1.32	-12.03	-11.83	1.11	-1.64	-1.54	-2.87	-1.67	-2.75	-0.39
		617	15.85	1.69	-3.26	-2.11	0.54	2.09	-0.61	-2.62	-0.87	-2.36	0.67
544	4	618	17.27	2.01	-3.32	-1.58	0.27	2.50	-0.75	-2.86	-0.93	-2.67	0.60
		637	19.72	1.12	-3.38	-2.27	0.01	1.94	-1.20	-3.58	-1.26	-3.51	0.39
		636	18.14	1.03	-3.47	-2.63	0.20	1.75	-1.10	-3.30	-1.18	-3.21	0.43
544	1	617	55.02	5.65	-36.19	-35.83	5.29	-3.86	-4.01	-5.01	-4.28	-4.73	-0.45
		618	55.55	5.23	-36.83	-36.81	5.21	-0.87	-4.42	-5.05	-4.46	-5.02	-0.14
		637	56.62	2.77	-33.75	-33.75	2.77	-0.41	-4.88	-8.13	-4.90	-8.11	-0.24
544	2	636	55.96	2.94	-32.89	-32.74	2.79	-2.30	-4.62	-8.02	-4.76	-7.88	-0.68
		617	7.16	0.67	-3.66	-3.64	0.65	0.28	-0.53	-1.11	-0.59	-1.06	0.17
		618	7.53	0.66	-3.68	-3.57	0.55	0.68	-0.57	-1.22	-0.62	-1.17	0.17
544	3	637	9.62	0.32	-3.77	-3.70	0.25	0.55	-0.74	-1.64	-0.75	-1.63	0.11
		636	9.16	0.34	-3.74	-3.71	0.31	0.32	-0.71	-1.53	-0.72	-1.52	0.09
		617	20.81	2.20	-13.77	-13.63	2.06	-1.49	-1.51	-1.85	-1.60	-1.76	-0.16
544	4	618	21.02	2.02	-14.02	-14.01	2.02	-0.32	-1.66	-1.87	-1.67	-1.86	-0.05
		637	21.37	1.06	-13.03	-13.02	1.06	-0.14	-1.82	-2.99	-1.83	-2.99	-0.08
		636	21.09	1.14	-12.69	-12.63	1.08	-0.88	-1.73	-2.95	-1.77	-2.90	-0.24
545	1	618	17.27	2.02	-3.31	-1.57	0.27	2.50	-0.75	-2.86	-0.93	-2.67	0.60
		619	18.46	2.48	-3.24	-0.81	0.05	2.83	-0.85	-3.07	-0.97	-2.94	0.51
		638	20.93	1.27	-3.13	-1.72	-0.14	2.05	-1.27	-3.80	-1.32	-3.75	0.34
545	2	637	19.72	1.11	-3.38	-2.28	9.13e-03	1.94	-1.20	-3.58	-1.26	-3.51	0.39
		618	55.54	5.23	-36.84	-36.82	5.21	-0.88	-4.42	-5.05	-4.45	-5.02	-0.14
		619	55.57	5.25	-36.81	-36.71	5.15	2.06	-4.41	-5.11	-4.46	-5.07	0.16
545	3	638	56.80	2.81	-33.76	-33.70	2.76	1.44	-4.90	-8.18	-4.91	-8.17	0.19
		637	56.63	2.77	-33.75	-33.74	2.76	-0.41	-4.88	-8.13	-4.90	-8.12	-0.25
		618	7.53	0.66	-3.68	-3.57	0.55	0.68	-0.57	-1.22	-0.62	-1.17	0.17
545	4	619	7.92	0.74	-3.61	-3.34	0.48	1.04	-0.59	-1.29	-0.63	-1.25	0.17
		638	9.91	0.35	-3.68	-3.53	0.20	0.76	-0.75	-1.72	-0.77	-1.70	0.12
		637	9.63	0.32	-3.77	-3.70	0.25	0.55	-0.74	-1.64	-0.75	-1.63	0.11
546	1	618	21.01	2.02	-14.02	-14.02	2.02	-0.32	-1.66	-1.87	-1.67	-1.86	-0.05
		619	21.04	2.03	-14.02	-13.98	1.99	0.81	-1.65	-1.90	-1.67	-1.88	0.06
		638	21.45	1.08	-13.03	-13.01	1.06	0.58	-1.83	-3.01	-1.83	-3.01	0.08
546	2	637	21.37	1.06	-13.02	-13.02	1.06	-0.14	-1.82	-3.00	-1.83	-2.99	-0.09
		619	18.46	2.49	-3.23	-0.80	0.05	2.83	-0.85	-3.07	-0.97	-2.94	0.51
		620	19.42	3.11	-3.06	0.18	-0.13	3.08	-0.91	-3.23	-0.98	-3.16	0.40
546	3	639	21.76	1.52	-2.75	-0.98	-0.24	2.10	-1.31	-3.95	-1.34	-3.92	0.28
		638	20.93	1.27	-3.13	-1.72	-0.14	2.05	-1.27	-3.80	-1.32	-3.75	0.34
		619	55.55	5.26	-36.80	-36.70	5.16	2.05	-4.42	-5.11	-4.45	-5.07	0.16
546	4	620	55.05	5.72	-36.11	-35.51	5.12	4.94	-4.04	-5.14	-4.29	-4.89	0.46
		639	56.42	3.07	-32.93	-32.64	2.77	3.25	-4.67	-8.15	-4.78	-8.04	0.60
		638	56.80	2.81	-33.77	-33.71	2.75	1.44	-4.90	-8.18	-4.91	-8.17	0.18
546	1	619	7.91	0.74	-3.60	-3.34	0.48	1.04	-0.59	-1.29	-0.63	-1.25	0.17
		620	8.10	0.92	-3.44	-2.95	0.42	1.38	-0.59	-1.33	-0.62	-1.30	0.15
		639	9.99	0.42	-3.47	-3.22	0.17	0.95	-0.75	-1.75	-0.76	-1.74	0.13
546	2	638	9.91	0.35	-3.68	-3.53	0.20	0.76	-0.75	-1.72	-0.77	-1.70	0.12
		619	21.03	2.03	-14.02	-13.97	1.99	0.81	-1.65	-1.90	-1.66	-1.88	0.06
		620	20.86	2.22	-13.76	-13.52	1.98	1.93	-1.51	-1.91	-1.60	-1.81	0.17
546	3	639	21.30	1.18	-12.72	-12.60	1.06	1.29	-1.74	-3.00	-1.78	-2.96	0.23
		638	21.45	1.08	-13.04	-13.01	1.05	0.58	-1.83	-3.01	-1.83	-3.01	0.07



547	1	620	19.42	3.11	-3.05	0.19	-0.13	3.08	-0.91	-3.23	-0.98	-3.16	0.40
		621	20.15	3.92	-2.79	1.39	-0.26	3.25	-0.94	-3.34	-0.97	-3.31	0.26
		640	22.19	1.90	-2.29	-0.07	-0.31	2.09	-1.32	-4.02	-1.33	-4.00	0.19
		639	21.76	1.52	-2.75	-0.99	-0.25	2.10	-1.31	-3.95	-1.34	-3.92	0.27
547	2	620	55.01	5.72	-36.08	-35.49	5.13	4.94	-4.05	-5.13	-4.29	-4.89	0.45
		621	54.03	6.66	-34.74	-33.22	5.13	7.80	-3.45	-5.00	-3.96	-4.49	0.72
		640	55.46	3.55	-31.28	-30.54	2.81	5.03	-4.25	-8.02	-4.53	-7.74	0.99
		639	56.40	3.06	-32.95	-32.65	2.76	3.26	-4.68	-8.15	-4.78	-8.04	0.59
547	3	620	8.10	0.92	-3.44	-2.94	0.42	1.38	-0.59	-1.33	-0.62	-1.30	0.15
		621	8.09	1.20	-3.20	-2.40	0.40	1.70	-0.57	-1.34	-0.59	-1.32	0.13
		640	9.88	0.54	-3.14	-2.76	0.16	1.11	-0.72	-1.76	-0.74	-1.74	0.13
		639	9.99	0.42	-3.47	-3.22	0.17	0.95	-0.75	-1.75	-0.76	-1.74	0.13
547	4	620	20.84	2.22	-13.75	-13.51	1.98	1.93	-1.51	-1.91	-1.60	-1.81	0.17
		621	20.49	2.60	-13.26	-12.65	1.99	3.05	-1.29	-1.85	-1.48	-1.66	0.27
		640	20.92	1.38	-12.09	-11.79	1.09	1.98	-1.58	-2.95	-1.69	-2.85	0.37
		639	21.29	1.18	-12.72	-12.60	1.06	1.29	-1.74	-3.00	-1.78	-2.96	0.22
548	1	621	20.16	3.93	-2.79	1.40	-0.26	3.25	-0.94	-3.34	-0.97	-3.31	0.26
		622	20.67	4.93	-2.47	2.79	-0.33	3.36	-0.92	-3.40	-0.92	-3.40	0.10
		641	22.19	2.46	-1.80	0.98	-0.32	2.03	-1.28	-4.00	-1.28	-4.00	0.09
		640	22.19	1.90	-2.29	-0.08	-0.31	2.09	-1.32	-4.02	-1.33	-4.00	0.19
548	2	621	53.98	6.67	-34.70	-33.18	5.14	7.80	-3.46	-4.99	-3.96	-4.49	0.72
		622	52.70	8.16	-32.79	-29.80	5.17	10.65	-2.70	-4.66	-3.46	-3.89	0.96
		641	53.94	4.31	-28.85	-27.40	2.87	6.77	-3.65	-7.76	-4.14	-7.28	1.32
		640	55.43	3.54	-31.31	-30.57	2.80	5.03	-4.25	-8.01	-4.53	-7.74	0.98
548	3	621	8.09	1.20	-3.19	-2.39	0.40	1.70	-0.57	-1.34	-0.59	-1.32	0.13
		622	7.90	1.61	-2.90	-1.69	0.40	2.00	-0.53	-1.31	-0.54	-1.30	0.10
		641	9.58	0.73	-2.72	-2.16	0.18	1.26	-0.68	-1.71	-0.69	-1.70	0.12
		640	9.88	0.54	-3.14	-2.76	0.16	1.11	-0.72	-1.76	-0.74	-1.74	0.13
548	4	621	20.47	2.61	-13.24	-12.63	2.00	3.05	-1.29	-1.85	-1.48	-1.66	0.27
		622	20.02	3.22	-12.53	-11.35	2.03	4.16	-1.01	-1.73	-1.29	-1.44	0.35
		641	20.33	1.71	-11.15	-10.58	1.13	2.67	-1.36	-2.85	-1.54	-2.67	0.49
		640	20.91	1.38	-12.10	-11.80	1.08	1.98	-1.58	-2.95	-1.69	-2.85	0.36
549	1	622	20.68	4.94	-2.47	2.80	-0.33	3.36	-0.92	-3.40	-0.92	-3.40	0.10
		623	20.98	6.14	-2.11	4.37	-0.34	3.39	-0.84	-3.40	-0.84	-3.39	-0.08
		642	21.76	3.23	-1.32	2.18	-0.27	1.92	-1.20	-3.89	-1.20	-3.89	-0.02
		641	22.19	2.46	-1.80	0.98	-0.32	2.03	-1.28	-4.00	-1.28	-4.00	0.09
549	2	622	52.64	8.18	-32.74	-29.75	5.19	10.65	-2.70	-4.66	-3.47	-3.89	0.95
		623	51.35	10.36	-30.35	-25.23	5.23	13.50	-1.81	-4.13	-2.82	-3.12	1.15
		642	51.98	5.45	-25.70	-23.19	2.95	8.47	-2.93	-7.35	-3.62	-6.66	1.60
		641	53.91	4.31	-28.88	-27.44	2.86	6.77	-3.66	-7.75	-4.14	-7.28	1.31
549	3	622	7.90	1.61	-2.89	-1.68	0.40	2.00	-0.53	-1.31	-0.54	-1.30	0.10
		623	7.84	2.16	-2.57	-0.84	0.43	2.28	-0.46	-1.24	-0.47	-1.24	0.06
		642	9.10	1.03	-2.24	-1.43	0.23	1.41	-0.62	-1.63	-0.63	-1.62	0.11
		641	9.58	0.73	-2.72	-2.17	0.18	1.26	-0.68	-1.71	-0.69	-1.70	0.12
549	4	622	19.99	3.22	-12.51	-11.33	2.04	4.16	-1.01	-1.73	-1.30	-1.44	0.35
		623	19.55	4.11	-11.63	-9.61	2.08	5.27	-0.68	-1.53	-1.05	-1.16	0.42
		642	19.57	2.18	-9.96	-8.95	1.18	3.35	-1.09	-2.70	-1.34	-2.44	0.59
		641	20.32	1.70	-11.17	-10.59	1.12	2.67	-1.36	-2.85	-1.54	-2.67	0.48
550	1	623	21.00	6.16	-2.11	4.39	-0.34	3.39	-0.84	-3.40	-0.84	-3.39	-0.08
		624	21.13	7.54	-1.70	6.10	-0.25	3.35	-0.69	-3.33	-0.72	-3.29	-0.29
		643	20.92	4.20	-0.86	3.47	-0.14	1.77	-1.07	-3.69	-1.08	-3.68	-0.16
		642	21.76	3.22	-1.32	2.17	-0.27	1.92	-1.20	-3.89	-1.20	-3.89	-0.03
550	2	623	51.30	10.38	-30.29	-25.16	5.25	13.50	-1.82	-4.13	-2.82	-3.12	1.15
		624	50.49	13.45	-27.58	-19.43	5.30	16.37	-0.83	-3.41	-2.02	-2.21	1.29
		643	49.80	7.13	-21.98	-17.87	3.02	10.13	-2.12	-6.76	-2.97	-5.91	1.80
		642	51.92	5.44	-25.74	-23.24	2.94	8.47	-2.94	-7.34	-3.61	-6.66	1.59
550	3	623	7.84	2.17	-2.56	-0.83	0.43	2.28	-0.46	-1.24	-0.47	-1.24	0.06
		624	7.84	2.89	-2.22	0.16	0.51	2.55	-0.37	-1.14	-0.37	-1.14	3.16e-03
		643	8.48	1.47	-1.74	-0.58	0.30	1.54	-0.53	-1.50	-0.54	-1.50	0.08
		642	9.10	1.03	-2.24	-1.44	0.22	1.40	-0.62	-1.63	-0.63	-1.62	0.11
550	4	623	19.54	4.12	-11.61	-9.58	2.09	5.28	-0.68	-1.53	-1.05	-1.16	0.42
		624	19.30	5.36	-10.61	-7.40	2.15	6.40	-0.32	-1.26	-0.76	-0.82	0.47
		643	18.76	2.89	-8.55	-6.90	1.24	4.02	-0.78	-2.47	-1.10	-2.16	0.66
		642	19.55	2.18	-9.97	-8.97	1.18	3.35	-1.09	-2.69	-1.34	-2.44	0.58
551	1	624	21.15	7.56	-1.70	6.12	-0.25	3.36	-0.69	-3.33	-0.72	-3.29	-0.29
		625	21.16	9.09	-1.21	7.94	-0.06	3.25	-0.46	-3.18	-0.57	-3.08	-0.52
		644	19.72	5.33	-0.40	4.84	0.09	1.61	-0.87	-3.39	-0.91	-3.35	-0.31
		643	20.92	4.19	-0.86	3.47	-0.14	1.77	-1.07	-3.69	-1.08	-3.68	-0.16
551	2	624	50.49	13.49	-27.52	-19.35	5.32	16.39	-0.83	-3.41	-2.03	-2.21	1.28
		625	50.82	17.70	-24.70	-12.35	5.34	19.27	0.22	-2.50	-1.08	-1.20	1.36
		644	47.86	9.64	-17.94	-11.37	3.07	11.75	-1.23	-6.01	-2.19	-5.06	1.91
		643	49.70	7.11	-22.02	-17.92	3.01	10.13	-2.12	-6.75	-2.96	-5.91	1.78
551	3	624	7.84	2.90	-2.21	0.17	0.51	2.55	-0.37	-1.14	-0.37	-1.14	3.35e-03
		625	7.98	3.78	-1.87	1.29	0.62	2.80	-0.25	-1.01	-0.25	-1.01	-0.06
		644	7.79	2.09	-1.27	0.40	0.42	1.68	-0.42	-1.33	-0.43	-1.33	0.04
		643	8.49	1.47	-1.74	-0.58	0.30	1.54	-0.53	-1.50	-0.54	-1.50	0.08
551	4	624	19.30	5.38	-10.59	-7.37	2.16	6.41	-0.32	-1.26	-0.76	-0.82	0.47



		625	19.52	7.06	-9.55	-4.72	2.22	7.55	0.07	-0.93	-0.41	-0.45	0.50
		644	18.08	3.94	-7.03	-4.40	1.31	4.68	-0.45	-2.19	-0.80	-1.84	0.70
		643	18.72	2.88	-8.57	-6.92	1.24	4.02	-0.78	-2.47	-1.09	-2.16	0.66
552	1	625	21.19	9.12	-1.22	7.96	-0.06	3.26	-0.47	-3.19	-0.57	-3.08	-0.52
		626	21.19	10.73	-0.65	9.82	0.26	3.08	-0.13	-2.96	-0.37	-2.73	-0.78
		645	18.26	6.56	0.08	6.22	0.43	1.46	-0.61	-3.00	-0.70	-2.91	-0.47
		644	19.71	5.33	-0.40	4.83	0.09	1.61	-0.87	-3.39	-0.91	-3.35	-0.31
552	2	625	50.93	17.77	-24.66	-12.24	5.36	19.30	0.21	-2.53	-1.12	-1.20	1.36
		626	53.19	23.41	-21.93	-3.86	5.34	22.20	1.30	-1.44	-3.56e-03	-0.13	1.37
		645	46.94	13.44	-13.98	-3.62	3.08	13.29	-0.32	-5.10	-1.29	-4.13	1.92
		644	47.69	9.61	-17.98	-11.43	3.07	11.74	-1.23	-5.99	-2.17	-5.05	1.89
552	3	625	7.98	3.80	-1.87	1.31	0.62	2.81	-0.25	-1.01	-0.26	-1.01	-0.06
		626	8.35	4.84	-1.51	2.54	0.79	3.05	-0.09	-0.85	-0.11	-0.83	-0.14
		645	7.14	2.91	-0.85	1.48	0.58	1.83	-0.29	-1.13	-0.29	-1.13	-3.53e-03
		644	7.80	2.09	-1.27	0.39	0.42	1.68	-0.42	-1.33	-0.42	-1.33	0.04
552	4	625	19.57	7.09	-9.54	-4.68	2.23	7.56	0.06	-0.93	-0.42	-0.45	0.50
		626	20.52	9.31	-8.53	-1.51	2.29	8.71	0.47	-0.53	-4.28e-03	-0.06	0.50
		645	17.83	5.48	-5.55	-1.44	1.37	5.34	-0.11	-1.85	-0.47	-1.49	0.70
		644	18.02	3.93	-7.05	-4.43	1.30	4.68	-0.45	-2.18	-0.80	-1.83	0.69
553	1	626	21.19	10.76	-0.67	9.84	0.25	3.11	-0.14	-2.97	-0.38	-2.74	-0.77
		627	21.37	12.36	3.82e-03	11.66	0.70	2.86	0.32	-2.66	-0.11	-2.23	-1.05
		646	16.73	7.80	0.60	7.55	0.86	1.33	-0.26	-2.54	-0.45	-2.34	-0.63
		645	18.27	6.56	0.10	6.22	0.44	1.45	-0.60	-3.01	-0.70	-2.91	-0.47
553	2	626	53.49	23.52	-21.93	-3.74	5.33	22.27	1.26	-1.51	-0.10	-0.16	1.38
		627	58.45	30.86	-19.46	6.17	5.23	25.15	2.40	-0.22	1.24	0.94	1.30
		646	48.08	19.03	-10.55	5.47	3.01	14.74	0.58	-4.08	-0.31	-3.19	1.82
		645	46.72	13.40	-14.01	-3.69	3.08	13.28	-0.28	-5.06	-1.23	-4.12	1.91
553	3	626	8.36	4.86	-1.52	2.56	0.78	3.06	-0.10	-0.85	-0.12	-0.83	-0.13
		627	9.00	6.03	-1.15	3.89	0.99	3.28	0.13	-0.67	0.06	-0.60	-0.22
		646	6.68	3.91	-0.48	2.64	0.78	1.99	-0.13	-0.89	-0.14	-0.89	-0.06
		645	7.15	2.91	-0.85	1.47	0.59	1.82	-0.29	-1.13	-0.29	-1.13	-5.33e-03
553	4	626	20.64	9.35	-8.53	-1.46	2.29	8.74	0.45	-0.56	-0.04	-0.07	0.51
		627	22.58	12.19	-7.59	2.27	2.33	9.89	0.88	-0.08	0.46	0.34	0.48
		646	18.38	7.69	-4.25	2.02	1.42	5.96	0.23	-1.47	-0.10	-1.14	0.67
		645	17.75	5.47	-5.56	-1.46	1.37	5.33	-0.09	-1.84	-0.44	-1.48	0.70
554	1	627	21.25	12.40	-0.05	11.68	0.67	2.91	0.29	-2.67	-0.14	-2.24	-1.04
		628	22.14	13.91	0.69	13.39	1.21	2.57	0.96	-2.27	0.22	-1.53	-1.36
		647	15.25	8.93	1.12	8.72	1.33	1.27	0.18	-1.97	-0.17	-1.63	-0.79
		646	16.81	7.81	0.64	7.56	0.89	1.32	-0.25	-2.54	-0.44	-2.35	-0.64
554	2	627	58.90	31.06	-19.54	6.32	5.21	25.29	2.26	-0.44	0.94	0.88	1.35
		628	67.26	40.24	-17.34	18.07	4.84	28.02	3.53	1.13	2.73	1.94	1.13
		647	51.54	26.61	-7.80	15.88	2.94	15.94	1.35	-2.95	0.66	-2.26	1.58
		646	48.21	18.99	-10.56	5.41	3.02	14.73	0.73	-4.01	-0.12	-3.16	1.82
554	3	627	9.04	6.07	-1.18	3.91	0.98	3.31	0.09	-0.67	0.03	-0.61	-0.21
		628	10.01	7.33	-0.78	5.34	1.21	3.49	0.41	-0.46	0.27	-0.32	-0.32
		647	6.56	5.00	-0.15	3.84	1.01	2.15	0.05	-0.63	0.02	-0.60	-0.12
		646	6.68	3.90	-0.47	2.64	0.80	1.98	-0.12	-0.89	-0.12	-0.89	-0.06
554	4	627	22.77	12.27	-7.63	2.32	2.32	9.95	0.82	-0.16	0.35	0.32	0.49
		628	25.90	15.75	-6.74	6.72	2.29	11.03	1.30	0.42	1.01	0.71	0.41
		647	19.80	10.60	-3.15	5.96	1.49	6.50	0.52	-1.05	0.27	-0.79	0.58
		646	18.43	7.68	-4.25	2.01	1.43	5.96	0.29	-1.44	-0.03	-1.13	0.67
555	1	628	22.06	13.97	0.58	13.41	1.15	2.69	0.91	-2.27	0.14	-1.50	-1.36
		629	24.56	15.29	1.13	14.99	1.43	2.04	1.87	-1.77	0.66	-0.56	-1.71
		648	14.18	9.61	1.58	9.42	1.76	1.21	0.84	-1.22	0.23	-0.62	-0.94
		647	15.46	8.99	1.20	8.78	1.41	1.26	0.16	-2.02	-0.17	-1.68	-0.79
555	2	628	66.85	40.85	-17.47	18.37	5.01	28.38	3.02	0.58	1.82	1.77	1.22
		629	79.56	51.20	-15.39	32.81	3.01	29.77	4.69	2.07	4.48	2.29	0.72
		648	54.49	35.04	-4.92	26.55	3.56	16.34	2.09	-1.23	1.67	-0.81	1.10
		647	53.19	26.68	-8.00	15.92	2.76	16.04	1.71	-2.90	1.06	-2.25	1.60
555	3	628	10.21	7.41	-0.85	5.37	1.20	3.56	0.33	-0.48	0.18	-0.32	-0.32
		629	11.34	8.62	-0.44	6.94	1.24	3.52	0.80	-0.26	0.54	5.32e-03	-0.46
		648	6.70	5.98	0.22	4.90	1.30	2.26	0.30	-0.27	0.22	-0.20	-0.19
		647	6.56	5.03	-0.13	3.87	1.03	2.16	0.07	-0.64	0.05	-0.62	-0.12
555	4	628	25.81	15.99	-6.81	6.84	2.34	11.17	1.11	0.21	0.67	0.65	0.45
		629	30.35	19.83	-5.90	12.22	1.71	11.74	1.75	0.77	1.67	0.85	0.26
		648	21.03	13.78	-1.97	9.97	1.84	6.74	0.81	-0.41	0.65	-0.25	0.41
		647	20.39	10.63	-3.22	5.98	1.43	6.54	0.66	-1.03	0.42	-0.79	0.59
556	1	629	26.64	15.87	0.77	15.38	1.27	2.70	2.07	-1.78	0.54	-0.25	-1.88
		96	29.71	16.94	-0.12	16.92	-0.10	-0.52	2.83	-0.22	1.70	0.91	-1.48
		145	20.23	8.52	2.07	8.33	2.26	1.09	2.43	-0.62	1.51	0.31	-1.40
		648	13.77	9.69	1.70	9.55	1.84	1.03	0.65	-1.22	0.16	-0.73	-0.83
556	2	629	76.25	55.85	-15.53	36.44	3.88	31.76	2.40	0.78	2.03	1.15	0.68
		96	104.14	60.55	-10.58	53.97	-4.00	20.62	7.65	2.07	7.59	2.13	0.58
		145	73.07	38.39	-3.41	29.03	5.94	17.42	6.91	2.13	6.78	2.25	0.77
		648	51.99	33.94	-4.67	25.89	3.37	15.68	2.31	-0.59	1.99	-0.27	0.90
556	3	629	12.99	9.25	-0.65	7.34	1.25	3.90	0.70	-0.36	0.32	0.02	-0.51
		96	14.39	9.59	-0.17	9.13	0.29	2.08	1.29	0.31	1.10	0.50	-0.39



		145	9.24	6.07	0.46	4.76	1.76	2.37	1.09	0.08	0.94	0.23	-0.36
		648	6.52	5.89	0.30	4.89	1.31	2.14	0.31	-0.24	0.24	-0.18	-0.18
556	4	629	29.31	21.59	-5.98	13.58	2.03	12.52	0.90	0.29	0.77	0.43	0.25
		96	39.02	23.02	-3.78	20.11	-0.86	8.34	2.87	0.83	2.85	0.86	0.22
		145	27.73	15.13	-1.38	10.89	2.85	7.21	2.55	0.76	2.50	0.81	0.28
		648	20.16	13.35	-1.87	9.73	1.76	6.48	0.91	-0.16	0.79	-0.05	0.34
557	1	53	10.80	5.37	-0.72	0.57	4.09	-2.48	1.13	0.04	0.71	0.45	0.53
		630	8.63	3.68	-1.48	-0.90	3.10	-1.63	0.12	-0.66	-0.13	-0.41	0.36
		649	5.71	2.52	0.57	1.06	2.02	-0.85	-0.47	-0.68	-0.53	-0.61	0.10
		3	8.35	4.05	-1.78	-0.26	2.53	-2.56	0.71	-0.03	0.69	-9.35e-03	0.12
557	2	53	53.12	16.55	-9.84	2.29	4.42	-13.16	5.21	-0.33	3.62	1.26	-2.51
		630	51.12	13.29	-16.26	-7.05	4.08	-13.69	1.19	-3.98	-0.87	-1.92	-2.53
		649	50.02	9.23	-4.60	2.21	2.42	-6.91	2.89	-4.49	-1.83	0.23	-3.54
		3	52.57	12.00	-14.92	-2.94	0.02	-13.38	5.58	-0.11	4.13	1.34	-2.48
557	3	53	5.22	3.66	-1.23	0.35	2.08	-2.29	0.44	0.24	0.44	0.24	-8.59e-03
		630	4.34	2.70	-1.98	-0.89	1.61	-1.97	-0.06	-0.26	-0.08	-0.24	-0.06
		649	4.40	1.93	-0.45	0.43	1.05	-1.15	-0.03	-0.47	-0.31	-0.20	-0.21
		3	5.96	2.81	-2.00	-0.35	1.16	-2.28	0.56	0.04	0.51	0.08	-0.15
557	4	53	20.34	7.01	-3.97	0.86	2.18	-5.45	1.89	-0.11	1.30	0.48	-0.91
		630	19.56	5.60	-6.41	-2.72	1.90	-5.55	0.45	-1.43	-0.30	-0.69	-0.92
		649	18.99	3.92	-1.99	0.77	1.17	-2.95	1.02	-1.66	-0.69	0.05	-1.29
		3	20.28	5.18	-5.91	-1.14	0.42	-5.49	2.06	-0.05	1.53	0.48	-0.92
558	1	630	9.33	3.97	-1.03	-0.26	3.20	-1.80	5.75e-03	-0.83	-0.27	-0.55	0.39
		631	9.91	2.18	-1.19	-1.05	2.04	-0.67	-0.11	-1.28	-0.33	-1.06	0.46
		650	5.51	1.48	-1.56	-1.53	1.46	0.28	-0.39	-0.80	-0.45	-0.74	0.14
		649	4.58	1.85	-0.33	-0.20	1.71	-0.52	0.21	-0.29	0.19	-0.27	0.10
558	2	630	51.09	14.96	-14.97	-4.68	4.67	-14.21	0.61	-4.28	-1.45	-2.22	-2.42
		631	47.72	9.59	-17.39	-10.75	2.95	-11.62	-0.36	-5.30	-1.69	-3.97	-2.19
		650	43.84	3.57	-13.26	-11.78	2.09	-4.77	2.02	-3.92	-1.53	-0.36	-2.91
		649	46.38	5.42	-7.83	-3.55	1.14	-6.19	4.68	-2.11	1.52	1.05	-3.38
558	3	630	4.51	2.94	-1.74	-0.50	1.69	-2.07	-0.16	-0.32	-0.18	-0.31	-0.05
		631	5.10	1.76	-1.94	-1.27	1.09	-1.43	-0.21	-0.57	-0.22	-0.57	-0.01
		650	3.82	0.88	-1.69	-1.58	0.77	-0.53	-0.12	-0.44	-0.27	-0.28	-0.16
		649	3.85	1.37	-0.96	-0.43	0.85	-0.97	0.30	-0.15	0.17	-0.02	-0.20
558	4	630	19.58	6.24	-5.91	-1.80	2.13	-5.75	0.22	-1.56	-0.53	-0.80	-0.88
		631	18.04	4.03	-6.81	-4.14	1.36	-4.67	-0.13	-1.92	-0.62	-1.44	-0.80
		650	16.67	1.61	-5.27	-4.62	0.95	-2.02	0.70	-1.46	-0.59	-0.17	-1.06
		649	17.62	2.48	-3.23	-1.43	0.68	-2.65	1.70	-0.78	0.56	0.36	-1.24
559	1	631	10.03	2.30	-1.22	-1.06	2.14	-0.72	-0.22	-1.34	-0.46	-1.10	0.46
		632	11.22	1.49	-1.85	-1.85	1.49	0.05	-0.38	-1.75	-0.57	-1.55	0.48
		651	8.00	1.14	-2.65	-2.48	0.97	0.78	-0.52	-1.26	-0.55	-1.23	0.14
		650	5.66	1.39	-1.59	-1.56	1.36	0.30	-0.15	-0.69	-0.18	-0.67	0.11
559	2	631	49.32	9.95	-17.79	-11.01	3.17	-11.92	-0.74	-5.51	-2.25	-4.00	-2.22
		632	49.66	6.97	-21.70	-17.63	2.90	-10.00	-1.52	-6.28	-2.68	-5.12	-2.05
		651	42.39	2.45	-18.85	-18.04	1.64	-4.07	1.14	-4.08	-1.60	-1.34	-2.61
		650	42.11	3.28	-13.26	-11.78	1.80	-4.73	2.93	-3.19	-0.16	-0.10	-3.06
559	3	631	5.08	1.84	-1.98	-1.29	1.14	-1.47	-0.30	-0.59	-0.30	-0.59	-0.01
		632	5.94	1.15	-2.41	-2.11	0.85	-1.00	-0.37	-0.81	-0.37	-0.81	5.42e-03
		651	4.17	0.54	-2.47	-2.45	0.52	-0.24	-0.24	-0.58	-0.31	-0.51	-0.14
		650	3.30	0.82	-1.70	-1.59	0.71	-0.51	0.04	-0.36	-0.08	-0.24	-0.18
559	4	631	18.67	4.17	-6.96	-4.24	1.45	-4.79	-0.28	-2.01	-0.83	-1.45	-0.81
		632	18.66	2.90	-8.42	-6.79	1.26	-3.98	-0.57	-2.29	-0.99	-1.87	-0.74
		651	16.11	1.07	-7.41	-7.06	0.72	-1.68	0.38	-1.53	-0.62	-0.54	-0.95
		650	15.98	1.49	-5.27	-4.62	0.84	-2.00	1.05	-1.19	-0.07	-0.07	-1.12
560	1	632	11.24	1.51	-1.84	-1.84	1.51	0.05	-0.42	-1.77	-0.62	-1.57	0.48
		633	12.78	1.17	-2.53	-2.41	1.05	0.65	-0.61	-2.18	-0.77	-2.02	0.48
		652	10.73	0.96	-3.41	-3.11	0.65	1.12	-0.70	-1.79	-0.72	-1.77	0.15
		651	8.12	1.13	-2.66	-2.49	0.96	0.79	-0.44	-1.24	-0.46	-1.22	0.12
560	2	632	50.04	7.01	-21.72	-17.63	2.93	-10.03	-1.70	-6.33	-2.90	-5.14	-2.02
		633	51.63	5.18	-25.53	-23.22	2.86	-8.10	-2.55	-7.00	-3.47	-6.07	-1.81
		652	42.51	1.97	-23.51	-23.06	1.52	-3.36	0.20	-4.33	-1.96	-2.17	-2.26
		651	41.79	2.41	-18.89	-18.10	1.61	-4.04	1.48	-3.91	-1.18	-1.25	-2.70
560	3	632	5.92	1.17	-2.41	-2.10	0.86	-1.01	-0.40	-0.82	-0.40	-0.82	8.71e-03
		633	6.83	0.76	-2.88	-2.77	0.66	-0.61	-0.49	-1.02	-0.49	-1.02	0.02
		652	5.36	0.38	-3.12	-3.12	0.37	-0.03	-0.36	-0.77	-0.39	-0.74	-0.11
		651	4.23	0.53	-2.48	-2.46	0.51	-0.24	-0.17	-0.57	-0.25	-0.50	-0.15
560	4	632	18.82	2.92	-8.43	-6.78	1.28	-3.99	-0.64	-2.31	-1.07	-1.88	-0.73
		633	19.38	2.12	-9.86	-8.94	1.19	-3.20	-0.95	-2.56	-1.29	-2.23	-0.65
		652	16.22	0.82	-9.22	-9.03	0.63	-1.35	0.02	-1.63	-0.76	-0.86	-0.83
		651	15.87	1.05	-7.43	-7.08	0.71	-1.67	0.51	-1.47	-0.46	-0.50	-0.99
561	1	633	12.80	1.17	-2.52	-2.40	1.06	0.64	-0.62	-2.19	-0.79	-2.02	0.48
		634	14.50	1.03	-3.05	-2.72	0.70	1.12	-0.80	-2.59	-0.94	-2.45	0.47
		653	13.24	0.83	-3.91	-3.49	0.40	1.35	-0.87	-2.29	-0.89	-2.27	0.16
		652	10.77	0.95	-3.42	-3.11	0.64	1.12	-0.67	-1.78	-0.69	-1.77	0.14
561	2	633	51.63	5.20	-25.51	-23.19	2.88	-8.11	-2.63	-7.00	-3.54	-6.09	-1.77
		634	53.38	4.05	-28.75	-27.54	2.85	-6.16	-3.42	-7.50	-4.06	-6.86	-1.48
		653	42.95	1.68	-27.23	-27.00	1.46	-2.55	-0.72	-4.43	-2.34	-2.81	-1.84



561	3	652	42.28	1.94	-23.55	-23.11	1.50	-3.34	0.32	-4.29	-1.83	-2.13	-2.30
		633	6.83	0.77	-2.87	-2.77	0.66	-0.61	-0.50	-1.03	-0.50	-1.03	0.03
		634	7.72	0.53	-3.27	-3.26	0.51	-0.26	-0.58	-1.22	-0.59	-1.21	0.04
		653	6.45	0.28	-3.62	-3.61	0.27	0.15	-0.46	-0.96	-0.47	-0.94	-0.08
561	4	652	5.42	0.37	-3.13	-3.13	0.37	-0.02	-0.33	-0.77	-0.37	-0.73	-0.12
		633	19.38	2.13	-9.85	-8.93	1.20	-3.20	-0.98	-2.56	-1.31	-2.23	-0.64
		634	20.05	1.62	-11.09	-10.61	1.15	-2.41	-1.28	-2.75	-1.51	-2.52	-0.53
		653	16.48	0.67	-10.67	-10.58	0.58	-1.00	-0.32	-1.68	-0.90	-1.10	-0.67
562	1	652	16.12	0.81	-9.23	-9.05	0.62	-1.34	0.07	-1.62	-0.71	-0.84	-0.84
		634	14.51	1.04	-3.04	-2.71	0.71	1.11	-0.81	-2.59	-0.94	-2.46	0.47
		635	16.22	1.00	-3.37	-2.79	0.42	1.48	-0.96	-2.96	-1.07	-2.85	0.46
		654	15.44	0.72	-4.16	-3.65	0.21	1.49	-1.02	-2.74	-1.04	-2.72	0.18
562	2	653	13.25	0.82	-3.91	-3.49	0.40	1.35	-0.86	-2.29	-0.88	-2.27	0.16
		634	53.32	4.06	-28.73	-27.52	2.86	-6.17	-3.46	-7.48	-4.07	-6.87	-1.45
		635	54.86	3.35	-31.23	-30.71	2.83	-4.22	-4.12	-7.83	-4.48	-7.47	-1.10
		654	43.41	1.50	-30.01	-29.91	1.41	-1.68	-1.56	-4.36	-2.64	-3.28	-1.36
562	3	653	42.85	1.66	-27.26	-27.03	1.44	-2.54	-0.67	-4.42	-2.30	-2.79	-1.86
		634	7.72	0.53	-3.27	-3.25	0.52	-0.26	-0.59	-1.22	-0.59	-1.22	0.05
		635	8.51	0.40	-3.57	-3.57	0.40	0.05	-0.65	-1.39	-0.66	-1.38	0.07
		654	7.33	0.21	-3.97	-3.95	0.19	0.29	-0.54	-1.12	-0.54	-1.12	-0.04
562	4	653	6.46	0.27	-3.62	-3.62	0.27	0.15	-0.45	-0.95	-0.47	-0.94	-0.08
		634	20.03	1.63	-11.08	-10.60	1.15	-2.42	-1.29	-2.75	-1.52	-2.52	-0.52
		635	20.64	1.32	-12.04	-11.84	1.11	-1.64	-1.54	-2.88	-1.67	-2.75	-0.39
		654	16.76	0.58	-11.76	-11.73	0.55	-0.65	-0.64	-1.66	-1.02	-1.28	-0.50
563	1	653	16.44	0.66	-10.68	-10.59	0.58	-1.00	-0.31	-1.68	-0.88	-1.10	-0.68
		635	16.24	1.00	-3.36	-2.79	0.43	1.48	-0.97	-2.97	-1.08	-2.86	0.46
		636	18.13	1.03	-3.47	-2.64	0.20	1.75	-1.10	-3.30	-1.18	-3.21	0.43
		655	17.27	0.64	-4.19	-3.62	0.07	1.56	-1.15	-3.12	-1.17	-3.10	0.19
563	2	654	15.44	0.72	-4.16	-3.66	0.21	1.49	-1.02	-2.74	-1.04	-2.72	0.18
		635	54.81	3.36	-31.22	-30.69	2.83	-4.22	-4.13	-7.82	-4.48	-7.47	-1.08
		636	55.97	2.95	-32.91	-32.76	2.80	-2.30	-4.61	-8.03	-4.75	-7.89	-0.68
		655	43.82	1.41	-31.86	-31.84	1.39	-0.80	-2.29	-4.16	-2.85	-3.60	-0.85
563	3	654	43.37	1.49	-30.03	-29.94	1.40	-1.68	-1.54	-4.36	-2.63	-3.27	-1.37
		635	8.51	0.40	-3.57	-3.57	0.40	0.05	-0.66	-1.39	-0.66	-1.38	0.07
		636	9.15	0.34	-3.74	-3.71	0.31	0.32	-0.71	-1.53	-0.72	-1.52	0.09
		655	8.01	0.18	-4.16	-4.12	0.14	0.40	-0.60	-1.26	-0.60	-1.26	1.92e-03
563	4	654	7.33	0.21	-3.97	-3.95	0.19	0.29	-0.54	-1.12	-0.54	-1.12	-0.04
		635	20.62	1.32	-12.04	-11.83	1.12	-1.64	-1.55	-2.87	-1.67	-2.75	-0.39
		636	21.09	1.14	-12.70	-12.64	1.08	-0.88	-1.72	-2.95	-1.77	-2.90	-0.24
		655	17.01	0.54	-12.49	-12.49	0.53	-0.30	-0.91	-1.60	-1.10	-1.41	-0.31
564	1	654	16.75	0.58	-11.77	-11.74	0.54	-0.65	-0.63	-1.66	-1.01	-1.28	-0.50
		636	18.14	1.03	-3.47	-2.64	0.20	1.75	-1.10	-3.30	-1.18	-3.21	0.43
		637	19.70	1.12	-3.39	-2.28	0.01	1.94	-1.20	-3.58	-1.26	-3.51	0.39
		656	18.71	0.56	-4.03	-3.42	-0.05	1.56	-1.24	-3.43	-1.26	-3.41	0.20
564	2	655	17.28	0.63	-4.19	-3.62	0.06	1.56	-1.15	-3.12	-1.16	-3.11	0.19
		636	55.94	2.95	-32.90	-32.76	2.80	-2.30	-4.62	-8.02	-4.76	-7.89	-0.67
		637	56.64	2.78	-33.76	-33.76	2.77	-0.41	-4.88	-8.14	-4.90	-8.12	-0.25
		656	44.12	1.39	-32.81	-32.81	1.39	0.08	-2.85	-3.90	-2.96	-3.78	-0.33
564	3	655	43.80	1.40	-31.88	-31.86	1.38	-0.80	-2.29	-4.15	-2.84	-3.60	-0.86
		636	9.15	0.34	-3.74	-3.71	0.31	0.32	-0.71	-1.53	-0.72	-1.52	0.09
		637	9.62	0.32	-3.78	-3.70	0.25	0.55	-0.74	-1.64	-0.75	-1.63	0.11
		656	8.48	0.15	-4.21	-4.16	0.10	0.49	-0.63	-1.37	-0.64	-1.37	0.04
564	4	655	8.01	0.17	-4.16	-4.13	0.14	0.40	-0.60	-1.26	-0.60	-1.26	1.45e-03
		636	21.08	1.14	-12.69	-12.64	1.09	-0.88	-1.73	-2.95	-1.77	-2.90	-0.24
		637	21.37	1.07	-13.03	-13.03	1.06	-0.14	-1.82	-3.00	-1.83	-2.99	-0.09
		656	17.18	0.52	-12.87	-12.87	0.52	0.05	-1.11	-1.51	-1.14	-1.48	-0.11
565	1	655	17.00	0.53	-12.50	-12.49	0.53	-0.29	-0.90	-1.60	-1.10	-1.41	-0.31
		637	19.71	1.12	-3.39	-2.28	0.01	1.94	-1.20	-3.58	-1.26	-3.51	0.39
		638	20.91	1.27	-3.14	-1.73	-0.13	2.06	-1.27	-3.80	-1.32	-3.75	0.34
		657	19.70	0.50	-3.69	-3.06	-0.13	1.51	-1.30	-3.65	-1.32	-3.64	0.20
565	2	656	18.71	0.56	-4.03	-3.42	-0.05	1.56	-1.24	-3.43	-1.26	-3.41	0.20
		637	56.64	2.78	-33.76	-33.76	2.77	-0.41	-4.88	-8.14	-4.90	-8.12	-0.24
		638	56.80	2.82	-33.78	-33.72	2.76	1.44	-4.90	-8.19	-4.91	-8.18	0.18
		657	44.25	1.44	-32.86	-32.84	1.41	0.94	-2.94	-3.87	-2.98	-3.83	0.19
565	3	656	44.11	1.38	-32.82	-32.82	1.38	0.08	-2.85	-3.89	-2.96	-3.78	-0.33
		637	9.62	0.32	-3.78	-3.70	0.25	0.55	-0.74	-1.64	-0.75	-1.63	0.11
		638	9.91	0.35	-3.69	-3.54	0.20	0.76	-0.75	-1.71	-0.77	-1.70	0.12
		657	8.75	0.15	-4.12	-4.05	0.07	0.55	-0.65	-1.45	-0.66	-1.44	0.08
565	4	656	8.49	0.15	-4.21	-4.16	0.10	0.49	-0.63	-1.37	-0.64	-1.37	0.04
		637	21.37	1.07	-13.03	-13.03	1.06	-0.14	-1.82	-3.00	-1.83	-2.99	-0.08
		638	21.45	1.08	-13.04	-13.01	1.06	0.58	-1.83	-3.02	-1.83	-3.01	0.07
		657	17.24	0.54	-12.89	-12.88	0.53	0.38	-1.13	-1.51	-1.15	-1.49	0.08
566	1	656	17.17	0.52	-12.87	-12.87	0.52	0.05	-1.10	-1.51	-1.14	-1.48	-0.11
		638	20.92	1.27	-3.13	-1.73	-0.13	2.05	-1.27	-3.80	-1.32	-3.75	0.34
		639	21.74	1.52	-2.75	-0.99	-0.24	2.11	-1.31	-3.94	-1.34	-3.91	0.28
		658	20.25	0.46	-3.20	-2.55	-0.19	1.40	-1.34	-3.78	-1.35	-3.77	0.20
		657	19.71	0.50	-3.69	-3.06	-0.13	1.51	-1.31	-3.65	-1.32	-3.64	0.20



566	2	638	56.82	2.82	-33.78	-33.72	2.76	1.44	-4.89	-8.19	-4.91	-8.18	0.19
		639	56.40	3.07	-32.95	-32.65	2.77	3.25	-4.68	-8.15	-4.78	-8.05	0.59
		658	44.12	1.55	-32.02	-31.93	1.46	1.76	-2.51	-4.14	-2.90	-3.74	0.70
		657	44.24	1.44	-32.86	-32.83	1.41	0.94	-2.94	-3.87	-2.98	-3.83	0.20
566	3	638	9.91	0.35	-3.68	-3.54	0.20	0.76	-0.75	-1.71	-0.77	-1.70	0.12
		639	9.99	0.42	-3.47	-3.22	0.17	0.95	-0.75	-1.75	-0.76	-1.74	0.13
		658	8.81	0.15	-3.90	-3.81	0.06	0.60	-0.64	-1.48	-0.66	-1.47	0.11
		657	8.76	0.15	-4.12	-4.05	0.07	0.55	-0.65	-1.45	-0.66	-1.44	0.08
566	4	638	21.45	1.08	-13.04	-13.02	1.06	0.58	-1.83	-3.02	-1.83	-3.01	0.08
		639	21.29	1.18	-12.72	-12.60	1.06	1.29	-1.74	-3.00	-1.78	-2.96	0.22
		658	17.17	0.59	-12.55	-12.52	0.55	0.70	-0.97	-1.60	-1.12	-1.46	0.26
		657	17.24	0.54	-12.89	-12.87	0.53	0.38	-1.13	-1.51	-1.15	-1.49	0.08
567	1	639	21.75	1.52	-2.75	-0.99	-0.24	2.10	-1.31	-3.94	-1.34	-3.92	0.28
		640	22.17	1.90	-2.29	-0.09	-0.31	2.09	-1.32	-4.01	-1.33	-4.00	0.19
		659	20.36	0.45	-2.58	-1.92	-0.20	1.25	-1.33	-3.81	-1.34	-3.80	0.18
		658	20.25	0.46	-3.20	-2.55	-0.19	1.40	-1.34	-3.78	-1.35	-3.77	0.20
567	2	639	56.44	3.07	-32.96	-32.66	2.77	3.25	-4.67	-8.16	-4.78	-8.05	0.61
		640	55.43	3.55	-31.30	-30.56	2.81	5.03	-4.25	-8.02	-4.53	-7.75	0.97
		659	43.65	1.74	-30.28	-30.08	1.54	2.53	-1.89	-4.37	-2.73	-3.53	1.17
		658	44.11	1.56	-32.01	-31.92	1.46	1.76	-2.50	-4.14	-2.90	-3.75	0.70
567	3	639	9.99	0.42	-3.47	-3.22	0.17	0.95	-0.75	-1.75	-0.76	-1.74	0.13
		640	9.88	0.54	-3.14	-2.77	0.16	1.11	-0.72	-1.75	-0.74	-1.74	0.13
		659	8.63	0.18	-3.56	-3.45	0.07	0.63	-0.62	-1.48	-0.64	-1.46	0.14
		658	8.81	0.15	-3.90	-3.81	0.06	0.60	-0.64	-1.48	-0.66	-1.47	0.11
567	4	639	21.31	1.18	-12.73	-12.61	1.06	1.29	-1.74	-3.00	-1.78	-2.96	0.23
		640	20.91	1.39	-12.09	-11.80	1.09	1.98	-1.58	-2.95	-1.69	-2.85	0.36
		659	16.94	0.67	-11.87	-11.79	0.59	1.01	-0.75	-1.68	-1.05	-1.38	0.44
		658	17.17	0.59	-12.55	-12.51	0.55	0.70	-0.97	-1.61	-1.12	-1.46	0.26
568	1	640	22.18	1.90	-2.29	-0.08	-0.31	2.09	-1.32	-4.01	-1.33	-4.00	0.19
		641	22.17	2.46	-1.80	0.97	-0.32	2.03	-1.28	-4.00	-1.28	-3.99	0.09
		660	19.90	0.49	-1.85	-1.18	-0.17	1.06	-1.29	-3.73	-1.30	-3.72	0.15
		659	20.36	0.46	-2.58	-1.92	-0.20	1.25	-1.33	-3.81	-1.34	-3.80	0.18
568	2	640	55.49	3.55	-31.31	-30.57	2.81	5.03	-4.25	-8.03	-4.53	-7.75	0.99
		641	53.89	4.32	-28.87	-27.43	2.88	6.76	-3.66	-7.76	-4.14	-7.28	1.31
		660	42.75	2.01	-27.65	-27.29	1.65	3.25	-1.17	-4.45	-2.45	-3.18	1.60
		659	43.64	1.75	-30.26	-30.06	1.55	2.53	-1.88	-4.37	-2.73	-3.53	1.18
568	3	640	9.88	0.54	-3.14	-2.77	0.16	1.11	-0.72	-1.76	-0.74	-1.74	0.13
		641	9.58	0.73	-2.72	-2.17	0.18	1.26	-0.68	-1.71	-0.69	-1.70	0.12
		660	8.22	0.23	-3.09	-2.96	0.10	0.65	-0.57	-1.43	-0.60	-1.40	0.16
		659	8.63	0.18	-3.55	-3.44	0.07	0.63	-0.62	-1.48	-0.64	-1.46	0.14
568	4	640	20.93	1.39	-12.10	-11.80	1.09	1.98	-1.58	-2.95	-1.69	-2.85	0.37
		641	20.31	1.71	-11.16	-10.58	1.13	2.67	-1.36	-2.85	-1.54	-2.67	0.48
		660	16.52	0.78	-10.84	-10.69	0.64	1.30	-0.48	-1.70	-0.94	-1.24	0.59
		659	16.93	0.67	-11.86	-11.78	0.59	1.01	-0.75	-1.68	-1.05	-1.38	0.44
569	1	641	22.18	2.46	-1.80	0.97	-0.32	2.03	-1.28	-4.00	-1.28	-3.99	0.09
		642	21.75	3.22	-1.32	2.17	-0.27	1.92	-1.20	-3.89	-1.20	-3.89	-0.02
		661	18.83	0.63	-1.07	-0.35	-0.09	0.84	-1.20	-3.53	-1.21	-3.53	0.11
		660	19.90	0.50	-1.85	-1.18	-0.17	1.06	-1.29	-3.73	-1.30	-3.72	0.15
569	2	641	53.97	4.31	-28.88	-27.44	2.87	6.76	-3.65	-7.76	-4.14	-7.28	1.32
		642	51.90	5.45	-25.72	-23.22	2.95	8.46	-2.94	-7.34	-3.62	-6.66	1.58
		661	41.38	2.37	-24.13	-23.54	1.78	3.91	-0.39	-4.35	-2.06	-2.69	1.95
		660	42.75	2.02	-27.62	-27.26	1.66	3.25	-1.17	-4.45	-2.45	-3.18	1.60
569	3	641	9.58	0.73	-2.72	-2.17	0.18	1.26	-0.68	-1.71	-0.69	-1.70	0.12
		642	9.10	1.03	-2.24	-1.44	0.23	1.41	-0.62	-1.63	-0.63	-1.62	0.11
		661	7.56	0.31	-2.51	-2.34	0.15	0.66	-0.50	-1.34	-0.54	-1.30	0.18
		660	8.22	0.23	-3.08	-2.95	0.10	0.65	-0.57	-1.43	-0.60	-1.40	0.16
569	4	641	20.34	1.70	-11.17	-10.59	1.13	2.67	-1.36	-2.85	-1.54	-2.67	0.49
		642	19.55	2.19	-9.97	-8.96	1.18	3.35	-1.09	-2.69	-1.34	-2.44	0.58
		661	15.92	0.94	-9.46	-9.22	0.70	1.57	-0.19	-1.66	-0.79	-1.05	0.72
		660	16.52	0.79	-10.83	-10.68	0.64	1.30	-0.48	-1.70	-0.94	-1.24	0.59
570	1	642	21.76	3.22	-1.33	2.17	-0.27	1.92	-1.20	-3.89	-1.20	-3.89	-0.02
		643	20.91	4.20	-0.87	3.46	-0.13	1.78	-1.07	-3.69	-1.08	-3.68	-0.16
		662	17.16	0.98	-0.36	0.57	0.05	0.62	-1.07	-3.22	-1.07	-3.22	0.06
		661	18.83	0.64	-1.07	-0.34	-0.09	0.84	-1.20	-3.53	-1.21	-3.53	0.11
570	2	642	52.00	5.44	-25.74	-23.25	2.95	8.46	-2.93	-7.35	-3.62	-6.66	1.60
		643	49.67	7.13	-22.00	-17.90	3.03	10.13	-2.13	-6.75	-2.97	-5.91	1.78
		662	39.53	2.85	-19.74	-18.82	1.92	4.48	0.43	-4.05	-1.56	-2.06	2.23
		661	41.38	2.39	-24.10	-23.51	1.80	3.92	-0.39	-4.36	-2.06	-2.69	1.96
570	3	642	9.10	1.03	-2.24	-1.44	0.23	1.41	-0.62	-1.63	-0.63	-1.62	0.11
		643	8.49	1.47	-1.74	-0.58	0.31	1.54	-0.53	-1.50	-0.54	-1.50	0.08
		662	6.66	0.45	-1.84	-1.62	0.22	0.68	-0.41	-1.19	-0.46	-1.15	0.18
		661	7.56	0.32	-2.50	-2.34	0.15	0.66	-0.50	-1.34	-0.54	-1.30	0.18
570	4	642	19.58	2.18	-9.97	-8.97	1.18	3.34	-1.09	-2.70	-1.34	-2.44	0.59
		643	18.72	2.89	-8.56	-6.91	1.24	4.02	-0.79	-2.47	-1.10	-2.16	0.65
		662	15.15	1.17	-7.75	-7.36	0.78	1.83	0.13	-1.53	-0.60	-0.81	0.82
		661	15.91	0.95	-9.45	-9.20	0.71	1.57	-0.19	-1.66	-0.79	-1.05	0.72
571	1	643	20.92	4.19	-0.87	3.46	-0.14	1.78	-1.07	-3.69	-1.08	-3.68	-0.16



		644	19.72	5.33	-0.41	4.83	0.10	1.62	-0.88	-3.39	-0.91	-3.35	-0.31
		663	14.93	1.67	0.15	1.55	0.27	0.41	-0.89	-2.79	-0.89	-2.79	-0.01
		662	17.15	0.99	-0.35	0.58	0.06	0.62	-1.08	-3.22	-1.08	-3.22	0.05
571	2	643	49.80	7.11	-22.02	-17.93	3.02	10.12	-2.11	-6.76	-2.96	-5.91	1.80
		644	47.67	9.64	-17.96	-11.41	3.09	11.74	-1.25	-5.99	-2.18	-5.05	1.89
		663	37.33	3.53	-14.55	-13.07	2.06	4.95	1.28	-3.51	-0.94	-1.29	2.39
		662	39.55	2.88	-19.70	-18.77	1.95	4.50	0.43	-4.05	-1.56	-2.06	2.23
571	3	643	8.48	1.47	-1.74	-0.58	0.30	1.54	-0.53	-1.50	-0.54	-1.50	0.08
		644	7.80	2.09	-1.27	0.40	0.42	1.68	-0.42	-1.33	-0.43	-1.33	0.04
		663	5.56	0.67	-1.12	-0.78	0.33	0.71	-0.30	-1.00	-0.35	-0.95	0.17
		662	6.66	0.45	-1.83	-1.61	0.23	0.68	-0.41	-1.19	-0.46	-1.15	0.18
571	4	643	18.76	2.88	-8.57	-6.92	1.24	4.01	-0.78	-2.47	-1.10	-2.16	0.66
		644	18.01	3.94	-7.04	-4.42	1.31	4.68	-0.45	-2.18	-0.80	-1.84	0.69
		663	14.29	1.50	-5.75	-5.11	0.86	2.05	0.45	-1.32	-0.36	-0.51	0.88
		662	15.15	1.18	-7.74	-7.34	0.79	1.83	0.12	-1.53	-0.60	-0.81	0.82
572	1	644	19.73	5.33	-0.41	4.83	0.09	1.62	-0.87	-3.39	-0.91	-3.35	-0.31
		645	18.28	6.57	0.08	6.22	0.43	1.46	-0.61	-3.01	-0.71	-2.91	-0.47
		664	12.29	2.59	0.53	2.56	0.56	0.24	-0.66	-2.25	-0.66	-2.25	-0.10
		663	14.91	1.68	0.16	1.56	0.28	0.41	-0.90	-2.79	-0.90	-2.79	-0.02
572	2	644	47.80	9.60	-17.98	-11.45	3.07	11.73	-1.22	-6.00	-2.18	-5.05	1.91
		645	46.67	13.43	-13.99	-3.66	3.11	13.28	-0.33	-5.08	-1.28	-4.13	1.90
		664	35.19	4.71	-8.79	-6.26	2.18	5.27	2.14	-2.74	-0.19	-0.41	2.44
		663	37.37	3.59	-14.50	-13.01	2.10	4.98	1.27	-3.52	-0.96	-1.29	2.39
572	3	644	7.79	2.09	-1.27	0.39	0.42	1.68	-0.42	-1.33	-0.42	-1.33	0.04
		645	7.16	2.92	-0.85	1.48	0.59	1.83	-0.29	-1.13	-0.29	-1.13	-5.80e-03
		664	4.44	1.09	-0.45	0.17	0.47	0.75	-0.18	-0.76	-0.22	-0.72	0.15
		663	5.55	0.69	-1.12	-0.77	0.34	0.71	-0.31	-1.00	-0.35	-0.95	0.17
572	4	644	18.06	3.92	-7.05	-4.43	1.30	4.68	-0.45	-2.19	-0.80	-1.83	0.70
		645	17.73	5.48	-5.55	-1.45	1.38	5.33	-0.11	-1.84	-0.46	-1.49	0.70
		664	13.53	2.06	-3.56	-2.45	0.95	2.24	0.78	-1.03	-0.08	-0.17	0.90
		663	14.30	1.52	-5.73	-5.08	0.88	2.06	0.44	-1.33	-0.37	-0.51	0.88
573	1	645	18.32	6.56	0.08	6.21	0.42	1.46	-0.59	-3.01	-0.69	-2.91	-0.47
		646	16.80	7.83	0.61	7.56	0.87	1.35	-0.27	-2.55	-0.46	-2.36	-0.64
		665	9.70	3.60	0.90	3.59	0.91	0.15	-0.35	-1.65	-0.38	-1.62	-0.20
		664	12.30	2.61	0.55	2.58	0.58	0.26	-0.68	-2.26	-0.69	-2.25	-0.11
573	2	645	46.79	13.37	-14.01	-3.72	3.07	13.26	-0.29	-5.07	-1.25	-4.12	1.92
		646	47.87	19.04	-10.54	5.43	3.07	14.74	0.58	-4.05	-0.28	-3.18	1.80
		665	34.07	7.38	-3.43	1.68	2.26	5.40	2.97	-1.70	0.71	0.56	2.33
		664	35.23	4.82	-8.75	-6.18	2.25	5.32	2.09	-2.76	-0.25	-0.42	2.42
573	3	645	7.14	2.91	-0.86	1.47	0.58	1.83	-0.28	-1.13	-0.28	-1.13	-3.98e-03
		646	6.73	3.92	-0.48	2.64	0.79	1.99	-0.14	-0.90	-0.14	-0.89	-0.06
		665	3.65	1.80	0.05	1.21	0.64	0.83	-0.03	-0.48	-0.06	-0.45	0.11
		664	4.42	1.11	-0.45	0.18	0.48	0.76	-0.19	-0.76	-0.23	-0.72	0.14
573	4	645	17.77	5.46	-5.56	-1.47	1.37	5.33	-0.10	-1.84	-0.45	-1.48	0.70
		646	18.31	7.70	-4.24	2.01	1.44	5.96	0.23	-1.46	-0.09	-1.14	0.66
		665	13.25	3.23	-1.55	0.64	1.04	2.38	1.09	-0.63	0.26	0.20	0.86
		664	13.55	2.11	-3.55	-2.42	0.98	2.26	0.76	-1.03	-0.10	-0.18	0.89
574	1	646	16.93	7.81	0.59	7.55	0.85	1.33	-0.22	-2.54	-0.41	-2.35	-0.63
		647	15.38	9.00	1.14	8.77	1.36	1.31	0.14	-2.03	-0.19	-1.69	-0.78
		666	8.40	4.67	1.22	4.66	1.23	0.18	0.06	-1.08	-0.05	-0.98	-0.33
		665	9.72	3.63	0.94	3.62	0.95	0.18	-0.42	-1.67	-0.46	-1.63	-0.22
574	2	646	47.93	18.92	-10.55	5.38	2.99	14.69	0.68	-4.01	-0.17	-3.17	1.80
		647	52.35	26.75	-7.91	15.81	3.03	16.11	1.44	-2.98	0.72	-2.25	1.63
		666	36.18	13.49	-0.34	10.95	2.20	5.35	3.74	-0.43	1.81	1.50	2.08
		665	33.85	7.60	-3.41	1.79	2.40	5.50	2.82	-1.79	0.49	0.53	2.30
574	3	646	6.67	3.90	-0.49	2.64	0.78	1.99	-0.11	-0.89	-0.12	-0.89	-0.06
		647	6.61	5.04	-0.15	3.85	1.04	2.18	0.04	-0.64	0.02	-0.62	-0.11
		666	3.95	2.80	0.37	2.35	0.82	0.94	0.14	-0.19	0.13	-0.18	0.05
		665	3.51	1.84	0.06	1.23	0.67	0.85	-0.07	-0.48	-0.10	-0.46	0.10
574	4	646	18.32	7.65	-4.25	1.99	1.41	5.94	0.27	-1.44	-0.04	-1.13	0.66
		647	20.11	10.66	-3.19	5.94	1.53	6.57	0.56	-1.06	0.29	-0.79	0.60
		666	14.19	5.58	-0.26	4.21	1.11	2.47	1.38	-0.15	0.68	0.55	0.76
		665	13.18	3.32	-1.54	0.68	1.10	2.42	1.03	-0.66	0.18	0.19	0.85
575	1	647	15.72	8.97	1.05	8.76	1.26	1.27	0.25	-1.96	-0.08	-1.63	-0.78
		648	14.13	9.85	1.65	9.59	1.92	1.46	0.65	-1.36	0.14	-0.84	-0.88
		667	9.97	5.90	1.20	5.86	1.24	0.43	0.54	-0.74	0.34	-0.54	-0.47
		666	8.23	4.73	1.37	4.71	1.38	0.23	-0.14	-1.19	-0.28	-1.05	-0.36
575	2	647	52.40	26.49	-7.84	15.89	2.75	15.86	1.60	-2.91	0.96	-2.26	1.58
		648	60.00	35.94	-5.96	26.32	3.66	17.63	2.53	-1.53	1.83	-0.84	1.53
		667	46.29	23.75	-0.47	22.22	1.07	5.90	4.30	0.56	3.15	1.71	1.72
		666	34.46	13.86	-0.04	11.13	2.69	5.53	3.30	-0.79	1.11	1.40	2.04
575	3	647	6.55	5.00	-0.16	3.85	0.98	2.14	0.09	-0.62	0.07	-0.60	-0.12
		648	6.86	6.17	0.13	4.93	1.36	2.43	0.24	-0.31	0.20	-0.27	-0.14
		667	5.80	4.08	0.43	3.66	0.85	1.17	0.36	-0.04	0.35	-0.04	-0.02
		666	3.38	2.87	0.43	2.38	0.92	0.98	0.01	-0.23	4.03e-03	-0.22	0.04
575	4	647	20.09	10.55	-3.16	5.97	1.42	6.47	0.62	-1.03	0.38	-0.79	0.58
		648	23.14	14.15	-2.38	9.89	1.88	7.22	0.97	-0.53	0.71	-0.27	0.57



		667	17.98	9.41	-0.11	8.51	0.80	2.79	1.60	0.22	1.19	0.63	0.63
		666	13.58	5.75	-0.16	4.28	1.31	2.55	1.21	-0.29	0.41	0.51	0.75
576	1	648	13.78	9.44	1.58	9.21	1.81	1.33	0.78	-1.14	0.30	-0.67	-0.83
		145	18.28	9.23	1.84	9.00	2.08	1.29	2.31	-0.43	1.17	0.71	-1.35
		95	12.03	7.30	0.33	6.77	0.87	1.85	0.99	-0.44	0.80	-0.25	-0.48
576	2	667	10.42	6.83	1.57	6.73	1.66	0.70	-0.07	-1.25	-0.34	-0.97	-0.50
		648	58.88	35.99	-6.21	26.16	3.62	17.84	2.27	-1.54	1.45	-0.73	1.57
		145	77.38	38.96	-4.43	29.35	5.18	18.02	7.86	3.44	7.70	3.60	0.83
		95	79.12	43.01	-7.98	38.41	-3.38	14.60	5.42	5.89e-03	5.29	0.14	0.83
576	3	667	40.61	25.83	0.85	24.57	2.11	5.48	2.89	-1.10	0.92	0.87	1.99
		648	6.75	6.03	0.10	4.80	1.33	2.41	0.26	-0.26	0.23	-0.22	-0.13
		145	9.25	6.28	0.31	4.96	1.63	2.48	1.14	0.35	0.95	0.55	-0.34
		95	9.82	6.24	-0.46	5.25	0.53	2.38	0.67	-0.11	0.66	-0.10	-0.08
576	4	667	4.58	4.55	0.63	4.11	1.07	1.24	-0.03	-0.24	-0.03	-0.24	-9.18e-03
		648	22.72	14.16	-2.47	9.83	1.87	7.30	0.87	-0.54	0.57	-0.24	0.58
		145	29.44	15.32	-1.78	10.99	2.55	7.43	2.94	1.34	2.88	1.40	0.30
		95	30.27	16.79	-2.89	14.62	-0.73	6.15	2.04	-0.04	1.99	9.43e-03	0.31
577	1	667	15.92	10.18	0.42	9.39	1.20	2.66	1.05	-0.41	0.34	0.31	0.73
		3	6.81	3.51	-1.59	-0.36	2.27	-2.18	0.80	0.34	0.79	0.34	0.06
		649	6.92	3.58	-0.50	1.09	1.99	-1.99	-0.24	-0.63	-0.43	-0.44	0.20
		668	3.71	1.46	-2.03	-1.74	1.17	-0.97	-0.09	-0.32	-0.11	-0.29	-0.07
577	2	41	6.67	3.18	-1.38	0.21	1.59	-2.17	0.75	0.10	0.71	0.14	-0.16
		3	50.17	12.26	-12.90	-1.91	1.27	-12.48	4.60	-1.21	3.18	0.20	-2.49
		649	58.24	16.92	-11.47	2.64	2.81	-14.20	1.02	-5.30	-2.40	-1.88	-3.15
		668	43.58	6.01	-13.62	-9.03	1.41	-8.31	2.62	-2.70	-0.23	0.14	-2.65
577	3	41	55.42	12.15	-8.54	1.04	2.56	-10.32	4.99	-2.09	1.94	0.95	-3.50
		3	5.80	2.59	-1.77	-0.32	1.14	-2.05	0.56	0.09	0.49	0.15	-0.17
		649	5.39	2.85	-1.31	0.47	1.07	-2.06	-0.13	-0.46	-0.31	-0.28	-0.16
		668	4.56	1.14	-1.97	-1.44	0.61	-1.17	0.17	-0.25	-0.03	-0.05	-0.21
577	4	41	6.63	2.38	-1.37	0.10	0.91	-1.83	0.55	-0.11	0.36	0.09	-0.30
		3	19.31	5.20	-5.14	-0.78	0.84	-5.10	1.73	-0.41	1.20	0.11	-0.92
		649	22.15	6.80	-4.56	0.93	1.31	-5.68	0.36	-1.96	-0.89	-0.71	-1.15
		668	16.59	2.51	-5.43	-3.60	0.68	-3.35	0.99	-0.97	-0.06	0.07	-0.98
578	1	41	21.21	5.04	-3.49	0.34	1.20	-4.25	1.83	-0.78	0.72	0.33	-1.29
		649	6.82	3.11	-1.59	-0.24	1.75	-2.13	0.31	-0.23	0.23	-0.15	0.20
		650	6.11	1.94	-2.03	-1.52	1.43	-1.33	-0.42	-0.73	-0.46	-0.70	0.10
		669	6.61	0.54	-2.05	-2.03	0.53	-0.20	-0.24	-1.01	-0.29	-0.95	-0.20
578	2	668	4.02	1.53	-1.28	-0.98	1.24	-0.86	-0.24	-0.58	-0.34	-0.49	-0.15
		649	57.80	14.28	-16.81	-3.59	1.06	-15.37	3.79	-2.28	1.29	0.22	-2.99
		650	60.73	10.75	-20.16	-11.56	2.16	-13.85	1.97	-4.48	-1.66	-0.85	-3.20
		669	45.70	3.17	-15.01	-11.54	-0.30	-7.15	3.05	-3.16	0.13	-0.24	-3.10
578	3	668	45.97	6.72	-10.21	-5.49	2.00	-7.59	2.01	-4.05	-1.17	-0.87	-3.02
		649	5.33	2.48	-2.08	-0.45	0.86	-2.18	0.24	-0.11	0.17	-0.04	-0.15
		650	5.79	1.69	-2.49	-1.56	0.75	-1.74	-0.10	-0.49	-0.28	-0.30	-0.19
		669	4.75	0.45	-2.08	-1.84	0.20	-0.75	0.11	-0.51	-0.08	-0.31	-0.29
578	4	668	5.00	1.23	-1.46	-0.91	0.67	-1.09	0.07	-0.46	-0.19	-0.19	-0.27
		649	21.94	5.80	-6.59	-1.45	0.66	-6.11	1.38	-0.83	0.48	0.07	-1.09
		650	23.00	4.32	-7.88	-4.53	0.97	-5.45	0.69	-1.67	-0.64	-0.35	-1.17
		669	17.27	1.28	-5.98	-4.65	-0.04	-2.80	1.12	-1.18	0.04	-0.10	-1.15
579	1	668	17.52	2.79	-4.13	-2.24	0.90	-3.08	0.75	-1.49	-0.43	-0.31	-1.12
		650	6.58	1.85	-2.04	-1.56	1.37	-1.28	-0.13	-0.67	-0.17	-0.64	0.13
		651	8.19	1.03	-2.55	-2.48	0.96	-0.49	-0.54	-1.25	-0.56	-1.24	0.10
		670	8.63	0.38	-3.04	-3.00	0.34	0.35	-0.41	-1.33	-0.45	-1.29	-0.19
579	2	669	6.43	0.64	-2.05	-2.03	0.62	-0.20	-0.37	-1.04	-0.44	-0.97	-0.20
		650	56.25	10.24	-20.31	-11.79	1.72	-13.70	2.65	-3.34	-0.22	-0.47	-2.99
		651	55.28	6.93	-23.29	-18.03	1.67	-11.46	1.13	-4.52	-1.71	-1.68	-2.83
		670	43.89	1.67	-19.05	-17.17	-0.20	-5.95	2.93	-2.72	-0.14	0.34	-2.82
579	3	669	46.71	3.55	-14.78	-11.48	0.25	-7.04	2.56	-3.64	-0.66	-0.42	-3.10
		650	5.03	1.62	-2.50	-1.59	0.71	-1.71	0.02	-0.35	-0.08	-0.25	-0.17
		651	5.42	0.95	-2.88	-2.45	0.52	-1.22	-0.22	-0.63	-0.32	-0.53	-0.17
		670	4.72	0.19	-2.77	-2.71	0.12	-0.42	0.01	-0.56	-0.16	-0.39	-0.26
579	4	669	4.97	0.51	-2.07	-1.84	0.28	-0.74	0.03	-0.55	-0.19	-0.33	-0.29
		650	21.28	4.13	-7.94	-4.62	0.81	-5.39	0.95	-1.24	-0.09	-0.20	-1.09
		651	20.92	2.76	-9.09	-7.06	0.73	-4.47	0.37	-1.70	-0.66	-0.66	-1.03
		670	16.62	0.65	-7.60	-6.91	-0.04	-2.29	1.06	-1.03	-0.07	0.10	-1.04
580	1	669	17.67	1.43	-5.90	-4.63	0.17	-2.77	0.93	-1.36	-0.26	-0.17	-1.14
		651	8.40	1.03	-2.55	-2.49	0.96	-0.47	-0.44	-1.24	-0.46	-1.22	0.12
		652	10.83	0.65	-3.12	-3.11	0.64	0.17	-0.71	-1.80	-0.73	-1.79	0.12
		671	10.24	0.33	-3.88	-3.74	0.20	0.74	-0.57	-1.61	-0.59	-1.59	-0.16
580	2	670	8.52	0.39	-3.03	-3.00	0.36	0.35	-0.47	-1.34	-0.51	-1.30	-0.19
		651	53.14	6.84	-23.34	-18.12	1.62	-11.42	1.32	-4.13	-1.24	-1.57	-2.72
		652	51.14	4.56	-26.11	-23.07	1.52	-9.16	0.09	-4.70	-2.08	-2.53	-2.38
		671	42.60	0.77	-22.88	-21.88	-0.23	-4.75	2.70	-2.27	-0.35	0.78	-2.42
		670	44.94	1.75	-18.99	-17.12	-0.12	-5.94	2.79	-2.96	-0.45	0.28	-2.85
580	3	651	5.07	0.94	-2.89	-2.46	0.52	-1.21	-0.18	-0.59	-0.25	-0.52	-0.15
		652	5.68	0.54	-3.29	-3.12	0.37	-0.78	-0.36	-0.81	-0.40	-0.77	-0.13
		671	4.91	0.07	-3.42	-3.41	0.06	-0.17	-0.10	-0.60	-0.23	-0.46	-0.22



		670	4.89	0.20	-2.76	-2.70	0.13	-0.42	-0.02	-0.58	-0.21	-0.39	-0.27
580	4	651	20.10	2.73	-9.11	-7.09	0.71	-4.45	0.45	-1.55	-0.48	-0.62	-1.00
		652	19.41	1.79	-10.19	-9.03	0.63	-3.54	-0.02	-1.77	-0.80	-0.99	-0.87
		671	16.24	0.29	-9.14	-8.78	-0.07	-1.80	0.96	-0.87	-0.16	0.24	-0.89
		670	17.02	0.68	-7.58	-6.89	-6.77e-03	-2.29	1.00	-1.12	-0.19	0.07	-1.05
581	1	652	10.89	0.66	-3.13	-3.12	0.65	0.17	-0.68	-1.79	-0.69	-1.78	0.13
		653	13.31	0.51	-3.60	-3.49	0.40	0.66	-0.88	-2.31	-0.90	-2.29	0.14
		672	11.66	0.31	-4.47	-4.25	0.10	1.00	-0.70	-1.88	-0.71	-1.87	-0.11
		671	10.21	0.34	-3.87	-3.74	0.20	0.74	-0.59	-1.62	-0.62	-1.59	-0.16
581	2	652	50.26	4.54	-26.15	-23.13	1.51	-9.14	0.15	-4.56	-1.92	-2.50	-2.34
		653	48.30	3.06	-28.62	-27.01	1.46	-6.95	-0.89	-4.78	-2.46	-3.21	-1.91
		672	41.58	0.25	-26.08	-25.59	-0.24	-3.58	2.39	-1.82	-0.48	1.06	-1.96
		671	43.25	0.79	-22.84	-21.84	-0.21	-4.76	2.69	-2.38	-0.45	0.76	-2.46
581	3	652	5.56	0.54	-3.29	-3.13	0.37	-0.77	-0.34	-0.80	-0.38	-0.76	-0.12
		653	6.53	0.31	-3.66	-3.62	0.27	-0.41	-0.47	-0.99	-0.48	-0.98	-0.09
		672	5.22	0.02	-3.94	-3.94	0.02	0.02	-0.19	-0.63	-0.28	-0.54	-0.18
		671	4.99	0.07	-3.41	-3.40	0.06	-0.17	-0.10	-0.61	-0.24	-0.47	-0.23
581	4	652	19.07	1.78	-10.21	-9.06	0.63	-3.54	4.98e-03	-1.72	-0.74	-0.98	-0.85
		653	18.44	1.19	-11.19	-10.58	0.58	-2.67	-0.38	-1.81	-0.94	-1.25	-0.70
		672	15.98	0.09	-10.43	-10.26	-0.08	-1.33	0.83	-0.72	-0.22	0.32	-0.72
		671	16.48	0.30	-9.13	-8.77	-0.06	-1.80	0.95	-0.91	-0.20	0.23	-0.91
582	1	653	13.33	0.51	-3.60	-3.50	0.41	0.66	-0.87	-2.30	-0.88	-2.29	0.15
		654	15.50	0.46	-3.90	-3.66	0.21	1.00	-1.03	-2.75	-1.05	-2.74	0.16
		673	12.90	0.29	-4.81	-4.54	0.02	1.14	-0.81	-2.13	-0.81	-2.13	-0.06
		672	11.66	0.31	-4.46	-4.24	0.10	0.99	-0.71	-1.88	-0.72	-1.87	-0.12
582	2	653	47.94	3.05	-28.65	-27.05	1.45	-6.94	-0.87	-4.72	-2.40	-3.20	-1.89
		654	46.39	2.13	-30.64	-29.93	1.42	-4.79	-1.76	-4.72	-2.76	-3.71	-1.40
		673	40.72	-0.04	-28.55	-28.34	-0.25	-2.41	2.01	-1.41	-0.59	1.19	-1.46
		672	41.94	0.26	-26.06	-25.56	-0.24	-3.58	2.41	-1.88	-0.52	1.05	-2.00
582	3	653	6.55	0.31	-3.66	-3.62	0.27	-0.41	-0.46	-0.99	-0.47	-0.98	-0.09
		654	7.45	0.20	-3.95	-3.95	0.19	-0.11	-0.55	-1.16	-0.55	-1.15	-0.05
		673	5.56	-6.14e-03	-4.31	-4.31	-0.01	0.17	-0.28	-0.67	-0.33	-0.63	-0.12
		672	5.25	0.02	-3.94	-3.94	0.02	0.02	-0.20	-0.64	-0.29	-0.54	-0.18
582	4	653	18.30	1.18	-11.20	-10.60	0.58	-2.66	-0.38	-1.79	-0.92	-1.24	-0.69
		654	17.84	0.82	-12.00	-11.73	0.55	-1.83	-0.71	-1.80	-1.06	-1.44	-0.51
		673	15.77	-0.02	-11.43	-11.36	-0.09	-0.88	0.67	-0.57	-0.26	0.36	-0.54
		672	16.10	0.09	-10.42	-10.25	-0.08	-1.33	0.83	-0.74	-0.23	0.32	-0.74
583	1	654	15.51	0.46	-3.91	-3.66	0.22	1.00	-1.03	-2.75	-1.04	-2.74	0.17
		655	17.33	0.45	-4.01	-3.63	0.07	1.24	-1.15	-3.13	-1.17	-3.12	0.18
		674	13.96	0.25	-4.95	-4.66	-0.04	1.20	-0.90	-2.36	-0.90	-2.36	-0.01
		673	12.91	0.29	-4.81	-4.54	0.02	1.14	-0.81	-2.13	-0.81	-2.13	-0.07
583	2	654	46.23	2.13	-30.67	-29.95	1.41	-4.80	-1.75	-4.69	-2.74	-3.70	-1.39
		655	45.23	1.61	-32.07	-31.85	1.39	-2.69	-2.49	-4.53	-2.98	-4.04	-0.87
		674	40.04	-0.19	-30.22	-30.17	-0.25	-1.26	1.59	-1.06	-0.68	1.21	-0.93
		673	40.92	-0.04	-28.53	-28.32	-0.25	-2.41	2.03	-1.45	-0.61	1.18	-1.49
583	3	654	7.46	0.20	-3.95	-3.95	0.19	-0.11	-0.55	-1.16	-0.55	-1.15	-0.04
		655	8.16	0.14	-4.13	-4.13	0.14	0.15	-0.61	-1.30	-0.61	-1.30	-2.58e-03
		674	5.89	-0.02	-4.54	-4.52	-0.03	0.28	-0.35	-0.72	-0.36	-0.70	-0.07
		673	5.57	-5.85e-03	-4.31	-4.30	-0.01	0.17	-0.28	-0.67	-0.33	-0.63	-0.13
583	4	654	17.78	0.81	-12.01	-11.74	0.55	-1.83	-0.71	-1.79	-1.05	-1.44	-0.50
		655	17.51	0.61	-12.57	-12.49	0.53	-1.01	-0.98	-1.74	-1.14	-1.57	-0.32
		674	15.62	-0.08	-12.10	-12.08	-0.09	-0.45	0.50	-0.45	-0.30	0.35	-0.34
		673	15.84	-0.02	-11.42	-11.35	-0.09	-0.88	0.68	-0.59	-0.27	0.36	-0.55
584	1	655	17.34	0.45	-4.01	-3.63	0.07	1.24	-1.15	-3.14	-1.17	-3.12	0.18
		656	18.75	0.45	-3.92	-3.42	-0.05	1.39	-1.24	-3.44	-1.26	-3.42	0.20
		675	14.84	0.21	-4.91	-4.61	-0.08	1.18	-0.96	-2.56	-0.96	-2.56	0.04
		674	13.97	0.25	-4.95	-4.66	-0.04	1.20	-0.90	-2.36	-0.90	-2.36	-0.01
584	2	655	45.16	1.61	-32.09	-31.87	1.39	-2.69	-2.49	-4.52	-2.97	-4.04	-0.86
		656	44.74	1.40	-32.83	-32.82	1.39	-0.61	-3.00	-4.32	-3.09	-4.23	-0.33
		675	39.58	-0.23	-31.09	-31.09	-0.23	-0.13	1.21	-0.83	-0.76	1.13	-0.38
		674	40.14	-0.19	-30.21	-30.16	-0.24	-1.26	1.60	-1.09	-0.69	1.20	-0.96
584	3	655	8.17	0.14	-4.13	-4.13	0.14	0.15	-0.61	-1.30	-0.61	-1.30	-8.71e-04
		656	8.66	0.13	-4.19	-4.16	0.10	0.38	-0.64	-1.40	-0.65	-1.40	0.04
		675	6.17	-0.02	-4.63	-4.60	-0.05	0.36	-0.39	-0.78	-0.39	-0.78	-0.01
		674	5.89	-0.02	-4.54	-4.52	-0.03	0.28	-0.35	-0.72	-0.37	-0.70	-0.07
584	4	655	17.49	0.61	-12.57	-12.50	0.53	-1.01	-0.98	-1.73	-1.14	-1.57	-0.31
		656	17.40	0.53	-12.87	-12.87	0.52	-0.21	-1.16	-1.67	-1.19	-1.64	-0.12
		675	15.51	-0.09	-12.45	-12.45	-0.09	-0.02	0.35	-0.36	-0.33	0.32	-0.14
		674	15.65	-0.08	-12.10	-12.08	-0.09	-0.45	0.50	-0.46	-0.30	0.35	-0.35
585	1	656	18.75	0.45	-3.92	-3.42	-0.05	1.39	-1.24	-3.44	-1.26	-3.42	0.20
		657	19.72	0.47	-3.67	-3.06	-0.13	1.46	-1.30	-3.65	-1.32	-3.64	0.20
		676	15.51	0.16	-4.70	-4.43	-0.11	1.12	-1.01	-2.73	-1.01	-2.73	0.09
		675	14.84	0.21	-4.90	-4.61	-0.08	1.18	-0.96	-2.56	-0.96	-2.56	0.04
585	2	656	44.72	1.40	-32.84	-32.83	1.39	-0.62	-3.00	-4.31	-3.09	-4.23	-0.32
		657	44.84	1.48	-32.91	-32.85	1.42	1.45	-3.07	-4.30	-3.10	-4.27	0.20
		676	39.38	-0.16	-31.14	-31.11	-0.20	1.00	1.01	-0.84	-0.82	0.99	0.17
		675	39.61	-0.23	-31.09	-31.09	-0.23	-0.13	1.22	-0.85	-0.76	1.13	-0.41



585	3	656	8.66	0.13	-4.19	-4.16	0.10	0.38	-0.64	-1.40	-0.65	-1.40	0.04
		657	8.92	0.15	-4.13	-4.05	0.07	0.58	-0.66	-1.48	-0.67	-1.47	0.08
		676	6.40	-0.01	-4.58	-4.54	-0.05	0.43	-0.41	-0.84	-0.41	-0.84	0.05
		675	6.17	-0.02	-4.63	-4.60	-0.05	0.36	-0.39	-0.78	-0.39	-0.78	-0.01
585	4	656	17.39	0.53	-12.88	-12.87	0.52	-0.22	-1.16	-1.67	-1.19	-1.64	-0.11
		657	17.46	0.56	-12.90	-12.88	0.53	0.57	-1.18	-1.67	-1.19	-1.66	0.08
		676	15.45	-0.07	-12.46	-12.45	-0.08	0.40	0.27	-0.36	-0.36	0.26	0.07
		675	15.52	-0.09	-12.44	-12.44	-0.09	-0.02	0.35	-0.37	-0.33	0.32	-0.15
586	1	657	19.72	0.47	-3.66	-3.06	-0.13	1.46	-1.30	-3.66	-1.32	-3.64	0.20
		658	20.25	0.53	-3.27	-2.56	-0.18	1.48	-1.33	-3.78	-1.35	-3.76	0.20
		677	15.97	0.12	-4.36	-4.12	-0.12	1.01	-1.04	-2.86	-1.05	-2.84	0.14
		676	15.52	0.16	-4.70	-4.43	-0.11	1.12	-1.01	-2.73	-1.01	-2.73	0.09
586	2	657	44.84	1.48	-32.91	-32.84	1.42	1.44	-3.07	-4.30	-3.10	-4.27	0.21
		658	45.44	1.83	-32.30	-31.94	1.47	3.50	-2.67	-4.51	-3.02	-4.16	0.72
		677	39.47	2.21e-03	-30.38	-30.23	-0.15	2.13	1.06	-1.12	-0.86	0.80	0.70
		676	39.36	-0.16	-31.14	-31.11	-0.20	1.00	1.00	-0.83	-0.82	0.99	0.14
586	3	657	8.92	0.15	-4.13	-4.05	0.07	0.58	-0.66	-1.48	-0.67	-1.47	0.08
		658	8.95	0.21	-3.96	-3.82	0.06	0.76	-0.65	-1.51	-0.67	-1.50	0.12
		677	6.56	1.04e-03	-4.41	-4.36	-0.05	0.48	-0.41	-0.91	-0.43	-0.89	0.10
		676	6.40	-0.01	-4.58	-4.54	-0.05	0.43	-0.41	-0.84	-0.41	-0.84	0.04
586	4	657	17.46	0.56	-12.90	-12.88	0.53	0.57	-1.18	-1.67	-1.19	-1.66	0.08
		658	17.66	0.69	-12.66	-12.52	0.55	1.36	-1.04	-1.74	-1.16	-1.61	0.27
		677	15.46	-5.08e-03	-12.15	-12.09	-0.06	0.82	0.30	-0.48	-0.37	0.19	0.27
		676	15.44	-0.07	-12.46	-12.45	-0.08	0.40	0.27	-0.36	-0.36	0.26	0.06
587	1	658	20.26	0.53	-3.27	-2.56	-0.18	1.48	-1.33	-3.78	-1.35	-3.76	0.20
		659	20.38	0.64	-2.77	-1.93	-0.20	1.47	-1.32	-3.80	-1.34	-3.78	0.19
		678	16.19	0.09	-3.91	-3.70	-0.12	0.88	-1.05	-2.93	-1.06	-2.91	0.18
		677	15.97	0.12	-4.36	-4.12	-0.12	1.01	-1.04	-2.86	-1.05	-2.84	0.14
587	2	658	45.46	1.83	-32.29	-31.93	1.47	3.50	-2.67	-4.52	-3.02	-4.16	0.73
		659	46.43	2.50	-31.05	-30.10	1.55	5.57	-2.06	-4.69	-2.83	-3.91	1.20
		678	39.86	0.29	-28.84	-28.46	-0.09	3.28	1.26	-1.56	-0.87	0.56	1.21
		677	39.39	-2.37e-04	-30.39	-30.24	-0.15	2.13	1.04	-1.10	-0.86	0.80	0.68
587	3	658	8.95	0.21	-3.96	-3.81	0.06	0.76	-0.65	-1.51	-0.67	-1.50	0.12
		659	8.76	0.31	-3.68	-3.45	0.07	0.94	-0.62	-1.50	-0.65	-1.48	0.15
		678	6.64	0.03	-4.12	-4.05	-0.05	0.54	-0.39	-0.96	-0.43	-0.92	0.15
		677	6.56	5.04e-04	-4.41	-4.36	-0.05	0.48	-0.41	-0.91	-0.43	-0.89	0.10
587	4	658	17.66	0.69	-12.66	-12.52	0.55	1.36	-1.03	-1.74	-1.16	-1.61	0.27
		659	17.96	0.95	-12.16	-11.79	0.59	2.16	-0.81	-1.80	-1.09	-1.52	0.45
		678	15.54	0.10	-11.52	-11.38	-0.03	1.25	0.39	-0.65	-0.37	0.11	0.46
		677	15.43	-6.04e-03	-12.15	-12.10	-0.06	0.82	0.29	-0.47	-0.37	0.19	0.26
588	1	659	20.39	0.64	-2.77	-1.93	-0.20	1.47	-1.32	-3.80	-1.34	-3.78	0.19
		660	19.92	0.86	-2.22	-1.19	-0.17	1.45	-1.28	-3.70	-1.29	-3.69	0.16
		679	16.13	0.08	-3.36	-3.18	-0.10	0.76	-1.03	-2.95	-1.06	-2.92	0.22
		678	16.19	0.08	-3.91	-3.70	-0.12	0.88	-1.05	-2.93	-1.06	-2.91	0.18
588	2	659	46.46	2.51	-31.02	-30.07	1.56	5.57	-2.05	-4.70	-2.83	-3.91	1.21
		660	47.73	3.57	-29.22	-27.31	1.66	7.68	-1.32	-4.73	-2.54	-3.51	1.63
		679	40.53	0.73	-26.55	-25.80	-0.01	4.45	1.50	-2.05	-0.84	0.30	1.68
		678	39.73	0.28	-28.85	-28.48	-0.09	3.28	1.23	-1.54	-0.87	0.56	1.19
588	3	659	8.76	0.31	-3.68	-3.45	0.07	0.94	-0.62	-1.51	-0.65	-1.48	0.15
		660	8.51	0.47	-3.33	-2.96	0.10	1.12	-0.57	-1.45	-0.60	-1.42	0.17
		679	6.65	0.07	-3.71	-3.62	-0.03	0.60	-0.35	-1.00	-0.42	-0.93	0.20
		678	6.64	0.02	-4.12	-4.05	-0.05	0.54	-0.39	-0.96	-0.43	-0.92	0.15
588	4	659	17.97	0.96	-12.15	-11.78	0.59	2.16	-0.80	-1.80	-1.09	-1.52	0.45
		660	18.36	1.37	-11.43	-10.70	0.64	2.97	-0.53	-1.81	-0.98	-1.36	0.61
		679	15.69	0.27	-10.59	-10.32	-2.66e-03	1.69	0.49	-0.82	-0.36	0.02	0.63
		678	15.50	0.10	-11.53	-11.39	-0.04	1.24	0.38	-0.64	-0.37	0.11	0.45
589	1	660	19.93	0.86	-2.21	-1.18	-0.17	1.45	-1.28	-3.71	-1.29	-3.69	0.17
		661	18.85	1.23	-1.66	-0.35	-0.09	1.44	-1.19	-3.50	-1.20	-3.49	0.13
		680	15.77	0.11	-2.72	-2.56	-0.05	0.66	-1.00	-2.91	-1.03	-2.87	0.24
		679	16.13	0.08	-3.36	-3.18	-0.10	0.76	-1.03	-2.95	-1.06	-2.93	0.21
589	2	660	47.77	3.58	-29.18	-27.27	1.67	7.67	-1.31	-4.74	-2.54	-3.51	1.65
		661	49.27	5.15	-26.93	-23.57	1.79	9.82	-0.50	-4.59	-2.13	-2.96	2.00
		680	41.45	1.43	-23.60	-22.25	0.08	5.65	1.73	-2.50	-0.79	0.02	2.08
		679	40.37	0.73	-26.57	-25.82	-0.02	4.45	1.47	-2.02	-0.84	0.30	1.65
589	3	660	8.52	0.47	-3.32	-2.95	0.10	1.12	-0.57	-1.45	-0.61	-1.42	0.17
		661	8.08	0.72	-2.92	-2.35	0.15	1.32	-0.50	-1.35	-0.54	-1.31	0.19
		680	6.58	0.14	-3.20	-3.06	-2.35e-03	0.67	-0.31	-1.02	-0.40	-0.93	0.23
		679	6.64	0.07	-3.71	-3.62	-0.03	0.59	-0.35	-1.00	-0.42	-0.93	0.19
589	4	660	18.38	1.37	-11.41	-10.68	0.64	2.97	-0.53	-1.81	-0.98	-1.36	0.61
		661	18.85	2.00	-10.52	-9.22	0.71	3.81	-0.23	-1.74	-0.82	-1.15	0.74
		680	15.93	0.53	-9.39	-8.90	0.04	2.15	0.59	-0.99	-0.33	-0.07	0.78
		679	15.64	0.26	-10.60	-10.33	-4.51e-03	1.69	0.48	-0.82	-0.36	0.02	0.62
590	1	661	18.85	1.23	-1.66	-0.34	-0.09	1.44	-1.19	-3.50	-1.20	-3.49	0.13
		662	17.15	1.81	-1.18	0.57	0.05	1.47	-1.06	-3.17	-1.06	-3.17	0.07
		681	15.05	0.20	-2.04	-1.85	0.02	0.61	-0.93	-2.79	-0.97	-2.75	0.26
590	2	680	15.77	0.11	-2.73	-2.57	-0.05	0.65	-1.00	-2.91	-1.03	-2.87	0.24
		661	49.34	5.17	-26.88	-23.52	1.80	9.82	-0.49	-4.60	-2.14	-2.96	2.01



		662	51.03	7.45	-24.35	-18.84	1.94	12.03	0.38	-4.24	-1.61	-2.25	2.28
		681	42.55	2.51	-20.13	-17.79	0.17	6.90	1.92	-2.89	-0.69	-0.28	2.40
		680	41.25	1.42	-23.62	-22.28	0.07	5.65	1.70	-2.48	-0.79	0.02	2.05
590	3	661	8.09	0.72	-2.91	-2.34	0.15	1.32	-0.50	-1.35	-0.54	-1.31	0.19
		662	7.48	1.10	-2.50	-1.62	0.22	1.55	-0.41	-1.20	-0.46	-1.15	0.19
		681	6.45	0.26	-2.62	-2.39	0.04	0.78	-0.26	-1.00	-0.37	-0.90	0.26
		680	6.57	0.14	-3.21	-3.07	-3.03e-03	0.67	-0.31	-1.01	-0.40	-0.93	0.23
590	4	661	18.88	2.00	-10.50	-9.21	0.71	3.81	-0.22	-1.75	-0.82	-1.15	0.75
		662	19.45	2.91	-9.50	-7.37	0.78	4.68	0.11	-1.60	-0.62	-0.88	0.84
		681	16.23	0.95	-7.98	-7.11	0.08	2.64	0.67	-1.12	-0.29	-0.16	0.90
		680	15.85	0.52	-9.40	-8.91	0.03	2.15	0.58	-0.98	-0.33	-0.07	0.77
591	1	662	17.15	1.82	-1.18	0.58	0.05	1.48	-1.06	-3.17	-1.06	-3.17	0.08
		663	14.85	2.63	-0.80	1.55	0.27	1.59	-0.87	-2.72	-0.87	-2.72	5.38e-03
		682	13.95	0.42	-1.35	-1.05	0.13	0.66	-0.85	-2.60	-0.89	-2.56	0.26
		681	15.05	0.20	-2.04	-1.86	0.02	0.61	-0.93	-2.79	-0.97	-2.75	0.25
591	2	662	51.15	7.47	-24.31	-18.78	1.95	12.04	0.38	-4.25	-1.62	-2.25	2.30
		663	53.03	10.69	-21.71	-13.10	2.09	14.31	1.29	-3.64	-0.96	-1.39	2.46
		682	43.76	4.28	-16.43	-12.41	0.26	8.19	2.04	-3.18	-0.56	-0.58	2.61
		681	42.30	2.50	-20.16	-17.82	0.16	6.90	1.89	-2.86	-0.69	-0.28	2.37
591	3	662	7.50	1.11	-2.49	-1.61	0.22	1.55	-0.41	-1.20	-0.46	-1.15	0.19
		663	6.83	1.68	-2.12	-0.78	0.33	1.82	-0.29	-0.99	-0.35	-0.94	0.18
		682	6.30	0.50	-2.00	-1.59	0.09	0.93	-0.20	-0.96	-0.32	-0.84	0.28
		681	6.43	0.26	-2.62	-2.39	0.04	0.78	-0.26	-1.00	-0.37	-0.90	0.26
591	4	662	19.49	2.92	-9.48	-7.35	0.79	4.68	0.11	-1.61	-0.62	-0.88	0.85
		663	20.19	4.21	-8.46	-5.12	0.87	5.59	0.45	-1.37	-0.37	-0.55	0.91
		682	16.62	1.64	-6.47	-4.95	0.13	3.16	0.73	-1.22	-0.23	-0.26	0.97
		681	16.14	0.94	-7.99	-7.12	0.08	2.64	0.66	-1.11	-0.28	-0.16	0.89
592	1	663	14.86	2.64	-0.80	1.57	0.27	1.59	-0.88	-2.73	-0.88	-2.73	0.01
		664	12.42	3.65	-0.51	2.57	0.56	1.82	-0.64	-2.17	-0.64	-2.17	-0.08
		683	12.44	0.92	-0.80	-0.16	0.28	0.83	-0.74	-2.33	-0.78	-2.29	0.23
		682	13.96	0.42	-1.35	-1.06	0.13	0.65	-0.85	-2.60	-0.88	-2.56	0.25
592	2	663	53.25	10.73	-21.67	-13.03	2.09	14.33	1.30	-3.67	-0.99	-1.39	2.48
		664	55.38	15.15	-19.22	-6.30	2.23	16.65	2.23	-2.79	-0.18	-0.38	2.51
		683	45.01	7.17	-12.92	-6.10	0.35	9.51	2.06	-3.34	-0.38	-0.89	2.69
		682	43.45	4.26	-16.46	-12.45	0.26	8.18	2.02	-3.15	-0.55	-0.58	2.58
592	3	663	6.86	1.68	-2.12	-0.77	0.33	1.82	-0.30	-1.00	-0.35	-0.94	0.18
		664	6.28	2.47	-1.83	0.17	0.47	2.14	-0.16	-0.74	-0.21	-0.69	0.16
		683	6.18	0.97	-1.47	-0.66	0.16	1.15	-0.15	-0.89	-0.27	-0.77	0.27
		682	6.28	0.50	-2.00	-1.59	0.09	0.93	-0.20	-0.96	-0.32	-0.84	0.27
592	4	663	20.27	4.23	-8.45	-5.09	0.87	5.60	0.46	-1.38	-0.38	-0.55	0.91
		664	21.14	6.02	-7.51	-2.46	0.97	6.54	0.81	-1.04	-0.07	-0.16	0.93
		683	17.09	2.82	-5.06	-2.42	0.18	3.72	0.76	-1.26	-0.15	-0.35	1.00
		682	16.51	1.64	-6.48	-4.97	0.13	3.16	0.72	-1.20	-0.22	-0.26	0.96
593	1	664	12.41	3.67	-0.52	2.59	0.56	1.83	-0.66	-2.18	-0.67	-2.17	-0.07
		665	10.47	4.84	-0.31	3.61	0.92	2.19	-0.32	-1.54	-0.35	-1.51	-0.20
		684	10.72	1.82	-0.53	0.82	0.47	1.16	-0.62	-1.96	-0.65	-1.93	0.19
		683	12.46	0.91	-0.80	-0.17	0.28	0.82	-0.73	-2.32	-0.76	-2.29	0.23
593	2	664	55.75	15.22	-19.22	-6.21	2.22	16.70	2.21	-2.86	-0.25	-0.40	2.53
		665	58.20	21.03	-17.04	1.65	2.34	19.03	3.14	-1.65	0.76	0.73	2.39
		684	46.21	11.64	-10.05	1.13	0.45	10.84	1.95	-3.33	-0.18	-1.20	2.59
		683	44.69	7.14	-12.94	-6.15	0.35	9.50	2.06	-3.29	-0.34	-0.88	2.66
593	3	664	6.33	2.49	-1.83	0.18	0.47	2.15	-0.17	-0.74	-0.22	-0.69	0.16
		665	6.09	3.49	-1.62	1.21	0.65	2.54	-0.01	-0.44	-0.05	-0.40	0.12
		684	6.13	1.76	-1.12	0.38	0.26	1.44	-0.09	-0.78	-0.20	-0.67	0.25
		683	6.15	0.96	-1.47	-0.67	0.16	1.14	-0.14	-0.88	-0.26	-0.77	0.27
593	4	664	21.29	6.04	-7.51	-2.43	0.96	6.56	0.80	-1.07	-0.10	-0.17	0.93
		665	22.36	8.39	-6.68	0.63	1.07	7.53	1.15	-0.61	0.28	0.26	0.88
		684	17.65	4.67	-3.94	0.48	0.25	4.31	0.73	-1.24	-0.07	-0.45	0.96
		683	16.98	2.81	-5.07	-2.44	0.18	3.71	0.76	-1.24	-0.13	-0.35	0.99
594	1	665	10.48	4.88	-0.34	3.63	0.91	2.23	-0.40	-1.55	-0.43	-1.52	-0.18
		666	10.01	6.17	-0.22	4.69	1.26	2.69	0.14	-0.93	7.63e-03	-0.80	-0.36
		685	8.42	3.02	-0.46	1.84	0.72	1.65	-0.51	-1.47	-0.52	-1.46	0.09
		684	10.77	1.82	-0.53	0.82	0.47	1.16	-0.57	-1.96	-0.60	-1.93	0.18
594	2	665	58.80	21.18	-17.10	1.75	2.33	19.14	3.05	-1.83	0.53	0.69	2.44
		666	61.57	28.38	-15.14	10.93	2.32	21.33	3.93	-0.21	1.90	1.82	2.07
		685	46.54	17.72	-7.84	9.18	0.70	12.06	1.59	-3.10	-0.05	-1.46	2.24
		684	46.15	11.61	-10.08	1.10	0.43	10.84	2.03	-3.26	-0.05	-1.18	2.58
594	3	665	6.16	3.52	-1.64	1.23	0.65	2.56	-0.05	-0.45	-0.09	-0.41	0.12
		666	6.46	4.68	-1.48	2.36	0.85	2.99	0.16	-0.11	0.16	-0.10	0.04
		685	6.03	2.86	-0.93	1.52	0.41	1.81	-0.06	-0.61	-0.15	-0.53	0.20
		684	6.15	1.76	-1.11	0.38	0.26	1.44	-0.07	-0.77	-0.18	-0.67	0.25
594	4	665	22.59	8.44	-6.71	0.67	1.07	7.57	1.12	-0.68	0.20	0.25	0.90
		666	23.83	11.33	-5.96	4.21	1.16	8.51	1.46	-0.07	0.72	0.67	0.76
		685	18.00	7.21	-3.11	3.70	0.41	4.89	0.60	-1.14	-9.43e-03	-0.53	0.83
		684	17.64	4.66	-3.95	0.47	0.25	4.30	0.76	-1.22	-0.01	-0.45	0.96
595	1	666	10.35	6.30	-0.26	4.74	1.30	2.79	-0.09	-0.98	-0.24	-0.83	-0.33
		667	11.72	7.40	-0.22	5.85	1.32	3.06	0.82	-0.50	0.46	-0.14	-0.59



		686	6.73	4.25	-0.37	2.72	1.17	2.18	-0.30	-0.71	-0.31	-0.70	-0.07
		685	8.74	3.01	-0.50	1.85	0.66	1.65	-0.39	-1.47	-0.40	-1.46	0.09
595	2	666	62.08	28.91	-15.25	11.18	2.48	21.65	3.65	-0.69	1.22	1.74	2.15
		667	64.36	36.64	-13.10	22.21	1.34	22.58	4.12	1.24	3.20	2.16	1.34
		686	42.27	24.35	-5.23	17.21	1.92	12.66	1.07	-2.07	0.04	-1.05	1.47
		685	47.51	17.70	-8.04	9.18	0.48	12.11	1.82	-3.04	0.27	-1.49	2.26
595	3	666	6.38	4.78	-1.52	2.40	0.86	3.06	0.04	-0.14	0.02	-0.12	0.06
		667	7.26	5.86	-1.30	3.64	0.91	3.31	0.43	0.10	0.40	0.13	-0.08
		686	5.45	4.07	-0.71	2.60	0.76	2.21	-0.03	-0.29	-0.07	-0.25	0.09
		685	6.26	2.85	-0.95	1.53	0.37	1.81	-9.17e-03	-0.61	-0.09	-0.54	0.20
595	4	666	24.04	11.54	-6.02	4.31	1.21	8.64	1.35	-0.25	0.46	0.64	0.79
		667	24.97	14.55	-5.14	8.49	0.92	9.09	1.54	0.48	1.21	0.81	0.49
		686	16.78	10.01	-2.14	6.89	0.98	5.31	0.42	-0.74	0.03	-0.35	0.55
		685	18.40	7.20	-3.18	3.71	0.32	4.91	0.69	-1.12	0.11	-0.54	0.84
596	1	667	13.40	8.39	-0.09	6.81	1.49	3.30	0.43	-0.76	-0.07	-0.27	-0.59
		95	12.11	6.98	-0.15	6.49	0.34	1.81	1.43	0.26	1.14	0.55	-0.51
		133	7.83	4.93	-0.49	2.74	1.70	2.66	0.89	0.01	0.80	0.10	-0.26
		686	6.56	3.93	-0.58	2.26	1.09	2.18	-0.04	-0.62	-0.07	-0.58	-0.14
596	2	667	63.02	40.04	-13.19	24.83	2.02	24.05	2.58	-0.12	1.35	1.11	1.35
		95	75.13	43.59	-8.93	38.71	-4.04	15.25	5.27	1.33	5.17	1.42	0.62
		133	46.61	25.65	-2.02	18.59	5.04	12.06	4.08	0.99	3.95	1.12	0.61
		686	38.01	23.43	-5.08	16.37	1.98	12.31	1.06	-1.38	0.19	-0.51	1.17
596	3	667	7.62	6.45	-1.28	4.15	1.02	3.53	0.14	-0.04	0.10	4.22e-03	-0.08
		95	9.41	6.14	-0.73	5.15	0.26	2.41	0.80	0.33	0.77	0.35	-0.10
		133	6.68	4.60	-0.50	2.77	1.33	2.44	0.55	0.06	0.55	0.06	-0.03
		686	4.98	3.88	-0.76	2.38	0.75	2.17	0.05	-0.16	0.04	-0.15	0.04
596	4	667	24.62	15.87	-5.20	9.49	1.17	9.68	0.96	-0.03	0.52	0.41	0.50
		95	28.70	16.97	-3.31	14.70	-1.04	6.40	2.01	0.57	1.97	0.61	0.24
		133	18.56	10.72	-0.94	7.47	2.32	5.23	1.53	0.32	1.48	0.37	0.23
		686	15.18	9.66	-2.08	6.56	1.02	5.18	0.44	-0.45	0.12	-0.13	0.42
597	1	41	7.84	2.66	-1.92	-0.87	1.60	-1.93	1.27	0.71	1.26	0.72	-0.08
		668	5.11	1.68	-1.31	-0.78	1.15	-1.14	-0.23	-0.64	-0.46	-0.41	-0.20
		687	7.03	0.15	-2.01	-1.97	0.10	0.30	0.09	-1.04	-0.43	-0.52	-0.56
		2	5.50	1.70	-0.86	0.64	0.20	-1.26	0.37	-0.32	0.30	-0.24	-0.22
597	2	41	53.56	9.26	-9.64	-2.97	2.60	-9.03	6.38	-0.60	3.87	1.92	-3.35
		668	53.36	7.51	-11.19	-5.04	1.36	-8.79	2.48	-4.61	-1.48	-0.65	-3.52
		687	39.93	0.27	-8.60	-8.05	-0.28	-2.14	5.41	-0.66	0.58	4.17	-2.45
		2	25.94	6.37	-5.58	0.88	-0.10	-5.96	1.81	-1.27	0.99	-0.45	-1.36
597	3	41	6.59	1.97	-1.69	-0.64	0.92	-1.66	0.86	0.27	0.71	0.42	-0.26
		668	5.83	1.37	-1.54	-0.77	0.60	-1.28	0.11	-0.51	-0.25	-0.15	-0.31
		687	4.82	0.02	-1.54	-1.54	0.01	-0.11	0.34	-0.43	-0.15	0.06	-0.37
		2	4.12	1.32	-0.79	0.41	0.13	-1.04	0.27	-0.21	0.20	-0.14	-0.17
597	4	41	20.50	3.94	-3.99	-1.26	1.22	-3.76	2.41	-0.15	1.49	0.77	-1.23
		668	20.21	3.11	-4.48	-2.03	0.66	-3.55	0.92	-1.69	-0.55	-0.22	-1.29
		687	14.95	0.10	-3.54	-3.34	-0.10	-0.83	1.93	-0.33	0.15	1.45	-0.93
		2	10.18	2.70	-2.18	0.48	0.04	-2.43	0.69	-0.49	0.40	-0.20	-0.51
598	1	668	4.82	1.48	-1.53	-1.11	1.06	-1.05	-0.05	-0.59	-0.21	-0.43	-0.24
		669	6.59	0.65	-2.02	-2.00	0.64	-0.17	-0.33	-1.04	-0.39	-0.97	-0.21
		688	6.17	0.28	-3.34	-3.11	0.06	0.88	0.07	-0.64	-0.22	-0.35	-0.35
		687	5.64	0.13	-1.74	-1.70	0.09	0.25	0.23	-0.64	-0.05	-0.36	-0.41
598	2	668	51.53	6.69	-11.82	-6.29	1.16	-8.47	3.00	-3.96	-0.48	-0.47	-3.48
		669	46.26	3.59	-14.61	-11.36	0.33	-6.97	2.66	-3.59	-0.40	-0.53	-3.12
		688	52.42	-0.53	-13.67	-13.51	-0.69	-1.43	8.54	1.59	2.14	7.99	-1.88
		687	35.50	0.44	-7.98	-7.19	-0.35	-2.46	5.54	0.68	1.71	4.50	-1.99
598	3	668	5.73	1.21	-1.67	-1.00	0.54	-1.22	0.20	-0.46	-0.10	-0.15	-0.33
		669	4.88	0.51	-2.04	-1.81	0.29	-0.72	0.06	-0.55	-0.15	-0.34	-0.29
		688	4.51	-0.01	-2.52	-2.51	-0.03	0.19	0.52	-0.09	0.05	0.38	-0.25
		687	3.45	0.01	-1.37	-1.35	-1.11e-03	-0.14	0.41	-0.15	0.10	0.15	-0.28
598	4	668	19.62	2.77	-4.74	-2.54	0.57	-3.42	1.12	-1.46	-0.18	-0.17	-1.29
		669	17.47	1.44	-5.83	-4.58	0.19	-2.74	0.97	-1.33	-0.15	-0.21	-1.15
		688	19.28	-0.21	-5.64	-5.59	-0.25	-0.49	3.07	0.53	0.74	2.85	-0.71
		687	13.06	0.15	-3.26	-2.98	-0.13	-0.94	2.00	0.21	0.62	1.59	-0.75
599	1	669	6.51	0.63	-2.08	-2.06	0.61	-0.22	-0.31	-1.03	-0.39	-0.95	-0.22
		670	8.64	0.39	-3.04	-3.00	0.35	0.36	-0.45	-1.35	-0.49	-1.31	-0.20
		689	6.84	0.35	-4.46	-4.12	1.67e-03	1.24	0.04	-0.57	-0.18	-0.34	-0.29
		688	6.36	0.29	-3.33	-3.08	0.04	0.91	0.12	-0.59	-0.13	-0.34	-0.34
599	2	669	47.29	3.54	-15.03	-11.67	0.18	-7.15	2.83	-3.54	-0.37	-0.34	-3.18
		670	44.61	1.75	-19.00	-17.14	-0.11	-5.92	2.82	-2.93	-0.33	0.22	-2.86
		689	64.99	-0.83	-18.54	-18.49	-0.88	-0.96	10.76	2.50	2.92	10.34	-1.81
		688	51.03	-0.53	-13.47	-13.33	-0.67	-1.34	8.48	1.85	2.42	7.91	-1.86
599	3	669	5.05	0.51	-2.09	-1.85	0.27	-0.76	0.07	-0.55	-0.15	-0.32	-0.30
		670	4.84	0.19	-2.76	-2.70	0.13	-0.42	-5.74e-03	-0.58	-0.19	-0.40	-0.27
		689	5.38	-0.02	-3.42	-3.38	-0.07	0.38	4.96e-03	0.64	0.11	0.53	-0.23
		688	4.19	-0.02	-2.50	-2.48	-0.04	0.22	0.53	-0.04	0.11	0.38	-0.25
599	4	669	17.90	1.43	-5.99	-4.70	0.14	-2.81	1.03	-1.32	-0.15	-0.14	-1.18
		670	16.88	0.68	-7.58	-6.89	-4.50e-03	-2.28	1.02	-1.11	-0.14	0.05	-1.06
		689	23.87	-0.32	-7.64	-7.63	-0.33	-0.28	3.86	0.86	1.03	3.70	-0.68



600	1	688	18.71	-0.21	-5.56	-5.52	-0.25	-0.45	3.05	0.64	0.86	2.83	-0.70
		670	8.59	0.39	-3.04	-3.01	0.36	0.35	-0.45	-1.34	-0.49	-1.30	-0.20
		671	10.28	0.34	-3.88	-3.74	0.20	0.75	-0.58	-1.62	-0.61	-1.60	-0.17
		690	7.35	0.37	-5.26	-4.89	-1.06e-03	1.40	-9.30e-03	-0.57	-0.20	-0.38	-0.26
600	2	689	6.96	0.35	-4.46	-4.11	-2.40e-03	1.25	0.06	-0.57	-0.16	-0.34	-0.30
		670	44.64	1.74	-19.06	-17.20	-0.12	-5.94	2.83	-2.91	-0.33	0.25	-2.86
		671	43.20	0.79	-22.87	-21.87	-0.21	-4.75	2.70	-2.40	-0.41	0.71	-2.48
		690	75.23	-0.91	-22.71	-22.69	-0.93	-0.69	12.41	3.06	3.39	12.09	-1.70
600	3	689	64.72	-0.81	-18.50	-18.45	-0.86	-0.96	10.75	2.55	2.97	10.32	-1.81
		670	4.86	0.20	-2.77	-2.71	0.13	-0.42	-7.55e-03	-0.58	-0.19	-0.40	-0.27
		671	4.99	0.07	-3.42	-3.41	0.06	-0.17	-0.10	-0.61	-0.24	-0.47	-0.23
		690	6.20	-0.02	-4.12	-4.07	-0.07	0.45	0.70	0.05	0.13	0.62	-0.22
600	4	689	5.30	-0.03	-3.42	-3.37	-0.07	0.38	0.64	0.02	0.13	0.53	-0.24
		670	16.91	0.68	-7.60	-6.91	-6.50e-03	-2.28	1.02	-1.10	-0.14	0.06	-1.06
		671	16.45	0.29	-9.14	-8.78	-0.06	-1.79	0.96	-0.92	-0.18	0.21	-0.92
		690	27.61	-0.34	-9.35	-9.34	-0.35	-0.16	4.44	1.06	1.19	4.32	-0.64
601	1	689	23.76	-0.31	-7.63	-7.62	-0.33	-0.27	3.86	0.89	1.05	3.69	-0.69
		671	10.27	0.34	-3.88	-3.74	0.20	0.75	-0.58	-1.62	-0.61	-1.60	-0.16
		672	11.72	0.32	-4.47	-4.25	0.10	1.00	-0.70	-1.89	-0.72	-1.88	-0.12
		691	7.61	0.36	-5.81	-5.45	3.99e-03	1.44	-0.08	-0.58	-0.23	-0.44	-0.22
601	2	690	7.40	0.37	-5.26	-4.89	-5.14e-03	1.40	-6.29e-04	-0.57	-0.19	-0.38	-0.27
		671	42.94	0.79	-22.87	-21.88	-0.20	-4.75	2.67	-2.36	-0.40	0.71	-2.46
		672	41.92	0.26	-26.08	-25.59	-0.23	-3.58	2.41	-1.91	-0.50	1.00	-2.03
		691	82.50	-0.95	-26.08	-26.08	-0.96	-0.42	13.52	3.45	3.67	13.29	-1.50
601	3	690	75.17	-0.91	-22.70	-22.68	-0.94	-0.70	12.41	3.07	3.40	12.08	-1.71
		671	4.97	0.07	-3.42	-3.41	0.06	-0.17	-0.10	-0.61	-0.24	-0.47	-0.23
		672	5.26	0.02	-3.94	-3.94	0.02	0.02	-0.19	-0.64	-0.29	-0.55	-0.18
		691	6.78	-0.02	-4.65	-4.60	-0.07	0.48	0.72	0.07	0.13	0.66	-0.19
601	4	690	6.18	-0.02	-4.12	-4.07	-0.07	0.45	0.71	0.05	0.13	0.62	-0.22
		671	16.36	0.30	-9.14	-8.78	-0.06	-1.80	0.95	-0.91	-0.18	0.21	-0.91
		672	16.09	0.09	-10.43	-10.26	-0.08	-1.33	0.83	-0.75	-0.22	0.30	-0.75
		691	30.25	-0.35	-10.71	-10.71	-0.35	-0.07	4.82	1.20	1.29	4.73	-0.57
602	1	690	27.59	-0.35	-9.34	-9.34	-0.35	-0.17	4.44	1.07	1.20	4.31	-0.65
		672	11.71	0.32	-4.47	-4.25	0.10	1.00	-0.70	-1.89	-0.72	-1.88	-0.12
		673	12.96	0.29	-4.82	-4.55	0.02	1.14	-0.81	-2.14	-0.81	-2.14	-0.07
		692	7.71	0.33	-6.14	-5.82	0.01	1.39	-0.17	-0.61	-0.26	-0.52	-0.18
602	2	691	7.63	0.36	-5.80	-5.45	1.78e-03	1.43	-0.08	-0.58	-0.22	-0.44	-0.23
		672	41.68	0.26	-26.08	-25.59	-0.23	-3.57	2.38	-1.88	-0.49	1.00	-1.99
		673	40.85	-0.04	-28.55	-28.34	-0.24	-2.41	2.02	-1.47	-0.59	1.14	-1.52
		692	87.08	-0.96	-28.64	-28.64	-0.96	-0.16	14.16	3.69	3.83	14.02	-1.21
602	3	691	82.47	-0.95	-26.09	-26.08	-0.96	-0.44	13.51	3.45	3.67	13.28	-1.50
		672	5.24	0.02	-3.94	-3.94	0.02	0.02	-0.19	-0.64	-0.29	-0.55	-0.18
		673	5.59	-5.67e-03	-4.31	-4.31	-0.01	0.17	-0.28	-0.68	-0.33	-0.63	-0.13
		692	7.12	-0.02	-5.03	-4.98	-0.07	0.47	0.71	0.09	0.13	0.67	-0.15
602	4	691	6.77	-0.02	-4.65	-4.60	-0.07	0.48	0.73	0.07	0.13	0.66	-0.19
		672	16.01	0.09	-10.43	-10.26	-0.08	-1.33	0.82	-0.74	-0.22	0.30	-0.74
		673	15.82	-0.02	-11.43	-11.36	-0.09	-0.88	0.67	-0.59	-0.26	0.34	-0.56
		692	31.89	-0.35	-11.74	-11.74	-0.35	0.01	5.03	1.28	1.34	4.98	-0.46
603	1	691	30.24	-0.35	-10.71	-10.71	-0.36	-0.08	4.82	1.20	1.29	4.73	-0.57
		673	12.96	0.29	-4.82	-4.55	0.02	1.14	-0.81	-2.14	-0.81	-2.14	-0.07
		674	14.02	0.26	-4.96	-4.66	-0.04	1.20	-0.89	-2.37	-0.89	-2.37	-0.02
		693	7.75	0.28	-6.30	-6.03	0.02	1.29	-0.26	-0.66	-0.30	-0.62	-0.12
603	2	692	7.72	0.33	-6.13	-5.82	0.01	1.39	-0.17	-0.61	-0.26	-0.52	-0.18
		673	40.68	-0.04	-28.55	-28.34	-0.24	-2.41	1.99	-1.44	-0.59	1.14	-1.48
		674	40.02	-0.19	-30.23	-30.17	-0.24	-1.26	1.59	-1.10	-0.68	1.17	-0.98
		693	89.36	-0.94	-30.35	-30.35	-0.94	0.10	14.43	3.82	3.89	14.36	-0.86
603	3	692	87.06	-0.96	-28.64	-28.64	-0.96	-0.18	14.16	3.69	3.83	14.02	-1.21
		673	5.58	-5.10e-03	-4.31	-4.31	-0.01	0.17	-0.28	-0.68	-0.33	-0.63	-0.13
		674	5.90	-0.02	-4.54	-4.53	-0.03	0.28	-0.35	-0.72	-0.36	-0.71	-0.07
		693	7.26	-0.02	-5.26	-5.22	-0.06	0.44	0.67	0.09	0.11	0.65	-0.10
603	4	692	7.12	-0.02	-5.02	-4.98	-0.07	0.47	0.71	0.09	0.13	0.67	-0.15
		673	15.76	-0.02	-11.43	-11.36	-0.09	-0.88	0.66	-0.59	-0.26	0.34	-0.55
		674	15.61	-0.08	-12.10	-12.08	-0.09	-0.45	0.50	-0.46	-0.30	0.34	-0.36
		693	32.69	-0.35	-12.42	-12.42	-0.35	0.09	5.11	1.32	1.35	5.08	-0.32
604	1	692	31.88	-0.35	-11.74	-11.74	-0.35	6.57e-03	5.03	1.28	1.34	4.98	-0.46
		674	14.02	0.26	-4.95	-4.66	-0.04	1.20	-0.89	-2.37	-0.89	-2.37	-0.01
		675	14.90	0.21	-4.91	-4.62	-0.08	1.19	-0.96	-2.57	-0.96	-2.57	0.04
		694	7.81	0.24	-6.31	-6.11	0.03	1.14	-0.33	-0.74	-0.33	-0.73	-0.06
604	2	693	7.76	0.28	-6.29	-6.03	0.02	1.29	-0.25	-0.66	-0.30	-0.62	-0.12
		674	39.91	-0.19	-30.23	-30.17	-0.24	-1.26	1.56	-1.08	-0.68	1.17	-0.94
		675	39.46	-0.22	-31.10	-31.10	-0.22	-0.13	1.19	-0.84	-0.75	1.10	-0.42
		694	89.68	-0.92	-31.22	-31.21	-0.92	0.34	14.39	3.84	3.86	14.37	-0.46
604	3	693	89.34	-0.94	-30.35	-30.35	-0.94	0.08	14.42	3.82	3.89	14.36	-0.86
		674	5.89	-0.02	-4.54	-4.53	-0.03	0.28	-0.35	-0.72	-0.36	-0.71	-0.07
		675	6.17	-0.02	-4.63	-4.60	-0.05	0.36	-0.39	-0.78	-0.39	-0.78	-0.02
		694	7.22	-0.03	-5.35	-5.32	-0.05	0.39	0.61	0.09	0.10	0.60	-0.05
		693	7.25	-0.02	-5.25	-5.22	-0.06	0.44	0.67	0.09	0.11	0.65	-0.11



604	4	674	15.57	-0.08	-12.10	-12.08	-0.09	-0.45	0.49	-0.45	-0.30	0.34	-0.35
		675	15.46	-0.09	-12.45	-12.45	-0.09	-0.02	0.34	-0.36	-0.33	0.31	-0.15
		694	32.78	-0.33	-12.76	-12.76	-0.34	0.16	5.08	1.33	1.34	5.08	-0.17
		693	32.68	-0.35	-12.42	-12.42	-0.35	0.08	5.11	1.32	1.35	5.08	-0.32
605	1	675	14.89	0.21	-4.91	-4.62	-0.08	1.19	-0.96	-2.57	-0.96	-2.57	0.04
		676	15.57	0.16	-4.71	-4.44	-0.11	1.12	-1.01	-2.74	-1.01	-2.73	0.09
		695	7.95	0.18	-6.21	-6.07	0.04	0.95	-0.37	-0.85	-0.37	-0.85	-3.43e-05
		694	7.82	0.23	-6.31	-6.11	0.03	1.13	-0.32	-0.74	-0.33	-0.73	-0.06
605	2	675	39.42	-0.22	-31.09	-31.09	-0.22	-0.12	1.18	-0.83	-0.75	1.10	-0.39
		676	39.20	-0.16	-31.15	-31.12	-0.19	1.00	0.97	-0.82	-0.81	0.96	0.14
		695	88.32	-0.88	-31.23	-31.22	-0.89	0.59	14.10	3.77	3.77	14.10	-0.04
		694	89.67	-0.92	-31.22	-31.21	-0.92	0.32	14.39	3.84	3.86	14.37	-0.46
605	3	675	6.17	-0.02	-4.63	-4.60	-0.05	0.36	-0.39	-0.78	-0.39	-0.78	-0.01
		676	6.40	-0.01	-4.59	-4.55	-0.05	0.43	-0.41	-0.85	-0.41	-0.84	0.04
		695	7.05	-0.03	-5.32	-5.30	-0.05	0.33	0.54	0.08	0.08	0.54	1.12e-03
		694	7.22	-0.03	-5.35	-5.32	-0.05	0.39	0.61	0.09	0.10	0.60	-0.05
605	4	675	15.45	-0.09	-12.45	-12.45	-0.09	-0.02	0.33	-0.36	-0.33	0.31	-0.14
		676	15.39	-0.07	-12.46	-12.45	-0.08	0.39	0.26	-0.36	-0.35	0.25	0.06
		695	32.25	-0.32	-12.76	-12.76	-0.32	0.22	4.97	1.30	1.30	4.97	-0.01
		694	32.77	-0.33	-12.76	-12.76	-0.34	0.15	5.08	1.33	1.34	5.07	-0.17
606	1	676	15.57	0.16	-4.71	-4.43	-0.11	1.12	-1.01	-2.74	-1.01	-2.73	0.09
		677	16.03	0.12	-4.37	-4.13	-0.12	1.01	-1.04	-2.86	-1.05	-2.85	0.14
		696	8.20	0.14	-6.02	-5.93	0.05	0.74	-0.41	-0.98	-0.41	-0.97	0.06
		695	7.96	0.18	-6.21	-6.07	0.04	0.94	-0.37	-0.85	-0.37	-0.85	-2.68e-03
606	2	676	39.22	-0.16	-31.15	-31.12	-0.19	1.01	0.98	-0.83	-0.81	0.96	0.17
		677	39.27	4.50e-03	-30.39	-30.24	-0.15	2.13	1.02	-1.10	-0.85	0.77	0.69
		696	85.47	-0.83	-30.41	-30.39	-0.85	0.84	13.59	3.60	3.62	13.58	0.38
		695	88.31	-0.88	-31.23	-31.22	-0.89	0.57	14.10	3.77	3.77	14.10	-0.04
606	3	676	6.41	-0.01	-4.59	-4.54	-0.05	0.43	-0.41	-0.85	-0.41	-0.84	0.05
		677	6.56	1.35e-03	-4.41	-4.36	-0.05	0.48	-0.40	-0.91	-0.42	-0.89	0.10
		696	6.74	-0.03	-5.18	-5.16	-0.04	0.26	0.47	0.05	0.05	0.47	0.05
		695	7.04	-0.03	-5.32	-5.30	-0.05	0.33	0.54	0.08	0.08	0.54	-7.68e-04
606	4	676	15.40	-0.06	-12.46	-12.45	-0.08	0.40	0.26	-0.36	-0.35	0.25	0.07
		677	15.39	-4.49e-03	-12.15	-12.10	-0.06	0.82	0.28	-0.47	-0.37	0.18	0.26
		696	31.18	-0.30	-12.42	-12.41	-0.31	0.29	4.78	1.24	1.25	4.78	0.15
		695	32.24	-0.32	-12.76	-12.76	-0.32	0.21	4.97	1.30	1.30	4.97	-0.01
607	1	677	16.03	0.12	-4.37	-4.13	-0.12	1.01	-1.03	-2.86	-1.05	-2.85	0.14
		678	16.24	0.09	-3.91	-3.71	-0.12	0.89	-1.04	-2.94	-1.06	-2.92	0.18
		697	8.57	0.10	-5.75	-5.71	0.06	0.51	-0.43	-1.12	-0.45	-1.10	0.12
		696	8.21	0.14	-6.02	-5.93	0.05	0.73	-0.41	-0.98	-0.41	-0.97	0.06
607	2	677	39.36	5.95e-03	-30.39	-30.24	-0.15	2.14	1.04	-1.12	-0.85	0.77	0.72
		678	39.69	0.29	-28.85	-28.48	-0.08	3.27	1.23	-1.55	-0.86	0.53	1.20
		697	81.28	-0.77	-28.75	-28.71	-0.81	1.11	12.91	3.35	3.42	12.84	0.78
		696	85.46	-0.83	-30.41	-30.39	-0.85	0.82	13.59	3.60	3.62	13.58	0.38
607	3	677	6.57	1.39e-03	-4.41	-4.36	-0.05	0.48	-0.40	-0.91	-0.42	-0.89	0.10
		678	6.65	0.03	-4.12	-4.05	-0.04	0.54	-0.38	-0.97	-0.43	-0.92	0.15
		697	6.33	-0.03	-4.92	-4.91	-0.04	0.19	0.41	1.58e-04	0.03	0.38	0.11
		696	6.74	-0.03	-5.18	-5.16	-0.04	0.26	0.47	0.05	0.05	0.47	0.05
607	4	677	15.42	-4.02e-03	-12.15	-12.10	-0.06	0.82	0.29	-0.48	-0.37	0.18	0.27
		678	15.48	0.10	-11.53	-11.39	-0.03	1.24	0.38	-0.64	-0.37	0.10	0.45
		697	29.63	-0.28	-11.74	-11.72	-0.30	0.37	4.54	1.15	1.18	4.51	0.30
		696	31.18	-0.30	-12.42	-12.41	-0.31	0.28	4.78	1.24	1.25	4.78	0.15
608	1	678	16.25	0.09	-3.91	-3.71	-0.12	0.88	-1.04	-2.94	-1.06	-2.92	0.19
		679	16.18	0.08	-3.36	-3.18	-0.10	0.76	-1.03	-2.96	-1.05	-2.93	0.22
		698	9.01	0.08	-5.41	-5.39	0.07	0.29	-0.44	-1.26	-0.48	-1.22	0.18
		697	8.57	0.10	-5.75	-5.71	0.06	0.51	-0.43	-1.12	-0.45	-1.10	0.12
608	2	678	39.84	0.29	-28.85	-28.48	-0.08	3.28	1.25	-1.58	-0.86	0.53	1.23
		679	40.42	0.74	-26.57	-25.83	-7.75e-03	4.44	1.48	-2.05	-0.84	0.27	1.67
		698	75.86	-0.69	-26.27	-26.19	-0.77	1.40	12.05	3.02	3.17	11.90	1.15
		697	81.27	-0.77	-28.75	-28.71	-0.81	1.09	12.90	3.35	3.41	12.84	0.78
608	3	678	6.66	0.03	-4.12	-4.05	-0.04	0.54	-0.38	-0.97	-0.43	-0.92	0.15
		679	6.66	0.07	-3.71	-3.62	-0.03	0.59	-0.35	-1.00	-0.42	-0.94	0.20
		698	5.83	-0.03	-4.54	-4.54	-0.03	0.13	0.36	-0.06	6.76e-03	0.29	0.15
		697	6.33	-0.03	-4.92	-4.91	-0.04	0.19	0.41	7.15e-04	0.03	0.38	0.10
608	4	678	15.53	0.10	-11.53	-11.39	-0.03	1.25	0.39	-0.65	-0.37	0.10	0.46
		679	15.66	0.27	-10.60	-10.33	-2.02e-03	1.69	0.48	-0.83	-0.35	0.01	0.63
		698	27.62	-0.26	-10.72	-10.70	-0.28	0.46	4.24	1.03	1.09	4.18	0.44
		697	29.62	-0.28	-11.74	-11.72	-0.30	0.36	4.54	1.15	1.17	4.51	0.30
609	1	679	16.19	0.08	-3.36	-3.18	-0.10	0.76	-1.03	-2.96	-1.05	-2.93	0.22
		680	15.82	0.11	-2.73	-2.57	-0.05	0.66	-0.99	-2.91	-1.02	-2.88	0.25
		699	9.45	0.08	-5.00	-5.00	0.08	0.10	-0.45	-1.39	-0.51	-1.33	0.23
		698	9.01	0.08	-5.41	-5.40	0.07	0.29	-0.45	-1.26	-0.49	-1.22	0.17
609	2	679	40.62	0.74	-26.57	-25.82	-7.36e-03	4.45	1.51	-2.08	-0.84	0.27	1.71
		680	41.42	1.43	-23.62	-22.28	0.08	5.65	1.72	-2.52	-0.78	-0.01	2.08
		699	69.28	-0.58	-22.98	-22.85	-0.72	1.73	11.03	2.62	2.88	10.77	1.47
		698	75.85	-0.69	-26.27	-26.19	-0.76	1.38	12.05	3.02	3.17	11.90	1.15
609	3	679	6.68	0.07	-3.71	-3.62	-0.03	0.59	-0.35	-1.01	-0.42	-0.94	0.20



		680	6.60	0.14	-3.21	-3.07	-2.83e-03	0.67	-0.31	-1.02	-0.40	-0.93	0.24
		699	5.26	-0.03	-4.05	-4.05	-0.03	0.08	0.31	-0.14	-0.02	0.19	0.20
		698	5.83	-0.03	-4.54	-4.54	-0.03	0.13	0.35	-0.06	5.95e-03	0.29	0.15
609	4	679	15.73	0.27	-10.60	-10.33	-2.00e-03	1.69	0.49	-0.84	-0.35	0.01	0.64
		680	15.92	0.53	-9.40	-8.91	0.04	2.15	0.59	-0.99	-0.33	-0.08	0.78
		699	25.20	-0.23	-9.37	-9.34	-0.27	0.57	3.88	0.88	0.99	3.77	0.56
		698	27.62	-0.26	-10.72	-10.70	-0.28	0.45	4.24	1.03	1.09	4.17	0.44
610	1	680	15.82	0.11	-2.73	-2.56	-0.05	0.66	-0.99	-2.91	-1.02	-2.88	0.25
		681	15.10	0.20	-2.04	-1.85	0.02	0.61	-0.93	-2.80	-0.97	-2.76	0.26
		700	9.82	0.08	-4.51	-4.51	0.08	-0.05	-0.46	-1.51	-0.54	-1.43	0.28
		699	9.45	0.08	-5.00	-5.00	0.08	0.09	-0.46	-1.39	-0.52	-1.34	0.23
610	2	680	41.66	1.43	-23.62	-22.27	0.08	5.65	1.75	-2.54	-0.78	-0.01	2.11
		681	42.59	2.51	-20.16	-17.82	0.17	6.89	1.92	-2.91	-0.69	-0.31	2.41
		700	61.66	-0.43	-18.93	-18.68	-0.67	2.10	9.86	2.15	2.56	9.46	1.71
		699	69.28	-0.58	-22.98	-22.85	-0.72	1.71	11.03	2.61	2.88	10.76	1.47
610	3	680	6.62	0.14	-3.21	-3.07	-3.35e-03	0.67	-0.31	-1.02	-0.40	-0.93	0.24
		681	6.48	0.26	-2.62	-2.39	0.04	0.78	-0.26	-1.01	-0.37	-0.90	0.26
		700	4.65	-0.03	-3.44	-3.44	-0.03	0.06	0.26	-0.21	-0.04	0.09	0.23
		699	5.26	-0.03	-4.05	-4.05	-0.03	0.08	0.30	-0.13	-0.02	0.19	0.19
610	4	680	16.00	0.53	-9.40	-8.90	0.04	2.15	0.60	-1.00	-0.33	-0.08	0.79
		681	16.25	0.94	-7.98	-7.12	0.08	2.64	0.67	-1.13	-0.28	-0.17	0.90
		700	22.39	-0.18	-7.70	-7.64	-0.25	0.70	3.48	0.71	0.88	3.31	0.66
		699	25.20	-0.23	-9.37	-9.34	-0.26	0.56	3.88	0.88	0.99	3.77	0.56
611	1	681	15.10	0.20	-2.03	-1.85	0.02	0.61	-0.93	-2.80	-0.97	-2.76	0.27
		682	13.99	0.42	-1.34	-1.05	0.13	0.65	-0.85	-2.61	-0.89	-2.57	0.26
		701	9.97	0.09	-3.90	-3.90	0.08	-0.12	-0.45	-1.58	-0.55	-1.49	0.31
		700	9.81	0.08	-4.51	-4.51	0.08	-0.05	-0.46	-1.51	-0.54	-1.43	0.27
611	2	681	42.87	2.51	-20.16	-17.82	0.17	6.90	1.95	-2.94	-0.68	-0.30	2.44
		682	43.85	4.28	-16.46	-12.45	0.27	8.18	2.04	-3.20	-0.55	-0.61	2.62
		701	53.11	-0.16	-14.18	-13.71	-0.62	2.52	8.53	1.65	2.19	7.98	1.86
		700	61.66	-0.42	-18.92	-18.68	-0.66	2.09	9.85	2.14	2.54	9.45	1.71
611	3	681	6.50	0.26	-2.62	-2.39	0.03	0.78	-0.26	-1.01	-0.37	-0.90	0.27
		682	6.33	0.50	-2.00	-1.59	0.09	0.93	-0.20	-0.97	-0.32	-0.85	0.28
		701	4.05	-0.02	-2.69	-2.69	-0.03	0.08	0.22	-0.29	-0.06	-0.01	0.25
		700	4.65	-0.02	-3.44	-3.44	-0.03	0.06	0.26	-0.21	-0.04	0.09	0.23
611	4	681	16.35	0.94	-7.98	-7.12	0.08	2.64	0.69	-1.14	-0.28	-0.17	0.91
		682	16.66	1.64	-6.48	-4.97	0.13	3.16	0.73	-1.22	-0.23	-0.27	0.98
		701	19.24	-0.10	-5.73	-5.60	-0.24	0.86	3.02	0.53	0.76	2.79	0.71
		700	22.39	-0.18	-7.70	-7.64	-0.25	0.69	3.47	0.71	0.87	3.31	0.65
612	1	682	13.99	0.41	-1.34	-1.05	0.12	0.65	-0.84	-2.61	-0.88	-2.57	0.26
		683	12.47	0.92	-0.80	-0.15	0.28	0.83	-0.74	-2.33	-0.77	-2.29	0.24
		702	9.78	0.09	-3.14	-3.14	0.08	-0.09	-0.43	-1.61	-0.54	-1.51	0.34
		701	9.96	0.09	-3.90	-3.90	0.09	-0.12	-0.46	-1.59	-0.55	-1.49	0.31
612	2	682	44.14	4.27	-16.46	-12.45	0.26	8.18	2.08	-3.23	-0.54	-0.60	2.65
		683	45.13	7.16	-12.95	-6.16	0.37	9.51	2.07	-3.35	-0.38	-0.91	2.70
		702	43.92	0.47	-9.00	-7.95	-0.58	2.96	7.05	1.13	1.81	6.37	1.89
		701	53.14	-0.13	-14.18	-13.71	-0.60	2.52	8.51	1.63	2.17	7.97	1.85
612	3	682	6.35	0.50	-2.00	-1.59	0.09	0.93	-0.20	-0.97	-0.32	-0.85	0.28
		683	6.21	0.97	-1.47	-0.66	0.16	1.15	-0.14	-0.89	-0.27	-0.77	0.28
		702	3.55	-0.01	-1.80	-1.79	-0.03	0.14	0.17	-0.35	-0.07	-0.11	0.26
		701	4.06	-0.02	-2.69	-2.69	-0.02	0.08	0.21	-0.29	-0.06	-0.02	0.25
612	4	682	16.76	1.64	-6.48	-4.97	0.13	3.16	0.75	-1.23	-0.22	-0.26	0.99
		683	17.14	2.82	-5.07	-2.44	0.19	3.72	0.76	-1.27	-0.15	-0.36	1.01
		702	15.88	0.11	-3.55	-3.22	-0.22	1.05	2.50	0.35	0.63	2.23	0.72
		701	19.26	-0.09	-5.73	-5.60	-0.22	0.86	3.01	0.52	0.74	2.79	0.71
613	1	683	12.50	0.91	-0.79	-0.15	0.27	0.82	-0.73	-2.33	-0.77	-2.29	0.24
		684	10.76	1.84	-0.53	0.83	0.47	1.17	-0.61	-1.96	-0.64	-1.93	0.19
		703	9.14	0.09	-2.18	-2.18	0.09	0.10	-0.39	-1.58	-0.51	-1.46	0.35
		702	9.76	0.10	-3.14	-3.14	0.10	-0.08	-0.45	-1.62	-0.56	-1.51	0.33
613	2	683	45.39	7.13	-12.94	-6.15	0.34	9.49	2.12	-3.37	-0.35	-0.90	2.73
		684	46.43	11.65	-10.08	1.06	0.50	10.86	1.98	-3.34	-0.17	-1.20	2.61
		703	34.80	2.49	-4.46	-1.44	-0.53	3.45	5.46	0.64	1.43	4.67	1.78
		702	44.01	0.54	-9.01	-7.95	-0.52	3.00	7.02	1.08	1.75	6.35	1.88
613	3	683	6.23	0.96	-1.47	-0.66	0.15	1.14	-0.14	-0.89	-0.26	-0.77	0.28
		684	6.18	1.77	-1.12	0.39	0.26	1.44	-0.09	-0.78	-0.20	-0.67	0.26
		703	3.35	0.07	-0.82	-0.72	-0.03	0.28	0.13	-0.39	-0.07	-0.19	0.25
		702	3.57	4.68e-04	-1.80	-1.79	-0.01	0.15	0.16	-0.35	-0.08	-0.11	0.26
613	4	683	17.23	2.80	-5.07	-2.44	0.18	3.71	0.78	-1.27	-0.14	-0.36	1.02
		684	17.75	4.68	-3.95	0.46	0.27	4.32	0.73	-1.25	-0.06	-0.45	0.97
		703	12.62	0.93	-1.64	-0.51	-0.21	1.27	1.94	0.18	0.50	1.62	0.68
		702	15.92	0.14	-3.55	-3.22	-0.20	1.06	2.49	0.33	0.60	2.22	0.72
614	1	684	10.81	1.81	-0.53	0.83	0.45	1.16	-0.59	-1.96	-0.62	-1.94	0.19
		685	8.55	3.07	-0.50	1.85	0.72	1.69	-0.47	-1.46	-0.49	-1.44	0.12
		704	8.31	0.29	-1.18	-1.00	0.11	0.48	-0.30	-1.47	-0.44	-1.33	0.37
		703	9.08	0.13	-2.18	-2.17	0.12	0.14	-0.44	-1.59	-0.55	-1.47	0.34
614	2	684	46.50	11.55	-10.05	1.08	0.42	10.80	2.04	-3.33	-0.09	-1.20	2.62
		685	47.63	17.81	-7.96	9.04	0.81	12.21	1.73	-3.14	-0.01	-1.40	2.33



		704	27.96	7.78	-2.48	5.78	-0.49	4.06	3.85	0.21	1.11	2.94	1.57
		703	35.03	2.70	-4.52	-1.44	-0.38	3.57	5.40	0.51	1.26	4.64	1.77
614	3	684	6.19	1.75	-1.11	0.39	0.24	1.43	-0.07	-0.78	-0.18	-0.67	0.26
		685	6.25	2.90	-0.95	1.53	0.42	1.84	-0.04	-0.62	-0.14	-0.52	0.21
		704	3.82	0.85	-0.34	0.53	-0.02	0.53	0.10	-0.42	-0.06	-0.26	0.24
		703	3.39	0.12	-0.84	-0.72	7.40e-03	0.31	0.10	-0.41	-0.11	-0.20	0.25
614	4	684	17.76	4.64	-3.94	0.46	0.23	4.29	0.76	-1.24	-0.03	-0.45	0.98
		685	18.46	7.26	-3.16	3.66	0.45	4.96	0.65	-1.16	1.03e-03	-0.51	0.87
		704	10.47	3.27	-0.93	2.54	-0.20	1.59	1.37	0.04	0.40	1.01	0.60
		703	12.71	1.02	-1.67	-0.50	-0.14	1.33	1.91	0.12	0.43	1.61	0.67
615	1	685	8.45	3.03	-0.43	1.88	0.71	1.63	-0.45	-1.45	-0.46	-1.44	0.10
		686	6.05	4.37	-0.64	2.68	1.05	2.37	-0.23	-0.69	-0.23	-0.69	0.03
		705	8.50	1.42	-0.85	0.42	0.14	1.13	-0.06	-1.22	-0.23	-1.04	0.42
		704	8.61	0.47	-1.26	-1.01	0.22	0.61	-0.43	-1.53	-0.58	-1.38	0.38
615	2	685	47.13	17.66	-7.80	9.23	0.63	11.98	1.75	-3.07	0.13	-1.46	2.28
		686	47.79	24.67	-6.09	16.75	1.82	13.44	1.64	-2.39	0.20	-0.95	1.93
		705	29.00	15.48	-2.13	13.68	-0.33	5.33	2.35	-0.37	0.94	1.04	1.36
		704	28.37	8.13	-2.49	5.72	-0.07	4.45	3.69	-0.20	0.61	2.87	1.58
615	3	685	6.12	2.85	-0.91	1.55	0.39	1.79	-0.02	-0.60	-0.11	-0.52	0.20
		686	6.41	4.16	-0.89	2.58	0.70	2.34	0.05	-0.34	-0.04	-0.25	0.16
		705	5.33	2.39	-0.39	2.00	-1.73e-03	0.97	0.14	-0.43	0.02	-0.30	0.23
		704	3.91	0.96	-0.37	0.52	0.08	0.63	0.02	-0.48	-0.17	-0.29	0.24
615	4	685	18.22	7.18	-3.09	3.73	0.37	4.86	0.67	-1.12	0.07	-0.52	0.84
		686	18.97	10.17	-2.50	6.75	0.93	5.62	0.63	-0.88	0.09	-0.33	0.72
		705	11.78	6.65	-0.86	5.93	-0.14	2.21	0.85	-0.17	0.37	0.31	0.51
		704	10.58	3.42	-0.92	2.51	-0.01	1.77	1.29	-0.14	0.18	0.97	0.60
616	1	686	7.23	4.80	-0.50	3.10	1.20	2.47	-0.41	-0.64	-0.43	-0.62	-0.06
		133	9.69	4.36	-1.07	1.81	1.48	2.71	1.54	0.76	1.41	0.89	-0.30
		94	9.39	4.95	-0.98	3.28	0.69	2.67	0.44	-0.42	0.39	-0.36	0.21
		705	10.78	1.38	-1.16	0.06	0.17	1.27	-0.40	-1.70	-0.81	-1.29	0.61
616	2	686	47.17	26.40	-5.60	18.32	2.48	13.90	1.17	-2.73	-0.63	-0.93	1.94
		133	51.17	25.40	-3.97	17.34	4.08	13.11	5.41	2.97	5.27	3.11	0.56
		94	43.23	30.49	-0.52	26.79	3.18	10.05	1.11	-1.73	0.99	-1.61	0.57
		705	30.24	14.63	-2.84	12.28	-0.49	5.96	1.67	-2.14	-0.76	0.29	1.83
616	3	686	5.93	4.52	-0.77	2.91	0.84	2.44	-0.07	-0.32	-0.16	-0.23	0.12
		133	7.77	4.33	-0.95	2.19	1.19	2.59	0.93	0.62	0.92	0.64	-0.06
		94	8.50	5.67	-0.24	4.72	0.70	2.17	0.28	-0.34	0.25	-0.32	0.11
		705	6.01	2.24	-0.57	1.69	-0.02	1.11	-0.08	-0.76	-0.38	-0.47	0.34
616	4	686	18.66	10.91	-2.28	7.42	1.22	5.82	0.45	-0.99	-0.22	-0.32	0.71
		133	20.38	10.54	-1.79	6.79	1.96	5.67	2.11	1.25	2.06	1.29	0.19
		94	18.61	13.30	-0.16	11.69	1.44	4.36	0.47	-0.73	0.43	-0.69	0.22
		705	12.05	6.28	-1.18	5.32	-0.22	2.50	0.54	-0.91	-0.37	1.10e-04	0.70
617	1	2	6.60	2.20	-2.53	0.88	-1.22	2.12	0.04	-0.51	-0.15	-0.32	-0.26
		687	10.35	2.00	-3.81	-2.04	0.23	2.67	0.10	-0.90	-0.22	-0.59	-0.47
		706	9.52	3.44	-3.05	0.77	-0.38	3.19	0.50	-0.27	0.17	0.06	-0.38
		90	12.40	3.50	-3.55	0.28	-0.33	3.51	0.53	-0.69	-0.22	0.06	-0.59
617	2	2	13.39	3.38	-4.94	2.06	-3.61	3.04	0.04	-1.27	-0.62	-0.61	-0.66
		687	39.51	1.89	-10.91	-7.80	-1.22	5.49	5.54	0.45	1.52	4.47	-2.07
		706	20.03	3.15	-15.45	-8.79	-3.51	8.92	1.53	0.49	0.54	1.48	0.21
		90	27.84	7.88	-13.35	-4.66	-0.81	10.44	-0.39	-2.32	-2.22	-0.49	0.42
617	3	2	3.66	1.25	-1.58	0.55	-0.89	1.22	9.04e-03	-0.29	-0.08	-0.20	-0.14
		687	6.05	1.00	-2.54	-1.55	0.01	1.59	0.33	-0.28	-8.14e-03	0.06	-0.30
		706	5.14	1.72	-2.56	-0.43	-0.41	2.14	0.21	-0.05	0.07	0.09	-0.13
		90	6.27	2.16	-2.66	-0.28	-0.21	2.41	0.14	-0.30	-0.19	0.03	-0.19
617	4	2	5.66	1.60	-2.30	0.90	-1.60	1.49	3.15e-03	-0.51	-0.22	-0.28	-0.25
		687	14.97	0.97	-4.64	-3.26	-0.42	2.42	1.97	0.09	0.51	1.55	-0.78
		706	7.89	1.66	-6.25	-3.26	-1.34	3.84	0.52	0.18	0.18	0.51	0.05
		90	10.69	3.47	-5.57	-1.75	-0.35	4.46	-0.12	-0.80	-0.79	-0.14	0.11
618	1	687	9.07	1.82	-3.62	-1.74	-0.05	2.59	0.09	-0.74	-0.16	-0.49	-0.38
		688	9.49	1.81	-4.97	-3.14	-0.02	3.01	0.03	-0.66	-0.16	-0.47	-0.31
		707	8.97	3.76	-2.75	0.96	0.05	3.23	0.32	-0.33	6.49e-03	-0.02	-0.32
		706	9.69	3.44	-3.07	0.61	-0.25	3.23	0.48	-0.30	0.12	0.06	-0.39
618	2	687	35.96	1.25	-10.52	-7.35	-1.92	5.23	5.18	0.67	1.34	4.50	-1.61
		688	52.40	2.31	-17.07	-13.35	-1.40	7.63	8.36	1.89	2.37	7.88	-1.71
		707	27.27	4.15	-14.04	-8.69	-1.19	8.29	3.41	0.59	0.71	3.30	-0.56
		706	20.85	4.08	-15.58	-8.80	-2.71	9.35	1.67	0.11	0.11	1.67	-0.02
618	3	687	5.38	0.88	-2.44	-1.39	-0.17	1.54	0.31	-0.18	0.03	0.10	-0.24
		688	6.26	0.93	-3.54	-2.51	-0.10	1.88	0.47	-0.05	0.09	0.34	-0.23
		707	5.39	1.88	-2.26	-0.35	-0.03	2.06	0.27	-0.09	0.02	0.16	-0.17
		706	5.33	1.76	-2.55	-0.50	-0.29	2.15	0.22	-0.08	0.03	0.11	-0.15
618	4	687	13.65	0.71	-4.49	-3.05	-0.73	2.33	1.85	0.21	0.48	1.58	-0.61
		688	19.54	1.09	-7.13	-5.53	-0.51	3.25	3.00	0.65	0.84	2.81	-0.64
		707	10.73	2.03	-5.64	-3.21	-0.40	3.56	1.20	0.17	0.23	1.14	-0.24
		706	8.33	1.97	-6.28	-3.28	-1.02	3.97	0.58	0.03	0.03	0.58	-0.04
619	1	688	9.03	1.60	-4.79	-3.13	-0.06	2.80	0.06	-0.62	-0.14	-0.42	-0.31
		689	9.30	1.39	-5.68	-4.19	-0.10	2.89	0.04	-0.57	-0.14	-0.39	-0.28
		708	8.72	3.86	-2.26	1.52	0.08	2.97	0.19	-0.49	-0.07	-0.23	-0.33



		707	9.04	3.68	-2.67	0.98	0.03	3.14	0.31	-0.38	-9.12e-03	-0.06	-0.34
619	2	688	51.91	1.55	-16.73	-13.65	-1.52	6.84	8.42	1.92	2.39	7.95	-1.69
		689	62.41	1.55	-21.24	-18.62	-1.07	7.27	10.65	2.69	3.07	10.27	-1.70
		708	31.73	4.95	-9.77	-4.42	-0.40	7.08	4.55	0.88	1.15	4.28	-0.96
		707	26.92	4.47	-13.40	-7.88	-1.05	8.25	3.32	0.56	0.69	3.19	-0.59
619	3	688	6.06	0.78	-3.43	-2.53	-0.13	1.73	0.49	-0.03	0.10	0.36	-0.23
		689	6.62	0.66	-4.18	-3.41	-0.11	1.77	0.62	0.04	0.14	0.51	-0.22
		708	5.30	1.96	-1.70	0.21	0.04	1.83	0.28	-0.14	0.02	0.12	-0.20
		707	5.34	1.85	-2.15	-0.28	-0.03	1.99	0.26	-0.11	0.01	0.13	-0.18
619	4	688	19.33	0.77	-6.98	-5.64	-0.56	2.93	3.03	0.67	0.85	2.84	-0.64
		689	23.04	0.73	-8.81	-7.69	-0.39	3.07	3.83	0.94	1.09	3.67	-0.64
		708	12.05	2.31	-3.96	-1.55	-0.10	3.05	1.58	0.26	0.38	1.45	-0.39
		707	10.56	2.11	-5.36	-2.91	-0.35	3.51	1.16	0.16	0.22	1.09	-0.25
620	1	689	9.07	1.24	-5.54	-4.19	-0.12	2.71	0.05	-0.57	-0.13	-0.39	-0.28
		690	9.26	1.02	-6.17	-4.98	-0.17	2.67	4.74e-03	-0.58	-0.15	-0.43	-0.26
		709	8.19	3.94	-1.79	2.11	0.05	2.67	0.12	-0.55	-0.08	-0.35	-0.31
		708	8.61	3.78	-2.18	1.53	0.07	2.89	0.19	-0.49	-0.07	-0.23	-0.33
620	2	689	62.13	1.00	-20.93	-18.74	-1.19	6.57	10.68	2.69	3.08	10.28	-1.73
		690	71.21	0.58	-24.59	-22.89	-1.12	6.31	12.19	3.25	3.56	11.88	-1.64
		709	35.05	5.73	-6.18	-0.14	-0.31	5.95	5.39	1.20	1.53	5.06	-1.13
		708	31.37	5.09	-9.55	-4.10	-0.35	7.08	4.49	0.88	1.14	4.23	-0.94
620	3	689	6.48	0.55	-4.10	-3.42	-0.12	1.64	0.62	0.04	0.15	0.52	-0.23
		690	6.73	0.41	-4.66	-4.12	-0.14	1.57	0.68	0.08	0.17	0.59	-0.21
		709	4.98	2.04	-1.22	0.78	0.04	1.59	0.28	-0.13	0.04	0.11	-0.21
		708	5.18	1.91	-1.62	0.24	0.05	1.76	0.27	-0.14	0.02	0.11	-0.20
620	4	689	22.91	0.50	-8.67	-7.73	-0.44	2.79	3.84	0.95	1.10	3.68	-0.65
		690	26.04	0.31	-10.15	-9.43	-0.42	2.65	4.36	1.14	1.27	4.24	-0.62
		709	12.96	2.58	-2.54	0.11	-0.07	2.56	1.86	0.37	0.52	1.71	-0.45
		708	11.87	2.32	-3.83	-1.43	-0.08	3.00	1.56	0.26	0.38	1.44	-0.38
621	1	690	9.08	0.90	-6.05	-4.98	-0.17	2.51	0.01	-0.58	-0.14	-0.43	-0.26
		691	9.13	0.71	-6.47	-5.55	-0.22	2.41	-0.06	-0.62	-0.17	-0.51	-0.22
		710	7.47	4.04	-1.34	2.67	0.03	2.35	0.06	-0.57	-0.09	-0.43	-0.27
		709	8.01	3.87	-1.71	2.11	0.05	2.59	0.11	-0.55	-0.09	-0.35	-0.30
621	2	690	71.29	0.21	-24.32	-22.93	-1.17	5.66	12.20	3.24	3.56	11.88	-1.66
		691	78.15	-0.17	-27.36	-26.31	-1.22	5.24	13.16	3.64	3.88	12.92	-1.46
		710	37.20	6.72	-3.59	3.45	-0.32	4.80	5.99	1.54	1.85	5.68	-1.14
		709	34.86	5.81	-6.16	-0.07	-0.28	5.99	5.37	1.21	1.53	5.05	-1.11
621	3	690	6.61	0.33	-4.60	-4.12	-0.14	1.46	0.68	0.08	0.17	0.59	-0.21
		691	6.62	0.22	-5.03	-4.65	-0.16	1.35	0.68	0.11	0.18	0.61	-0.19
		710	4.50	2.12	-0.82	1.27	0.03	1.33	0.28	-0.11	0.06	0.11	-0.19
		709	4.85	1.98	-1.15	0.78	0.04	1.52	0.28	-0.13	0.04	0.11	-0.20
621	4	690	26.06	0.16	-10.04	-9.44	-0.44	2.39	4.37	1.14	1.27	4.24	-0.63
		691	28.54	-0.01	-11.25	-10.81	-0.46	2.19	4.69	1.28	1.37	4.59	-0.56
		710	13.45	2.92	-1.49	1.50	-0.07	2.06	2.06	0.49	0.63	1.92	-0.45
		709	12.84	2.57	-2.49	0.14	-0.05	2.53	1.86	0.37	0.52	1.71	-0.44
622	1	691	8.98	0.61	-6.37	-5.55	-0.22	2.26	-0.06	-0.62	-0.16	-0.51	-0.22
		692	8.95	0.45	-6.63	-5.93	-0.25	2.11	-0.13	-0.67	-0.19	-0.61	-0.17
		711	6.71	4.15	-0.95	3.18	0.02	2.00	4.76e-04	-0.58	-0.10	-0.48	-0.22
		710	7.30	3.97	-1.27	2.67	0.03	2.26	0.05	-0.57	-0.09	-0.42	-0.26
622	2	691	78.22	-0.42	-27.15	-26.33	-1.24	4.59	13.16	3.64	3.87	12.92	-1.49
		692	82.42	-0.68	-29.50	-28.89	-1.29	4.13	13.67	3.91	4.06	13.53	-1.19
		711	38.28	7.93	-1.91	6.36	-0.34	3.60	6.35	1.83	2.08	6.10	-1.03
		710	37.09	6.78	-3.62	3.47	-0.31	4.84	5.98	1.55	1.85	5.67	-1.12
622	3	691	6.52	0.16	-4.98	-4.66	-0.16	1.24	0.68	0.11	0.18	0.61	-0.19
		692	6.45	0.07	-5.28	-5.04	-0.18	1.12	0.65	0.13	0.17	0.60	-0.15
		711	3.92	2.21	-0.49	1.68	0.03	1.07	0.26	-0.07	0.07	0.12	-0.16
		710	4.37	2.06	-0.76	1.27	0.04	1.27	0.28	-0.10	0.06	0.12	-0.19
622	4	691	28.56	-0.12	-11.16	-10.81	-0.47	1.93	4.69	1.28	1.37	4.59	-0.56
		692	30.06	-0.23	-12.10	-11.84	-0.48	1.71	4.85	1.37	1.43	4.79	-0.45
		711	13.59	3.32	-0.78	2.63	-0.08	1.54	2.18	0.60	0.71	2.07	-0.40
		710	13.37	2.90	-1.46	1.51	-0.07	2.03	2.06	0.50	0.63	1.92	-0.44
623	1	692	8.82	0.36	-6.54	-5.92	-0.25	1.96	-0.13	-0.67	-0.19	-0.61	-0.18
		693	8.77	0.23	-6.65	-6.15	-0.27	1.79	-0.20	-0.74	-0.22	-0.71	-0.12
		712	6.01	4.27	-0.62	3.64	0.01	1.64	-0.05	-0.59	-0.11	-0.53	-0.17
		711	6.55	4.09	-0.88	3.19	0.02	1.92	-2.67e-03	-0.58	-0.10	-0.48	-0.22
623	2	692	82.49	-0.86	-29.34	-28.91	-1.29	3.48	13.68	3.90	4.05	13.52	-1.22
		693	84.47	-1.02	-30.92	-30.62	-1.32	2.98	13.85	4.05	4.13	13.77	-0.85
		712	38.47	9.21	-0.95	8.62	-0.36	2.38	6.50	2.06	2.22	6.34	-0.83
		711	38.19	7.98	-1.94	6.38	-0.34	3.65	6.34	1.84	2.07	6.10	-1.00
623	3	692	6.43	0.02	-5.24	-5.04	-0.18	1.01	0.65	0.13	0.18	0.60	-0.15
		693	6.54	-0.04	-5.42	-5.28	-0.19	0.87	0.59	0.14	0.17	0.57	-0.10
		712	3.32	2.30	-0.25	2.02	0.02	0.80	0.22	-0.03	0.07	0.11	-0.12
		711	3.80	2.16	-0.44	1.69	0.03	1.00	0.25	-0.07	0.07	0.12	-0.16
623	4	692	30.08	-0.30	-12.03	-11.85	-0.49	1.45	4.85	1.37	1.43	4.79	-0.46
		693	30.77	-0.38	-12.66	-12.53	-0.50	1.22	4.89	1.42	1.45	4.86	-0.32
		712	13.45	3.76	-0.35	3.50	-0.09	1.02	2.22	0.70	0.77	2.15	-0.32
		711	13.52	3.31	-0.76	2.63	-0.08	1.52	2.17	0.61	0.71	2.07	-0.39



624	1	693	8.66	0.15	-6.57	-6.14	-0.27	1.63	-0.19	-0.74	-0.22	-0.71	-0.12
		694	8.67	0.04	-6.56	-6.23	-0.29	1.43	-0.25	-0.83	-0.26	-0.82	-0.06
		713	5.96	4.40	-0.36	4.03	6.71e-03	1.27	-0.10	-0.61	-0.12	-0.58	-0.11
		712	5.87	4.22	-0.56	3.64	0.01	1.55	-0.05	-0.59	-0.11	-0.53	-0.17
624	2	693	84.52	-1.14	-30.81	-30.63	-1.33	2.33	13.85	4.05	4.13	13.77	-0.88
		694	84.64	-1.23	-31.61	-31.50	-1.34	1.83	13.75	4.09	4.11	13.73	-0.47
		713	38.03	10.34	-0.49	10.22	-0.37	1.14	6.49	2.21	2.29	6.42	-0.56
		712	38.39	9.24	-0.97	8.63	-0.36	2.43	6.49	2.07	2.22	6.34	-0.80
624	3	693	6.53	-0.08	-5.39	-5.28	-0.19	0.76	0.60	0.14	0.17	0.57	-0.11
		694	6.48	-0.12	-5.46	-5.39	-0.19	0.61	0.53	0.14	0.15	0.52	-0.05
		713	2.76	2.39	-0.09	2.28	0.02	0.52	0.16	3.42e-03	0.07	0.09	-0.08
		712	3.20	2.26	-0.21	2.02	0.03	0.73	0.21	-0.03	0.07	0.11	-0.12
624	4	693	30.79	-0.42	-12.61	-12.53	-0.50	0.96	4.89	1.42	1.45	4.86	-0.33
		694	30.79	-0.46	-12.92	-12.87	-0.50	0.73	4.84	1.44	1.45	4.83	-0.17
		713	13.15	4.16	-0.14	4.11	-0.09	0.48	2.20	0.76	0.79	2.17	-0.21
		712	13.39	3.75	-0.34	3.50	-0.08	0.99	2.21	0.70	0.76	2.15	-0.31
625	1	694	8.59	-0.03	-6.49	-6.23	-0.29	1.28	-0.25	-0.83	-0.26	-0.83	-0.07
		695	8.70	-0.12	-6.38	-6.19	-0.30	1.07	-0.29	-0.95	-0.29	-0.95	-1.45e-03
		714	6.42	4.52	-0.17	4.35	2.84e-03	0.89	-0.13	-0.64	-0.14	-0.64	-0.06
		713	5.94	4.35	-0.31	4.03	6.92e-03	1.18	-0.10	-0.61	-0.12	-0.58	-0.11
625	2	694	84.66	-1.29	-31.54	-31.50	-1.34	1.18	13.75	4.09	4.11	13.72	-0.50
		695	83.17	-1.32	-31.53	-31.51	-1.33	0.68	13.43	4.02	4.02	13.43	-0.06
		714	37.25	11.18	-0.37	11.18	-0.37	-0.09	6.35	2.27	2.29	6.33	-0.24
		713	37.99	10.36	-0.50	10.22	-0.37	1.19	6.48	2.22	2.29	6.41	-0.53
625	3	694	6.46	-0.15	-5.44	-5.39	-0.19	0.50	0.53	0.14	0.15	0.52	-0.06
		695	6.28	-0.17	-5.39	-5.37	-0.20	0.35	0.45	0.13	0.13	0.45	-1.03e-03
		714	2.67	2.47	-3.22e-03	2.45	0.02	0.24	0.10	0.04	0.07	0.07	-0.03
		713	2.67	2.37	-0.07	2.28	0.02	0.46	0.16	6.23e-03	0.07	0.09	-0.08
625	4	694	30.80	-0.49	-12.89	-12.88	-0.51	0.47	4.84	1.44	1.45	4.83	-0.19
		695	30.23	-0.50	-12.88	-12.87	-0.50	0.24	4.71	1.41	1.41	4.71	-0.02
		714	12.80	4.47	-0.09	4.47	-0.09	-0.05	2.14	0.78	0.79	2.13	-0.09
		713	13.11	4.16	-0.14	4.11	-0.09	0.46	2.20	0.76	0.79	2.17	-0.20
626	1	695	8.66	-0.16	-6.33	-6.19	-0.30	0.91	-0.29	-0.95	-0.29	-0.95	-5.95e-03
		696	8.89	-0.23	-6.14	-6.06	-0.31	0.69	-0.33	-1.07	-0.33	-1.07	0.06
		715	6.81	4.63	-0.05	4.58	1.13e-03	0.50	-0.16	-0.69	-0.16	-0.69	4.15e-03
		714	6.41	4.49	-0.14	4.35	2.95e-03	0.80	-0.13	-0.64	-0.14	-0.64	-0.05
626	2	695	83.16	-1.33	-31.51	-31.51	-1.33	0.03	13.43	4.02	4.02	13.43	-0.09
		696	80.25	-1.30	-30.68	-30.68	-1.31	-0.44	12.93	3.86	3.87	12.92	0.36
		715	36.35	11.67	-0.51	11.52	-0.37	-1.32	6.12	2.22	2.22	6.12	0.09
		714	37.23	11.18	-0.37	11.18	-0.37	-0.05	6.34	2.27	2.29	6.33	-0.22
626	3	695	6.26	-0.19	-5.38	-5.37	-0.20	0.24	0.45	0.13	0.13	0.45	-4.30e-03
		696	5.95	-0.20	-5.23	-5.23	-0.20	0.09	0.39	0.10	0.11	0.38	0.05
		715	2.78	2.53	0.02	2.53	0.02	-0.03	0.07	0.03	0.06	0.04	0.02
		714	2.67	2.46	7.98e-03	2.45	0.02	0.18	0.10	0.04	0.07	0.07	-0.03
626	4	695	30.22	-0.50	-12.87	-12.87	-0.50	-0.02	4.71	1.41	1.41	4.71	-0.03
		696	29.13	-0.49	-12.53	-12.53	-0.49	-0.25	4.53	1.35	1.35	4.53	0.14
		715	12.50	4.66	-0.16	4.59	-0.09	-0.57	2.05	0.76	0.76	2.05	0.04
		714	12.79	4.47	-0.09	4.47	-0.09	-0.07	2.14	0.78	0.79	2.13	-0.08
627	1	696	8.88	-0.26	-6.11	-6.06	-0.31	0.54	-0.33	-1.07	-0.33	-1.07	0.05
		697	9.22	-0.29	-5.85	-5.83	-0.30	0.31	-0.36	-1.21	-0.37	-1.19	0.12
		716	7.12	4.74	-1.49e-03	4.73	1.70e-03	0.12	-0.17	-0.75	-0.18	-0.75	0.06
		715	6.80	4.62	-0.04	4.58	1.15e-03	0.42	-0.16	-0.69	-0.16	-0.69	7.90e-03
627	2	696	80.21	-1.27	-30.72	-30.68	-1.31	-1.09	12.93	3.86	3.87	12.92	0.33
		697	76.01	-1.18	-29.08	-29.00	-1.26	-1.53	12.29	3.59	3.66	12.22	0.76
		716	35.45	11.79	-0.87	11.27	-0.36	-2.51	5.82	2.05	2.09	5.78	0.41
		715	36.36	11.65	-0.50	11.52	-0.37	-1.27	6.12	2.22	2.22	6.12	0.11
627	3	696	5.93	-0.20	-5.23	-5.23	-0.20	-0.02	0.39	0.10	0.11	0.38	0.05
		697	5.52	-0.19	-4.98	-4.98	-0.19	-0.17	0.34	0.04	0.08	0.30	0.10
		716	2.81	2.58	-0.01	2.54	0.02	-0.31	0.09	-0.05	0.04	-2.68e-03	0.07
		715	2.78	2.54	0.02	2.53	0.02	-0.10	0.07	0.02	0.06	0.04	0.02
627	4	696	29.11	-0.47	-12.55	-12.53	-0.49	-0.51	4.53	1.35	1.35	4.52	0.13
		697	27.56	-0.43	-11.88	-11.84	-0.48	-0.71	4.30	1.25	1.28	4.27	0.29
		716	12.31	4.72	-0.33	4.48	-0.08	-1.09	1.95	0.69	0.72	1.93	0.17
		715	12.51	4.67	-0.16	4.59	-0.09	-0.60	2.06	0.76	0.76	2.05	0.05
628	1	697	9.24	-0.30	-5.84	-5.83	-0.30	0.16	-0.36	-1.21	-0.37	-1.19	0.11
		698	9.67	-0.29	-5.52	-5.52	-0.29	-0.06	-0.38	-1.34	-0.41	-1.31	0.17
		717	7.35	4.83	-8.48e-03	4.81	4.72e-03	-0.25	-0.17	-0.82	-0.19	-0.79	0.12
		716	7.11	4.73	1.37e-03	4.73	1.65e-03	0.04	-0.17	-0.75	-0.18	-0.75	0.07
628	2	697	75.92	-1.09	-29.16	-28.99	-1.26	-2.17	12.28	3.60	3.66	12.22	0.73
		698	70.53	-0.94	-26.73	-26.47	-1.20	-2.56	11.51	3.24	3.40	11.35	1.12
		717	34.61	11.59	-1.46	10.46	-0.34	-3.66	5.46	1.77	1.91	5.32	0.71
		716	35.49	11.76	-0.86	11.26	-0.36	-2.46	5.83	2.04	2.09	5.78	0.44
628	3	697	5.49	-0.17	-4.99	-4.98	-0.19	-0.28	0.34	0.04	0.08	0.30	0.10
		698	4.98	-0.14	-4.64	-4.60	-0.18	-0.42	0.31	-0.03	0.06	0.21	0.15
		717	3.08	2.60	-0.10	2.47	0.02	-0.58	0.11	-0.13	0.03	-0.05	0.11
		716	2.80	2.59	-0.03	2.54	0.02	-0.37	0.09	-0.05	0.04	-2.84e-03	0.07
628	4	697	27.52	-0.39	-11.92	-11.84	-0.48	-0.97	4.30	1.25	1.28	4.27	0.28



		698	25.52	-0.32	-10.94	-10.81	-0.45	-1.16	4.03	1.12	1.18	3.97	0.43
		717	12.23	4.68	-0.61	4.15	-0.08	-1.59	1.84	0.58	0.65	1.77	0.29
		716	12.35	4.73	-0.34	4.48	-0.08	-1.11	1.96	0.69	0.72	1.93	0.18
629	1	698	9.71	-0.28	-5.53	-5.52	-0.29	-0.21	-0.38	-1.34	-0.41	-1.31	0.17
		699	10.14	-0.24	-5.15	-5.12	-0.27	-0.41	-0.40	-1.46	-0.44	-1.42	0.22
		718	7.49	4.91	-0.07	4.83	0.01	-0.62	-0.16	-0.89	-0.21	-0.84	0.18
		717	7.34	4.84	-0.02	4.81	4.58e-03	-0.34	-0.17	-0.82	-0.19	-0.80	0.13
629	2	698	70.40	-0.80	-26.87	-26.47	-1.20	-3.20	11.50	3.25	3.39	11.35	1.10
		699	63.87	-0.57	-23.67	-23.12	-1.12	-3.52	10.60	2.81	3.08	10.32	1.44
		718	33.78	11.12	-2.29	9.14	-0.31	-4.76	5.04	1.41	1.68	4.77	0.95
		717	34.68	11.55	-1.44	10.45	-0.34	-3.61	5.47	1.76	1.91	5.32	0.73
629	3	698	5.04	-0.12	-4.67	-4.60	-0.18	-0.53	0.30	-0.03	0.06	0.21	0.15
		699	5.02	-0.06	-4.22	-4.11	-0.17	-0.66	0.28	-0.12	0.03	0.13	0.19
		718	3.71	2.61	-0.24	2.33	0.03	-0.84	0.12	-0.21	4.49e-03	-0.09	0.16
		717	3.18	2.63	-0.13	2.47	0.02	-0.64	0.11	-0.13	0.03	-0.05	0.12
629	4	698	25.47	-0.26	-11.00	-10.81	-0.45	-1.42	4.03	1.12	1.18	3.97	0.42
		699	23.05	-0.15	-9.71	-9.44	-0.42	-1.58	3.72	0.96	1.07	3.61	0.55
		718	12.22	4.54	-0.99	3.61	-0.07	-2.07	1.70	0.43	0.56	1.57	0.38
		717	12.29	4.69	-0.62	4.14	-0.08	-1.61	1.84	0.58	0.65	1.77	0.30
630	1	699	10.21	-0.21	-5.18	-5.12	-0.27	-0.56	-0.40	-1.46	-0.44	-1.42	0.22
		700	10.56	-0.12	-4.74	-4.62	-0.24	-0.73	-0.41	-1.56	-0.47	-1.50	0.27
		719	7.51	4.98	-0.17	4.80	0.02	-0.96	-0.14	-0.94	-0.23	-0.86	0.24
		718	7.48	4.93	-0.09	4.83	1.00e-02	-0.70	-0.16	-0.89	-0.21	-0.84	0.19
630	2	699	63.69	-0.35	-23.87	-23.11	-1.11	-4.17	10.59	2.82	3.08	10.32	1.41
		700	56.06	-2.35e-03	-19.96	-18.94	-1.02	-4.39	9.56	2.32	2.73	9.15	1.67
		719	32.84	10.47	-3.39	7.35	-0.27	-5.79	4.54	0.99	1.39	4.13	1.13
		718	33.87	11.07	-2.26	9.13	-0.31	-4.71	5.06	1.39	1.68	4.77	0.98
630	3	699	5.12	-0.02	-4.26	-4.11	-0.17	-0.77	0.27	-0.12	0.03	0.13	0.19
		700	5.10	0.07	-3.71	-3.49	-0.15	-0.88	0.25	-0.20	2.95e-03	0.04	0.23
		719	4.34	2.60	-0.43	2.13	0.03	-1.09	0.12	-0.28	-0.02	-0.13	0.19
		718	3.82	2.64	-0.28	2.33	0.03	-0.90	0.12	-0.21	4.85e-03	-0.09	0.16
630	4	699	22.99	-0.06	-9.80	-9.44	-0.42	-1.84	3.72	0.96	1.07	3.60	0.54
		700	20.15	0.11	-8.23	-7.74	-0.38	-1.97	3.37	0.78	0.95	3.20	0.64
		719	12.22	4.34	-1.50	2.89	-0.05	-2.52	1.54	0.27	0.46	1.34	0.45
		718	12.31	4.55	-1.01	3.60	-0.07	-2.09	1.71	0.43	0.56	1.57	0.39
631	1	700	10.65	-0.07	-4.79	-4.62	-0.24	-0.88	-0.41	-1.56	-0.47	-1.50	0.26
		701	10.80	0.05	-4.24	-4.00	-0.20	-1.00	-0.41	-1.62	-0.49	-1.54	0.30
		720	7.85	5.07	-0.30	4.74	0.03	-1.29	-0.11	-0.97	-0.24	-0.85	0.30
		719	7.51	5.01	-0.20	4.79	0.02	-1.05	-0.14	-0.94	-0.23	-0.86	0.25
631	2	700	55.84	0.31	-20.25	-18.92	-1.01	-5.04	9.54	2.33	2.72	9.15	1.64
		701	50.14	0.90	-15.75	-13.95	-0.91	-5.17	8.39	1.80	2.34	7.85	1.81
		720	31.66	9.72	-4.80	5.15	-0.23	-6.74	3.94	0.54	1.07	3.42	1.22
		719	32.95	10.41	-3.36	7.33	-0.28	-5.74	4.56	0.97	1.40	4.13	1.16
631	3	700	5.22	0.12	-3.77	-3.49	-0.15	-0.99	0.24	-0.20	1.13e-03	0.04	0.22
		701	5.16	0.26	-3.12	-2.74	-0.13	-1.07	0.22	-0.28	-0.02	-0.04	0.25
		720	4.93	2.58	-0.65	1.88	0.04	-1.33	0.12	-0.33	-0.04	-0.17	0.22
		719	4.46	2.64	-0.48	2.13	0.03	-1.15	0.13	-0.28	-0.02	-0.13	0.19
631	4	700	20.21	0.24	-8.35	-7.73	-0.38	-2.23	3.36	0.78	0.95	3.20	0.63
		701	18.50	0.52	-6.55	-5.69	-0.34	-2.31	2.97	0.59	0.82	2.75	0.69
		720	12.15	4.10	-2.13	2.01	-0.03	-2.94	1.34	0.10	0.34	1.10	0.49
		719	12.32	4.35	-1.52	2.88	-0.06	-2.54	1.54	0.26	0.46	1.34	0.46
632	1	701	10.90	0.13	-4.32	-4.00	-0.20	-1.15	-0.42	-1.62	-0.49	-1.54	0.30
		702	10.74	0.28	-3.64	-3.22	-0.14	-1.21	-0.40	-1.63	-0.49	-1.54	0.32
		721	8.55	5.17	-0.44	4.68	0.05	-1.59	-0.06	-0.97	-0.23	-0.79	0.36
		720	7.97	5.11	-0.34	4.74	0.03	-1.37	-0.11	-0.98	-0.23	-0.85	0.31
632	2	701	50.58	1.34	-16.15	-13.93	-0.88	-5.83	8.37	1.79	2.32	7.84	1.78
		702	44.86	2.43	-11.39	-8.17	-0.79	-5.85	7.09	1.27	1.92	6.44	1.82
		721	30.08	8.94	-6.52	2.60	-0.18	-7.61	3.25	0.12	0.70	2.67	1.21
		720	31.77	9.65	-4.77	5.12	-0.24	-6.69	3.96	0.54	1.08	3.42	1.25
632	3	701	5.31	0.34	-3.20	-2.74	-0.12	-1.19	0.21	-0.28	-0.03	-0.04	0.24
		702	5.14	0.55	-2.48	-1.83	-0.10	-1.24	0.18	-0.33	-0.04	-0.11	0.25
		721	5.42	2.56	-0.90	1.60	0.05	-1.55	0.11	-0.37	-0.07	-0.19	0.24
		720	5.06	2.63	-0.71	1.88	0.04	-1.39	0.12	-0.34	-0.04	-0.17	0.22
632	4	701	18.70	0.71	-6.72	-5.68	-0.33	-2.58	2.96	0.59	0.81	2.74	0.68
		702	16.80	1.22	-4.81	-3.30	-0.29	-2.61	2.52	0.41	0.67	2.26	0.70
		721	11.90	3.85	-2.88	0.99	-0.01	-3.33	1.10	-0.06	0.21	0.84	0.49
		720	12.25	4.11	-2.16	2.00	-0.04	-2.97	1.35	0.10	0.35	1.10	0.50
633	1	702	10.86	0.39	-3.75	-3.22	-0.13	-1.38	-0.41	-1.63	-0.50	-1.54	0.32
		703	10.37	0.61	-2.88	-2.23	-0.05	-1.37	-0.37	-1.59	-0.47	-1.49	0.33
		722	9.12	5.29	-0.56	4.63	0.10	-1.85	0.04	-0.89	-0.21	-0.64	0.41
		721	8.66	5.22	-0.49	4.68	0.05	-1.67	-0.05	-0.97	-0.23	-0.79	0.36
633	2	702	45.38	3.07	-11.93	-8.13	-0.73	-6.52	7.05	1.24	1.87	6.43	1.80
		703	39.24	5.20	-7.56	-1.65	-0.71	-6.36	5.65	0.79	1.49	4.95	1.70
		722	27.88	8.19	-8.55	-0.19	-0.16	-8.37	2.46	-0.23	0.31	1.93	1.08
		721	30.22	8.84	-6.52	2.54	-0.21	-7.56	3.28	0.13	0.73	2.69	1.24
633	3	702	5.31	0.66	-2.57	-1.83	-0.09	-1.36	0.17	-0.34	-0.05	-0.11	0.25
		703	5.02	1.00	-1.81	-0.75	-0.06	-1.36	0.13	-0.36	-0.06	-0.17	0.24



		722	5.73	2.54	-1.17	1.30	0.07	-1.75	0.11	-0.37	-0.09	-0.17	0.24
		721	5.53	2.61	-0.96	1.60	0.05	-1.61	0.12	-0.37	-0.06	-0.19	0.24
633	4	702	17.04	1.48	-5.03	-3.29	-0.26	-2.89	2.51	0.39	0.65	2.25	0.69
		703	14.96	2.43	-3.27	-0.58	-0.25	-2.84	2.02	0.24	0.52	1.74	0.65
		722	11.37	3.62	-3.75	-0.13	-4.92e-03	-3.68	0.83	-0.18	0.07	0.59	0.43
		721	12.01	3.86	-2.92	0.96	-0.03	-3.35	1.12	-0.05	0.22	0.84	0.50
634	1	703	10.56	0.76	-3.03	-2.24	-0.03	-1.55	-0.40	-1.60	-0.50	-1.50	0.33
		704	9.96	1.13	-2.03	-1.01	0.11	-1.47	-0.33	-1.52	-0.43	-1.41	0.34
		723	9.45	5.34	-0.59	4.56	0.19	-2.01	0.24	-0.72	-0.12	-0.36	0.46
		722	9.15	5.36	-0.60	4.66	0.11	-1.92	0.05	-0.88	-0.19	-0.63	0.41
634	2	703	39.94	6.05	-8.18	-1.54	-0.58	-7.10	5.58	0.68	1.35	4.91	1.69
		704	33.26	9.60	-4.75	5.62	-0.77	-6.42	4.06	0.37	1.08	3.36	1.45
		723	24.86	7.54	-10.78	-2.73	-0.51	-9.09	1.57	-0.47	-0.10	1.21	0.78
		722	28.19	8.03	-8.66	-0.41	-0.22	-8.35	2.54	-0.18	0.40	1.97	1.11
634	3	703	5.25	1.15	-1.93	-0.75	-0.04	-1.50	0.11	-0.38	-0.09	-0.18	0.24
		704	4.90	1.70	-1.19	0.52	-5.37e-03	-1.42	0.08	-0.39	-0.07	-0.25	0.22
		723	5.76	2.51	-1.43	1.01	0.07	-1.91	0.12	-0.32	-0.09	-0.11	0.22
		722	5.81	2.59	-1.23	1.29	0.07	-1.81	0.12	-0.36	-0.07	-0.17	0.24
634	4	703	15.29	2.78	-3.52	-0.54	-0.20	-3.15	1.99	0.19	0.46	1.72	0.64
		704	12.97	4.31	-2.09	2.48	-0.27	-2.89	1.45	0.10	0.38	1.17	0.55
		723	10.43	3.40	-4.69	-1.15	-0.14	-4.01	0.52	-0.25	-0.08	0.36	0.32
		722	11.55	3.60	-3.84	-0.21	-0.03	-3.71	0.86	-0.16	0.10	0.60	0.45
635	1	704	10.55	1.37	-2.24	-1.04	0.18	-1.70	-0.42	-1.60	-0.53	-1.49	0.35
		705	9.74	1.90	-1.23	0.39	0.28	-1.56	-0.16	-1.38	-0.33	-1.21	0.42
		724	9.73	4.86	-0.57	4.10	0.19	-1.88	0.59	-0.57	0.11	-0.10	0.57
		723	9.26	5.48	-0.59	4.65	0.24	-2.07	0.27	-0.64	-0.07	-0.30	0.44
635	2	704	34.55	10.61	-5.36	5.85	-0.61	-7.30	3.85	0.02	0.67	3.20	1.44
		705	26.26	15.39	-2.51	13.68	-0.80	-5.26	2.27	-0.09	0.77	1.42	1.13
		724	19.17	6.96	-12.15	-3.54	-1.65	-9.51	0.55	-0.54	-0.50	0.51	0.21
		723	25.66	7.30	-11.09	-3.28	-0.51	-9.09	1.78	-0.34	0.08	1.36	0.85
635	3	704	5.30	1.90	-1.33	0.53	0.04	-1.59	5.36e-03	-0.45	-0.15	-0.29	0.22
		705	5.02	2.65	-0.64	1.98	0.03	-1.32	0.08	-0.44	-0.04	-0.33	0.22
		724	5.44	2.33	-1.65	0.78	-0.10	-1.94	0.16	-0.22	-0.03	-0.04	0.19
		723	5.82	2.56	-1.48	0.99	0.09	-1.97	0.16	-0.28	-0.05	-0.07	0.22
635	4	704	13.56	4.72	-2.34	2.57	-0.19	-3.25	1.35	-0.06	0.20	1.10	0.54
		705	10.65	6.75	-1.12	5.92	-0.29	-2.42	0.80	-0.07	0.29	0.45	0.43
		724	8.28	3.15	-5.29	-1.48	-0.65	-4.20	0.16	-0.23	-0.21	0.14	0.09
		723	10.82	3.35	-4.84	-1.36	-0.13	-4.05	0.61	-0.19	-3.65e-03	0.42	0.34
636	1	705	11.06	1.94	-1.39	-0.12	0.67	-1.62	-0.44	-1.64	-0.67	-1.41	0.47
		94	7.28	4.15	-2.30	3.50	-1.66	-1.94	0.19	-0.64	0.04	-0.49	0.32
		134	13.89	3.55	-1.49	1.74	0.32	-2.42	1.07	-0.76	-9.22e-03	0.32	0.90
		724	10.17	5.11	-0.55	4.49	0.07	-1.77	0.67	-0.60	0.14	-0.07	0.63
636	2	705	28.17	14.15	-1.56	12.55	0.04	-4.76	1.34	-1.41	-0.76	0.69	1.16
		94	39.17	27.63	-6.29	26.60	-5.26	-5.82	0.70	-1.27	0.66	-1.23	0.27
		134	20.23	9.30	-12.09	-3.55	0.76	-10.48	1.19	-0.24	-0.23	1.17	0.13
		724	20.18	6.77	-11.97	-2.63	-2.57	-9.37	0.63	-0.48	-0.39	0.54	0.30
636	3	705	5.74	2.39	-0.46	1.65	0.28	-1.25	-0.20	-0.66	-0.37	-0.49	0.22
		94	7.91	5.06	-1.72	4.71	-1.37	-1.50	0.16	-0.37	0.13	-0.34	0.11
		134	7.27	2.32	-2.22	0.02	0.08	-2.27	0.51	-0.15	0.06	0.30	0.30
		724	5.91	2.42	-1.64	1.04	-0.25	-1.93	0.21	-0.26	-0.02	-0.02	0.23
636	4	705	11.58	6.19	-0.68	5.40	0.10	-2.18	0.37	-0.64	-0.40	0.13	0.43
		94	17.46	12.03	-2.92	11.55	-2.44	-2.65	0.33	-0.57	0.31	-0.56	0.10
		134	9.24	4.08	-5.41	-1.55	0.21	-4.66	0.56	-0.01	-4.09e-03	0.55	0.07
		724	8.90	3.13	-5.23	-1.07	-1.03	-4.18	0.21	-0.23	-0.18	0.16	0.14
637	1	90	12.13	3.40	-3.30	0.56	-0.46	3.31	0.36	-0.84	-0.23	-0.25	-0.60
		706	9.82	3.37	-3.18	0.52	-0.33	3.25	0.50	-0.33	0.20	-0.02	-0.40
		725	11.28	3.98	-2.05	2.70	-0.77	2.46	1.46	0.52	0.70	1.29	-0.37
		12	6.12	2.06	-2.22	-0.35	0.19	2.12	0.41	-0.21	-0.13	0.34	-0.20
637	2	90	23.96	5.85	-11.50	-4.45	-1.20	8.53	-0.89	-2.23	-2.11	-1.02	0.39
		706	20.47	4.72	-15.06	-6.41	-3.93	9.81	1.82	0.58	0.59	1.80	0.15
		725	39.85	2.20	-26.79	-24.25	-0.34	8.19	0.93	-1.43	-1.22	0.71	0.68
		12	45.83	12.94	-25.67	-13.40	0.67	17.98	1.25	-1.11	-0.59	0.73	0.98
637	3	90	5.93	1.97	-2.42	-0.14	-0.32	2.19	7.26e-03	-0.39	-0.21	-0.17	-0.20
		706	5.44	1.83	-2.62	-0.35	-0.45	2.22	0.24	-0.05	0.10	0.10	-0.14
		725	5.19	1.22	-2.37	-0.84	-0.31	1.78	0.53	0.11	0.15	0.49	-0.12
		12	4.97	1.96	-3.11	-1.30	0.16	2.43	0.21	-0.09	-0.09	0.21	-0.01
637	4	90	9.21	2.70	-4.86	-1.62	-0.54	3.74	-0.38	-0.79	-0.77	-0.40	0.10
		706	8.46	2.23	-6.15	-2.41	-1.51	4.17	0.64	0.21	0.21	0.64	0.02
		725	14.64	1.05	-10.05	-8.82	-0.18	3.48	0.37	-0.46	-0.41	0.32	0.19
		12	17.70	5.19	-10.07	-5.17	0.30	7.12	0.48	-0.39	-0.22	0.32	0.34
638	1	706	8.87	3.36	-3.05	0.60	-0.29	3.18	0.44	-0.22	0.16	0.06	-0.32
		707	9.25	3.70	-2.83	0.90	-0.04	3.23	0.33	-0.37	-0.03	-0.02	-0.35
		726	10.52	5.45	-0.85	4.43	0.17	2.32	0.76	-0.31	0.16	0.29	-0.53
		725	11.23	3.84	-1.74	2.39	-0.29	2.45	1.18	1.69e-03	0.24	0.94	-0.47
638	2	706	23.37	3.57	-17.12	-10.18	-3.37	9.77	1.77	0.08	0.09	1.76	0.12
		707	27.39	4.70	-12.87	-7.31	-0.86	8.18	3.47	0.55	0.68	3.34	-0.62
		726	11.93	0.15	-8.46	-7.91	-0.39	2.10	-0.13	-1.15	-0.86	-0.42	-0.46



		725	29.12	3.55	-18.80	-16.47	1.21	6.84	0.53	-1.17	-1.15	0.51	0.16
638	3	706	5.02	1.68	-2.68	-0.62	-0.38	2.17	0.20	-0.04	0.05	0.12	-0.11
		707	5.52	1.89	-2.22	-0.27	-0.06	2.05	0.28	-0.11	7.65e-03	0.16	-0.18
		726	4.92	1.97	-0.66	1.22	0.09	1.19	0.22	-0.29	-0.04	-0.03	-0.26
638	4	725	5.23	1.46	-1.79	-0.35	0.02	1.61	0.43	-0.11	-0.02	0.34	-0.20
		706	9.08	1.76	-6.87	-3.81	-1.29	4.13	0.62	0.02	0.03	0.62	0.02
		707	10.81	2.21	-5.22	-2.70	-0.30	3.52	1.22	0.15	0.22	1.15	-0.26
		726	4.69	0.37	-2.88	-2.44	-0.08	1.12	-0.05	-0.53	-0.34	-0.24	-0.24
		725	10.73	1.60	-7.06	-5.93	0.47	2.91	0.21	-0.43	-0.43	0.21	-0.01
639	1	707	8.84	3.59	-2.69	0.93	-0.03	3.10	0.31	-0.35	5.99e-03	-0.04	-0.33
		708	8.81	3.79	-2.31	1.47	9.36e-03	2.96	0.19	-0.49	-0.09	-0.22	-0.34
		727	10.08	7.11	-0.44	6.48	0.19	2.09	0.36	-0.53	3.45e-03	-0.18	-0.44
		726	10.35	5.34	-0.78	4.44	0.11	2.16	0.70	-0.36	0.08	0.26	-0.52
639	2	707	27.77	4.18	-14.39	-8.83	-1.39	8.51	3.44	0.59	0.70	3.33	-0.56
		708	31.25	4.98	-9.23	-4.15	-0.11	6.81	4.53	0.82	1.09	4.26	-0.96
		727	14.11	8.70	-0.36	8.52	-0.17	1.28	0.16	-1.39	-0.46	-0.77	-0.76
		726	9.66	0.99	-4.49	-4.09	0.60	1.42	-0.14	-1.35	-0.99	-0.50	-0.55
639	3	707	5.32	1.77	-2.25	-0.38	-0.10	2.00	0.27	-0.10	0.02	0.15	-0.17
		708	5.31	1.91	-1.69	0.20	0.02	1.80	0.28	-0.15	9.93e-03	0.12	-0.21
		727	5.38	3.69	-0.17	3.40	0.11	1.01	0.09	-0.42	-0.07	-0.26	-0.24
		726	4.86	2.08	-0.40	1.54	0.14	1.03	0.20	-0.33	-0.08	-0.05	-0.26
639	4	707	10.87	1.98	-5.75	-3.27	-0.50	3.60	1.21	0.17	0.23	1.15	-0.24
		708	11.89	2.29	-3.76	-1.46	-0.01	2.94	1.58	0.23	0.36	1.45	-0.39
		727	6.62	4.15	-0.14	4.01	1.27e-03	0.77	0.03	-0.67	-0.21	-0.43	-0.33
		726	4.54	0.68	-1.38	-0.99	0.28	0.81	-0.06	-0.61	-0.40	-0.27	-0.27
640	1	708	8.59	3.69	-2.20	1.48	2.37e-03	2.85	0.20	-0.49	-0.07	-0.22	-0.34
		709	8.17	3.89	-1.84	2.07	-0.02	2.67	0.11	-0.55	-0.09	-0.35	-0.31
		728	10.30	8.69	-0.25	8.28	0.17	1.89	0.21	-0.55	-0.03	-0.31	-0.35
		727	9.87	7.02	-0.38	6.48	0.17	1.94	0.36	-0.51	-5.30e-03	-0.15	-0.43
640	2	708	31.72	4.75	-9.66	-4.39	-0.51	6.94	4.59	0.91	1.17	4.33	-0.95
		709	34.90	5.68	-6.09	-0.19	-0.23	5.89	5.38	1.16	1.49	5.06	-1.12
		728	22.78	20.31	0.06	20.28	0.09	0.84	0.50	-1.40	-0.21	-0.68	-0.92
		727	14.99	9.00	0.17	8.91	0.26	0.87	-5.62e-03	-1.56	-0.72	-0.85	-0.78
640	3	708	5.19	1.83	-1.65	0.19	-0.01	1.74	0.28	-0.13	0.02	0.12	-0.20
		709	4.97	1.99	-1.24	0.75	4.82e-04	1.57	0.28	-0.14	0.03	0.11	-0.21
		728	6.08	5.23	-0.03	5.08	0.12	0.87	0.06	-0.43	-0.07	-0.31	-0.21
		727	5.28	3.65	-0.08	3.43	0.14	0.87	0.07	-0.42	-0.10	-0.25	-0.24
640	4	708	12.00	2.17	-3.89	-1.55	-0.17	2.95	1.60	0.27	0.39	1.47	-0.38
		709	12.91	2.54	-2.52	0.08	-0.06	2.53	1.86	0.35	0.50	1.71	-0.45
		728	9.82	8.67	0.06	8.64	0.10	0.56	0.14	-0.68	-0.12	-0.42	-0.38
		727	6.87	4.23	0.08	4.16	0.16	0.56	-0.04	-0.73	-0.31	-0.46	-0.34
641	1	709	8.00	3.79	-1.74	2.06	-0.02	2.56	0.12	-0.55	-0.08	-0.35	-0.31
		710	7.43	3.99	-1.40	2.63	-0.04	2.34	0.05	-0.57	-0.10	-0.42	-0.27
		729	10.82	10.12	-0.12	9.84	0.16	1.67	0.14	-0.53	-0.03	-0.36	-0.29
		728	10.12	8.63	-0.18	8.28	0.17	1.73	0.21	-0.54	-0.03	-0.31	-0.35
641	2	709	34.94	5.49	-6.09	-0.26	-0.34	5.79	5.42	1.22	1.55	5.09	-1.12
		710	37.16	6.64	-3.61	3.35	-0.31	4.79	5.99	1.52	1.83	5.69	-1.12
		729	32.91	29.98	0.11	29.97	0.12	0.59	0.80	-1.19	0.06	-0.45	-0.96
		728	23.04	20.43	0.18	20.41	0.20	0.62	0.41	-1.44	-0.32	-0.70	-0.91
641	3	709	4.84	1.91	-1.18	0.74	-8.86e-03	1.50	0.29	-0.13	0.04	0.12	-0.21
		710	4.48	2.07	-0.85	1.24	-0.01	1.32	0.28	-0.11	0.05	0.12	-0.19
		729	7.27	6.56	0.04	6.48	0.12	0.74	0.05	-0.41	-0.05	-0.31	-0.19
		728	6.00	5.20	0.02	5.09	0.13	0.75	0.05	-0.43	-0.08	-0.31	-0.21
641	4	709	12.87	2.43	-2.48	0.05	-0.10	2.45	1.87	0.38	0.52	1.73	-0.45
		710	13.45	2.87	-1.51	1.45	-0.09	2.05	2.06	0.49	0.62	1.93	-0.44
		729	13.77	12.46	0.10	12.44	0.11	0.42	0.24	-0.60	-0.02	-0.34	-0.39
		728	9.81	8.71	0.12	8.69	0.14	0.42	0.10	-0.69	-0.16	-0.43	-0.38
642	1	710	7.27	3.90	-1.31	2.62	-0.04	2.24	0.06	-0.57	-0.09	-0.42	-0.27
		711	6.67	4.11	-1.01	3.14	-0.05	2.00	-1.81e-03	-0.58	-0.10	-0.48	-0.22
		730	12.21	11.35	-0.02	11.16	0.16	1.43	0.10	-0.49	-0.02	-0.37	-0.23
		729	10.81	10.08	-0.06	9.85	0.16	1.51	0.14	-0.52	-0.03	-0.36	-0.29
642	2	710	37.11	6.47	-3.52	3.30	-0.34	4.65	6.01	1.54	1.85	5.70	-1.13
		711	38.26	7.85	-1.95	6.24	-0.35	3.62	6.35	1.83	2.07	6.12	-1.01
		730	41.02	37.69	0.13	37.69	0.13	0.34	0.99	-0.87	0.31	-0.19	-0.89
		729	32.79	30.05	0.17	30.04	0.18	0.41	0.76	-1.19	0.02	-0.45	-0.94
642	3	710	4.36	2.00	-0.79	1.23	-0.02	1.25	0.28	-0.10	0.06	0.12	-0.19
		711	3.90	2.17	-0.54	1.65	-0.02	1.06	0.25	-0.07	0.07	0.12	-0.16
		730	8.44	7.65	0.07	7.60	0.12	0.60	0.05	-0.37	-0.02	-0.30	-0.16
		729	7.27	6.55	0.07	6.49	0.13	0.62	0.05	-0.41	-0.05	-0.31	-0.19
642	4	710	13.38	2.77	-1.44	1.43	-0.11	1.96	2.07	0.49	0.63	1.93	-0.45
		711	13.59	3.27	-0.81	2.57	-0.11	1.54	2.18	0.60	0.71	2.07	-0.39
		730	16.93	15.47	0.11	15.46	0.11	0.28	0.30	-0.47	0.07	-0.24	-0.35
		729	13.75	12.48	0.12	12.47	0.13	0.29	0.22	-0.60	-0.04	-0.34	-0.38
643	1	711	6.52	4.02	-0.93	3.14	-0.05	1.89	1.50e-05	-0.58	-0.10	-0.48	-0.22
		712	5.96	4.23	-0.69	3.60	-0.06	1.64	-0.05	-0.59	-0.11	-0.53	-0.17
		731	13.31	12.34	0.04	12.23	0.16	1.18	0.06	-0.45	-0.01	-0.37	-0.18
		730	12.21	11.31	0.02	11.17	0.16	1.27	0.09	-0.49	-0.02	-0.37	-0.23



643	2	711	38.20	7.71	-1.87	6.21	-0.37	3.48	6.36	1.83	2.07	6.12	-1.02
		712	38.45	9.11	-0.99	8.49	-0.37	2.43	6.51	2.06	2.22	6.36	-0.80
		731	47.02	43.43	0.14	43.43	0.14	0.07	1.05	-0.51	0.52	0.02	-0.74
		730	41.01	37.74	0.16	37.74	0.16	0.17	0.97	-0.86	0.30	-0.19	-0.88
643	3	711	3.79	2.10	-0.48	1.65	-0.02	0.98	0.26	-0.07	0.07	0.12	-0.16
		712	3.30	2.26	-0.30	1.99	-0.02	0.80	0.22	-0.03	0.07	0.11	-0.12
		731	9.31	8.48	0.10	8.45	0.12	0.46	0.04	-0.33	-6.06e-03	-0.28	-0.12
		730	8.45	7.64	0.09	7.61	0.12	0.48	0.05	-0.37	-0.03	-0.30	-0.16
643	4	711	13.53	3.20	-0.75	2.56	-0.11	1.45	2.18	0.61	0.71	2.07	-0.40
		712	13.46	3.71	-0.39	3.44	-0.12	1.03	2.22	0.70	0.76	2.15	-0.31
		731	19.26	17.70	0.11	17.70	0.12	0.13	0.32	-0.34	0.15	-0.16	-0.29
		730	16.95	15.48	0.12	15.48	0.12	0.16	0.30	-0.47	0.07	-0.24	-0.35
644	1	712	5.84	4.16	-0.62	3.60	-0.06	1.54	-0.05	-0.59	-0.11	-0.53	-0.17
		713	6.00	4.36	-0.43	3.99	-0.06	1.27	-0.10	-0.61	-0.12	-0.58	-0.11
		732	14.14	13.11	0.09	13.04	0.16	0.93	0.03	-0.41	-7.68e-03	-0.37	-0.12
		731	13.31	12.32	0.07	12.23	0.16	1.03	0.06	-0.45	-0.01	-0.37	-0.18
644	2	712	38.40	9.02	-0.93	8.47	-0.38	2.28	6.51	2.06	2.22	6.35	-0.82
		713	38.03	10.23	-0.53	10.09	-0.39	1.21	6.49	2.22	2.29	6.42	-0.53
		732	50.90	47.19	0.14	47.19	0.14	-0.22	0.99	-0.16	0.66	0.18	-0.52
		731	47.04	43.47	0.15	43.47	0.15	-0.09	1.04	-0.50	0.51	0.02	-0.73
644	3	712	3.20	2.22	-0.25	1.99	-0.02	0.72	0.22	-0.03	0.07	0.11	-0.12
		713	2.75	2.36	-0.14	2.24	-0.03	0.52	0.16	5.57e-03	0.07	0.09	-0.08
		732	9.91	9.04	0.11	9.03	0.12	0.31	0.03	-0.29	6.90e-03	-0.27	-0.08
		731	9.32	8.47	0.11	8.46	0.12	0.34	0.04	-0.33	-6.50e-03	-0.28	-0.12
644	4	712	13.41	3.66	-0.35	3.43	-0.12	0.94	2.22	0.70	0.76	2.15	-0.32
		713	13.16	4.11	-0.18	4.05	-0.12	0.51	2.20	0.76	0.79	2.17	-0.20
		732	20.75	19.15	0.12	19.15	0.12	-0.03	0.30	-0.20	0.21	-0.11	-0.20
		731	19.28	17.71	0.12	17.71	0.12	0.01	0.32	-0.33	0.15	-0.16	-0.28
645	1	713	5.96	4.30	-0.38	3.99	-0.06	1.17	-0.10	-0.61	-0.12	-0.58	-0.11
		714	6.46	4.48	-0.24	4.31	-0.07	0.89	-0.13	-0.64	-0.14	-0.64	-0.05
		733	14.71	13.64	0.13	13.61	0.16	0.66	7.10e-03	-0.38	-4.21e-03	-0.37	-0.06
		732	14.14	13.09	0.11	13.04	0.16	0.77	0.03	-0.41	-7.72e-03	-0.37	-0.12
645	2	713	38.00	10.18	-0.50	10.07	-0.39	1.06	6.49	2.21	2.29	6.42	-0.55
		714	37.25	11.04	-0.39	11.04	-0.39	-1.13e-03	6.35	2.27	2.28	6.34	-0.22
		733	52.70	49.00	0.14	48.99	0.14	-0.52	0.85	0.15	0.74	0.27	-0.26
		732	50.92	47.21	0.15	47.21	0.15	-0.37	0.98	-0.15	0.66	0.18	-0.51
645	3	713	2.67	2.33	-0.11	2.24	-0.03	0.45	0.16	4.65e-03	0.07	0.09	-0.08
		714	2.66	2.44	-0.05	2.41	-0.03	0.25	0.10	0.04	0.07	0.07	-0.03
		733	10.22	9.34	0.12	9.33	0.12	0.16	0.02	-0.27	0.01	-0.26	-0.04
		732	9.91	9.03	0.12	9.03	0.12	0.20	0.03	-0.29	6.72e-03	-0.27	-0.08
645	4	713	13.13	4.08	-0.17	4.04	-0.12	0.42	2.20	0.76	0.79	2.17	-0.21
		714	12.81	4.41	-0.12	4.41	-0.12	-0.02	2.14	0.78	0.79	2.14	-0.08
		733	21.43	19.82	0.11	19.82	0.12	-0.19	0.26	-0.10	0.23	-0.07	-0.09
		732	20.77	19.15	0.12	19.15	0.12	-0.14	0.30	-0.20	0.20	-0.11	-0.20
646	1	714	6.43	4.44	-0.21	4.31	-0.07	0.79	-0.13	-0.64	-0.14	-0.64	-0.05
		715	6.85	4.60	-0.13	4.54	-0.07	0.51	-0.16	-0.69	-0.16	-0.69	7.09e-03
		734	15.03	13.94	0.15	13.93	0.16	0.40	-2.81e-03	-0.36	-2.91e-03	-0.36	-6.13e-03
		733	14.70	13.63	0.14	13.61	0.16	0.51	6.86e-03	-0.38	-4.26e-03	-0.37	-0.06
646	2	714	37.24	11.04	-0.40	11.04	-0.39	-0.15	6.35	2.27	2.28	6.34	-0.23
		715	36.35	11.50	-0.51	11.38	-0.39	-1.20	6.13	2.22	2.22	6.12	0.11
		734	52.49	48.89	0.13	48.88	0.14	-0.83	0.75	0.29	0.75	0.29	0.03
		733	52.71	49.01	0.14	49.00	0.15	-0.68	0.84	0.16	0.74	0.27	-0.25
646	3	714	2.66	2.42	-0.04	2.41	-0.03	0.17	0.10	0.04	0.07	0.07	-0.03
		715	2.77	2.50	-0.03	2.50	-0.03	-0.02	0.07	0.02	0.06	0.04	0.02
		734	10.26	9.37	0.12	9.37	0.12	8.39e-03	0.01	-0.26	0.01	-0.26	0.01
		733	10.22	9.33	0.12	9.33	0.12	0.05	0.02	-0.27	0.01	-0.26	-0.04
646	4	714	12.80	4.41	-0.13	4.41	-0.13	-0.11	2.14	0.78	0.79	2.14	-0.08
		715	12.52	4.59	-0.18	4.53	-0.12	-0.53	2.06	0.76	0.76	2.06	0.05
		734	21.31	19.74	0.11	19.73	0.12	-0.36	0.24	-0.07	0.24	-0.07	0.02
		733	21.44	19.82	0.11	19.82	0.12	-0.30	0.26	-0.10	0.23	-0.07	-0.09
647	1	715	6.83	4.58	-0.11	4.54	-0.07	0.41	-0.16	-0.69	-0.16	-0.69	5.62e-03
		716	7.17	4.70	-0.07	4.70	-0.07	0.13	-0.17	-0.75	-0.18	-0.75	0.07
		735	15.11	14.02	0.16	14.01	0.16	0.13	4.74e-03	-0.37	-3.32e-03	-0.36	0.05
		734	15.02	13.93	0.16	13.93	0.16	0.24	-2.90e-03	-0.36	-2.99e-03	-0.36	-5.61e-03
647	2	715	36.35	11.53	-0.54	11.38	-0.39	-1.35	6.12	2.22	2.22	6.12	0.09
		716	35.44	11.60	-0.85	11.13	-0.38	-2.37	5.83	2.04	2.09	5.78	0.43
		735	50.32	46.93	0.12	46.90	0.15	-1.16	0.86	0.10	0.70	0.25	0.31
		734	52.48	48.89	0.12	48.87	0.14	-0.99	0.76	0.29	0.75	0.29	0.04
647	3	715	2.76	2.50	-0.03	2.50	-0.03	-0.10	0.07	0.02	0.06	0.04	0.02
		716	2.80	2.54	-0.06	2.51	-0.03	-0.30	0.09	-0.05	0.04	-2.75e-03	0.07
		735	10.03	9.16	0.12	9.16	0.12	-0.15	0.02	-0.27	9.46e-03	-0.26	0.06
		734	10.25	9.37	0.12	9.37	0.12	-0.11	0.01	-0.26	0.01	-0.26	0.01
647	4	715	12.53	4.61	-0.21	4.53	-0.12	-0.62	2.06	0.76	0.76	2.05	0.05
		716	12.32	4.64	-0.35	4.41	-0.12	-1.04	1.96	0.69	0.72	1.93	0.18
		735	20.41	18.92	0.10	18.90	0.12	-0.53	0.27	-0.13	0.22	-0.08	0.13
		734	21.30	19.74	0.11	19.73	0.12	-0.47	0.24	-0.07	0.24	-0.07	0.02
648	1	716	7.15	4.70	-0.07	4.70	-0.07	0.03	-0.17	-0.75	-0.18	-0.75	0.07



		717	7.40	4.79	-0.08	4.78	-0.07	-0.24	-0.17	-0.82	-0.19	-0.80	0.13
		736	14.96	13.88	0.16	13.88	0.16	-0.15	0.03	-0.39	-4.71e-03	-0.35	0.12
		735	15.09	14.01	0.16	14.01	0.16	-0.03	4.76e-03	-0.37	-3.45e-03	-0.36	0.05
648	2	716	35.47	11.66	-0.90	11.14	-0.38	-2.52	5.83	2.04	2.09	5.78	0.42
		717	34.58	11.36	-1.41	10.32	-0.36	-3.50	5.48	1.76	1.91	5.33	0.73
		736	46.29	43.19	0.10	43.14	0.15	-1.48	0.98	-0.23	0.59	0.16	0.57
		735	50.30	46.92	0.10	46.88	0.14	-1.31	0.87	0.09	0.70	0.25	0.32
648	3	716	2.80	2.56	-0.08	2.51	-0.03	-0.37	0.09	-0.05	0.04	-2.92e-03	0.07
		717	3.07	2.56	-0.15	2.44	-0.03	-0.56	0.11	-0.13	0.03	-0.05	0.12
		736	9.54	8.71	0.11	8.70	0.12	-0.30	0.03	-0.30	-1.01e-03	-0.27	0.10
		735	10.02	9.16	0.11	9.16	0.12	-0.26	0.02	-0.27	9.45e-03	-0.26	0.06
648	4	716	12.35	4.68	-0.38	4.42	-0.12	-1.13	1.96	0.69	0.72	1.93	0.17
		717	12.23	4.58	-0.61	4.08	-0.11	-1.53	1.84	0.58	0.65	1.77	0.29
		736	18.77	17.39	0.09	17.37	0.12	-0.69	0.31	-0.25	0.18	-0.12	0.24
		735	20.40	18.92	0.09	18.90	0.12	-0.64	0.27	-0.13	0.22	-0.08	0.14
649	1	717	7.38	4.80	-0.09	4.78	-0.07	-0.34	-0.17	-0.82	-0.19	-0.80	0.13
		718	7.54	4.86	-0.14	4.79	-0.06	-0.60	-0.16	-0.89	-0.21	-0.84	0.19
		737	14.60	13.56	0.15	13.54	0.16	-0.42	0.07	-0.42	-5.97e-03	-0.34	0.18
		736	14.94	13.89	0.15	13.88	0.16	-0.30	0.03	-0.39	-4.90e-03	-0.35	0.12
649	2	717	34.63	11.46	-1.49	10.33	-0.36	-3.65	5.47	1.77	1.91	5.33	0.71
		718	33.73	10.87	-2.21	8.99	-0.34	-4.58	5.06	1.40	1.68	4.78	0.97
		737	40.47	37.77	0.07	37.68	0.15	-1.79	1.03	-0.59	0.43	8.72e-03	0.78
		736	46.26	43.17	0.08	43.11	0.14	-1.63	0.99	-0.24	0.60	0.16	0.58
649	3	717	3.16	2.60	-0.18	2.44	-0.03	-0.64	0.11	-0.13	0.03	-0.05	0.11
		718	3.69	2.56	-0.28	2.30	-0.02	-0.82	0.12	-0.21	4.90e-03	-0.09	0.16
		737	8.81	8.02	0.10	8.00	0.12	-0.45	0.05	-0.34	-0.02	-0.28	0.14
		736	9.53	8.71	0.10	8.69	0.12	-0.41	0.03	-0.30	-9.27e-04	-0.27	0.10
649	4	717	12.28	4.64	-0.66	4.08	-0.11	-1.62	1.84	0.58	0.65	1.77	0.29
		718	12.21	4.42	-0.99	3.54	-0.11	-2.00	1.71	0.43	0.56	1.57	0.39
		737	16.42	15.20	0.07	15.15	0.12	-0.86	0.32	-0.38	0.11	-0.18	0.32
		736	18.75	17.39	0.08	17.35	0.11	-0.81	0.31	-0.25	0.18	-0.12	0.24
650	1	718	7.52	4.89	-0.16	4.79	-0.06	-0.71	-0.16	-0.89	-0.21	-0.84	0.19
		719	7.57	4.94	-0.23	4.76	-0.05	-0.95	-0.14	-0.94	-0.23	-0.86	0.25
		738	14.04	13.06	0.12	13.02	0.16	-0.69	0.13	-0.46	-5.26e-03	-0.32	0.25
		737	14.58	13.57	0.13	13.54	0.16	-0.57	0.07	-0.42	-6.32e-03	-0.34	0.18
650	2	718	33.78	10.99	-2.30	9.02	-0.33	-4.72	5.05	1.40	1.67	4.78	0.96
		719	32.76	10.18	-3.29	7.21	-0.31	-5.59	4.56	0.98	1.40	4.14	1.15
		738	32.94	30.77	0.01	30.62	0.16	-2.10	0.97	-0.94	0.21	-0.18	0.93
		737	40.43	37.74	0.03	37.63	0.14	-1.95	1.04	-0.60	0.43	8.59e-03	0.79
650	3	718	3.79	2.61	-0.33	2.30	-0.02	-0.90	0.12	-0.21	4.39e-03	-0.09	0.16
		719	4.32	2.54	-0.46	2.10	-0.02	-1.07	0.13	-0.28	-0.02	-0.13	0.19
		738	7.84	7.12	0.07	7.07	0.12	-0.60	0.06	-0.39	-0.04	-0.29	0.18
		737	8.80	8.03	0.08	7.99	0.12	-0.57	0.05	-0.34	-0.02	-0.28	0.14
650	4	718	12.28	4.50	-1.05	3.55	-0.10	-2.09	1.70	0.43	0.56	1.57	0.39
		719	12.20	4.21	-1.48	2.82	-0.09	-2.44	1.54	0.27	0.46	1.35	0.46
		738	13.38	12.37	0.04	12.28	0.12	-1.02	0.30	-0.52	0.03	-0.25	0.38
		737	16.40	15.19	0.05	15.13	0.11	-0.98	0.33	-0.39	0.11	-0.18	0.33
651	1	719	7.55	4.98	-0.27	4.76	-0.05	-1.05	-0.14	-0.94	-0.23	-0.86	0.25
		720	7.82	5.02	-0.36	4.70	-0.04	-1.27	-0.11	-0.98	-0.23	-0.85	0.31
		739	13.30	12.40	0.09	12.33	0.16	-0.95	0.21	-0.50	9.87e-04	-0.29	0.33
		738	14.01	13.07	0.10	13.02	0.16	-0.84	0.13	-0.46	-6.12e-03	-0.33	0.25
651	2	719	32.83	10.33	-3.39	7.23	-0.30	-5.73	4.54	0.98	1.39	4.13	1.14
		720	31.55	9.40	-4.68	5.00	-0.28	-6.53	3.97	0.54	1.08	3.43	1.25
		739	25.79	22.34	-0.09	22.08	0.17	-2.39	0.80	-1.25	-0.05	-0.40	1.01
		738	32.93	30.73	-0.04	30.56	0.13	-2.26	0.99	-0.95	0.22	-0.18	0.95
651	3	719	4.43	2.60	-0.52	2.10	-0.02	-1.15	0.12	-0.28	-0.02	-0.13	0.19
		720	4.91	2.52	-0.68	1.85	-9.88e-03	-1.30	0.12	-0.34	-0.04	-0.17	0.22
		739	6.64	6.02	0.03	5.92	0.12	-0.75	0.07	-0.42	-0.06	-0.30	0.21
		738	7.83	7.13	0.05	7.06	0.12	-0.72	0.06	-0.39	-0.03	-0.29	0.18
651	4	719	12.28	4.30	-1.55	2.83	-0.09	-2.53	1.54	0.27	0.46	1.35	0.46
		720	12.11	3.96	-2.10	1.94	-0.08	-2.86	1.35	0.10	0.35	1.10	0.50
		739	10.54	8.97	-0.03	8.81	0.13	-1.17	0.23	-0.64	-0.07	-0.33	0.42
		738	13.37	12.37	6.06e-03	12.26	0.11	-1.14	0.31	-0.52	0.03	-0.25	0.39
652	1	720	7.94	5.07	-0.41	4.70	-0.04	-1.38	-0.11	-0.98	-0.24	-0.85	0.31
		721	8.53	5.11	-0.49	4.64	-0.02	-1.56	-0.05	-0.97	-0.23	-0.79	0.37
		740	12.52	11.62	0.03	11.50	0.16	-1.21	0.34	-0.52	0.02	-0.20	0.42
		739	13.27	12.43	0.06	12.33	0.16	-1.11	0.21	-0.50	-1.59e-03	-0.29	0.33
652	2	720	31.61	9.57	-4.77	5.04	-0.25	-6.66	3.95	0.53	1.05	3.42	1.23
		721	29.96	8.59	-6.40	2.44	-0.24	-7.38	3.29	0.13	0.73	2.69	1.24
		740	19.81	12.74	-0.37	12.18	0.19	-2.65	0.53	-1.50	-0.36	-0.61	1.01
		739	25.88	22.30	-0.17	22.00	0.12	-2.56	0.84	-1.25	-0.02	-0.39	1.03
652	3	720	5.03	2.59	-0.74	1.85	-7.96e-03	-1.38	0.12	-0.34	-0.05	-0.17	0.22
		721	5.39	2.49	-0.93	1.56	1.61e-03	-1.52	0.12	-0.37	-0.06	-0.19	0.24
		740	6.02	4.75	-0.04	4.58	0.13	-0.89	0.08	-0.45	-0.08	-0.29	0.24
		739	6.68	6.04	-6.47e-03	5.92	0.12	-0.86	0.07	-0.42	-0.05	-0.30	0.21
652	4	720	12.19	4.06	-2.17	1.95	-0.07	-2.95	1.34	0.09	0.34	1.10	0.49
		721	11.86	3.70	-2.86	0.91	-0.07	-3.24	1.12	-0.05	0.22	0.84	0.50



		740	8.40	5.13	-0.21	4.78	0.14	-1.31	0.14	-0.73	-0.19	-0.41	0.42
		739	10.63	8.97	-0.08	8.78	0.11	-1.30	0.25	-0.64	-0.06	-0.33	0.42
653	1	721	8.65	5.17	-0.57	4.63	-0.03	-1.68	-0.05	-0.97	-0.23	-0.79	0.36
		722	9.08	5.23	-0.57	4.61	0.05	-1.79	0.06	-0.89	-0.20	-0.63	0.42
		741	12.86	10.74	-0.05	10.54	0.15	-1.44	0.58	-0.50	0.08	-3.47e-04	0.54
653	2	740	12.69	11.66	0.02	11.50	0.18	-1.36	0.34	-0.54	0.01	-0.22	0.42
		721	29.98	8.78	-6.45	2.50	-0.17	-7.49	3.25	0.09	0.67	2.66	1.22
		722	27.89	7.82	-8.52	-0.40	-0.30	-8.17	2.54	-0.18	0.38	1.98	1.10
		741	15.55	3.58	-2.29	1.06	0.23	-2.90	0.20	-1.66	-0.70	-0.75	0.93
		740	19.91	12.71	-0.55	12.07	0.10	-2.85	0.61	-1.48	-0.27	-0.59	1.03
653	3	721	5.52	2.57	-1.00	1.57	3.22e-03	-1.60	0.11	-0.38	-0.07	-0.19	0.24
		722	5.69	2.46	-1.18	1.26	0.02	-1.71	0.13	-0.37	-0.08	-0.17	0.24
		741	5.61	3.37	-0.19	3.05	0.13	-1.01	0.13	-0.44	-0.09	-0.22	0.28
		740	6.15	4.79	-0.09	4.57	0.12	-1.01	0.09	-0.45	-0.07	-0.29	0.25
653	4	721	11.93	3.81	-2.91	0.94	-0.04	-3.32	1.10	-0.07	0.20	0.83	0.49
		722	11.37	3.45	-3.76	-0.22	-0.08	-3.60	0.86	-0.16	0.09	0.61	0.44
		741	7.10	1.65	-1.25	0.24	0.15	-1.45	0.02	-0.78	-0.32	-0.44	0.40
		740	8.53	5.15	-0.32	4.74	0.10	-1.45	0.17	-0.72	-0.16	-0.40	0.43
654	1	722	9.32	5.27	-0.72	4.54	0.01	-1.96	0.04	-0.89	-0.23	-0.62	0.42
		723	9.14	5.36	-0.57	4.66	0.13	-1.91	0.26	-0.68	-0.07	-0.35	0.45
		742	14.05	9.68	-0.22	9.40	0.06	-1.64	1.03	-0.36	0.19	0.47	0.68
		741	13.06	10.86	0.03	10.64	0.25	-1.53	0.57	-0.54	0.07	-0.04	0.56
654	2	722	27.54	8.00	-8.28	-0.26	-0.02	-8.14	2.46	-0.26	0.29	1.91	1.09
		723	25.54	7.19	-11.34	-3.33	-0.81	-9.18	1.72	-0.39	1.93e-04	1.33	0.81
		742	16.14	1.39	-11.90	-11.04	0.53	-3.27	0.03	-1.61	-0.98	-0.60	0.80
		741	15.86	3.64	-2.88	0.84	-0.08	-3.23	0.36	-1.53	-0.49	-0.68	0.94
654	3	722	5.84	2.54	-1.25	1.25	0.04	-1.80	0.11	-0.38	-0.10	-0.17	0.24
		723	5.68	2.44	-1.46	0.98	-3.51e-03	-1.89	0.15	-0.29	-0.06	-0.09	0.22
		742	5.57	2.02	-0.56	1.33	0.13	-1.14	0.28	-0.37	-0.07	-0.01	0.32
		741	5.78	3.45	-0.25	3.06	0.13	-1.13	0.15	-0.45	-0.07	-0.23	0.29
654	4	722	11.32	3.56	-3.70	-0.17	0.03	-3.63	0.83	-0.19	0.06	0.58	0.44
		723	10.68	3.24	-4.91	-1.39	-0.28	-4.04	0.58	-0.21	-0.03	0.41	0.33
		742	7.59	0.75	-5.21	-4.73	0.27	-1.63	-0.02	-0.73	-0.42	-0.33	0.36
		741	7.34	1.73	-1.54	0.16	0.03	-1.63	0.09	-0.74	-0.23	-0.42	0.40
655	1	723	9.63	5.30	-0.73	4.50	0.07	-2.05	0.24	-0.71	-0.14	-0.33	0.47
		724	8.44	4.78	-0.38	4.14	0.26	-1.70	0.58	-0.44	0.21	-0.07	0.49
		743	15.57	8.94	-0.81	8.85	-0.72	-0.93	1.65	7.12e-03	0.40	1.26	0.70
		742	14.37	10.23	-0.10	9.88	0.25	-1.87	1.13	-0.30	0.31	0.51	0.71
655	2	723	24.96	7.60	-10.25	-2.24	-0.40	-8.88	1.62	-0.48	-0.07	1.21	0.83
		724	20.31	6.55	-13.07	-4.52	-2.00	-9.73	0.84	-0.45	-0.40	0.79	0.25
		743	29.81	2.48	-23.32	-21.52	0.68	-6.57	0.22	-1.37	-1.19	0.05	0.50
		742	18.14	0.95	-14.75	-13.63	-0.18	-4.05	0.10	-1.43	-0.82	-0.51	0.75
655	3	723	5.92	2.52	-1.48	1.01	0.02	-1.94	0.13	-0.33	-0.09	-0.10	0.23
		724	5.11	2.24	-1.66	0.70	-0.12	-1.91	0.19	-0.15	0.02	0.02	0.17
		743	5.94	1.15	-1.40	-0.09	-0.16	-1.27	0.55	-0.19	-0.01	0.38	0.31
		742	5.83	2.15	-0.77	1.25	0.13	-1.34	0.33	-0.32	7.49e-05	9.89e-03	0.32
655	4	723	10.56	3.43	-4.53	-0.98	-0.12	-3.96	0.54	-0.26	-0.07	0.36	0.34
		724	8.70	2.99	-5.64	-1.86	-0.79	-4.28	0.29	-0.18	-0.16	0.27	0.10
		743	12.43	1.11	-9.94	-9.09	0.26	-2.94	0.12	-0.59	-0.48	0.02	0.25
		742	8.46	0.63	-6.34	-5.71	2.45e-03	-1.99	0.02	-0.65	-0.33	-0.29	0.34
656	1	724	10.16	4.50	-0.42	3.82	0.27	-1.71	0.68	-0.71	0.19	-0.22	0.67
		134	13.38	3.44	-1.14	1.96	0.34	-2.14	0.70	-1.12	-0.15	-0.27	0.91
		314	11.00	5.19	-1.32	3.25	0.62	2.98	0.66	-0.64	-0.37	0.38	0.53
		743	16.63	10.40	-1.64	10.35	-1.59	-0.76	2.19	0.93	1.34	1.78	0.59
656	2	724	22.24	7.57	-11.81	-1.79	-2.45	-9.69	1.12	-0.19	-0.06	0.99	0.39
		134	16.80	7.85	-10.05	-1.97	-0.22	-8.91	-0.86	-1.02	-0.89	-0.99	0.06
		314	39.86	5.06	-28.75	-24.42	0.73	-11.29	1.23	-0.70	-0.66	1.20	-0.26
		743	32.41	0.92	-28.59	-26.41	-1.27	-7.73	0.35	-0.74	-0.67	0.28	0.27
656	3	724	6.05	2.31	-1.68	0.81	-0.19	-1.93	0.28	-0.24	0.05	-8.17e-03	0.26
		134	6.74	2.21	-1.89	0.38	-0.05	-2.04	0.14	-0.47	-0.11	-0.23	0.30
		314	5.21	0.34	-2.66	-2.57	0.25	-0.51	0.34	-0.25	-0.21	0.30	0.15
		743	6.23	1.09	-1.74	0.02	-0.68	-1.37	0.78	0.24	0.42	0.60	0.25
656	4	724	9.68	3.38	-5.22	-0.85	-0.99	-4.30	0.42	-0.10	-0.03	0.35	0.18
		134	7.79	3.55	-4.56	-0.79	-0.22	-4.05	-0.31	-0.46	-0.33	-0.44	0.05
		314	17.25	2.03	-12.52	-10.77	0.28	-4.74	0.55	-0.30	-0.30	0.54	-0.09
		743	12.89	0.46	-11.91	-10.87	-0.58	-3.44	0.22	-0.24	-0.18	0.16	0.16
657	1	743	15.26	10.94	-1.75	10.57	-1.38	-2.14	1.04	-0.43	0.60	3.74e-03	0.67
		314	14.50	7.46	-2.88	3.57	1.02	-5.01	0.17	-0.78	-0.37	-0.24	0.47
		331	3.55	0.05	-1.06	-1.05	0.04	-0.08	0.27	-0.36	-0.11	0.02	0.31
		744	11.89	9.28	0.16	9.27	0.17	-0.27	0.68	-0.55	0.18	-0.04	0.60
657	2	743	32.34	-1.63	-29.55	-28.10	-3.08	-6.19	-0.06	-1.34	-1.03	-0.37	0.55
		314	30.15	5.32	-22.40	-22.38	5.31	-0.67	-0.53	-1.33	-1.15	-0.72	-0.34
		331	55.95	-0.70	-48.14	-48.08	-0.76	-1.67	0.10	-1.34	-1.30	0.07	-0.23
		744	37.93	0.29	-29.97	-29.97	0.29	-0.03	0.07	-1.40	-1.29	-0.04	0.39
657	3	743	6.10	1.06	-2.19	-0.14	-0.99	-1.57	0.40	-0.25	0.15	-1.36e-03	0.32
		314	5.34	2.08	-3.08	-2.16	1.16	-1.98	-0.16	-0.39	-0.31	-0.24	0.11
		331	8.65	-0.09	-7.26	-7.25	-0.10	-0.23	0.04	-0.25	-0.23	0.03	0.07



657	4	744	3.16	0.14	-1.15	-1.14	0.12	-0.13	0.22	-0.31	-0.05	-0.03	0.27
		743	12.80	-0.78	-12.31	-11.60	-1.49	-2.77	0.08	-0.53	-0.33	-0.11	0.28
		314	13.40	2.47	-9.89	-9.85	2.43	-0.69	-0.31	-0.61	-0.54	-0.38	-0.13
		331	24.72	-0.32	-21.21	-21.18	-0.34	-0.70	0.05	-0.60	-0.58	0.04	-0.09
658	1	744	15.81	0.16	-12.77	-12.77	0.16	-0.06	0.05	-0.57	-0.49	-0.03	0.21
		742	12.73	9.86	0.07	9.85	0.09	-0.38	0.93	-0.55	0.21	0.16	0.74
		743	14.00	9.14	-0.73	8.94	-0.53	-1.39	0.66	-0.98	-0.06	-0.26	0.82
		744	11.77	9.67	0.13	9.66	0.13	-0.13	0.66	-0.46	0.15	0.05	0.56
658	2	745	14.66	12.76	3.23e-03	12.76	3.43e-03	-0.05	0.62	-0.59	0.07	-0.04	0.60
		742	22.55	1.91	-16.18	-13.74	-0.52	-6.18	0.61	-1.33	-0.65	-0.06	0.93
		743	29.22	2.39	-22.76	-21.73	1.35	-4.99	-0.38	-1.61	-1.39	-0.61	0.48
		744	40.44	-0.18	-32.16	-32.16	-0.18	0.26	0.18	-1.41	-1.32	0.08	0.38
658	3	745	21.41	0.11	-15.13	-15.11	0.09	-0.59	0.36	-1.32	-0.90	-0.06	0.73
		742	5.32	1.65	-0.46	1.22	-0.02	-0.86	0.40	-0.31	0.02	0.07	0.35
		743	5.51	0.98	-1.12	-0.10	-0.04	-1.05	0.19	-0.51	-0.17	-0.15	0.35
		744	3.12	0.03	-1.22	-1.22	0.03	-1.44e-03	0.23	-0.27	-0.07	0.03	0.25
658	4	745	3.77	1.80	0.01	1.79	0.02	-0.10	0.24	-0.33	-0.06	-0.03	0.29
		742	9.71	0.80	-6.78	-5.77	-0.20	-2.58	0.31	-0.54	-0.23	-1.96e-03	0.41
		743	12.17	0.96	-9.63	-9.18	0.52	-2.11	-0.12	-0.70	-0.57	-0.25	0.25
		744	16.88	-0.06	-13.61	-13.61	-0.06	0.11	0.10	-0.57	-0.51	0.04	0.19
659	1	745	8.99	0.05	-6.48	-6.47	0.04	-0.26	0.17	-0.55	-0.35	-0.03	0.32
		741	12.48	10.63	-9.49e-03	10.59	0.04	-0.69	0.72	-0.44	0.14	0.14	0.58
		742	12.66	9.38	-0.02	9.37	-3.57e-03	-0.38	0.84	-0.71	0.07	0.06	0.78
		745	14.88	12.59	0.01	12.59	0.01	-3.23e-03	0.69	-0.51	0.17	0.01	0.59
659	2	746	15.68	14.03	0.02	14.03	0.02	-0.04	0.54	-0.42	0.14	-0.01	0.47
		741	21.45	6.30	-5.55	1.01	-0.26	-5.89	0.97	-1.18	-0.24	0.03	1.07
		742	21.73	3.31	-14.31	-11.33	0.34	-6.60	0.37	-1.50	-0.89	-0.23	0.88
		745	21.83	-0.06	-15.50	-15.50	-0.07	0.25	0.46	-1.20	-0.79	0.05	0.72
659	3	746	10.50	1.86	-0.02	1.74	0.11	-0.47	0.63	-1.11	-0.43	-0.04	0.85
		741	5.67	3.30	-0.26	3.05	-6.67e-03	-0.92	0.35	-0.26	0.03	0.06	0.31
		742	5.47	1.68	-0.38	1.27	0.03	-0.82	0.33	-0.40	-0.07	3.01e-03	0.36
		745	3.39	1.70	4.09e-03	1.70	5.02e-03	0.04	0.28	-0.28	-0.01	0.01	0.28
659	4	746	4.86	4.09	0.02	4.09	0.02	-0.08	0.24	-0.25	3.92e-03	-0.01	0.25
		741	8.97	2.52	-2.40	0.21	-0.09	-2.46	0.42	-0.48	-0.09	0.02	0.45
		742	9.25	1.29	-6.02	-4.86	0.13	-2.67	0.20	-0.64	-0.35	-0.09	0.39
		745	9.17	-0.02	-6.62	-6.62	-0.02	0.12	0.22	-0.50	-0.30	0.02	0.32
660	1	746	4.31	0.54	-0.04	0.45	0.05	-0.21	0.27	-0.46	-0.17	-0.02	0.36
		740	12.43	11.48	-0.02	11.45	0.01	-0.61	0.54	-0.36	0.11	0.08	0.45
		741	12.27	10.52	-7.14e-03	10.50	7.97e-03	-0.40	0.71	-0.48	0.12	0.11	0.60
		746	15.84	14.10	0.03	14.10	0.03	0.02	0.56	-0.40	0.16	-9.85e-04	0.47
660	2	747	16.76	15.56	0.01	15.56	0.01	-0.07	0.43	-0.30	0.13	-1.23e-03	0.36
		740	24.59	14.21	-2.12	12.14	-0.05	-5.43	1.09	-1.16	-0.07	9.48e-03	1.12
		741	21.40	6.24	-5.49	0.86	-0.11	-5.84	0.74	-1.40	-0.53	-0.13	1.05
		746	10.01	2.01	0.02	2.01	0.02	-0.03	0.68	-1.08	-0.43	0.03	0.85
660	3	747	21.05	17.63	0.04	17.63	0.04	-0.25	0.79	-1.00	-0.19	-0.02	0.89
		740	6.12	4.69	-0.14	4.55	4.96e-03	-0.83	0.29	-0.24	0.03	0.03	0.26
		741	5.53	3.18	-0.18	3.00	-5.83e-03	-0.74	0.32	-0.31	-0.01	0.03	0.31
		746	4.96	4.15	0.02	4.15	0.02	0.02	0.26	-0.24	0.02	3.35e-03	0.25
660	4	747	6.82	6.35	0.01	6.35	0.02	-0.07	0.22	-0.20	0.02	-3.17e-03	0.21
		740	10.03	5.65	-0.91	4.75	-0.01	-2.25	0.46	-0.47	-0.03	8.23e-03	0.46
		741	8.82	2.41	-2.31	0.14	-0.04	-2.36	0.33	-0.58	-0.21	-0.04	0.45
		746	4.03	0.56	0.02	0.56	0.02	6.36e-03	0.30	-0.44	-0.16	0.01	0.36
661	1	747	8.39	6.96	0.02	6.96	0.02	-0.12	0.33	-0.41	-0.07	-9.85e-03	0.37
		739	13.04	12.31	-0.01	12.29	8.31e-03	-0.52	0.44	-0.27	0.11	0.06	0.35
		740	12.58	11.46	-3.73e-03	11.45	8.06e-03	-0.37	0.56	-0.36	0.11	0.08	0.46
		747	16.84	15.58	0.03	15.58	0.03	0.04	0.43	-0.30	0.14	-2.28e-03	0.36
661	2	748	17.85	16.85	0.02	16.85	0.02	-0.07	0.35	-0.22	0.13	-3.51e-04	0.28
		739	29.33	23.02	-1.07	22.02	-0.07	-4.80	1.20	-1.04	0.12	0.05	1.12
		740	24.66	13.99	-2.05	12.06	-0.12	-5.21	1.02	-1.26	-0.19	-0.04	1.14
		747	20.99	17.83	0.06	17.83	0.06	-0.09	0.84	-0.97	-0.14	0.01	0.90
661	3	748	33.52	31.78	0.02	31.78	0.03	-0.19	0.93	-0.86	0.08	-0.01	0.89
		739	6.77	5.98	-0.09	5.89	8.89e-04	-0.72	0.27	-0.20	0.04	0.03	0.23
		740	6.00	4.63	-0.10	4.54	-5.85e-03	-0.66	0.29	-0.25	0.02	0.03	0.27
		747	6.93	6.38	0.02	6.38	0.02	0.02	0.23	-0.20	0.03	6.57e-04	0.21
661	4	748	8.79	8.31	0.01	8.31	0.02	-0.06	0.21	-0.16	0.05	-1.24e-03	0.19
		739	11.87	9.20	-0.45	8.78	-0.02	-1.99	0.49	-0.43	0.05	0.02	0.46
		740	9.96	5.51	-0.83	4.72	-0.04	-2.09	0.43	-0.52	-0.07	-0.01	0.47
		747	8.33	7.04	0.03	7.04	0.03	-0.02	0.35	-0.40	-0.05	5.08e-03	0.37
662	1	748	13.44	12.73	0.02	12.73	0.02	-0.10	0.38	-0.35	0.03	-4.17e-03	0.37
		738	13.63	12.99	-7.25e-03	12.98	7.20e-03	-0.43	0.35	-0.19	0.11	0.05	0.27
		739	13.14	12.29	-1.83e-03	12.28	5.48e-03	-0.30	0.44	-0.27	0.11	0.06	0.36
		748	17.89	16.87	0.03	16.87	0.03	0.05	0.35	-0.22	0.13	-1.64e-03	0.28
662	2	749	18.80	17.92	0.02	17.92	0.02	-0.07	0.29	-0.16	0.13	-6.87e-04	0.22
		738	34.08	31.10	-0.63	30.57	-0.10	-4.08	1.25	-0.84	0.31	0.10	1.04
		739	29.29	22.89	-1.02	21.98	-0.12	-4.56	1.19	-1.08	0.08	0.03	1.13
		748	33.82	31.94	0.06	31.94	0.06	-0.08	0.95	-0.84	0.11	3.85e-03	0.90
		749	46.67	43.99	0.03	43.99	0.03	-0.16	1.00	-0.68	0.32	-5.96e-03	0.83



662	3	738	7.42	7.09	-0.05	7.03	-1.50e-03	-0.61	0.24	-0.15	0.06	0.03	0.20
		739	6.66	5.94	-0.06	5.88	-5.42e-03	-0.56	0.27	-0.20	0.04	0.02	0.23
		748	8.85	8.33	0.02	8.33	0.02	0.03	0.21	-0.16	0.05	-1.05e-04	0.18
		749	10.50	9.98	0.02	9.98	0.02	-0.06	0.19	-0.13	0.07	-8.41e-04	0.16
662	4	738	13.76	12.48	-0.26	12.25	-0.03	-1.69	0.51	-0.34	0.12	0.04	0.42
		739	11.77	9.12	-0.40	8.76	-0.04	-1.82	0.49	-0.44	0.03	0.01	0.47
		748	13.59	12.80	0.03	12.80	0.03	-0.01	0.39	-0.34	0.05	1.52e-03	0.37
		749	18.76	17.70	0.02	17.70	0.02	-0.09	0.41	-0.28	0.13	-2.40e-03	0.34
663	1	737	14.11	13.51	-3.09e-03	13.50	5.53e-03	-0.34	0.28	-0.12	0.11	0.05	0.20
		738	13.70	12.98	7.43e-04	12.97	4.40e-03	-0.22	0.36	-0.19	0.11	0.06	0.27
		749	18.83	17.93	0.03	17.93	0.03	0.05	0.29	-0.16	0.13	-1.25e-03	0.21
		750	19.56	18.73	0.02	18.73	0.02	-0.07	0.23	-0.11	0.13	-8.57e-04	0.16
663	2	737	40.25	37.92	-0.40	37.63	-0.11	-3.30	1.20	-0.57	0.48	0.15	0.87
		738	33.98	31.01	-0.59	30.54	-0.12	-3.85	1.24	-0.85	0.29	0.09	1.04
		749	46.86	44.12	0.06	44.12	0.06	-0.06	1.01	-0.67	0.34	-2.49e-04	0.82
		750	57.61	54.09	0.03	54.09	0.03	-0.14	1.00	-0.48	0.52	-5.03e-03	0.69
663	3	737	8.38	7.99	-0.03	7.96	-3.16e-03	-0.50	0.21	-0.10	0.08	0.03	0.16
		738	7.43	7.06	-0.03	7.03	-5.36e-03	-0.45	0.24	-0.16	0.06	0.03	0.20
		749	10.54	9.99	0.02	9.99	0.02	0.03	0.19	-0.12	0.07	-4.09e-04	0.16
		750	11.91	11.33	0.02	11.33	0.02	-0.06	0.18	-0.09	0.09	-7.71e-04	0.12
663	4	737	16.12	15.24	-0.16	15.11	-0.04	-1.37	0.48	-0.24	0.19	0.06	0.35
		738	13.66	12.42	-0.23	12.23	-0.04	-1.53	0.51	-0.35	0.12	0.04	0.43
		749	18.85	17.75	0.03	17.75	0.03	-5.18e-03	0.41	-0.28	0.13	-1.12e-04	0.34
		750	23.18	21.80	0.02	21.80	0.02	-0.08	0.40	-0.20	0.20	-2.01e-03	0.28
664	1	736	14.42	13.84	-4.37e-04	13.84	3.80e-03	-0.24	0.21	-0.05	0.12	0.05	0.13
		737	14.15	13.50	2.32e-03	13.50	3.52e-03	-0.13	0.28	-0.12	0.11	0.05	0.20
		750	19.59	18.74	0.03	18.74	0.03	0.05	0.23	-0.10	0.13	-1.08e-03	0.15
		751	20.08	19.27	0.02	19.27	0.02	-0.07	0.19	-0.06	0.13	-9.14e-04	0.10
664	2	736	46.30	43.24	-0.26	43.10	-0.12	-2.47	1.07	-0.27	0.61	0.19	0.63
		737	40.24	37.86	-0.37	37.61	-0.13	-3.07	1.20	-0.58	0.47	0.15	0.87
		750	57.75	54.19	0.06	54.19	0.06	-0.04	1.00	-0.48	0.52	-2.47e-03	0.69
		751	66.12	61.94	0.04	61.94	0.04	-0.12	0.94	-0.28	0.66	-5.08e-03	0.51
664	3	736	9.13	8.68	-0.02	8.66	-4.47e-03	-0.38	0.18	-0.05	0.09	0.03	0.11
		737	8.40	7.97	-0.02	7.96	-5.63e-03	-0.34	0.21	-0.11	0.08	0.03	0.16
		750	11.94	11.34	0.02	11.34	0.02	0.03	0.17	-0.09	0.09	-5.76e-04	0.12
		751	12.98	12.35	0.02	12.35	0.02	-0.05	0.15	-0.05	0.10	-7.81e-04	0.09
664	4	736	18.57	17.40	-0.10	17.33	-0.04	-1.04	0.43	-0.12	0.24	0.08	0.26
		737	16.13	15.20	-0.14	15.10	-0.04	-1.21	0.49	-0.24	0.18	0.06	0.36
		750	23.25	21.85	0.03	21.85	0.03	3.12e-03	0.40	-0.20	0.20	-9.86e-04	0.28
		751	26.62	25.00	0.02	25.00	0.02	-0.07	0.38	-0.12	0.26	-2.02e-03	0.21
665	1	735	14.55	13.97	9.00e-04	13.97	2.22e-03	-0.14	0.15	0.01	0.12	0.05	0.06
		736	14.45	13.84	2.54e-03	13.84	2.60e-03	-0.03	0.22	-0.05	0.12	0.05	0.13
		751	20.10	19.28	0.03	19.28	0.03	0.06	0.19	-0.05	0.13	-1.01e-03	0.10
		752	20.33	19.53	0.02	19.53	0.02	-0.06	0.15	-0.02	0.13	-9.30e-04	0.05
665	2	735	50.47	46.92	-0.19	46.86	-0.13	-1.60	0.88	0.03	0.69	0.22	0.35
		736	46.30	43.20	-0.25	43.08	-0.13	-2.25	1.07	-0.27	0.61	0.19	0.64
		751	66.21	62.02	0.06	62.02	0.06	-0.02	0.94	-0.27	0.67	-3.84e-03	0.50
		752	72.03	67.41	0.04	67.41	0.04	-0.09	0.86	-0.10	0.76	-5.25e-03	0.28
665	3	735	9.63	9.13	-0.01	9.13	-5.56e-03	-0.26	0.14	-2.77e-03	0.10	0.04	0.06
		736	9.14	8.67	-0.01	8.66	-6.05e-03	-0.22	0.18	-0.05	0.09	0.03	0.11
		751	13.00	12.37	0.02	12.37	0.02	0.03	0.15	-0.05	0.10	-6.85e-04	0.09
		752	13.71	13.05	0.02	13.05	0.02	-0.05	0.13	-0.02	0.11	-7.99e-04	0.05
665	4	735	20.27	18.90	-0.07	18.87	-0.05	-0.69	0.35	2.27e-03	0.27	0.09	0.15
		736	18.58	17.37	-0.09	17.33	-0.05	-0.88	0.43	-0.12	0.24	0.08	0.26
		751	26.67	25.03	0.03	25.03	0.03	0.01	0.37	-0.12	0.26	-1.52e-03	0.21
		752	29.03	27.23	0.02	27.23	0.02	-0.06	0.34	-0.04	0.30	-2.08e-03	0.12
666	1	734	14.47	13.88	7.80e-04	13.88	8.18e-04	-0.02	0.12	0.05	0.12	0.05	-5.34e-03
		735	14.57	13.97	1.28e-03	13.97	1.71e-03	0.08	0.16	0.01	0.12	0.05	0.06
		752	20.34	19.53	0.02	19.53	0.03	0.06	0.15	-0.02	0.13	-9.81e-04	0.05
		753	20.28	19.48	0.02	19.48	0.02	-0.06	0.14	-9.52e-04	0.14	-9.28e-04	-1.83e-03
666	2	734	52.66	48.85	-0.15	48.84	-0.14	-0.69	0.74	0.22	0.74	0.23	0.04
		735	50.46	46.89	-0.18	46.85	-0.14	-1.38	0.88	0.03	0.69	0.22	0.36
		752	72.09	67.47	0.06	67.47	0.06	3.45e-04	0.85	-0.10	0.76	-4.72e-03	0.28
		753	75.22	70.39	0.05	70.39	0.05	-0.07	0.81	-7.28e-03	0.81	-5.22e-03	0.04
666	3	734	9.86	9.34	-8.42e-03	9.34	-6.53e-03	-0.13	0.11	0.03	0.10	0.04	0.01
		735	9.63	9.13	-7.62e-03	9.13	-6.51e-03	-0.10	0.14	-4.64e-03	0.10	0.04	0.06
		752	13.72	13.05	0.02	13.05	0.02	0.04	0.13	-0.02	0.11	-7.57e-04	0.05
		753	14.08	13.39	0.02	13.39	0.02	-0.05	0.12	-1.90e-03	0.12	-7.98e-04	0.01
666	4	734	21.18	19.71	-0.05	19.70	-0.05	-0.33	0.29	0.09	0.29	0.09	0.03
		735	20.27	18.88	-0.06	18.87	-0.05	-0.53	0.36	5.32e-05	0.27	0.09	0.15
		752	29.06	27.26	0.03	27.26	0.03	0.02	0.34	-0.04	0.30	-1.86e-03	0.12
		753	30.35	28.47	0.03	28.47	0.03	-0.05	0.32	-3.89e-03	0.31	-2.07e-03	0.02
667	1	733	14.16	13.56	-1.10e-03	13.56	-4.23e-04	0.10	0.16	3.79e-03	0.12	0.04	-0.07
		734	14.48	13.89	-1.66e-03	13.89	9.58e-04	0.19	0.12	0.05	0.12	0.05	-2.36e-03
		753	20.28	19.48	0.02	19.48	0.02	0.06	0.14	-1.07e-03	0.14	-9.62e-04	-3.76e-03
		754	19.91	19.11	0.03	19.11	0.03	-0.06	0.15	-0.02	0.13	-9.14e-04	-0.05
667	2	733	52.79	48.96	-0.15	48.96	-0.14	0.25	0.84	0.11	0.73	0.22	-0.27



		734	52.65	48.84	-0.15	48.84	-0.14	-0.47	0.74	0.22	0.74	0.23	0.05
		753	75.25	70.42	0.05	70.42	0.05	0.02	0.81	-6.78e-03	0.81	-5.22e-03	0.04
		754	75.58	70.78	0.05	70.78	0.05	-0.04	0.85	-0.05	0.80	-4.85e-03	-0.20
667	3	733	9.83	9.30	-7.41e-03	9.30	-7.41e-03	-2.95e-03	0.12	0.02	0.10	0.04	-0.04
		734	9.86	9.34	-7.01e-03	9.34	-6.94e-03	0.03	0.11	0.03	0.10	0.04	0.01
		753	14.08	13.39	0.02	13.39	0.02	0.04	0.12	-1.63e-03	0.12	-8.01e-04	9.85e-03
		754	14.06	13.37	0.02	13.37	0.02	-0.04	0.12	-7.43e-03	0.12	-7.67e-04	-0.03
667	4	733	21.28	19.79	-0.05	19.79	-0.05	0.04	0.32	0.05	0.28	0.09	-0.10
		734	21.17	19.70	-0.05	19.70	-0.05	-0.17	0.29	0.09	0.29	0.09	0.03
		753	30.37	28.49	0.03	28.49	0.03	0.03	0.32	-3.52e-03	0.31	-2.06e-03	0.02
		754	30.56	28.68	0.03	28.68	0.03	-0.04	0.33	-0.02	0.31	-1.93e-03	-0.07
668	1	732	13.61	13.00	-5.21e-03	13.00	-1.54e-03	0.22	0.22	-0.06	0.12	0.04	-0.13
		733	14.15	13.57	-6.64e-03	13.57	4.06e-04	0.31	0.16	6.44e-03	0.12	0.04	-0.07
		754	19.91	19.10	0.02	19.10	0.02	0.06	0.15	-0.02	0.13	-9.46e-04	-0.05
		755	19.21	18.40	0.03	18.40	0.03	-0.05	0.19	-0.06	0.13	-8.88e-04	-0.10
668	2	732	50.79	47.20	-0.18	47.17	-0.15	1.22	1.03	-0.17	0.67	0.20	-0.55
		733	52.78	48.97	-0.15	48.96	-0.15	0.47	0.84	0.11	0.73	0.22	-0.26
		754	75.58	70.78	0.05	70.78	0.05	0.05	0.85	-0.06	0.80	-5.42e-03	-0.21
		755	73.01	68.51	0.06	68.51	0.06	-0.02	0.93	-0.21	0.73	-4.02e-03	-0.43
668	3	732	9.51	9.00	-0.01	9.00	-8.23e-03	0.13	0.16	-0.03	0.10	0.03	-0.09
		733	9.82	9.30	-9.86e-03	9.30	-7.27e-03	0.16	0.12	0.02	0.10	0.04	-0.04
		754	14.06	13.37	0.02	13.37	0.02	0.04	0.12	-8.19e-03	0.12	-8.18e-04	-0.03
		755	13.66	12.99	0.02	12.99	0.02	-0.04	0.14	-0.03	0.11	-6.94e-04	-0.07
668	4	732	20.53	19.13	-0.06	19.12	-0.05	0.43	0.40	-0.06	0.26	0.08	-0.21
		733	21.27	19.79	-0.05	19.79	-0.05	0.20	0.32	0.05	0.28	0.09	-0.09
		754	30.55	28.69	0.03	28.69	0.03	0.04	0.33	-0.02	0.31	-2.14e-03	-0.08
		755	29.60	27.84	0.03	27.84	0.03	-0.03	0.36	-0.08	0.29	-1.62e-03	-0.17
669	1	731	12.81	12.19	-0.01	12.19	-2.60e-03	0.35	0.27	-0.12	0.11	0.04	-0.19
		732	13.59	13.02	-0.01	13.00	1.39e-04	0.43	0.21	-0.05	0.12	0.04	-0.13
		755	19.19	18.39	0.02	18.39	0.02	0.07	0.19	-0.06	0.13	-9.31e-04	-0.10
		756	18.15	17.33	0.03	17.33	0.03	-0.05	0.22	-0.10	0.13	-8.48e-04	-0.15
669	2	731	46.56	43.52	-0.26	43.41	-0.15	2.19	1.17	-0.47	0.55	0.15	-0.80
		732	50.78	47.21	-0.19	47.17	-0.15	1.44	1.03	-0.17	0.67	0.20	-0.55
		755	72.97	68.48	0.05	68.48	0.05	0.07	0.93	-0.21	0.73	-5.43e-03	-0.44
		756	67.44	63.52	0.06	63.52	0.06	0.01	1.00	-0.39	0.61	-2.55e-03	-0.63
669	3	731	8.91	8.43	-0.02	8.42	-9.03e-03	0.27	0.19	-0.08	0.09	0.03	-0.13
		732	9.50	9.01	-0.02	9.00	-7.43e-03	0.29	0.16	-0.02	0.10	0.03	-0.09
		755	13.65	12.99	0.02	12.99	0.02	0.05	0.14	-0.03	0.11	-8.21e-04	-0.07
		756	12.86	12.23	0.02	12.23	0.02	-0.04	0.16	-0.07	0.10	-5.63e-04	-0.10
669	4	731	18.91	17.71	-0.09	17.67	-0.05	0.81	0.46	-0.18	0.22	0.06	-0.31
		732	20.52	19.14	-0.07	19.12	-0.05	0.59	0.40	-0.06	0.26	0.08	-0.21
		755	29.58	27.83	0.03	27.83	0.03	0.05	0.36	-0.08	0.29	-2.15e-03	-0.17
		756	27.46	25.92	0.03	25.92	0.03	-0.02	0.39	-0.15	0.24	-1.07e-03	-0.24
670	1	730	11.76	11.14	-0.02	11.12	-3.72e-03	0.47	0.33	-0.18	0.10	0.04	-0.25
		731	12.78	12.22	-0.03	12.19	2.88e-04	0.56	0.27	-0.11	0.11	0.04	-0.19
		756	18.13	17.32	0.02	17.32	0.02	0.07	0.23	-0.10	0.13	-9.26e-04	-0.15
		757	16.75	15.91	0.03	15.91	0.03	-0.05	0.26	-0.15	0.12	-7.84e-04	-0.20
670	2	730	40.03	37.94	-0.42	37.68	-0.16	3.17	1.22	-0.74	0.38	0.09	-0.97
		731	46.56	43.55	-0.28	43.42	-0.15	2.42	1.17	-0.46	0.56	0.16	-0.79
		756	67.36	63.47	0.04	63.47	0.04	0.10	1.00	-0.40	0.60	-5.59e-03	-0.63
		757	58.83	55.80	0.06	55.80	0.06	0.04	1.00	-0.58	0.42	4.44e-05	-0.76
670	3	730	8.00	7.59	-0.03	7.57	-9.92e-03	0.40	0.22	-0.12	0.07	0.03	-0.17
		731	8.89	8.44	-0.03	8.42	-7.28e-03	0.42	0.19	-0.07	0.09	0.03	-0.13
		756	12.84	12.22	0.02	12.22	0.02	0.05	0.16	-0.07	0.10	-8.42e-04	-0.10
		757	11.65	11.09	0.02	11.09	0.02	-0.03	0.18	-0.10	0.08	-3.29e-04	-0.13
670	4	730	16.38	15.53	-0.15	15.44	-0.06	1.20	0.48	-0.29	0.15	0.04	-0.38
		731	18.90	17.73	-0.10	17.68	-0.05	0.97	0.46	-0.18	0.22	0.06	-0.31
		756	27.42	25.90	0.02	25.90	0.02	0.06	0.39	-0.16	0.24	-2.22e-03	-0.25
		757	24.12	22.91	0.03	22.91	0.03	-7.64e-03	0.40	-0.23	0.17	-8.38e-05	-0.30
671	1	729	10.47	9.83	-0.04	9.80	-4.93e-03	0.60	0.38	-0.24	0.10	0.05	-0.31
		730	11.71	11.17	-0.04	11.13	1.06e-03	0.69	0.32	-0.18	0.11	0.04	-0.25
		757	16.71	15.90	0.02	15.89	0.02	0.07	0.27	-0.15	0.12	-9.78e-04	-0.20
		758	15.01	14.12	0.03	14.12	0.03	-0.04	0.31	-0.20	0.11	-6.56e-04	-0.25
671	2	729	34.31	30.52	-0.72	29.96	-0.16	4.14	1.14	-0.96	0.15	0.02	-1.05
		730	40.08	37.99	-0.44	37.69	-0.14	3.40	1.22	-0.72	0.40	0.10	-0.96
		757	58.68	55.71	0.04	55.71	0.04	0.13	0.99	-0.59	0.41	-6.93e-03	-0.76
		758	47.20	45.34	0.06	45.34	0.06	0.06	0.93	-0.74	0.19	5.07e-03	-0.83
671	3	729	6.93	6.49	-0.06	6.45	-0.01	0.54	0.24	-0.17	0.05	0.02	-0.20
		730	7.98	7.62	-0.05	7.58	-6.51e-03	0.56	0.22	-0.12	0.07	0.03	-0.17
		757	11.62	11.08	0.02	11.08	0.02	0.06	0.18	-0.10	0.08	-9.87e-04	-0.13
		758	10.05	9.56	0.02	9.56	0.02	-0.03	0.19	-0.13	0.06	1.36e-04	-0.16
671	4	729	14.04	12.62	-0.26	12.42	-0.06	1.59	0.46	-0.38	0.07	0.01	-0.42
		730	16.39	15.57	-0.17	15.45	-0.05	1.37	0.49	-0.28	0.16	0.04	-0.38
		757	24.05	22.87	0.02	22.87	0.02	0.07	0.40	-0.23	0.17	-2.75e-03	-0.30
		758	19.59	18.81	0.03	18.81	0.03	1.25e-03	0.38	-0.29	0.08	1.83e-03	-0.33
672	1	728	9.47	8.29	-0.07	8.23	-5.12e-03	0.73	0.45	-0.31	0.08	0.05	-0.38
		729	10.44	9.87	-0.07	9.81	2.45e-03	0.82	0.38	-0.24	0.10	0.05	-0.31



		758	14.95	14.10	0.02	14.10	0.02	0.08	0.31	-0.20	0.11	-1.32e-03	-0.25
		759	12.98	11.97	0.03	11.97	0.03	-0.04	0.36	-0.25	0.11	-2.01e-04	-0.30
672	2	728	28.62	21.49	-1.37	20.29	-0.17	5.09	0.91	-1.13	-0.14	-0.07	-1.02
		729	34.26	30.61	-0.74	29.99	-0.12	4.37	1.16	-0.92	0.21	0.04	-1.04
		758	46.92	45.22	0.04	45.22	0.05	0.16	0.90	-0.76	0.16	-0.01	-0.82
		759	33.91	32.23	0.05	32.23	0.05	0.06	0.78	-0.86	-0.09	0.02	-0.82
672	3	728	6.14	5.14	-0.10	5.05	-0.01	0.68	0.25	-0.21	0.02	0.02	-0.23
		729	7.02	6.53	-0.08	6.45	-4.68e-03	0.70	0.24	-0.16	0.06	0.02	-0.20
		758	10.00	9.54	0.02	9.54	0.02	0.06	0.19	-0.14	0.06	-1.60e-03	-0.16
		759	8.08	7.64	0.02	7.64	0.02	-0.03	0.20	-0.17	0.04	1.22e-03	-0.18
672	4	728	11.81	9.05	-0.49	8.63	-0.06	1.97	0.39	-0.45	-0.05	-0.02	-0.42
		729	14.08	12.68	-0.28	12.44	-0.04	1.75	0.47	-0.36	0.09	0.02	-0.42
		758	19.47	18.76	0.02	18.76	0.03	0.09	0.37	-0.30	0.07	-4.86e-03	-0.33
		759	14.23	13.65	0.03	13.65	0.03	3.08e-03	0.33	-0.35	-0.02	5.98e-03	-0.34
673	1	727	8.91	6.53	-0.11	6.42	1.12e-03	0.84	0.54	-0.40	0.07	0.07	-0.47
		728	9.64	8.35	-0.11	8.24	2.32e-03	0.95	0.45	-0.30	0.09	0.06	-0.38
		759	12.89	11.94	0.02	11.93	0.02	0.08	0.35	-0.26	0.10	-3.34e-03	-0.30
		760	10.81	9.46	0.03	9.46	0.03	-0.04	0.43	-0.33	0.10	2.15e-03	-0.37
673	2	727	22.69	11.79	-3.24	8.68	-0.13	6.08	0.53	-1.26	-0.53	-0.20	-0.87
		728	28.38	21.65	-1.40	20.37	-0.12	5.27	1.01	-1.02	-3.23e-03	-2.26e-03	-1.01
		759	33.91	32.06	0.08	32.06	0.08	0.25	0.72	-0.89	-0.14	-0.03	-0.80
		760	20.71	16.57	8.78e-03	16.57	8.84e-03	-0.03	0.55	-0.96	-0.44	0.04	-0.72
673	3	727	5.42	3.57	-0.19	3.38	-7.23e-03	0.81	0.26	-0.26	-0.02	0.02	-0.26
		728	6.24	5.20	-0.14	5.06	-4.66e-03	0.84	0.26	-0.20	0.04	0.03	-0.23
		759	8.00	7.62	0.02	7.62	0.02	0.07	0.20	-0.17	0.03	-3.81e-03	-0.18
		760	5.82	5.35	0.02	5.35	0.02	-0.03	0.21	-0.20	8.23e-03	4.01e-03	-0.21
673	4	727	9.50	5.13	-1.13	4.05	-0.05	2.37	0.26	-0.51	-0.19	-0.06	-0.38
		728	11.79	9.15	-0.53	8.66	-0.04	2.12	0.43	-0.41	8.88e-03	7.58e-03	-0.42
		759	14.24	13.58	0.04	13.58	0.04	0.12	0.31	-0.36	-0.04	-0.01	-0.33
		760	9.00	7.46	0.01	7.46	0.01	-0.03	0.25	-0.39	-0.15	0.01	-0.31
674	1	726	8.88	4.59	-0.18	4.39	0.02	0.96	0.61	-0.56	0.02	0.03	-0.59
		727	9.14	6.61	-0.18	6.44	-8.26e-03	1.06	0.58	-0.36	0.10	0.11	-0.47
		760	10.75	9.43	0.02	9.43	0.03	0.09	0.43	-0.34	0.10	-0.01	-0.38
		761	8.50	6.64	0.02	6.64	0.02	-0.03	0.49	-0.41	0.07	9.89e-03	-0.45
674	2	726	18.98	5.78	-9.74	-4.39	0.42	7.38	4.09e-03	-1.30	-0.93	-0.36	-0.58
		727	22.43	11.64	-3.38	8.71	-0.44	5.96	0.83	-1.03	-0.22	0.02	-0.92
		760	20.43	16.44	0.13	16.43	0.15	0.54	0.54	-0.97	-0.39	-0.04	-0.73
		761	9.61	7.77e-03	-1.99	-1.92	-0.06	-0.36	0.24	-1.16	-0.96	0.04	-0.49
674	3	726	5.05	1.97	-0.45	1.48	0.04	0.98	0.25	-0.33	-0.07	-0.01	-0.29
		727	5.56	3.64	-0.28	3.39	-0.04	0.95	0.30	-0.23	0.03	0.05	-0.26
		760	5.78	5.33	0.03	5.33	0.03	0.10	0.21	-0.21	0.01	-8.93e-03	-0.21
		761	3.72	2.68	8.51e-03	2.67	9.80e-03	-0.06	0.21	-0.25	-0.04	7.54e-03	-0.23
674	4	726	8.05	2.47	-3.43	-1.12	0.16	2.88	0.07	-0.55	-0.35	-0.13	-0.29
		727	9.50	5.15	-1.25	4.06	-0.16	2.40	0.38	-0.42	-0.07	0.02	-0.40
		760	8.92	7.41	0.06	7.40	0.06	0.23	0.25	-0.40	-0.13	-0.02	-0.32
		761	3.38	0.24	-0.11	0.14	-0.01	-0.15	0.13	-0.47	-0.35	0.02	-0.24
675	1	725	8.07	2.89	-0.52	2.39	-0.02	1.20	0.33	-0.74	-0.13	-0.28	-0.53
		726	9.03	4.66	-0.30	4.39	-0.03	1.12	0.70	-0.47	0.11	0.11	-0.59
		761	8.42	6.68	0.02	6.68	0.02	0.09	0.47	-0.47	0.04	-0.03	-0.47
		762	5.43	3.23	0.04	3.23	0.04	0.01	0.35	-0.40	-0.08	0.04	-0.37
675	2	725	26.37	3.15	-17.70	-16.72	2.17	4.42	-0.94	-1.66	-1.56	-1.05	0.26
		726	19.89	3.51	-12.36	-8.09	-0.76	7.04	0.25	-1.33	-0.87	-0.21	-0.72
		761	8.65	0.30	-1.72	-1.52	0.10	0.60	0.21	-1.23	-0.97	-0.04	-0.55
		762	30.33	-0.29	-18.62	-18.61	-0.30	-0.38	0.08	-1.96	-1.94	0.06	0.20
675	3	725	3.87	0.79	-1.00	-0.38	0.17	0.85	0.03	-0.40	-0.18	-0.18	-0.22
		726	5.18	1.79	-0.68	1.18	-0.07	1.07	0.31	-0.29	-0.02	0.04	-0.30
		761	4.02	2.73	0.02	2.72	0.02	0.10	0.20	-0.28	-0.06	-0.02	-0.24
		762	2.07	0.01	-0.14	-0.13	-1.08e-03	-0.04	0.10	-0.26	-0.18	0.02	-0.15
675	4	725	9.52	1.26	-6.49	-6.04	0.82	1.80	-0.41	-0.60	-0.60	-0.41	0.02
		726	8.43	1.63	-4.44	-2.52	-0.29	2.82	0.18	-0.55	-0.31	-0.06	-0.34
		761	3.96	0.45	-0.11	0.30	0.05	0.25	0.12	-0.50	-0.36	-0.02	-0.26
		762	11.02	-0.10	-6.60	-6.60	-0.10	-0.16	0.03	-0.73	-0.73	0.03	0.02
676	1	12	4.78	2.44	-1.24	-0.01	1.22	1.73	-0.21	-0.39	-0.26	-0.34	-0.08
		725	8.10	3.35	-1.59	2.62	-0.86	1.75	0.47	-0.51	0.13	-0.17	-0.47
		762	5.46	3.06	0.13	3.05	0.13	0.15	0.33	-0.44	-0.08	-0.02	-0.39
		29	4.12	-0.14	-2.56	-2.55	-0.15	0.14	0.04	-0.27	-0.26	0.03	-0.05
676	2	12	26.71	5.23	-14.42	-12.44	3.26	-5.91	0.91	-1.72	-0.57	-0.24	1.31
		725	37.36	0.33	-26.83	-25.95	-0.56	4.83	-1.19	-2.26	-2.16	-1.29	0.31
		762	28.57	-0.04	-15.96	-15.95	-0.05	-0.38	0.13	-2.08	-2.04	0.10	0.28
		29	31.00	-0.53	-22.66	-22.53	-0.66	1.67	0.51	-1.57	-1.05	-0.01	0.91
676	3	12	2.20	0.86	-1.10	-1.06	0.82	0.27	-0.12	-0.23	-0.17	-0.19	0.06
		725	4.11	0.48	-1.96	-1.04	-0.44	1.18	0.06	-0.33	-0.11	-0.16	-0.19
		762	2.01	0.09	-8.90e-03	0.02	0.06	0.05	0.08	-0.28	-0.19	-4.70e-03	-0.15
		29	4.32	-0.10	-3.04	-3.02	-0.12	0.19	0.02	-0.22	-0.21	0.01	0.04
676	4	12	9.63	2.01	-5.33	-4.74	1.43	-1.99	0.27	-0.68	-0.26	-0.16	0.47
		725	13.55	0.10	-9.96	-9.50	-0.35	2.09	-0.48	-0.80	-0.79	-0.49	0.04
		762	10.34	9.70e-03	-5.61	-5.61	7.55e-03	-0.11	0.03	-0.77	-0.77	0.03	0.04



		29	12.32	-0.22	-8.99	-8.95	-0.27	0.65	0.17	-0.61	-0.44	1.89e-03	0.33
677	1	667	21.50	6.67	-5.97	2.56	-1.87	-5.92	-0.13	-1.02	-0.45	-0.70	-0.43
		95	17.65	13.09	1.24	12.62	1.71	2.31	0.05	-0.58	6.52e-03	-0.54	-0.15
		310	53.95	-4.14	-32.41	-31.16	-5.40	-5.82	2.02	0.90	1.97	0.95	0.22
		763	30.77	2.35	-18.31	-18.28	2.32	0.80	0.24	-1.05	-0.65	-0.15	-0.59
677	2	667	85.27	35.00	-31.47	10.59	-7.06	-32.04	4.24e-03	-1.57	-0.99	-0.58	0.76
		95	72.27	52.62	6.16	52.34	6.44	-3.58	0.50	-1.23	0.50	-1.23	0.06
		310	258.62	-28.79	-208.86	-206.16	-31.49	-21.87	0.97	-1.18	-1.16	0.96	0.18
		763	179.32	15.90	-134.19	-134.17	15.89	1.52	0.72	-1.08	-0.13	-0.23	0.90
677	3	667	11.52	4.82	-4.31	1.61	-1.09	-4.36	-0.19	-0.37	-0.27	-0.29	-0.09
		95	11.64	8.02	0.96	7.99	0.98	0.41	0.07	-0.33	0.07	-0.32	-0.05
		310	35.66	-3.63	-26.71	-26.16	-4.18	-3.52	0.63	0.41	0.59	0.45	0.09
		763	23.75	2.02	-16.49	-16.49	2.01	0.36	-9.78e-03	-0.30	-0.23	-0.08	-0.13
677	4	667	31.95	13.22	-11.87	3.99	-2.63	-12.10	-0.06	-0.62	-0.43	-0.26	0.27
		95	27.89	19.86	2.28	19.76	2.38	-1.34	0.22	-0.53	0.21	-0.53	0.01
		310	97.25	-10.89	-79.03	-78.01	-11.91	-8.28	0.46	-0.35	-0.34	0.45	0.07
		763	68.08	6.03	-50.83	-50.82	6.03	0.58	0.23	-0.41	-0.08	-0.10	0.32
678	1	666	11.57	5.33	-2.52	3.24	-0.43	-3.47	0.02	-0.38	-0.16	-0.20	-0.20
		667	13.50	6.24	-1.28	4.74	0.23	-3.01	0.14	-0.51	-3.72e-03	-0.37	-0.27
		763	26.64	-0.25	-19.07	-19.02	-0.29	-0.90	0.33	-0.51	-0.18	-0.01	-0.41
		764	15.70	0.23	-11.06	-11.04	0.21	-0.50	0.15	-0.26	-0.12	0.01	-0.19
678	2	666	64.09	24.34	-19.86	6.88	-2.40	-21.60	0.54	-1.44	-0.45	-0.44	0.99
		667	59.92	31.49	-12.61	18.42	0.45	-20.14	0.87	-0.88	0.29	-0.31	0.82
		763	174.09	-2.34	-136.79	-136.52	-2.62	-6.04	0.22	-1.03	-0.62	-0.18	0.58
		764	107.70	1.67	-84.10	-83.98	1.55	-3.23	1.13	-1.05	-0.06	0.14	1.08
678	3	666	6.70	3.54	-2.32	1.52	-0.31	-2.78	-0.09	-0.11	-0.10	-0.10	9.59e-03
		667	7.51	4.41	-1.38	2.91	0.12	-2.53	0.04	-0.15	0.04	-0.14	-0.02
		763	22.19	-0.26	-16.95	-16.91	-0.29	-0.74	0.04	-0.18	-0.12	-0.03	-0.10
		764	13.42	0.22	-10.29	-10.27	0.20	-0.43	0.03	-0.04	-0.04	0.02	0.02
678	4	666	24.02	9.19	-7.48	2.60	-0.89	-8.15	0.18	-0.54	-0.19	-0.17	0.36
		667	22.45	11.90	-4.75	6.96	0.19	-7.61	0.33	-0.32	0.13	-0.13	0.30
		763	66.08	-0.88	-51.83	-51.73	-0.98	-2.26	0.05	-0.38	-0.25	-0.08	0.19
		764	40.86	0.64	-31.93	-31.88	0.60	-1.24	0.43	-0.38	-0.02	0.06	0.40
679	1	665	8.12	4.18	-1.77	2.55	-0.14	-2.65	9.34e-03	-0.20	-0.08	-0.11	-0.10
		666	10.52	4.87	-1.88	3.29	-0.30	-2.86	0.10	-0.29	-0.02	-0.17	-0.18
		764	15.83	0.10	-10.97	-10.95	0.07	-0.55	0.15	-0.32	-0.15	-0.02	-0.22
		765	7.05	0.09	-4.65	-4.61	0.05	-0.43	0.08	-0.15	-0.07	5.88e-03	-0.11
679	2	665	57.28	17.17	-18.18	0.07	-1.09	-17.66	0.97	-1.37	-0.19	-0.21	1.17
		666	58.04	22.17	-16.47	7.13	-1.43	-18.84	0.94	-1.14	0.05	-0.25	1.03
		764	107.38	0.24	-83.74	-83.55	0.05	-4.04	0.78	-1.16	-0.32	-0.06	0.96
		765	55.49	0.44	-40.32	-40.10	0.22	-2.97	1.14	-1.17	-0.07	0.04	1.15
679	3	665	5.81	2.56	-1.95	0.73	-0.11	-2.22	5.30e-03	-0.10	-0.05	-0.05	0.05
		666	5.75	3.23	-1.86	1.56	-0.19	-2.39	8.03e-03	-0.07	3.48e-03	-0.07	0.02
		764	13.50	0.06	-10.23	-10.21	0.04	-0.48	-0.01	-0.08	-0.08	-0.01	-4.16e-04
		765	6.25	0.08	-4.80	-4.77	0.05	-0.40	0.05	-0.06	-0.02	6.70e-03	0.05
679	4	665	21.46	6.47	-6.87	-7.96e-03	-0.39	-6.66	0.35	-0.51	-0.08	-0.08	0.43
		666	21.77	8.39	-6.22	2.70	-0.53	-7.13	0.35	-0.42	0.02	-0.09	0.38
		764	40.81	0.10	-31.79	-31.72	0.03	-1.51	0.28	-0.43	-0.13	-0.03	0.35
		765	21.09	0.18	-15.37	-15.28	0.09	-1.15	0.42	-0.43	-0.02	0.02	0.43
680	1	664	5.72	3.11	-1.41	1.83	-0.13	-2.04	-0.02	-0.12	-0.05	-0.08	-0.05
		665	7.74	3.83	-1.58	2.50	-0.26	-2.33	0.05	-0.18	-0.03	-0.10	-0.11
		765	7.20	0.13	-4.58	-4.54	0.09	-0.43	0.07	-0.18	-0.10	-5.66e-03	-0.12
		766	1.68	0.74	-0.16	0.54	0.04	-0.37	0.03	-0.09	-0.06	2.33e-03	-0.05
680	2	664	52.22	11.37	-18.49	-6.17	-0.94	-14.70	1.17	-1.29	-0.08	-0.04	1.23
		665	53.66	15.24	-16.90	-0.30	-1.36	-16.06	1.10	-1.23	-2.69e-04	-0.14	1.16
		765	54.64	0.55	-39.86	-39.59	0.28	-3.33	1.05	-1.23	-0.16	-0.02	1.14
		766	25.23	1.49	-4.47	-3.07	0.09	-2.53	1.20	-1.20	-0.01	0.01	1.20
680	3	664	5.12	1.72	-1.87	-0.05	-0.10	-1.80	0.05	-0.10	-0.03	-0.03	0.08
		665	5.26	2.31	-1.80	0.68	-0.17	-2.01	0.03	-0.08	-5.99e-03	-0.04	0.05
		765	6.32	0.09	-4.73	-4.70	0.06	-0.38	0.03	-0.08	-0.05	-4.06e-03	0.05
		766	1.91	0.29	-0.43	-0.17	0.03	-0.34	0.06	-0.08	-0.02	2.13e-03	0.07
680	4	664	19.56	4.26	-7.03	-2.42	-0.34	-5.55	0.43	-0.48	-0.03	-0.02	0.45
		665	20.12	5.76	-6.41	-0.15	-0.50	-6.08	0.41	-0.45	2.68e-03	-0.05	0.43
		765	20.68	0.22	-15.19	-15.08	0.12	-1.24	0.38	-0.46	-0.06	-7.84e-03	0.42
		766	9.45	0.58	-1.77	-1.24	0.05	-0.98	0.44	-0.44	-4.03e-03	4.77e-03	0.44
681	1	663	3.76	2.16	-1.18	1.09	-0.12	-1.55	-0.04	-0.07	-0.04	-0.07	-4.26e-03
		664	5.41	2.85	-1.27	1.78	-0.20	-1.81	2.99e-03	-0.11	-0.03	-0.08	-0.05
		766	1.60	0.76	-0.09	0.59	0.08	-0.34	0.03	-0.10	-0.07	-2.06e-03	-0.05
		767	6.25	4.64	0.02	4.62	0.04	-0.31	2.42e-03	-0.05	-0.05	1.09e-03	-8.46e-03
681	2	663	47.88	7.07	-19.50	-11.54	-0.88	-12.17	1.24	-1.18	-0.02	0.08	1.21
		664	49.37	9.80	-17.49	-6.53	-1.16	-13.38	1.22	-1.22	7.24e-03	-0.02	1.22
		766	25.70	1.95	-4.34	-2.64	0.26	-2.79	1.17	-1.23	-0.05	-6.97e-03	1.20
		767	41.63	27.94	-0.06	27.78	0.09	-2.10	1.21	-1.16	0.05	3.37e-03	1.18
681	3	663	4.63	1.05	-1.92	-0.77	-0.09	-1.45	0.07	-0.10	-0.02	-0.02	0.09
		664	4.75	1.52	-1.76	-0.10	-0.14	-1.64	0.06	-0.09	-7.43e-03	-0.02	0.07
		766	1.84	0.29	-0.36	-0.12	0.06	-0.31	0.06	-0.09	-0.03	-1.50e-03	0.07
		767	5.01	3.62	8.92e-03	3.60	0.03	-0.29	0.08	-0.09	-0.01	8.42e-04	0.08



681	4	663	17.98	2.63	-7.46	-4.51	-0.32	-4.59	0.46	-0.44	-8.49e-03	0.03	0.45
		664	18.53	3.69	-6.67	-2.56	-0.43	-5.07	0.45	-0.45	3.50e-03	-5.69e-03	0.45
		766	9.53	0.71	-1.68	-1.08	0.11	-1.04	0.43	-0.46	-0.02	-2.96e-03	0.44
		767	15.64	10.53	-0.02	10.46	0.05	-0.82	0.45	-0.43	0.02	1.52e-03	0.44
682	1	662	3.10	1.33	-1.05	0.37	-0.10	-1.17	-8.56e-03	-0.07	-0.03	-0.05	0.03
		663	3.45	1.94	-1.04	1.05	-0.15	-1.36	-0.03	-0.06	-0.03	-0.06	-6.17e-03
		767	6.32	4.67	0.05	4.65	0.07	-0.26	1.98e-04	-0.06	-0.06	-8.98e-04	-7.93e-03
		768	10.17	7.80	0.04	7.80	0.05	-0.26	0.01	-0.06	-0.04	5.20e-04	0.03
682	2	662	44.08	4.08	-20.96	-16.07	-0.81	-9.93	1.23	-1.02	0.03	0.18	1.12
		663	45.43	5.77	-18.63	-11.84	-1.02	-10.93	1.26	-1.14	0.03	0.09	1.20
		767	42.33	28.31	0.03	28.12	0.22	-2.32	1.20	-1.17	0.03	-3.40e-03	1.18
		768	68.76	53.11	0.04	53.06	0.10	-1.70	1.16	-1.05	0.11	9.44e-04	1.10
682	3	662	4.31	0.58	-2.07	-1.41	-0.08	-1.15	0.09	-0.10	-9.01e-03	-3.58e-03	0.09
		663	4.34	0.90	-1.82	-0.81	-0.11	-1.31	0.08	-0.10	-6.24e-03	-0.01	0.09
		767	5.05	3.66	0.03	3.64	0.05	-0.25	0.08	-0.09	-0.02	-6.85e-04	0.08
		768	8.59	6.67	0.02	6.66	0.03	-0.24	0.09	-0.09	-5.70e-03	3.63e-04	0.09
682	4	662	16.63	1.51	-8.08	-6.28	-0.30	-3.75	0.45	-0.38	8.59e-03	0.06	0.42
		663	17.10	2.16	-7.16	-4.63	-0.37	-4.15	0.47	-0.42	0.01	0.03	0.44
		767	15.87	10.67	0.02	10.60	0.10	-0.86	0.44	-0.43	9.83e-03	-1.43e-03	0.44
		768	25.98	20.09	0.03	20.07	0.05	-0.67	0.43	-0.39	0.04	4.88e-04	0.41
683	1	661	2.84	0.67	-1.06	-0.32	-0.07	-0.86	0.03	-0.09	-0.02	-0.04	0.06
		662	2.69	1.13	-0.90	0.34	-0.11	-0.99	-4.32e-03	-0.07	-0.02	-0.05	0.03
		768	10.21	7.83	0.05	7.83	0.06	-0.21	0.01	-0.06	-0.05	-4.37e-04	0.03
		769	13.16	10.24	0.04	10.24	0.04	-0.22	0.04	-0.08	-0.03	2.22e-04	0.06
683	2	661	40.78	2.11	-22.65	-19.79	-0.75	-7.91	1.15	-0.83	0.06	0.26	0.98
		662	41.92	3.03	-20.24	-16.31	-0.90	-8.73	1.24	-1.00	0.05	0.18	1.12
		768	69.20	53.40	0.12	53.33	0.19	-1.91	1.15	-1.05	0.10	-1.96e-03	1.10
		769	93.92	73.32	0.08	73.30	0.10	-1.32	1.05	-0.89	0.16	-1.03e-05	0.97
683	3	661	4.14	0.28	-2.33	-1.97	-0.07	-0.89	0.09	-0.09	-4.10e-03	6.10e-03	0.09
		662	4.07	0.46	-1.99	-1.44	-0.09	-1.02	0.09	-0.09	-4.05e-03	-2.11e-03	0.09
		768	8.62	6.70	0.04	6.69	0.05	-0.20	0.09	-0.09	-7.93e-03	-3.57e-04	0.09
		769	11.48	9.08	0.03	9.08	0.03	-0.20	0.09	-0.09	2.06e-04	1.39e-04	0.09
683	4	661	15.50	0.77	-8.79	-7.74	-0.27	-2.98	0.42	-0.31	0.02	0.09	0.36
		662	15.87	1.13	-7.84	-6.37	-0.33	-3.31	0.46	-0.37	0.02	0.07	0.41
		768	26.14	20.20	0.06	20.18	0.09	-0.71	0.43	-0.39	0.03	-8.09e-04	0.41
		769	35.52	27.77	0.04	27.76	0.05	-0.53	0.39	-0.33	0.06	6.97e-05	0.36
684	1	660	2.85	0.25	-1.27	-0.96	-0.06	-0.61	0.06	-0.10	-0.02	-0.03	0.08
		661	2.47	0.49	-0.91	-0.34	-0.08	-0.69	0.03	-0.09	-0.02	-0.04	0.06
		769	13.18	10.26	0.05	10.26	0.05	-0.16	0.04	-0.08	-0.04	-2.27e-04	0.06
		770	15.38	12.07	0.04	12.06	0.04	-0.18	0.07	-0.09	-0.03	6.02e-05	0.08
684	2	660	37.97	0.86	-24.30	-22.74	-0.70	-6.07	1.01	-0.61	0.08	0.32	0.80
		661	38.89	1.31	-22.10	-19.98	-0.81	-6.72	1.15	-0.82	0.07	0.26	0.98
		769	94.05	73.55	0.14	73.51	0.17	-1.53	1.05	-0.89	0.15	-1.27e-03	0.97
		770	113.45	88.93	0.09	88.92	0.10	-0.98	0.90	-0.70	0.20	-4.38e-04	0.79
684	3	660	4.08	0.11	-2.62	-2.44	-0.06	-0.67	0.09	-0.08	-4.19e-04	0.01	0.08
		661	3.94	0.19	-2.26	-1.99	-0.08	-0.77	0.09	-0.09	-1.58e-03	6.86e-03	0.09
		769	11.50	9.11	0.04	9.11	0.04	-0.16	0.09	-0.09	-8.54e-04	-2.03e-04	0.09
		770	13.74	10.94	0.03	10.94	0.03	-0.16	0.09	-0.08	5.43e-03	2.37e-05	0.08
684	4	660	14.56	0.32	-9.47	-8.90	-0.25	-2.29	0.37	-0.23	0.03	0.12	0.30
		661	14.83	0.49	-8.60	-7.81	-0.30	-2.56	0.43	-0.31	0.03	0.10	0.36
		769	35.58	27.86	0.07	27.85	0.08	-0.56	0.39	-0.33	0.05	-5.13e-04	0.36
		770	42.96	33.71	0.05	33.71	0.05	-0.39	0.33	-0.26	0.07	-1.24e-04	0.29
685	1	659	3.04	0.06	-1.65	-1.54	-0.04	-0.41	0.08	-0.11	-0.01	-0.02	0.09
		660	2.53	0.12	-1.16	-0.98	-0.06	-0.44	0.06	-0.10	-0.02	-0.03	0.08
		770	15.39	12.08	0.05	12.08	0.05	-0.12	0.06	-0.09	-0.03	-1.24e-04	0.08
		771	16.96	13.38	0.04	13.38	0.04	-0.14	0.08	-0.10	-0.02	-2.98e-05	0.09
685	2	659	35.71	0.10	-25.70	-24.94	-0.66	-4.36	0.84	-0.37	0.10	0.37	0.59
		660	36.40	0.29	-23.91	-22.88	-0.74	-4.89	1.02	-0.61	0.09	0.32	0.80
		770	113.57	89.10	0.14	89.09	0.15	-1.18	0.89	-0.70	0.20	-9.14e-04	0.79
		771	127.67	100.27	0.10	100.27	0.10	-0.65	0.71	-0.48	0.23	-6.31e-04	0.58
685	3	659	4.08	0.02	-2.91	-2.83	-0.06	-0.47	0.08	-0.06	2.37e-03	0.02	0.07
		660	3.91	0.05	-2.58	-2.46	-0.07	-0.54	0.09	-0.08	7.95e-04	0.01	0.08
		770	13.76	10.96	0.04	10.96	0.04	-0.11	0.08	-0.08	4.98e-03	-1.26e-04	0.08
		771	15.45	12.28	0.03	12.28	0.03	-0.12	0.08	-0.07	9.84e-03	-3.69e-05	0.07
685	4	659	13.82	0.04	-10.04	-9.76	-0.24	-1.64	0.31	-0.14	0.04	0.13	0.22
		660	14.01	0.11	-9.33	-8.95	-0.27	-1.86	0.38	-0.23	0.03	0.12	0.30
		770	43.01	33.78	0.07	33.77	0.07	-0.43	0.33	-0.26	0.07	-3.60e-04	0.29
		771	48.37	38.03	0.05	38.03	0.05	-0.27	0.26	-0.18	0.08	-2.15e-04	0.22
686	1	658	3.29	-7.89e-03	-2.08	-2.05	-0.04	-0.24	0.09	-0.11	-8.73e-03	-8.37e-03	0.10
		659	2.78	-8.41e-03	-1.60	-1.56	-0.05	-0.24	0.08	-0.11	-0.01	-0.02	0.09
		771	16.96	13.39	0.05	13.39	0.05	-0.08	0.08	-0.10	-0.02	-7.14e-05	0.09
		772	17.99	14.25	0.04	14.25	0.04	-0.11	0.09	-0.11	-0.01	-8.35e-05	0.10
686	2	658	34.10	-0.34	-26.69	-26.40	-0.63	-2.76	0.64	-0.12	0.11	0.40	0.35
		659	34.54	-0.28	-25.45	-25.04	-0.69	-3.18	0.84	-0.37	0.10	0.37	0.59
		771	127.76	100.39	0.13	100.38	0.14	-0.84	0.71	-0.48	0.23	-7.23e-04	0.58
		772	136.86	107.59	0.11	107.59	0.11	-0.33	0.49	-0.24	0.25	-7.14e-04	0.35
686	3	658	4.11	-0.02	-3.15	-3.12	-0.05	-0.29	0.07	-0.04	4.46e-03	0.03	0.06



		659	3.95	-0.02	-2.88	-2.84	-0.06	-0.34	0.09	-0.06	2.87e-03	0.02	0.07
		771	15.47	12.30	0.04	12.30	0.04	-0.07	0.08	-0.07	9.71e-03	-8.43e-05	0.07
		772	16.57	13.16	0.03	13.16	0.03	-0.08	0.06	-0.05	0.01	-7.07e-05	0.06
686	4	658	13.30	-0.12	-10.44	-10.34	-0.23	-1.03	0.24	-0.05	0.04	0.15	0.13
		659	13.41	-0.10	-9.95	-9.80	-0.25	-1.22	0.31	-0.14	0.04	0.13	0.22
		771	48.41	38.07	0.06	38.07	0.06	-0.30	0.26	-0.18	0.08	-2.77e-04	0.22
		772	51.87	40.81	0.05	40.81	0.05	-0.15	0.18	-0.09	0.09	-2.57e-04	0.13
687	1	657	3.53	-0.03	-2.47	-2.47	-0.04	-0.08	0.10	-0.11	-5.62e-03	-4.62e-04	0.10
		658	3.08	-0.04	-2.06	-2.06	-0.04	-0.07	0.09	-0.11	-8.73e-03	-8.36e-03	0.10
		772	17.98	14.26	0.04	14.26	0.04	-0.04	0.09	-0.10	-0.01	-4.06e-05	0.10
		773	18.50	14.70	0.04	14.70	0.04	-0.07	0.10	-0.11	-6.28e-03	-1.23e-04	0.10
687	2	657	34.48	-0.56	-27.18	-27.12	-0.62	-1.22	0.45	0.09	0.12	0.42	0.10
		658	33.65	-0.55	-26.55	-26.46	-0.65	-1.58	0.64	-0.12	0.11	0.40	0.35
		772	136.91	107.66	0.12	107.66	0.13	-0.53	0.49	-0.24	0.25	-6.15e-04	0.35
		773	141.25	111.07	0.11	111.07	0.11	-0.03	0.29	-0.03	0.26	-7.57e-04	0.10
687	3	657	4.22	-0.05	-3.32	-3.32	-0.05	-0.11	0.06	-0.02	5.95e-03	0.03	0.04
		658	4.02	-0.05	-3.14	-3.13	-0.05	-0.16	0.07	-0.04	4.52e-03	0.03	0.06
		772	16.58	13.16	0.04	13.16	0.04	-0.04	0.06	-0.05	0.01	-5.90e-05	0.06
		773	17.11	13.58	0.03	13.58	0.03	-0.05	0.05	-0.03	0.02	-9.37e-05	0.04
687	4	657	13.50	-0.20	-10.64	-10.62	-0.22	-0.45	0.17	0.03	0.04	0.15	0.04
		658	13.17	-0.20	-10.39	-10.36	-0.23	-0.61	0.24	-0.05	0.04	0.15	0.13
		772	51.89	40.84	0.06	40.84	0.06	-0.18	0.18	-0.09	0.09	-2.29e-04	0.13
		773	53.54	42.13	0.05	42.13	0.05	-0.03	0.11	-0.01	0.10	-2.82e-04	0.04
688	1	656	3.96	-0.04	-2.79	-2.78	-0.04	0.08	0.10	-0.10	-3.17e-03	6.07e-03	0.10
		657	3.64	-0.03	-2.48	-2.47	-0.04	0.09	0.10	-0.11	-6.10e-03	-5.95e-04	0.10
		773	18.49	14.71	0.04	14.71	0.04	-0.01	0.10	-0.10	-5.91e-03	-1.50e-05	0.10
		774	18.51	14.75	0.04	14.75	0.04	-0.04	0.10	-0.10	-1.99e-03	-1.64e-04	0.10
688	2	656	34.54	-0.61	-27.12	-27.12	-0.61	0.28	0.50	0.05	0.12	0.43	-0.17
		657	34.53	-0.62	-27.14	-27.14	-0.62	-0.04	0.45	0.09	0.12	0.42	0.10
		773	141.27	111.09	0.12	111.09	0.12	-0.23	0.29	-0.03	0.26	-5.39e-04	0.09
		774	140.99	110.83	0.12	110.82	0.12	0.27	0.35	-0.08	0.27	-8.06e-04	-0.17
688	3	656	4.35	-0.05	-3.41	-3.41	-0.05	0.06	0.04	-5.04e-03	6.94e-03	0.03	0.02
		657	4.27	-0.05	-3.32	-3.32	-0.05	0.01	0.06	-0.02	5.68e-03	0.03	0.04
		773	17.12	13.58	0.03	13.58	0.03	-1.24e-03	0.05	-0.03	0.02	-3.78e-05	0.04
		774	17.11	13.57	0.03	13.57	0.03	-8.97e-03	0.03	-0.01	0.02	-1.18e-04	0.02
688	4	656	13.52	-0.22	-10.62	-10.62	-0.22	0.12	0.18	0.02	0.04	0.16	-0.06
		657	13.52	-0.22	-10.63	-10.63	-0.22	-0.02	0.17	0.03	0.04	0.15	0.04
		773	53.55	42.14	0.06	42.14	0.06	-0.06	0.11	-0.01	0.10	-1.93e-04	0.04
		774	53.43	42.04	0.06	42.03	0.06	0.08	0.12	-0.03	0.10	-3.08e-04	-0.06
689	1	655	4.33	-0.03	-3.01	-2.99	-0.05	0.26	0.10	-0.09	-1.31e-03	0.01	0.10
		656	4.15	-0.02	-2.81	-2.79	-0.04	0.25	0.10	-0.10	-4.22e-03	5.77e-03	0.10
		774	18.50	14.75	0.04	14.75	0.04	0.02	0.10	-0.10	-1.38e-03	2.05e-05	0.10
		775	17.99	14.35	0.04	14.35	0.04	3.22e-03	0.10	-0.10	1.00e-03	-2.23e-04	0.10
689	2	655	33.78	-0.51	-26.49	-26.37	-0.63	1.76	0.73	-0.18	0.12	0.43	-0.43
		656	34.48	-0.52	-27.17	-27.09	-0.60	1.46	0.50	0.05	0.12	0.43	-0.17
		774	140.98	110.79	0.11	110.79	0.11	0.07	0.35	-0.08	0.27	-4.56e-04	-0.17
		775	136.14	106.90	0.12	106.89	0.13	0.57	0.58	-0.32	0.26	-8.99e-04	-0.43
689	3	655	4.34	-0.04	-3.42	-3.40	-0.06	0.24	0.03	7.47e-03	7.49e-03	0.03	7.39e-04
		656	4.39	-0.04	-3.42	-3.41	-0.05	0.19	0.04	-5.59e-03	6.25e-03	0.03	0.02
		774	17.11	13.57	0.03	13.57	0.03	0.04	0.03	-0.01	0.02	-9.88e-06	0.02
		775	16.54	13.11	0.04	13.11	0.04	0.03	0.02	-1.76e-04	0.02	-1.54e-04	6.35e-04
689	4	655	13.17	-0.18	-10.37	-10.33	-0.23	0.68	0.27	-0.06	0.04	0.16	-0.16
		656	13.50	-0.19	-10.64	-10.61	-0.22	0.54	0.18	0.02	0.04	0.16	-0.06
		774	53.42	42.02	0.05	42.02	0.05	0.05	0.13	-0.03	0.10	-1.51e-04	-0.06
		775	51.57	40.53	0.06	40.53	0.06	0.20	0.21	-0.11	0.10	-3.54e-04	-0.15
690	1	654	4.58	1.05e-03	-3.14	-3.06	-0.07	0.47	0.10	-0.08	7.05e-05	0.01	0.09
		655	4.53	0.01	-3.05	-2.98	-0.05	0.43	0.10	-0.09	-3.26e-03	0.01	0.10
		775	18.01	14.35	0.04	14.35	0.04	0.06	0.10	-0.09	2.03e-03	8.34e-05	0.10
		776	16.88	13.45	0.05	13.45	0.05	0.05	0.09	-0.09	2.49e-03	-3.32e-04	0.09
690	2	654	35.26	-0.23	-25.31	-24.87	-0.66	3.28	0.97	-0.44	0.12	0.41	-0.69
		655	34.59	-0.26	-26.64	-26.31	-0.59	2.95	0.73	-0.19	0.12	0.42	-0.43
		775	136.10	106.82	0.09	106.82	0.10	0.37	0.58	-0.32	0.27	-3.27e-04	-0.43
		776	126.67	99.25	0.13	99.25	0.14	0.87	0.82	-0.57	0.25	-1.07e-03	-0.68
690	3	654	4.19	-9.02e-03	-3.33	-3.28	-0.06	0.43	0.04	-3.14e-03	7.71e-03	0.03	-0.02
		655	4.39	-0.01	-3.43	-3.39	-0.05	0.37	0.03	6.14e-03	6.15e-03	0.03	6.31e-04
		775	16.54	13.11	0.03	13.10	0.03	0.07	0.02	2.05e-05	0.02	3.71e-05	5.57e-04
		776	15.38	12.19	0.04	12.19	0.04	0.07	0.03	-0.01	0.02	-2.20e-04	-0.02
690	4	654	13.62	-0.08	-9.90	-9.74	-0.24	1.26	0.35	-0.16	0.04	0.15	-0.25
		655	13.44	-0.09	-10.42	-10.30	-0.21	1.11	0.26	-0.07	0.04	0.16	-0.16
		775	51.55	40.50	0.05	40.50	0.05	0.16	0.21	-0.11	0.10	-8.47e-05	-0.15
		776	47.95	37.62	0.06	37.61	0.07	0.31	0.30	-0.21	0.09	-4.38e-04	-0.25
691	1	653	4.72	0.07	-3.17	-3.00	-0.10	0.73	0.09	-0.07	1.12e-03	0.02	0.08
		654	4.81	0.07	-3.19	-3.05	-0.06	0.65	0.09	-0.08	-3.51e-03	0.01	0.09
		776	16.90	13.45	0.04	13.45	0.04	0.11	0.09	-0.09	4.30e-03	1.99e-04	0.09
		777	15.01	11.96	0.05	11.96	0.05	0.11	0.08	-0.08	2.02e-03	-5.58e-04	0.08
691	2	653	37.49	0.29	-23.64	-22.61	-0.74	4.85	1.19	-0.69	0.11	0.38	-0.93
		654	36.54	0.22	-25.58	-24.77	-0.59	4.49	0.96	-0.45	0.11	0.41	-0.69



		776	126.62	99.13	0.08	99.12	0.08	0.67	0.82	-0.57	0.26	-8.42e-05	-0.68
		777	112.45	87.78	0.15	87.76	0.17	1.20	1.05	-0.82	0.23	-1.32e-03	-0.92
691	3	653	4.21	0.05	-3.17	-3.04	-0.08	0.63	0.06	-0.02	7.76e-03	0.03	-0.04
		654	4.25	0.04	-3.36	-3.27	-0.05	0.56	0.04	-5.49e-03	5.20e-03	0.03	-0.02
		776	15.38	12.18	0.03	12.18	0.03	0.11	0.03	-0.01	0.02	1.23e-04	-0.02
		777	13.60	10.78	0.04	10.77	0.04	0.11	0.05	-0.03	0.02	-3.50e-04	-0.04
691	4	653	14.34	0.12	-9.24	-8.85	-0.27	1.85	0.43	-0.25	0.04	0.14	-0.34
		654	14.06	0.08	-9.99	-9.70	-0.21	1.69	0.35	-0.16	0.04	0.15	-0.25
		776	47.93	37.57	0.04	37.56	0.04	0.28	0.30	-0.21	0.09	3.88e-05	-0.25
		777	42.52	33.24	0.07	33.24	0.07	0.44	0.38	-0.30	0.08	-5.74e-04	-0.34
692	1	652	4.82	0.21	-3.14	-2.78	-0.14	1.03	0.08	-0.06	2.06e-03	0.01	0.07
		653	5.01	0.19	-3.25	-2.98	-0.07	0.92	0.08	-0.08	-5.50e-03	0.01	0.08
		777	15.04	11.94	0.04	11.94	0.04	0.16	0.08	-0.08	5.38e-03	4.23e-04	0.08
		778	12.22	9.75	0.06	9.74	0.07	0.18	0.07	-0.07	-1.59e-03	-1.11e-03	0.07
692	2	652	40.42	1.18	-21.62	-19.56	-0.88	6.53	1.38	-0.93	0.11	0.34	-1.15
		653	39.27	1.02	-24.07	-22.46	-0.58	6.14	1.18	-0.71	0.09	0.37	-0.93
		777	112.42	87.60	0.05	87.58	0.06	0.97	1.05	-0.81	0.24	5.02e-04	-0.92
		778	93.26	72.23	0.18	72.20	0.21	1.56	1.25	-1.05	0.20	-1.37e-03	-1.14
692	3	652	4.29	0.16	-2.94	-2.69	-0.10	0.85	0.08	-0.04	7.93e-03	0.03	-0.06
		653	4.32	0.13	-3.21	-3.02	-0.06	0.77	0.06	-0.03	3.05e-03	0.03	-0.04
		777	13.60	10.76	0.03	10.75	0.03	0.15	0.05	-0.03	0.02	2.96e-04	-0.04
		778	11.11	8.81	0.05	8.81	0.05	0.16	0.06	-0.05	0.01	-6.25e-04	-0.06
692	4	652	15.31	0.44	-8.42	-7.66	-0.32	2.48	0.51	-0.34	0.04	0.13	-0.42
		653	14.95	0.38	-9.38	-8.80	-0.21	2.31	0.43	-0.26	0.03	0.14	-0.34
		777	42.50	33.17	0.03	33.17	0.03	0.39	0.38	-0.30	0.09	3.19e-04	-0.34
		778	35.20	27.32	0.08	27.31	0.09	0.58	0.46	-0.38	0.07	-7.02e-04	-0.42
693	1	651	4.97	0.46	-3.06	-2.38	-0.21	1.39	0.07	-0.06	3.26e-03	6.49e-03	0.07
		652	5.24	0.43	-3.25	-2.75	-0.07	1.26	0.07	-0.07	-0.01	0.01	0.07
		778	12.27	9.72	0.03	9.71	0.03	0.21	0.07	-0.07	4.99e-03	1.00e-03	0.07
		779	8.38	6.67	0.07	6.66	0.08	0.27	0.06	-0.08	-0.01	-2.77e-03	0.07
693	2	651	43.99	2.60	-19.46	-15.68	-1.18	8.31	1.55	-1.14	0.10	0.31	-1.34
		652	42.90	2.42	-22.29	-19.36	-0.51	7.99	1.36	-0.96	0.07	0.33	-1.16
		778	93.29	71.98	-0.02	71.96	6.85e-03	1.27	1.25	-1.04	0.22	2.25e-03	-1.14
		779	68.94	52.25	0.22	52.17	0.30	2.00	1.44	-1.26	0.17	7.96e-04	-1.35
693	3	651	4.46	0.33	-2.68	-2.20	-0.15	1.10	0.09	-0.06	8.90e-03	0.02	-0.07
		652	4.49	0.30	-3.01	-2.66	-0.05	1.02	0.07	-0.05	-1.05e-03	0.03	-0.06
		778	11.12	8.78	0.02	8.78	0.02	0.19	0.07	-0.05	0.02	7.43e-04	-0.06
		779	7.85	6.22	0.05	6.21	0.06	0.23	0.08	-0.07	6.16e-03	-1.25e-03	-0.07
693	4	651	16.53	0.97	-7.54	-6.14	-0.43	3.15	0.57	-0.42	0.04	0.11	-0.49
		652	16.18	0.89	-8.66	-7.58	-0.18	3.02	0.50	-0.35	0.02	0.12	-0.42
		778	35.21	27.23	5.10e-03	27.22	0.01	0.51	0.46	-0.38	0.08	1.11e-03	-0.42
		779	25.93	19.73	0.10	19.70	0.12	0.74	0.52	-0.46	0.06	-1.99e-04	-0.49
694	1	650	5.27	0.88	-2.94	-1.76	-0.30	1.76	0.06	-0.07	6.20e-03	-0.02	0.07
		651	5.69	0.87	-3.27	-2.35	-0.06	1.73	0.05	-0.08	-0.02	8.87e-04	0.06
		779	8.41	6.62	4.80e-03	6.61	0.02	0.27	0.07	-0.06	1.87e-03	3.13e-03	0.07
		780	3.50	2.57	0.04	2.51	0.10	0.39	0.06	-0.10	-0.04	-8.21e-03	0.08
694	2	650	47.95	4.90	-17.26	-10.76	-1.60	10.09	1.75	-1.26	0.12	0.37	-1.50
		651	47.93	4.86	-20.64	-15.42	-0.35	10.28	1.52	-1.20	0.04	0.27	-1.36
		779	69.08	51.86	-0.12	51.81	-0.07	1.56	1.43	-1.23	0.20	6.31e-03	-1.33
		780	44.69	27.26	0.15	27.01	0.40	2.58	1.69	-1.49	0.18	0.01	-1.59
694	3	650	4.70	0.63	-2.40	-1.57	-0.20	1.35	0.10	-0.07	0.01	0.02	-0.08
		651	4.85	0.61	-2.82	-2.17	-0.03	1.34	0.08	-0.07	-8.87e-03	0.02	-0.08
		779	7.86	6.18	2.15e-03	6.17	0.01	0.24	0.08	-0.06	0.01	2.16e-03	-0.07
		780	4.13	2.93	0.04	2.89	0.07	0.31	0.08	-0.09	-3.43e-03	-2.85e-03	-0.08
694	4	650	17.91	1.82	-6.64	-4.23	-0.59	3.82	0.64	-0.46	0.05	0.14	-0.55
		651	17.95	1.80	-7.96	-6.04	-0.12	3.88	0.55	-0.44	9.54e-03	0.10	-0.50
		779	25.97	19.58	-0.03	19.56	-0.01	0.62	0.53	-0.45	0.07	3.10e-03	-0.49
		780	16.62	10.25	0.07	10.15	0.16	0.96	0.61	-0.55	0.06	3.74e-03	-0.58
695	1	649	5.19	1.78	-1.87	-0.27	0.18	1.81	0.06	-0.13	0.02	-0.09	0.08
		650	6.78	1.43	-3.53	-1.78	-0.32	2.37	0.03	-0.12	-0.06	-0.04	0.07
		780	3.44	2.47	-0.08	2.41	-0.03	0.38	0.07	-0.07	-0.01	0.01	0.07
		781	5.83	0.23	-3.31	-3.17	0.08	0.70	0.10	-0.17	-0.06	-0.01	0.13
695	2	649	48.30	9.85	-11.16	-1.84	0.53	10.44	2.09	-1.09	0.19	0.82	-1.56
		650	56.13	8.03	-20.37	-10.78	-1.56	13.43	1.79	-1.39	0.07	0.33	-1.58
		780	42.20	26.64	-0.41	26.48	-0.25	2.05	1.70	-1.38	0.32	9.27e-03	-1.53
		781	40.76	2.39	-7.55	-5.45	0.29	4.06	1.90	-1.97	-0.04	-0.02	-1.93
695	3	649	4.44	1.30	-1.52	-0.35	0.13	1.39	0.11	-0.06	0.03	0.02	-0.09
		650	5.52	1.01	-2.80	-1.57	-0.22	1.78	0.08	-0.10	-0.02	7.79e-03	-0.09
		780	3.98	2.86	-0.05	2.82	-0.02	0.31	0.10	-0.08	0.02	6.09e-03	-0.09
		781	3.01	0.22	-1.61	-1.45	0.06	0.52	0.07	-0.11	-0.03	-8.62e-03	-0.09
695	4	649	17.92	3.69	-4.27	-0.81	0.23	3.95	0.77	-0.39	0.08	0.29	-0.57
		650	20.89	2.97	-7.79	-4.24	-0.58	5.06	0.64	-0.52	0.01	0.12	-0.58
		780	15.77	10.02	-0.15	9.95	-0.08	0.80	0.63	-0.50	0.12	5.85e-03	-0.56
		781	14.87	0.88	-2.89	-2.13	0.12	1.51	0.68	-0.72	-0.03	-0.01	-0.70
696	1	3	16.57	12.32	-1.28	9.77	1.27	-5.31	1.81e-03	-0.27	-6.02e-03	-0.26	0.05
		649	13.80	2.68	-7.45	-2.87	-1.89	5.04	-0.06	-0.31	-0.17	-0.21	0.12
		781	5.93	1.03	-2.64	-2.23	0.63	-1.15	0.07	-0.34	-0.21	-0.07	0.19



		56	26.58	0.58	-17.53	-13.83	-3.12	7.30	0.64	0.33	0.62	0.35	-0.07
696	2	3	77.64	59.31	-2.32	49.09	7.90	-22.93	0.11	-0.41	-0.17	-0.13	-0.26
		649	97.94	13.98	-38.45	-14.08	-10.40	26.15	3.73	-0.98	0.77	1.98	-2.28
		781	51.95	5.83	-4.38	-1.15	2.60	-4.75	3.47	-1.77	1.78	-0.08	-2.44
		56	157.37	4.02	-81.56	-63.08	-14.46	35.21	-1.72	-7.43	-7.41	-1.74	0.34
696	3	3	11.56	8.61	-0.68	6.96	0.97	-3.55	-5.66e-03	-0.12	-5.66e-03	-0.12	-3.47e-04
		649	10.07	1.86	-5.45	-2.18	-1.41	3.63	0.15	-0.10	-0.02	0.06	-0.12
		781	3.39	0.77	-1.14	-0.78	0.41	-0.75	0.12	-0.11	0.05	-0.04	-0.11
		56	17.54	0.55	-12.08	-9.40	-2.13	5.17	0.03	-0.30	-0.30	0.03	-8.87e-04
696	4	3	29.66	22.54	-0.99	18.61	2.93	-8.77	0.02	-0.16	-0.05	-0.09	-0.09
		649	36.45	5.20	-14.63	-5.50	-3.93	9.89	1.34	-0.38	0.26	0.71	-0.83
		781	19.00	2.22	-1.69	-0.46	0.99	-1.81	1.25	-0.65	0.64	-0.04	-0.89
		56	58.92	1.57	-31.06	-24.00	-5.49	13.44	-0.59	-2.68	-2.68	-0.59	0.12
697	1	629	37.08	12.17	-2.96	10.59	-1.37	-4.64	-5.56e-03	-2.73	-1.06	-1.68	-1.33
		96	27.39	17.16	1.80	17.13	1.83	0.69	0.26	-1.11	0.14	-0.99	-0.39
		147	108.71	-7.33	-57.80	-57.55	-7.58	-3.54	5.15	2.17	5.09	2.22	0.39
		782	79.39	4.04	-48.00	-47.99	4.04	0.60	0.79	-2.62	-1.53	-0.30	-1.59
697	2	629	109.87	50.36	-43.74	15.81	-9.19	-45.36	-0.46	-1.48	-1.33	-0.61	0.35
		96	101.76	73.60	8.08	73.32	8.35	-4.23	0.71	-1.75	0.71	-1.75	4.90e-03
		147	370.26	-42.07	-309.62	-305.91	-45.78	-31.29	1.75	-0.08	-0.08	1.74	0.12
		782	273.42	23.05	-205.76	-205.73	23.02	2.70	0.14	-0.83	-0.28	-0.41	0.48
697	3	629	18.25	7.11	-3.99	4.18	-1.07	-4.89	-0.14	-0.91	-0.47	-0.58	-0.38
		96	16.40	10.58	1.10	10.58	1.10	-0.11	0.14	-0.52	0.12	-0.50	-0.12
		147	60.42	-5.43	-41.12	-40.77	-5.77	-3.49	1.61	0.85	1.59	0.88	0.13
		782	44.18	2.99	-30.19	-30.19	2.98	0.39	0.17	-0.81	-0.50	-0.14	-0.45
697	4	629	40.85	18.73	-16.38	5.73	-3.38	-16.95	-0.22	-0.59	-0.55	-0.26	0.12
		96	38.45	27.33	2.93	27.23	3.03	-1.56	0.29	-0.72	0.29	-0.72	-3.66e-03
		147	137.99	-15.70	-115.75	-114.36	-17.09	-11.72	0.74	0.05	0.05	0.74	0.05
		782	102.37	8.62	-76.94	-76.92	8.61	1.01	0.01	-0.32	-0.13	-0.17	0.16
698	1	628	22.85	11.20	-1.27	10.34	-0.40	-3.16	0.39	-1.10	-0.30	-0.41	-0.74
		629	27.73	12.68	5.32e-03	12.14	0.55	-2.57	0.52	-1.39	-0.02	-0.86	-0.85
		782	66.86	-0.72	-48.56	-48.55	-0.73	-0.84	1.06	-1.41	-0.33	-0.02	-1.22
		783	55.70	0.45	-41.16	-41.15	0.45	-0.51	0.60	-0.84	-0.26	0.02	-0.71
698	2	628	80.23	37.02	-28.24	11.78	-3.00	-31.78	0.12	-0.99	-0.54	-0.33	0.55
		629	76.67	45.99	-17.42	27.16	1.41	-28.97	0.81	-0.47	0.51	-0.17	0.54
		782	264.32	-3.54	-209.72	-209.38	-3.88	-8.39	-0.19	-0.66	-0.60	-0.25	0.15
		783	170.06	2.32	-134.08	-133.91	2.15	-4.76	0.84	-0.57	0.08	0.18	0.70
698	3	628	11.33	5.74	-2.23	3.85	-0.34	-3.39	0.03	-0.34	-0.15	-0.15	-0.18
		629	13.29	6.91	-1.08	5.54	0.29	-3.01	0.16	-0.38	0.05	-0.28	-0.21
		782	40.14	-0.48	-30.68	-30.65	-0.50	-0.87	0.28	-0.47	-0.16	-0.03	-0.37
		783	29.46	0.32	-22.65	-22.64	0.31	-0.54	0.14	-0.18	-0.06	0.03	-0.16
698	4	628	29.86	13.76	-10.59	4.27	-1.10	-11.87	0.03	-0.38	-0.22	-0.13	0.20
		629	28.48	17.08	-6.55	10.00	0.54	-10.83	0.31	-0.18	0.21	-0.07	0.20
		782	98.99	-1.31	-78.43	-78.30	-1.43	-3.11	-0.09	-0.25	-0.24	-0.10	0.04
		783	63.68	0.88	-50.18	-50.12	0.81	-1.80	0.32	-0.21	0.04	0.07	0.26
699	1	627	18.67	9.95	-0.84	9.17	-0.06	-2.80	0.33	-0.73	-0.15	-0.25	-0.53
		628	22.58	11.10	-0.68	10.43	-0.01	-2.73	0.51	-0.92	-0.05	-0.37	-0.69
		783	55.82	-0.02	-41.12	-41.11	-0.02	-0.55	0.62	-0.97	-0.31	-0.04	-0.79
		784	45.59	0.09	-34.41	-34.40	0.08	-0.55	0.47	-0.60	-0.15	0.01	-0.53
699	2	627	70.13	28.22	-26.53	2.93	-1.25	-27.30	0.49	-0.84	-0.22	-0.14	0.66
		628	72.78	34.58	-23.98	12.09	-1.49	-28.49	0.65	-0.57	0.15	-0.08	0.60
		783	168.61	0.23	-133.47	-133.22	-0.03	-5.80	0.35	-0.71	-0.26	-0.09	0.52
		784	87.44	0.55	-68.27	-67.97	0.25	-4.54	0.71	-0.64	0.01	0.06	0.67
699	3	627	8.88	4.65	-1.92	2.83	-0.10	-2.94	0.03	-0.19	-0.07	-0.09	-0.11
		628	10.79	5.52	-1.73	3.90	-0.10	-3.03	0.12	-0.23	5.78e-03	-0.11	-0.16
		783	29.56	0.02	-22.59	-22.57	3.53e-03	-0.59	0.14	-0.28	-0.12	-0.02	-0.20
		784	20.09	0.07	-15.55	-15.53	0.05	-0.54	0.10	-0.13	-0.04	0.01	-0.11
699	4	627	26.12	10.49	-9.96	0.98	-0.45	-10.20	0.17	-0.31	-0.09	-0.05	0.24
		628	27.11	12.86	-9.01	4.39	-0.54	-10.66	0.24	-0.20	0.07	-0.03	0.22
		783	63.16	0.10	-49.95	-49.86	3.32e-03	-2.14	0.12	-0.26	-0.11	-0.04	0.19
		784	32.79	0.22	-25.59	-25.48	0.11	-1.72	0.26	-0.23	7.05e-03	0.02	0.25
700	1	626	15.51	8.57	-0.79	7.80	-0.02	-2.56	0.23	-0.56	-0.10	-0.22	-0.39
		627	18.73	9.77	-0.73	9.11	-0.07	-2.56	0.39	-0.69	-0.06	-0.24	-0.53
		784	45.85	0.06	-34.31	-34.30	0.06	-0.51	0.45	-0.66	-0.20	-0.01	-0.55
		785	37.14	0.04	-28.00	-27.98	0.03	-0.54	0.33	-0.47	-0.14	5.28e-03	-0.39
700	2	626	62.89	20.69	-26.93	-5.08	-1.17	-23.73	0.63	-0.77	-0.10	-0.04	0.70
		627	66.02	26.01	-25.26	2.37	-1.61	-25.56	0.66	-0.65	0.05	-0.04	0.65
		784	85.72	0.70	-67.49	-67.13	0.34	-4.94	0.57	-0.72	-0.13	-0.03	0.64
		785	23.27	1.47	-11.37	-9.99	0.08	-3.99	0.69	-0.67	3.22e-03	0.02	0.68
700	3	626	7.09	3.62	-1.91	1.80	-0.08	-2.60	0.01	-0.12	-0.04	-0.07	-0.07
		627	8.70	4.43	-1.79	2.76	-0.13	-2.75	0.08	-0.16	-0.01	-0.07	-0.11
		784	20.20	0.07	-15.45	-15.44	0.06	-0.51	0.08	-0.16	-0.07	-6.57e-03	-0.12
		785	12.02	0.05	-9.15	-9.12	0.03	-0.49	0.05	-0.09	-0.04	3.52e-03	-0.07
700	4	626	23.44	7.69	-10.13	-2.02	-0.42	-8.87	0.23	-0.28	-0.04	-0.02	0.26
		627	24.61	9.68	-9.50	0.77	-0.59	-9.57	0.24	-0.24	0.02	-0.01	0.24
		784	32.08	0.27	-25.29	-25.16	0.14	-1.83	0.21	-0.27	-0.05	-0.01	0.24
		785	8.71	0.57	-4.31	-3.79	0.04	-1.51	0.25	-0.24	2.01e-03	7.18e-03	0.25



701	1	625	12.51	7.15	-0.81	6.36	-0.02	-2.37	0.12	-0.41	-0.09	-0.20	-0.26
		626	15.42	8.39	-0.73	7.72	-0.06	-2.38	0.26	-0.54	-0.07	-0.21	-0.39
		785	37.18	0.07	-27.90	-27.89	0.06	-0.49	0.32	-0.49	-0.16	-3.76e-03	-0.39
		786	29.23	0.04	-21.95	-21.93	0.03	-0.52	0.21	-0.34	-0.14	2.44e-03	-0.27
701	2	625	57.01	14.55	-27.64	-11.88	-1.21	-20.41	0.68	-0.70	-0.05	0.03	0.69
		626	59.87	18.90	-26.03	-5.63	-1.50	-22.37	0.69	-0.67	0.02	-1.84e-03	0.68
		785	23.23	1.96	-10.89	-9.26	0.34	-4.27	0.65	-0.71	-0.06	-9.03e-03	0.68
		786	53.21	40.46	-0.19	40.17	0.10	-3.42	0.68	-0.66	0.02	6.45e-03	0.67
701	3	625	5.56	2.71	-1.96	0.83	-0.09	-2.29	-0.01	-0.08	-0.03	-0.06	-0.03
		626	6.89	3.43	-1.82	1.73	-0.12	-2.45	0.03	-0.11	-0.02	-0.06	-0.07
		785	12.02	0.08	-9.06	-9.03	0.06	-0.46	0.05	-0.10	-0.05	-2.14e-03	-0.07
		786	4.88	0.08	-3.47	-3.41	0.03	-0.44	0.02	-0.06	-0.04	1.47e-03	-0.03
701	4	625	21.27	5.40	-10.41	-4.57	-0.44	-7.63	0.25	-0.26	-0.02	8.92e-03	0.25
		626	22.34	7.03	-9.80	-2.22	-0.55	-8.38	0.25	-0.25	8.26e-03	1.37e-04	0.25
		785	8.60	0.73	-4.10	-3.52	0.14	-1.58	0.24	-0.26	-0.02	-3.70e-03	0.25
		786	19.85	15.10	-0.06	14.99	0.05	-1.30	0.25	-0.24	7.94e-03	2.66e-03	0.24
702	1	624	9.64	5.76	-0.86	4.93	-0.03	-2.20	0.03	-0.28	-0.07	-0.18	-0.14
		625	12.32	6.98	-0.74	6.29	-0.05	-2.20	0.14	-0.40	-0.07	-0.20	-0.26
		786	29.18	0.07	-21.86	-21.85	0.06	-0.46	0.20	-0.35	-0.14	-1.39e-03	-0.27
		787	21.80	0.04	-16.27	-16.26	0.03	-0.50	0.10	-0.22	-0.12	1.17e-03	-0.15
702	2	624	52.12	9.69	-28.45	-17.55	-1.21	-17.22	0.68	-0.61	-8.90e-03	0.08	0.65
		625	54.52	13.05	-26.82	-12.36	-1.41	-19.17	0.71	-0.65	0.02	0.05	0.68
		786	54.21	41.11	-0.02	40.78	0.31	-3.66	0.67	-0.68	-6.40e-03	-4.03e-03	0.67
		787	104.22	82.85	0.02	82.75	0.12	-2.85	0.66	-0.61	0.05	2.71e-03	0.63
702	3	624	4.36	1.92	-2.06	-0.05	-0.09	-1.99	-0.02	-0.05	-0.02	-0.05	2.67e-03
		625	5.32	2.53	-1.87	0.77	-0.11	-2.16	-4.74e-04	-0.07	-0.02	-0.05	-0.03
		786	4.82	0.10	-3.38	-3.34	0.05	-0.40	0.02	-0.06	-0.05	-8.71e-04	-0.03
		787	2.47	1.70	-0.06	1.61	0.03	-0.39	6.84e-04	-0.03	-0.03	6.84e-04	-2.85e-05
702	4	624	19.49	3.59	-10.74	-6.71	-0.44	-6.44	0.25	-0.23	-5.31e-03	0.03	0.24
		625	20.38	4.86	-10.12	-4.75	-0.52	-7.18	0.26	-0.24	6.02e-03	0.02	0.25
		786	20.20	15.34	7.52e-03	15.22	0.13	-1.35	0.24	-0.25	-3.97e-03	-1.65e-03	0.25
		787	38.97	30.98	0.02	30.94	0.06	-1.09	0.24	-0.22	0.02	1.14e-03	0.23
703	1	623	6.97	4.47	-0.94	3.55	-0.03	-2.03	-0.05	-0.17	-0.06	-0.16	-0.04
		624	9.41	5.59	-0.78	4.86	-0.05	-2.03	0.04	-0.28	-0.06	-0.18	-0.15
		787	21.72	0.07	-16.19	-16.17	0.06	-0.43	0.10	-0.23	-0.13	-5.81e-04	-0.15
		788	14.90	0.05	-11.00	-10.98	0.03	-0.46	0.02	-0.13	-0.11	5.34e-04	-0.04
703	2	623	48.02	5.92	-29.30	-22.19	-1.19	-14.14	0.65	-0.50	0.02	0.13	0.58
		624	49.96	8.40	-27.70	-17.95	-1.35	-16.03	0.70	-0.58	0.02	0.09	0.64
		787	104.93	83.36	0.17	83.25	0.28	-3.08	0.65	-0.62	0.03	-2.12e-03	0.63
		788	148.16	118.03	0.09	117.98	0.13	-2.30	0.60	-0.53	0.08	1.09e-03	0.56
703	3	623	4.28	1.28	-2.20	-0.83	-0.09	-1.70	1.81e-03	-0.06	-0.02	-0.04	0.03
		624	4.07	1.76	-1.97	-0.10	-0.11	-1.86	-0.02	-0.05	-0.02	-0.05	1.61e-03
		787	2.53	1.75	-0.02	1.67	0.05	-0.35	-4.02e-04	-0.04	-0.04	-4.09e-04	4.87e-04
		788	7.77	5.96	0.01	5.94	0.03	-0.34	0.02	-0.05	-0.03	3.13e-04	0.03
703	4	623	18.02	2.19	-11.09	-8.46	-0.43	-5.29	0.24	-0.19	4.37e-03	0.05	0.21
		624	18.72	3.13	-10.48	-6.86	-0.49	-6.01	0.26	-0.21	7.83e-03	0.03	0.23
		787	39.23	31.17	0.08	31.13	0.12	-1.13	0.24	-0.23	0.01	-8.65e-04	0.23
		788	55.42	44.17	0.04	44.15	0.06	-0.88	0.22	-0.19	0.03	4.78e-04	0.21
704	1	622	5.69	3.30	-1.06	2.28	-0.04	-1.85	-0.03	-0.17	-0.05	-0.14	0.05
		623	6.71	4.29	-0.85	3.49	-0.05	-1.86	-0.04	-0.17	-0.06	-0.16	-0.04
		788	14.82	0.07	-10.92	-10.91	0.05	-0.40	0.01	-0.13	-0.11	-2.49e-04	-0.04
		789	8.63	0.06	-6.17	-6.15	0.03	-0.42	0.02	-0.12	-0.10	1.94e-04	0.05
704	2	622	44.62	3.11	-30.13	-25.85	-1.17	-11.14	0.59	-0.38	0.04	0.17	0.48
		623	46.15	4.84	-28.65	-22.51	-1.30	-12.96	0.66	-0.49	0.03	0.14	0.57
		788	148.52	118.44	0.21	118.39	0.26	-2.52	0.60	-0.53	0.07	-1.24e-03	0.57
		789	183.51	146.12	0.12	146.10	0.15	-1.76	0.52	-0.42	0.10	2.70e-04	0.47
704	3	622	4.30	0.78	-2.39	-1.52	-0.09	-1.41	0.03	-0.07	-0.01	-0.03	0.05
		623	4.02	1.13	-2.11	-0.88	-0.10	-1.58	3.96e-03	-0.06	-0.02	-0.04	0.03
		788	7.83	6.01	0.03	6.00	0.05	-0.30	0.02	-0.05	-0.03	-2.05e-04	0.03
		789	12.27	9.60	0.02	9.59	0.03	-0.29	0.04	-0.06	-0.02	1.19e-04	0.05
704	4	622	16.81	1.15	-11.43	-9.85	-0.43	-4.17	0.21	-0.14	0.01	0.06	0.18
		623	17.36	1.80	-10.86	-8.58	-0.47	-4.86	0.24	-0.18	0.01	0.05	0.21
		788	55.55	44.32	0.09	44.31	0.11	-0.92	0.22	-0.20	0.02	-5.00e-04	0.21
		789	68.68	54.71	0.06	54.70	0.07	-0.68	0.19	-0.16	0.04	1.42e-04	0.17
705	1	621	5.98	2.30	-1.22	1.13	-0.05	-1.65	0.06	-0.22	-0.04	-0.12	0.13
		622	5.34	3.12	-0.95	2.22	-0.06	-1.68	-0.02	-0.17	-0.05	-0.14	0.05
		789	8.55	0.08	-6.09	-6.07	0.05	-0.36	0.02	-0.12	-0.10	-1.02e-04	0.05
		790	3.31	0.11	-1.86	-1.79	0.03	-0.38	0.09	-0.18	-0.08	5.73e-06	0.13
705	2	621	41.93	1.11	-30.86	-28.59	-1.16	-8.21	0.50	-0.24	0.05	0.20	0.36
		622	43.07	2.25	-29.60	-26.10	-1.25	-9.96	0.59	-0.37	0.04	0.17	0.48
		789	183.81	146.44	0.22	146.41	0.24	-1.98	0.52	-0.42	0.10	-8.08e-04	0.47
		790	210.17	167.30	0.15	167.29	0.16	-1.24	0.42	-0.30	0.12	-1.70e-04	0.35
705	3	621	4.34	0.41	-2.59	-2.08	-0.09	-1.13	0.05	-0.08	-0.01	-0.02	0.07
		622	4.07	0.65	-2.31	-1.55	-0.10	-1.29	0.03	-0.07	-0.01	-0.03	0.05
		789	12.31	9.64	0.04	9.64	0.05	-0.24	0.04	-0.06	-0.02	-1.08e-04	0.05
		790	15.92	12.56	0.03	12.55	0.03	-0.23	0.06	-0.07	-0.02	1.21e-05	0.06
705	4	621	15.87	0.41	-11.72	-10.89	-0.42	-3.07	0.18	-0.09	0.02	0.07	0.13



		622	16.27	0.84	-11.24	-9.94	-0.46	-3.74	0.22	-0.14	0.01	0.06	0.18
		789	68.79	54.83	0.09	54.82	0.10	-0.72	0.19	-0.16	0.03	-3.17e-04	0.17
		790	78.68	62.65	0.07	62.65	0.07	-0.49	0.15	-0.11	0.04	-3.99e-05	0.13
706	1	620	6.43	1.47	-1.41	0.12	-0.06	-1.44	0.14	-0.27	-0.04	-0.10	0.20
		621	5.62	2.10	-1.09	1.08	-0.06	-1.49	0.06	-0.22	-0.04	-0.12	0.13
		790	3.30	0.11	-1.78	-1.72	0.05	-0.32	0.09	-0.18	-0.08	-3.32e-05	0.13
		791	5.06	2.09	-0.02	2.04	0.04	-0.33	0.17	-0.24	-0.07	-1.05e-04	0.20
706	2	620	39.96	-0.21	-31.39	-30.45	-1.15	-5.33	0.38	-0.10	0.06	0.23	0.23
		621	40.74	0.48	-30.46	-28.77	-1.21	-7.04	0.50	-0.24	0.05	0.21	0.36
		790	210.39	167.52	0.21	167.51	0.23	-1.46	0.42	-0.30	0.12	-5.84e-04	0.35
		791	228.32	181.71	0.16	181.71	0.17	-0.73	0.30	-0.16	0.14	-4.21e-04	0.22
706	3	620	4.37	0.16	-2.80	-2.54	-0.10	-0.84	0.07	-0.09	-8.29e-03	-0.01	0.08
		621	4.15	0.31	-2.53	-2.11	-0.10	-1.00	0.05	-0.08	-0.01	-0.02	0.07
		790	15.95	12.59	0.04	12.59	0.05	-0.19	0.06	-0.07	-0.02	-5.80e-05	0.06
		791	18.71	14.83	0.03	14.83	0.04	-0.18	0.07	-0.08	-0.01	-5.09e-05	0.08
706	4	620	15.18	-0.08	-11.94	-11.60	-0.42	-1.99	0.14	-0.04	0.02	0.08	0.08
		621	15.45	0.19	-11.59	-10.96	-0.44	-2.65	0.18	-0.09	0.02	0.07	0.13
		790	78.76	62.74	0.09	62.73	0.10	-0.53	0.15	-0.11	0.04	-2.21e-04	0.13
		791	85.49	68.07	0.07	68.06	0.08	-0.30	0.11	-0.06	0.05	-1.45e-04	0.08
707	1	619	6.86	0.84	-1.64	-0.73	-0.08	-1.19	0.20	-0.31	-0.03	-0.08	0.26
		620	6.08	1.28	-1.27	0.08	-0.07	-1.27	0.14	-0.27	-0.04	-0.10	0.20
		791	5.00	2.13	0.02	2.09	0.05	-0.27	0.17	-0.24	-0.07	6.32e-06	0.20
		792	8.53	5.28	0.03	5.26	0.04	-0.28	0.23	-0.28	-0.06	-1.78e-04	0.25
707	2	619	39.35	-0.95	-31.65	-31.45	-1.15	-2.49	0.27	0.03	0.06	0.24	0.08
		620	39.18	-0.61	-31.14	-30.56	-1.18	-4.16	0.38	-0.10	0.06	0.23	0.23
		791	228.46	181.86	0.21	181.85	0.21	-0.95	0.30	-0.16	0.14	-4.50e-04	0.22
		792	238.09	189.47	0.18	189.47	0.18	-0.23	0.18	-0.04	0.14	-5.91e-04	0.08
707	3	619	4.34	1.50e-03	-2.97	-2.87	-0.10	-0.54	0.08	-0.09	-5.92e-03	-7.99e-03	0.08
		620	4.20	0.09	-2.75	-2.56	-0.10	-0.71	0.07	-0.09	-8.23e-03	-0.01	0.08
		791	18.73	14.86	0.04	14.86	0.04	-0.13	0.07	-0.08	-0.01	-2.73e-05	0.08
		792	20.62	16.40	0.04	16.40	0.04	-0.12	0.08	-0.09	-9.04e-03	-9.44e-05	0.08
707	4	619	14.99	-0.35	-12.05	-11.97	-0.42	-0.93	0.10	8.74e-03	0.02	0.09	0.03
		620	14.91	-0.22	-11.85	-11.64	-0.43	-1.57	0.14	-0.04	0.02	0.08	0.08
		791	85.54	68.12	0.09	68.12	0.09	-0.33	0.11	-0.06	0.05	-1.63e-04	0.08
		792	89.16	70.98	0.08	70.98	0.08	-0.11	0.07	-0.02	0.05	-2.17e-04	0.03
708	1	618	7.13	0.38	-1.88	-1.41	-0.09	-0.92	0.26	-0.35	-0.02	-0.06	0.30
		619	6.51	0.66	-1.51	-0.76	-0.09	-1.03	0.20	-0.31	-0.03	-0.08	0.26
		792	8.50	5.32	0.05	5.31	0.05	-0.22	0.23	-0.28	-0.06	4.73e-05	0.25
		793	11.50	7.83	0.04	7.82	0.04	-0.22	0.28	-0.32	-0.05	-2.42e-04	0.30
708	2	618	39.30	-1.16	-31.59	-31.59	-1.16	0.34	0.27	0.04	0.07	0.25	-0.07
		619	39.23	-1.10	-31.55	-31.49	-1.16	-1.32	0.27	0.03	0.06	0.24	0.08
		792	238.16	189.53	0.19	189.53	0.20	-0.44	0.18	-0.03	0.15	-3.25e-04	0.08
		793	239.55	190.63	0.19	190.63	0.19	0.28	0.18	-0.03	0.15	-7.56e-04	-0.07
708	3	618	4.24	-0.09	-3.10	-3.08	-0.11	-0.24	0.08	-0.09	-3.96e-03	-2.43e-03	0.09
		619	4.19	-0.04	-2.95	-2.89	-0.10	-0.42	0.08	-0.09	-6.36e-03	-8.11e-03	0.08
		792	20.63	16.42	0.04	16.42	0.04	-0.08	0.08	-0.09	-8.72e-03	3.31e-06	0.08
		793	21.64	17.25	0.04	17.25	0.04	-0.06	0.08	-0.09	-5.59e-03	-1.36e-04	0.09
708	4	618	14.97	-0.42	-12.03	-12.02	-0.42	0.13	0.10	0.02	0.02	0.09	-0.02
		619	14.95	-0.40	-12.01	-11.99	-0.42	-0.50	0.10	8.44e-03	0.02	0.09	0.03
		792	89.18	71.00	0.09	71.00	0.09	-0.14	0.07	-0.01	0.05	-1.07e-04	0.03
		793	89.70	71.41	0.08	71.41	0.08	0.08	0.06	-8.78e-03	0.05	-2.88e-04	-0.02
709	1	617	7.19	0.08	-2.11	-1.93	-0.11	-0.61	0.30	-0.37	-0.02	-0.05	0.34
		618	6.78	0.24	-1.78	-1.44	-0.10	-0.75	0.26	-0.35	-0.03	-0.06	0.30
		793	11.47	7.86	0.05	7.86	0.05	-0.16	0.28	-0.32	-0.05	1.18e-04	0.30
		794	13.63	9.63	0.05	9.63	0.05	-0.15	0.31	-0.35	-0.04	-3.29e-04	0.33
709	2	617	38.88	-0.85	-31.19	-30.85	-1.19	3.17	0.39	-0.08	0.07	0.24	-0.22
		618	39.37	-1.07	-31.64	-31.56	-1.15	1.51	0.27	0.04	0.06	0.25	-0.07
		793	239.54	190.60	0.18	190.60	0.18	0.06	0.18	-0.03	0.15	-1.31e-04	-0.07
		794	232.68	185.17	0.21	185.17	0.21	0.79	0.30	-0.16	0.14	-9.94e-04	-0.22
709	3	617	4.24	-0.11	-3.17	-3.17	-0.11	0.08	0.09	-0.09	-2.31e-03	2.06e-03	0.09
		618	4.12	-0.10	-3.09	-3.09	-0.11	-0.11	0.08	-0.09	-4.99e-03	-2.75e-03	0.09
		793	21.64	17.26	0.04	17.26	0.04	-0.02	0.08	-0.09	-5.01e-03	5.13e-05	0.09
		794	21.74	17.35	0.04	17.35	0.04	-3.64e-03	0.09	-0.09	-3.00e-03	-1.95e-04	0.09
709	4	617	14.77	-0.31	-11.87	-11.74	-0.43	1.20	0.14	-0.03	0.02	0.09	-0.08
		618	15.00	-0.39	-12.04	-12.02	-0.42	0.56	0.10	0.01	0.02	0.09	-0.02
		793	89.70	71.40	0.08	71.40	0.08	0.04	0.06	-8.46e-03	0.05	-2.22e-05	-0.02
		794	87.12	69.37	0.09	69.36	0.09	0.27	0.11	-0.06	0.05	-3.91e-04	-0.08
710	1	616	7.00	-0.10	-2.29	-2.26	-0.13	-0.26	0.34	-0.39	-0.01	-0.03	0.36
		617	6.84	-0.01	-2.04	-1.94	-0.11	-0.44	0.30	-0.37	-0.02	-0.05	0.34
		794	13.59	9.66	0.05	9.66	0.05	-0.09	0.32	-0.35	-0.04	2.57e-04	0.33
		795	14.78	10.62	0.05	10.62	0.05	-0.08	0.34	-0.37	-0.03	-4.92e-04	0.36
710	2	616	40.20	0.01	-30.47	-29.22	-1.23	6.04	0.52	-0.23	0.06	0.23	-0.37
		617	39.51	-0.51	-31.39	-30.76	-1.14	4.36	0.39	-0.09	0.06	0.24	-0.22
		794	232.60	185.06	0.16	185.06	0.16	0.57	0.30	-0.16	0.15	2.42e-04	-0.22
		795	217.39	173.04	0.22	173.03	0.23	1.31	0.43	-0.30	0.13	-1.41e-03	-0.36
710	3	616	4.49	-0.07	-3.19	-3.13	-0.12	0.40	0.09	-0.08	-7.92e-04	5.55e-03	0.09
		617	4.36	-0.10	-3.18	-3.17	-0.11	0.20	0.09	-0.09	-4.28e-03	1.44e-03	0.09



		794	21.72	17.35	0.04	17.35	0.04	0.04	0.09	-0.09	-2.00e-03	1.42e-04	0.09
		795	20.88	16.69	0.05	16.69	0.05	0.06	0.08	-0.09	-1.34e-03	-3.00e-04	0.08
710	4	616	15.21	0.01	-11.58	-11.12	-0.45	2.27	0.19	-0.08	0.02	0.08	-0.13
		617	14.98	-0.19	-11.94	-11.71	-0.42	1.62	0.14	-0.03	0.02	0.09	-0.08
		794	87.10	69.32	0.07	69.32	0.07	0.23	0.11	-0.05	0.05	1.37e-04	-0.08
		795	81.39	64.81	0.10	64.81	0.10	0.47	0.15	-0.11	0.05	-5.73e-04	-0.13
711	1	615	7.07	-0.14	-2.43	-2.42	-0.15	0.13	0.36	-0.39	-8.86e-03	-0.02	0.38
		616	6.64	-0.12	-2.27	-2.27	-0.12	-0.08	0.33	-0.39	-0.02	-0.03	0.36
		795	14.73	10.63	0.05	10.63	0.05	-0.03	0.35	-0.37	-0.03	5.35e-04	0.36
		796	14.85	10.70	0.06	10.70	0.06	-4.72e-03	0.36	-0.39	-0.02	-8.67e-04	0.38
711	2	615	42.34	1.53	-29.49	-26.65	-1.30	8.94	0.64	-0.37	0.06	0.21	-0.50
		616	41.30	0.64	-30.84	-29.06	-1.13	7.26	0.51	-0.24	0.05	0.22	-0.37
		795	217.25	172.83	0.14	172.82	0.14	1.08	0.44	-0.30	0.14	1.02e-03	-0.36
		796	193.51	154.09	0.24	154.07	0.26	1.85	0.55	-0.44	0.11	-2.22e-03	-0.49
711	3	615	4.69	0.05	-3.15	-2.97	-0.13	0.74	0.09	-0.08	9.25e-04	8.20e-03	0.08
		616	4.65	-0.02	-3.22	-3.12	-0.11	0.53	0.09	-0.09	-4.46e-03	4.39e-03	0.09
		795	20.88	16.68	0.04	16.68	0.04	0.10	0.09	-0.08	4.57e-04	3.23e-04	0.09
		796	19.06	15.22	0.05	15.22	0.05	0.12	0.08	-0.08	-7.15e-04	-5.24e-04	0.08
711	4	615	15.93	0.57	-11.19	-10.14	-0.48	3.36	0.23	-0.13	0.02	0.08	-0.18
		616	15.58	0.24	-11.71	-11.06	-0.41	2.71	0.18	-0.09	0.02	0.08	-0.13
		795	81.34	64.74	0.06	64.73	0.07	0.43	0.16	-0.11	0.05	4.66e-04	-0.13
		796	72.44	57.71	0.10	57.70	0.11	0.67	0.20	-0.16	0.04	-9.25e-04	-0.18
712	1	614	8.04	-0.04	-2.53	-2.41	-0.17	0.55	0.38	-0.39	-2.66e-03	-8.66e-03	0.39
		615	7.44	-0.09	-2.46	-2.42	-0.13	0.31	0.36	-0.40	-0.02	-0.02	0.38
		796	14.78	10.70	0.05	10.70	0.05	0.05	0.37	-0.38	-0.02	1.11e-03	0.38
		797	13.78	9.79	0.07	9.79	0.07	0.08	0.38	-0.40	-0.02	-1.96e-03	0.39
712	2	614	45.21	3.80	-28.32	-23.08	-1.44	11.87	0.73	-0.49	0.06	0.18	-0.61
		615	43.96	2.54	-30.05	-26.42	-1.08	10.25	0.62	-0.40	0.03	0.20	-0.50
		796	193.36	153.78	0.09	153.77	0.10	1.59	0.56	-0.43	0.13	2.88e-03	-0.49
		797	160.84	128.16	0.27	128.12	0.32	2.42	0.65	-0.57	0.09	-3.97e-03	-0.61
712	3	614	4.87	0.26	-3.07	-2.66	-0.15	1.09	0.08	-0.07	3.48e-03	0.01	0.08
		615	4.91	0.14	-3.20	-2.95	-0.11	0.88	0.08	-0.08	-5.94e-03	6.05e-03	0.08
		796	19.07	15.20	0.03	15.20	0.04	0.16	0.08	-0.08	2.66e-03	7.17e-04	0.08
		797	16.19	12.92	0.05	12.92	0.06	0.19	0.08	-0.08	-1.55e-03	-1.11e-03	0.08
712	4	614	16.93	1.42	-10.73	-8.79	-0.52	4.45	0.26	-0.18	0.02	0.07	-0.22
		615	16.50	0.94	-11.39	-10.06	-0.39	3.83	0.22	-0.14	8.16e-03	0.07	-0.18
		796	72.38	57.59	0.04	57.59	0.05	0.62	0.20	-0.15	0.04	1.24e-03	-0.18
		797	60.19	47.99	0.11	47.98	0.13	0.89	0.23	-0.21	0.03	-1.70e-03	-0.22
713	1	613	8.91	0.19	-2.62	-2.22	-0.21	0.98	0.39	-0.39	5.72e-03	-5.10e-03	0.39
		614	8.48	0.10	-2.62	-2.39	-0.13	0.75	0.37	-0.40	-0.02	-0.01	0.39
		797	13.75	9.77	0.04	9.77	0.04	0.12	0.38	-0.39	-7.83e-03	2.57e-03	0.39
		798	11.72	7.83	0.07	7.82	0.08	0.17	0.38	-0.41	-0.02	-5.98e-03	0.40
713	2	613	48.67	6.87	-27.00	-18.42	-1.71	14.73	0.83	-0.59	0.08	0.17	-0.71
		614	47.63	5.45	-29.14	-22.77	-0.93	13.42	0.70	-0.55	-1.06e-03	0.16	-0.62
		797	160.72	127.73	-0.01	127.69	0.02	2.08	0.67	-0.55	0.11	8.37e-03	-0.61
		798	119.24	95.06	0.32	94.96	0.42	3.08	0.74	-0.69	0.06	-8.46e-03	-0.71
713	3	613	5.05	0.57	-2.98	-2.23	-0.18	1.44	0.08	-0.06	8.30e-03	0.01	0.07
		614	5.19	0.42	-3.15	-2.63	-0.10	1.26	0.07	-0.08	-9.86e-03	6.09e-03	0.08
		797	16.21	12.88	0.02	12.88	0.03	0.22	0.08	-0.07	5.23e-03	1.78e-03	0.08
		798	12.22	9.75	0.06	9.74	0.07	0.27	0.07	-0.08	-5.86e-03	-3.05e-03	0.07
713	4	613	18.15	2.55	-10.21	-7.03	-0.63	5.52	0.30	-0.21	0.03	0.06	-0.25
		614	17.78	2.01	-11.02	-8.67	-0.34	5.01	0.25	-0.20	-3.76e-03	0.06	-0.22
		797	60.16	47.83	6.81e-03	47.82	0.02	0.80	0.24	-0.20	0.04	3.50e-03	-0.22
		798	44.64	35.60	0.13	35.56	0.17	1.13	0.26	-0.25	0.02	-3.78e-03	-0.26
714	1	612	9.68	0.57	-2.68	-1.85	-0.26	1.42	0.39	-0.41	0.02	-0.04	0.40
		613	9.57	0.48	-2.78	-2.19	-0.11	1.26	0.37	-0.42	-0.04	-0.01	0.39
		798	11.77	7.79	0.02	7.78	0.03	0.20	0.39	-0.38	2.30e-04	7.90e-03	0.39
		799	9.37	4.73	0.08	4.72	0.10	0.28	0.39	-0.48	-0.06	-0.02	0.44
714	2	612	52.32	10.76	-25.22	-12.37	-2.09	17.24	0.97	-0.61	0.14	0.23	-0.79
		613	52.72	9.73	-28.36	-18.01	-0.62	16.94	0.75	-0.69	-0.05	0.11	-0.72
		798	119.15	94.41	-0.17	94.34	-0.10	2.55	0.78	-0.64	0.12	0.03	-0.71
		799	70.43	54.57	0.25	54.29	0.52	3.86	0.83	-0.81	0.04	-0.02	-0.82
714	3	612	5.22	0.97	-2.83	-1.64	-0.22	1.77	0.08	-0.06	0.02	3.40e-03	0.07
		613	5.60	0.86	-3.11	-2.19	-0.07	1.68	0.06	-0.08	-0.02	2.31e-03	0.07
		798	12.28	9.69	5.50e-03	9.68	0.01	0.28	0.08	-0.06	9.28e-03	5.48e-03	0.07
		799	7.19	5.68	0.06	5.66	0.08	0.36	0.06	-0.09	-0.02	-0.01	0.08
714	4	612	19.46	4.00	-9.51	-4.75	-0.76	6.45	0.35	-0.22	0.05	0.08	-0.28
		613	19.61	3.60	-10.70	-6.88	-0.22	6.33	0.27	-0.25	-0.03	0.04	-0.26
		798	44.59	35.36	-0.05	35.33	-0.02	0.98	0.28	-0.23	0.04	0.01	-0.26
		799	26.35	20.45	0.11	20.35	0.21	1.42	0.29	-0.29	0.01	-0.01	-0.29
715	1	611	9.86	1.16	-2.13	-0.92	-0.05	1.59	0.32	-0.49	0.06	-0.23	0.38
		612	11.33	1.02	-3.09	-1.86	-0.20	1.88	0.33	-0.51	-0.11	-0.07	0.42
		799	8.82	4.67	-0.02	4.65	-2.82e-03	0.28	0.39	-0.39	-0.03	0.02	0.39
		800	10.32	0.71	-0.38	0.25	0.08	0.54	0.51	-0.62	-0.08	-0.03	0.56
715	2	611	51.67	17.27	-17.52	-1.13	0.88	17.37	1.29	-0.43	0.34	0.53	-0.86
		612	60.35	14.68	-28.95	-12.30	-1.97	21.20	0.81	-0.83	-0.14	0.12	-0.81
		799	69.32	53.61	-0.55	53.41	-0.36	3.23	1.02	-0.71	0.25	0.07	-0.86



715	3	800	28.30	8.36	-3.73	4.28	0.35	5.72	0.82	-1.06	-0.15	-0.09	-0.94
		611	4.91	1.65	-2.05	-0.48	0.08	1.83	0.08	-0.07	0.05	-0.04	0.06
		612	6.41	1.38	-3.22	-1.64	-0.21	2.19	0.04	-0.11	-0.06	-0.02	0.08
		799	7.21	5.59	-0.04	5.57	-0.02	0.36	0.07	-0.05	0.01	0.02	0.06
715	4	800	3.17	0.87	-0.35	0.46	0.07	0.58	0.08	-0.15	-0.05	-0.02	0.12
		611	19.17	6.42	-6.61	-0.55	0.35	6.50	0.47	-0.15	0.14	0.19	-0.31
		612	22.35	5.43	-10.89	-4.73	-0.73	7.91	0.28	-0.31	-0.07	0.04	-0.29
		799	25.94	20.09	-0.20	20.02	-0.12	1.23	0.37	-0.25	0.09	0.03	-0.31
716	1	800	10.20	3.14	-1.35	1.65	0.15	2.11	0.28	-0.38	-0.07	-0.04	-0.33
		4	10.20	6.02	-0.87	4.86	0.28	-2.57	0.17	-0.38	0.15	-0.36	0.09
		611	19.31	2.26	-5.42	-2.39	-0.77	3.75	0.08	-1.15	-0.46	-0.61	0.61
		800	13.49	1.25	-0.04	0.71	0.50	-0.64	0.39	-1.03	-0.55	-0.09	0.67
716	2	47	27.98	0.41	-9.74	-7.32	-2.01	4.32	2.15	0.87	2.14	0.88	-0.12
		4	100.29	75.97	-0.48	65.13	10.36	-26.66	0.35	-0.50	0.34	-0.48	-0.11
		611	102.83	22.24	-52.73	-17.14	-13.35	37.43	1.86	-0.72	-4.10e-03	1.15	-1.15
		800	41.70	13.17	0.02	9.84	3.35	-5.72	2.02	-1.13	1.09	-0.20	-1.44
716	3	47	164.63	6.57	-103.24	-77.75	-18.92	46.37	-0.37	-4.27	-4.24	-0.41	0.38
		4	11.00	7.69	-0.42	6.48	0.79	-2.89	0.09	-0.19	0.09	-0.18	0.02
		611	11.22	2.32	-5.78	-2.22	-1.24	4.02	-0.03	-0.26	-0.17	-0.12	0.11
		800	3.83	1.47	0.01	1.06	0.41	-0.65	0.04	-0.20	-0.11	-0.05	0.11
716	4	47	16.49	0.71	-11.00	-8.22	-2.07	4.99	0.40	0.29	0.40	0.29	-0.01
		4	37.80	28.42	-0.31	24.34	3.77	-10.03	0.15	-0.22	0.14	-0.22	-0.04
		611	38.05	8.25	-19.80	-6.59	-4.97	14.00	0.64	-0.28	-0.04	0.40	-0.41
		800	15.22	5.01	0.02	3.77	1.26	-2.16	0.71	-0.42	0.38	-0.09	-0.51
717	1	47	61.11	2.54	-38.71	-29.09	-7.08	17.44	-0.08	-1.50	-1.49	-0.09	0.14
		591	60.68	25.24	-1.13	24.05	0.06	-5.47	-0.10	-4.76	-1.83	-3.03	-2.26
		97	49.87	26.60	-0.96	24.35	1.30	-7.56	0.47	-1.88	0.25	-1.66	-0.69
		343	242.69	-16.96	-147.12	-147.11	-16.97	1.31	8.84	3.69	8.74	3.78	0.68
717	2	801	204.46	10.77	-135.88	-135.88	10.77	-0.27	1.32	-4.48	-2.68	-0.48	-2.68
		591	114.43	55.94	-46.88	18.72	-9.66	-49.41	-0.87	-1.68	-1.68	-0.87	-0.01
		97	114.02	80.56	8.36	80.27	8.65	-4.52	0.85	-2.19	0.85	-2.19	-0.07
		343	399.33	-45.53	-337.24	-333.21	-49.56	-34.06	2.48	1.16	1.18	2.47	0.16
717	3	801	300.22	24.89	-224.90	-224.86	24.86	3.08	-0.50	-0.60	-0.56	-0.55	0.05
		591	25.91	10.86	-3.19	8.33	-0.66	-5.39	-0.16	-1.55	-0.72	-1.00	-0.68
		97	23.13	13.64	0.42	13.11	0.94	-2.58	0.21	-0.77	0.16	-0.72	-0.21
		343	102.53	-8.69	-69.05	-68.97	-8.77	-2.23	2.79	1.35	2.76	1.39	0.22
717	4	801	83.10	5.08	-57.37	-57.37	5.08	0.16	0.34	-1.40	-0.86	-0.20	-0.80
		591	42.45	20.73	-17.51	6.75	-3.54	-18.41	-0.35	-0.67	-0.67	-0.36	-0.02
		97	42.84	29.79	3.01	29.68	3.12	-1.68	0.34	-0.88	0.34	-0.88	-0.03
		343	149.22	-16.92	-125.62	-124.11	-18.43	-12.71	1.01	0.50	0.51	1.00	0.07
718	1	801	111.93	9.27	-83.75	-83.73	9.25	1.15	-0.22	-0.23	-0.23	-0.22	5.02e-03
		590	39.75	21.20	-2.12	19.93	-0.84	-5.30	0.52	-1.85	-0.52	-0.80	-1.18
		591	51.33	25.29	0.02	24.23	1.09	-5.08	0.80	-2.44	-0.06	-1.58	-1.43
		801	178.02	-2.23	-135.93	-135.91	-2.25	-1.60	1.76	-2.40	-0.61	-0.03	-2.06
718	2	802	159.33	1.34	-121.88	-121.87	1.33	-0.99	0.93	-1.38	-0.50	0.04	-1.12
		590	82.92	41.94	-30.22	14.82	-3.10	-34.95	-0.19	-0.72	-0.62	-0.29	0.21
		591	79.80	51.35	-18.54	31.12	1.69	-31.69	0.74	-0.29	0.64	-0.20	0.30
		801	289.12	-3.83	-229.28	-228.92	-4.19	-9.04	-0.18	-0.75	-0.63	-0.29	-0.23
718	3	802	185.94	2.48	-146.73	-146.55	2.29	-5.25	0.59	-0.22	0.16	0.21	0.40
		590	16.92	8.79	-2.40	6.86	-0.47	-4.23	0.09	-0.58	-0.22	-0.27	-0.34
		591	20.95	10.84	-1.03	9.35	0.46	-3.93	0.26	-0.71	0.05	-0.49	-0.40
		801	74.80	-0.94	-57.72	-57.70	-0.97	-1.14	0.51	-0.80	-0.25	-0.04	-0.65
718	4	802	61.18	0.59	-47.28	-47.27	0.58	-0.71	0.26	-0.36	-0.13	0.03	-0.30
		590	30.79	15.52	-11.31	5.35	-1.14	-13.02	-0.08	-0.28	-0.25	-0.11	0.07
		591	29.56	19.00	-6.97	11.39	0.64	-11.82	0.29	-0.12	0.26	-0.08	0.11
		801	107.82	-1.41	-85.39	-85.26	-1.54	-3.34	-0.06	-0.31	-0.25	-0.12	-0.10
719	1	802	69.28	0.93	-54.65	-54.58	0.86	-1.97	0.23	-0.08	0.06	0.08	0.15
		589	32.30	18.50	-1.71	17.03	-0.24	-5.25	0.41	-1.15	-0.25	-0.49	-0.77
		590	40.46	21.54	-0.95	20.20	0.40	-5.34	0.72	-1.54	-0.10	-0.72	-1.09
		802	158.89	-0.26	-121.96	-121.95	-0.27	-1.09	0.96	-1.60	-0.57	-0.07	-1.26
719	2	803	139.47	0.22	-108.60	-108.59	0.21	-1.18	0.65	-0.92	-0.29	0.02	-0.77
		589	71.23	32.53	-28.55	5.21	-1.23	-30.37	0.15	-0.47	-0.24	-0.08	0.30
		590	74.85	39.39	-25.74	15.12	-1.48	-31.49	0.41	-0.19	0.22	-1.46e-03	0.28
		802	184.39	0.24	-146.04	-145.76	-0.04	-6.34	0.01	-0.38	-0.26	-0.11	0.18
719	3	803	93.80	0.59	-73.92	-73.58	0.25	-5.06	0.38	-0.25	0.06	0.07	0.32
		589	13.49	7.31	-2.16	5.30	-0.15	-3.87	0.08	-0.33	-0.10	-0.15	-0.21
		590	16.74	8.78	-1.80	6.96	0.02	-3.99	0.21	-0.43	-6.86e-03	-0.21	-0.30
		802	61.14	-0.06	-47.25	-47.24	-0.07	-0.78	0.26	-0.48	-0.19	-0.03	-0.36
719	4	803	48.33	0.11	-37.80	-37.78	0.09	-0.75	0.18	-0.24	-0.08	0.01	-0.21
		589	26.49	12.04	-10.70	1.79	-0.45	-11.31	0.05	-0.18	-0.10	-0.03	0.11
		590	27.81	14.58	-9.66	5.46	-0.54	-11.74	0.16	-0.07	0.09	-6.87e-04	0.10
		802	68.73	0.10	-54.39	-54.29	-7.94e-04	-2.34	-4.82e-03	-0.14	-0.10	-0.05	0.06
720	1	803	34.96	0.24	-27.54	-27.41	0.10	-1.91	0.14	-0.09	0.03	0.03	0.12
		588	26.74	15.83	-1.81	14.06	-0.04	-5.30	0.24	-0.79	-0.17	-0.39	-0.50
		589	32.88	18.44	-1.41	16.92	0.10	-5.26	0.50	-1.08	-0.11	-0.47	-0.77
		803	139.69	5.68e-03	-108.45	-108.43	-4.70e-03	-1.06	0.63	-1.01	-0.36	-0.02	-0.80
		804	121.96	0.06	-95.32	-95.30	0.05	-1.14	0.42	-0.65	-0.24	8.17e-03	-0.52



720	2	588	62.93	24.34	-29.19	-3.66	-1.19	-26.74	0.24	-0.38	-0.12	-0.02	0.31
		589	66.84	30.23	-27.30	4.57	-1.64	-28.60	0.34	-0.23	0.08	0.02	0.28
		803	92.14	0.77	-73.03	-72.62	0.36	-5.48	0.22	-0.36	-0.11	-0.03	0.28
		804	18.15	2.00	-10.49	-8.56	0.07	-4.51	0.32	-0.27	0.02	0.02	0.29
720	3	588	11.00	5.93	-2.25	3.76	-0.09	-3.61	0.04	-0.22	-0.06	-0.12	-0.13
		589	13.53	7.16	-2.03	5.22	-0.08	-3.75	0.14	-0.30	-0.02	-0.14	-0.21
		803	48.43	0.05	-37.68	-37.66	0.04	-0.71	0.16	-0.29	-0.12	-9.50e-03	-0.22
		804	36.99	0.05	-28.91	-28.89	0.03	-0.70	0.11	-0.17	-0.07	4.59e-03	-0.13
720	4	588	23.42	9.01	-10.93	-1.49	-0.43	-9.96	0.09	-0.14	-0.05	-8.43e-03	0.11
		589	24.88	11.20	-10.24	1.55	-0.60	-10.67	0.13	-0.08	0.03	9.00e-03	0.10
		803	34.35	0.30	-27.20	-27.05	0.15	-2.02	0.08	-0.13	-0.04	-0.01	0.10
		804	6.77	0.77	-3.92	-3.19	0.04	-1.70	0.12	-0.10	9.71e-03	8.41e-03	0.11
721	1	587	21.78	13.34	-2.09	11.27	-0.02	-5.26	0.08	-0.53	-0.13	-0.32	-0.29
		588	26.86	15.65	-1.72	13.91	0.01	-5.21	0.29	-0.77	-0.11	-0.37	-0.51
		804	121.94	0.06	-95.13	-95.11	0.05	-1.05	0.40	-0.68	-0.27	-6.67e-03	-0.52
		805	105.02	0.03	-82.24	-82.23	0.02	-1.09	0.22	-0.43	-0.21	3.18e-03	-0.31
721	2	587	56.62	17.54	-30.10	-11.29	-1.26	-23.29	0.27	-0.32	-0.06	0.01	0.29
		588	59.80	22.49	-28.32	-4.29	-1.55	-25.37	0.32	-0.26	0.03	0.03	0.29
		804	17.90	2.59	-9.96	-7.73	0.36	-4.80	0.26	-0.33	-0.05	-0.01	0.30
		805	61.77	48.74	-0.23	48.43	0.09	-3.92	0.29	-0.27	0.01	8.26e-03	0.28
721	3	587	8.87	4.69	-2.41	2.37	-0.09	-3.33	4.34e-04	-0.14	-0.04	-0.10	-0.07
		588	10.91	5.75	-2.18	3.67	-0.10	-3.49	0.07	-0.21	-0.03	-0.11	-0.13
		804	36.97	0.07	-28.78	-28.77	0.05	-0.66	0.10	-0.19	-0.09	-3.16e-03	-0.13
		805	26.55	0.05	-20.69	-20.67	0.03	-0.64	0.05	-0.11	-0.06	1.80e-03	-0.07
721	4	587	21.10	6.50	-11.27	-4.32	-0.46	-8.67	0.10	-0.12	-0.03	3.17e-03	0.11
		588	22.29	8.34	-10.63	-1.72	-0.56	-9.46	0.12	-0.09	0.01	0.01	0.11
		804	6.60	0.96	-3.69	-2.88	0.15	-1.77	0.10	-0.12	-0.02	-4.55e-03	0.11
		805	23.02	18.17	-0.08	18.05	0.05	-1.48	0.11	-0.10	5.25e-03	3.31e-03	0.10
722	1	586	17.32	11.10	-2.41	8.73	-0.03	-5.15	-0.04	-0.32	-0.10	-0.27	-0.11
		587	21.67	13.12	-2.03	11.12	-0.03	-5.13	0.11	-0.52	-0.10	-0.31	-0.30
		805	104.90	0.07	-82.05	-82.04	0.06	-1.02	0.21	-0.44	-0.22	-2.73e-03	-0.30
		806	88.70	0.03	-69.55	-69.53	0.02	-1.04	0.07	-0.24	-0.18	1.26e-03	-0.13
722	2	586	51.87	12.00	-31.04	-17.74	-1.30	-19.89	0.27	-0.27	-0.03	0.03	0.27
		587	54.12	15.97	-29.31	-11.84	-1.50	-22.04	0.31	-0.26	0.01	0.03	0.28
		805	62.90	49.49	-0.02	49.14	0.33	-4.16	0.27	-0.30	-0.02	-5.07e-03	0.29
		806	122.12	97.55	5.27e-03	97.43	0.12	-3.31	0.27	-0.25	0.02	3.86e-03	0.26
722	3	586	7.03	3.62	-2.59	1.13	-0.10	-3.04	-0.03	-0.08	-0.03	-0.08	-0.01
		587	8.68	4.52	-2.34	2.28	-0.11	-3.21	0.02	-0.13	-0.03	-0.09	-0.07
		805	26.48	0.07	-20.57	-20.55	0.06	-0.60	0.04	-0.11	-0.07	-1.34e-03	-0.07
		806	17.03	0.05	-13.18	-13.16	0.03	-0.58	6.91e-03	-0.06	-0.05	7.83e-04	-0.02
722	4	586	19.35	4.45	-11.63	-6.71	-0.47	-7.41	0.10	-0.10	-0.01	0.01	0.10
		587	20.20	5.93	-11.00	-4.52	-0.55	-8.23	0.11	-0.09	5.37e-03	0.01	0.10
		805	23.43	18.44	8.10e-03	18.31	0.14	-1.53	0.10	-0.11	-9.64e-03	-2.03e-03	0.10
		806	45.52	36.36	0.01	36.31	0.06	-1.26	0.10	-0.09	5.13e-03	1.55e-03	0.10
723	1	585	13.81	9.12	-2.73	6.45	-0.06	-4.95	-0.07	-0.23	-0.08	-0.22	0.03
		586	17.08	10.87	-2.35	8.59	-0.07	-4.99	-0.03	-0.32	-0.08	-0.26	-0.12
		806	88.53	0.08	-69.36	-69.34	0.07	-0.97	0.06	-0.25	-0.18	-1.33e-03	-0.13
		807	73.14	0.04	-57.39	-57.37	0.02	-0.98	3.97e-03	-0.15	-0.15	4.11e-04	0.02
723	2	585	48.37	7.57	-31.96	-23.07	-1.32	-16.51	0.26	-0.23	-0.02	0.05	0.24
		586	49.77	10.64	-30.32	-18.21	-1.47	-18.69	0.29	-0.24	7.35e-03	0.04	0.26
		806	122.95	98.16	0.18	98.03	0.31	-3.54	0.26	-0.27	-3.23e-03	-2.57e-03	0.27
		807	173.25	138.56	0.09	138.51	0.14	-2.71	0.25	-0.22	0.02	1.91e-03	0.24
723	3	585	6.35	2.70	-2.75	0.05	-0.11	-2.72	-0.01	-0.08	-0.03	-0.06	0.03
		586	6.79	3.44	-2.51	1.05	-0.12	-2.92	-0.02	-0.08	-0.03	-0.07	-0.02
		806	16.94	0.08	-13.08	-13.06	0.06	-0.54	4.91e-03	-0.06	-0.06	-6.61e-04	-0.02
		807	8.48	0.07	-6.45	-6.41	0.03	-0.52	0.01	-0.05	-0.04	3.29e-04	0.02
723	4	585	18.07	2.81	-11.98	-8.69	-0.48	-6.15	0.09	-0.08	-7.13e-03	0.02	0.09
		586	18.60	3.96	-11.37	-6.88	-0.53	-6.98	0.11	-0.09	2.22e-03	0.02	0.10
		806	45.82	36.58	0.08	36.54	0.13	-1.30	0.10	-0.10	-2.57e-03	-1.03e-03	0.10
		807	64.55	51.64	0.04	51.62	0.06	-1.03	0.09	-0.08	6.63e-03	7.73e-04	0.09
724	1	584	13.80	7.38	-3.02	4.45	-0.09	-4.68	0.04	-0.29	-0.06	-0.18	0.15
		585	13.39	8.88	-2.65	6.32	-0.10	-4.79	-0.07	-0.22	-0.07	-0.22	0.03
		807	72.97	0.08	-57.21	-57.19	0.07	-0.91	2.93e-03	-0.16	-0.15	-7.13e-04	0.02
		808	58.56	0.04	-45.92	-45.91	0.03	-0.90	0.10	-0.22	-0.12	1.27e-05	0.15
724	2	584	45.84	4.13	-32.81	-27.34	-1.34	-13.12	0.24	-0.18	-3.75e-03	0.06	0.20
		585	46.59	6.41	-31.31	-23.45	-1.45	-15.32	0.27	-0.21	6.07e-03	0.05	0.24
		807	173.76	139.06	0.23	139.00	0.29	-2.94	0.24	-0.23	0.01	-1.37e-03	0.24
		808	214.75	171.70	0.13	171.68	0.16	-2.11	0.22	-0.19	0.03	9.09e-04	0.20
724	3	584	6.25	1.93	-2.90	-0.86	-0.12	-2.39	0.03	-0.10	-0.02	-0.05	0.06
		585	6.07	2.53	-2.67	-0.01	-0.13	-2.60	-8.77e-03	-0.07	-0.02	-0.06	0.03
		807	8.39	0.09	-6.36	-6.32	0.06	-0.47	9.98e-03	-0.06	-0.05	-3.52e-04	0.02
		808	1.94	0.29	-0.74	-0.48	0.03	-0.45	0.04	-0.08	-0.04	1.07e-04	0.06
724	4	584	17.15	1.54	-12.30	-10.28	-0.49	-4.89	0.09	-0.07	-2.79e-03	0.02	0.08
		585	17.44	2.39	-11.75	-8.83	-0.53	-5.72	0.10	-0.08	1.41e-03	0.02	0.09
		807	64.76	51.83	0.10	51.81	0.12	-1.07	0.09	-0.09	2.63e-03	-5.48e-04	0.09
		808	80.03	64.00	0.06	63.99	0.07	-0.81	0.08	-0.07	8.62e-03	3.73e-04	0.07
725	1	583	13.94	5.86	-3.26	2.71	-0.11	-4.34	0.16	-0.36	-0.05	-0.14	0.25



		584	13.40	7.13	-2.93	4.33	-0.12	-4.51	0.04	-0.28	-0.06	-0.18	0.15
		808	58.39	0.09	-45.76	-45.74	0.07	-0.84	0.10	-0.22	-0.12	-4.08e-04	0.15
		809	45.12	0.05	-35.31	-35.29	0.03	-0.82	0.20	-0.30	-0.10	-1.73e-04	0.25
725	2	583	44.09	1.59	-33.54	-30.59	-1.35	-9.74	0.20	-0.13	3.78e-03	0.07	0.16
		584	44.40	3.19	-32.27	-27.64	-1.43	-11.94	0.24	-0.17	7.17e-03	0.06	0.20
		808	215.13	172.10	0.24	172.07	0.28	-2.33	0.21	-0.19	0.02	-7.47e-04	0.20
		809	246.41	196.98	0.16	196.97	0.18	-1.51	0.18	-0.14	0.03	3.61e-04	0.16
725	3	583	6.14	1.29	-3.03	-1.62	-0.12	-2.03	0.06	-0.12	-0.02	-0.04	0.09
		584	5.99	1.77	-2.82	-0.92	-0.13	-2.26	0.03	-0.10	-0.02	-0.05	0.06
		808	1.84	0.30	-0.64	-0.40	0.06	-0.41	0.04	-0.08	-0.04	-1.95e-04	0.06
		809	6.41	4.64	3.55e-03	4.61	0.03	-0.38	0.07	-0.10	-0.03	-4.78e-06	0.09
725	4	583	16.52	0.60	-12.58	-11.49	-0.49	-3.63	0.07	-0.05	3.25e-05	0.02	0.06
		584	16.64	1.20	-12.11	-10.39	-0.52	-4.46	0.09	-0.06	1.60e-03	0.02	0.07
		808	80.17	64.15	0.10	64.14	0.12	-0.85	0.08	-0.07	6.59e-03	-2.95e-04	0.07
		809	91.84	73.43	0.07	73.43	0.08	-0.58	0.07	-0.05	0.01	1.53e-04	0.06
726	1	582	14.03	4.55	-3.45	1.24	-0.14	-3.94	0.26	-0.41	-0.04	-0.11	0.33
		583	13.55	5.62	-3.17	2.60	-0.15	-4.17	0.16	-0.35	-0.05	-0.14	0.25
		809	44.97	0.09	-35.15	-35.14	0.07	-0.76	0.20	-0.30	-0.10	-2.40e-04	0.25
		810	33.04	0.06	-25.66	-25.64	0.04	-0.74	0.29	-0.37	-0.08	-2.57e-04	0.33
726	2	582	42.94	-0.13	-34.09	-32.86	-1.37	-6.36	0.17	-0.08	8.71e-03	0.08	0.12
		583	43.01	0.89	-33.13	-30.81	-1.42	-8.56	0.21	-0.12	8.89e-03	0.07	0.16
		809	246.69	197.27	0.25	197.25	0.26	-1.73	0.18	-0.15	0.03	-3.95e-04	0.16
		810	268.22	214.40	0.19	214.40	0.19	-0.91	0.13	-0.10	0.04	3.57e-05	0.11
726	3	582	5.98	0.77	-3.14	-2.23	-0.13	-1.65	0.09	-0.13	-0.01	-0.03	0.11
		583	5.90	1.14	-2.96	-1.67	-0.14	-1.90	0.06	-0.11	-0.02	-0.04	0.09
		809	6.45	4.70	0.03	4.68	0.05	-0.34	0.07	-0.10	-0.03	-1.06e-04	0.09
		810	11.46	8.82	0.03	8.81	0.04	-0.31	0.10	-0.12	-0.02	-6.43e-05	0.11
726	4	582	16.11	-0.04	-12.79	-12.34	-0.50	-2.37	0.06	-0.03	1.87e-03	0.03	0.04
		583	16.14	0.34	-12.43	-11.57	-0.52	-3.20	0.08	-0.05	2.08e-03	0.03	0.06
		809	91.94	73.54	0.10	73.53	0.11	-0.63	0.07	-0.06	9.60e-03	-1.52e-04	0.06
		810	99.98	79.93	0.08	79.93	0.08	-0.36	0.05	-0.04	0.01	2.24e-05	0.04
727	1	581	13.98	3.43	-3.56	0.03	-0.16	-3.49	0.33	-0.46	-0.03	-0.09	0.39
		582	13.65	4.32	-3.34	1.15	-0.17	-3.77	0.26	-0.41	-0.04	-0.11	0.33
		810	32.91	0.09	-25.52	-25.51	0.08	-0.68	0.29	-0.37	-0.08	-1.32e-04	0.33
		811	22.51	0.07	-17.09	-17.07	0.04	-0.64	0.36	-0.42	-0.06	-2.99e-04	0.39
727	2	581	42.45	-1.11	-34.42	-34.15	-1.38	-2.97	0.12	-0.03	0.01	0.08	0.07
		582	42.23	-0.58	-33.82	-33.00	-1.41	-5.18	0.16	-0.08	0.01	0.08	0.12
		810	268.41	214.58	0.24	214.58	0.24	-1.14	0.13	-0.10	0.04	-1.60e-04	0.12
		811	280.20	223.97	0.21	223.97	0.21	-0.32	0.09	-0.05	0.04	-1.97e-04	0.07
727	3	581	5.76	0.38	-3.21	-2.69	-0.14	-1.26	0.11	-0.14	-0.01	-0.02	0.12
		582	5.76	0.65	-3.07	-2.27	-0.14	-1.52	0.09	-0.13	-0.01	-0.03	0.11
		810	11.49	8.87	0.05	8.86	0.05	-0.27	0.10	-0.12	-0.02	-4.77e-05	0.11
		811	15.46	12.09	0.04	12.09	0.04	-0.24	0.11	-0.13	-0.02	-1.03e-04	0.12
727	4	581	15.94	-0.40	-12.92	-12.82	-0.50	-1.10	0.05	-0.01	3.04e-03	0.03	0.03
		582	15.86	-0.20	-12.70	-12.39	-0.51	-1.94	0.06	-0.03	2.44e-03	0.03	0.04
		810	100.04	80.00	0.10	80.00	0.10	-0.40	0.05	-0.04	0.01	-5.59e-05	0.04
		811	104.45	83.51	0.09	83.51	0.09	-0.14	0.03	-0.02	0.01	-7.23e-05	0.03
728	1	580	13.73	2.47	-3.59	-0.95	-0.17	-3.00	0.40	-0.49	-0.03	-0.07	0.44
		581	13.61	3.20	-3.44	-0.06	-0.18	-3.32	0.33	-0.46	-0.03	-0.09	0.39
		811	22.41	0.10	-16.98	-16.96	0.08	-0.59	0.36	-0.42	-0.06	-4.02e-05	0.39
		812	14.29	0.08	-9.70	-9.67	0.05	-0.54	0.41	-0.46	-0.05	-3.38e-04	0.44
728	2	580	42.52	-1.39	-34.48	-34.47	-1.39	0.41	0.09	0.01	0.01	0.09	0.01
		581	42.28	-1.30	-34.31	-34.21	-1.39	-1.80	0.12	-0.03	0.01	0.08	0.07
		811	280.29	224.05	0.23	224.04	0.23	-0.54	0.09	-0.05	0.04	6.61e-05	0.07
		812	282.35	225.69	0.22	225.69	0.22	0.28	0.04	-4.68e-03	0.04	-4.35e-04	0.01
728	3	580	5.45	0.09	-3.24	-3.01	-0.15	-0.85	0.12	-0.15	-7.85e-03	-0.01	0.13
		581	5.55	0.28	-3.15	-2.72	-0.15	-1.13	0.11	-0.14	-0.01	-0.02	0.12
		811	15.48	12.13	0.05	12.13	0.05	-0.19	0.11	-0.13	-0.02	5.46e-06	0.12
		812	18.30	14.42	0.04	14.42	0.04	-0.16	0.13	-0.14	-0.01	-1.42e-04	0.13
728	4	580	15.98	-0.50	-12.94	-12.94	-0.51	0.16	0.03	1.54e-03	3.80e-03	0.03	8.10e-03
		581	15.89	-0.47	-12.88	-12.84	-0.51	-0.68	0.05	-0.01	2.39e-03	0.03	0.03
		811	104.48	83.54	0.10	83.54	0.10	-0.18	0.03	-0.02	0.01	3.70e-05	0.03
		812	105.26	84.16	0.10	84.16	0.10	0.08	0.02	-3.72e-03	0.01	-1.70e-04	7.69e-03
729	1	579	13.29	1.65	-3.54	-1.70	-0.18	-2.48	0.44	-0.51	-0.02	-0.05	0.48
		580	13.37	2.26	-3.47	-1.02	-0.19	-2.83	0.40	-0.49	-0.03	-0.07	0.44
		812	14.15	0.10	-9.60	-9.57	0.07	-0.49	0.41	-0.46	-0.05	7.13e-05	0.44
		813	9.55	0.11	-3.55	-3.50	0.05	-0.44	0.45	-0.49	-0.04	-4.13e-04	0.47
729	2	579	42.35	-0.97	-34.26	-33.82	-1.41	3.78	0.10	-9.66e-04	0.02	0.09	-0.04
		580	42.68	-1.30	-34.53	-34.45	-1.38	1.59	0.09	6.28e-03	8.63e-03	0.08	0.01
		812	282.34	225.66	0.21	225.66	0.21	0.05	0.05	-3.97e-03	0.04	3.82e-04	0.01
		813	274.66	219.56	0.24	219.56	0.24	0.88	0.06	-0.02	0.04	-7.85e-04	-0.04
729	3	579	5.06	-0.09	-3.24	-3.18	-0.15	-0.44	0.13	-0.15	-5.73e-03	-8.65e-03	0.14
		580	5.26	0.02	-3.20	-3.03	-0.15	-0.73	0.12	-0.15	-9.00e-03	-0.01	0.13
		812	18.31	14.45	0.05	14.45	0.05	-0.12	0.13	-0.14	-0.01	7.46e-05	0.13
		813	19.95	15.79	0.05	15.79	0.05	-0.09	0.14	-0.15	-0.01	-2.05e-04	0.14
729	4	579	15.92	-0.35	-12.86	-12.70	-0.51	1.41	0.03	7.48e-04	4.44e-03	0.03	-0.01
		580	16.04	-0.47	-12.96	-12.93	-0.50	0.58	0.03	-2.38e-04	1.68e-03	0.03	7.62e-03



		812	105.26	84.15	0.09	84.15	0.09	0.04	0.02	-3.41e-03	0.01	1.67e-04	7.87e-03
		813	102.40	81.88	0.10	81.88	0.10	0.31	0.02	-6.71e-03	0.01	-3.15e-04	-0.01
730	1	578	12.64	0.98	-3.41	-2.24	-0.19	-1.94	0.48	-0.52	-0.01	-0.03	0.50
		579	12.92	1.46	-3.42	-1.75	-0.20	-2.31	0.44	-0.51	-0.02	-0.05	0.48
		813	9.41	0.12	-3.46	-3.42	0.07	-0.39	0.46	-0.49	-0.04	2.47e-04	0.47
		814	9.04	1.48	-0.03	1.40	0.05	-0.34	0.48	-0.51	-0.03	-5.88e-04	0.50
730	2	578	42.64	0.15	-33.75	-32.16	-1.43	7.15	0.15	-0.04	0.02	0.09	-0.09
		579	42.87	-0.61	-34.46	-33.72	-1.36	4.98	0.10	-0.01	4.49e-03	0.08	-0.04
		813	274.56	219.43	0.19	219.42	0.19	0.65	0.07	-0.02	0.04	9.26e-04	-0.04
		814	257.13	205.58	0.25	205.57	0.26	1.48	0.11	-0.08	0.03	-1.42e-03	-0.09
730	3	578	4.60	-0.15	-3.21	-3.21	-0.15	-0.02	0.14	-0.15	-3.62e-03	-3.61e-03	0.15
		579	4.88	-0.12	-3.22	-3.19	-0.15	-0.32	0.13	-0.15	-7.95e-03	-9.36e-03	0.14
		813	19.95	15.80	0.05	15.80	0.05	-0.05	0.14	-0.15	-9.08e-03	1.89e-04	0.14
		814	20.40	16.17	0.05	16.17	0.05	-9.61e-03	0.14	-0.15	-7.59e-03	-3.31e-04	0.14
730	4	578	15.98	0.07	-12.67	-12.08	-0.52	2.67	0.05	-0.01	5.40e-03	0.03	-0.03
		579	16.11	-0.22	-12.93	-12.66	-0.49	1.85	0.03	-3.83e-03	1.91e-05	0.03	-0.01
		813	102.37	81.83	0.08	81.83	0.08	0.26	0.02	-5.38e-03	0.01	3.89e-04	-0.01
		814	95.87	76.67	0.11	76.67	0.11	0.53	0.03	-0.03	0.01	-5.76e-04	-0.03
731	1	577	11.80	0.43	-3.21	-2.58	-0.20	-1.38	0.51	-0.53	-7.08e-03	-0.02	0.52
		578	12.27	0.81	-3.30	-2.28	-0.21	-1.77	0.47	-0.53	-0.02	-0.03	0.50
		814	8.94	1.51	0.02	1.46	0.07	-0.29	0.49	-0.51	-0.02	5.66e-04	0.50
		815	10.91	5.00	0.05	4.99	0.06	-0.24	0.50	-0.52	-0.02	-1.03e-03	0.51
731	2	577	43.64	2.02	-32.97	-29.48	-1.47	10.48	0.19	-0.09	0.02	0.08	-0.14
		578	43.48	0.81	-34.11	-31.98	-1.32	8.37	0.14	-0.06	-3.42e-03	0.08	-0.09
		814	256.95	205.33	0.16	205.33	0.16	1.24	0.11	-0.07	0.04	1.97e-03	-0.09
		815	229.72	183.74	0.27	183.71	0.29	2.09	0.15	-0.13	0.03	-2.70e-03	-0.14
731	3	577	5.01	-0.11	-3.17	-3.11	-0.16	0.40	0.15	-0.15	-1.15e-03	8.17e-04	0.15
		578	4.75	-0.15	-3.22	-3.21	-0.15	0.10	0.14	-0.15	-7.75e-03	-4.93e-03	0.15
		814	20.37	16.17	0.05	16.17	0.05	0.03	0.14	-0.15	-5.53e-03	4.00e-04	0.15
		815	19.61	15.57	0.05	15.57	0.05	0.07	0.14	-0.15	-5.89e-03	-6.09e-04	0.15
731	4	577	16.33	0.76	-12.38	-11.08	-0.53	3.91	0.07	-0.03	7.45e-03	0.03	-0.05
		578	16.27	0.30	-12.80	-12.01	-0.48	3.11	0.05	-0.02	-3.13e-03	0.03	-0.03
		814	95.81	76.58	0.07	76.58	0.07	0.48	0.04	-0.02	0.01	8.17e-04	-0.03
		815	85.67	68.54	0.11	68.53	0.12	0.76	0.05	-0.04	7.57e-03	-1.11e-03	-0.05
732	1	576	10.79	0.04	-2.98	-2.74	-0.20	-0.81	0.52	-0.53	-2.45e-04	-4.64e-03	0.52
		577	11.41	0.30	-3.11	-2.60	-0.21	-1.22	0.50	-0.53	-0.02	-0.02	0.52
		815	10.82	5.03	0.06	5.03	0.07	-0.19	0.51	-0.52	-0.01	1.20e-03	0.51
		816	12.70	7.26	0.06	7.26	0.06	-0.14	0.51	-0.53	-0.02	-2.32e-03	0.52
732	2	576	45.22	4.68	-31.94	-25.70	-1.56	13.77	0.24	-0.13	0.03	0.08	-0.18
		577	44.94	3.06	-33.51	-29.20	-1.25	11.78	0.18	-0.12	-0.02	0.07	-0.14
		815	229.52	183.37	0.10	183.36	0.12	1.83	0.16	-0.11	0.04	4.27e-03	-0.14
		816	192.43	154.03	0.29	153.98	0.34	2.72	0.19	-0.18	0.01	-5.71e-03	-0.19
732	3	576	5.43	0.06	-3.11	-2.88	-0.17	0.82	0.15	-0.14	2.32e-03	4.42e-03	0.15
		577	5.23	-0.05	-3.19	-3.10	-0.15	0.53	0.14	-0.15	-8.87e-03	-1.59e-03	0.15
		815	19.57	15.56	0.04	15.56	0.04	0.10	0.15	-0.15	-2.03e-03	8.43e-04	0.15
		816	17.61	13.98	0.05	13.98	0.06	0.14	0.14	-0.15	-5.88e-03	-1.34e-03	0.15
732	4	576	16.89	1.74	-11.99	-9.68	-0.57	5.14	0.08	-0.04	0.01	0.03	-0.06
		577	16.78	1.13	-12.57	-10.98	-0.45	4.38	0.06	-0.04	-8.83e-03	0.03	-0.05
		815	85.60	68.40	0.05	68.40	0.06	0.70	0.06	-0.04	0.02	1.75e-03	-0.05
		816	71.78	57.47	0.12	57.45	0.14	0.99	0.06	-0.06	2.72e-03	-2.35e-03	-0.06
733	1	575	9.67	-0.18	-2.78	-2.76	-0.20	-0.22	0.53	-0.53	8.43e-03	-4.74e-03	0.53
		576	10.38	-0.06	-2.92	-2.76	-0.22	-0.65	0.51	-0.54	-0.02	-9.74e-03	0.52
		816	12.55	7.28	0.07	7.28	0.07	-0.08	0.52	-0.52	-4.31e-03	2.77e-03	0.52
		817	13.60	8.20	0.06	8.20	0.06	-0.05	0.52	-0.55	-0.02	-7.07e-03	0.53
733	2	575	47.42	8.09	-30.67	-20.78	-1.79	16.89	0.30	-0.15	0.06	0.08	-0.22
		576	47.26	6.31	-32.73	-25.35	-1.07	15.29	0.20	-0.19	-0.04	0.06	-0.19
		816	192.28	153.53	-3.70e-03	153.49	0.03	2.39	0.22	-0.15	0.05	0.01	-0.18
		817	145.61	116.45	0.33	116.35	0.44	3.41	0.21	-0.24	-9.14e-03	-0.01	-0.23
733	3	575	5.84	0.35	-3.05	-2.52	-0.18	1.23	0.15	-0.14	8.11e-03	4.83e-03	0.15
		576	5.73	0.17	-3.16	-2.86	-0.13	0.97	0.14	-0.15	-0.01	8.25e-05	0.15
		816	17.64	13.95	0.03	13.95	0.04	0.18	0.15	-0.14	1.95e-03	2.00e-03	0.15
		817	14.41	11.40	0.06	11.40	0.06	0.22	0.14	-0.15	-0.01	-3.81e-03	0.15
733	4	575	17.69	3.00	-11.51	-7.86	-0.65	6.30	0.10	-0.05	0.02	0.03	-0.08
		576	17.61	2.34	-12.27	-9.55	-0.39	5.69	0.07	-0.07	-0.02	0.02	-0.07
		816	71.73	57.29	0.01	57.27	0.03	0.91	0.08	-0.05	0.02	4.34e-03	-0.06
		817	54.37	43.48	0.14	43.44	0.17	1.25	0.07	-0.08	-6.26e-03	-6.03e-03	-0.08
734	1	574	9.81	-0.15	-2.70	-2.65	-0.21	0.37	0.51	-0.55	0.02	-0.06	0.53
		575	9.25	-0.22	-2.77	-2.76	-0.22	-0.09	0.50	-0.55	-0.04	-0.01	0.53
		817	13.27	8.21	0.07	8.21	0.07	0.01	0.53	-0.51	2.48e-03	8.52e-03	0.52
		818	13.90	7.83	0.07	7.83	0.07	0.05	0.53	-0.63	-0.07	-0.03	0.58
734	2	574	49.97	12.25	-28.81	-14.42	-2.13	19.59	0.39	-0.14	0.14	0.11	-0.26
		575	50.94	10.90	-31.94	-20.33	-0.72	19.05	0.20	-0.28	-0.11	0.03	-0.23
		817	145.20	115.74	-0.16	115.67	-0.09	2.90	0.29	-0.18	0.07	0.03	-0.24
		818	89.41	70.99	0.28	70.74	0.53	4.22	0.19	-0.30	-0.06	-0.05	-0.24
734	3	574	6.21	0.74	-2.96	-2.01	-0.21	1.61	0.15	-0.14	0.02	-0.01	0.14
		575	6.31	0.55	-3.15	-2.48	-0.11	1.42	0.13	-0.16	-0.02	-3.27e-03	0.14
		817	14.48	11.35	0.02	11.35	0.03	0.25	0.15	-0.13	6.78e-03	6.09e-03	0.14



		818	10.15	7.83	0.06	7.81	0.07	0.31	0.14	-0.18	-0.03	-0.01	0.16
734	4	574	18.61	4.54	-10.82	-5.50	-0.78	7.31	0.14	-0.05	0.05	0.04	-0.09
		575	18.94	4.03	-11.97	-7.69	-0.26	7.09	0.07	-0.10	-0.04	8.31e-03	-0.08
		817	54.20	43.21	-0.05	43.18	-0.02	1.10	0.10	-0.06	0.03	0.01	-0.08
		818	33.44	26.54	0.12	26.45	0.21	1.55	0.06	-0.11	-0.03	-0.02	-0.08
735	1	573	10.90	-0.12	-2.87	-2.49	-0.49	0.95	0.42	-0.67	0.06	-0.31	0.52
		574	11.05	0.03	-2.75	-2.66	-0.07	0.51	0.46	-0.67	-0.12	-0.09	0.56
		818	13.30	7.84	0.08	7.84	0.08	0.06	0.52	-0.54	-0.04	0.03	0.53
		819	14.36	6.18	0.03	6.17	0.04	0.20	0.68	-0.80	-0.08	-0.03	0.74
735	2	573	48.68	18.84	-21.08	-2.91	0.67	19.88	0.59	-0.08	0.36	0.15	-0.32
		574	56.64	16.13	-32.38	-14.30	-1.94	23.45	0.13	-0.42	-0.27	-0.02	-0.25
		818	88.54	69.98	-0.51	69.80	-0.33	3.58	0.46	-0.21	0.16	0.09	-0.34
		819	26.29	17.65	-1.82	15.51	0.32	6.09	-8.76e-03	-0.36	-0.25	-0.12	-0.16
735	3	573	6.18	1.29	-2.47	-1.11	-0.08	1.81	0.14	-0.17	0.05	-0.09	0.13
		574	7.32	1.05	-3.22	-2.01	-0.16	1.93	0.10	-0.21	-0.07	-0.03	0.16
		818	10.02	7.76	-3.56e-03	7.75	9.07e-03	0.31	0.15	-0.13	6.85e-04	0.02	0.14
		819	5.87	3.20	-0.03	3.12	0.05	0.50	0.19	-0.26	-0.05	-0.02	0.23
735	4	573	18.11	6.98	-7.94	-1.23	0.27	7.42	0.22	-0.03	0.14	0.05	-0.11
		574	20.98	5.96	-12.13	-5.46	-0.72	8.73	0.03	-0.16	-0.11	-0.01	-0.08
		818	33.10	26.17	-0.18	26.10	-0.11	1.36	0.17	-0.07	0.06	0.04	-0.12
		819	9.77	6.66	-0.64	5.89	0.13	2.25	-0.02	-0.13	-0.10	-0.05	-0.04
736	1	5	10.49	0.50	-6.93	-5.01	-1.42	3.25	0.19	-0.44	0.17	-0.42	0.12
		573	16.19	1.40	-1.77	-1.60	1.23	0.72	0.13	-1.51	-0.56	-0.82	0.81
		819	19.11	5.70	0.26	5.65	0.31	0.54	0.54	-1.39	-0.74	-0.10	0.91
		59	30.36	5.63	-0.42	4.94	0.27	-1.91	2.92	1.10	2.90	1.12	-0.18
736	2	5	94.11	70.54	1.39	62.30	9.64	-22.41	0.49	-0.88	0.49	-0.88	-2.54e-03
		573	91.74	23.88	-55.07	-18.40	-12.79	39.38	0.30	-0.68	-0.59	0.21	-0.29
		819	33.21	22.15	2.11	20.82	3.44	-4.99	0.53	-0.56	0.25	-0.28	-0.48
		59	136.59	7.48	-97.46	-71.41	-18.57	45.33	0.75	-1.08	-1.06	0.73	0.17
736	3	5	6.23	3.38	2.79e-04	3.19	0.19	-0.78	0.11	-0.23	0.10	-0.23	0.04
		573	11.59	1.99	-4.63	-2.07	-0.57	3.22	-0.02	-0.48	-0.25	-0.25	0.23
		819	7.49	3.43	0.34	3.41	0.36	-0.24	0.12	-0.41	-0.22	-0.06	0.25
		59	13.35	0.62	-5.88	-3.93	-1.33	2.98	0.86	0.44	0.86	0.44	-0.05
736	4	5	35.32	26.22	0.38	23.13	3.47	-8.38	0.20	-0.37	0.20	-0.37	2.12e-03
		573	33.91	8.84	-20.61	-7.05	-4.73	14.68	0.08	-0.28	-0.25	0.05	-0.09
		819	12.24	8.40	0.79	7.90	1.29	-1.88	0.16	-0.21	0.07	-0.12	-0.16
		59	50.55	2.88	-36.35	-26.55	-6.91	16.98	0.34	-0.32	-0.32	0.33	0.05
737	1	553	80.02	42.95	-5.69	36.32	0.94	-16.69	-0.45	-4.20	-1.87	-2.78	-1.82
		98	83.35	47.12	-11.21	35.73	0.17	-23.12	0.47	-2.03	0.33	-1.89	-0.58
		337	442.88	-38.14	-325.45	-325.43	-38.16	2.31	7.72	3.55	7.61	3.66	0.68
		820	400.65	24.31	-290.24	-290.23	24.31	-0.97	0.96	-3.88	-2.41	-0.51	-2.22
737	2	553	115.80	56.99	-47.28	19.07	-9.35	-50.16	-1.08	-2.04	-1.96	-1.16	-0.26
		98	117.57	80.71	7.65	80.39	7.97	-4.83	0.93	-2.58	0.93	-2.57	-0.14
		337	408.29	-45.62	-338.35	-334.24	-49.73	-34.44	3.10	2.13	2.19	3.04	0.22
		820	302.20	24.95	-224.86	-224.82	24.90	3.23	-0.46	-1.03	-0.84	-0.65	-0.27
737	3	553	31.94	16.53	-4.91	11.99	-0.37	-8.76	-0.27	-1.42	-0.75	-0.94	-0.57
		98	32.41	19.25	-2.24	16.46	0.54	-7.22	0.22	-0.85	0.19	-0.81	-0.19
		337	162.17	-15.00	-121.80	-121.76	-15.04	-1.95	2.53	1.35	2.49	1.39	0.23
		820	141.62	9.08	-103.01	-103.01	9.08	-0.04	0.24	-1.26	-0.80	-0.22	-0.69
737	4	553	43.23	21.10	-17.64	6.88	-3.42	-18.68	-0.43	-0.81	-0.77	-0.46	-0.11
		98	44.10	29.81	2.73	29.69	2.85	-1.80	0.37	-1.02	0.37	-1.02	-0.06
		337	152.37	-16.93	-125.90	-124.37	-18.47	-12.83	1.23	0.86	0.88	1.21	0.09
		820	112.54	9.28	-83.64	-83.62	9.26	1.20	-0.18	-0.41	-0.34	-0.26	-0.11
738	1	552	58.24	33.62	-8.63	27.31	-2.32	-15.06	0.21	-1.53	-0.57	-0.75	-0.86
		553	74.10	42.66	-4.54	36.43	1.68	-15.97	0.64	-1.98	0.06	-1.40	-1.09
		820	367.32	-4.91	-290.20	-290.13	-4.97	-4.33	1.37	-2.11	-0.66	-0.08	-1.71
		821	320.01	2.98	-250.85	-250.83	2.95	-2.53	0.67	-0.99	-0.40	0.08	-0.80
738	2	552	81.91	43.06	-30.52	15.63	-3.08	-35.58	-0.31	-0.70	-0.70	-0.31	0.03
		553	82.01	52.24	-18.93	31.62	1.70	-32.29	0.74	-0.32	0.72	-0.29	0.15
		820	290.01	-3.81	-229.32	-228.96	-4.18	-9.09	0.02	-1.04	-0.70	-0.33	-0.49
		821	184.44	2.47	-145.70	-145.51	2.28	-5.31	0.45	-0.04	0.17	0.23	0.24
738	3	552	22.70	12.83	-4.64	9.10	-0.91	-7.16	0.01	-0.50	-0.24	-0.25	-0.26
		553	28.05	16.29	-2.67	12.99	0.63	-7.20	0.23	-0.59	0.09	-0.45	-0.31
		820	130.94	-1.73	-103.34	-103.30	-1.77	-1.95	0.41	-0.73	-0.26	-0.06	-0.56
		821	108.67	1.07	-85.35	-85.33	1.06	-1.17	0.20	-0.26	-0.10	0.05	-0.22
738	4	552	30.40	15.92	-11.41	5.64	-1.13	-13.24	-0.12	-0.28	-0.28	-0.12	7.66e-03
		553	30.51	19.31	-7.11	11.56	0.64	-12.03	0.29	-0.13	0.28	-0.12	0.05
		820	108.03	-1.40	-85.31	-85.18	-1.53	-3.36	0.01	-0.41	-0.27	-0.13	-0.20
		821	68.63	0.93	-54.20	-54.13	0.86	-1.99	0.17	-0.01	0.07	0.09	0.09
739	1	551	47.55	28.62	-7.60	22.09	-1.07	-13.92	0.16	-0.85	-0.26	-0.43	-0.50
		552	59.47	34.83	-6.55	27.88	0.39	-15.46	0.50	-1.17	-0.04	-0.62	-0.79
		821	318.74	-0.55	-251.00	-250.96	-0.58	-2.86	0.66	-1.28	-0.54	-0.08	-0.94
		822	272.92	0.52	-216.02	-215.98	0.48	-2.73	0.43	-0.62	-0.23	0.03	-0.51
739	2	551	69.96	33.70	-28.75	6.17	-1.23	-31.00	-0.02	-0.33	-0.27	-0.08	0.12
		552	73.66	40.50	-26.05	15.92	-1.46	-32.12	0.30	-0.04	0.26	-5.30e-04	0.11
		821	183.50	0.25	-144.99	-144.71	-0.03	-6.40	-0.13	-0.29	-0.29	-0.13	-8.06e-03
		822	90.68	0.61	-71.68	-71.31	0.24	-5.15	0.22	-0.07	0.08	0.07	0.14



739	3	551	18.42	10.66	-4.19	6.87	-0.40	-6.48	0.02	-0.26	-0.10	-0.14	-0.14
		552	22.75	13.08	-3.77	9.29	0.02	-7.03	0.16	-0.33	0.01	-0.19	-0.23
		821	108.39	-0.14	-85.33	-85.31	-0.16	-1.31	0.18	-0.41	-0.19	-0.04	-0.28
		822	87.62	0.20	-69.41	-69.39	0.17	-1.22	0.12	-0.16	-0.06	0.02	-0.14
739	4	551	26.01	12.47	-10.76	2.15	-0.44	-11.54	-0.01	-0.13	-0.11	-0.03	0.05
		552	27.36	14.98	-9.77	5.75	-0.53	-11.97	0.11	-0.01	0.10	-8.00e-04	0.04
		821	68.32	0.10	-53.93	-53.83	1.51e-03	-2.36	-0.05	-0.11	-0.11	-0.05	-6.71e-03
		822	33.75	0.24	-26.66	-26.52	0.10	-1.93	0.08	-0.02	0.03	0.03	0.05
740	1	550	39.56	24.15	-7.43	17.31	-0.59	-13.01	0.05	-0.53	-0.16	-0.32	-0.28
		551	48.49	28.80	-7.19	21.86	-0.25	-14.20	0.30	-0.76	-0.07	-0.39	-0.51
		822	272.87	0.03	-215.68	-215.65	-3.05e-03	-2.56	0.38	-0.73	-0.33	-0.02	-0.54
		823	231.88	0.17	-183.85	-183.82	0.14	-2.44	0.23	-0.41	-0.19	0.01	-0.30
740	2	550	61.35	25.42	-29.30	-2.69	-1.19	-27.35	0.06	-0.22	-0.13	-0.03	0.13
		551	65.44	31.39	-27.52	5.51	-1.64	-29.23	0.18	-0.05	0.10	0.03	0.11
		822	89.65	0.80	-70.77	-70.33	0.36	-5.56	0.04	-0.19	-0.12	-0.04	0.11
		823	13.48	2.80	-7.70	-4.97	0.07	-4.61	0.14	-0.09	0.03	0.02	0.12
740	3	550	15.32	8.73	-4.17	4.81	-0.25	-5.93	-2.77e-03	-0.15	-0.06	-0.10	-0.07
		551	18.61	10.60	-4.03	6.75	-0.19	-6.44	0.09	-0.21	-0.01	-0.11	-0.14
		822	87.65	0.06	-69.23	-69.21	0.04	-1.16	0.10	-0.22	-0.11	-0.01	-0.15
		823	69.20	0.08	-54.86	-54.83	0.06	-1.09	0.06	-0.11	-0.05	5.51e-03	-0.08
740	4	550	22.83	9.41	-10.96	-1.12	-0.43	-10.18	0.02	-0.08	-0.05	-0.01	0.05
		551	24.35	11.62	-10.31	1.91	-0.60	-10.89	0.07	-0.02	0.04	0.01	0.04
		822	33.37	0.31	-26.32	-26.16	0.15	-2.05	0.01	-0.07	-0.05	-0.01	0.04
		823	5.05	1.07	-2.87	-1.84	0.04	-1.73	0.05	-0.03	0.01	9.27e-03	0.04
741	1	549	32.75	20.21	-7.41	13.26	-0.46	-11.99	-0.04	-0.31	-0.11	-0.24	-0.12
		550	39.81	23.96	-7.37	17.01	-0.42	-13.01	0.13	-0.50	-0.07	-0.29	-0.29
		823	231.70	0.14	-183.47	-183.44	0.11	-2.33	0.20	-0.44	-0.23	-8.20e-03	-0.30
		824	194.73	0.10	-154.53	-154.50	0.07	-2.17	0.08	-0.23	-0.15	4.03e-03	-0.14
741	2	549	54.87	18.46	-30.14	-10.41	-1.27	-23.87	0.08	-0.17	-0.08	-7.35e-03	0.12
		550	58.15	23.55	-28.45	-3.33	-1.56	-25.98	0.14	-0.08	0.04	0.03	0.11
		823	13.46	3.51	-7.26	-4.12	0.36	-4.89	0.09	-0.16	-0.06	-0.01	0.12
		824	67.45	53.65	-0.21	53.35	0.09	-4.02	0.12	-0.10	4.95e-03	9.43e-03	0.11
741	3	549	12.69	7.02	-4.19	3.05	-0.22	-5.36	-0.03	-0.09	-0.04	-0.07	-0.03
		550	15.28	8.56	-4.11	4.67	-0.23	-5.84	0.03	-0.14	-0.02	-0.08	-0.08
		823	69.13	0.09	-54.68	-54.66	0.07	-1.04	0.05	-0.13	-0.07	-3.71e-03	-0.08
		824	52.68	0.06	-41.75	-41.73	0.04	-0.97	0.02	-0.06	-0.05	2.13e-03	-0.03
741	4	549	20.44	6.84	-11.26	-3.96	-0.46	-8.88	0.03	-0.06	-0.03	-3.34e-03	0.04
		550	21.67	8.73	-10.65	-1.35	-0.57	-9.68	0.05	-0.03	0.01	0.01	0.04
		823	4.96	1.30	-2.67	-1.52	0.15	-1.80	0.03	-0.06	-0.02	-5.13e-03	0.04
		824	25.11	19.97	-0.07	19.86	0.05	-1.51	0.04	-0.04	1.61e-03	3.73e-03	0.04
742	1	548	26.86	16.80	-7.34	9.88	-0.42	-10.92	-0.08	-0.18	-0.08	-0.18	4.29e-03
		549	32.63	19.91	-7.39	12.99	-0.46	-11.88	2.93e-03	-0.30	-0.07	-0.23	-0.13
		824	194.48	0.16	-154.17	-154.14	0.13	-2.10	0.07	-0.25	-0.17	-3.64e-03	-0.14
		825	161.21	0.08	-127.99	-127.97	0.05	-1.93	2.20e-03	-0.12	-0.12	1.61e-03	-8.55e-03
742	2	548	50.19	12.71	-31.04	-17.01	-1.32	-20.42	0.09	-0.14	-0.05	1.77e-03	0.11
		549	52.35	16.87	-29.36	-10.97	-1.51	-22.63	0.12	-0.09	0.01	0.02	0.11
		824	68.62	54.42	1.79e-03	54.08	0.34	-4.26	0.09	-0.14	-0.04	-5.79e-03	0.12
		825	129.86	103.76	6.48e-03	103.65	0.12	-3.41	0.11	-0.10	-3.20e-03	4.54e-03	0.10
742	3	548	10.73	5.55	-4.18	1.57	-0.21	-4.78	-0.03	-0.06	-0.03	-0.05	9.79e-03
		549	12.51	6.83	-4.14	2.93	-0.24	-5.25	-4.56e-03	-0.08	-0.02	-0.07	-0.03
		824	52.57	0.10	-41.58	-41.56	0.08	-0.92	0.01	-0.07	-0.06	-1.65e-03	-0.03
		825	37.98	0.06	-30.08	-30.05	0.04	-0.85	1.67e-03	-0.04	-0.04	9.29e-04	5.38e-03
742	4	548	18.71	4.72	-11.59	-6.39	-0.48	-7.60	0.03	-0.05	-0.02	1.41e-04	0.04
		549	19.53	6.27	-10.99	-4.17	-0.55	-8.43	0.05	-0.03	4.07e-03	7.36e-03	0.04
		824	25.54	20.25	0.02	20.13	0.14	-1.56	0.03	-0.05	-0.02	-2.29e-03	0.04
		825	48.33	38.62	0.01	38.57	0.06	-1.29	0.04	-0.04	-1.80e-03	1.79e-03	0.04
743	1	547	24.65	13.86	-7.20	7.06	-0.40	-9.85	8.91e-03	-0.21	-0.06	-0.14	0.10
		548	26.57	16.47	-7.31	9.63	-0.47	-10.76	-0.06	-0.18	-0.06	-0.18	1.23e-04
		825	160.93	0.16	-127.67	-127.64	0.14	-1.88	-1.50e-03	-0.13	-0.13	-1.90e-03	-7.32e-03
		826	131.14	0.08	-104.17	-104.14	0.05	-1.72	0.05	-0.15	-0.10	5.85e-04	0.09
743	2	547	46.97	8.07	-31.94	-22.52	-1.35	-16.98	0.09	-0.12	-0.03	7.14e-03	0.10
		548	48.09	11.33	-30.31	-17.49	-1.49	-19.22	0.11	-0.10	-1.70e-03	0.02	0.10
		825	130.72	104.40	0.19	104.27	0.32	-3.64	0.09	-0.12	-0.03	-2.92e-03	0.11
		826	182.54	145.97	0.09	145.92	0.14	-2.80	0.10	-0.10	-5.98e-03	2.33e-03	0.10
743	3	547	9.73	4.28	-4.15	0.34	-0.21	-4.20	7.90e-03	-0.07	-0.02	-0.04	0.04
		548	10.40	5.35	-4.13	1.46	-0.24	-4.66	-0.02	-0.05	-0.02	-0.05	7.84e-03
		825	37.86	0.10	-29.93	-29.91	0.08	-0.81	2.64e-05	-0.04	-0.04	-8.54e-04	6.10e-03
		826	25.06	0.07	-19.82	-19.79	0.04	-0.74	0.02	-0.05	-0.03	4.06e-04	0.03
743	4	547	17.51	3.00	-11.92	-8.43	-0.49	-6.32	0.03	-0.04	-0.01	2.14e-03	0.04
		548	17.96	4.22	-11.33	-6.57	-0.54	-7.17	0.04	-0.04	-1.02e-03	5.78e-03	0.04
		825	48.65	38.85	0.08	38.81	0.13	-1.33	0.03	-0.05	-0.01	-1.15e-03	0.04
		826	67.94	54.33	0.04	54.30	0.07	-1.06	0.04	-0.04	-3.07e-03	9.24e-04	0.04
744	1	546	22.68	11.32	-6.99	4.71	-0.38	-8.79	0.10	-0.25	-0.04	-0.11	0.17
		547	24.15	13.53	-7.15	6.84	-0.46	-9.68	0.02	-0.20	-0.05	-0.14	0.10
		826	130.87	0.16	-103.88	-103.86	0.13	-1.67	0.05	-0.16	-0.10	-1.08e-03	0.09
		827	104.40	0.08	-82.95	-82.92	0.05	-1.51	0.13	-0.21	-0.08	1.16e-04	0.17
744	2	546	44.89	4.44	-32.81	-26.99	-1.37	-13.52	0.09	-0.10	-0.02	0.01	0.09



		547	45.22	6.89	-31.28	-22.92	-1.48	-15.79	0.10	-0.10	-7.27e-03	0.01	0.10
		826	183.19	146.49	0.24	146.43	0.30	-3.03	0.09	-0.11	-0.02	-1.53e-03	0.10
		827	225.24	180.18	0.13	180.15	0.16	-2.19	0.09	-0.09	-6.42e-03	1.20e-03	0.09
744	3	546	8.85	3.19	-4.08	-0.68	-0.20	-3.63	0.04	-0.08	-0.02	-0.03	0.06
		547	9.43	4.09	-4.08	0.24	-0.23	-4.08	0.01	-0.07	-0.02	-0.04	0.04
		826	24.95	0.10	-19.69	-19.67	0.07	-0.70	0.02	-0.06	-0.03	-4.72e-04	0.04
744	4	827	13.89	0.08	-10.94	-10.90	0.04	-0.63	0.05	-0.07	-0.02	1.56e-04	0.06
		546	16.74	1.66	-12.23	-10.08	-0.50	-5.03	0.03	-0.04	-9.40e-03	3.45e-03	0.04
		547	16.89	2.57	-11.68	-8.57	-0.54	-5.89	0.04	-0.04	-3.36e-03	5.12e-03	0.04
		826	68.18	54.52	0.10	54.49	0.12	-1.10	0.03	-0.04	-7.71e-03	-6.03e-04	0.04
		827	83.83	67.06	0.06	67.04	0.07	-0.83	0.03	-0.04	-3.40e-03	4.78e-04	0.03
745	1	545	20.86	9.12	-6.73	2.76	-0.37	-7.77	0.17	-0.29	-0.03	-0.08	0.23
		546	22.23	11.00	-6.93	4.51	-0.44	-8.62	0.10	-0.25	-0.04	-0.10	0.17
		827	104.15	0.15	-82.70	-82.67	0.13	-1.47	0.13	-0.21	-0.08	-6.44e-04	0.17
745	2	828	80.82	0.08	-64.22	-64.19	0.06	-1.32	0.20	-0.25	-0.06	-9.36e-05	0.22
		545	43.65	1.75	-33.59	-30.45	-1.39	-10.05	0.08	-0.09	-0.02	0.01	0.09
		546	43.49	3.48	-32.25	-27.31	-1.47	-12.34	0.10	-0.09	-9.56e-03	0.01	0.09
		827	225.73	180.59	0.25	180.56	0.28	-2.41	0.09	-0.10	-0.01	-7.83e-04	0.09
745	3	828	257.91	206.35	0.17	206.33	0.18	-1.58	0.08	-0.09	-5.96e-03	5.84e-04	0.08
		545	8.04	2.27	-3.99	-1.51	-0.20	-3.06	0.06	-0.09	-0.01	-0.02	0.08
		546	8.57	3.01	-4.01	-0.76	-0.23	-3.50	0.04	-0.08	-0.01	-0.03	0.06
		827	13.78	0.10	-10.83	-10.80	0.07	-0.60	0.05	-0.07	-0.03	-2.67e-04	0.06
745	4	828	4.68	0.12	-3.45	-3.36	0.04	-0.53	0.06	-0.08	-0.02	3.19e-05	0.07
		545	16.27	0.66	-12.52	-11.35	-0.50	-3.74	0.03	-0.03	-7.21e-03	4.42e-03	0.03
		546	16.23	1.31	-12.03	-10.19	-0.53	-4.60	0.04	-0.03	-4.37e-03	5.00e-03	0.03
		827	84.01	67.21	0.11	67.19	0.12	-0.88	0.03	-0.04	-5.79e-03	-3.08e-04	0.04
		828	95.99	76.80	0.07	76.79	0.08	-0.61	0.03	-0.03	-3.33e-03	2.33e-04	0.03
746	1	544	19.14	7.23	-6.42	1.16	-0.35	-6.78	0.23	-0.31	-0.03	-0.06	0.27
		545	20.43	8.83	-6.65	2.59	-0.42	-7.59	0.18	-0.28	-0.03	-0.08	0.23
		828	80.60	0.15	-64.00	-63.97	0.12	-1.28	0.20	-0.26	-0.06	-3.89e-04	0.22
		829	60.28	0.09	-47.86	-47.84	0.06	-1.15	0.24	-0.29	-0.04	-1.82e-04	0.27
746	2	544	42.98	-0.09	-34.24	-32.92	-1.41	-6.57	0.08	-0.08	-0.01	0.02	0.08
		545	42.60	1.02	-33.16	-30.68	-1.46	-8.87	0.09	-0.08	-0.01	0.02	0.08
		828	258.25	206.65	0.25	206.63	0.27	-1.80	0.08	-0.09	-8.82e-03	-3.54e-04	0.08
		829	280.52	224.46	0.19	224.46	0.20	-0.97	0.07	-0.08	-5.37e-03	2.14e-04	0.07
746	3	544	7.31	1.51	-3.88	-2.17	-0.20	-2.50	0.07	-0.10	-9.49e-03	-0.02	0.09
		545	7.79	2.11	-3.91	-1.58	-0.22	-2.93	0.06	-0.09	-0.01	-0.02	0.07
		828	4.56	0.14	-3.35	-3.28	0.07	-0.49	0.06	-0.08	-0.02	-1.48e-04	0.07
		829	4.36	2.93	-0.02	2.86	0.04	-0.43	0.08	-0.09	-0.01	-3.16e-05	0.09
746	4	544	16.02	-0.02	-12.76	-12.27	-0.51	-2.44	0.03	-0.03	-5.87e-03	5.25e-03	0.03
		545	15.90	0.40	-12.37	-11.44	-0.53	-3.31	0.03	-0.03	-4.83e-03	5.16e-03	0.03
		828	96.12	76.91	0.11	76.90	0.11	-0.65	0.03	-0.03	-4.46e-03	-1.38e-04	0.03
		829	104.41	83.54	0.08	83.54	0.09	-0.38	0.03	-0.03	-3.19e-03	8.57e-05	0.03
747	1	543	17.51	5.60	-6.08	-0.15	-0.34	-5.84	0.27	-0.33	-0.02	-0.04	0.30
		544	18.74	6.95	-6.34	1.01	-0.40	-6.61	0.23	-0.31	-0.02	-0.06	0.27
		829	60.08	0.14	-47.68	-47.65	0.11	-1.10	0.24	-0.29	-0.04	-2.24e-04	0.27
		830	42.61	0.09	-33.77	-33.74	0.06	-0.98	0.28	-0.31	-0.03	-2.21e-04	0.30
747	2	543	42.71	-1.13	-34.70	-34.42	-1.42	-3.08	0.07	-0.06	-0.01	0.02	0.07
		544	42.30	-0.56	-33.96	-33.07	-1.45	-5.39	0.08	-0.07	-0.01	0.02	0.07
		829	280.73	224.65	0.25	224.64	0.25	-1.19	0.07	-0.08	-6.22e-03	-6.24e-05	0.07
		830	293.06	234.51	0.21	234.51	0.21	-0.36	0.06	-0.07	-5.09e-03	-5.90e-05	0.06
747	3	543	6.62	0.89	-3.75	-2.67	-0.19	-1.96	0.09	-0.10	-7.47e-03	-0.01	0.10
		544	7.07	1.36	-3.80	-2.23	-0.21	-2.38	0.07	-0.10	-9.09e-03	-0.02	0.09
		829	4.38	2.99	0.01	2.93	0.07	-0.40	0.08	-0.09	-0.01	-6.93e-05	0.09
		830	10.10	7.82	0.03	7.81	0.05	-0.34	0.09	-0.10	-0.01	-7.14e-05	0.09
747	4	543	15.92	-0.41	-12.93	-12.82	-0.52	-1.14	0.03	-0.03	-4.99e-03	6.03e-03	0.03
		544	15.77	-0.19	-12.66	-12.32	-0.53	-2.02	0.03	-0.03	-5.17e-03	5.46e-03	0.03
		829	104.49	83.61	0.10	83.61	0.11	-0.42	0.03	-0.03	-3.52e-03	-2.13e-05	0.03
		830	109.09	87.29	0.09	87.29	0.09	-0.15	0.02	-0.03	-3.14e-03	-2.33e-05	0.03
748	1	542	15.95	4.20	-5.71	-1.19	-0.32	-4.93	0.30	-0.34	-0.01	-0.03	0.32
		543	17.13	5.34	-5.99	-0.27	-0.37	-5.66	0.27	-0.33	-0.02	-0.04	0.30
		830	42.45	0.13	-33.61	-33.58	0.11	-0.93	0.28	-0.31	-0.03	-9.67e-05	0.30
		831	27.92	0.09	-21.82	-21.79	0.06	-0.82	0.31	-0.33	-0.02	-2.56e-04	0.32
748	2	542	43.01	-1.43	-34.94	-34.94	-1.43	0.40	0.06	-0.05	-8.88e-03	0.02	0.05
		543	42.54	-1.33	-34.59	-34.48	-1.44	-1.90	0.07	-0.06	-0.01	0.02	0.06
		830	293.15	234.60	0.23	234.59	0.24	-0.58	0.06	-0.07	-4.28e-03	2.10e-04	0.06
		831	295.53	236.50	0.23	236.50	0.23	0.26	0.05	-0.06	-5.44e-03	-3.46e-04	0.05
748	3	542	5.97	0.40	-3.62	-3.02	-0.19	-1.43	0.09	-0.11	-5.86e-03	-7.34e-03	0.10
		543	6.40	0.76	-3.68	-2.71	-0.21	-1.83	0.09	-0.10	-7.77e-03	-0.01	0.10
		830	10.13	7.87	0.05	7.86	0.06	-0.30	0.09	-0.10	-0.01	-2.66e-06	0.09
		831	14.60	11.51	0.04	11.51	0.05	-0.25	0.10	-0.11	-9.10e-03	-1.12e-04	0.10
748	4	542	16.05	-0.52	-13.02	-13.02	-0.52	0.15	0.02	-0.02	-4.27e-03	6.85e-03	0.02
		543	15.86	-0.48	-12.89	-12.85	-0.52	-0.72	0.03	-0.03	-5.67e-03	5.82e-03	0.03
		830	109.12	87.32	0.10	87.32	0.10	-0.20	0.02	-0.03	-2.80e-03	8.81e-05	0.03
		831	110.02	88.04	0.10	88.04	0.10	0.07	0.02	-0.02	-3.31e-03	-1.39e-04	0.02
749	1	541	14.45	3.02	-5.31	-1.99	-0.30	-4.08	0.32	-0.35	-0.01	-0.02	0.34
		542	15.58	3.96	-5.61	-1.29	-0.35	-4.76	0.30	-0.34	-0.02	-0.03	0.32



		831	27.77	0.13	-21.69	-21.66	0.10	-0.77	0.31	-0.33	-0.02	3.38e-05	0.32
		832	16.23	0.10	-11.91	-11.87	0.06	-0.67	0.32	-0.34	-0.02	-3.25e-04	0.33
749	2	541	43.34	-1.00	-34.93	-34.48	-1.45	3.87	0.05	-0.04	-6.81e-03	0.02	0.04
		542	43.22	-1.35	-34.99	-34.92	-1.42	1.58	0.06	-0.05	-0.01	0.02	0.05
		831	295.49	236.48	0.22	236.48	0.22	0.03	0.05	-0.05	-2.67e-03	5.73e-04	0.05
		832	287.94	230.43	0.24	230.42	0.25	0.87	0.04	-0.04	-6.73e-03	-7.66e-04	0.04
749	3	541	5.36	0.06	-3.48	-3.23	-0.19	-0.91	0.10	-0.11	-4.44e-03	-4.01e-03	0.10
		542	5.77	0.30	-3.56	-3.05	-0.20	-1.30	0.09	-0.11	-6.92e-03	-7.69e-03	0.10
		831	14.62	11.55	0.06	11.55	0.06	-0.21	0.10	-0.10	-8.55e-03	7.51e-05	0.10
		832	17.65	14.00	0.05	14.00	0.05	-0.16	0.10	-0.11	-7.27e-03	-1.78e-04	0.10
749	4	541	16.19	-0.36	-13.03	-12.86	-0.53	1.45	0.02	-0.02	-3.42e-03	7.81e-03	0.02
		542	16.13	-0.49	-13.04	-13.02	-0.52	0.58	0.02	-0.02	-6.61e-03	6.13e-03	0.02
		831	110.00	88.03	0.09	88.03	0.09	0.03	0.02	-0.02	-2.18e-03	2.35e-04	0.02
		832	107.20	85.79	0.10	85.79	0.10	0.30	0.02	-0.02	-3.82e-03	-3.09e-04	0.02
750	1	540	13.00	2.02	-4.89	-2.59	-0.28	-3.26	0.34	-0.35	-6.57e-03	-9.10e-03	0.34
		541	14.09	2.80	-5.20	-2.08	-0.33	-3.90	0.32	-0.35	-0.01	-0.02	0.33
		832	16.10	0.13	-11.80	-11.76	0.10	-0.62	0.33	-0.34	-0.02	2.12e-04	0.33
		833	8.22	0.14	-3.94	-3.87	0.06	-0.54	0.34	-0.35	-0.01	-4.83e-04	0.34
750	2	540	43.71	0.16	-34.64	-33.02	-1.46	7.33	0.04	-0.02	-3.35e-03	0.03	0.03
		541	43.95	-0.64	-35.14	-34.38	-1.40	5.07	0.04	-0.04	-0.02	0.02	0.04
		832	287.75	230.29	0.20	230.29	0.20	0.64	0.04	-0.04	-9.08e-04	1.18e-03	0.04
		833	270.28	216.29	0.26	216.28	0.27	1.48	0.02	-0.03	-9.45e-03	-1.51e-03	0.03
750	3	540	4.78	-0.13	-3.36	-3.31	-0.18	-0.40	0.10	-0.11	-2.94e-03	-1.16e-03	0.11
		541	5.17	-4.07e-03	-3.44	-3.25	-0.19	-0.78	0.10	-0.11	-6.64e-03	-4.71e-03	0.10
		832	17.65	14.02	0.06	14.02	0.06	-0.12	0.10	-0.11	-6.18e-03	1.94e-04	0.10
		833	19.25	15.31	0.05	15.31	0.05	-0.07	0.10	-0.11	-6.05e-03	-3.05e-04	0.11
750	4	540	16.35	0.07	-12.94	-12.33	-0.53	2.73	0.02	-0.01	-1.98e-03	9.03e-03	0.01
		541	16.41	-0.23	-13.10	-12.82	-0.51	1.88	0.02	-0.02	-8.35e-03	6.29e-03	0.02
		832	107.13	85.74	0.09	85.74	0.09	0.26	0.02	-0.02	-1.46e-03	4.81e-04	0.02
		833	100.65	80.54	0.11	80.54	0.11	0.53	9.87e-03	-0.02	-4.87e-03	-6.09e-04	0.01
751	1	539	11.59	1.20	-4.46	-3.00	-0.26	-2.48	0.35	-0.35	-2.64e-03	-2.12e-03	0.35
		540	12.64	1.82	-4.79	-2.65	-0.31	-3.09	0.33	-0.35	-0.01	-0.01	0.34
		833	8.10	0.15	-3.85	-3.79	0.09	-0.48	0.34	-0.35	-0.01	5.12e-04	0.34
		834	7.14	2.39	-8.25e-03	2.32	0.06	-0.41	0.34	-0.35	-0.01	-8.66e-04	0.35
751	2	539	44.18	2.05	-34.09	-30.54	-1.50	10.76	0.04	-4.44e-03	3.46e-03	0.03	0.02
		540	44.75	0.81	-35.01	-32.84	-1.36	8.55	0.03	-0.04	-0.03	0.02	0.03
		833	269.96	216.04	0.16	216.04	0.17	1.25	0.03	-0.03	1.81e-03	2.33e-03	0.03
		834	242.59	194.11	0.27	194.09	0.29	2.10	4.31e-03	-0.02	-0.01	-2.99e-03	0.01
751	3	539	4.43	-0.18	-3.27	-3.27	-0.18	0.09	0.11	-0.11	-9.67e-04	1.39e-03	0.11
		540	4.61	-0.16	-3.34	-3.32	-0.18	-0.28	0.10	-0.11	-7.13e-03	-2.48e-03	0.11
		833	19.23	15.31	0.05	15.31	0.05	-0.03	0.10	-0.11	-4.00e-03	4.06e-04	0.11
		834	19.43	15.47	0.05	15.47	0.05	0.02	0.10	-0.11	-5.56e-03	-5.80e-04	0.11
751	4	539	16.55	0.77	-12.74	-11.43	-0.54	4.01	0.02	-4.54e-03	8.41e-04	0.01	9.06e-03
		540	16.73	0.31	-13.07	-12.26	-0.49	3.17	0.01	-0.02	-0.01	6.09e-03	0.01
		833	100.52	80.45	0.07	80.45	0.08	0.48	0.01	-0.01	-3.06e-04	9.46e-04	0.01
		834	90.36	72.30	0.11	72.29	0.12	0.76	3.70e-03	-0.01	-6.87e-03	-1.21e-03	7.20e-03
752	1	538	10.22	0.55	-4.04	-3.25	-0.24	-1.73	0.35	-0.35	2.37e-03	2.84e-03	0.35
		539	11.24	1.03	-4.38	-3.05	-0.30	-2.33	0.34	-0.36	-0.01	-5.26e-03	0.35
		834	7.04	2.43	0.04	2.38	0.09	-0.35	0.34	-0.35	-4.93e-03	1.10e-03	0.35
		835	10.60	6.81	0.05	6.80	0.06	-0.29	0.34	-0.35	-9.94e-03	-1.96e-03	0.35
752	2	538	44.85	4.71	-33.27	-26.98	-1.58	14.12	0.04	0.02	0.02	0.03	3.36e-03
		539	45.78	3.07	-34.62	-30.27	-1.29	12.05	0.02	-0.04	-0.04	0.02	9.66e-03
		834	242.16	193.74	0.11	193.73	0.13	1.84	0.02	-8.73e-03	7.03e-03	4.80e-03	0.01
		835	204.89	163.90	0.30	163.85	0.34	2.75	-6.01e-03	-0.03	-0.02	-6.51e-03	-3.05e-03
752	3	538	4.78	-0.07	-3.20	-3.09	-0.18	0.57	0.11	-0.10	2.14e-03	3.49e-03	0.11
		539	4.61	-0.16	-3.28	-3.26	-0.17	0.22	0.10	-0.11	-8.88e-03	-1.04e-03	0.11
		834	19.38	15.46	0.05	15.46	0.05	0.05	0.11	-0.11	-1.65e-03	8.44e-04	0.11
		835	18.23	14.52	0.05	14.52	0.06	0.10	0.10	-0.11	-6.51e-03	-1.29e-03	0.11
752	4	538	16.82	1.76	-12.46	-10.12	-0.57	5.26	0.02	4.28e-03	6.62e-03	0.01	4.51e-03
		539	17.13	1.14	-12.93	-11.33	-0.47	4.48	6.77e-03	-0.02	-0.02	5.08e-03	6.36e-03
		834	90.18	72.16	0.05	72.16	0.06	0.70	0.01	-6.44e-03	1.89e-03	1.94e-03	8.36e-03
		835	76.35	61.07	0.12	61.05	0.14	1.00	-2.21e-03	-0.01	-0.01	-2.63e-03	1.91e-03
753	1	537	8.90	0.10	-3.67	-3.38	-0.19	-1.01	0.35	-0.34	9.71e-03	-4.71e-05	0.35
		538	9.88	0.40	-4.00	-3.29	-0.30	-1.62	0.34	-0.36	-0.02	-2.32e-03	0.35
		835	10.47	6.85	0.09	6.84	0.09	-0.22	0.35	-0.35	8.99e-04	2.54e-03	0.35
		836	13.67	9.68	0.05	9.68	0.05	-0.19	0.34	-0.37	-0.02	-5.85e-03	0.35
753	2	537	46.38	8.10	-32.15	-22.26	-1.79	17.32	0.05	0.03	0.05	0.04	-9.23e-03
		538	47.36	6.30	-34.03	-26.62	-1.11	15.61	8.47e-03	-0.07	-0.07	7.75e-03	-7.51e-03
		835	204.35	163.39	7.84e-03	163.35	0.04	2.42	0.02	0.01	0.02	0.01	-1.11e-03
		836	157.27	125.67	0.34	125.57	0.43	3.44	-0.01	-0.05	-0.05	-0.02	-0.01
753	3	537	5.16	0.17	-3.15	-2.80	-0.18	1.02	0.11	-0.10	7.75e-03	3.16e-03	0.11
		538	5.03	-3.99e-03	-3.24	-3.08	-0.16	0.70	0.10	-0.11	-0.01	-9.32e-04	0.11
		835	18.21	14.50	0.04	14.50	0.04	0.14	0.11	-0.10	1.42e-03	1.98e-03	0.11
		836	15.72	12.49	0.06	12.48	0.06	0.18	0.10	-0.12	-0.01	-3.63e-03	0.11
753	4	537	17.32	3.00	-12.05	-8.39	-0.65	6.46	0.02	0.02	0.02	0.02	8.58e-05
		538	17.74	2.33	-12.72	-9.99	-0.40	5.80	2.05e-03	-0.03	-0.03	2.05e-03	9.46e-05
		835	76.13	60.88	0.02	60.87	0.03	0.92	8.48e-03	2.73e-03	6.59e-03	4.62e-03	2.70e-03



		836	58.65	46.86	0.14	46.82	0.17	1.26	-7.00e-03	-0.02	-0.02	-7.04e-03	-6.85e-04
754	1	536	7.76	-0.15	-3.44	-3.42	-0.17	-0.27	0.34	-0.36	0.02	-0.04	0.35
		537	8.63	-0.04	-3.69	-3.41	-0.32	-0.98	0.33	-0.37	-0.03	-8.05e-03	0.35
		836	13.40	9.72	0.10	9.72	0.10	-0.10	0.35	-0.34	5.32e-03	7.53e-03	0.34
		837	15.65	11.04	0.05	11.04	0.05	-0.09	0.35	-0.43	-0.06	-0.02	0.39
754	2	536	48.25	12.17	-30.39	-16.10	-2.12	20.10	0.13	0.02	0.13	0.03	-0.02
		537	50.22	10.78	-33.36	-21.81	-0.77	19.41	-0.01	-0.14	-0.14	-0.02	-0.02
		836	156.53	124.95	-0.15	124.89	-0.08	2.94	0.07	0.01	0.05	0.03	-0.03
		837	99.97	79.41	0.30	79.18	0.53	4.25	-0.05	-0.13	-0.13	-0.06	0.02
754	3	536	5.53	0.53	-3.10	-2.37	-0.19	1.46	0.11	-0.10	0.02	-0.01	0.11
		537	5.56	0.31	-3.22	-2.77	-0.14	1.18	0.09	-0.12	-0.03	-5.21e-03	0.10
		836	15.71	12.45	0.03	12.45	0.04	0.21	0.11	-0.10	5.70e-03	5.88e-03	0.10
		837	12.02	9.40	0.06	9.39	0.07	0.27	0.10	-0.15	-0.03	-0.01	0.12
754	4	536	18.01	4.50	-11.41	-6.13	-0.77	7.49	0.05	9.89e-03	0.05	0.01	-5.27e-03
		537	18.82	3.99	-12.49	-8.23	-0.28	7.21	-7.30e-03	-0.06	-0.06	-7.68e-03	-4.22e-03
		836	58.37	46.60	-0.04	46.57	-0.02	1.11	0.02	8.37e-03	0.02	0.01	-7.06e-03
		837	37.36	29.66	0.13	29.58	0.21	1.56	-0.02	-0.06	-0.05	-0.02	0.01
755	1	535	7.96	-0.70	-3.93	-3.80	-0.83	0.64	0.28	-0.46	0.05	-0.23	0.34
		536	7.83	0.06	-3.46	-3.42	0.02	-0.38	0.29	-0.46	-0.10	-0.07	0.37
		837	15.29	11.10	0.15	11.10	0.15	-0.07	0.35	-0.35	-0.03	0.02	0.35
		838	16.76	11.15	-3.60e-03	11.14	-3.51e-03	-0.03	0.46	-0.56	-0.08	-0.03	0.51
755	2	535	46.59	18.46	-23.03	-4.96	0.39	20.57	0.35	-0.10	0.35	-0.09	-0.06
		536	56.01	15.93	-33.74	-15.97	-1.85	23.81	-0.11	-0.33	-0.33	-0.11	6.87e-03
		837	98.66	78.42	-0.46	78.26	-0.29	3.61	0.19	7.72e-03	0.10	0.10	-0.09
		838	32.59	24.68	-1.23	23.16	0.30	6.10	0.01	-0.45	-0.31	-0.13	0.21
755	3	535	5.64	0.98	-2.85	-1.67	-0.20	1.76	0.11	-0.14	0.05	-0.08	0.10
		536	6.47	0.77	-3.27	-2.37	-0.13	1.68	0.07	-0.17	-0.07	-0.03	0.12
		837	11.79	9.35	0.03	9.34	0.03	0.27	0.11	-0.09	8.69e-04	0.02	0.10
		838	7.18	5.22	2.19e-03	5.19	0.04	0.43	0.14	-0.22	-0.06	-0.02	0.18
755	4	535	17.39	6.82	-8.67	-2.01	0.16	7.67	0.14	-0.04	0.14	-0.04	-0.02
		536	21.00	5.87	-12.64	-6.08	-0.68	8.85	-0.04	-0.14	-0.14	-0.04	7.33e-03
		837	36.85	29.30	-0.16	29.24	-0.10	1.36	0.07	7.29e-03	0.04	0.04	-0.03
		838	12.27	9.29	-0.42	8.75	0.13	2.25	0.01	-0.19	-0.13	-0.05	0.09
756	1	6	23.44	1.73	-17.17	-12.70	-2.74	8.03	0.14	-0.38	0.12	-0.37	0.08
		535	14.62	3.28	-1.58	-1.07	2.77	-1.49	0.04	-1.07	-0.43	-0.60	0.55
		838	18.41	10.09	-0.03	9.87	0.19	1.49	0.36	-1.00	-0.55	-0.09	0.64
		46	37.80	17.36	-0.97	14.39	1.99	-6.75	2.12	0.83	2.10	0.85	-0.16
756	2	6	84.54	62.45	1.94	56.21	8.17	-18.40	0.48	-1.15	0.48	-1.15	0.06
		535	90.68	23.74	-54.56	-19.31	-11.51	38.95	-0.32	-0.90	-0.88	-0.35	0.12
		838	35.93	28.75	2.69	28.01	3.43	-4.33	-0.23	-0.37	-0.27	-0.33	0.06
		46	118.57	7.87	-88.39	-62.94	-17.57	42.45	1.36	0.72	0.72	1.36	-0.03
756	3	6	4.29	1.05	-1.00	0.38	-0.34	0.96	0.09	-0.24	0.09	-0.23	0.03
		535	9.33	1.71	-3.71	-1.99	-2.74e-03	2.52	-0.04	-0.41	-0.23	-0.23	0.18
		838	8.56	5.21	0.32	5.21	0.32	0.09	0.09	-0.35	-0.20	-0.06	0.21
		46	7.52	0.72	-1.89	-0.43	-0.74	1.30	0.75	0.40	0.74	0.41	-0.06
756	4	6	31.70	23.13	0.57	20.80	2.90	-6.87	0.19	-0.47	0.19	-0.46	0.02
		535	34.09	8.78	-20.40	-7.40	-4.23	14.50	-0.14	-0.37	-0.36	-0.15	0.05
		838	13.77	10.86	1.00	10.59	1.28	-1.63	-0.09	-0.16	-0.12	-0.13	0.04
		46	44.59	3.02	-32.90	-23.34	-6.54	15.88	0.56	0.33	0.33	0.56	-0.02
757	1	515	77.06	48.68	-10.34	37.48	0.86	-23.14	0.13	-0.88	-0.73	-0.02	0.35
		99	83.67	53.40	-14.89	39.19	-0.68	-27.72	0.44	-1.19	0.43	-1.19	0.10
		115	474.87	-47.11	-394.97	-394.97	-47.11	-0.05	0.99	-0.43	-0.43	0.99	0.07
		839	455.03	29.54	-346.69	-346.68	29.53	-0.55	0.28	-0.52	0.05	-0.29	0.36
757	2	515	119.17	56.75	-47.68	17.82	-8.76	-50.50	-1.22	-2.36	-2.16	-1.42	-0.44
		99	117.84	78.63	6.40	78.26	6.77	-5.15	0.96	-2.87	0.95	-2.86	-0.20
		115	413.40	-45.77	-337.64	-333.48	-49.93	-34.59	3.61	2.84	2.97	3.47	0.29
		839	303.13	25.06	-224.02	-223.98	25.01	3.47	-0.37	-1.44	-1.09	-0.73	-0.50
757	3	515	30.63	18.36	-6.45	12.24	-0.34	-10.69	-0.13	-0.44	-0.42	-0.14	0.06
		99	32.68	20.91	-3.39	17.32	0.19	-8.61	0.22	-0.62	0.22	-0.62	0.01
		115	168.87	-17.65	-142.34	-142.29	-17.70	-2.65	0.63	0.16	0.16	0.63	0.05
		839	156.66	10.64	-119.66	-119.66	10.64	0.10	-0.06	-0.19	-0.09	-0.16	0.06
757	4	515	44.48	21.02	-17.79	6.42	-3.19	-18.80	-0.48	-0.93	-0.85	-0.56	-0.17
		99	44.19	29.04	2.26	28.90	2.40	-1.93	0.38	-1.13	0.37	-1.12	-0.08
		115	154.22	-16.99	-125.62	-124.07	-18.54	-12.89	1.42	1.12	1.17	1.36	0.12
		839	112.87	9.32	-83.32	-83.30	9.30	1.29	-0.14	-0.57	-0.43	-0.28	-0.20
758	1	514	61.69	37.67	-12.64	28.08	-3.05	-19.77	0.17	-0.43	-0.30	0.03	0.25
		515	68.02	48.17	-7.75	38.51	1.91	-21.14	0.73	-0.09	0.44	0.20	0.39
		839	431.68	-5.83	-347.04	-346.95	-5.92	-5.52	-0.05	-0.39	-0.25	-0.18	0.17
		840	374.28	3.56	-296.26	-296.23	3.53	-3.17	0.53	-0.18	0.23	0.12	0.35
758	2	514	80.73	42.95	-30.98	15.08	-3.10	-35.83	-0.34	-0.77	-0.76	-0.36	-0.08
		515	83.63	51.70	-19.56	30.45	1.69	-32.60	0.75	-0.41	0.75	-0.41	0.04
		839	289.87	-3.81	-228.57	-228.20	-4.17	-9.08	0.16	-1.26	-0.76	-0.34	-0.67
		840	182.99	2.47	-144.77	-144.58	2.28	-5.27	0.36	0.04	0.15	0.24	0.15
758	3	514	23.97	14.12	-5.94	9.29	-1.12	-8.57	2.51e-03	-0.19	-0.16	-0.02	0.07
		515	25.51	17.96	-3.73	13.52	0.70	-8.75	0.26	-0.04	0.20	0.02	0.12
		839	149.90	-2.00	-120.11	-120.07	-2.05	-2.30	-0.08	-0.15	-0.15	-0.09	-0.02
		840	124.75	1.24	-98.73	-98.71	1.23	-1.36	0.19	-0.05	0.08	0.06	0.12



758	4	514	29.96	15.88	-11.58	5.44	-1.14	-13.33	-0.13	-0.30	-0.30	-0.14	-0.03
		515	31.11	19.12	-7.35	11.13	0.64	-12.15	0.29	-0.16	0.29	-0.16	0.02
		839	107.96	-1.40	-85.02	-84.89	-1.53	-3.35	0.06	-0.49	-0.30	-0.13	-0.27
		840	68.08	0.93	-53.85	-53.78	0.86	-1.98	0.14	0.02	0.06	0.10	0.06
759	1	513	51.73	32.02	-10.97	22.51	-1.47	-17.84	0.20	-0.22	-0.11	0.09	0.19
		514	59.41	39.18	-10.20	28.76	0.23	-20.15	0.46	-0.08	0.19	0.20	0.27
		840	370.24	-0.61	-296.40	-296.36	-0.66	-3.60	0.20	-0.29	-0.03	-0.06	0.24
		841	316.55	0.63	-252.04	-251.99	0.59	-3.34	0.29	-0.12	0.13	0.04	0.20
759	2	513	69.21	34.00	-28.99	6.24	-1.24	-31.27	-0.09	-0.30	-0.29	-0.10	0.04
		514	73.63	40.47	-26.52	15.39	-1.44	-32.43	0.27	-0.03	0.27	-0.03	0.01
		840	182.82	0.25	-144.09	-143.81	-0.04	-6.36	-0.08	-0.38	-0.33	-0.14	-0.12
		841	89.11	0.62	-70.61	-70.23	0.25	-5.13	0.14	0.02	0.08	0.08	0.06
759	3	513	20.07	11.78	-5.28	7.01	-0.52	-7.66	0.05	-0.09	-0.06	0.02	0.06
		514	22.67	14.45	-4.95	9.52	-0.03	-8.44	0.15	-0.01	0.08	0.06	0.08
		840	123.50	-0.16	-98.72	-98.69	-0.18	-1.53	0.03	-0.10	-0.04	-0.03	0.06
		841	100.52	0.23	-80.00	-79.98	0.21	-1.40	0.10	-0.03	0.04	0.02	0.07
759	4	513	25.73	12.58	-10.84	2.19	-0.45	-11.64	-0.04	-0.12	-0.11	-0.04	0.01
		514	27.39	14.98	-9.94	5.56	-0.52	-12.08	0.11	-0.01	0.10	-0.01	4.17e-03
		840	68.06	0.10	-53.59	-53.49	-1.94e-04	-2.34	-0.03	-0.15	-0.13	-0.05	-0.05
		841	33.17	0.25	-26.27	-26.12	0.11	-1.92	0.05	7.35e-03	0.03	0.03	0.02
760	1	512	43.90	26.99	-10.38	17.49	-0.87	-16.27	0.16	-0.12	-0.05	0.08	0.12
		513	50.65	32.27	-10.58	22.22	-0.53	-18.16	0.30	-0.06	0.09	0.15	0.18
		841	314.94	0.06	-251.62	-251.58	0.02	-3.16	0.19	-0.19	0.02	-0.02	0.19
		842	265.94	0.22	-212.07	-212.03	0.18	-2.92	0.17	-0.08	0.08	0.01	0.12
760	2	512	60.65	25.98	-29.26	-2.08	-1.20	-27.62	-0.02	-0.17	-0.15	-0.04	0.05
		513	64.66	31.72	-27.76	5.59	-1.63	-29.52	0.11	0.02	0.10	0.02	0.02
		841	88.64	0.80	-69.70	-69.26	0.36	-5.54	-0.04	-0.14	-0.13	-0.04	0.02
		842	11.59	3.15	-6.78	-3.70	0.07	-4.59	0.06	-0.02	0.02	0.02	0.04
760	3	512	17.02	9.70	-5.10	4.93	-0.34	-6.91	0.04	-0.05	-0.03	0.02	0.04
		513	19.44	11.73	-5.12	6.88	-0.27	-7.63	0.10	-0.01	0.04	0.05	0.05
		841	99.82	0.07	-79.81	-79.78	0.05	-1.33	0.05	-0.07	-5.93e-03	-9.04e-03	0.06
		842	79.20	0.09	-63.13	-63.11	0.07	-1.23	0.05	-0.02	0.02	6.10e-03	0.04
760	4	512	22.58	9.63	-10.93	-0.87	-0.43	-10.28	-8.23e-03	-0.07	-0.06	-0.02	0.02
		513	24.06	11.75	-10.39	1.95	-0.59	-11.00	0.04	6.50e-03	0.04	7.97e-03	7.04e-03
		841	33.00	0.31	-25.92	-25.76	0.15	-2.04	-0.01	-0.05	-0.05	-0.02	6.61e-03
		842	4.35	1.20	-2.53	-1.38	0.04	-1.72	0.02	-6.10e-03	7.64e-03	9.77e-03	0.01
761	1	511	37.25	22.58	-9.91	13.36	-0.70	-14.65	0.10	-0.06	-0.02	0.07	0.07
		512	43.06	26.79	-10.34	17.14	-0.69	-16.28	0.19	-0.03	0.05	0.11	0.11
		842	264.99	0.19	-211.62	-211.58	0.15	-2.82	0.14	-0.11	0.03	-6.45e-03	0.12
		843	221.06	0.13	-176.42	-176.38	0.09	-2.55	0.09	-0.04	0.05	5.38e-03	0.06
761	2	511	54.03	19.14	-29.77	-9.35	-1.28	-24.12	5.69e-03	-0.12	-0.09	-0.02	0.05
		512	57.42	24.12	-28.40	-2.72	-1.56	-26.25	0.06	-5.60e-03	0.04	0.02	0.03
		842	11.69	3.89	-6.38	-2.85	0.36	-4.88	7.98e-03	-0.10	-0.07	-0.01	0.04
		843	69.22	55.14	-0.20	54.85	0.09	-4.01	0.04	-0.04	-3.95e-03	0.01	0.04
761	3	511	14.43	7.86	-4.96	3.19	-0.29	-6.17	0.03	-0.03	-0.02	0.02	0.02
		512	16.55	9.52	-5.05	4.78	-0.31	-6.83	0.06	-9.16e-03	0.02	0.03	0.03
		842	78.78	0.11	-62.93	-62.91	0.08	-1.18	0.04	-0.04	1.36e-03	-3.25e-03	0.04
		843	60.35	0.07	-48.14	-48.12	0.05	-1.08	0.03	-0.01	0.01	2.57e-03	0.02
761	4	511	20.12	7.10	-11.10	-3.54	-0.46	-8.97	1.60e-03	-0.04	-0.03	-9.08e-03	0.02
		512	21.40	8.95	-10.62	-1.11	-0.57	-9.78	0.02	-1.59e-03	0.01	5.86e-03	0.01
		842	4.30	1.43	-2.35	-1.06	0.15	-1.79	2.56e-03	-0.04	-0.03	-5.49e-03	0.02
		843	25.74	20.51	-0.06	20.40	0.05	-1.51	0.02	-0.01	-1.65e-03	3.96e-03	0.02
762	1	510	31.56	18.77	-9.40	9.98	-0.62	-13.05	0.06	-0.02	-0.01	0.05	0.02
		511	36.56	22.24	-9.91	13.04	-0.70	-14.53	0.12	-0.01	0.03	0.08	0.06
		843	220.41	0.21	-176.01	-175.98	0.17	-2.49	0.08	-0.06	0.02	-2.93e-03	0.07
		844	181.39	0.11	-144.84	-144.80	0.08	-2.23	0.04	-0.01	0.03	2.79e-03	0.02
762	2	510	49.06	13.38	-30.30	-15.59	-1.33	-20.65	0.02	-0.09	-0.06	-0.02	0.05
		511	51.46	17.54	-28.97	-9.91	-1.52	-22.88	0.04	-0.03	7.51e-03	6.10e-03	0.04
		843	70.41	55.90	0.01	55.58	0.34	-4.25	0.02	-0.08	-0.05	-6.25e-03	0.05
		844	132.07	105.51	0.01	105.40	0.12	-3.41	0.04	-0.05	-0.01	4.90e-03	0.05
762	3	510	12.21	6.26	-4.78	1.75	-0.27	-5.43	0.02	-0.01	-9.42e-03	0.01	0.01
		511	14.04	7.65	-4.91	3.05	-0.31	-6.05	0.04	-5.11e-03	8.64e-03	0.02	0.02
		843	60.07	0.11	-47.96	-47.94	0.09	-1.04	0.02	-0.02	2.07e-03	-1.47e-03	0.02
		844	43.82	0.07	-34.96	-34.94	0.04	-0.94	0.02	-7.09e-03	7.35e-03	1.30e-03	0.01
762	4	510	18.27	4.98	-11.29	-5.83	-0.48	-7.68	7.00e-03	-0.04	-0.02	-6.12e-03	0.02
		511	19.20	6.52	-10.82	-3.75	-0.55	-8.53	0.02	-0.01	2.87e-03	2.30e-03	0.01
		843	26.18	20.78	0.02	20.67	0.14	-1.56	8.52e-03	-0.03	-0.02	-2.45e-03	0.02
		844	49.12	39.24	0.02	39.19	0.06	-1.29	0.02	-0.02	-5.72e-03	1.92e-03	0.02
763	1	509	26.69	15.49	-8.84	7.21	-0.56	-11.53	0.04	-9.13e-03	-8.48e-03	0.04	-5.39e-03
		510	30.97	18.41	-9.38	9.70	-0.67	-12.89	0.07	6.08e-03	0.01	0.06	0.02
		844	180.90	0.20	-144.48	-144.45	0.17	-2.18	0.04	-0.02	0.02	-1.46e-03	0.03
		845	146.50	0.10	-117.02	-116.99	0.07	-1.94	0.02	5.88e-04	0.02	1.56e-03	-4.09e-03
763	2	509	45.49	8.64	-30.85	-20.85	-1.36	-17.17	0.03	-0.08	-0.04	-0.01	0.05
		510	46.91	11.98	-29.55	-16.07	-1.50	-19.45	0.04	-0.05	-6.60e-03	5.22e-05	0.04
		844	132.95	106.14	0.19	106.02	0.32	-3.64	0.03	-0.07	-0.04	-3.15e-03	0.05
		845	185.13	147.98	0.09	147.93	0.14	-2.80	0.04	-0.06	-0.02	2.54e-03	0.05
763	3	509	10.31	4.88	-4.59	0.55	-0.26	-4.72	9.87e-03	-7.13e-03	-6.57e-03	9.30e-03	3.03e-03



		510	11.87	6.06	-4.73	1.63	-0.30	-5.31	0.02	-1.59e-03	3.31e-03	0.02	9.55e-03
		844	43.60	0.11	-34.81	-34.79	0.09	-0.90	0.01	-0.01	1.16e-03	-7.35e-04	0.01
		845	29.46	0.07	-23.51	-23.48	0.04	-0.81	5.32e-03	-1.37e-03	3.24e-03	7.06e-04	3.09e-03
763	4	509	16.93	3.22	-11.48	-7.76	-0.49	-6.39	0.01	-0.03	-0.02	-4.68e-03	0.02
		510	17.50	4.47	-11.02	-6.01	-0.54	-7.25	0.02	-0.02	-2.75e-03	-9.48e-05	0.02
		844	49.44	39.47	0.09	39.43	0.13	-1.33	0.01	-0.03	-0.02	-1.24e-03	0.02
		845	68.85	55.03	0.05	55.01	0.07	-1.06	0.02	-0.02	-7.52e-03	9.96e-04	0.02
764	1	508	23.18	12.67	-8.27	4.92	-0.51	-10.11	0.04	-0.02	-6.67e-03	0.02	-0.03
		509	26.29	15.14	-8.81	6.96	-0.62	-11.36	0.04	4.42e-03	5.97e-03	0.04	-7.43e-03
		845	146.11	0.19	-116.71	-116.68	0.16	-1.90	0.01	-1.37e-03	0.01	-7.32e-04	-2.79e-03
		846	115.98	0.10	-92.68	-92.65	0.07	-1.69	0.03	-0.02	9.39e-03	8.98e-04	-0.02
764	2	508	43.08	4.86	-31.39	-25.16	-1.38	-13.68	0.04	-0.08	-0.03	-9.43e-03	0.06
		509	43.68	7.43	-30.16	-21.25	-1.49	-15.99	0.04	-0.06	-0.01	-3.42e-03	0.05
		845	185.79	148.50	0.24	148.44	0.30	-3.03	0.04	-0.07	-0.03	-1.64e-03	0.05
		846	228.19	182.45	0.14	182.42	0.16	-2.20	0.05	-0.07	-0.02	1.32e-03	0.05
764	3	508	8.78	3.69	-4.37	-0.43	-0.24	-4.03	6.66e-03	-5.69e-03	-5.16e-03	6.14e-03	-2.49e-03
		509	10.01	4.69	-4.52	0.45	-0.28	-4.59	0.01	-9.65e-05	2.59e-04	0.01	2.02e-03
		845	29.29	0.11	-23.38	-23.35	0.08	-0.77	3.46e-03	-3.93e-03	-9.04e-05	-3.74e-04	3.69e-03
		846	17.16	0.08	-13.69	-13.66	0.05	-0.69	2.68e-03	-1.79e-03	4.96e-04	3.94e-04	-2.24e-03
764	4	508	16.02	1.82	-11.66	-9.34	-0.50	-5.09	0.01	-0.03	-0.01	-3.87e-03	0.02
		509	16.28	2.78	-11.23	-7.91	-0.54	-5.96	0.02	-0.02	-5.44e-03	-1.48e-03	0.02
		845	69.09	55.23	0.10	55.20	0.12	-1.10	0.01	-0.03	-0.01	-6.43e-04	0.02
		846	84.87	67.85	0.06	67.84	0.07	-0.84	0.02	-0.03	-8.25e-03	5.20e-04	0.02
765	1	507	20.06	10.24	-7.69	3.02	-0.47	-8.80	0.04	-0.04	-6.07e-03	0.02	-0.04
		508	22.78	12.34	-8.22	4.70	-0.57	-9.93	0.04	-0.02	1.11e-03	0.03	-0.03
		846	115.66	0.18	-92.41	-92.38	0.15	-1.65	0.03	-0.02	5.52e-03	-3.51e-04	-0.02
		847	89.46	0.10	-71.51	-71.48	0.07	-1.46	0.04	-0.04	3.45e-03	5.25e-04	-0.04
765	2	507	41.58	2.00	-31.93	-28.53	-1.40	-10.18	0.04	-0.08	-0.02	-7.92e-03	0.06
		508	41.61	3.85	-30.80	-25.47	-1.48	-12.50	0.04	-0.07	-0.02	-5.19e-03	0.05
		846	228.68	182.86	0.25	182.83	0.29	-2.42	0.04	-0.07	-0.03	-8.35e-04	0.06
		847	261.19	208.87	0.17	208.86	0.18	-1.59	0.05	-0.07	-0.02	6.57e-04	0.06
765	3	507	7.55	2.68	-4.15	-1.24	-0.23	-3.37	6.72e-03	-7.56e-03	-4.49e-03	3.65e-03	-5.87e-03
		508	8.52	3.51	-4.30	-0.52	-0.27	-3.90	8.20e-03	-2.48e-03	-1.54e-03	7.26e-03	-3.03e-03
		846	17.05	0.11	-13.58	-13.55	0.08	-0.65	1.24e-03	-2.70e-03	-1.28e-03	-1.83e-04	-1.89e-03
		847	6.90	0.11	-5.44	-5.38	0.05	-0.57	5.07e-03	-6.22e-03	-1.37e-03	2.19e-04	-5.59e-03
765	4	507	15.44	0.76	-11.85	-10.58	-0.51	-3.78	0.02	-0.03	-9.95e-03	-3.30e-03	0.02
		508	15.49	1.46	-11.45	-9.46	-0.54	-4.66	0.02	-0.03	-6.72e-03	-2.21e-03	0.02
		846	85.05	68.01	0.11	67.99	0.12	-0.88	0.02	-0.03	-0.01	-3.27e-04	0.02
		847	97.15	77.68	0.07	77.68	0.08	-0.61	0.02	-0.03	-8.52e-03	2.58e-04	0.02
766	1	506	17.27	8.14	-7.13	1.44	-0.43	-7.57	0.05	-0.05	-5.95e-03	8.89e-03	-0.05
		507	19.65	9.93	-7.63	2.82	-0.52	-8.62	0.05	-0.03	-1.96e-03	0.02	-0.04
		847	89.21	0.17	-71.28	-71.25	0.14	-1.42	0.04	-0.04	1.37e-03	-1.46e-04	-0.04
		848	66.69	0.10	-53.27	-53.24	0.07	-1.25	0.04	-0.05	-7.40e-04	3.03e-04	-0.05
766	2	506	40.77	0.02	-32.43	-30.99	-1.42	-6.67	0.05	-0.08	-0.02	-6.54e-03	0.06
		507	40.47	1.23	-31.46	-28.76	-1.47	-9.00	0.05	-0.07	-0.02	-5.89e-03	0.06
		847	261.54	209.17	0.25	209.15	0.27	-1.82	0.05	-0.07	-0.02	-3.73e-04	0.06
		848	284.11	227.22	0.19	227.22	0.20	-0.98	0.05	-0.07	-0.02	2.59e-04	0.06
766	3	506	6.48	1.82	-3.92	-1.88	-0.22	-2.75	7.05e-03	-9.43e-03	-4.17e-03	1.79e-03	-7.69e-03
		507	7.29	2.51	-4.07	-1.31	-0.25	-3.25	7.85e-03	-6.28e-03	-2.65e-03	4.23e-03	-6.17e-03
		847	6.80	0.13	-5.35	-5.29	0.07	-0.54	4.31e-03	-6.67e-03	-2.29e-03	-7.78e-05	-5.38e-03
		848	2.05	1.56	-0.10	1.42	0.05	-0.47	6.31e-03	-8.87e-03	-2.68e-03	1.14e-04	-7.46e-03
766	4	506	15.13	0.02	-12.03	-11.49	-0.51	-2.48	0.02	-0.03	-8.66e-03	-2.78e-03	0.03
		507	15.05	0.48	-11.68	-10.67	-0.53	-3.36	0.02	-0.03	-7.38e-03	-2.51e-03	0.02
		847	97.28	77.80	0.11	77.79	0.11	-0.65	0.02	-0.03	-9.75e-03	-1.45e-04	0.02
		848	105.68	84.52	0.08	84.51	0.09	-0.39	0.02	-0.03	-8.63e-03	1.01e-04	0.02
767	1	505	14.78	6.33	-6.58	0.15	-0.40	-6.45	0.05	-0.05	-5.97e-03	4.00e-03	-0.05
		506	16.87	7.85	-7.05	1.28	-0.48	-7.40	0.05	-0.04	-3.98e-03	9.52e-03	-0.05
		848	66.49	0.16	-53.07	-53.04	0.13	-1.21	0.04	-0.05	-1.76e-03	-2.95e-05	-0.04
		849	47.28	0.10	-37.71	-37.68	0.07	-1.06	0.05	-0.05	-3.70e-03	1.58e-04	-0.05
767	2	505	40.46	-1.11	-32.87	-32.56	-1.43	-3.15	0.06	-0.08	-0.02	-5.02e-03	0.07
		506	40.03	-0.48	-32.12	-31.14	-1.46	-5.49	0.05	-0.08	-0.02	-5.91e-03	0.06
		848	284.33	227.41	0.25	227.41	0.25	-1.21	0.05	-0.08	-0.02	-6.19e-05	0.06
		849	296.94	237.49	0.21	237.49	0.21	-0.38	0.06	-0.08	-0.02	-3.24e-05	0.07
767	3	505	5.59	1.10	-3.70	-2.39	-0.21	-2.14	6.93e-03	-0.01	-3.98e-03	4.73e-04	-8.39e-03
		506	6.25	1.66	-3.84	-1.94	-0.24	-2.62	7.65e-03	-9.02e-03	-3.40e-03	2.03e-03	-7.88e-03
		848	2.08	1.61	-0.05	1.49	0.07	-0.43	5.94e-03	-9.01e-03	-3.07e-03	-1.23e-05	-7.32e-03
		849	8.54	6.83	0.03	6.81	0.05	-0.36	6.67e-03	-0.01	-3.61e-03	4.21e-05	-8.26e-03
767	4	505	15.01	-0.40	-12.19	-12.08	-0.52	-1.17	0.02	-0.03	-7.84e-03	-2.20e-03	0.03
		506	14.87	-0.16	-11.92	-11.55	-0.53	-2.05	0.02	-0.03	-7.87e-03	-2.54e-03	0.02
		848	105.76	84.59	0.11	84.59	0.11	-0.43	0.02	-0.03	-9.00e-03	-2.19e-05	0.02
		849	110.46	88.34	0.09	88.34	0.09	-0.16	0.02	-0.03	-8.77e-03	-1.42e-05	0.03
768	1	504	12.57	4.77	-6.05	-0.91	-0.37	-5.40	0.05	-0.05	-5.89e-03	5.45e-04	-0.05
		505	14.40	6.06	-6.49	6.55e-03	-0.44	-6.27	0.05	-0.05	-5.41e-03	4.20e-03	-0.05
		849	47.10	0.15	-37.54	-37.51	0.12	-1.02	0.05	-0.05	-4.02e-03	5.16e-05	-0.05
		850	30.95	0.10	-24.62	-24.59	0.07	-0.89	0.05	-0.05	-5.80e-03	4.34e-05	-0.05
768	2	504	40.85	-1.44	-33.23	-33.22	-1.44	0.37	0.06	-0.08	-0.02	-3.11e-03	0.07
		505	40.20	-1.32	-32.75	-32.62	-1.45	-1.97	0.05	-0.08	-0.02	-5.51e-03	0.07



		849	297.02	237.58	0.24	237.58	0.24	-0.60	0.06	-0.08	-0.02	2.25e-04	0.07
		850	299.66	239.68	0.23	239.68	0.23	0.23	0.06	-0.08	-0.02	-3.34e-04	0.07
768	3	504	4.87	0.54	-3.50	-2.76	-0.21	-1.57	6.43e-03	-0.01	-3.80e-03	-3.69e-04	-8.34e-03
		505	5.38	0.97	-3.63	-2.43	-0.23	-2.02	7.08e-03	-0.01	-4.01e-03	4.74e-04	-8.56e-03
		849	8.60	6.88	0.05	6.87	0.07	-0.33	6.56e-03	-0.01	-3.62e-03	4.11e-05	-8.14e-03
		850	13.60	10.87	0.04	10.87	0.05	-0.27	6.42e-03	-0.01	-4.33e-03	-2.28e-05	-8.33e-03
768	4	504	15.18	-0.52	-12.33	-12.33	-0.52	0.14	0.02	-0.03	-7.20e-03	-1.45e-03	0.03
		505	14.92	-0.48	-12.15	-12.10	-0.53	-0.74	0.02	-0.03	-8.51e-03	-2.40e-03	0.03
		849	110.49	88.38	0.10	88.38	0.10	-0.20	0.02	-0.03	-8.45e-03	9.25e-05	0.03
		850	111.48	89.17	0.10	89.17	0.10	0.06	0.02	-0.03	-9.09e-03	-1.35e-04	0.03
769	1	503	10.63	3.44	-5.54	-1.76	-0.34	-4.43	0.05	-0.05	-5.57e-03	-1.74e-03	-0.05
		504	12.21	4.52	-5.95	-1.03	-0.40	-5.23	0.05	-0.06	-6.57e-03	3.64e-04	-0.05
		850	30.80	0.14	-24.48	-24.45	0.11	-0.84	0.05	-0.05	-5.52e-03	1.34e-04	-0.05
		851	17.49	0.11	-13.81	-13.77	0.07	-0.73	0.05	-0.05	-7.35e-03	-7.66e-05	-0.05
769	2	503	41.63	-0.98	-33.47	-33.00	-1.46	3.89	0.07	-0.08	-0.02	-5.54e-04	0.07
		504	41.09	-1.36	-33.28	-33.21	-1.43	1.56	0.06	-0.08	-0.02	-4.93e-03	0.07
		850	299.62	239.66	0.22	239.66	0.22	2.89e-03	0.06	-0.08	-0.02	6.04e-04	0.07
		851	292.29	233.78	0.24	233.78	0.25	0.84	0.06	-0.08	-0.02	-7.71e-04	0.07
769	3	503	4.34	0.13	-3.33	-3.01	-0.20	-1.01	5.75e-03	-0.01	-3.49e-03	-7.94e-04	-7.78e-03
		504	4.71	0.43	-3.43	-2.79	-0.22	-1.44	6.16e-03	-0.01	-4.64e-03	-6.19e-04	-8.55e-03
		850	13.64	10.91	0.06	10.91	0.06	-0.23	6.52e-03	-0.01	-3.94e-03	1.05e-04	-8.19e-03
		851	17.06	13.64	0.05	13.64	0.05	-0.18	5.76e-03	-0.01	-4.95e-03	-1.04e-04	-7.93e-03
769	4	503	15.50	-0.35	-12.44	-12.26	-0.53	1.45	0.03	-0.03	-6.42e-03	-4.41e-04	0.03
		504	15.27	-0.49	-12.35	-12.33	-0.52	0.57	0.02	-0.03	-9.59e-03	-2.19e-03	0.03
		850	111.47	89.16	0.09	89.16	0.09	0.02	0.02	-0.03	-7.94e-03	2.44e-04	0.03
		851	108.76	86.99	0.10	86.99	0.10	0.29	0.02	-0.03	-9.72e-03	-3.10e-04	0.03
770	1	502	8.92	2.32	-5.05	-2.42	-0.31	-3.53	0.05	-0.05	-4.77e-03	-3.08e-03	-0.05
		503	10.29	3.21	-5.43	-1.85	-0.37	-4.26	0.05	-0.06	-7.78e-03	-2.39e-03	-0.05
		851	17.36	0.14	-13.70	-13.66	0.10	-0.68	0.05	-0.05	-6.32e-03	2.54e-04	-0.05
		852	6.77	0.13	-5.13	-5.06	0.07	-0.58	0.04	-0.05	-8.63e-03	-2.45e-04	-0.05
770	2	502	42.68	0.23	-33.56	-31.86	-1.47	7.38	0.07	-0.08	-0.01	3.00e-03	0.07
		503	42.30	-0.61	-33.70	-32.90	-1.41	5.08	0.06	-0.09	-0.03	-4.44e-03	0.07
		851	292.11	233.65	0.20	233.65	0.20	0.61	0.06	-0.08	-0.02	1.23e-03	0.07
		852	274.83	219.81	0.26	219.80	0.27	1.45	0.06	-0.09	-0.03	-1.54e-03	0.07
770	3	502	4.00	-0.12	-3.22	-3.14	-0.19	-0.48	5.13e-03	-8.84e-03	-2.88e-03	-8.28e-04	-6.91e-03
		503	4.24	0.05	-3.28	-3.03	-0.20	-0.89	4.94e-03	-0.01	-5.49e-03	-1.40e-03	-8.13e-03
		851	17.08	13.66	0.06	13.66	0.06	-0.14	6.11e-03	-9.91e-03	-4.00e-03	2.07e-04	-7.73e-03
		852	18.99	15.18	0.05	15.18	0.05	-0.09	4.84e-03	-0.01	-5.62e-03	-2.35e-04	-7.29e-03
770	4	502	15.92	0.10	-12.50	-11.86	-0.54	2.75	0.03	-0.03	-5.05e-03	9.73e-04	0.03
		503	15.74	-0.22	-12.52	-12.23	-0.51	1.88	0.02	-0.04	-0.01	-2.00e-03	0.03
		851	108.69	86.94	0.09	86.94	0.09	0.24	0.03	-0.03	-7.28e-03	4.97e-04	0.03
		852	102.28	81.81	0.11	81.80	0.11	0.52	0.02	-0.03	-0.01	-6.18e-04	0.03
771	1	501	7.44	1.40	-4.59	-2.91	-0.28	-2.69	0.04	-0.05	-3.13e-03	-3.60e-03	-0.05
		502	8.63	2.12	-4.95	-2.49	-0.34	-3.37	0.04	-0.06	-9.42e-03	-4.47e-03	-0.05
		852	6.64	0.15	-5.03	-4.98	0.10	-0.53	0.05	-0.05	-6.41e-03	4.71e-04	-0.05
		853	2.63	1.81	-0.05	1.69	0.06	-0.45	0.04	-0.05	-9.96e-03	-5.41e-04	-0.05
771	2	501	44.01	2.18	-33.47	-29.79	-1.50	10.85	0.08	-0.07	-5.42e-03	8.00e-03	0.08
		502	43.81	0.90	-33.95	-31.68	-1.37	8.60	0.05	-0.09	-0.04	-4.51e-03	0.07
		852	274.49	219.57	0.17	219.56	0.18	1.21	0.07	-0.08	-0.01	2.41e-03	0.07
		853	247.31	197.77	0.27	197.75	0.29	2.06	0.05	-0.09	-0.03	-3.06e-03	0.07
771	3	501	3.85	-0.19	-3.16	-3.16	-0.19	0.03	4.83e-03	-6.92e-03	-1.63e-03	-4.67e-04	-5.85e-03
		502	3.98	-0.15	-3.19	-3.15	-0.19	-0.35	3.48e-03	-0.01	-6.84e-03	-2.03e-03	-7.54e-03
		852	18.98	15.18	0.05	15.18	0.05	-0.05	5.60e-03	-8.92e-03	-3.71e-03	3.95e-04	-6.96e-03
		853	19.44	15.53	0.05	15.53	0.05	-1.07e-04	3.71e-03	-0.01	-6.54e-03	-4.84e-04	-6.56e-03
771	4	501	16.45	0.82	-12.49	-11.12	-0.55	4.04	0.03	-0.03	-2.31e-03	2.97e-03	0.03
		502	16.33	0.34	-12.64	-11.80	-0.50	3.19	0.02	-0.04	-0.01	-2.05e-03	0.03
		852	102.16	81.72	0.08	81.71	0.08	0.47	0.03	-0.03	-6.17e-03	9.68e-04	0.03
		853	92.07	73.63	0.11	73.62	0.12	0.74	0.02	-0.04	-0.01	1.23e-03	0.03
772	1	500	6.20	0.67	-4.18	-3.26	-0.25	-1.90	0.04	-0.04	1.22e-04	-3.39e-03	-0.04
		501	7.24	1.22	-4.51	-2.97	-0.32	-2.54	0.04	-0.06	-0.01	-6.31e-03	-0.05
		853	2.62	1.85	8.90e-03	1.76	0.10	-0.39	0.04	-0.05	-5.59e-03	9.29e-04	-0.05
		854	8.37	6.66	0.04	6.64	0.06	-0.32	0.04	-0.05	-0.01	-1.21e-03	-0.04
772	2	500	45.63	4.85	-33.15	-26.72	-1.58	14.25	0.09	-0.06	8.50e-03	0.01	0.08
		501	45.69	3.20	-34.02	-29.52	-1.30	12.13	0.04	-0.10	-0.05	-6.19e-03	0.07
		853	246.79	197.41	0.12	197.40	0.13	1.80	0.07	-0.08	-9.35e-03	4.89e-03	0.07
		854	209.77	167.69	0.30	167.64	0.34	2.70	0.05	-0.10	-0.04	-6.73e-03	0.07
772	3	500	3.92	-0.09	-3.16	-3.07	-0.18	0.53	5.22e-03	-4.06e-03	8.78e-04	2.73e-04	-4.63e-03
		501	3.92	-0.17	-3.16	-3.16	-0.18	0.16	1.70e-03	-0.01	-9.21e-03	-2.77e-03	-6.99e-03
		853	19.40	15.52	0.05	15.52	0.05	0.04	5.29e-03	-7.35e-03	-2.86e-03	7.93e-04	-6.05e-03
		854	18.46	14.74	0.06	14.73	0.06	0.08	2.07e-03	-0.01	-8.25e-03	-1.07e-03	-5.69e-03
772	4	500	17.08	1.81	-12.40	-10.02	-0.57	5.31	0.03	-0.03	3.36e-03	5.58e-03	0.03
		501	17.07	1.19	-12.69	-11.02	-0.47	4.51	0.02	-0.04	-0.02	-2.73e-03	0.03
		853	91.87	73.49	0.06	73.49	0.06	0.69	0.03	-0.03	-3.97e-03	1.97e-03	0.03
		854	78.13	62.45	0.12	62.44	0.14	0.98	0.02	-0.04	-0.02	-2.70e-03	0.03
773	1	499	5.18	0.16	-3.84	-3.49	-0.20	-1.14	0.04	-0.04	6.73e-03	-2.83e-03	-0.04
		500	6.14	0.51	-4.14	-3.30	-0.33	-1.79	0.03	-0.06	-0.02	-8.66e-03	-0.04
		854	8.35	6.70	0.09	6.69	0.10	-0.25	0.04	-0.04	-3.26e-03	2.14e-03	-0.04



		855	12.49	9.91	0.04	9.90	0.05	-0.22	0.03	-0.05	-0.02	-3.22e-03	-0.04
773	2	499	47.44	8.17	-32.52	-22.57	-1.78	17.49	0.11	-0.05	0.04	0.02	0.08
		500	48.16	6.41	-33.92	-26.37	-1.13	15.72	0.03	-0.12	-0.08	-0.01	0.06
		854	208.99	167.19	0.02	167.16	0.05	2.37	0.08	-0.06	2.11e-03	0.01	0.07
		855	162.28	129.56	0.34	129.48	0.42	3.39	0.03	-0.12	-0.07	-0.02	0.07
773	3	499	4.16	0.15	-3.19	-2.86	-0.18	1.00	7.66e-03	-6.98e-04	6.13e-03	8.32e-04	-3.23e-03
		500	4.04	-0.03	-3.19	-3.05	-0.17	0.66	-8.51e-04	-0.02	-0.01	-4.15e-03	-6.54e-03
		854	18.38	14.71	0.05	14.71	0.05	0.12	5.96e-03	-5.00e-03	-8.87e-04	1.85e-03	-5.31e-03
		855	16.12	12.84	0.06	12.83	0.06	0.17	-1.73e-03	-0.01	-0.01	-2.89e-03	-3.55e-03
773	4	499	17.78	3.03	-12.19	-8.51	-0.65	6.52	0.04	-0.02	0.02	7.16e-03	0.03
		500	18.01	2.38	-12.67	-9.89	-0.41	5.84	0.01	-0.05	-0.03	-5.28e-03	0.03
		854	77.83	62.27	0.02	62.26	0.03	0.90	0.03	-0.03	7.03e-04	4.63e-03	0.03
		855	60.50	48.29	0.14	48.26	0.17	1.24	0.01	-0.05	-0.03	-7.36e-03	0.03
774	1	498	4.66	-0.12	-3.66	-3.62	-0.16	-0.36	0.04	-0.03	0.02	-5.75e-03	-0.03
		499	5.41	0.01	-3.88	-3.52	-0.35	-1.13	0.02	-0.06	-0.03	-0.01	-0.04
		855	12.40	9.95	0.10	9.95	0.10	-0.13	0.05	-0.04	2.01e-03	6.00e-03	-0.04
		856	14.71	11.60	0.04	11.59	0.04	-0.12	8.43e-03	-0.05	-0.03	-0.01	-0.03
774	2	498	49.00	12.09	-31.17	-16.99	-2.09	20.31	0.15	-0.04	0.11	-9.46e-03	0.07
		499	51.80	10.78	-33.71	-22.13	-0.81	19.52	-7.40e-03	-0.18	-0.15	-0.04	0.06
		855	161.31	128.87	-0.13	128.81	-0.07	2.90	0.09	-0.03	0.03	0.03	0.06
		856	105.11	83.38	0.30	83.17	0.52	4.20	0.03	-0.25	-0.16	-0.06	0.13
774	3	498	4.51	0.50	-3.21	-2.52	-0.19	1.44	0.02	-3.23e-03	0.02	-3.09e-03	-1.78e-03
		499	4.35	0.26	-3.25	-2.83	-0.15	1.14	-6.58e-03	-0.03	-0.02	-8.17e-03	-5.35e-03
		855	15.98	12.80	0.04	12.80	0.04	0.20	0.01	-1.59e-03	3.41e-03	5.34e-03	-5.89e-03
		856	12.49	9.86	0.06	9.85	0.06	0.26	-7.17e-03	-0.03	-0.03	-9.31e-03	6.37e-03
774	4	498	18.36	4.47	-11.71	-6.48	-0.76	7.57	0.06	-0.02	0.05	-4.19e-03	0.03
		499	19.39	3.98	-12.62	-8.35	-0.29	7.26	-3.12e-03	-0.07	-0.06	-0.01	0.03
		855	60.13	48.04	-0.04	48.01	-0.01	1.10	0.04	-0.01	0.01	0.01	0.02
		856	39.27	31.13	0.13	31.06	0.20	1.54	0.01	-0.10	-0.07	-0.02	0.05
775	1	497	5.65	-0.77	-4.25	-4.13	-0.88	0.61	0.07	-0.04	0.06	-0.03	-0.03
		498	5.27	0.10	-3.70	-3.63	0.02	-0.53	-0.01	-0.08	-0.06	-0.03	-0.03
		856	14.52	11.67	0.17	11.67	0.17	-0.10	0.05	-0.03	9.10e-03	0.02	-0.04
		857	15.49	11.99	-0.02	11.99	-0.01	-0.07	-0.02	-0.07	-0.06	-0.02	0.01
775	2	497	46.38	17.99	-24.30	-6.53	0.22	20.87	0.32	-0.23	0.32	-0.22	0.06
		498	58.24	15.74	-34.42	-16.88	-1.80	23.92	-0.10	-0.41	-0.36	-0.15	0.11
		856	103.39	82.43	-0.42	82.28	-0.27	3.55	0.10	0.05	0.05	0.09	0.02
		857	37.20	28.52	-1.03	27.22	0.27	6.06	0.15	-0.63	-0.35	-0.13	0.37
775	3	497	4.82	0.90	-3.03	-1.91	-0.23	1.78	0.05	-0.03	0.05	-0.03	-1.75e-03
		498	5.01	0.72	-3.35	-2.51	-0.12	1.65	-0.03	-0.06	-0.06	-0.03	2.22e-03
		856	12.25	9.82	0.03	9.81	0.04	0.26	0.02	1.03e-03	8.27e-03	0.01	-9.88e-03
		857	7.59	5.78	2.35e-03	5.75	0.03	0.41	9.97e-03	-0.08	-0.05	-0.02	0.04
775	4	497	17.34	6.64	-9.16	-2.62	0.10	7.78	0.13	-0.09	0.13	-0.09	0.02
		498	21.81	5.80	-12.90	-6.44	-0.66	8.89	-0.04	-0.16	-0.15	-0.06	0.04
		856	38.61	30.79	-0.15	30.73	-0.09	1.34	0.04	0.02	0.02	0.04	8.26e-03
		857	14.03	10.73	-0.35	10.26	0.12	2.23	0.06	-0.25	-0.14	-0.05	0.15
776	1	7	25.84	1.85	-19.02	-14.11	-3.06	8.85	0.06	-0.23	0.06	-0.23	4.61e-03
		497	6.52	3.76	-1.82	-1.12	3.05	-1.85	-0.09	-0.16	-0.15	-0.09	-0.01
		857	13.95	10.85	-0.05	10.60	0.20	1.63	-0.06	-0.08	-0.07	-0.06	0.01
		73	25.96	19.27	-1.08	15.95	2.24	-7.52	0.28	0.15	0.18	0.25	-0.05
776	2	7	78.11	56.87	1.39	51.61	6.65	-16.26	0.42	-1.31	0.41	-1.31	0.09
		497	93.38	23.69	-54.31	-20.25	-10.37	38.69	-0.47	-1.15	-0.99	-0.63	0.29
		857	43.96	32.43	2.99	31.84	3.59	-4.16	-0.11	-0.80	-0.55	-0.36	0.33
		73	118.08	8.05	-83.01	-57.68	-17.28	40.80	1.76	1.47	1.59	1.64	-0.14
776	3	7	4.09	0.87	-1.86	-0.42	-0.57	1.36	0.06	-0.20	0.06	-0.20	0.01
		497	6.77	1.69	-3.61	-2.10	0.18	2.39	-0.08	-0.16	-0.15	-0.10	0.03
		857	7.49	5.73	0.34	5.73	0.34	0.14	-0.03	-0.11	-0.08	-0.06	0.04
		73	3.74	0.99	-1.19	0.45	-0.65	0.95	0.27	0.20	0.23	0.25	-0.03
776	4	7	29.28	21.03	0.34	19.06	2.31	-6.08	0.17	-0.53	0.17	-0.52	0.03
		497	35.06	8.76	-20.32	-7.77	-3.80	14.40	-0.19	-0.46	-0.40	-0.25	0.12
		857	16.75	12.24	1.12	12.02	1.34	-1.57	-0.04	-0.32	-0.22	-0.14	0.14
		73	44.34	3.09	-30.89	-21.37	-6.43	15.26	0.71	0.59	0.64	0.66	-0.06
777	1	477	71.84	31.55	-3.98	27.04	0.53	-11.83	3.07	-1.13	2.93e-03	1.93	1.87
		100	50.46	34.56	-3.98	31.11	-0.52	-11.02	0.89	-0.79	0.66	-0.56	0.57
		110	337.52	-29.90	-238.73	-238.71	-29.91	-1.66	-0.95	-6.43	-6.39	-1.00	-0.48
		858	300.86	18.29	-214.82	-214.82	18.29	0.78	3.40	-1.59	1.89	-0.08	2.29
777	2	477	123.34	55.96	-48.87	15.08	-7.99	-51.13	-1.26	-2.67	-2.29	-1.65	-0.63
		100	116.04	75.20	4.68	74.78	5.10	-5.44	0.94	-3.09	0.92	-3.07	-0.25
		110	423.20	-46.85	-340.85	-336.61	-51.09	-35.06	4.13	3.42	3.76	3.80	0.35
		858	308.84	25.72	-226.67	-226.60	25.66	3.92	-0.24	-1.87	-1.32	-0.78	-0.77
777	3	477	28.80	13.02	-4.45	8.94	-0.37	-7.39	0.69	-0.48	-0.21	0.42	0.50
		100	23.98	15.54	-0.78	14.66	0.10	-3.69	0.31	-0.48	0.28	-0.45	0.15
		110	128.07	-12.58	-96.32	-96.20	-12.70	-3.16	0.07	-1.55	-1.55	0.06	-0.11
		858	110.81	7.36	-80.77	-80.76	7.36	0.53	0.84	-0.49	0.44	-0.10	0.61
777	4	477	46.04	20.73	-18.23	5.40	-2.90	-19.03	-0.49	-1.04	-0.89	-0.64	-0.24
		100	43.50	27.76	1.61	27.60	1.77	-2.03	0.37	-1.20	0.36	-1.19	-0.10
		110	157.81	-17.39	-126.79	-125.20	-18.97	-13.06	1.61	1.33	1.46	1.48	0.14
		858	114.96	9.57	-84.28	-84.26	9.54	1.46	-0.09	-0.72	-0.51	-0.30	-0.30



778	1	476	51.08	26.04	-5.18	22.51	-1.65	-9.89	1.32	-0.89	-0.12	0.55	1.06
		477	57.01	31.88	-1.48	28.72	1.69	-9.78	2.51	-0.45	0.73	1.33	1.45
		858	270.20	-3.63	-215.61	-215.56	-3.67	-2.92	1.36	-1.62	6.11e-03	-0.27	1.49
		859	245.69	2.15	-190.30	-190.28	2.14	-1.60	1.64	-0.81	0.66	0.17	1.20
778	2	476	83.10	42.25	-32.06	13.38	-3.19	-36.22	-0.30	-0.88	-0.79	-0.38	-0.21
		477	84.94	50.42	-20.73	27.95	1.74	-33.07	0.75	-0.52	0.74	-0.52	-0.09
		858	293.94	-3.90	-231.39	-231.02	-4.26	-9.09	0.32	-1.46	-0.79	-0.34	-0.86
		859	185.73	2.51	-147.22	-147.04	2.33	-5.21	0.25	0.13	0.13	0.24	0.02
778	3	476	20.65	10.41	-3.61	7.53	-0.72	-5.67	0.33	-0.31	-0.11	0.13	0.29
		477	22.00	12.84	-1.77	10.43	0.64	-5.42	0.74	-0.11	0.29	0.35	0.42
		858	101.07	-1.36	-81.36	-81.33	-1.39	-1.53	0.27	-0.45	-0.07	-0.11	0.36
		859	86.85	0.83	-67.51	-67.49	0.82	-0.89	0.50	-0.22	0.21	0.07	0.36
778	4	476	30.90	15.63	-11.98	4.82	-1.17	-13.47	-0.12	-0.34	-0.31	-0.15	-0.08
		477	31.59	18.64	-7.78	10.21	0.65	-12.32	0.29	-0.20	0.29	-0.20	-0.03
		858	109.45	-1.43	-86.05	-85.91	-1.57	-3.36	0.12	-0.57	-0.31	-0.13	-0.33
		859	69.08	0.94	-54.75	-54.68	0.87	-1.96	0.10	0.05	0.05	0.10	9.18e-03
779	1	475	41.75	23.00	-4.32	19.26	-0.57	-9.40	0.96	-0.54	-5.97e-03	0.43	0.72
		476	48.38	26.79	-3.32	23.01	0.46	-9.98	1.61	-0.51	0.35	0.75	1.04
		859	241.91	-0.42	-190.44	-190.43	-0.43	-1.83	1.25	-0.98	0.31	-0.05	1.10
		860	213.27	0.36	-167.42	-167.40	0.34	-1.84	0.96	-0.55	0.36	0.04	0.74
779	2	475	70.12	34.02	-29.69	5.62	-1.29	-31.67	-0.08	-0.33	-0.30	-0.11	-0.08
		476	76.02	39.93	-27.58	13.75	-1.40	-32.89	0.31	-0.09	0.27	-0.05	-0.12
		859	186.33	0.21	-146.58	-146.31	-0.06	-6.30	0.03	-0.53	-0.35	-0.14	-0.26
		860	91.69	0.62	-72.90	-72.55	0.27	-5.07	0.13	0.02	0.07	0.08	-0.06
779	3	475	16.92	8.94	-3.18	6.02	-0.26	-5.18	0.26	-0.18	-0.03	0.12	0.21
		476	19.24	10.54	-2.80	7.70	0.04	-5.46	0.48	-0.13	0.13	0.22	0.30
		859	85.27	-0.11	-67.50	-67.48	-0.12	-1.00	0.32	-0.29	0.06	-0.03	0.30
		860	70.14	0.15	-55.10	-55.09	0.13	-0.95	0.29	-0.15	0.11	0.02	0.22
779	4	475	26.08	12.60	-11.09	1.97	-0.47	-11.78	-0.03	-0.13	-0.12	-0.04	-0.03
		476	28.28	14.78	-10.33	4.96	-0.51	-12.25	0.12	-0.03	0.10	-0.02	-0.04
		859	69.35	0.09	-54.51	-54.41	-8.27e-03	-2.32	0.01	-0.20	-0.14	-0.06	-0.10
		860	34.12	0.25	-27.12	-26.98	0.11	-1.90	0.05	7.48e-03	0.03	0.03	-0.02
780	1	474	34.71	20.07	-4.31	16.01	-0.24	-9.09	0.68	-0.29	0.03	0.36	0.45
		475	40.43	23.01	-3.94	19.10	-0.02	-9.49	1.08	-0.36	0.20	0.51	0.70
		860	212.02	8.48e-03	-167.18	-167.16	-8.85e-03	-1.70	0.88	-0.63	0.26	-0.01	0.74
		861	184.55	0.10	-145.46	-145.44	0.08	-1.71	0.61	-0.34	0.26	0.01	0.46
780	2	474	61.69	26.56	-29.44	-1.67	-1.21	-28.00	-0.03	-0.18	-0.16	-0.06	-0.06
		475	67.00	31.80	-28.45	4.98	-1.62	-29.94	0.17	-0.06	0.10	0.01	-0.10
		860	91.89	0.77	-72.01	-71.60	0.35	-5.47	0.02	-0.21	-0.15	-0.04	-0.10
		861	13.28	2.52	-8.34	-5.90	0.08	-4.53	0.09	-0.05	0.01	0.03	-0.07
780	3	474	14.05	7.55	-3.16	4.54	-0.15	-4.81	0.19	-0.09	-4.77e-03	0.10	0.13
		475	16.20	8.83	-3.02	5.92	-0.12	-5.10	0.32	-0.09	0.07	0.15	0.20
		860	69.54	0.05	-54.96	-54.95	0.04	-0.89	0.24	-0.19	0.06	-7.87e-03	0.21
		861	55.31	0.06	-43.57	-43.55	0.04	-0.87	0.18	-0.09	0.08	6.49e-03	0.13
780	4	474	22.95	9.85	-10.98	-0.69	-0.44	-10.42	-0.01	-0.07	-0.06	-0.02	-0.02
		475	24.95	11.79	-10.64	1.74	-0.59	-11.15	0.06	-0.02	0.04	4.19e-03	-0.04
		860	34.20	0.29	-26.78	-26.63	0.14	-2.01	7.45e-03	-0.08	-0.06	-0.02	-0.04
		861	4.98	0.96	-3.12	-2.21	0.04	-1.70	0.03	-0.02	4.94e-03	9.93e-03	-0.03
781	1	473	28.75	17.36	-4.46	13.09	-0.19	-8.66	0.44	-0.11	0.04	0.29	0.24
		474	33.77	19.86	-4.22	15.80	-0.15	-9.02	0.72	-0.20	0.14	0.39	0.44
		861	183.81	0.09	-145.18	-145.16	0.07	-1.62	0.58	-0.38	0.21	-5.36e-03	0.47
		862	157.80	0.06	-124.67	-124.65	0.04	-1.58	0.37	-0.17	0.19	6.12e-03	0.25
781	2	473	54.77	20.06	-29.36	-8.01	-1.29	-24.48	-9.77e-03	-0.13	-0.09	-0.04	-0.05
		474	59.11	24.72	-28.58	-2.30	-1.56	-26.65	0.10	-0.07	0.03	2.00e-03	-0.08
		861	13.67	3.18	-7.88	-5.07	0.36	-4.82	0.03	-0.13	-0.08	-0.01	-0.07
		862	66.52	53.07	-0.20	52.77	0.10	-3.96	0.06	-0.07	-0.01	0.01	-0.06
781	3	473	11.61	6.28	-3.18	3.24	-0.14	-4.42	0.12	-0.04	3.42e-03	0.08	0.07
		474	13.55	7.38	-3.09	4.44	-0.15	-4.70	0.21	-0.05	0.04	0.12	0.12
		861	54.95	0.08	-43.42	-43.40	0.06	-0.82	0.16	-0.11	0.05	-2.95e-03	0.13
		862	41.83	0.05	-32.98	-32.96	0.03	-0.79	0.10	-0.05	0.06	2.80e-03	0.07
781	4	473	20.38	7.46	-10.93	-3.01	-0.47	-9.11	-4.55e-03	-0.05	-0.04	-0.02	-0.02
		474	22.03	9.18	-10.68	-0.93	-0.57	-9.93	0.04	-0.03	0.01	1.00e-03	-0.03
		861	5.06	1.17	-2.91	-1.89	0.15	-1.77	0.01	-0.05	-0.03	-5.66e-03	-0.03
		862	24.72	19.72	-0.06	19.61	0.05	-1.49	0.02	-0.02	-5.54e-03	4.08e-03	-0.02
782	1	472	23.61	14.90	-4.59	10.50	-0.19	-8.15	0.26	9.11e-03	0.04	0.23	0.08
		473	28.04	17.09	-4.41	12.89	-0.20	-8.53	0.46	-0.06	0.10	0.30	0.24
		862	157.28	0.11	-124.40	-124.38	0.09	-1.51	0.35	-0.19	0.17	-2.56e-03	0.26
		863	132.89	0.05	-105.17	-105.15	0.03	-1.47	0.19	-0.04	0.15	3.40e-03	0.09
782	2	472	48.93	14.45	-29.23	-13.45	-1.33	-20.98	-9.72e-03	-0.09	-0.06	-0.04	-0.04
		473	52.33	18.47	-28.55	-8.56	-1.52	-23.24	0.06	-0.07	3.49e-03	-0.01	-0.07
		862	67.71	53.83	9.62e-03	53.50	0.34	-4.20	0.03	-0.10	-0.06	-6.45e-03	-0.06
		863	129.73	103.60	0.02	103.49	0.13	-3.37	0.04	-0.06	-0.03	5.12e-03	-0.05
782	3	472	9.50	5.13	-3.18	2.10	-0.14	-4.00	0.07	-1.25e-03	5.59e-03	0.06	0.02
		473	11.21	6.09	-3.12	3.14	-0.16	-4.30	0.13	-0.01	0.03	0.09	0.07
		862	41.58	0.08	-32.84	-32.83	0.07	-0.74	0.10	-0.05	0.04	-1.37e-03	0.07
		863	29.65	0.05	-23.38	-23.36	0.03	-0.71	0.05	-9.26e-03	0.04	1.49e-03	0.02
782	4	472	18.20	5.38	-10.86	-5.00	-0.48	-7.80	-4.42e-03	-0.04	-0.02	-0.01	-0.01



		473	19.51	6.88	-10.64	-3.22	-0.55	-8.66	0.02	-0.03	1.42e-03	-4.43e-03	-0.02
		862	25.15	20.00	0.02	19.88	0.14	-1.54	0.01	-0.04	-0.02	-2.52e-03	-0.02
		863	48.21	38.50	0.02	38.46	0.06	-1.27	0.01	-0.02	-0.01	2.00e-03	-0.02
783	1	471	19.81	12.66	-4.66	8.21	-0.20	-7.57	0.19	0.02	0.03	0.18	-0.05
		472	23.04	14.61	-4.53	10.31	-0.23	-7.99	0.27	0.04	0.07	0.24	0.08
		863	132.49	0.12	-104.91	-104.89	0.10	-1.41	0.18	-0.05	0.13	-1.26e-03	0.09
		864	109.85	0.05	-87.05	-87.03	0.03	-1.35	0.12	-9.74e-03	0.11	2.08e-03	-0.04
783	2	471	44.10	9.65	-29.07	-18.05	-1.37	-17.47	-0.02	-0.07	-0.05	-0.04	-0.02
		472	46.64	13.02	-28.45	-13.92	-1.50	-19.78	0.03	-0.06	-0.01	-0.02	-0.05
		863	130.60	104.23	0.20	104.10	0.32	-3.60	0.02	-0.08	-0.05	-3.24e-03	-0.04
		864	183.10	146.27	0.10	146.22	0.15	-2.78	0.02	-0.05	-0.03	2.67e-03	-0.03
783	3	471	8.07	4.09	-3.14	1.10	-0.15	-3.56	0.05	6.48e-04	5.33e-03	0.05	-0.02
		472	9.16	4.95	-3.11	2.01	-0.17	-3.88	0.07	0.01	0.02	0.07	0.02
		863	29.46	0.08	-23.25	-23.23	0.07	-0.67	0.05	-0.01	0.03	-6.78e-04	0.02
		864	18.78	0.06	-14.79	-14.76	0.03	-0.63	0.03	-4.06e-03	0.03	8.66e-04	-0.01
783	4	471	16.38	3.61	-10.78	-6.68	-0.50	-6.50	-8.20e-03	-0.02	-0.02	-0.01	-8.02e-03
		472	17.38	4.87	-10.59	-5.17	-0.55	-7.37	0.01	-0.02	-4.73e-03	-8.44e-03	-0.02
		863	48.53	38.73	0.09	38.69	0.13	-1.32	7.09e-03	-0.03	-0.02	-1.26e-03	-0.02
		864	68.06	54.37	0.05	54.35	0.07	-1.05	5.51e-03	-0.02	-0.01	1.04e-03	-9.15e-03
784	1	470	18.91	10.63	-4.67	6.18	-0.22	-6.95	0.23	-0.07	0.03	0.13	-0.14
		471	19.50	12.37	-4.60	8.03	-0.25	-7.41	0.20	0.03	0.05	0.18	-0.05
		864	109.53	0.12	-86.81	-86.79	0.10	-1.29	0.11	-0.01	0.10	-5.78e-04	-0.04
		865	88.76	0.06	-70.41	-70.39	0.04	-1.23	0.18	-0.10	0.08	1.34e-03	-0.14
784	2	470	40.31	5.67	-28.91	-21.84	-1.39	-13.94	-0.04	-0.04	-0.04	-0.04	-2.14e-03
		471	42.06	8.39	-28.33	-18.44	-1.49	-16.29	2.40e-03	-0.05	-0.02	-0.03	-0.03
		864	183.76	146.79	0.24	146.73	0.30	-3.01	7.77e-03	-0.06	-0.05	-1.68e-03	-0.02
		865	226.48	180.97	0.14	180.94	0.17	-2.18	1.72e-03	-0.04	-0.04	1.40e-03	-3.56e-03
784	3	470	7.42	3.15	-3.08	0.23	-0.16	-3.11	0.07	-0.02	4.09e-03	0.04	-0.04
		471	7.81	3.91	-3.07	1.02	-0.17	-3.44	0.06	6.95e-03	0.01	0.05	-0.02
		864	18.63	0.09	-14.68	-14.65	0.07	-0.59	0.03	-5.11e-03	0.03	-3.30e-04	-0.01
		865	9.24	0.08	-7.25	-7.21	0.04	-0.55	0.05	-0.03	0.02	5.27e-04	-0.04
784	4	470	14.95	2.13	-10.70	-8.07	-0.50	-5.18	-0.01	-0.02	-0.02	-0.01	-3.73e-04
		471	15.65	3.15	-10.52	-6.83	-0.54	-6.07	4.04e-04	-0.02	-7.85e-03	-0.01	-9.74e-03
		864	68.30	54.56	0.10	54.54	0.13	-1.10	2.59e-03	-0.02	-0.02	-6.57e-04	-8.25e-03
		865	84.19	67.27	0.06	67.26	0.07	-0.83	6.05e-04	-0.01	-0.01	5.48e-04	-9.38e-04
785	1	469	17.93	8.78	-4.61	4.40	-0.23	-6.29	0.28	-0.16	0.02	0.10	-0.21
		470	18.55	10.34	-4.59	6.02	-0.26	-6.78	0.24	-0.07	0.04	0.14	-0.14
		865	88.50	0.12	-70.19	-70.17	0.10	-1.17	0.18	-0.10	0.08	-2.19e-04	-0.13
		866	69.69	0.06	-55.30	-55.28	0.04	-1.10	0.24	-0.18	0.06	8.90e-04	-0.21
785	2	469	37.75	2.54	-28.79	-24.84	-1.41	-10.39	-0.02	-0.06	-0.03	-0.04	0.02
		470	38.61	4.60	-28.24	-22.15	-1.49	-12.76	-0.02	-0.04	-0.02	-0.03	-4.58e-03
		865	226.97	181.38	0.26	181.34	0.29	-2.41	-7.43e-04	-0.04	-0.04	-8.57e-04	-2.24e-03
		866	259.80	207.62	0.17	207.61	0.18	-1.58	8.40e-03	-0.05	-0.04	7.14e-04	0.02
785	3	469	6.76	2.32	-2.99	-0.51	-0.16	-2.65	0.08	-0.05	2.54e-03	0.03	-0.06
		470	7.16	2.98	-3.00	0.16	-0.18	-2.98	0.07	-0.02	8.13e-03	0.04	-0.04
		865	9.12	0.10	-7.15	-7.11	0.06	-0.51	0.05	-0.03	0.02	-1.45e-04	-0.04
		866	2.13	0.26	-0.94	-0.72	0.04	-0.47	0.07	-0.05	0.01	3.30e-04	-0.06
785	4	469	13.98	0.96	-10.64	-9.17	-0.51	-3.86	-5.87e-03	-0.02	-0.01	-0.01	8.07e-03
		470	14.34	1.74	-10.47	-8.19	-0.54	-4.76	-9.02e-03	-0.01	-9.49e-03	-0.01	-1.33e-03
		865	84.37	67.42	0.11	67.41	0.12	-0.87	-3.24e-04	-0.02	-0.02	-3.34e-04	-4.23e-04
		866	96.58	77.18	0.08	77.18	0.08	-0.61	3.45e-03	-0.02	-0.02	2.78e-04	7.76e-03
786	1	468	16.85	7.11	-4.51	2.84	-0.24	-5.60	0.31	-0.23	0.01	0.07	-0.27
		469	17.54	8.51	-4.53	4.25	-0.27	-6.11	0.28	-0.16	0.02	0.10	-0.22
		866	69.46	0.12	-55.11	-55.09	0.10	-1.05	0.24	-0.18	0.06	-3.23e-05	-0.21
		867	52.67	0.07	-41.79	-41.77	0.05	-0.98	0.29	-0.24	0.04	6.08e-04	-0.26
786	2	468	36.33	0.28	-28.77	-27.06	-1.43	-6.83	8.73e-03	-0.08	-0.03	-0.04	0.04
		469	36.50	1.69	-28.24	-25.07	-1.48	-9.21	-0.01	-0.05	-0.03	-0.04	0.02
		866	260.15	207.92	0.26	207.91	0.27	-1.81	7.55e-03	-0.05	-0.04	-3.82e-04	0.02
		867	283.03	226.20	0.20	226.20	0.20	-0.99	0.03	-0.07	-0.04	3.07e-04	0.04
786	3	468	6.09	1.58	-2.87	-1.13	-0.17	-2.17	0.09	-0.07	1.01e-03	0.02	-0.08
		469	6.49	2.15	-2.90	-0.57	-0.18	-2.52	0.08	-0.05	4.69e-03	0.03	-0.06
		866	2.02	0.27	-0.84	-0.64	0.06	-0.43	0.07	-0.05	0.01	-4.45e-05	-0.06
		867	6.26	4.73	9.77e-03	4.70	0.04	-0.39	0.08	-0.07	8.48e-03	2.08e-04	-0.07
786	4	468	13.43	0.12	-10.63	-9.99	-0.52	-2.54	3.55e-03	-0.03	-0.01	-0.01	0.02
		469	13.53	0.65	-10.45	-9.26	-0.54	-3.44	-4.51e-03	-0.02	-0.01	-0.01	7.50e-03
		866	96.71	77.29	0.11	77.29	0.11	-0.65	3.12e-03	-0.02	-0.02	-1.48e-04	8.07e-03
		867	105.22	84.10	0.09	84.10	0.09	-0.39	0.01	-0.03	-0.02	1.19e-04	0.02
787	1	467	15.69	5.61	-4.35	1.50	-0.24	-4.90	0.34	-0.28	8.41e-03	0.05	-0.31
		468	16.46	6.85	-4.41	2.72	-0.28	-5.43	0.31	-0.22	0.02	0.07	-0.27
		867	52.48	0.12	-41.62	-41.60	0.10	-0.93	0.28	-0.24	0.04	6.70e-05	-0.26
		868	37.75	0.07	-29.90	-29.87	0.05	-0.86	0.32	-0.29	0.03	4.13e-04	-0.30
787	2	467	35.63	-1.06	-28.91	-28.52	-1.44	-3.26	0.03	-0.10	-0.03	-0.04	0.07
		468	35.47	-0.29	-28.40	-27.21	-1.47	-5.65	9.33e-03	-0.08	-0.03	-0.04	0.04
		867	283.25	226.40	0.25	226.39	0.26	-1.21	0.03	-0.07	-0.04	-6.30e-05	0.04
		868	296.13	236.69	0.22	236.69	0.22	-0.39	0.05	-0.09	-0.04	1.53e-05	0.07
787	3	467	5.42	0.94	-2.75	-1.64	-0.17	-1.69	0.09	-0.08	-3.28e-04	0.01	-0.08
		468	5.83	1.43	-2.79	-1.18	-0.18	-2.05	0.09	-0.07	2.03e-03	0.02	-0.08



		867	6.30	4.79	0.04	4.76	0.06	-0.35	0.08	-0.07	7.88e-03	1.59e-05	-0.07
		868	11.47	9.03	0.03	9.02	0.04	-0.30	0.09	-0.08	4.20e-03	1.22e-04	-0.08
787	4	467	13.17	-0.38	-10.68	-10.54	-0.52	-1.21	0.01	-0.04	-0.01	-0.01	0.03
		468	13.12	-0.09	-10.50	-10.05	-0.54	-2.11	3.76e-03	-0.03	-0.01	-0.01	0.02
		867	105.30	84.17	0.11	84.17	0.11	-0.43	0.01	-0.03	-0.02	-2.26e-05	0.02
		868	110.11	88.00	0.09	88.00	0.09	-0.17	0.02	-0.04	-0.02	3.60e-06	0.03
788	1	466	14.48	4.26	-4.15	0.35	-0.25	-4.20	0.35	-0.31	4.38e-03	0.03	-0.33
		467	15.31	5.36	-4.25	1.39	-0.28	-4.73	0.34	-0.28	9.64e-03	0.05	-0.31
		868	37.60	0.12	-29.75	-29.73	0.09	-0.80	0.32	-0.29	0.03	1.29e-04	-0.30
		869	25.35	0.08	-19.63	-19.60	0.05	-0.73	0.34	-0.32	0.02	2.62e-04	-0.33
788	2	466	35.82	-1.45	-29.23	-29.23	-1.46	0.32	0.06	-0.13	-0.03	-0.04	0.09
		467	35.19	-1.30	-28.75	-28.59	-1.46	-2.08	0.03	-0.10	-0.03	-0.04	0.07
		868	296.23	236.78	0.24	236.78	0.24	-0.62	0.05	-0.09	-0.04	2.28e-04	0.07
		869	299.12	239.08	0.23	239.08	0.23	0.21	0.07	-0.12	-0.04	-2.79e-04	0.09
788	3	466	4.79	0.43	-2.64	-2.05	-0.17	-1.21	0.09	-0.09	-1.40e-03	6.73e-03	-0.09
		467	5.19	0.81	-2.67	-1.68	-0.18	-1.57	0.09	-0.08	-1.32e-04	0.01	-0.08
		868	11.50	9.08	0.05	9.07	0.06	-0.27	0.09	-0.08	4.02e-03	6.33e-05	-0.08
		869	15.42	12.26	0.04	12.26	0.05	-0.22	0.09	-0.09	7.72e-04	4.67e-05	-0.09
788	4	466	13.26	-0.53	-10.81	-10.81	-0.53	0.12	0.02	-0.05	-0.01	-0.01	0.04
		467	13.01	-0.47	-10.62	-10.56	-0.53	-0.78	0.01	-0.04	-0.01	-0.02	0.03
		868	110.14	88.04	0.10	88.04	0.10	-0.21	0.02	-0.04	-0.02	9.26e-05	0.03
		869	111.23	88.90	0.10	88.90	0.10	0.06	0.03	-0.04	-0.02	-1.14e-04	0.04
789	1	465	13.23	3.07	-3.93	-0.62	-0.25	-3.49	0.36	-0.34	1.34e-03	0.02	-0.35
		466	14.11	4.02	-4.04	0.26	-0.28	-4.02	0.35	-0.31	4.31e-03	0.03	-0.33
		869	25.19	0.11	-19.51	-19.48	0.09	-0.68	0.34	-0.32	0.02	1.88e-04	-0.33
		870	15.32	0.09	-10.99	-10.96	0.06	-0.61	0.35	-0.34	7.80e-03	1.19e-04	-0.35
789	2	465	37.16	-0.93	-29.73	-29.19	-1.47	3.88	0.09	-0.15	-0.03	-0.04	0.12
		466	36.10	-1.36	-29.29	-29.21	-1.45	1.50	0.05	-0.13	-0.03	-0.04	0.09
		869	299.08	239.06	0.23	239.06	0.23	-0.02	0.07	-0.11	-0.04	6.07e-04	0.09
		870	292.00	233.38	0.25	233.38	0.25	0.81	0.09	-0.14	-0.05	-6.99e-04	0.11
789	3	465	4.22	0.05	-2.57	-2.35	-0.17	-0.73	0.09	-0.09	-2.13e-03	2.96e-03	-0.09
		466	4.58	0.32	-2.57	-2.07	-0.18	-1.09	0.09	-0.09	-2.02e-03	6.55e-03	-0.09
		869	15.45	12.30	0.05	12.29	0.06	-0.19	0.09	-0.09	1.00e-03	1.19e-04	-0.09
		870	18.05	14.41	0.05	14.40	0.05	-0.14	0.09	-0.09	-2.03e-03	-3.92e-05	-0.09
789	4	465	13.79	-0.33	-11.02	-10.82	-0.53	1.45	0.03	-0.06	-0.01	-0.01	0.04
		466	13.37	-0.50	-10.83	-10.81	-0.53	0.55	0.02	-0.05	-0.01	-0.02	0.04
		869	111.22	88.90	0.10	88.90	0.10	0.01	0.03	-0.04	-0.02	2.44e-04	0.04
		870	108.60	86.80	0.11	86.80	0.11	0.28	0.04	-0.05	-0.02	-2.82e-04	0.04
790	1	464	11.96	2.03	-3.69	-1.42	-0.24	-2.80	0.36	-0.35	-6.27e-04	9.72e-03	-0.36
		465	12.87	2.85	-3.81	-0.69	-0.27	-3.32	0.36	-0.34	-2.26e-04	0.02	-0.35
		870	15.17	0.12	-10.88	-10.85	0.09	-0.56	0.35	-0.34	8.37e-03	2.75e-04	-0.35
		871	8.42	0.12	-3.97	-3.91	0.06	-0.50	0.36	-0.35	7.19e-04	-4.50e-05	-0.35
790	2	464	39.27	0.43	-30.33	-28.42	-1.48	7.43	0.11	-0.17	-0.02	-0.03	0.14
		465	37.95	-0.52	-30.00	-29.10	-1.42	5.08	0.08	-0.15	-0.04	-0.04	0.11
		870	291.82	233.25	0.21	233.25	0.21	0.57	0.10	-0.14	-0.04	1.23e-03	0.12
		871	274.80	219.62	0.26	219.61	0.27	1.40	0.11	-0.16	-0.05	-1.43e-03	0.14
790	3	464	3.75	-0.14	-2.59	-2.56	-0.17	-0.26	0.09	-0.09	-2.38e-03	2.80e-04	-0.09
		465	4.05	-0.02	-2.52	-2.37	-0.18	-0.61	0.09	-0.09	-3.88e-03	2.44e-03	-0.09
		870	18.07	14.43	0.05	14.43	0.05	-0.11	0.09	-0.09	-1.25e-03	2.09e-04	-0.09
		871	19.40	15.47	0.05	15.47	0.05	-0.07	0.09	-0.10	-4.43e-03	-1.64e-04	-0.09
790	4	464	14.62	0.18	-11.27	-10.56	-0.54	2.77	0.04	-0.06	-9.12e-03	-0.01	0.05
		465	14.08	-0.18	-11.12	-10.78	-0.52	1.88	0.03	-0.06	-0.02	-0.02	0.04
		870	108.54	86.75	0.09	86.75	0.09	0.23	0.04	-0.05	-0.02	4.92e-04	0.04
		871	102.23	81.70	0.11	81.70	0.11	0.50	0.04	-0.06	-0.02	-5.76e-04	0.05
791	1	463	10.69	1.15	-3.45	-2.07	-0.24	-2.11	0.36	-0.36	-1.28e-03	2.10e-03	-0.36
		464	11.63	1.82	-3.57	-1.48	-0.27	-2.63	0.36	-0.36	-4.48e-03	8.64e-03	-0.36
		871	8.26	0.14	-3.88	-3.83	0.09	-0.44	0.36	-0.35	2.41e-03	4.38e-04	-0.35
		872	6.91	1.67	-3.03	1.57	0.06	-0.38	0.36	-0.36	-5.05e-03	-2.63e-04	-0.36
791	2	463	42.03	2.56	-30.96	-26.90	-1.51	10.94	0.14	-0.18	-0.02	-0.03	0.16
		464	40.56	1.16	-30.79	-28.24	-1.39	8.65	0.09	-0.18	-0.05	-0.04	0.14
		871	274.47	219.38	0.17	219.38	0.18	1.16	0.12	-0.16	-0.04	2.37e-03	0.14
		872	247.58	197.83	0.28	197.81	0.30	2.00	0.13	-0.19	-0.05	-2.91e-03	0.16
791	3	463	3.78	-0.15	-2.69	-2.67	-0.17	0.21	0.09	-0.09	-1.90e-03	-1.34e-03	-0.09
		464	3.64	-0.16	-2.57	-2.56	-0.17	-0.13	0.09	-0.10	-6.00e-03	-8.02e-04	-0.09
		871	19.40	15.48	0.05	15.48	0.05	-0.03	0.09	-0.09	-2.73e-03	3.77e-04	-0.09
		872	19.43	15.47	0.05	15.47	0.05	0.01	0.09	-0.10	-6.66e-03	-3.83e-04	-0.09
791	4	463	15.70	0.96	-11.54	-10.03	-0.55	4.08	0.05	-0.07	-6.59e-03	-9.44e-03	0.06
		464	15.10	0.44	-11.44	-10.49	-0.50	3.21	0.04	-0.07	-0.02	-0.01	0.05
		871	102.11	81.62	0.08	81.61	0.08	0.45	0.05	-0.06	-0.01	9.51e-04	0.05
		872	92.14	73.62	0.12	73.61	0.12	0.72	0.05	-0.07	-0.02	-1.17e-03	0.06
792	1	462	9.43	0.46	-3.25	-2.57	-0.22	-1.43	0.36	-0.36	1.40e-04	-2.26e-03	-0.36
		463	10.40	0.97	-3.35	-2.12	-0.26	-1.95	0.36	-0.37	-9.13e-03	-2.65e-04	-0.36
		872	6.81	1.70	0.02	1.63	0.08	-0.33	0.36	-0.36	-1.50e-03	8.14e-04	-0.36
		873	9.33	5.53	0.04	5.52	0.06	-0.27	0.35	-0.36	-9.46e-03	-5.81e-04	-0.36
792	2	462	45.26	5.33	-31.50	-24.59	-1.58	14.38	0.17	-0.19	-4.08e-03	-0.02	0.18
		463	43.87	3.63	-31.58	-26.64	-1.31	12.23	0.11	-0.21	-0.06	-0.04	0.16
		872	247.07	197.48	0.12	197.46	0.14	1.74	0.15	-0.17	-0.03	4.75e-03	0.16



		873	210.38	168.04	0.30	167.99	0.34	2.62	0.14	-0.21	-0.06	-6.54e-03	0.17
792	3	462	4.39	-4.19e-03	-2.86	-2.69	-0.17	0.67	0.09	-0.09	-6.88e-05	-1.76e-03	-0.09
		463	3.89	-0.12	-2.71	-2.67	-0.17	0.34	0.09	-0.10	-8.93e-03	-3.47e-03	-0.09
		872	19.40	15.46	0.05	15.46	0.05	0.05	0.09	-0.09	-3.30e-03	7.38e-04	-0.09
		873	18.14	14.41	0.05	14.41	0.06	0.09	0.09	-0.10	-9.07e-03	-8.55e-04	-0.09
792	4	462	16.94	1.99	-11.78	-9.22	-0.58	5.36	0.07	-0.07	-1.32e-03	-5.78e-03	0.07
		463	16.37	1.35	-11.76	-9.94	-0.48	4.54	0.04	-0.08	-0.02	-0.01	0.06
		872	91.94	73.49	0.06	73.49	0.06	0.66	0.06	-0.07	-0.01	1.90e-03	0.06
		873	78.34	62.57	0.12	62.55	0.14	0.95	0.05	-0.08	-0.03	-2.62e-03	0.07
793	1	461	8.19	1.80e-03	-3.14	-2.94	-0.20	-0.76	0.36	-0.35	5.94e-03	9.99e-04	-0.35
		462	9.24	0.31	-3.19	-2.61	-0.27	-1.30	0.35	-0.37	-0.02	-7.67e-03	-0.36
		873	9.29	5.57	0.08	5.56	0.09	-0.21	0.36	-0.36	-2.62e-03	1.89e-03	-0.36
		874	11.63	7.98	0.05	7.97	0.05	-0.17	0.35	-0.36	-0.01	-1.07e-03	-0.36
793	2	461	48.65	8.63	-31.78	-21.38	-1.78	17.67	0.21	-0.19	0.02	-0.01	0.20
		462	47.90	6.92	-32.32	-24.25	-1.15	15.86	0.11	-0.24	-0.09	-0.04	0.17
		873	209.62	167.56	0.03	167.53	0.06	2.30	0.17	-0.18	-0.02	0.01	0.18
		874	163.31	130.26	0.34	130.18	0.42	3.29	0.15	-0.26	-0.10	-0.02	0.20
793	3	461	5.01	0.26	-3.05	-2.61	-0.18	1.12	0.09	-0.09	4.65e-03	-3.23e-04	-0.09
		462	4.53	0.08	-2.92	-2.68	-0.16	0.81	0.08	-0.10	-0.01	-6.02e-03	-0.09
		873	18.08	14.39	0.04	14.39	0.04	0.13	0.09	-0.09	-2.39e-03	1.71e-03	-0.09
		874	15.56	12.31	0.06	12.31	0.06	0.17	0.08	-0.10	-0.01	-2.23e-03	-0.09
793	4	461	18.22	3.20	-11.92	-8.07	-0.65	6.58	0.08	-0.07	9.97e-03	-3.83e-03	0.08
		462	17.90	2.56	-12.07	-9.09	-0.42	5.89	0.04	-0.09	-0.04	-0.02	0.07
		873	78.05	62.39	0.02	62.38	0.04	0.87	0.07	-0.07	-7.62e-03	4.40e-03	0.07
		874	60.87	48.54	0.14	48.51	0.17	1.20	0.06	-0.10	-0.04	-7.38e-03	0.08
794	1	460	6.98	-0.18	-3.17	-3.17	-0.18	-0.08	0.38	-0.32	0.02	0.03	-0.35
		461	8.19	-0.12	-3.14	-2.97	-0.29	-0.69	0.34	-0.38	-0.02	-0.01	-0.36
		874	11.62	8.01	0.09	8.01	0.09	-0.09	0.36	-0.35	3.33e-03	5.16e-03	-0.35
		875	12.74	8.97	0.05	8.97	0.05	-0.07	0.37	-0.37	-3.34e-03	-2.01e-03	-0.37
794	2	460	51.51	12.34	-31.29	-16.88	-2.08	20.52	0.24	-0.21	0.09	-0.06	0.21
		461	53.01	11.21	-33.00	-20.96	-0.83	19.68	0.08	-0.30	-0.16	-0.06	0.19
		874	162.10	129.59	-0.12	129.53	-0.06	2.81	0.20	-0.16	2.89e-03	0.03	0.18
		875	106.63	84.44	0.31	84.24	0.51	4.09	0.16	-0.42	-0.20	-0.06	0.28
794	3	460	5.61	0.60	-3.19	-2.39	-0.19	1.54	0.10	-0.08	0.02	4.31e-03	-0.09
		461	5.17	0.41	-3.13	-2.59	-0.14	1.28	0.07	-0.11	-0.02	-9.55e-03	-0.09
		874	15.44	12.27	0.03	12.27	0.03	0.20	0.09	-0.09	1.84e-03	4.87e-03	-0.09
		875	11.72	9.16	0.06	9.15	0.07	0.26	0.07	-0.10	-0.02	-6.97e-03	-0.08
794	4	460	19.29	4.55	-11.76	-6.45	-0.76	7.65	0.09	-0.08	0.04	-0.02	0.08
		461	19.83	4.14	-12.36	-7.92	-0.30	7.32	0.03	-0.12	-0.06	-0.02	0.07
		874	60.40	48.30	-0.03	48.27	-8.26e-03	1.06	0.08	-0.06	1.71e-03	0.01	0.07
		875	39.84	31.53	0.13	31.46	0.20	1.50	0.06	-0.16	-0.08	-0.02	0.11
795	1	459	8.28	-0.52	-3.65	-3.49	-0.68	0.69	0.45	-0.24	0.07	0.14	-0.34
		460	7.48	-0.04	-3.19	-3.19	-0.04	-0.09	0.35	-0.38	-0.03	8.78e-03	-0.36
		875	13.07	9.02	0.12	9.02	0.12	-0.05	0.40	-0.34	0.05	0.01	-0.37
		876	12.99	8.62	9.88e-03	8.62	0.01	0.05	0.37	-0.44	-0.05	-0.02	-0.40
795	2	459	49.50	17.72	-25.11	-7.52	0.12	21.07	0.33	-0.43	0.26	-0.36	0.22
		460	60.76	15.96	-34.55	-16.82	-1.78	24.11	-0.01	-0.55	-0.38	-0.19	0.25
		875	104.92	83.54	-0.39	83.40	-0.25	3.43	0.22	-0.13	9.46e-04	0.09	0.17
		876	39.71	29.87	-0.98	28.65	0.23	6.01	0.34	-0.84	-0.37	-0.12	0.58
795	3	459	5.88	0.99	-2.99	-1.82	-0.17	1.81	0.11	-0.06	0.05	7.89e-03	-0.08
		460	5.84	0.85	-3.38	-2.39	-0.14	1.79	0.06	-0.12	-0.05	-0.02	-0.09
		875	11.49	9.12	0.02	9.11	0.03	0.26	0.11	-0.08	0.01	0.01	-0.10
		876	6.78	4.91	-4.17e-03	4.87	0.04	0.44	0.03	-0.10	-0.05	-0.02	-0.06
795	4	459	18.50	6.53	-9.48	-3.01	0.06	7.85	0.13	-0.17	0.11	-0.14	0.08
		460	22.74	5.87	-12.96	-6.43	-0.66	8.96	-7.49e-03	-0.22	-0.15	-0.07	0.10
		875	39.18	31.20	-0.14	31.15	-0.08	1.29	0.09	-0.05	1.60e-03	0.04	0.06
		876	14.93	11.25	-0.34	10.81	0.10	2.21	0.13	-0.33	-0.15	-0.05	0.23
796	1	8	17.64	0.75	-12.85	-9.66	-2.44	5.76	0.05	-0.12	0.03	-0.10	-0.06
		459	11.32	2.30	-1.71	-1.62	2.21	-0.59	0.71	-0.28	0.07	0.36	-0.48
		876	14.45	7.84	0.17	7.71	0.29	0.97	0.72	-0.41	0.35	-0.04	-0.53
		68	27.32	12.04	-0.75	10.17	1.12	-4.53	-0.26	-1.50	-1.50	-0.26	0.07
796	2	8	74.49	53.45	-8.71e-04	48.39	5.06	-15.65	0.34	-1.43	0.33	-1.42	0.13
		459	97.92	24.16	-54.56	-21.09	-9.31	38.92	-0.49	-1.53	-1.09	-0.93	0.51
		876	50.12	33.87	3.31	33.22	3.96	-4.42	0.08	-1.31	-0.85	-0.37	0.65
		68	121.98	7.96	-80.92	-55.20	-17.76	40.30	2.65	1.83	2.57	1.91	-0.25
796	3	8	3.21	0.80	-0.71	0.62	-0.53	0.49	0.05	-0.17	0.05	-0.17	-5.08e-03
		459	7.82	1.87	-4.19	-2.34	0.02	2.79	0.07	-0.14	-0.09	0.02	-0.09
		876	6.65	4.99	0.40	4.99	0.40	-0.08	0.09	-0.12	0.02	-0.05	-0.10
		68	4.92	0.76	-2.85	-1.06	-1.03	1.80	0.11	-0.20	-0.20	0.11	-4.64e-03
796	4	8	27.92	19.72	-0.21	17.82	1.69	-5.86	0.14	-0.57	0.13	-0.56	0.05
		459	36.75	8.93	-20.43	-8.11	-3.39	14.49	-0.20	-0.60	-0.43	-0.37	0.20
		876	19.06	12.79	1.24	12.54	1.49	-1.68	0.03	-0.51	-0.33	-0.15	0.25
		68	45.77	3.07	-30.11	-20.43	-6.62	15.09	1.04	0.72	1.01	0.76	-0.10
797	1	421	42.38	13.10	-1.30	11.18	0.62	-4.89	2.11	-1.23	-0.39	1.28	1.45
		101	31.17	14.22	-1.74	14.16	-1.68	-0.95	0.93	-0.84	0.81	-0.73	0.44
		129	153.51	-12.62	-92.49	-92.38	-12.73	-2.92	-0.37	-4.99	-4.95	-0.41	-0.42
		877	126.93	7.36	-84.22	-84.20	7.34	1.49	2.69	-1.38	1.42	-0.10	1.89



797	2	421	126.81	52.67	-49.64	9.70	-6.68	-50.50	-1.09	-3.07	-2.33	-1.83	-0.95
		101	108.45	67.18	1.98	66.69	2.47	-5.61	0.87	-3.19	0.84	-3.16	-0.32
		129	424.55	-47.24	-335.02	-330.76	-51.50	-34.76	4.96	3.90	4.79	4.07	0.39
		877	307.28	26.07	-223.42	-223.34	25.99	4.51	0.06	-2.44	-1.58	-0.81	-1.19
797	3	421	19.41	7.45	-3.86	3.83	-0.24	-5.27	0.38	-0.50	-0.33	0.21	0.35
		101	17.54	9.05	-0.51	9.00	-0.46	-0.71	0.33	-0.52	0.32	-0.51	0.10
		129	72.41	-7.36	-52.57	-52.29	-7.63	-3.51	0.25	-1.05	-1.05	0.25	-0.09
		877	58.41	4.15	-41.75	-41.74	4.14	0.79	0.59	-0.41	0.28	-0.10	0.46
797	4	421	47.34	19.51	-18.52	3.39	-2.40	-18.79	-0.43	-1.18	-0.91	-0.71	-0.36
		101	40.66	24.75	0.59	24.57	0.77	-2.09	0.34	-1.24	0.33	-1.23	-0.12
		129	158.18	-17.53	-124.52	-122.93	-19.12	-12.95	1.91	1.51	1.84	1.58	0.15
		877	114.29	9.69	-82.99	-82.96	9.66	1.69	0.02	-0.94	-0.61	-0.31	-0.45
798	1	422	29.45	12.75	-1.55	11.85	-0.65	-3.47	0.99	-0.91	-0.24	0.32	0.91
		421	30.30	13.64	0.21	12.91	0.93	-3.03	2.05	-0.38	0.70	0.97	1.21
		877	107.22	-1.37	-85.09	-85.08	-1.38	-0.89	0.91	-1.35	-0.16	-0.28	1.13
		878	102.91	0.81	-77.36	-77.36	0.81	-0.43	1.43	-0.73	0.53	0.18	1.07
798	2	422	85.80	39.43	-32.90	9.80	-3.27	-35.57	-0.03	-1.11	-0.78	-0.36	-0.50
		421	84.83	46.46	-22.14	22.61	1.71	-32.67	0.80	-0.67	0.71	-0.58	-0.35
		877	290.33	-3.95	-228.27	-227.92	-4.30	-8.84	0.64	-1.72	-0.75	-0.33	-1.16
		878	184.91	2.52	-146.44	-146.28	2.36	-4.91	0.46	-0.10	0.12	0.23	-0.28
798	3	422	13.74	6.19	-2.51	4.10	-0.43	-3.71	0.21	-0.29	-0.14	0.06	0.23
		421	13.71	7.06	-1.31	5.34	0.41	-3.38	0.59	-0.08	0.27	0.24	0.33
		877	53.14	-0.69	-42.38	-42.36	-0.71	-0.91	0.12	-0.35	-0.12	-0.11	0.23
		878	44.29	0.43	-33.93	-33.92	0.43	-0.51	0.42	-0.18	0.17	0.08	0.30
798	4	422	31.92	14.58	-12.29	3.49	-1.20	-13.22	-0.02	-0.43	-0.30	-0.14	-0.19
		421	31.54	17.16	-8.31	8.21	0.64	-12.16	0.31	-0.26	0.28	-0.22	-0.13
		877	108.01	-1.45	-84.81	-84.68	-1.58	-3.26	0.24	-0.66	-0.29	-0.13	-0.44
		878	68.70	0.95	-54.41	-54.35	0.89	-1.84	0.17	-0.03	0.05	0.09	-0.10
799	1	423	25.08	12.63	-1.02	11.72	-0.11	-3.40	0.83	-0.60	-0.06	0.29	0.69
		422	26.87	12.99	-0.60	12.11	0.28	-3.35	1.35	-0.51	0.30	0.54	0.92
		878	99.91	-0.15	-77.47	-77.46	-0.15	-0.47	1.00	-0.90	0.16	-0.06	0.94
		879	91.03	0.15	-70.10	-70.09	0.15	-0.59	0.89	-0.56	0.28	0.05	0.71
799	2	423	73.69	32.56	-29.86	4.04	-1.34	-31.10	0.21	-0.59	-0.30	-0.09	-0.38
		422	78.49	37.40	-28.45	10.27	-1.32	-32.41	0.55	-0.32	0.27	-0.04	-0.40
		878	185.86	0.16	-145.91	-145.67	-0.09	-5.97	0.32	-0.80	-0.34	-0.14	-0.55
		879	94.15	0.60	-74.67	-74.36	0.30	-4.79	0.44	-0.28	0.08	0.08	-0.36
799	3	423	11.52	5.64	-2.08	3.68	-0.12	-3.35	0.20	-0.17	-0.04	0.08	0.18
		422	12.47	6.16	-1.94	4.22	-2.28e-03	-3.46	0.38	-0.11	0.11	0.16	0.24
		878	42.97	-0.03	-33.92	-33.91	-0.04	-0.56	0.23	-0.24	0.02	-0.03	0.23
		879	34.01	0.09	-26.38	-26.37	0.08	-0.55	0.24	-0.13	0.09	0.02	0.18
799	4	423	27.40	12.06	-11.14	1.41	-0.49	-11.56	0.07	-0.22	-0.12	-0.03	-0.14
		422	29.20	13.84	-10.65	3.67	-0.48	-12.07	0.21	-0.12	0.10	-0.02	-0.15
		878	69.11	0.07	-54.21	-54.12	-0.02	-2.20	0.12	-0.31	-0.13	-0.06	-0.21
		879	34.99	0.24	-27.75	-27.63	0.12	-1.80	0.16	-0.10	0.03	0.03	-0.13
800	1	424	21.67	12.02	-0.95	11.04	0.02	-3.42	0.66	-0.37	7.42e-03	0.27	0.50
		423	23.60	12.55	-0.79	11.68	0.09	-3.30	0.96	-0.41	0.17	0.38	0.68
		879	90.06	0.02	-70.03	-70.02	0.01	-0.50	0.79	-0.64	0.17	-0.02	0.70
		880	80.60	0.05	-62.52	-62.51	0.05	-0.62	0.62	-0.40	0.21	0.01	0.50
800	2	424	65.56	26.14	-28.79	-1.42	-1.23	-27.46	0.28	-0.48	-0.15	-0.05	-0.37
		423	70.61	30.48	-28.60	3.46	-1.58	-29.43	0.48	-0.34	0.11	0.03	-0.41
		879	94.80	0.70	-73.84	-73.48	0.34	-5.17	0.32	-0.50	-0.13	-0.04	-0.40
		880	19.97	1.64	-11.68	-10.14	0.10	-4.26	0.40	-0.36	0.02	0.02	-0.38
800	3	424	9.70	5.00	-1.95	3.12	-0.07	-3.08	0.16	-0.09	-0.01	0.08	0.12
		423	10.78	5.49	-1.94	3.63	-0.08	-3.22	0.26	-0.08	0.06	0.11	0.17
		879	33.50	0.05	-26.29	-26.28	0.04	-0.51	0.19	-0.16	0.04	-8.88e-03	0.18
		880	24.89	0.05	-19.31	-19.29	0.03	-0.52	0.16	-0.09	0.06	6.66e-03	0.12
800	4	424	24.38	9.70	-10.72	-0.57	-0.44	-10.21	0.10	-0.18	-0.06	-0.02	-0.14
		423	26.29	11.30	-10.68	1.19	-0.58	-10.96	0.18	-0.13	0.04	0.01	-0.15
		879	35.25	0.27	-27.44	-27.30	0.14	-1.90	0.12	-0.19	-0.05	-0.02	-0.15
		880	7.47	0.63	-4.36	-3.78	0.05	-1.60	0.15	-0.13	6.63e-03	9.53e-03	-0.14
801	1	425	18.53	11.10	-1.01	10.05	0.04	-3.40	0.48	-0.20	0.03	0.25	0.32
		424	20.68	11.87	-0.87	10.96	0.04	-3.28	0.71	-0.28	0.12	0.31	0.48
		880	80.08	0.05	-62.41	-62.41	0.04	-0.54	0.58	-0.43	0.16	-6.80e-03	0.50
		881	70.31	0.03	-54.74	-54.73	0.03	-0.64	0.42	-0.25	0.17	5.88e-03	0.33
801	2	425	58.21	20.34	-27.80	-6.18	-1.29	-23.94	0.28	-0.44	-0.10	-0.06	-0.36
		424	63.02	24.34	-27.89	-2.01	-1.53	-26.12	0.42	-0.37	0.04	5.96e-03	-0.40
		880	20.35	2.15	-11.15	-9.36	0.35	-4.54	0.33	-0.43	-0.08	-0.01	-0.38
		881	59.19	46.57	-0.19	46.27	0.11	-3.71	0.36	-0.37	-0.02	0.01	-0.37
801	3	425	8.04	4.32	-1.88	2.51	-0.07	-2.81	0.11	-0.04	4.08e-04	0.07	0.07
		424	9.17	4.83	-1.87	3.05	-0.09	-2.96	0.18	-0.05	0.04	0.09	0.11
		880	24.60	0.06	-19.22	-19.20	0.05	-0.48	0.14	-0.10	0.04	-3.38e-03	0.12
		881	16.54	0.05	-12.77	-12.75	0.03	-0.49	0.10	-0.05	0.05	2.70e-03	0.07
801	4	425	21.64	7.57	-10.33	-2.30	-0.47	-8.90	0.10	-0.16	-0.04	-0.02	-0.13
		424	23.47	9.05	-10.40	-0.79	-0.56	-9.72	0.16	-0.14	0.02	2.46e-03	-0.15
		880	7.55	0.79	-4.13	-3.49	0.14	-1.66	0.12	-0.16	-0.03	-5.70e-03	-0.14
		881	21.98	17.29	-0.06	17.18	0.05	-1.40	0.13	-0.14	-8.17e-03	3.97e-03	-0.14
802	1	426	15.57	9.99	-1.11	8.86	0.02	-3.36	0.32	-0.07	0.04	0.22	0.18



		425	17.84	10.93	-0.95	9.96	0.02	-3.25	0.50	-0.15	0.09	0.26	0.32
		881	69.97	0.06	-54.63	-54.62	0.05	-0.57	0.41	-0.27	0.14	-3.38e-03	0.33
		882	60.09	0.03	-46.90	-46.89	0.02	-0.65	0.26	-0.12	0.14	2.97e-03	0.18
802	2	426	51.20	15.14	-26.73	-10.27	-1.32	-20.45	0.26	-0.41	-0.07	-0.08	-0.33
		425	55.75	18.75	-26.95	-6.70	-1.50	-22.70	0.36	-0.39	1.89e-03	-0.03	-0.38
		881	59.62	47.28	2.89e-04	46.95	0.33	-3.96	0.32	-0.40	-0.07	-6.64e-03	-0.36
802	3	882	119.02	94.99	0.03	94.89	0.13	-3.15	0.31	-0.35	-0.05	5.14e-03	-0.33
		426	6.51	3.62	-1.82	1.88	-0.08	-2.54	0.07	-6.39e-03	4.80e-03	0.06	0.03
		425	7.63	4.15	-1.80	2.45	-0.09	-2.69	0.12	-0.02	0.03	0.08	0.06
		881	16.35	0.07	-12.68	-12.67	0.05	-0.44	0.09	-0.06	0.04	-1.62e-03	0.07
		882	8.94	0.06	-6.80	-6.77	0.03	-0.45	0.05	-0.01	0.04	1.36e-03	0.03
802	4	426	19.03	5.65	-9.91	-3.78	-0.48	-7.60	0.09	-0.15	-0.03	-0.03	-0.12
		425	20.76	6.99	-10.02	-2.49	-0.54	-8.45	0.14	-0.15	8.85e-04	-0.01	-0.14
		881	22.11	17.55	0.02	17.43	0.14	-1.45	0.12	-0.15	-0.03	-2.58e-03	-0.13
		882	44.19	35.28	0.02	35.24	0.06	-1.19	0.12	-0.13	-0.02	2.00e-03	-0.12
803	1	427	12.79	8.79	-1.22	7.57	3.62e-03	-3.27	0.20	0.02	0.04	0.18	0.05
		426	15.06	9.81	-1.04	8.77	-1.82e-05	-3.20	0.33	-0.04	0.07	0.22	0.17
		882	59.83	0.06	-46.78	-46.77	0.06	-0.58	0.25	-0.13	0.13	-1.81e-03	0.18
		883	50.04	0.03	-39.12	-39.11	0.02	-0.64	0.14	-0.02	0.12	1.70e-03	0.05
803	2	427	44.56	10.54	-25.62	-13.74	-1.34	-16.98	0.20	-0.36	-0.06	-0.10	-0.28
		426	48.81	13.70	-25.89	-10.72	-1.48	-19.25	0.30	-0.38	-0.02	-0.06	-0.34
		882	119.83	95.58	0.19	95.46	0.31	-3.38	0.29	-0.37	-0.07	-3.33e-03	-0.33
		883	170.24	135.77	0.10	135.72	0.15	-2.59	0.25	-0.32	-0.07	2.86e-03	-0.28
803	3	427	5.20	2.94	-1.76	1.27	-0.09	-2.25	0.05	4.50e-03	5.66e-03	0.05	-6.98e-03
		426	6.16	3.46	-1.73	1.82	-0.10	-2.41	0.07	7.39e-03	0.02	0.06	0.02
		882	8.80	0.08	-6.72	-6.69	0.05	-0.40	0.05	-0.02	0.03	-8.45e-04	0.03
		883	2.18	0.14	-1.50	-1.40	0.03	-0.40	0.03	-2.62e-04	0.03	7.65e-04	-5.46e-03
803	4	427	16.54	3.94	-9.48	-5.05	-0.49	-6.31	0.07	-0.14	-0.02	-0.04	-0.10
		426	18.17	5.12	-9.61	-3.95	-0.54	-7.17	0.11	-0.14	-7.77e-03	-0.02	-0.13
		882	44.50	35.49	0.09	35.45	0.13	-1.23	0.11	-0.14	-0.03	-1.29e-03	-0.12
		883	63.22	50.42	0.05	50.41	0.07	-0.98	0.09	-0.12	-0.03	1.11e-03	-0.10
804	1	428	10.79	7.55	-1.32	6.25	-0.02	-3.14	0.18	0.01	0.03	0.15	-0.06
		427	12.38	8.60	-1.14	7.48	-0.02	-3.11	0.20	0.04	0.05	0.19	0.05
		883	49.85	0.07	-39.00	-39.00	0.06	-0.58	0.13	-0.02	0.11	-9.74e-04	0.06
		884	40.35	0.04	-31.56	-31.55	0.03	-0.62	0.12	-0.02	0.10	1.04e-03	-0.05
804	2	428	38.44	6.54	-24.50	-16.61	-1.35	-13.52	0.13	-0.31	-0.06	-0.12	-0.22
		427	42.30	9.22	-24.79	-14.11	-1.46	-15.78	0.22	-0.35	-0.04	-0.09	-0.29
		883	170.85	136.25	0.24	136.19	0.30	-2.82	0.24	-0.32	-0.08	-1.66e-03	-0.28
		884	211.73	168.82	0.14	168.79	0.17	-2.02	0.18	-0.26	-0.09	1.69e-03	-0.21
804	3	428	4.82	2.28	-1.69	0.68	-0.09	-1.95	0.06	-0.02	4.85e-03	0.04	-0.03
		427	4.96	2.78	-1.67	1.21	-0.10	-2.12	0.05	0.01	0.01	0.05	-8.13e-03
		883	2.05	0.14	-1.42	-1.33	0.05	-0.36	0.03	-1.32e-03	0.03	-4.43e-04	-4.80e-03
		884	4.53	3.37	-4.99e-03	3.33	0.03	-0.36	0.04	-0.02	0.02	4.61e-04	-0.03
804	4	428	14.24	2.46	-9.04	-6.10	-0.49	-5.02	0.05	-0.12	-0.02	-0.05	-0.08
		427	15.72	3.46	-9.18	-5.18	-0.53	-5.88	0.08	-0.13	-0.01	-0.03	-0.11
		883	63.45	50.60	0.10	50.58	0.12	-1.02	0.09	-0.12	-0.03	-6.47e-04	-0.10
		884	78.64	62.70	0.07	62.69	0.08	-0.77	0.06	-0.10	-0.03	6.53e-04	-0.08
805	1	429	10.60	6.34	-1.42	4.96	-0.04	-2.96	0.23	-0.07	0.03	0.12	-0.14
		428	10.54	7.36	-1.24	6.16	-0.04	-2.98	0.18	0.02	0.04	0.16	-0.06
		884	40.18	0.07	-31.44	-31.43	0.06	-0.56	0.11	-0.02	0.09	-5.04e-04	-0.05
		885	31.17	0.04	-24.35	-24.33	0.03	-0.59	0.18	-0.10	0.08	6.88e-04	-0.14
805	2	429	33.15	3.23	-23.47	-18.89	-1.36	-10.07	0.04	-0.24	-0.06	-0.14	-0.14
		428	36.41	5.38	-23.72	-16.90	-1.44	-12.33	0.14	-0.30	-0.05	-0.12	-0.22
		884	212.18	169.19	0.25	169.16	0.28	-2.25	0.17	-0.27	-0.10	-7.37e-04	-0.21
		885	243.52	194.15	0.17	194.14	0.18	-1.46	0.09	-0.19	-0.10	1.05e-03	-0.13
805	3	429	4.39	1.65	-1.62	0.14	-0.10	-1.63	0.07	-0.04	3.31e-03	0.03	-0.05
		428	4.56	2.12	-1.60	0.63	-0.11	-1.82	0.06	-0.01	8.93e-03	0.04	-0.03
		884	4.55	3.42	0.02	3.39	0.05	-0.31	0.04	-0.02	0.02	-2.20e-04	-0.03
		885	9.46	7.39	0.02	7.38	0.03	-0.30	0.06	-0.04	0.01	2.95e-04	-0.05
805	4	429	12.24	1.22	-8.64	-6.93	-0.49	-3.74	0.01	-0.09	-0.02	-0.05	-0.05
		428	13.50	2.04	-8.76	-6.20	-0.52	-4.59	0.05	-0.11	-0.02	-0.04	-0.08
		884	78.81	62.84	0.11	62.83	0.12	-0.82	0.06	-0.10	-0.04	-2.89e-04	-0.08
		885	90.45	72.12	0.08	72.11	0.08	-0.56	0.03	-0.07	-0.04	4.02e-04	-0.05
806	1	430	10.41	5.16	-1.49	3.73	-0.06	-2.73	0.28	-0.16	0.02	0.10	-0.21
		429	10.29	6.14	-1.33	4.88	-0.06	-2.80	0.23	-0.07	0.03	0.13	-0.14
		885	31.03	0.07	-24.24	-24.22	0.06	-0.53	0.18	-0.11	0.07	-2.34e-04	-0.14
		886	22.68	0.05	-17.61	-17.60	0.03	-0.55	0.24	-0.18	0.06	4.82e-04	-0.21
806	2	430	29.13	0.71	-22.65	-20.58	-1.36	-6.64	-0.04	-0.17	-0.06	-0.15	-0.05
		429	31.47	2.27	-22.79	-19.10	-1.42	-8.88	0.05	-0.24	-0.05	-0.14	-0.14
		885	243.85	194.43	0.25	194.41	0.27	-1.69	0.09	-0.20	-0.11	-1.90e-04	-0.13
		886	265.67	211.80	0.19	211.79	0.20	-0.91	0.02	-0.13	-0.11	6.64e-04	-0.05
806	3	430	3.93	1.08	-1.54	-0.35	-0.11	-1.31	0.08	-0.06	1.57e-03	0.02	-0.07
		429	4.13	1.50	-1.52	0.10	-0.11	-1.51	0.07	-0.04	5.51e-03	0.03	-0.05
		885	9.49	7.44	0.04	7.43	0.05	-0.26	0.06	-0.04	0.01	-9.04e-05	-0.05
		886	13.54	10.72	0.03	10.71	0.04	-0.25	0.07	-0.06	8.83e-03	1.96e-04	-0.06
806	4	430	10.73	0.28	-8.33	-7.56	-0.49	-2.46	-0.02	-0.06	-0.02	-0.06	-0.02
		429	11.64	0.88	-8.40	-7.01	-0.52	-3.31	0.02	-0.09	-0.02	-0.05	-0.05



		885	90.57	72.22	0.11	72.21	0.11	-0.61	0.03	-0.07	-0.04	-7.75e-05	-0.05
		886	98.69	78.68	0.08	78.68	0.09	-0.36	5.84e-03	-0.05	-0.04	2.50e-04	-0.02
807	1	431	10.15	4.05	-1.54	2.59	-0.08	-2.45	0.32	-0.22	0.02	0.08	-0.27
		430	10.07	4.97	-1.39	3.66	-0.09	-2.57	0.28	-0.15	0.03	0.10	-0.21
		886	22.58	0.08	-17.51	-17.50	0.06	-0.49	0.24	-0.18	0.06	-7.19e-05	-0.21
		887	15.12	0.06	-11.48	-11.46	0.04	-0.49	0.29	-0.24	0.05	3.48e-04	-0.26
807	2	431	27.56	-0.87	-22.21	-21.71	-1.37	-3.22	-0.04	-0.18	-0.06	-0.16	0.05
		430	28.01	0.03	-22.15	-20.72	-1.40	-5.45	-0.04	-0.17	-0.06	-0.15	-0.05
		886	265.87	211.97	0.24	211.97	0.25	-1.14	0.02	-0.13	-0.11	1.75e-04	-0.04
		887	278.22	221.79	0.21	221.79	0.21	-0.36	0.02	-0.14	-0.12	3.69e-04	0.05
807	3	431	3.44	0.57	-1.47	-0.78	-0.12	-0.96	0.08	-0.07	-7.38e-05	0.01	-0.07
		430	3.66	0.94	-1.44	-0.38	-0.12	-1.18	0.08	-0.06	2.64e-03	0.02	-0.07
		886	13.57	10.76	0.05	10.75	0.05	-0.21	0.07	-0.06	8.16e-03	-8.65e-06	-0.06
		887	16.70	13.29	0.04	13.29	0.04	-0.19	0.08	-0.07	4.02e-03	1.29e-04	-0.07
807	4	431	10.14	-0.31	-8.17	-7.98	-0.50	-1.19	-0.02	-0.07	-0.02	-0.06	0.02
		430	10.32	0.03	-8.15	-7.61	-0.51	-2.04	-0.02	-0.06	-0.02	-0.06	-0.02
		886	98.76	78.74	0.10	78.74	0.11	-0.40	5.37e-03	-0.05	-0.04	6.46e-05	-0.02
		887	103.36	82.40	0.09	82.40	0.09	-0.15	7.42e-03	-0.05	-0.04	1.35e-04	0.02
808	1	432	9.80	3.01	-1.56	1.55	-0.11	-2.12	0.34	-0.27	0.01	0.06	-0.31
		431	9.79	3.85	-1.43	2.53	-0.10	-2.29	0.32	-0.22	0.02	0.08	-0.27
		887	15.04	0.08	-11.39	-11.37	0.06	-0.44	0.29	-0.24	0.04	3.69e-05	-0.26
		888	9.36	0.07	-6.07	-6.04	0.04	-0.44	0.32	-0.29	0.03	2.41e-04	-0.30
808	2	432	27.26	-1.38	-22.31	-22.31	-1.38	0.20	0.05	-0.27	-0.06	-0.16	0.15
		431	27.01	-1.19	-21.98	-21.78	-1.39	-2.03	-0.04	-0.18	-0.06	-0.16	0.05
		887	278.31	221.87	0.23	221.87	0.24	-0.58	0.02	-0.14	-0.12	4.83e-04	0.05
		888	281.20	224.17	0.23	224.17	0.23	0.19	0.10	-0.22	-0.12	5.22e-05	0.15
808	3	432	2.95	0.16	-1.43	-1.14	-0.12	-0.61	0.08	-0.08	-1.45e-03	4.43e-03	-0.08
		431	3.18	0.44	-1.37	-0.80	-0.12	-0.84	0.08	-0.07	2.04e-04	0.01	-0.07
		887	16.73	13.32	0.05	13.32	0.05	-0.15	0.08	-0.07	3.77e-03	5.31e-05	-0.07
		888	18.89	15.09	0.04	15.08	0.04	-0.14	0.08	-0.08	5.47e-05	6.62e-05	-0.08
808	4	432	10.04	-0.50	-8.21	-8.21	-0.50	0.08	0.02	-0.10	-0.02	-0.06	0.06
		431	9.94	-0.43	-8.08	-8.00	-0.50	-0.76	-0.02	-0.07	-0.02	-0.06	0.02
		887	103.39	82.43	0.10	82.43	0.10	-0.20	7.75e-03	-0.05	-0.04	1.85e-04	0.02
		888	104.49	83.29	0.10	83.29	0.10	0.05	0.04	-0.08	-0.05	1.03e-05	0.06
809	1	433	9.32	2.04	-1.55	0.62	-0.12	-1.75	0.36	-0.31	8.54e-03	0.04	-0.34
		432	9.43	2.81	-1.43	1.50	-0.12	-1.96	0.34	-0.27	0.01	0.06	-0.31
		888	9.21	0.09	-5.98	-5.96	0.06	-0.38	0.32	-0.29	0.03	1.28e-04	-0.30
		889	6.45	0.13	-1.52	-1.43	0.05	-0.37	0.35	-0.32	0.02	1.28e-04	-0.34
809	2	433	29.57	-0.79	-22.98	-22.38	-1.39	3.61	0.15	-0.36	-0.06	-0.15	0.25
		432	27.57	-1.28	-22.39	-22.29	-1.37	1.39	0.04	-0.27	-0.07	-0.16	0.15
		888	281.17	224.15	0.22	224.15	0.22	-0.04	0.10	-0.22	-0.12	8.39e-04	0.15
		889	274.66	218.95	0.24	218.95	0.24	0.74	0.19	-0.31	-0.12	-4.02e-04	0.25
809	3	433	2.53	-0.09	-1.49	-1.44	-0.13	-0.24	0.08	-0.08	-2.42e-03	-3.33e-06	-0.08
		432	2.73	0.06	-1.35	-1.16	-0.13	-0.48	0.08	-0.08	-1.94e-03	4.28e-03	-0.08
		888	18.91	15.11	0.05	15.11	0.05	-0.10	0.08	-0.08	2.05e-04	1.16e-04	-0.08
		889	20.12	16.07	0.04	16.07	0.04	-0.08	0.08	-0.08	-3.18e-03	-1.15e-05	-0.08
809	4	433	10.95	-0.28	-8.49	-8.26	-0.51	1.35	0.06	-0.14	-0.02	-0.06	0.09
		432	10.16	-0.46	-8.24	-8.21	-0.50	0.51	0.02	-0.10	-0.03	-0.06	0.06
		888	104.47	83.29	0.09	83.29	0.09	5.46e-03	0.04	-0.08	-0.04	3.27e-04	0.06
		889	102.07	81.37	0.10	81.37	0.10	0.25	0.07	-0.12	-0.05	-1.69e-04	0.09
810	1	434	8.73	1.16	-1.52	-0.21	-0.14	-1.34	0.37	-0.34	5.40e-03	0.03	-0.36
		433	8.96	1.84	-1.41	0.57	-0.14	-1.59	0.36	-0.32	7.20e-03	0.04	-0.34
		889	6.31	0.13	-1.43	-1.37	0.06	-0.31	0.35	-0.32	0.02	2.32e-04	-0.33
		890	7.07	2.31	0.01	2.27	0.05	-0.30	0.36	-0.35	0.01	-1.63e-05	-0.36
810	2	434	33.72	0.76	-24.13	-21.96	-1.41	7.02	0.25	-0.44	-0.05	-0.14	0.34
		433	30.70	-0.30	-23.35	-22.29	-1.35	4.81	0.14	-0.37	-0.07	-0.16	0.25
		889	274.51	218.84	0.20	218.84	0.20	0.51	0.20	-0.31	-0.11	1.38e-03	0.25
		890	258.62	206.15	0.25	206.14	0.26	1.29	0.28	-0.40	-0.12	-1.17e-03	0.34
810	3	434	2.56	-0.12	-1.70	-1.69	-0.14	0.14	0.08	-0.08	-2.88e-03	-3.09e-03	-0.08
		433	2.36	-0.12	-1.46	-1.45	-0.13	-0.11	0.08	-0.08	-3.96e-03	-4.59e-04	-0.08
		889	20.14	16.08	0.05	16.08	0.05	-0.04	0.08	-0.08	-2.50e-03	2.04e-04	-0.08
		890	20.34	16.22	0.05	16.22	0.05	-0.02	0.08	-0.08	-5.84e-03	-1.31e-04	-0.08
810	4	434	12.53	0.30	-8.94	-8.13	-0.51	2.62	0.09	-0.17	-0.02	-0.05	0.13
		433	11.35	-0.10	-8.62	-8.23	-0.49	1.78	0.05	-0.14	-0.03	-0.06	0.09
		889	102.02	81.33	0.09	81.33	0.09	0.21	0.07	-0.12	-0.04	5.43e-04	0.09
		890	96.14	76.63	0.11	76.63	0.11	0.45	0.11	-0.15	-0.04	-4.73e-04	0.13
811	1	435	8.03	0.43	-1.52	-0.94	-0.16	-0.89	0.38	-0.36	3.52e-03	0.02	-0.37
		434	8.38	0.97	-1.37	-0.25	-0.15	-1.17	0.37	-0.35	1.88e-03	0.03	-0.36
		890	6.98	2.35	0.04	2.32	0.07	-0.24	0.36	-0.35	0.01	3.99e-04	-0.36
		891	8.99	4.99	0.04	4.98	0.05	-0.22	0.37	-0.37	4.80e-03	-2.15e-04	-0.37
811	2	435	38.96	3.05	-25.58	-21.08	-1.44	10.42	0.35	-0.51	-0.05	-0.12	0.43
		434	35.39	1.59	-24.71	-21.80	-1.32	8.25	0.23	-0.45	-0.08	-0.15	0.34
		890	258.33	205.94	0.17	205.93	0.18	1.05	0.29	-0.40	-0.11	2.33e-03	0.34
		891	233.12	185.79	0.27	185.78	0.29	1.84	0.37	-0.48	-0.11	-2.65e-03	0.42
811	3	435	3.28	6.53e-03	-2.02	-1.88	-0.14	0.53	0.07	-0.08	-2.62e-03	-4.90e-03	-0.08
		434	2.73	-0.09	-1.73	-1.69	-0.13	0.27	0.07	-0.08	-6.14e-03	-4.06e-03	-0.08
		890	20.34	16.22	0.05	16.22	0.05	0.02	0.08	-0.08	-4.31e-03	3.56e-04	-0.08



811	4	891	19.49	15.52	0.05	15.52	0.05	0.05	0.07	-0.08	-8.21e-03	-3.39e-04	-0.08
		435	14.53	1.15	-9.52	-7.84	-0.52	3.88	0.13	-0.19	-0.02	-0.05	0.16
		434	13.14	0.60	-9.15	-8.07	-0.48	3.06	0.09	-0.17	-0.03	-0.06	0.13
		890	96.03	76.56	0.08	76.55	0.08	0.41	0.11	-0.15	-0.04	9.27e-04	0.13
812	1	891	86.69	69.09	0.11	69.09	0.12	0.66	0.14	-0.18	-0.04	-1.06e-03	0.16
		436	7.25	-0.06	-1.67	-1.55	-0.17	-0.41	0.38	-0.37	3.64e-03	8.20e-03	-0.38
		435	7.70	0.26	-1.39	-0.96	-0.16	-0.72	0.38	-0.37	-3.83e-03	0.01	-0.37
		891	8.95	5.02	0.06	5.02	0.06	-0.17	0.37	-0.36	8.03e-03	7.68e-04	-0.37
812	2	892	10.45	6.63	0.05	6.63	0.06	-0.14	0.38	-0.38	-1.74e-03	-4.74e-04	-0.38
		436	44.78	5.88	-27.14	-19.75	-1.52	13.77	0.44	-0.57	-0.03	-0.10	0.50
		435	41.12	4.21	-26.31	-20.84	-1.26	11.71	0.31	-0.53	-0.09	-0.13	0.42
		891	232.66	185.48	0.13	185.46	0.14	1.57	0.38	-0.47	-0.09	4.26e-03	0.42
812	3	892	198.22	157.90	0.29	157.87	0.33	2.40	0.44	-0.56	-0.12	-6.25e-03	0.49
		436	3.99	0.23	-2.39	-2.01	-0.15	0.93	0.07	-0.07	-1.18e-03	-5.40e-03	-0.07
		435	3.47	0.09	-2.09	-1.87	-0.13	0.66	0.07	-0.08	-9.02e-03	-6.81e-03	-0.08
		891	19.46	15.51	0.04	15.51	0.04	0.09	0.07	-0.08	-5.14e-03	6.77e-04	-0.08
812	4	892	17.54	13.93	0.05	13.93	0.05	0.11	0.07	-0.08	-0.01	-7.84e-04	-0.07
		436	16.73	2.19	-10.14	-7.40	-0.55	5.13	0.17	-0.22	-0.01	-0.04	0.19
		435	15.31	1.57	-9.78	-7.76	-0.46	4.35	0.12	-0.20	-0.03	-0.05	0.16
		891	86.52	68.98	0.06	68.97	0.07	0.60	0.14	-0.18	-0.04	1.71e-03	0.16
813	1	892	73.76	58.76	0.12	58.74	0.14	0.86	0.16	-0.21	-0.05	-2.49e-03	0.19
		437	6.82	-0.18	-2.06	-2.05	-0.18	0.09	0.39	-0.37	8.19e-03	9.35e-03	-0.38
		436	6.96	-0.13	-1.61	-1.57	-0.18	-0.24	0.37	-0.38	-0.01	2.86e-03	-0.38
		892	10.42	6.66	0.06	6.66	0.06	-0.08	0.38	-0.37	4.55e-03	1.85e-03	-0.38
813	2	893	10.90	7.16	0.06	7.16	0.06	-0.05	0.38	-0.39	-4.20e-03	-7.34e-04	-0.38
		437	50.65	9.01	-28.62	-17.91	-1.70	16.98	0.52	-0.62	-7.74e-03	-0.09	0.57
		436	47.60	7.51	-28.05	-19.44	-1.11	15.24	0.38	-0.61	-0.11	-0.12	0.49
		892	197.54	157.46	0.04	157.44	0.07	2.07	0.46	-0.53	-0.08	9.34e-03	0.50
813	3	893	154.10	122.49	0.33	122.42	0.41	3.00	0.49	-0.66	-0.15	-0.02	0.57
		437	4.69	0.51	-2.75	-2.08	-0.17	1.32	0.07	-0.07	2.74e-03	-4.34e-03	-0.07
		436	4.21	0.36	-2.48	-1.99	-0.12	1.07	0.06	-0.08	-0.01	-9.20e-03	-0.07
		892	17.48	13.91	0.04	13.91	0.04	0.15	0.07	-0.07	-4.58e-03	1.55e-03	-0.07
813	4	893	14.48	11.45	0.06	11.45	0.06	0.18	0.06	-0.08	-0.01	-2.11e-03	-0.07
		437	18.95	3.33	-10.73	-6.78	-0.62	6.32	0.20	-0.23	-1.98e-03	-0.04	0.21
		436	17.76	2.78	-10.47	-7.28	-0.40	5.66	0.14	-0.23	-0.04	-0.05	0.19
		892	73.50	58.60	0.03	58.59	0.04	0.79	0.17	-0.20	-0.03	3.77e-03	0.19
814	1	893	57.41	45.63	0.14	45.60	0.16	1.09	0.18	-0.25	-0.06	-7.42e-03	0.22
		438	8.08	-0.04	-2.56	-2.39	-0.20	0.62	0.41	-0.35	0.02	0.04	-0.38
		437	7.15	-0.15	-2.10	-2.07	-0.18	0.26	0.37	-0.39	-0.02	-4.43e-03	-0.38
		893	10.89	7.17	0.06	7.17	0.06	1.66e-03	0.39	-0.37	8.82e-03	5.21e-03	-0.38
814	2	894	10.39	6.47	0.07	6.47	0.07	0.05	0.40	-0.40	4.35e-03	-1.06e-03	-0.40
		438	55.75	12.26	-29.46	-15.21	-1.98	19.79	0.57	-0.71	0.04	-0.18	0.63
		437	55.02	11.55	-29.91	-17.54	-0.82	18.97	0.41	-0.71	-0.17	-0.13	0.56
		893	153.01	121.89	-0.10	121.83	-0.04	2.53	0.54	-0.56	-0.06	0.03	0.55
814	3	894	101.15	79.49	0.32	79.31	0.49	3.75	0.57	-0.91	-0.27	-0.07	0.73
		438	5.34	0.81	-3.05	-2.05	-0.19	1.69	0.07	-0.06	0.01	-1.98e-03	-0.06
		437	4.96	0.71	-2.87	-2.06	-0.11	1.50	0.05	-0.09	-0.02	-0.01	-0.07
		893	14.37	11.42	0.02	11.41	0.03	0.21	0.07	-0.07	-1.14e-03	4.46e-03	-0.07
814	4	894	10.31	8.04	0.06	8.04	0.07	0.27	0.04	-0.08	-0.02	-6.87e-03	-0.06
		438	20.86	4.52	-11.09	-5.84	-0.72	7.37	0.22	-0.27	0.02	-0.07	0.24
		437	20.55	4.26	-11.20	-6.64	-0.30	7.05	0.15	-0.27	-0.07	-0.05	0.21
		893	56.99	45.41	-0.02	45.39	-2.60e-03	0.96	0.20	-0.21	-0.02	0.01	0.21
815	1	894	37.80	29.68	0.13	29.62	0.19	1.36	0.21	-0.35	-0.11	-0.03	0.28
		439	9.00	0.05	-2.89	-2.45	-0.39	1.05	0.50	-0.26	0.07	0.17	-0.38
		438	8.64	0.17	-2.70	-2.43	-0.10	0.83	0.39	-0.40	-0.03	0.02	-0.40
		894	10.65	6.49	0.06	6.48	0.06	0.05	0.43	-0.37	0.06	0.01	-0.40
815	2	895	9.81	4.50	0.03	4.48	0.04	0.26	0.41	-0.48	-0.05	-0.02	-0.45
		439	55.21	16.64	-24.64	-7.98	-0.02	20.25	0.53	-1.06	0.17	-0.69	0.67
		438	65.15	15.81	-32.74	-15.25	-1.68	23.31	0.34	-1.04	-0.41	-0.29	0.69
		894	99.88	78.69	-0.34	78.57	-0.22	3.05	0.59	-0.63	-0.12	0.08	0.61
815	3	895	43.46	28.10	-0.98	26.94	0.18	5.70	0.91	-1.43	-0.41	-0.11	1.16
		439	5.49	1.16	-2.84	-1.58	-0.10	1.85	0.08	-0.05	0.04	-7.78e-03	-0.06
		438	5.73	1.11	-3.32	-2.06	-0.15	2.00	0.03	-0.10	-0.05	-0.02	-0.06
		894	10.10	8.00	2.76e-03	7.99	0.01	0.26	0.08	-0.06	8.32e-03	0.01	-0.07
815	4	895	5.07	3.59	-0.02	3.53	0.04	0.48	3.22e-03	-0.07	-0.05	-0.02	-0.03
		439	20.63	6.11	-9.32	-3.22	0.01	7.54	0.20	-0.40	0.07	-0.26	0.25
		438	24.36	5.80	-12.29	-5.86	-0.62	8.66	0.12	-0.40	-0.16	-0.11	0.26
		894	37.30	29.39	-0.12	29.35	-0.07	1.15	0.22	-0.24	-0.04	0.03	0.23
816	1	895	16.33	10.60	-0.33	10.18	0.08	2.10	0.34	-0.55	-0.16	-0.05	0.44
		9	6.08	-0.53	-4.24	-3.28	-1.49	1.62	0.07	-0.10	0.04	-0.07	-0.06
		439	12.20	1.61	-2.78	-2.19	1.02	1.50	0.81	-0.29	0.10	0.43	-0.52
		895	13.20	4.23	0.46	4.23	0.46	0.09	0.84	-0.45	0.42	-0.03	-0.60
816	2	86	17.94	2.12	-0.53	2.09	-0.50	-0.29	-0.33	-1.75	-1.74	-0.33	0.10
		9	69.26	48.27	-2.43	43.08	2.76	-15.38	0.26	-1.62	0.24	-1.59	0.23
		439	106.89	24.23	-52.83	-21.07	-7.53	37.93	-0.33	-2.70	-1.36	-1.66	1.18
		895	60.49	32.18	3.58	31.32	4.44	-4.88	0.61	-2.55	-1.56	-0.38	1.46
816		86	133.32	7.16	-77.22	-51.91	-18.16	38.67	5.12	2.49	5.05	2.57	-0.44



816	3	9	4.75	2.25	-0.65	2.06	-0.45	-0.72	0.04	-0.18	0.04	-0.18	7.05e-04
		439	8.44	2.17	-4.90	-2.55	-0.18	3.33	0.01	-0.13	-0.10	-0.02	-0.06
		895	4.92	3.87	0.45	3.83	0.50	-0.38	0.03	-0.09	-0.01	-0.05	-0.06
		86	7.68	0.69	-5.41	-3.17	-1.55	2.94	0.14	-0.09	-0.09	0.14	-8.12e-03
816	4	9	25.95	17.75	-1.15	15.79	0.81	-5.76	0.11	-0.64	0.10	-0.63	0.09
		439	40.08	8.96	-19.81	-8.14	-2.71	14.13	-0.14	-1.03	-0.53	-0.64	0.45
		895	22.95	12.18	1.35	11.85	1.67	-1.86	0.22	-0.97	-0.60	-0.15	0.56
		86	49.94	2.77	-28.73	-19.17	-6.78	14.48	1.95	0.97	1.92	1.00	-0.17
817	1	401	21.68	5.96	-5.41	-0.35	0.90	-5.65	0.31	-1.09	-0.88	0.11	0.49
		102	22.71	3.63	-3.35	3.60	-3.32	0.48	0.73	-1.13	0.71	-1.12	0.16
		126	64.48	-7.40	-42.09	-41.42	-8.07	-4.77	0.81	-1.37	-1.36	0.80	-0.14
		896	47.78	4.29	-32.13	-32.03	4.19	1.84	0.82	-0.72	0.32	-0.22	0.72
817	2	401	122.50	43.33	-48.02	-0.25	-4.44	-45.63	-0.62	-3.35	-2.21	-1.76	-1.34
		102	87.94	48.37	-2.13	47.75	-1.51	-5.56	0.69	-3.20	0.65	-3.17	-0.37
		126	369.27	-42.74	-281.29	-277.08	-46.94	-31.40	5.87	4.10	5.79	4.17	0.37
		896	256.05	23.93	-182.25	-182.13	23.81	4.99	0.52	-3.05	-1.71	-0.81	-1.73
817	3	401	12.15	4.96	-5.27	-0.34	0.03	-5.11	-0.12	-0.47	-0.46	-0.12	0.04
		102	13.40	4.39	-1.29	4.38	-1.28	-0.27	0.27	-0.62	0.27	-0.62	0.02
		126	40.41	-5.38	-33.47	-32.94	-5.91	-3.80	0.61	0.09	0.09	0.61	-8.84e-03
		896	31.19	3.07	-23.08	-23.05	3.04	0.94	-0.01	-0.18	-0.05	-0.14	0.07
817	4	401	45.73	16.03	-17.90	-0.31	-1.55	-16.95	-0.25	-1.28	-0.86	-0.68	-0.51
		102	33.00	17.69	-0.97	17.46	-0.74	-2.06	0.27	-1.24	0.26	-1.23	-0.14
		126	137.37	-15.85	-104.34	-102.77	-17.43	-11.70	2.24	1.58	2.21	1.61	0.14
		896	95.09	8.90	-67.57	-67.52	8.85	1.88	0.19	-1.16	-0.66	-0.32	-0.65
818	1	400	15.38	4.96	-2.59	2.95	-0.58	-3.34	0.27	-0.58	-0.34	0.03	0.38
		401	16.14	4.48	-2.18	1.90	0.39	-3.25	0.98	-0.14	0.54	0.31	0.55
		896	43.13	-0.61	-33.13	-33.12	-0.63	-0.64	0.02	-0.57	-0.32	-0.23	0.29
		897	36.81	0.42	-26.81	-26.81	0.42	-0.20	0.75	-0.30	0.29	0.16	0.52
818	2	400	83.87	30.99	-31.29	3.20	-3.50	-30.96	0.74	-1.41	-0.63	-0.03	-1.03
		401	78.30	36.27	-23.30	11.81	1.16	-29.30	1.04	-0.77	0.70	-0.43	-0.71
		896	238.32	-3.52	-186.86	-186.54	-3.84	-7.68	1.12	-1.98	-0.56	-0.31	-1.55
		897	148.46	2.34	-116.45	-116.32	2.22	-3.84	1.05	-0.60	0.27	0.19	-0.82
818	3	400	8.29	3.67	-3.09	1.00	-0.42	-3.30	6.17e-03	-0.17	-0.16	-3.58e-04	0.03
		401	8.64	3.95	-2.48	1.26	0.21	-3.17	0.28	-9.85e-04	0.22	0.05	0.11
		896	30.43	-0.43	-23.75	-23.73	-0.46	-0.74	-0.07	-0.17	-0.15	-0.10	-0.04
		897	21.80	0.31	-16.64	-16.64	0.30	-0.36	0.18	-9.30e-03	0.11	0.07	0.09
818	4	400	31.18	11.45	-11.65	1.08	-1.29	-11.49	0.27	-0.54	-0.25	-0.02	-0.39
		401	29.10	13.37	-8.74	4.20	0.44	-10.89	0.40	-0.29	0.27	-0.17	-0.26
		896	88.53	-1.29	-69.30	-69.18	-1.41	-2.82	0.42	-0.76	-0.22	-0.12	-0.59
		897	55.09	0.88	-43.21	-43.16	0.83	-1.44	0.39	-0.22	0.10	0.08	-0.31
819	1	399	13.31	5.80	-1.43	4.59	-0.21	-2.71	0.33	-0.34	-0.11	0.10	0.32
		400	13.82	5.05	-1.90	3.20	-0.05	-3.07	0.64	-0.18	0.22	0.24	0.41
		897	34.40	-0.01	-26.90	-26.90	-0.02	-0.23	0.33	-0.43	-0.02	-0.07	0.38
		898	29.21	0.12	-21.81	-21.80	0.12	-0.28	0.44	-0.23	0.16	0.05	0.33
819	2	399	73.66	25.86	-26.15	1.32	-1.60	-25.96	1.03	-1.14	-0.21	0.11	-1.07
		400	76.42	29.30	-26.90	3.92	-1.52	-27.97	1.23	-0.68	0.33	0.23	-0.95
		897	148.48	0.15	-116.23	-116.03	-0.06	-4.83	0.94	-1.23	-0.15	-0.14	-1.08
		898	74.61	0.60	-57.62	-57.39	0.37	-3.65	1.16	-0.90	0.20	0.07	-1.03
819	3	399	6.68	3.48	-2.23	1.42	-0.17	-2.75	0.04	-0.06	-0.05	0.03	0.01
		400	7.45	3.60	-2.58	1.14	-0.11	-3.02	0.14	0.04	0.10	0.09	0.05
		897	20.89	0.01	-16.66	-16.65	3.99e-03	-0.40	-1.03e-03	-0.06	-0.03	-0.03	0.03
		898	14.05	0.09	-10.79	-10.77	0.08	-0.37	0.07	0.01	0.06	0.02	0.02
819	4	399	27.35	9.58	-9.72	0.45	-0.58	-9.64	0.38	-0.43	-0.08	0.04	-0.40
		400	28.42	10.84	-10.04	1.35	-0.55	-10.40	0.46	-0.25	0.13	0.08	-0.36
		897	55.15	0.06	-43.13	-43.05	-7.77e-03	-1.77	0.35	-0.46	-0.06	-0.05	-0.41
		898	27.73	0.24	-21.40	-21.32	0.15	-1.37	0.43	-0.33	0.07	0.03	-0.38
820	1	398	11.54	6.13	-0.91	5.33	-0.11	-2.23	0.29	-0.21	-0.03	0.11	0.24
		399	11.92	5.66	-1.22	4.56	-0.13	-2.52	0.45	-0.16	0.11	0.18	0.31
		898	28.31	0.06	-21.78	-21.78	0.06	-0.23	0.33	-0.31	0.04	-0.02	0.32
		899	23.05	0.07	-17.32	-17.32	0.07	-0.28	0.30	-0.17	0.11	0.01	0.23
820	2	398	66.13	20.81	-23.25	-1.12	-1.31	-22.03	1.08	-1.19	-0.12	8.93e-03	-1.13
		399	70.34	23.86	-24.64	0.90	-1.69	-24.21	1.28	-0.92	0.16	0.20	-1.10
		898	75.74	0.61	-57.07	-56.78	0.32	-4.05	1.04	-1.09	-9.62e-03	-0.04	-1.07
		899	26.26	1.39	-7.91	-6.68	0.16	-3.15	1.16	-1.08	0.06	0.02	-1.12
820	3	398	5.49	3.14	-1.76	1.50	-0.12	-2.31	0.04	-0.03	-0.02	0.03	-0.02
		399	5.99	3.30	-2.07	1.38	-0.15	-2.58	0.07	0.04	0.05	0.07	7.54e-03
		898	13.60	0.07	-10.73	-10.72	0.05	-0.34	0.02	-0.02	8.82e-03	-9.67e-03	0.01
		899	7.43	0.06	-5.68	-5.66	0.04	-0.34	0.04	-3.20e-04	0.04	6.54e-03	-0.02
820	4	398	24.55	7.73	-8.62	-0.41	-0.47	-8.18	0.40	-0.44	-0.05	2.28e-03	-0.42
		399	26.16	8.86	-9.18	0.29	-0.61	-9.01	0.48	-0.34	0.06	0.07	-0.41
		898	28.14	0.23	-21.19	-21.09	0.13	-1.48	0.39	-0.41	-6.18e-03	-0.01	-0.40
		899	9.80	0.53	-2.97	-2.51	0.07	-1.19	0.43	-0.40	0.02	9.06e-03	-0.42
821	1	397	9.98	6.07	-0.64	5.50	-0.08	-1.86	0.22	-0.11	-4.14e-03	0.11	0.16
		398	10.53	5.97	-0.80	5.28	-0.11	-2.04	0.33	-0.12	0.07	0.15	0.22
		899	22.62	0.07	-17.29	-17.28	0.07	-0.23	0.26	-0.21	0.06	-7.40e-03	0.23
		900	17.74	0.06	-13.34	-13.34	0.05	-0.28	0.20	-0.11	0.08	5.74e-03	0.15
821	2	397	58.55	16.24	-20.93	-3.47	-1.22	-18.55	1.02	-1.22	-0.10	-0.10	-1.12



		398	63.30	18.99	-22.08	-1.56	-1.52	-20.54	1.22	-1.10	0.06	0.06	-1.16
		899	26.85	1.83	-7.65	-6.15	0.33	-3.46	1.09	-1.14	-0.03	-0.01	-1.11
		900	50.82	36.52	-0.05	36.33	0.14	-2.66	1.10	-1.13	-0.04	0.01	-1.11
821	3	397	5.08	2.73	-1.43	1.40	-0.10	-1.94	0.05	-0.03	-9.80e-03	0.02	-0.04
		398	5.39	2.96	-1.64	1.45	-0.13	-2.16	0.06	0.01	0.03	0.05	-0.02
		899	7.20	0.07	-5.63	-5.61	0.06	-0.30	0.02	-0.01	0.01	-3.36e-03	-0.01
		900	1.90	0.10	-1.33	-1.26	0.04	-0.30	0.05	-0.03	0.02	2.67e-03	-0.04
821	4	397	21.73	6.05	-7.75	-1.25	-0.44	-6.89	0.38	-0.45	-0.04	-0.04	-0.42
		398	23.54	7.07	-8.20	-0.58	-0.55	-7.64	0.45	-0.41	0.02	0.02	-0.43
		899	9.94	0.67	-2.85	-2.31	0.13	-1.26	0.40	-0.42	-0.01	-4.79e-03	-0.41
		900	18.84	13.53	-0.01	13.45	0.06	-1.01	0.41	-0.42	-0.01	4.18e-03	-0.41
822	1	396	8.57	5.74	-0.48	5.32	-0.05	-1.57	0.15	-0.04	8.09e-03	0.10	0.08
		397	9.28	5.92	-0.55	5.46	-0.08	-1.67	0.24	-0.06	0.05	0.13	0.15
		900	17.49	0.06	-13.31	-13.30	0.06	-0.23	0.19	-0.13	0.06	-3.46e-03	0.16
		901	13.05	0.05	-9.80	-9.79	0.04	-0.27	0.13	-0.05	0.07	2.77e-03	0.08
822	2	396	50.74	12.22	-18.93	-5.59	-1.13	-15.41	0.90	-1.19	-0.10	-0.19	-1.04
		397	55.76	14.58	-19.80	-3.85	-1.37	-17.15	1.10	-1.18	-5.21e-03	-0.07	-1.14
		900	51.11	37.00	0.06	36.77	0.29	-2.94	1.06	-1.15	-0.09	-5.25e-03	-1.10
		901	92.13	72.32	0.07	72.26	0.14	-2.19	0.98	-1.09	-0.12	5.99e-03	-1.03
822	3	396	4.60	2.31	-1.18	1.21	-0.09	-1.62	0.06	-0.05	-5.82e-03	0.01	-0.05
		397	4.90	2.56	-1.32	1.36	-0.11	-1.80	0.07	-0.02	0.01	0.03	-0.04
		900	1.87	0.11	-1.27	-1.22	0.05	-0.27	0.04	-0.03	0.01	-1.53e-03	-0.04
		901	3.49	2.51	7.77e-03	2.48	0.04	-0.27	0.06	-0.05	0.01	1.35e-03	-0.05
822	4	396	18.83	4.56	-6.99	-2.02	-0.41	-5.72	0.33	-0.44	-0.04	-0.07	-0.39
		397	20.73	5.45	-7.34	-1.40	-0.49	-6.38	0.41	-0.44	-1.60e-03	-0.03	-0.42
		900	18.90	13.70	0.04	13.62	0.12	-1.07	0.39	-0.43	-0.03	-2.06e-03	-0.41
		901	34.15	26.82	0.04	26.79	0.06	-0.83	0.36	-0.40	-0.04	2.30e-03	-0.38
823	1	395	7.27	5.24	-0.38	4.90	-0.03	-1.35	0.09	5.19e-03	0.01	0.09	0.02
		396	8.08	5.61	-0.40	5.27	-0.06	-1.38	0.16	-0.01	0.04	0.11	0.08
		901	12.89	0.06	-9.76	-9.75	0.06	-0.22	0.12	-0.06	0.06	-1.85e-03	0.09
		902	8.86	0.05	-6.62	-6.61	0.04	-0.26	0.07	-8.03e-03	0.06	1.48e-03	0.02
823	2	395	42.78	8.71	-17.18	-7.42	-1.05	-12.55	0.72	-1.10	-0.11	-0.27	-0.90
		396	47.97	10.66	-17.80	-5.90	-1.24	-14.04	0.94	-1.17	-0.05	-0.18	-1.05
		901	92.62	72.70	0.18	72.62	0.26	-2.46	0.95	-1.10	-0.14	-2.53e-03	-1.02
		902	129.09	101.69	0.11	101.66	0.14	-1.75	0.81	-0.98	-0.17	3.64e-03	-0.89
823	3	395	4.06	1.88	-0.99	0.96	-0.08	-1.34	0.06	-0.06	-4.98e-03	5.07e-03	-0.06
		396	4.36	2.15	-1.07	1.17	-0.10	-1.48	0.07	-0.04	7.34e-03	0.02	-0.06
		901	3.44	2.54	0.03	2.52	0.05	-0.23	0.05	-0.05	5.34e-03	-7.93e-04	-0.05
		902	7.20	5.64	0.03	5.63	0.03	-0.23	0.06	-0.06	3.71e-03	7.52e-04	-0.06
823	4	395	15.86	3.26	-6.33	-2.69	-0.38	-4.66	0.27	-0.41	-0.04	-0.10	-0.33
		396	17.83	4.00	-6.59	-2.14	-0.45	-5.23	0.35	-0.43	-0.02	-0.07	-0.39
		901	34.34	26.96	0.08	26.93	0.11	-0.89	0.35	-0.41	-0.05	-9.95e-04	-0.38
		902	47.87	37.72	0.05	37.71	0.06	-0.67	0.30	-0.37	-0.06	1.39e-03	-0.33
824	1	394	6.07	4.64	-0.32	4.34	-0.02	-1.19	0.08	2.83e-03	0.01	0.07	-0.03
		395	6.93	5.12	-0.30	4.86	-0.04	-1.17	0.10	0.02	0.03	0.09	0.02
		902	8.76	0.06	-6.58	-6.57	0.05	-0.21	0.06	-0.01	0.05	-1.02e-03	0.03
		903	5.11	0.05	-3.74	-3.73	0.04	-0.25	0.06	-0.01	0.05	8.39e-04	-0.02
824	2	394	34.79	5.69	-15.63	-8.94	-0.99	-9.89	0.50	-0.95	-0.12	-0.33	-0.72
		395	40.04	7.25	-16.06	-7.67	-1.13	-11.18	0.74	-1.09	-0.08	-0.26	-0.91
		902	129.45	102.00	0.19	101.96	0.23	-2.01	0.80	-0.99	-0.19	-1.11e-03	-0.89
		903	158.50	125.04	0.13	125.03	0.14	-1.34	0.61	-0.83	-0.22	2.39e-03	-0.71
824	3	394	3.47	1.47	-0.84	0.69	-0.07	-1.09	0.06	-0.07	-5.61e-03	-3.78e-03	-0.06
		395	3.80	1.73	-0.88	0.93	-0.08	-1.20	0.07	-0.06	2.17e-03	7.26e-03	-0.06
		902	7.19	5.67	0.04	5.66	0.05	-0.19	0.06	-0.06	1.08e-04	-4.16e-04	-0.06
		903	10.34	8.24	0.03	8.24	0.03	-0.20	0.06	-0.06	-3.02e-03	4.49e-04	-0.06
824	4	394	12.88	2.14	-5.74	-3.24	-0.36	-3.67	0.18	-0.35	-0.05	-0.12	-0.27
		395	14.88	2.74	-5.93	-2.78	-0.41	-4.17	0.28	-0.40	-0.03	-0.10	-0.34
		902	48.02	37.83	0.09	37.82	0.10	-0.73	0.30	-0.37	-0.07	-4.43e-04	-0.33
		903	58.80	46.40	0.06	46.39	0.07	-0.52	0.23	-0.31	-0.08	9.10e-04	-0.26
825	1	393	5.61	3.98	-0.29	3.70	-0.01	-1.05	0.11	-0.04	0.01	0.06	-0.07
		394	5.90	4.52	-0.25	4.30	-0.03	-1.00	0.09	9.13e-03	0.02	0.07	-0.03
		903	5.04	0.06	-3.70	-3.69	0.05	-0.20	0.05	-0.01	0.04	-5.66e-04	-0.02
		904	1.92	0.08	-1.16	-1.11	0.04	-0.24	0.09	-0.05	0.04	5.04e-04	-0.07
825	2	393	27.01	3.16	-14.26	-10.16	-0.94	-7.39	0.25	-0.77	-0.13	-0.38	-0.50
		394	32.14	4.35	-14.54	-9.14	-1.05	-8.53	0.51	-0.95	-0.11	-0.33	-0.72
		903	158.77	125.27	0.19	125.25	0.21	-1.60	0.60	-0.83	-0.23	-2.95e-04	-0.71
		904	180.81	142.73	0.14	142.73	0.14	-0.95	0.38	-0.64	-0.25	1.69e-03	-0.49
825	3	393	2.85	1.07	-0.72	0.42	-0.06	-0.86	0.05	-0.07	-6.84e-03	-0.01	-0.06
		394	3.19	1.31	-0.72	0.67	-0.07	-0.95	0.06	-0.06	-1.70e-03	-2.59e-03	-0.06
		903	10.37	8.27	0.04	8.27	0.04	-0.16	0.06	-0.06	-5.05e-03	-2.05e-04	-0.06
		904	13.01	10.35	0.03	10.35	0.03	-0.16	0.05	-0.06	-8.65e-03	2.86e-04	-0.06
825	4	393	9.98	1.20	-5.22	-3.69	-0.34	-2.74	0.09	-0.29	-0.05	-0.14	-0.18
		394	11.93	1.66	-5.35	-3.32	-0.38	-3.18	0.19	-0.35	-0.04	-0.12	-0.27
		903	58.91	46.48	0.08	46.47	0.09	-0.57	0.22	-0.31	-0.08	-1.25e-04	-0.26
		904	67.09	52.97	0.06	52.97	0.07	-0.37	0.14	-0.24	-0.09	6.38e-04	-0.18
826	1	392	5.17	3.29	-0.27	3.03	-0.01	-0.93	0.13	-0.07	8.60e-03	0.04	-0.10
		393	5.40	3.86	-0.21	3.67	-0.02	-0.86	0.11	-0.03	0.02	0.06	-0.07



		904	1.81	0.08	-1.11	-1.08	0.05	-0.18	0.08	-0.05	0.03	-3.00e-04	-0.06
		905	2.74	1.30	-4.84e-03	1.25	0.04	-0.23	0.11	-0.08	0.03	3.22e-04	-0.10
826	2	392	19.99	1.13	-13.12	-11.07	-0.92	-5.00	4.86e-03	-0.56	-0.14	-0.42	-0.25
		393	24.56	1.98	-13.27	-10.30	-0.99	-6.04	0.26	-0.77	-0.12	-0.38	-0.50
		904	181.00	142.91	0.19	142.90	0.20	-1.20	0.38	-0.63	-0.26	2.10e-04	-0.49
		905	196.37	155.06	0.15	155.06	0.15	-0.58	0.15	-0.42	-0.28	1.25e-03	-0.25
826	3	392	2.19	0.70	-0.61	0.15	-0.06	-0.64	0.03	-0.06	-8.19e-03	-0.02	-0.05
		393	2.56	0.92	-0.59	0.40	-0.07	-0.72	0.05	-0.07	-4.74e-03	-0.01	-0.06
		904	13.04	10.37	0.04	10.37	0.04	-0.12	0.05	-0.06	-9.80e-03	-8.04e-05	-0.06
		905	15.08	11.98	0.03	11.98	0.03	-0.13	0.04	-0.05	-0.01	1.93e-04	-0.05
826	4	392	7.35	0.44	-4.79	-4.03	-0.33	-1.85	1.58e-03	-0.21	-0.05	-0.16	-0.09
		393	9.09	0.77	-4.87	-3.74	-0.35	-2.25	0.10	-0.29	-0.05	-0.14	-0.19
		904	67.17	53.03	0.08	53.03	0.09	-0.43	0.14	-0.24	-0.10	7.05e-05	-0.18
		905	72.87	57.55	0.07	57.55	0.07	-0.24	0.05	-0.16	-0.10	4.69e-04	-0.09
827	1	391	4.70	2.60	-0.26	2.36	-0.02	-0.80	0.14	-0.10	5.65e-03	0.03	-0.12
		392	4.90	3.18	-0.19	3.00	-0.02	-0.74	0.13	-0.07	0.01	0.04	-0.10
		905	2.65	1.31	0.02	1.29	0.05	-0.17	0.11	-0.09	0.02	-1.34e-04	-0.10
		906	4.97	3.38	0.02	3.37	0.04	-0.21	0.13	-0.11	0.02	2.16e-04	-0.12
827	2	391	16.16	-0.28	-12.32	-11.69	-0.91	-2.68	-0.14	-0.44	-0.15	-0.44	0.02
		392	18.03	0.23	-12.34	-11.16	-0.94	-3.66	0.01	-0.57	-0.14	-0.42	-0.25
		905	196.49	155.17	0.18	155.17	0.18	-0.83	0.14	-0.42	-0.28	5.60e-04	-0.24
		906	205.41	162.21	0.15	162.21	0.16	-0.21	1.74e-03	-0.29	-0.29	9.34e-04	0.02
827	3	391	1.52	0.35	-0.51	-0.10	-0.06	-0.43	0.02	-0.05	-9.38e-03	-0.02	-0.03
		392	1.90	0.55	-0.48	0.14	-0.06	-0.50	0.04	-0.06	-7.15e-03	-0.02	-0.05
		905	15.11	12.00	0.04	12.00	0.04	-0.09	0.04	-0.05	-0.01	0.0	-0.05
		906	16.57	13.14	0.03	13.14	0.03	-0.10	0.03	-0.04	-0.02	1.32e-04	-0.03
827	4	391	5.91	-0.09	-4.49	-4.26	-0.33	-0.99	-0.05	-0.16	-0.05	-0.16	6.54e-03
		392	6.64	0.11	-4.51	-4.06	-0.34	-1.37	4.25e-03	-0.21	-0.05	-0.16	-0.09
		905	72.92	57.59	0.08	57.59	0.08	-0.29	0.05	-0.16	-0.10	2.06e-04	-0.09
		906	76.24	60.21	0.07	60.21	0.07	-0.10	6.56e-04	-0.11	-0.11	3.45e-04	5.84e-03
828	1	390	4.21	1.92	-0.25	1.70	-0.03	-0.66	0.15	-0.13	2.83e-03	0.02	-0.14
		391	4.39	2.48	-0.17	2.33	-0.02	-0.61	0.14	-0.11	6.73e-03	0.03	-0.12
		906	4.93	3.41	0.04	3.40	0.05	-0.15	0.13	-0.11	0.02	-1.53e-05	-0.12
		907	7.05	5.19	0.03	5.19	0.04	-0.18	0.14	-0.13	9.77e-03	1.39e-04	-0.14
828	2	390	16.37	-0.91	-12.05	-12.04	-0.92	-0.37	0.03	-0.62	-0.15	-0.44	0.29
		391	15.33	-0.76	-11.90	-11.74	-0.92	-1.33	-0.14	-0.44	-0.14	-0.44	0.01
		906	205.48	162.26	0.17	162.26	0.17	-0.46	2.19e-03	-0.29	-0.29	8.63e-04	0.02
		907	208.06	164.26	0.17	164.26	0.17	0.15	0.17	-0.47	-0.30	6.27e-04	0.29
828	3	390	0.89	0.06	-0.44	-0.32	-0.06	-0.21	1.83e-03	-0.04	-0.01	-0.03	-0.02
		391	1.23	0.21	-0.38	-0.11	-0.06	-0.29	0.02	-0.05	-9.08e-03	-0.02	-0.04
		906	16.59	13.16	0.04	13.16	0.04	-0.06	0.03	-0.04	-0.02	6.32e-05	-0.03
		907	17.46	13.84	0.04	13.84	0.04	-0.07	0.01	-0.03	-0.02	8.04e-05	-0.02
828	4	390	5.99	-0.33	-4.40	-4.39	-0.33	-0.13	0.01	-0.23	-0.05	-0.16	0.11
		391	5.60	-0.27	-4.34	-4.28	-0.33	-0.50	-0.05	-0.16	-0.05	-0.16	4.82e-03
		906	76.26	60.23	0.08	60.23	0.08	-0.15	8.27e-04	-0.11	-0.11	3.23e-04	7.44e-03
		907	77.22	60.97	0.07	60.97	0.07	0.03	0.06	-0.17	-0.11	2.25e-04	0.11
829	1	389	3.67	1.25	-0.23	1.07	-0.04	-0.49	0.15	-0.14	4.53e-04	8.70e-03	-0.15
		390	3.86	1.80	-0.15	1.68	-0.03	-0.47	0.15	-0.13	2.76e-03	0.02	-0.14
		907	7.03	5.22	0.04	5.22	0.05	-0.13	0.14	-0.13	9.58e-03	9.45e-05	-0.14
		908	8.75	6.66	0.04	6.66	0.04	-0.16	0.15	-0.14	3.00e-03	5.93e-05	-0.14
829	2	389	19.83	-0.62	-12.48	-12.14	-0.96	1.98	0.30	-0.87	-0.14	-0.43	0.56
		390	16.03	-0.83	-12.12	-12.03	-0.92	0.98	0.03	-0.62	-0.15	-0.44	0.29
		907	208.06	164.26	0.16	164.26	0.16	-0.10	0.18	-0.47	-0.30	1.22e-03	0.29
		908	204.30	161.22	0.18	161.22	0.18	0.51	0.43	-0.72	-0.29	2.44e-04	0.55
829	3	389	0.68	-0.07	-0.53	-0.53	-0.07	0.01	-0.01	-0.03	-0.01	-0.03	-8.60e-04
		390	0.65	-0.05	-0.35	-0.33	-0.07	-0.07	2.10e-03	-0.04	-0.01	-0.03	-0.02
		907	17.47	13.85	0.04	13.85	0.04	-0.03	0.01	-0.03	-0.02	1.29e-04	-0.02
		908	17.74	14.05	0.04	14.05	0.04	-0.03	8.49e-05	-0.02	-0.02	1.95e-05	-1.18e-03
829	4	389	7.33	-0.21	-4.57	-4.44	-0.34	0.75	0.11	-0.32	-0.05	-0.16	0.21
		390	5.87	-0.30	-4.42	-4.39	-0.33	0.36	9.46e-03	-0.23	-0.06	-0.16	0.11
		907	77.22	60.97	0.07	60.97	0.07	-0.02	0.07	-0.18	-0.11	4.63e-04	0.11
		908	75.83	59.85	0.08	59.85	0.08	0.17	0.16	-0.27	-0.11	7.42e-05	0.21
830	1	388	3.07	0.58	-0.18	0.46	-0.06	-0.28	0.15	-0.15	-1.14e-03	6.85e-04	-0.15
		389	3.30	1.12	-0.12	1.05	-0.05	-0.30	0.15	-0.14	-9.45e-04	8.23e-03	-0.15
		908	8.75	6.69	0.05	6.69	0.05	-0.10	0.15	-0.14	3.48e-03	2.34e-04	-0.14
		909	9.95	7.71	0.04	7.71	0.04	-0.12	0.15	-0.15	-2.64e-03	-5.21e-05	-0.15
830	2	388	27.08	0.54	-13.58	-12.02	-1.02	4.42	0.57	-1.10	-0.13	-0.40	0.82
		389	21.87	-1.71e-03	-13.01	-12.08	-0.93	3.34	0.28	-0.87	-0.15	-0.43	0.56
		908	204.24	161.16	0.15	161.16	0.15	0.26	0.43	-0.72	-0.29	1.78e-03	0.56
		909	193.99	152.96	0.19	152.95	0.20	0.88	0.68	-0.96	-0.28	-3.45e-04	0.81
830	3	388	1.22	0.01	-0.81	-0.72	-0.08	0.26	3.95e-04	-0.04	-0.01	-0.03	0.02
		389	0.77	-0.02	-0.58	-0.53	-0.07	0.16	-0.01	-0.03	-0.01	-0.03	-1.57e-03
		908	17.74	14.06	0.04	14.06	0.04	8.68e-03	2.40e-04	-0.02	-0.02	2.23e-04	-5.98e-04
		909	17.37	13.75	0.04	13.75	0.04	7.39e-03	9.38e-03	-0.03	-0.02	-7.33e-05	0.02
830	4	388	10.05	0.22	-5.01	-4.42	-0.36	1.65	0.21	-0.41	-0.05	-0.15	0.31
		389	8.07	0.01	-4.77	-4.42	-0.33	1.24	0.11	-0.32	-0.06	-0.16	0.21
		908	75.81	59.83	0.07	59.83	0.07	0.11	0.16	-0.27	-0.11	6.81e-04	0.21



		909	72.02	56.79	0.08	56.78	0.09	0.31	0.25	-0.36	-0.10	-1.60e-04	0.30
831	1	387	2.41	-0.08	-0.12	-0.11	-0.09	-0.01	0.14	-0.15	-1.46e-03	-4.54e-03	-0.15
		388	2.67	0.46	-0.08	0.45	-0.06	-0.08	0.15	-0.15	-4.57e-03	-4.41e-04	-0.15
		909	9.95	7.74	0.05	7.73	0.05	-0.07	0.15	-0.15	-1.17e-03	4.64e-04	-0.15
		910	10.56	8.23	0.05	8.23	0.05	-0.08	0.14	-0.15	-6.97e-03	-2.50e-04	-0.15
831	2	387	35.28	2.35	-15.22	-11.75	-1.11	6.99	0.83	-1.30	-0.11	-0.36	1.06
		388	29.58	1.55	-14.41	-11.91	-0.95	5.80	0.55	-1.10	-0.15	-0.41	0.82
		909	193.86	152.84	0.14	152.84	0.15	0.62	0.69	-0.96	-0.27	2.79e-03	0.81
		910	176.89	139.28	0.22	139.27	0.23	1.27	0.92	-1.18	-0.25	-1.50e-03	1.04
831	3	387	2.05	0.17	-1.16	-0.90	-0.10	0.53	0.02	-0.06	-9.09e-03	-0.03	0.04
		388	1.46	0.12	-0.91	-0.72	-0.08	0.41	-2.57e-03	-0.04	-0.01	-0.03	0.02
		909	17.36	13.75	0.04	13.75	0.04	0.05	0.01	-0.03	-0.02	3.86e-04	0.02
		910	16.29	12.89	0.04	12.89	0.04	0.05	0.03	-0.05	-0.02	-2.51e-04	0.04
831	4	387	13.13	0.90	-5.64	-4.35	-0.40	2.61	0.31	-0.49	-0.04	-0.13	0.39
		388	10.96	0.59	-5.31	-4.38	-0.34	2.15	0.20	-0.41	-0.05	-0.15	0.30
		909	71.96	56.74	0.07	56.74	0.07	0.25	0.26	-0.36	-0.10	1.07e-03	0.30
		910	65.69	51.72	0.09	51.71	0.10	0.45	0.34	-0.44	-0.10	-6.21e-04	0.39
832	1	386	3.07	0.02	-0.80	-0.66	-0.12	0.31	0.14	-0.14	3.69e-04	-5.71e-03	-0.14
		387	2.80	0.08	-0.29	-0.12	-0.08	0.19	0.14	-0.16	-8.49e-03	-6.85e-03	-0.15
		910	10.58	8.25	0.05	8.25	0.05	-0.03	0.14	-0.15	-3.74e-03	9.31e-04	-0.15
		911	10.45	8.11	0.06	8.11	0.06	-0.03	0.14	-0.15	-9.74e-03	-7.14e-04	-0.14
832	2	386	43.82	4.63	-17.34	-11.44	-1.27	9.74	1.08	-1.46	-0.09	-0.29	1.27
		387	38.09	3.69	-16.25	-11.59	-0.96	8.44	0.80	-1.31	-0.14	-0.37	1.05
		910	176.67	139.10	0.12	139.09	0.13	0.99	0.94	-1.17	-0.24	4.68e-03	1.05
		911	152.65	119.87	0.26	119.85	0.28	1.69	1.14	-1.37	-0.23	-5.00e-03	1.25
832	3	386	2.97	0.37	-1.56	-1.08	-0.12	0.84	0.04	-0.07	-6.54e-03	-0.02	0.05
		387	2.34	0.31	-1.28	-0.89	-0.08	0.68	0.01	-0.06	-0.01	-0.03	0.04
		910	16.27	12.88	0.04	12.88	0.04	0.08	0.03	-0.05	-0.02	7.11e-04	0.04
		911	14.44	11.41	0.05	11.41	0.05	0.09	0.04	-0.06	-0.02	-7.31e-04	0.05
832	4	386	16.32	1.74	-6.46	-4.27	-0.46	3.63	0.40	-0.54	-0.03	-0.11	0.47
		387	14.14	1.38	-6.01	-4.29	-0.35	3.13	0.30	-0.49	-0.05	-0.14	0.39
		910	65.59	51.65	0.06	51.65	0.06	0.38	0.35	-0.44	-0.09	1.82e-03	0.39
		911	56.71	44.53	0.11	44.52	0.12	0.60	0.42	-0.51	-0.09	-2.00e-03	0.46
833	1	385	4.01	0.19	-1.54	-1.19	-0.17	0.70	0.14	-0.13	6.19e-03	-7.95e-04	-0.14
		386	3.54	0.21	-0.98	-0.66	-0.10	0.52	0.13	-0.16	-0.01	-0.01	-0.14
		911	10.43	8.13	0.05	8.13	0.05	0.02	0.14	-0.14	-3.02e-03	2.05e-03	-0.14
		912	9.37	7.21	0.07	7.21	0.07	0.04	0.13	-0.15	-0.01	-2.11e-03	-0.14
833	2	385	52.31	7.17	-19.93	-11.21	-1.55	12.66	1.29	-1.58	-0.05	-0.24	1.43
		386	47.09	6.40	-18.54	-11.21	-0.93	11.36	1.04	-1.49	-0.15	-0.30	1.26
		911	152.27	119.61	0.07	119.59	0.08	1.35	1.16	-1.34	-0.19	8.67e-03	1.25
		912	121.08	94.34	0.32	94.29	0.37	2.17	1.31	-1.56	-0.23	-0.02	1.43
833	3	385	3.93	0.59	-2.01	-1.27	-0.15	1.17	0.06	-0.08	-1.84e-03	-0.02	0.07
		386	3.31	0.54	-1.69	-1.06	-0.09	1.00	0.03	-0.07	-0.02	-0.03	0.05
		911	14.39	11.40	0.03	11.40	0.03	0.12	0.05	-0.06	-0.02	1.49e-03	0.05
		912	11.76	9.26	0.06	9.26	0.06	0.15	0.06	-0.08	-0.02	-2.56e-03	0.07
833	4	385	19.50	2.66	-7.46	-4.24	-0.56	4.72	0.48	-0.59	-0.02	-0.09	0.53
		386	17.50	2.37	-6.89	-4.19	-0.33	4.21	0.38	-0.55	-0.06	-0.11	0.47
		911	56.56	44.43	0.04	44.42	0.04	0.52	0.43	-0.50	-0.07	3.45e-03	0.46
		912	45.04	35.08	0.13	35.06	0.15	0.78	0.49	-0.58	-0.09	-7.92e-03	0.53
834	1	384	5.10	0.40	-2.28	-1.66	-0.22	1.13	0.15	-0.12	0.02	0.01	-0.14
		385	4.51	0.44	-1.74	-1.19	-0.11	0.95	0.12	-0.16	-0.02	-0.01	-0.14
		912	9.30	7.21	0.04	7.21	0.04	0.07	0.14	-0.14	3.58e-03	5.27e-03	-0.14
		913	7.20	5.35	0.08	5.34	0.08	0.13	0.13	-0.15	-0.02	-6.54e-03	-0.14
834	2	384	60.17	9.77	-22.68	-11.01	-1.90	15.57	1.37	-1.75	-0.02	-0.36	1.55
		385	56.87	9.71	-21.47	-10.95	-0.81	14.75	1.22	-1.64	-0.18	-0.24	1.43
		912	120.32	93.94	-0.02	93.91	0.01	1.68	1.33	-1.45	-0.14	0.02	1.39
		913	83.14	62.10	0.33	61.97	0.46	2.79	1.50	-1.94	-0.37	-0.08	1.71
834	3	384	4.85	0.82	-2.48	-1.48	-0.19	1.52	0.07	-0.09	6.52e-03	-0.03	0.08
		385	4.41	0.83	-2.17	-1.25	-0.08	1.38	0.04	-0.09	-0.02	-0.02	0.07
		912	11.65	9.23	0.02	9.23	0.03	0.16	0.06	-0.07	-9.88e-03	4.02e-03	0.06
		913	8.23	6.34	0.06	6.33	0.07	0.21	0.07	-0.12	-0.04	-9.56e-03	0.09
834	4	384	22.45	3.60	-8.54	-4.25	-0.69	5.80	0.51	-0.65	-4.39e-03	-0.14	0.58
		385	21.16	3.58	-8.02	-4.14	-0.29	5.47	0.45	-0.61	-0.07	-0.09	0.53
		912	44.73	34.93	5.74e-03	34.92	0.02	0.64	0.50	-0.54	-0.05	8.89e-03	0.52
		913	31.06	23.15	0.14	23.11	0.18	1.00	0.56	-0.73	-0.14	-0.03	0.64
835	1	383	5.72	0.60	-2.53	-1.72	-0.21	1.37	0.18	-0.09	0.06	0.04	-0.14
		384	5.79	0.79	-2.64	-1.72	-0.14	1.52	0.11	-0.16	-0.04	-6.34e-03	-0.14
		913	7.18	5.34	0.03	5.34	0.03	0.11	0.17	-0.13	0.03	0.01	-0.15
		914	4.31	2.29	-0.02	2.22	0.05	0.38	0.09	-0.17	-0.05	-0.02	-0.13
835	2	383	62.72	12.85	-20.98	-7.68	-0.44	16.52	1.08	-2.37	0.01	-1.31	1.59
		384	70.02	13.25	-26.08	-11.24	-1.59	19.06	1.23	-2.08	-0.44	-0.42	1.66
		913	82.62	61.59	-0.16	61.52	-0.10	2.03	1.44	-1.67	-0.29	0.06	1.55
		914	53.86	21.93	-0.88	20.95	0.10	4.63	2.13	-2.67	-0.44	-0.11	2.40
835	3	383	5.11	1.06	-2.49	-1.35	-0.08	1.66	0.07	-0.14	0.02	-0.09	0.08
		384	5.89	1.15	-2.83	-1.52	-0.15	1.87	0.04	-0.13	-0.05	-0.04	0.09
		913	8.09	6.31	6.60e-03	6.30	0.01	0.20	0.07	-0.08	-0.01	0.01	0.07
		914	4.23	2.47	-0.04	2.39	0.04	0.43	0.12	-0.19	-0.06	-0.02	0.15



835	4	383	23.40	4.70	-7.96	-3.12	-0.15	6.15	0.40	-0.89	0.01	-0.49	0.60
		384	26.10	4.85	-9.78	-4.34	-0.58	7.07	0.45	-0.78	-0.17	-0.16	0.62
		913	30.81	22.97	-0.05	22.95	-0.02	0.76	0.54	-0.62	-0.11	0.02	0.58
		914	20.15	8.29	-0.30	7.94	0.05	1.69	0.80	-1.01	-0.17	-0.04	0.90
836	1	10	4.06	0.85	-1.35	0.50	-0.99	-0.81	0.06	-0.16	0.06	-0.16	-0.02
		383	9.28	2.17	-4.32	-2.49	0.34	2.92	0.20	-0.17	-0.07	0.09	-0.16
		914	5.67	2.52	0.51	2.40	0.63	-0.48	0.24	-0.18	0.10	-0.05	-0.20
		84	9.10	0.22	-4.51	-2.68	-1.61	2.30	0.05	-0.49	-0.49	0.04	0.03
836	2	10	56.96	35.40	-6.22	30.34	-1.16	-13.60	0.18	-2.09	0.11	-2.02	0.40
		383	118.98	21.91	-45.13	-19.06	-4.17	32.68	0.10	-5.16	-1.95	-3.11	2.57
		914	82.54	26.02	3.60	24.72	4.90	-5.25	1.67	-5.08	-2.97	-0.44	3.13
		84	153.72	5.03	-64.10	-41.89	-17.18	32.29	10.34	3.96	10.23	4.07	-0.83
836	3	10	5.71	2.66	-1.18	2.14	-0.65	-1.32	0.03	-0.24	0.03	-0.24	0.03
		383	10.62	2.26	-4.86	-2.50	-0.10	3.35	-0.05	-0.36	-0.19	-0.22	0.15
		914	6.59	2.93	0.44	2.78	0.59	-0.60	0.07	-0.34	-0.21	-0.06	0.19
		84	12.38	0.57	-6.17	-3.77	-1.83	3.22	0.68	0.35	0.67	0.36	-0.06
836	4	10	21.39	12.90	-2.62	10.98	-0.70	-5.11	0.07	-0.81	0.04	-0.79	0.15
		383	44.52	8.11	-16.95	-7.41	-1.44	12.17	0.03	-1.95	-0.75	-1.17	0.96
		914	31.15	9.90	1.36	9.39	1.86	-2.01	0.62	-1.91	-1.12	-0.17	1.17
		84	57.40	1.99	-23.82	-15.39	-6.44	12.11	3.89	1.51	3.85	1.55	-0.31
837	1	93	64.33	68.12	15.87	16.04	67.95	3.03	0.82	-0.22	0.20	0.39	0.51
		1018	33.78	36.41	11.93	12.07	36.27	1.88	0.71	-0.80	-0.06	-0.03	0.76
		1017	45.46	43.08	8.25	8.82	42.50	4.45	1.19	-0.47	0.06	0.67	0.77
		127	48.26	47.78	2.01	2.65	47.14	-5.37	1.39	0.11	0.98	0.52	0.60
837	2	93	134.10	140.06	31.93	32.83	139.16	-9.80	1.63	0.51	0.83	1.31	-0.51
		1018	76.75	79.04	23.46	25.39	77.11	-10.19	1.93	-1.85	-0.07	0.15	1.88
		1017	81.80	86.97	25.34	25.93	86.38	-6.01	0.26	-0.97	-0.10	-0.62	0.56
		127	112.17	103.86	3.04	11.84	95.06	-28.45	7.25	2.34	7.07	2.52	-0.93
837	3	93	31.00	32.98	7.81	7.81	32.98	0.09	0.30	0.05	0.13	0.23	0.11
		1018	16.42	17.98	5.95	5.96	17.97	-0.33	0.33	-0.37	-0.03	-7.95e-03	0.35
		1017	20.35	20.75	4.84	4.88	20.72	0.78	0.41	-0.15	0.04	0.21	0.27
		127	23.87	23.66	0.97	1.74	22.89	-4.11	0.81	0.33	0.79	0.35	0.10
837	4	93	52.04	54.41	12.45	12.78	54.08	-3.71	0.62	0.20	0.31	0.50	-0.19
		1018	29.70	30.81	9.17	9.91	30.07	-3.91	0.69	-0.68	-0.03	0.05	0.69
		1017	31.56	33.94	9.72	9.94	33.71	-2.32	0.13	-0.31	-5.57e-03	-0.17	0.20
		127	43.40	40.42	1.13	4.46	37.09	-10.95	2.66	0.87	2.59	0.95	-0.35
838	1	1018	37.74	40.70	12.01	12.09	40.61	1.60	0.75	-0.66	0.04	0.05	0.70
		1020	27.27	28.83	8.75	8.82	28.75	1.23	0.64	-0.64	-0.04	0.04	0.64
		1019	33.35	29.79	7.13	7.88	29.04	4.05	1.26	-0.35	0.20	0.71	0.77
		1017	41.01	39.42	7.87	8.15	39.14	2.93	1.12	-0.39	0.13	0.60	0.72
838	2	1018	82.03	87.58	23.60	25.46	85.73	-10.73	1.78	-1.29	0.14	0.35	1.53
		1020	64.46	65.39	17.85	19.63	63.62	-9.02	1.72	-1.64	-0.09	0.17	1.68
		1019	72.40	61.27	23.90	24.29	60.87	-3.81	-0.30	-3.54	-0.63	-3.21	0.98
		1017	78.42	80.99	23.05	24.49	79.54	-9.03	0.61	-0.89	0.54	-0.82	0.31
838	3	1018	18.18	20.06	5.95	5.97	20.04	-0.47	0.34	-0.28	0.03	0.04	0.31
		1020	13.36	14.58	4.46	4.48	14.56	-0.46	0.31	-0.31	-0.02	0.02	0.31
		1019	13.74	14.52	4.43	4.50	14.45	0.81	0.34	-0.26	0.04	0.04	0.30
		1017	18.30	19.11	4.55	4.55	19.11	0.06	0.37	-0.10	0.10	0.17	0.23
838	4	1018	31.79	34.11	9.23	9.93	33.41	-4.12	0.65	-0.47	0.06	0.13	0.56
		1020	25.00	25.58	7.00	7.68	24.89	-3.50	0.63	-0.60	-0.04	0.06	0.61
		1019	27.67	24.04	9.20	9.36	23.89	-1.52	-0.08	-1.25	-0.21	-1.12	0.36
		1017	30.26	31.63	8.84	9.39	31.08	-3.49	0.24	-0.28	0.22	-0.25	0.11
839	1	1020	27.38	29.26	8.85	8.92	29.18	1.22	0.64	-0.62	3.78e-03	0.01	0.63
		1022	20.09	20.65	6.23	6.33	20.54	1.25	0.59	-0.60	-0.01	7.91e-03	0.59
		1021	28.97	21.66	4.50	5.56	20.60	4.13	1.62	-0.17	0.32	1.12	0.80
		1019	33.56	29.61	6.88	7.61	28.89	3.99	1.31	-0.34	0.20	0.76	0.78
839	2	1020	65.27	66.19	18.11	19.85	64.45	-9.00	1.69	-1.59	-9.55e-03	0.11	1.64
		1022	52.57	50.99	14.37	15.51	49.84	-6.37	1.72	-1.71	-0.02	0.04	1.72
		1021	66.33	47.26	19.55	19.61	47.20	-1.30	-0.43	-4.81	-0.96	-4.28	1.43
		1019	71.61	61.03	23.20	23.61	60.62	-3.92	-0.18	-3.38	-0.50	-3.06	0.96
839	3	1020	13.63	14.79	4.51	4.53	14.77	-0.46	0.31	-0.30	1.16e-03	0.01	0.30
		1022	10.29	10.94	3.37	3.38	10.93	-0.25	0.30	-0.30	-5.11e-03	5.23e-03	0.30
		1021	11.28	10.88	3.31	3.45	10.74	1.02	0.41	-0.27	0.05	0.09	0.34
		1019	13.84	14.45	4.30	4.36	14.39	0.78	0.36	-0.24	0.05	0.07	0.30
839	4	1020	25.32	25.89	7.10	7.77	25.22	-3.49	0.62	-0.58	-2.79e-03	0.04	0.60
		1022	20.45	20.06	5.65	6.10	19.61	-2.51	0.64	-0.63	-9.29e-03	0.01	0.63
		1021	25.21	18.66	7.58	7.61	18.62	-0.59	-0.13	-1.71	-0.33	-1.51	0.53
		1019	27.38	23.95	8.93	9.10	23.79	-1.57	-0.04	-1.19	-0.16	-1.07	0.35
840	1	1022	20.13	20.74	6.26	6.36	20.63	1.25	0.60	-0.60	1.54e-03	1.20e-03	0.60
		1024	14.31	13.52	4.01	4.18	13.34	1.27	0.56	-0.57	-2.73e-03	-2.29e-03	0.57
		1023	25.53	14.88	1.80	3.12	13.56	3.94	1.95	0.01	0.40	1.56	0.78
		1021	29.06	21.66	4.43	5.48	20.61	4.13	1.63	-0.17	0.31	1.14	0.80
840	2	1022	52.94	51.19	14.45	15.59	50.05	-6.37	1.75	-1.73	-8.22e-03	0.03	1.74
		1024	43.26	39.84	11.66	12.26	39.24	-4.07	1.81	-1.81	-5.44e-03	0.01	1.81
		1023	61.64	37.34	15.12	15.12	37.33	0.23	-0.79	-5.66	-1.41	-5.03	1.63
		1021	65.96	47.30	19.36	19.42	47.24	-1.31	-0.44	-4.73	-0.95	-4.22	1.39
840	3	1022	10.36	10.98	3.39	3.39	10.97	-0.25	0.30	-0.30	1.18e-04	2.21e-03	0.30



		1024	7.68	7.88	2.46	2.46	7.88	-0.06	0.30	-0.30	-1.26e-03	6.05e-05	0.30
		1023	9.56	7.99	2.16	2.37	7.78	1.09	0.46	-0.25	0.04	0.17	0.35
		1021	11.32	10.89	3.27	3.41	10.75	1.02	0.41	-0.27	0.05	0.10	0.34
840	4	1022	20.59	20.14	5.68	6.13	19.69	-2.51	0.65	-0.64	-2.77e-03	0.01	0.64
		1024	16.87	15.80	4.61	4.85	15.55	-1.64	0.67	-0.67	-2.06e-03	3.91e-03	0.67
		1023	23.33	14.83	5.93	5.93	14.83	-0.01	-0.26	-2.03	-0.50	-1.79	0.60
		1021	25.08	18.67	7.51	7.54	18.64	-0.59	-0.14	-1.68	-0.33	-1.49	0.51
841	1	1024	14.34	13.53	4.02	4.19	13.36	1.27	0.57	-0.57	1.69e-03	-2.24e-03	0.57
		1026	9.67	7.33	2.02	2.31	7.05	1.19	0.51	-0.52	-7.39e-04	-5.20e-03	0.52
		1025	22.26	8.97	-0.69	0.85	7.43	3.54	2.26	0.19	0.48	1.97	0.71
		1023	25.52	14.88	1.77	3.09	13.56	3.94	1.95	0.02	0.40	1.57	0.77
841	2	1024	43.47	39.92	11.70	12.30	39.32	-4.07	1.84	-1.83	-1.65e-03	0.01	1.83
		1026	35.53	31.34	9.49	9.74	31.08	-2.36	1.78	-1.77	-3.99e-03	8.26e-03	1.77
		1025	58.32	29.94	11.24	11.31	29.88	1.09	-1.26	-6.31	-1.86	-5.71	1.63
		1023	61.47	37.38	15.06	15.06	37.37	0.23	-0.83	-5.62	-1.42	-5.02	1.58
841	3	1024	7.71	7.89	2.46	2.46	7.89	-0.06	0.30	-0.30	4.78e-04	1.42e-04	0.30
		1026	5.59	5.31	1.68	1.68	5.30	0.06	0.28	-0.28	-5.28e-04	-9.73e-04	0.28
		1025	8.05	5.57	1.14	1.40	5.31	1.04	0.48	-0.21	0.03	0.24	0.33
		1023	9.54	8.00	2.15	2.36	7.79	1.09	0.45	-0.25	0.04	0.17	0.34
841	4	1024	16.95	15.83	4.62	4.87	15.58	-1.64	0.68	-0.67	-5.11e-04	4.37e-03	0.68
		1026	13.91	12.54	3.77	3.89	12.43	-0.99	0.66	-0.65	-1.49e-03	3.02e-03	0.66
		1025	22.00	11.97	4.48	4.50	11.96	0.32	-0.44	-2.26	-0.67	-2.04	0.60
		1023	23.27	14.84	5.91	5.91	14.84	-0.01	-0.28	-2.01	-0.50	-1.78	0.58
842	1	1026	9.68	7.33	2.03	2.31	7.05	1.19	0.52	-0.52	1.62e-03	-4.55e-03	0.52
		1028	6.54	2.32	0.05	0.72	1.66	1.03	0.44	-0.45	-3.02e-05	-6.83e-03	0.44
		1027	19.03	3.92	-2.85	-1.09	2.16	2.97	2.52	0.36	0.55	2.33	0.61
		1025	22.22	8.96	-0.70	0.84	7.42	3.53	2.25	0.20	0.48	1.97	0.70
842	2	1026	35.69	31.38	9.51	9.77	31.12	-2.37	1.80	-1.79	-1.08e-03	0.01	1.79
		1028	28.84	24.94	7.74	7.82	24.86	-1.21	1.60	-1.60	-5.56e-03	9.88e-03	1.60
		1027	55.99	24.35	8.13	8.26	24.23	1.44	-1.77	-6.78	-2.25	-6.30	1.48
		1025	58.20	29.96	11.22	11.28	29.90	1.09	-1.30	-6.27	-1.87	-5.71	1.58
842	3	1026	5.60	5.31	1.69	1.69	5.31	0.06	0.28	-0.28	4.45e-04	-6.24e-04	0.28
		1028	3.95	3.18	1.04	1.05	3.17	0.12	0.25	-0.25	-4.22e-04	-1.33e-03	0.25
		1027	6.61	3.53	0.30	0.58	3.25	0.91	0.48	-0.16	0.02	0.30	0.29
		1025	8.01	5.57	1.13	1.39	5.31	1.04	0.47	-0.21	0.03	0.24	0.32
842	4	1026	13.96	12.56	3.78	3.90	12.44	-0.99	0.66	-0.66	-3.55e-04	3.77e-03	0.66
		1028	11.35	10.08	3.11	3.15	10.04	-0.54	0.59	-0.59	-2.06e-03	3.62e-03	0.59
		1027	21.05	9.82	3.32	3.35	9.79	0.46	-0.63	-2.44	-0.81	-2.25	0.55
		1025	21.95	11.98	4.47	4.49	11.97	0.32	-0.45	-2.25	-0.67	-2.04	0.58
843	1	1028	6.55	2.31	0.05	0.72	1.65	1.03	0.44	-0.45	1.58e-03	-6.64e-03	0.44
		1030	5.67	-0.28	-3.00	-0.56	-2.71	0.83	0.35	-0.35	3.06e-04	-8.05e-03	0.35
		1029	15.94	-0.08	-4.70	-2.62	-2.16	2.30	2.74	0.50	0.61	2.63	0.48
		1027	18.98	3.90	-2.85	-1.10	2.14	2.96	2.52	0.36	0.55	2.34	0.60
843	2	1028	28.98	24.97	7.75	7.84	24.88	-1.22	1.62	-1.61	-2.77e-03	0.01	1.62
		1030	22.95	20.27	6.38	6.40	20.25	-0.52	1.30	-1.30	-7.04e-03	0.01	1.30
		1029	54.36	20.20	5.81	5.94	20.06	1.40	-2.24	-7.11	-2.56	-6.78	1.22
		1027	55.89	24.37	8.12	8.25	24.24	1.44	-1.80	-6.75	-2.26	-6.30	1.43
843	3	1028	3.95	3.17	1.04	1.05	3.17	0.12	0.25	-0.25	2.88e-04	-1.16e-03	0.25
		1030	2.64	1.49	0.53	0.55	1.47	0.14	0.20	-0.20	-4.27e-04	-1.56e-03	0.20
		1029	5.24	1.88	-0.33	-0.05	1.60	0.73	0.47	-0.10	0.01	0.36	0.23
		1027	6.57	3.53	0.30	0.58	3.24	0.91	0.48	-0.16	0.02	0.30	0.28
843	4	1028	11.40	10.09	3.11	3.16	10.05	-0.55	0.60	-0.60	-1.00e-03	4.15e-03	0.60
		1030	9.11	8.29	2.60	2.61	8.28	-0.26	0.48	-0.48	-2.60e-03	4.22e-03	0.48
		1029	20.38	8.22	2.44	2.48	8.18	0.46	-0.80	-2.56	-0.93	-2.43	0.45
		1027	21.01	9.82	3.31	3.35	9.79	0.46	-0.64	-2.43	-0.81	-2.25	0.53
844	1	1030	5.69	-0.28	-3.01	-0.56	-2.73	0.83	0.35	-0.36	1.58e-03	-8.39e-03	0.35
		1032	6.46	-1.41	-5.99	-1.49	-5.91	0.61	0.24	-0.25	5.41e-04	-8.93e-03	0.24
		1031	19.81	-2.74	-6.31	-3.71	-5.34	1.59	2.91	0.60	0.65	2.86	0.34
		1029	15.89	-0.09	-4.71	-2.62	-2.18	2.30	2.74	0.50	0.61	2.63	0.47
844	2	1030	23.08	20.29	6.39	6.41	20.27	-0.53	1.32	-1.31	-4.75e-03	0.01	1.32
		1032	17.93	17.08	5.43	5.43	17.08	-0.16	0.92	-0.91	-7.98e-03	0.01	0.91
		1031	53.26	17.29	4.24	4.33	17.20	1.09	-2.62	-7.31	-2.79	-7.14	0.87
		1029	54.27	20.21	5.80	5.94	20.07	1.40	-2.27	-7.08	-2.57	-6.78	1.16
844	3	1030	2.65	1.49	0.53	0.55	1.47	0.13	0.20	-0.20	1.32e-04	-1.59e-03	0.20
		1032	1.67	0.34	0.09	0.19	0.25	0.12	0.14	-0.14	-4.24e-04	-1.74e-03	0.14
		1031	3.98	0.64	-0.74	-0.51	0.40	0.51	0.46	-0.05	0.01	0.40	0.16
		1029	5.20	1.87	-0.33	-0.06	1.60	0.73	0.47	-0.10	0.01	0.36	0.23
844	4	1030	9.16	8.30	2.60	2.61	8.28	-0.27	0.49	-0.49	-1.74e-03	4.56e-03	0.49
		1032	7.24	7.07	2.23	2.24	7.06	-0.11	0.34	-0.34	-2.95e-03	4.62e-03	0.34
		1031	19.93	7.11	1.85	1.87	7.08	0.37	-0.94	-2.63	-1.01	-2.57	0.32
		1029	20.35	8.23	2.44	2.48	8.19	0.46	-0.81	-2.55	-0.93	-2.43	0.43
845	1	1032	6.49	-1.41	-6.00	-1.49	-5.92	0.61	0.24	-0.25	1.48e-03	-9.48e-03	0.25
		1034	7.31	-2.00	-7.79	-2.03	-7.76	0.39	0.12	-0.13	8.22e-04	-9.62e-03	0.13
		1033	22.16	-4.12	-7.42	-4.36	-7.18	0.87	3.01	0.66	0.68	2.99	0.18
		1031	19.83	-2.74	-6.32	-3.71	-5.35	1.59	2.90	0.60	0.65	2.86	0.33
845	2	1032	18.04	17.09	5.43	5.44	17.09	-0.17	0.93	-0.93	-6.40e-03	0.01	0.93
		1034	14.38	15.22	4.86	4.86	15.22	-0.02	0.47	-0.46	-8.36e-03	0.01	0.47



		1033	52.62	15.55	3.34	3.37	15.52	0.59	-2.88	-7.41	-2.92	-7.37	0.46
		1031	53.20	17.30	4.23	4.32	17.21	1.09	-2.64	-7.29	-2.79	-7.14	0.81
845	3	1032	1.69	0.34	0.09	0.19	0.25	0.12	0.14	-0.14	-2.09e-05	-1.86e-03	0.14
		1034	1.01	-6.97e-03	-0.48	-0.02	-0.46	0.09	0.07	-0.07	-3.67e-04	-1.89e-03	0.07
		1033	3.01	-0.16	-0.90	-0.78	-0.29	0.28	0.44	-8.33e-03	8.75e-03	0.42	0.09
		1031	3.95	0.63	-0.74	-0.51	0.40	0.51	0.45	-0.05	0.01	0.40	0.16
845	4	1032	7.27	7.07	2.23	2.24	7.07	-0.11	0.34	-0.34	-2.36e-03	4.83e-03	0.34
		1034	5.91	6.35	2.02	2.02	6.35	-0.03	0.17	-0.17	-3.09e-03	4.86e-03	0.17
		1033	19.66	6.44	1.51	1.52	6.44	0.20	-1.04	-2.67	-1.06	-2.65	0.17
		1031	19.90	7.11	1.85	1.87	7.08	0.37	-0.95	-2.62	-1.01	-2.57	0.30
846	1	1034	7.32	-2.01	-7.80	-2.03	-7.77	0.39	0.12	-0.13	1.26e-03	-9.86e-03	0.13
		1036	7.42	-2.16	-8.20	-2.16	-8.20	0.15	2.65e-03	-0.01	1.15e-03	-0.01	4.39e-03
		1035	22.73	-4.59	-7.57	-4.59	-7.56	0.12	3.04	0.68	0.68	3.04	8.56e-03
		1033	22.17	-4.12	-7.43	-4.36	-7.18	0.87	3.01	0.66	0.68	2.99	0.17
846	2	1034	14.44	15.22	4.86	4.86	15.22	-0.03	0.49	-0.48	-7.56e-03	0.01	0.48
		1036	13.01	14.61	4.67	4.67	14.61	4.66e-03	0.02	-0.01	-8.21e-03	0.01	-8.45e-03
		1035	52.40	14.97	3.06	3.06	14.97	7.53e-04	-2.97	-7.44	-2.97	-7.44	0.03
		1033	52.58	15.55	3.34	3.37	15.52	0.59	-2.89	-7.40	-2.92	-7.37	0.41
846	3	1034	1.03	-6.93e-03	-0.48	-0.02	-0.46	0.09	0.07	-0.07	-1.77e-04	-1.94e-03	0.07
		1036	0.62	-0.08	-0.64	-0.08	-0.64	0.04	7.01e-05	-2.35e-03	-2.60e-04	-2.02e-03	8.30e-04
		1035	2.69	-0.45	-0.87	-0.87	-0.45	0.03	0.43	7.55e-03	7.59e-03	0.43	4.20e-03
		1033	2.99	-0.16	-0.91	-0.78	-0.29	0.28	0.44	-6.41e-03	8.66e-03	0.42	0.08
846	4	1034	5.93	6.35	2.02	2.02	6.35	-0.04	0.18	-0.18	-2.79e-03	4.97e-03	0.18
		1036	5.44	6.12	1.94	1.94	6.12	1.71e-03	5.96e-03	-4.02e-03	-3.03e-03	4.97e-03	-2.97e-03
		1035	19.57	6.22	1.40	1.40	6.22	2.67e-04	-1.08	-2.68	-1.08	-2.68	9.93e-03
		1033	19.65	6.44	1.51	1.52	6.44	0.20	-1.04	-2.66	-1.06	-2.65	0.15
847	1	1036	7.42	-2.16	-8.19	-2.16	-8.19	0.15	3.81e-03	-0.01	9.68e-04	-9.78e-03	6.21e-03
		1038	6.71	-1.88	-7.21	-1.88	-7.21	-0.15	0.11	-0.12	1.40e-03	-0.01	-0.12
		1037	21.51	-4.20	-6.70	-4.40	-6.50	-0.69	3.00	0.66	0.67	2.99	-0.16
		1035	22.72	-4.59	-7.56	-4.60	-7.56	0.12	3.04	0.68	0.68	3.04	1.67e-03
847	2	1036	13.01	14.61	4.67	4.67	14.61	-4.66e-03	0.02	-0.01	-8.21e-03	0.01	8.45e-03
		1038	14.44	15.22	4.86	4.86	15.22	0.03	0.49	-0.48	-7.56e-03	0.01	-0.48
		1037	52.58	15.55	3.34	3.37	15.52	-0.59	-2.89	-7.40	-2.92	-7.37	-0.41
		1035	52.40	14.97	3.06	3.06	14.97	-7.56e-04	-2.97	-7.44	-2.97	-7.44	-0.03
847	3	1036	0.62	-0.08	-0.64	-0.08	-0.64	0.04	1.33e-03	-3.56e-03	-3.12e-04	-1.92e-03	2.31e-03
		1038	0.83	0.02	-0.30	0.02	-0.29	-0.02	0.07	-0.07	-1.35e-04	-2.03e-03	-0.07
		1037	3.12	-0.02	-0.86	-0.79	-0.09	-0.23	0.44	-6.83e-03	7.25e-03	0.42	-0.08
		1035	2.69	-0.45	-0.87	-0.87	-0.45	0.04	0.43	7.62e-03	7.62e-03	0.43	-1.17e-03
847	4	1036	5.44	6.12	1.94	1.94	6.12	-1.72e-03	5.96e-03	-4.02e-03	-3.03e-03	4.97e-03	2.97e-03
		1038	5.93	6.35	2.02	2.02	6.35	0.04	0.18	-0.18	-2.79e-03	4.97e-03	-0.18
		1037	19.65	6.44	1.51	1.52	6.44	-0.20	-1.04	-2.66	-1.06	-2.65	-0.15
		1035	19.57	6.22	1.40	1.40	6.22	-2.69e-04	-1.08	-2.68	-1.08	-2.68	-9.93e-03
848	1	1038	6.69	-1.87	-7.20	-1.88	-7.20	-0.15	0.11	-0.12	7.39e-04	-9.51e-03	-0.12
		1040	5.61	-1.15	-4.98	-1.22	-4.91	-0.51	0.24	-0.24	1.49e-03	-9.49e-03	-0.24
		1039	18.65	-2.38	-5.51	-3.76	-4.13	-1.55	2.90	0.60	0.64	2.85	-0.32
		1037	21.49	-4.20	-6.69	-4.40	-6.48	-0.69	3.00	0.66	0.67	2.99	-0.17
848	2	1038	14.38	15.22	4.86	4.86	15.22	0.02	0.47	-0.46	-8.36e-03	0.01	-0.47
		1040	18.04	17.09	5.43	5.44	17.09	0.17	0.93	-0.93	-6.40e-03	0.01	-0.93
		1039	53.20	17.30	4.23	4.32	17.21	-1.09	-2.64	-7.29	-2.79	-7.14	-0.81
		1037	52.62	15.55	3.34	3.37	15.52	-0.59	-2.88	-7.41	-2.92	-7.37	-0.46
848	3	1038	0.81	0.02	-0.29	0.02	-0.29	-0.02	0.07	-0.07	-3.92e-04	-1.86e-03	-0.07
		1040	1.67	0.57	0.24	0.27	0.55	-0.09	0.14	-0.14	-1.89e-05	-1.86e-03	-0.14
		1039	4.21	0.94	-0.69	-0.52	0.76	-0.50	0.45	-0.05	7.97e-03	0.40	-0.16
		1037	3.15	-0.02	-0.86	-0.79	-0.08	-0.23	0.44	-8.70e-03	7.36e-03	0.42	-0.08
848	4	1038	5.91	6.35	2.02	2.02	6.35	0.03	0.17	-0.17	-3.09e-03	4.86e-03	-0.17
		1040	7.27	7.07	2.23	2.24	7.07	0.11	0.34	-0.34	-2.36e-03	4.83e-03	-0.34
		1039	19.90	7.11	1.85	1.87	7.08	-0.37	-0.95	-2.62	-1.01	-2.57	-0.30
		1037	19.66	6.44	1.51	1.52	6.44	-0.20	-1.04	-2.67	-1.06	-2.65	-0.17
849	1	1040	5.58	-1.15	-4.97	-1.22	-4.90	-0.51	0.23	-0.24	5.83e-04	-8.99e-03	-0.24
		1042	5.42	0.26	-1.96	-0.22	-1.48	-0.92	0.35	-0.35	1.47e-03	-8.12e-03	-0.35
		1041	17.25	0.96	-4.29	-2.64	-0.69	-2.44	2.73	0.49	0.59	2.63	-0.47
		1039	18.63	-2.37	-5.50	-3.76	-4.11	-1.55	2.90	0.59	0.64	2.85	-0.33
849	2	1040	17.93	17.08	5.43	5.43	17.08	0.16	0.92	-0.91	-7.98e-03	0.01	-0.91
		1042	23.08	20.29	6.39	6.41	20.27	0.53	1.32	-1.31	-4.75e-03	0.01	-1.32
		1041	54.27	20.21	5.80	5.94	20.07	-1.40	-2.27	-7.08	-2.57	-6.78	-1.16
		1039	53.26	17.29	4.24	4.33	17.20	-1.09	-2.62	-7.31	-2.79	-7.14	-0.87
849	3	1040	1.65	0.58	0.24	0.27	0.55	-0.09	0.14	-0.14	-4.11e-04	-1.76e-03	-0.14
		1042	2.86	1.86	0.62	0.65	1.84	-0.16	0.20	-0.20	1.01e-04	-1.51e-03	-0.20
		1041	5.56	2.29	-0.31	-0.06	2.04	-0.77	0.47	-0.10	0.01	0.36	-0.23
		1039	4.25	0.94	-0.69	-0.52	0.77	-0.50	0.45	-0.05	8.13e-03	0.40	-0.16
849	4	1040	7.24	7.07	2.23	2.24	7.06	0.11	0.34	-0.34	-2.95e-03	4.62e-03	-0.34
		1042	9.16	8.30	2.60	2.61	8.28	0.27	0.49	-0.49	-1.74e-03	4.56e-03	-0.49
		1041	20.35	8.23	2.44	2.48	8.19	-0.46	-0.81	-2.55	-0.93	-2.43	-0.43
		1039	19.93	7.11	1.85	1.87	7.08	-0.37	-0.94	-2.63	-1.01	-2.57	-0.32
850	1	1042	5.41	0.27	-1.95	-0.22	-1.46	-0.92	0.35	-0.35	3.92e-04	-8.08e-03	-0.35
		1044	7.38	3.59	0.38	1.06	2.91	-1.31	0.45	-0.45	1.45e-03	-6.36e-03	-0.45
		1043	20.45	5.29	-2.74	-1.05	3.61	-3.27	2.51	0.35	0.53	2.33	-0.61



		1041	17.30	0.98	-4.28	-2.63	-0.68	-2.44	2.73	0.49	0.59	2.62	-0.48
850	2	1042	22.95	20.27	6.38	6.40	20.25	0.52	1.30	-1.30	-7.04e-03	0.01	-1.30
		1044	28.98	24.97	7.75	7.84	24.88	1.22	1.62	-1.61	-2.77e-03	0.01	-1.62
		1043	55.89	24.37	8.12	8.25	24.24	-1.44	-1.80	-6.75	-2.26	-6.30	-1.43
		1041	54.36	20.20	5.81	5.94	20.06	-1.40	-2.24	-7.11	-2.56	-6.78	-1.22
850	3	1042	2.85	1.87	0.62	0.65	1.84	-0.16	0.20	-0.20	-4.01e-04	-1.57e-03	-0.20
		1044	4.31	3.56	1.13	1.15	3.54	-0.20	0.25	-0.25	2.48e-04	-1.08e-03	-0.25
		1043	6.99	3.98	0.30	0.59	3.68	-1.00	0.48	-0.16	0.02	0.30	-0.28
		1041	5.61	2.29	-0.31	-0.06	2.04	-0.77	0.47	-0.11	0.01	0.36	-0.23
850	4	1042	9.11	8.29	2.60	2.61	8.28	0.26	0.48	-0.48	-2.60e-03	4.22e-03	-0.48
		1044	11.40	10.09	3.11	3.16	10.05	0.55	0.60	-0.60	-1.00e-03	4.15e-03	-0.60
		1043	21.01	9.82	3.31	3.35	9.79	-0.46	-0.64	-2.43	-0.81	-2.25	-0.53
		1041	20.38	8.22	2.44	2.48	8.18	-0.46	-0.80	-2.56	-0.93	-2.43	-0.45
851	1	1044	7.37	3.60	0.38	1.06	2.92	-1.32	0.44	-0.45	3.56e-05	-6.80e-03	-0.45
		1046	10.95	8.55	2.15	2.60	8.11	-1.63	0.53	-0.53	1.50e-03	-4.41e-03	-0.53
		1045	23.59	10.29	-0.73	0.94	8.61	-3.95	2.25	0.18	0.47	1.96	-0.71
		1043	20.50	5.30	-2.73	-1.04	3.61	-3.27	2.52	0.34	0.54	2.32	-0.61
851	2	1044	28.84	24.94	7.74	7.82	24.86	1.21	1.60	-1.60	-5.56e-03	9.88e-03	-1.60
		1046	35.69	31.38	9.51	9.77	31.12	2.37	1.80	-1.79	-1.08e-03	0.01	-1.79
		1045	58.20	29.96	11.22	11.28	29.90	-1.09	-1.30	-6.27	-1.87	-5.71	-1.58
		1043	55.99	24.35	8.13	8.26	24.23	-1.44	-1.77	-6.78	-2.25	-6.30	-1.48
851	3	1044	4.30	3.56	1.13	1.15	3.54	-0.21	0.25	-0.25	-4.03e-04	-1.32e-03	-0.25
		1046	5.98	5.63	1.76	1.77	5.62	-0.19	0.29	-0.29	4.08e-04	-5.85e-04	-0.29
		1045	8.42	5.96	1.12	1.42	5.66	-1.17	0.47	-0.21	0.02	0.24	-0.33
		1043	7.03	3.98	0.30	0.60	3.68	-1.00	0.48	-0.17	0.02	0.30	-0.29
851	4	1044	11.35	10.08	3.11	3.15	10.04	0.54	0.59	-0.59	-2.06e-03	3.62e-03	-0.59
		1046	13.96	12.56	3.78	3.90	12.44	0.99	0.66	-0.66	-3.55e-04	3.77e-03	-0.66
		1045	21.95	11.98	4.47	4.49	11.97	-0.32	-0.45	-2.25	-0.67	-2.04	-0.58
		1043	21.05	9.82	3.32	3.35	9.79	-0.46	-0.63	-2.44	-0.81	-2.25	-0.55
852	1	1046	10.94	8.55	2.14	2.59	8.10	-1.63	0.52	-0.53	-6.65e-04	-5.18e-03	-0.52
		1048	15.45	14.37	4.04	4.37	14.05	-1.81	0.58	-0.58	1.55e-03	-2.22e-03	-0.58
		1047	26.58	15.84	1.68	3.23	14.30	-4.41	1.95	5.91e-04	0.39	1.56	-0.78
		1045	23.63	10.29	-0.72	0.96	8.62	-3.96	2.25	0.18	0.47	1.96	-0.72
852	2	1046	35.53	31.34	9.49	9.74	31.08	2.36	1.78	-1.77	-3.99e-03	8.26e-03	-1.77
		1048	43.47	39.92	11.70	12.30	39.32	4.07	1.84	-1.83	-1.65e-03	0.01	-1.83
		1047	61.47	37.38	15.06	15.06	37.37	-0.23	-0.83	-5.62	-1.42	-5.02	-1.58
		1045	58.32	29.94	11.24	11.31	29.88	-1.09	-1.26	-6.31	-1.86	-5.71	-1.63
852	3	1046	5.97	5.63	1.76	1.77	5.62	-0.20	0.28	-0.29	-5.06e-04	-9.66e-04	-0.29
		1048	7.91	8.10	2.51	2.52	8.09	-0.10	0.31	-0.30	4.39e-04	1.50e-04	-0.30
		1047	9.86	8.26	2.14	2.40	8.01	-1.23	0.45	-0.25	0.04	0.17	-0.35
		1045	8.45	5.96	1.13	1.43	5.66	-1.17	0.48	-0.22	0.02	0.24	-0.33
852	4	1046	13.91	12.54	3.77	3.89	12.43	0.99	0.66	-0.65	-1.49e-03	3.02e-03	-0.66
		1048	16.95	15.83	4.62	4.87	15.58	1.64	0.68	-0.67	-5.11e-04	4.37e-03	-0.68
		1047	23.27	14.84	5.91	5.91	14.84	0.01	-0.28	-2.01	-0.50	-1.78	-0.58
		1045	22.00	11.97	4.48	4.50	11.96	-0.32	-0.44	-2.26	-0.67	-2.04	-0.60
853	1	1048	15.42	14.35	4.03	4.36	14.03	-1.81	0.58	-0.58	-2.54e-03	-2.29e-03	-0.58
		1050	20.77	21.03	6.17	6.40	20.80	-1.82	0.61	-0.61	1.33e-03	1.20e-03	-0.61
		1049	29.62	22.05	4.34	5.62	20.77	-4.59	1.63	-0.19	0.31	1.13	-0.81
		1047	26.59	15.84	1.71	3.26	14.29	-4.41	1.95	-3.75e-03	0.40	1.55	-0.79
853	2	1048	43.26	39.84	11.66	12.26	39.24	4.07	1.81	-1.81	-5.44e-03	0.01	-1.81
		1050	52.94	51.19	14.45	15.59	50.05	6.37	1.75	-1.73	-8.22e-03	0.03	-1.74
		1049	65.96	47.30	19.36	19.42	47.24	1.31	-0.44	-4.73	-0.95	-4.22	-1.39
		1047	61.64	37.34	15.12	15.12	37.33	-0.23	-0.79	-5.66	-1.41	-5.03	-1.63
853	3	1048	7.90	8.08	2.51	2.51	8.08	-0.10	0.30	-0.30	-1.20e-03	6.03e-05	-0.30
		1050	10.32	11.03	3.40	3.40	11.03	0.08	0.31	-0.31	5.55e-05	2.21e-03	-0.31
		1049	11.47	10.97	3.27	3.45	10.80	-1.16	0.41	-0.27	0.05	0.10	-0.34
		1047	9.87	8.26	2.16	2.41	8.00	-1.23	0.46	-0.26	0.04	0.16	-0.35
853	4	1048	16.87	15.80	4.61	4.85	15.55	1.64	0.67	-0.67	-2.06e-03	3.91e-03	-0.67
		1050	20.59	20.14	5.68	6.13	19.69	2.51	0.65	-0.64	-2.77e-03	0.01	-0.64
		1049	25.08	18.67	7.51	7.54	18.64	0.59	-0.14	-1.68	-0.33	-1.49	-0.51
		1047	23.33	14.83	5.93	5.93	14.83	0.01	-0.26	-2.03	-0.50	-1.79	-0.60
854	1	1050	20.73	20.95	6.14	6.37	20.72	-1.82	0.61	-0.61	-0.01	7.93e-03	-0.61
		1052	27.37	28.89	8.62	8.77	28.74	-1.77	0.65	-0.64	3.37e-03	0.01	-0.64
		1051	33.42	29.28	6.82	7.72	28.38	-4.41	1.31	-0.36	0.21	0.75	-0.79
		1049	29.53	22.05	4.40	5.69	20.76	-4.59	1.62	-0.19	0.32	1.11	-0.82
854	2	1050	52.57	50.99	14.37	15.51	49.84	6.37	1.72	-1.71	-0.02	0.04	-1.72
		1052	65.27	66.19	18.11	19.85	64.45	9.00	1.69	-1.59	-9.55e-03	0.11	-1.64
		1051	71.61	61.03	23.20	23.61	60.62	3.92	-0.18	-3.38	-0.50	-3.06	-0.96
		1049	66.33	47.26	19.55	19.61	47.20	1.30	-0.43	-4.81	-0.96	-4.28	-1.43
854	3	1050	10.25	10.98	3.39	3.39	10.98	0.08	0.30	-0.30	-4.96e-03	5.24e-03	-0.30
		1052	13.44	14.64	4.47	4.48	14.64	0.30	0.31	-0.30	1.04e-03	0.01	-0.31
		1051	13.76	14.32	4.31	4.39	14.24	-0.90	0.36	-0.25	0.05	0.06	-0.30
		1049	11.44	10.97	3.31	3.49	10.79	-1.16	0.41	-0.28	0.05	0.09	-0.35
854	4	1050	20.45	20.06	5.65	6.10	19.61	2.51	0.64	-0.63	-9.29e-03	0.01	-0.63
		1052	25.32	25.89	7.10	7.77	25.22	3.49	0.62	-0.58	-2.79e-03	0.04	-0.60
		1051	27.38	23.95	8.93	9.10	23.79	1.57	-0.04	-1.19	-0.16	-1.07	-0.35
		1049	25.21	18.66	7.58	7.61	18.62	0.59	-0.13	-1.71	-0.33	-1.51	-0.53



855	1	1052	27.28	28.49	8.51	8.67	28.33	-1.78	0.66	-0.65	-0.04	0.04	-0.65
		1054	36.89	39.50	11.56	11.71	39.35	-2.06	0.75	-0.66	0.04	0.05	-0.71
		1053	39.90	38.21	7.93	8.30	37.84	-3.31	1.12	-0.40	0.14	0.59	-0.72
		1051	33.21	29.45	7.05	7.98	28.52	-4.47	1.27	-0.37	0.20	0.69	-0.78
855	2	1052	64.46	65.39	17.85	19.63	63.62	9.02	1.72	-1.64	-0.09	0.17	-1.68
		1054	82.03	87.58	23.60	25.46	85.73	10.73	1.78	-1.29	0.14	0.35	-1.53
		1053	78.42	80.99	23.05	24.49	79.54	9.03	0.61	-0.89	0.54	-0.82	-0.31
		1051	72.40	61.27	23.90	24.29	60.87	3.81	-0.30	-3.54	-0.63	-3.21	-0.98
855	3	1052	13.26	14.45	4.43	4.43	14.44	0.30	0.31	-0.31	-0.02	0.02	-0.31
		1054	17.88	19.68	5.85	5.86	19.67	0.33	0.34	-0.28	0.02	0.04	-0.31
		1053	17.92	18.73	4.59	4.59	18.72	-0.17	0.37	-0.11	0.10	0.17	-0.24
		1051	13.66	14.39	4.44	4.53	14.30	-0.93	0.34	-0.26	0.04	0.04	-0.30
855	4	1052	25.00	25.58	7.00	7.68	24.89	3.50	0.63	-0.60	-0.04	0.06	-0.61
		1054	31.79	34.11	9.23	9.93	33.41	4.12	0.65	-0.47	0.06	0.13	-0.56
		1053	30.26	31.63	8.84	9.39	31.08	3.49	0.24	-0.28	0.22	-0.25	-0.11
		1051	27.67	24.04	9.20	9.36	23.89	1.52	-0.08	-1.25	-0.21	-1.12	-0.36
856	1	1054	33.24	35.49	11.46	11.69	35.26	-2.33	0.72	-0.80	-0.06	-0.03	-0.76
		191	61.66	65.12	15.16	15.38	64.90	-3.30	0.81	-0.23	0.20	0.39	-0.51
		225	45.81	45.68	2.64	3.14	45.18	4.63	1.38	0.09	0.97	0.50	-0.60
		1053	44.14	41.69	8.25	8.94	41.01	-4.73	1.19	-0.47	0.07	0.65	-0.78
856	2	1054	76.75	79.04	23.46	25.39	77.11	10.19	1.93	-1.85	-0.07	0.15	-1.88
		191	134.10	140.06	31.93	32.83	139.16	9.80	1.63	0.51	0.83	1.31	0.51
		225	112.17	103.86	3.04	11.84	95.06	28.45	7.25	2.34	7.07	2.52	0.93
		1053	81.80	86.97	25.34	25.93	86.38	6.01	0.26	-0.97	-0.10	-0.62	-0.56
856	3	1054	16.11	17.68	5.84	5.85	17.68	0.20	0.33	-0.37	-0.03	-7.44e-03	-0.35
		191	30.18	32.08	7.61	7.61	32.07	-0.17	0.30	0.05	0.12	0.23	-0.11
		225	23.13	23.02	1.17	1.88	22.31	3.89	0.81	0.32	0.78	0.35	-0.10
		1053	19.92	20.32	4.86	4.91	20.27	-0.87	0.41	-0.16	0.04	0.21	-0.27
856	4	1054	29.70	30.81	9.17	9.91	30.07	3.91	0.69	-0.68	-0.03	0.05	-0.69
		191	52.04	54.41	12.45	12.78	54.08	3.71	0.62	0.20	0.31	0.50	0.19
		225	43.40	40.42	1.13	4.46	37.09	10.95	2.66	0.87	2.59	0.95	0.35
		1053	31.56	33.94	9.72	9.94	33.71	2.32	0.13	-0.31	-5.57e-03	-0.17	-0.20
857	1	127	51.98	49.51	5.62	5.95	49.17	-3.80	1.93	0.50	1.10	1.32	0.71
		1017	41.37	40.06	6.68	6.82	39.93	2.08	0.84	-0.31	-0.04	0.57	0.49
		1055	41.56	35.20	8.73	9.06	34.87	2.94	2.17	-0.53	0.51	1.13	1.31
		102	40.24	39.41	11.48	11.86	39.04	-3.21	1.11	-0.84	0.60	-0.33	0.86
857	2	127	126.40	107.89	8.12	15.56	100.46	-26.21	8.38	4.70	8.05	5.03	-1.05
		1017	79.62	83.39	20.25	22.60	81.04	-11.96	-0.31	-1.17	-0.45	-1.03	-0.32
		1055	74.17	66.94	33.37	34.26	66.05	-5.38	3.65	1.67	2.68	2.64	-0.99
		102	97.68	89.26	30.96	49.39	70.84	-27.11	5.93	0.41	5.77	0.57	-0.93
857	3	127	25.92	24.49	2.57	3.12	23.94	-3.43	0.99	0.70	0.91	0.79	0.13
		1017	18.73	19.49	3.96	3.97	19.47	-0.43	0.21	-0.09	-0.02	0.15	0.12
		1055	17.75	16.72	5.42	5.43	16.72	0.22	0.77	0.10	0.35	0.52	0.33
		102	18.86	19.38	6.39	7.34	18.43	-3.38	0.65	-0.10	0.60	-0.05	0.18
857	4	127	48.73	41.95	3.15	5.96	39.14	-10.07	3.09	1.77	2.96	1.89	-0.39
		1017	30.76	32.54	7.76	8.65	31.66	-4.59	-0.09	-0.38	-0.14	-0.33	-0.12
		1055	28.69	26.33	12.52	12.89	25.95	-2.25	1.34	0.62	0.99	0.97	-0.36
		102	37.25	34.62	11.69	18.46	27.85	-10.46	2.20	0.15	2.13	0.21	-0.35
858	1	1017	40.10	39.84	7.87	8.02	39.69	2.21	0.90	-0.28	0.14	0.48	0.57
		1019	33.03	29.46	6.67	7.39	28.74	3.99	1.24	-0.32	0.21	0.71	0.74
		1056	47.40	29.55	4.44	6.08	27.91	6.21	3.54	0.19	0.93	2.79	1.40
		1055	42.73	34.50	7.77	8.15	34.11	3.20	2.48	-0.22	0.78	1.48	1.30
858	2	1017	80.07	82.46	22.81	24.95	80.32	-11.10	0.63	-1.13	0.59	-1.09	-0.27
		1019	72.16	60.48	23.09	23.50	60.07	-3.92	-0.34	-3.54	-0.55	-3.33	0.79
		1056	67.71	56.22	23.72	23.81	56.12	1.76	3.66	2.58	2.59	3.65	0.09
		1055	75.80	65.88	30.30	31.30	64.88	-5.89	4.15	2.81	3.71	3.25	-0.63
858	3	1017	18.05	19.35	4.53	4.53	19.34	-0.33	0.26	-0.04	0.11	0.12	0.15
		1019	13.52	14.36	4.22	4.28	14.30	0.78	0.32	-0.24	0.05	0.03	0.28
		1056	19.41	14.05	3.49	3.81	13.73	1.82	1.30	0.25	0.47	1.09	0.42
		1055	18.27	16.39	4.92	4.93	16.38	0.27	0.94	0.23	0.50	0.67	0.35
858	4	1017	30.90	32.19	8.74	9.55	31.38	-4.27	0.26	-0.36	0.24	-0.35	-0.10
		1019	27.58	23.75	8.89	9.05	23.58	-1.56	-0.10	-1.25	-0.18	-1.16	0.29
		1056	26.13	22.11	9.05	9.07	22.09	0.50	1.34	0.95	0.96	1.34	0.03
		1055	29.26	25.92	11.37	11.79	25.50	-2.42	1.52	1.04	1.37	1.19	-0.22
859	1	1019	33.12	29.73	6.73	7.38	29.08	3.79	1.23	-0.32	0.21	0.70	0.74
		1021	28.93	21.63	4.34	5.39	20.58	4.12	1.61	-0.16	0.32	1.13	0.79
		1057	47.75	23.14	0.72	3.35	20.51	7.22	4.40	0.50	1.10	3.80	1.41
		1056	47.09	29.12	4.29	5.98	27.42	6.26	3.56	0.23	0.98	2.81	1.39
859	2	1019	72.83	61.37	23.00	23.52	60.85	-4.41	-0.27	-3.49	-0.49	-3.27	0.81
		1021	66.01	47.11	19.31	19.36	47.05	-1.22	-0.44	-4.75	-0.91	-4.28	1.35
		1057	54.19	45.89	16.91	17.69	45.10	4.70	2.81	1.32	1.60	2.53	0.58
		1056	66.64	55.15	23.41	23.52	55.04	1.87	3.63	2.77	2.78	3.62	0.09
859	3	1019	13.62	14.51	4.23	4.27	14.47	0.68	0.32	-0.23	0.05	0.03	0.28
		1021	11.25	10.87	3.23	3.37	10.73	1.03	0.40	-0.26	0.05	0.09	0.33
		1057	18.66	11.20	1.93	2.58	10.54	2.37	1.51	0.24	0.44	1.31	0.46
		1056	19.22	13.83	3.43	3.76	13.49	1.84	1.31	0.27	0.49	1.09	0.42
859	4	1019	27.84	24.09	8.85	9.06	23.88	-1.75	-0.07	-1.23	-0.16	-1.14	0.30



		1021	25.09	18.60	7.48	7.51	18.57	-0.56	-0.13	-1.69	-0.31	-1.51	0.50
		1057	20.93	18.07	6.60	6.83	17.83	1.63	1.03	0.48	0.59	0.93	0.22
		1056	25.72	21.70	8.94	8.96	21.68	0.54	1.33	1.02	1.03	1.33	0.04
860	1	1021	28.95	21.70	4.36	5.37	20.69	4.06	1.61	-0.16	0.32	1.13	0.79
		1023	25.40	14.86	1.75	3.05	13.56	3.92	1.94	0.03	0.40	1.56	0.76
		1058	47.22	17.09	-2.80	0.27	14.02	7.19	5.19	0.78	1.24	4.72	1.35
		1057	47.69	23.06	0.62	3.28	20.40	7.25	4.40	0.51	1.11	3.80	1.40
860	2	1021	66.33	47.40	19.30	19.36	47.33	-1.39	-0.45	-4.77	-0.95	-4.27	1.38
		1023	61.29	37.29	15.01	15.02	37.29	0.32	-0.83	-5.60	-1.40	-5.02	1.55
		1058	41.82	37.74	11.23	12.50	36.47	5.66	1.69	-3.54e-03	0.59	1.09	0.81
		1057	53.76	45.66	16.74	17.56	44.84	4.80	2.77	1.40	1.66	2.51	0.54
860	3	1021	11.28	10.91	3.24	3.37	10.78	0.99	0.40	-0.26	0.05	0.09	0.33
		1023	9.50	7.99	2.13	2.34	7.78	1.09	0.45	-0.24	0.04	0.17	0.34
		1058	17.66	8.66	0.48	1.30	7.84	2.46	1.65	0.24	0.41	1.47	0.46
		1057	18.60	11.15	1.89	2.55	10.49	2.39	1.50	0.25	0.45	1.30	0.46
860	4	1021	25.22	18.71	7.48	7.51	18.68	-0.62	-0.14	-1.70	-0.33	-1.51	0.51
		1023	23.21	14.81	5.89	5.89	14.81	0.02	-0.28	-2.00	-0.50	-1.78	0.57
		1058	16.19	14.90	4.52	4.92	14.49	2.01	0.62	-4.12e-03	0.22	0.40	0.30
		1057	20.77	17.98	6.53	6.78	17.73	1.67	1.02	0.51	0.61	0.92	0.20
861	1	1023	25.44	14.87	1.77	3.05	13.59	3.90	1.94	0.02	0.40	1.56	0.76
		1025	22.06	8.94	-0.68	0.84	7.42	3.51	2.24	0.21	0.48	1.96	0.69
		1059	46.15	11.32	-5.82	-2.79	8.29	6.54	5.92	1.05	1.38	5.58	1.23
		1058	47.21	17.07	-2.87	0.21	13.99	7.21	5.19	0.78	1.25	4.73	1.35
861	2	1023	61.55	37.41	15.06	15.06	37.41	0.24	-0.81	-5.63	-1.42	-5.02	1.60
		1025	57.96	29.91	11.20	11.27	29.84	1.16	-1.31	-6.24	-1.86	-5.69	1.56
		1059	31.62	31.15	6.68	8.06	29.77	5.64	0.56	-1.18	-0.32	-0.31	0.87
		1058	41.56	37.69	11.09	12.39	36.39	5.73	1.65	0.04	0.61	1.08	0.77
861	3	1023	9.53	8.00	2.14	2.34	7.80	1.07	0.45	-0.25	0.04	0.17	0.34
		1025	7.97	5.56	1.13	1.39	5.30	1.04	0.47	-0.20	0.03	0.24	0.32
		1059	16.57	6.36	-0.76	0.06	5.54	2.28	1.76	0.25	0.39	1.63	0.43
		1058	17.64	8.65	0.44	1.27	7.83	2.47	1.64	0.24	0.41	1.47	0.46
861	4	1023	23.30	14.86	5.90	5.90	14.86	-8.34e-03	-0.27	-2.01	-0.50	-1.78	0.59
		1025	21.86	11.96	4.46	4.48	11.95	0.34	-0.46	-2.24	-0.67	-2.03	0.58
		1059	12.25	12.35	2.83	3.28	11.90	2.01	0.21	-0.44	-0.12	-0.12	0.32
		1058	16.10	14.88	4.47	4.88	14.46	2.03	0.61	0.01	0.23	0.39	0.28
862	1	1025	22.10	8.93	-0.67	0.84	7.43	3.49	2.24	0.20	0.48	1.97	0.70
		1027	18.81	3.88	-2.82	-1.08	2.14	2.94	2.50	0.37	0.55	2.32	0.59
		1060	44.67	5.90	-8.14	-5.51	3.27	5.48	6.57	1.29	1.51	6.35	1.06
		1059	46.13	11.30	-5.86	-2.83	8.26	6.55	5.92	1.05	1.38	5.59	1.23
862	2	1025	58.17	29.97	11.25	11.31	29.91	1.11	-1.28	-6.27	-1.87	-5.69	1.61
		1027	55.62	24.33	8.11	8.25	24.19	1.49	-1.81	-6.71	-2.26	-6.27	1.41
		1060	30.02	25.84	3.22	4.41	24.65	5.05	-0.46	-2.17	-1.08	-1.55	0.82
		1059	31.40	31.13	6.58	7.97	29.74	5.69	0.52	-1.15	-0.31	-0.32	0.83
862	3	1025	8.00	5.57	1.14	1.39	5.31	1.03	0.47	-0.21	0.03	0.24	0.32
		1027	6.52	3.52	0.30	0.58	3.24	0.91	0.47	-0.15	0.02	0.30	0.28
		1060	15.43	4.29	-1.72	-1.02	3.59	1.93	1.86	0.27	0.37	1.76	0.38
		1059	16.55	6.36	-0.78	0.04	5.53	2.29	1.76	0.25	0.39	1.63	0.43
862	4	1025	21.94	11.99	4.48	4.50	11.97	0.33	-0.45	-2.25	-0.67	-2.03	0.59
		1027	20.91	9.81	3.31	3.35	9.77	0.48	-0.64	-2.41	-0.81	-2.24	0.52
		1060	11.82	10.31	1.54	1.92	9.92	1.81	-0.17	-0.81	-0.40	-0.58	0.31
		1059	12.17	12.35	2.79	3.25	11.89	2.03	0.19	-0.43	-0.12	-0.12	0.31
863	1	1027	18.84	3.87	-2.81	-1.07	2.13	2.93	2.51	0.37	0.55	2.32	0.60
		1029	15.75	-0.11	-4.67	-2.60	-2.18	2.27	2.72	0.51	0.61	2.62	0.47
		1061	43.03	1.07	-9.70	-7.69	-0.93	4.19	7.11	1.49	1.62	6.98	0.84
		1060	44.65	5.87	-8.17	-5.54	3.24	5.48	6.57	1.29	1.51	6.35	1.05
863	2	1027	55.79	24.37	8.16	8.29	24.23	1.46	-1.78	-6.75	-2.26	-6.27	1.46
		1029	54.00	20.18	5.81	5.95	20.03	1.44	-2.28	-7.04	-2.57	-6.75	1.15
		1061	32.06	21.69	0.77	1.60	20.86	4.08	-1.31	-2.95	-1.69	-2.57	0.69
		1060	30.05	25.83	3.15	4.35	24.63	5.08	-0.50	-2.14	-1.08	-1.56	0.79
863	3	1027	6.55	3.52	0.31	0.59	3.24	0.90	0.48	-0.16	0.02	0.30	0.28
		1029	5.15	1.87	-0.32	-0.05	1.59	0.72	0.47	-0.10	0.01	0.36	0.22
		1061	14.33	2.51	-2.39	-1.87	2.00	1.50	1.93	0.30	0.36	1.88	0.30
		1060	15.41	4.29	-1.74	-1.03	3.58	1.94	1.86	0.28	0.37	1.77	0.37
863	4	1027	20.97	9.82	3.33	3.36	9.79	0.47	-0.63	-2.42	-0.81	-2.24	0.54
		1029	20.25	8.21	2.45	2.49	8.17	0.48	-0.82	-2.53	-0.93	-2.42	0.42
		1061	12.51	8.73	0.61	0.88	8.46	1.46	-0.48	-1.09	-0.63	-0.95	0.26
		1060	11.83	10.31	1.51	1.90	9.92	1.82	-0.18	-0.79	-0.40	-0.58	0.29
864	1	1029	15.77	-0.12	-4.66	-2.59	-2.19	2.27	2.72	0.50	0.61	2.62	0.47
		1031	19.73	-2.74	-6.30	-3.68	-5.35	1.57	2.89	0.61	0.65	2.84	0.32
		1062	42.55	-2.83	-10.52	-9.25	-4.10	2.85	7.51	1.64	1.70	7.45	0.58
		1061	43.01	1.05	-9.72	-7.71	-0.96	4.20	7.11	1.49	1.62	6.98	0.83
864	2	1029	54.13	20.20	5.84	5.98	20.06	1.42	-2.25	-7.07	-2.57	-6.75	1.20
		1031	52.93	17.27	4.25	4.35	17.17	1.11	-2.65	-7.25	-2.80	-7.11	0.80
		1062	33.76	18.68	-0.83	-0.40	18.25	2.85	-1.95	-3.51	-2.13	-3.32	0.50
		1061	32.08	21.68	0.72	1.56	20.85	4.10	-1.34	-2.93	-1.69	-2.57	0.66
864	3	1029	5.18	1.86	-0.32	-0.04	1.59	0.72	0.47	-0.10	0.01	0.36	0.23
		1031	3.91	0.63	-0.73	-0.50	0.40	0.51	0.45	-0.04	0.01	0.40	0.16



		1062	13.40	1.12	-2.78	-2.49	0.83	1.02	1.99	0.32	0.35	1.96	0.21
		1061	14.31	2.51	-2.39	-1.88	1.99	1.50	1.93	0.30	0.36	1.88	0.30
864	4	1029	20.30	8.22	2.46	2.50	8.18	0.47	-0.81	-2.54	-0.93	-2.42	0.44
		1031	19.81	7.10	1.86	1.88	7.07	0.37	-0.96	-2.61	-1.01	-2.55	0.30
		1062	13.10	7.59	-5.25e-03	0.14	7.45	1.02	-0.72	-1.30	-0.79	-1.23	0.19
		1061	12.52	8.73	0.59	0.86	8.46	1.47	-0.50	-1.08	-0.63	-0.95	0.24
865	1	1031	19.74	-2.74	-6.30	-3.68	-5.36	1.57	2.89	0.61	0.65	2.84	0.33
		1033	22.07	-4.10	-7.43	-4.33	-7.19	0.86	2.99	0.67	0.68	2.98	0.17
		1063	45.67	-5.46	-10.67	-10.19	-5.94	1.51	7.75	1.74	1.75	7.74	0.30
		1062	42.59	-2.85	-10.53	-9.26	-4.12	2.85	7.51	1.65	1.70	7.45	0.57
865	2	1031	53.02	17.28	4.28	4.37	17.18	1.10	-2.63	-7.27	-2.80	-7.11	0.85
		1033	52.33	15.52	3.37	3.40	15.49	0.61	-2.90	-7.37	-2.93	-7.33	0.40
		1063	34.86	16.84	-1.71	-1.59	16.73	1.46	-2.35	-3.84	-2.40	-3.79	0.27
		1062	33.77	18.68	-0.86	-0.43	18.25	2.86	-1.97	-3.49	-2.13	-3.33	0.47
865	3	1031	3.93	0.63	-0.72	-0.49	0.40	0.51	0.45	-0.05	0.01	0.39	0.16
		1033	2.95	-0.16	-0.90	-0.77	-0.30	0.28	0.43	-5.22e-03	9.57e-03	0.42	0.08
		1063	12.81	0.24	-2.95	-2.86	0.15	0.54	2.02	0.34	0.34	2.01	0.11
		1062	13.39	1.11	-2.78	-2.49	0.82	1.03	1.99	0.32	0.35	1.96	0.20
865	4	1031	19.84	7.10	1.86	1.89	7.08	0.37	-0.95	-2.61	-1.01	-2.55	0.32
		1033	19.55	6.43	1.52	1.53	6.43	0.21	-1.05	-2.65	-1.06	-2.63	0.15
		1063	13.48	6.90	-0.35	-0.31	6.86	0.52	-0.87	-1.42	-0.89	-1.40	0.10
		1062	13.10	7.59	-0.02	0.12	7.45	1.03	-0.73	-1.29	-0.79	-1.23	0.17
866	1	1033	22.08	-4.09	-7.43	-4.33	-7.20	0.86	2.99	0.67	0.68	2.98	0.17
		1035	22.64	-4.56	-7.58	-4.57	-7.58	0.13	3.02	0.69	0.69	3.02	2.30e-03
		1064	46.45	-6.26	-10.53	-10.53	-6.27	0.16	7.83	1.77	1.77	7.83	6.32e-03
		1063	45.68	-5.46	-10.68	-10.19	-5.95	1.52	7.75	1.74	1.75	7.74	0.29
866	2	1033	52.37	15.53	3.38	3.41	15.50	0.59	-2.89	-7.38	-2.93	-7.33	0.45
		1035	52.15	14.94	3.09	3.09	14.94	6.96e-03	-2.98	-7.40	-2.98	-7.40	-0.03
		1064	35.25	16.22	-2.00	-2.00	16.22	-6.34e-03	-2.49	-3.94	-2.49	-3.94	0.02
		1063	34.87	16.84	-1.73	-1.61	16.72	1.47	-2.36	-3.83	-2.40	-3.79	0.24
866	3	1033	2.97	-0.17	-0.90	-0.76	-0.30	0.28	0.44	-7.05e-03	9.54e-03	0.42	0.08
		1035	2.69	-0.46	-0.86	-0.86	-0.46	0.04	0.43	8.44e-03	8.44e-03	0.43	-9.34e-04
		1064	12.68	2.84e-03	-2.99	-2.99	2.13e-03	0.05	2.03	0.34	0.34	2.03	3.14e-03
		1063	12.81	0.24	-2.95	-2.86	0.14	0.54	2.02	0.34	0.34	2.01	0.10
866	4	1033	19.57	6.44	1.52	1.53	6.43	0.20	-1.04	-2.65	-1.06	-2.63	0.17
		1035	19.48	6.21	1.41	1.41	6.21	2.57e-03	-1.08	-2.66	-1.08	-2.66	-9.40e-03
		1064	13.61	6.67	-0.46	-0.46	6.67	-2.37e-03	-0.92	-1.46	-0.92	-1.46	6.38e-03
		1063	13.48	6.90	-0.35	-0.31	6.86	0.53	-0.87	-1.42	-0.89	-1.40	0.09
867	1	1035	22.63	-4.56	-7.57	-4.57	-7.57	0.13	3.02	0.69	0.69	3.02	7.78e-03
		1037	21.42	-4.18	-6.70	-4.37	-6.51	-0.66	2.98	0.67	0.68	2.97	-0.16
		1065	44.88	-4.79	-10.55	-10.25	-5.10	-1.28	7.75	1.73	1.75	7.73	-0.29
		1064	46.44	-6.25	-10.54	-10.53	-6.26	0.17	7.83	1.77	1.77	7.83	2.17e-03
867	2	1035	52.15	14.94	3.09	3.09	14.94	-6.97e-03	-2.98	-7.40	-2.98	-7.40	0.03
		1037	52.37	15.53	3.38	3.41	15.50	-0.59	-2.89	-7.38	-2.93	-7.33	-0.45
		1065	34.87	16.84	-1.73	-1.61	16.72	-1.47	-2.36	-3.83	-2.40	-3.79	-0.24
		1064	35.25	16.22	-2.00	-2.00	16.22	6.33e-03	-2.49	-3.94	-2.49	-3.94	-0.02
867	3	1035	2.68	-0.45	-0.86	-0.86	-0.46	0.04	0.43	8.48e-03	8.52e-03	0.43	3.92e-03
		1037	3.10	-0.03	-0.84	-0.78	-0.09	-0.22	0.43	-7.48e-03	8.14e-03	0.42	-0.08
		1065	13.04	0.46	-2.94	-2.88	0.39	-0.47	2.02	0.33	0.34	2.01	-0.10
		1064	12.69	6.04e-03	-2.99	-2.99	5.20e-03	0.05	2.03	0.34	0.34	2.03	-6.25e-04
867	4	1035	19.48	6.21	1.41	1.41	6.21	-2.58e-03	-1.08	-2.66	-1.08	-2.66	9.40e-03
		1037	19.57	6.44	1.52	1.53	6.43	-0.20	-1.04	-2.65	-1.06	-2.63	-0.17
		1065	13.48	6.90	-0.35	-0.31	6.86	-0.53	-0.87	-1.42	-0.89	-1.40	-0.09
		1064	13.61	6.67	-0.46	-0.46	6.67	2.36e-03	-0.92	-1.46	-0.92	-1.46	-6.38e-03
868	1	1037	21.41	-4.18	-6.69	-4.37	-6.50	-0.67	2.98	0.67	0.68	2.97	-0.16
		1039	18.57	-2.40	-5.47	-3.72	-4.15	-1.52	2.88	0.60	0.65	2.83	-0.32
		1066	42.98	-1.60	-10.36	-9.31	-2.65	-2.84	7.49	1.63	1.69	7.44	-0.57
		1065	44.85	-4.77	-10.55	-10.25	-5.07	-1.28	7.74	1.73	1.74	7.73	-0.29
868	2	1037	52.33	15.52	3.37	3.40	15.49	-0.61	-2.90	-7.37	-2.93	-7.33	-0.40
		1039	53.02	17.28	4.28	4.37	17.18	-1.10	-2.63	-7.27	-2.80	-7.11	-0.85
		1066	33.77	18.68	-0.86	-0.43	18.25	-2.86	-1.97	-3.49	-2.13	-3.33	-0.47
		1065	34.86	16.84	-1.71	-1.59	16.73	-1.46	-2.35	-3.84	-2.40	-3.79	-0.27
868	3	1037	3.09	-0.02	-0.84	-0.78	-0.09	-0.22	0.43	-5.58e-03	8.22e-03	0.42	-0.08
		1039	4.19	0.92	-0.68	-0.51	0.75	-0.49	0.45	-0.05	8.92e-03	0.39	-0.16
		1066	13.81	1.52	-2.77	-2.51	1.26	-1.02	1.98	0.32	0.34	1.96	-0.20
		1065	13.05	0.47	-2.94	-2.87	0.40	-0.47	2.02	0.33	0.34	2.01	-0.11
868	4	1037	19.55	6.43	1.52	1.53	6.43	-0.21	-1.05	-2.65	-1.06	-2.63	-0.15
		1039	19.84	7.10	1.86	1.89	7.08	-0.37	-0.95	-2.61	-1.01	-2.55	-0.32
		1066	13.10	7.59	-0.02	0.12	7.45	-1.03	-0.73	-1.29	-0.79	-1.23	-0.17
		1065	13.48	6.90	-0.35	-0.31	6.86	-0.52	-0.87	-1.42	-0.89	-1.40	-0.10
869	1	1039	18.56	-2.39	-5.47	-3.73	-4.14	-1.53	2.88	0.60	0.65	2.83	-0.32
		1041	17.09	0.92	-4.24	-2.60	-0.71	-2.40	2.72	0.49	0.60	2.61	-0.47
		1067	44.71	2.67	-9.58	-7.67	0.77	-4.43	7.09	1.47	1.60	6.96	-0.83
		1066	43.01	-1.57	-10.35	-9.31	-2.62	-2.84	7.49	1.63	1.68	7.43	-0.58
869	2	1039	52.93	17.27	4.25	4.35	17.17	-1.11	-2.65	-7.25	-2.80	-7.11	-0.80
		1041	54.13	20.20	5.84	5.98	20.06	-1.42	-2.25	-7.07	-2.57	-6.75	-1.20
		1067	32.08	21.68	0.72	1.56	20.85	-4.10	-1.34	-2.93	-1.69	-2.57	-0.66



		1066	33.76	18.68	-0.83	-0.40	18.25	-2.85	-1.95	-3.51	-2.13	-3.32	-0.50
869	3	1039	4.17	0.93	-0.68	-0.51	0.76	-0.50	0.45	-0.04	8.88e-03	0.39	-0.15
		1041	5.54	2.28	-0.30	-0.05	2.03	-0.76	0.47	-0.10	0.01	0.35	-0.23
		1067	14.81	3.01	-2.38	-1.87	2.51	-1.57	1.93	0.29	0.35	1.87	-0.30
869	4	1066	13.82	1.53	-2.76	-2.50	1.27	-1.02	1.98	0.32	0.34	1.96	-0.21
		1039	19.81	7.10	1.86	1.88	7.07	-0.37	-0.96	-2.61	-1.01	-2.55	-0.30
		1041	20.30	8.22	2.46	2.50	8.18	-0.47	-0.81	-2.54	-0.93	-2.42	-0.44
		1067	12.52	8.73	0.59	0.86	8.46	-1.47	-0.50	-1.08	-0.63	-0.95	-0.24
		1066	13.10	7.59	-5.25e-03	0.14	7.45	-1.02	-0.72	-1.30	-0.79	-1.23	-0.19
870	1	1041	17.07	0.94	-4.25	-2.61	-0.70	-2.41	2.71	0.50	0.60	2.61	-0.47
		1043	20.31	5.26	-2.69	-1.02	3.59	-3.23	2.50	0.35	0.54	2.31	-0.60
		1068	46.33	7.57	-8.07	-5.37	4.88	-5.91	6.55	1.26	1.49	6.32	-1.06
		1067	44.73	2.69	-9.56	-7.66	0.79	-4.44	7.09	1.47	1.60	6.96	-0.84
870	2	1041	54.00	20.18	5.81	5.95	20.03	-1.44	-2.28	-7.04	-2.57	-6.75	-1.15
		1043	55.79	24.37	8.16	8.29	24.23	-1.46	-1.78	-6.75	-2.26	-6.27	-1.46
		1068	30.05	25.83	3.15	4.35	24.63	-5.08	-0.50	-2.14	-1.08	-1.56	-0.79
		1067	32.06	21.69	0.77	1.60	20.86	-4.08	-1.31	-2.95	-1.69	-2.57	-0.69
870	3	1041	5.51	2.28	-0.30	-0.05	2.03	-0.77	0.46	-0.10	0.01	0.35	-0.22
		1043	6.97	3.97	0.31	0.60	3.67	-0.99	0.48	-0.16	0.02	0.30	-0.29
		1068	15.91	4.80	-1.72	-0.98	4.07	-2.07	1.85	0.27	0.36	1.76	-0.37
		1067	14.83	3.02	-2.37	-1.86	2.51	-1.57	1.93	0.29	0.35	1.87	-0.30
870	4	1041	20.25	8.21	2.45	2.49	8.17	-0.48	-0.82	-2.53	-0.93	-2.42	-0.42
		1043	20.97	9.82	3.33	3.36	9.79	-0.47	-0.63	-2.42	-0.81	-2.24	-0.54
		1068	11.83	10.31	1.51	1.90	9.92	-1.82	-0.18	-0.79	-0.40	-0.58	-0.29
		1067	12.51	8.73	0.61	0.88	8.46	-1.46	-0.48	-1.09	-0.63	-0.95	-0.26
871	1	1043	20.28	5.27	-2.70	-1.03	3.59	-3.25	2.49	0.36	0.54	2.31	-0.60
		1045	23.48	10.27	-0.70	0.95	8.62	-3.92	2.24	0.19	0.47	1.96	-0.71
		1069	47.56	12.80	-5.80	-2.54	9.54	-7.07	5.90	1.02	1.36	5.56	-1.24
		1068	46.34	7.59	-8.04	-5.34	4.90	-5.90	6.55	1.26	1.49	6.32	-1.07
871	2	1043	55.62	24.33	8.11	8.25	24.19	-1.49	-1.81	-6.71	-2.26	-6.27	-1.41
		1045	58.17	29.97	11.25	11.31	29.91	-1.11	-1.28	-6.27	-1.87	-5.69	-1.61
		1069	31.40	31.13	6.58	7.97	29.74	-5.69	0.52	-1.15	-0.31	-0.32	-0.83
		1068	30.02	25.84	3.22	4.41	24.65	-5.05	-0.46	-2.17	-1.08	-1.55	-0.82
871	3	1043	6.94	3.97	0.30	0.60	3.67	-1.00	0.47	-0.16	0.02	0.30	-0.28
		1045	8.40	5.96	1.13	1.43	5.66	-1.16	0.47	-0.21	0.03	0.24	-0.33
		1069	16.97	6.80	-0.76	0.13	5.91	-2.44	1.76	0.25	0.38	1.62	-0.43
		1068	15.93	4.81	-1.70	-0.97	4.07	-2.06	1.85	0.27	0.36	1.76	-0.38
871	4	1043	20.91	9.81	3.31	3.35	9.77	-0.48	-0.64	-2.41	-0.81	-2.24	-0.52
		1045	21.94	11.99	4.48	4.50	11.97	-0.33	-0.45	-2.25	-0.67	-2.03	-0.59
		1069	12.17	12.35	2.79	3.25	11.89	-2.03	0.19	-0.43	-0.12	-0.12	-0.31
		1068	11.82	10.31	1.54	1.92	9.92	-1.81	-0.17	-0.81	-0.40	-0.58	-0.31
872	1	1045	23.44	10.27	-0.72	0.94	8.60	-3.93	2.23	0.19	0.47	1.95	-0.70
		1047	26.50	15.84	1.68	3.19	14.33	-4.38	1.94	7.40e-03	0.40	1.55	-0.78
		1070	48.23	18.15	-2.82	0.59	14.73	-7.75	5.17	0.76	1.23	4.70	-1.36
		1069	47.57	12.81	-5.75	-2.50	9.55	-7.06	5.90	1.02	1.36	5.56	-1.25
872	2	1045	57.96	29.91	11.20	11.27	29.84	-1.16	-1.31	-6.24	-1.86	-5.69	-1.56
		1047	61.55	37.41	15.06	15.06	37.41	-0.24	-0.81	-5.63	-1.42	-5.02	-1.60
		1070	41.56	37.69	11.09	12.39	36.39	-5.73	1.65	0.04	0.61	1.08	-0.77
		1069	31.62	31.15	6.68	8.06	29.77	-5.64	0.56	-1.18	-0.32	-0.31	-0.87
872	3	1045	8.37	5.95	1.12	1.42	5.65	-1.17	0.47	-0.21	0.03	0.24	-0.32
		1047	9.85	8.27	2.13	2.39	8.02	-1.22	0.45	-0.25	0.04	0.16	-0.35
		1070	17.93	8.96	0.47	1.38	8.05	-2.63	1.64	0.24	0.41	1.47	-0.46
		1069	16.99	6.80	-0.74	0.15	5.91	-2.43	1.76	0.24	0.38	1.62	-0.43
872	4	1045	21.86	11.96	4.46	4.48	11.95	-0.34	-0.46	-2.24	-0.67	-2.03	-0.58
		1047	23.30	14.86	5.90	5.90	14.86	8.34e-03	-0.27	-2.01	-0.50	-1.78	-0.59
		1070	16.10	14.88	4.47	4.88	14.46	-2.03	0.61	0.01	0.23	0.39	-0.28
		1069	12.25	12.35	2.83	3.28	11.90	-2.01	0.21	-0.44	-0.12	-0.12	-0.32
873	1	1047	26.46	15.82	1.66	3.20	14.29	-4.40	1.94	0.01	0.40	1.55	-0.77
		1049	29.51	22.09	4.28	5.51	20.85	-4.53	1.61	-0.18	0.32	1.12	-0.80
		1071	48.17	23.55	0.69	3.72	20.52	-7.75	4.39	0.49	1.10	3.78	-1.42
		1070	48.24	18.17	-2.76	0.65	14.76	-7.72	5.18	0.76	1.23	4.70	-1.37
873	2	1047	61.29	37.29	15.01	15.02	37.29	-0.32	-0.83	-5.60	-1.40	-5.02	-1.55
		1049	66.33	47.40	19.30	19.36	47.33	1.39	-0.45	-4.77	-0.95	-4.27	-1.38
		1071	53.76	45.66	16.74	17.56	44.84	-4.80	2.77	1.40	1.66	2.51	-0.54
		1070	41.82	37.74	11.23	12.50	36.47	-5.66	1.69	-3.54e-03	0.59	1.09	-0.81
873	3	1047	9.81	8.26	2.13	2.38	8.00	-1.23	0.45	-0.25	0.04	0.16	-0.34
		1049	11.43	11.00	3.24	3.41	10.83	-1.13	0.41	-0.27	0.05	0.09	-0.34
		1071	18.72	11.27	1.93	2.68	10.52	-2.54	1.50	0.25	0.45	1.30	-0.46
		1070	17.95	8.97	0.50	1.41	8.06	-2.62	1.64	0.23	0.41	1.47	-0.47
873	4	1047	23.21	14.81	5.89	5.89	14.81	-0.02	-0.28	-2.00	-0.50	-1.78	-0.57
		1049	25.22	18.71	7.48	7.51	18.68	0.62	-0.14	-1.70	-0.33	-1.51	-0.51
		1071	20.77	17.98	6.53	6.78	17.73	-1.67	1.02	0.51	0.61	0.92	-0.20
		1070	16.19	14.90	4.52	4.92	14.49	-2.01	0.62	-4.12e-03	0.22	0.40	-0.30
874	1	1049	29.49	22.02	4.25	5.53	20.74	-4.59	1.62	-0.17	0.32	1.12	-0.80
		1051	32.96	29.37	6.70	7.51	28.56	-4.22	1.24	-0.33	0.21	0.69	-0.75
		1072	46.93	28.88	4.46	6.47	26.87	-6.72	3.56	0.22	0.98	2.79	-1.41
		1071	48.23	23.62	0.79	3.79	20.62	-7.72	4.39	0.48	1.09	3.78	-1.42



874	2	1049	66.01	47.11	19.31	19.36	47.05	1.22	-0.44	-4.75	-0.91	-4.28	-1.35
		1051	72.83	61.37	23.00	23.52	60.85	4.41	-0.27	-3.49	-0.49	-3.27	-0.81
		1072	66.64	55.15	23.41	23.52	55.04	-1.87	3.63	2.77	2.78	3.62	-0.09
		1071	54.19	45.89	16.91	17.69	45.10	-4.70	2.81	1.32	1.60	2.53	-0.58
874	3	1049	11.40	10.95	3.23	3.41	10.77	-1.16	0.41	-0.27	0.05	0.09	-0.34
		1051	13.53	14.38	4.25	4.31	14.31	-0.80	0.32	-0.24	0.05	0.03	-0.28
		1072	19.13	13.73	3.51	3.91	13.33	-1.98	1.31	0.27	0.49	1.08	-0.43
		1071	18.77	11.32	1.97	2.71	10.57	-2.52	1.50	0.24	0.44	1.30	-0.47
874	4	1049	25.09	18.60	7.48	7.51	18.57	0.56	-0.13	-1.69	-0.31	-1.51	-0.50
		1051	27.84	24.09	8.85	9.06	23.88	1.75	-0.07	-1.23	-0.16	-1.14	-0.30
		1072	25.72	21.70	8.94	8.96	21.68	-0.54	1.33	1.02	1.03	1.33	-0.04
		1071	20.93	18.07	6.60	6.83	17.83	-1.63	1.03	0.48	0.59	0.93	-0.22
875	1	1051	32.89	29.13	6.62	7.52	28.23	-4.41	1.25	-0.33	0.22	0.70	-0.75
		1053	38.92	38.58	7.96	8.19	38.36	-2.62	0.90	-0.29	0.14	0.47	-0.58
		1073	41.95	33.47	8.16	8.71	32.92	-3.70	2.48	-0.21	0.80	1.47	-1.30
		1072	47.22	29.28	4.61	6.57	27.32	-6.67	3.53	0.17	0.93	2.77	-1.41
875	2	1051	72.16	60.48	23.09	23.50	60.07	3.92	-0.34	-3.54	-0.55	-3.33	-0.79
		1053	80.07	82.46	22.81	24.95	80.32	11.10	0.63	-1.13	0.59	-1.09	0.27
		1073	75.80	65.88	30.30	31.30	64.88	5.89	4.15	2.81	3.71	3.25	0.63
		1072	67.71	56.22	23.72	23.81	56.12	-1.76	3.66	2.58	2.59	3.65	-0.09
875	3	1051	13.44	14.23	4.23	4.32	14.15	-0.90	0.32	-0.24	0.05	0.03	-0.28
		1053	17.65	18.95	4.58	4.58	18.95	0.21	0.26	-0.04	0.11	0.11	-0.15
		1073	17.98	16.05	5.08	5.09	16.03	-0.41	0.94	0.23	0.51	0.67	-0.35
		1072	19.30	13.94	3.58	3.96	13.56	-1.95	1.30	0.25	0.46	1.08	-0.43
875	4	1051	27.58	23.75	8.89	9.05	23.58	1.56	-0.10	-1.25	-0.18	-1.16	-0.29
		1053	30.90	32.19	8.74	9.55	31.38	4.27	0.26	-0.36	0.24	-0.35	0.10
		1073	29.26	25.92	11.37	11.79	25.50	2.42	1.52	1.04	1.37	1.19	0.22
		1072	26.13	22.11	9.05	9.07	22.09	-0.50	1.34	0.95	0.96	1.34	-0.03
876	1	1053	40.08	38.77	6.84	7.03	38.58	-2.49	0.85	-0.31	-0.02	0.56	-0.50
		225	49.74	47.36	5.97	6.21	47.12	3.15	1.89	0.47	1.08	1.28	-0.70
		200	38.04	37.57	12.15	12.41	37.30	2.59	1.16	-0.80	0.65	-0.30	-0.85
		1073	40.80	34.14	9.12	9.61	33.65	-3.47	2.17	-0.54	0.51	1.11	-1.32
876	2	1053	79.62	83.39	20.25	22.60	81.04	11.96	-0.31	-1.17	-0.45	-1.03	0.32
		225	126.40	107.89	8.12	15.56	100.46	26.21	8.38	4.70	8.05	5.03	1.05
		200	97.68	89.26	30.96	49.39	70.84	27.11	5.93	0.41	5.77	0.57	0.93
		1073	74.17	66.94	33.37	34.26	66.05	5.38	3.65	1.67	2.68	2.64	0.99
876	3	1053	18.30	19.08	4.03	4.03	19.08	0.31	0.21	-0.08	-0.01	0.14	-0.13
		225	25.22	23.84	2.68	3.19	23.33	3.24	0.99	0.69	0.90	0.78	-0.13
		200	18.20	18.82	6.60	7.51	17.92	3.20	0.67	-0.09	0.62	-0.05	-0.18
		1073	17.44	16.37	5.58	5.59	16.35	-0.37	0.77	0.09	0.35	0.52	-0.33
876	4	1053	30.76	32.54	7.76	8.65	31.66	4.59	-0.09	-0.38	-0.14	-0.33	0.12
		225	48.73	41.95	3.15	5.96	39.14	10.07	3.09	1.77	2.96	1.89	0.39
		200	37.25	34.62	11.69	18.46	27.85	10.46	2.20	0.15	2.13	0.21	0.35
		1073	28.69	26.33	12.52	12.89	25.95	2.25	1.34	0.62	0.99	0.97	0.36
877	1	1073	43.47	33.48	9.20	9.37	33.31	2.02	3.27	0.22	1.08	2.41	-1.37
		200	40.93	36.56	11.66	12.16	36.06	3.51	2.57	0.65	1.40	1.82	-0.94
		275	43.22	33.66	13.43	14.03	33.06	3.42	2.55	-2.13	0.77	-0.35	-2.27
		1074	42.51	29.33	11.94	12.16	29.10	-1.98	3.57	-0.68	1.16	1.72	-2.10
877	2	1073	89.95	84.55	15.25	33.76	66.05	30.65	3.27	2.70	3.27	2.70	0.04
		200	103.97	89.59	29.84	50.65	68.78	28.46	5.99	2.92	5.76	3.15	0.81
		275	98.12	84.63	17.53	32.92	69.24	28.21	7.76	2.30	7.70	2.36	0.58
		1074	66.15	68.49	24.82	35.38	57.92	18.70	2.46	0.98	2.45	0.98	-0.09
877	3	1073	19.04	17.11	4.61	5.47	16.25	3.17	1.19	0.32	0.58	0.93	-0.40
		200	19.77	18.52	6.38	7.54	17.36	3.57	1.05	0.62	0.85	0.82	-0.21
		275	19.77	17.55	5.56	6.73	16.38	3.56	1.14	-0.31	0.78	0.06	-0.63
		1074	16.31	14.42	6.24	6.39	14.26	1.12	1.22	-0.03	0.56	0.63	-0.63
877	4	1073	34.66	32.73	5.92	12.70	25.95	11.65	1.23	1.01	1.23	1.02	0.02
		200	39.87	34.69	11.31	18.94	27.06	10.96	2.23	1.13	2.14	1.22	0.31
		275	37.40	32.88	6.54	12.32	27.10	10.90	2.85	0.84	2.83	0.86	0.21
		1074	25.85	26.71	9.36	13.27	22.80	7.25	0.94	0.41	0.94	0.41	-0.03
878	1	1072	43.62	27.07	6.31	6.47	26.91	-1.82	3.66	0.21	0.95	2.92	-1.42
		1073	42.45	33.26	8.95	9.00	33.22	1.02	3.04	-0.02	0.94	2.08	-1.42
		1074	42.07	29.18	11.88	12.04	29.02	-1.65	3.47	-0.73	0.97	1.77	-2.06
		1075	49.33	25.93	6.81	8.45	24.30	-5.35	4.47	-0.46	1.11	2.90	-2.29
878	2	1072	73.89	65.36	13.54	23.62	55.27	20.52	3.41	2.51	2.53	3.39	-0.13
		1073	89.05	81.31	16.20	31.99	65.52	27.91	3.59	3.23	3.58	3.24	0.06
		1074	68.04	69.03	23.73	35.04	57.72	19.60	2.80	0.57	2.76	0.61	0.29
		1075	51.37	54.41	21.64	27.68	48.37	12.70	1.72	-0.83	1.71	-0.82	0.14
878	3	1072	17.81	13.50	3.77	3.91	13.36	1.17	1.33	0.25	0.47	1.11	-0.43
		1073	18.60	16.78	4.63	5.24	16.18	2.64	1.15	0.25	0.54	0.86	-0.42
		1074	15.99	14.43	6.12	6.33	14.22	1.29	1.15	-0.02	0.51	0.62	-0.58
		1075	16.71	12.03	4.73	4.76	12.01	-0.42	1.35	-0.04	0.47	0.85	-0.67
878	4	1072	28.46	25.45	5.31	9.00	21.76	7.79	1.26	0.93	0.94	1.25	-0.05
		1073	34.24	31.53	6.27	12.05	25.75	10.61	1.32	1.20	1.32	1.20	0.02
		1074	26.49	26.91	8.96	13.14	22.73	7.59	1.06	0.26	1.04	0.27	0.11
		1075	19.97	21.36	8.23	10.45	19.14	4.93	0.65	-0.26	0.65	-0.26	0.05
879	1	1071	44.60	21.25	2.96	3.72	20.49	-3.66	4.43	0.49	1.10	3.82	-1.43



		1072	43.49	27.16	6.35	6.54	26.96	-1.99	3.64	0.23	1.00	2.88	-1.42
		1075	49.70	25.77	6.66	8.29	24.14	-5.34	4.55	-0.42	1.12	3.01	-2.30
		1076	55.80	22.35	0.84	3.93	19.26	-7.55	5.69	0.03	1.27	4.44	-2.34
879	2	1071	54.36	50.81	11.51	17.50	44.82	14.13	2.51	1.29	1.52	2.28	-0.48
		1072	72.88	64.92	13.94	23.64	55.22	20.00	3.35	2.65	2.70	3.30	-0.17
		1075	50.44	54.36	21.43	27.45	48.34	12.73	1.71	-0.67	1.70	-0.66	0.17
		1076	44.75	42.92	17.52	20.08	40.36	7.65	0.82	-1.33	0.82	-1.33	0.02
879	3	1071	16.91	10.51	2.67	2.68	10.51	0.10	1.49	0.24	0.44	1.29	-0.46
		1072	17.72	13.49	3.82	3.94	13.37	1.08	1.32	0.26	0.49	1.09	-0.44
		1075	16.87	11.97	4.67	4.69	11.95	-0.41	1.38	-0.02	0.47	0.89	-0.67
		1076	18.24	10.10	2.57	2.89	9.78	-1.51	1.66	0.05	0.45	1.27	-0.69
879	4	1071	21.10	19.92	4.56	6.76	17.72	5.37	0.92	0.48	0.56	0.84	-0.18
		1072	28.08	25.29	5.46	9.00	21.75	7.59	1.23	0.98	1.00	1.22	-0.06
		1075	19.63	21.34	8.14	10.37	19.12	4.94	0.65	-0.20	0.65	-0.20	0.06
		1076	17.36	16.99	6.71	7.67	16.03	3.00	0.32	-0.44	0.32	-0.44	5.23e-03
880	1	1070	45.50	15.97	-0.66	0.59	14.72	-4.37	5.25	0.79	1.25	4.78	-1.37
		1071	44.68	21.33	2.93	3.70	20.56	-3.70	4.43	0.50	1.11	3.82	-1.43
		1076	55.83	22.26	0.80	3.88	19.18	-7.52	5.71	0.03	1.27	4.47	-2.35
		1077	60.14	18.19	-4.47	-0.76	14.48	-8.39	6.87	0.50	1.44	5.93	-2.26
880	2	1070	38.22	39.91	8.80	12.33	36.38	9.87	1.48	0.04	0.56	0.96	-0.69
		1071	54.15	50.80	11.61	17.47	44.93	13.98	2.53	1.34	1.61	2.26	-0.50
		1076	44.55	42.87	17.44	20.06	40.25	7.74	0.76	-1.32	0.76	-1.32	0.03
		1077	41.23	34.28	12.74	13.67	33.35	4.37	-0.15	-2.04	-0.15	-2.03	-0.11
880	3	1070	16.34	8.07	1.35	1.38	8.04	-0.45	1.65	0.24	0.41	1.48	-0.46
		1071	16.94	10.54	2.67	2.67	10.54	0.08	1.49	0.24	0.45	1.29	-0.46
		1076	18.24	10.05	2.56	2.87	9.74	-1.49	1.67	0.05	0.45	1.27	-0.70
		1077	19.30	8.29	0.47	1.04	7.72	-2.04	1.96	0.13	0.43	1.65	-0.68
880	4	1070	15.02	15.76	3.55	4.86	14.46	3.77	0.55	0.01	0.21	0.35	-0.26
		1071	21.02	19.91	4.60	6.75	17.77	5.32	0.93	0.49	0.59	0.83	-0.19
		1076	17.28	16.97	6.68	7.66	15.99	3.03	0.30	-0.44	0.30	-0.44	7.81e-03
		1077	15.91	13.68	4.95	5.32	13.31	1.74	-0.04	-0.71	-0.04	-0.71	-0.04
881	1	1069	45.83	10.94	-3.95	-2.55	9.54	-4.34	6.02	1.07	1.40	5.68	-1.24
		1070	45.58	16.01	-0.69	0.56	14.76	-4.40	5.25	0.79	1.26	4.78	-1.37
		1077	60.12	18.15	-4.49	-0.80	14.46	-8.36	6.87	0.51	1.45	5.94	-2.26
		1078	62.95	13.58	-8.85	-5.36	10.09	-8.13	7.99	0.96	1.63	7.33	-2.06
881	2	1069	34.42	31.71	5.94	7.92	29.74	6.85	0.44	-1.09	-0.32	-0.33	-0.76
		1070	38.16	39.92	8.80	12.27	36.46	9.79	1.50	0.04	0.58	0.96	-0.71
		1077	41.20	34.27	12.73	13.68	33.31	4.44	-0.17	-2.05	-0.17	-2.04	-0.09
		1078	39.77	27.93	8.02	8.29	27.66	2.30	-0.98	-2.82	-1.00	-2.80	-0.19
881	3	1069	15.79	5.99	0.04	0.12	5.91	-0.69	1.79	0.26	0.39	1.66	-0.43
		1070	16.37	8.09	1.33	1.36	8.06	-0.46	1.65	0.24	0.41	1.48	-0.46
		1077	19.28	8.28	0.46	1.03	7.71	-2.02	1.96	0.13	0.43	1.66	-0.68
		1078	19.94	6.53	-1.34	-0.71	5.90	-2.14	2.23	0.21	0.42	2.01	-0.63
881	4	1069	13.50	12.63	2.49	3.22	11.89	2.63	0.16	-0.41	-0.12	-0.13	-0.28
		1070	15.00	15.77	3.55	4.83	14.49	3.74	0.55	0.01	0.22	0.35	-0.26
		1077	15.90	13.67	4.95	5.32	13.30	1.77	-0.05	-0.71	-0.05	-0.71	-0.04
		1078	15.25	11.22	3.22	3.34	11.10	0.95	-0.35	-1.00	-0.36	-0.99	-0.07
882	1	1068	45.55	6.12	-6.63	-5.40	4.89	-3.76	6.71	1.32	1.54	6.49	-1.06
		1069	45.88	10.95	-3.98	-2.58	9.56	-4.35	6.02	1.07	1.40	5.69	-1.24
		1078	62.93	13.56	-8.87	-5.39	10.09	-8.11	8.00	0.97	1.63	7.33	-2.06
		1079	64.51	8.73	-12.24	-9.54	6.02	-7.03	9.01	1.37	1.81	8.57	-1.77
882	2	1068	33.63	25.66	3.28	4.30	24.64	4.66	-0.52	-2.04	-1.06	-1.50	-0.73
		1069	34.53	31.73	5.91	7.86	29.78	6.81	0.45	-1.10	-0.31	-0.34	-0.78
		1078	39.77	27.93	8.03	8.31	27.66	2.33	-0.99	-2.82	-1.01	-2.81	-0.17
		1079	39.46	23.28	3.85	3.90	23.22	1.03	-1.69	-3.55	-1.71	-3.52	-0.22
882	3	1068	15.20	4.16	-1.09	-0.99	4.07	-0.69	1.90	0.29	0.38	1.81	-0.37
		1069	15.82	6.00	0.03	0.11	5.92	-0.69	1.79	0.26	0.39	1.66	-0.43
		1078	19.93	6.52	-1.35	-0.72	5.89	-2.13	2.23	0.21	0.42	2.01	-0.62
		1079	20.21	4.81	-2.79	-2.26	4.28	-1.93	2.47	0.28	0.42	2.33	-0.54
882	4	1068	13.14	10.31	1.50	1.88	9.92	1.80	-0.19	-0.76	-0.39	-0.56	-0.27
		1069	13.54	12.64	2.48	3.20	11.91	2.62	0.17	-0.41	-0.12	-0.13	-0.29
		1078	15.25	11.22	3.22	3.34	11.10	0.96	-0.35	-1.00	-0.36	-0.99	-0.06
		1079	15.05	9.41	1.69	1.72	9.38	0.46	-0.61	-1.27	-0.62	-1.26	-0.08
883	1	1067	44.78	1.65	-8.57	-7.71	0.79	-2.84	7.28	1.53	1.66	7.16	-0.84
		1068	45.58	6.12	-6.65	-5.42	4.89	-3.76	6.71	1.32	1.54	6.49	-1.07
		1079	64.49	8.70	-12.25	-9.56	6.02	-7.01	9.01	1.38	1.81	8.58	-1.76
		1080	65.02	3.95	-14.66	-12.97	2.25	-5.35	9.86	1.72	1.97	9.61	-1.40
883	2	1067	33.59	21.33	1.03	1.50	20.86	3.04	-1.32	-2.79	-1.65	-2.46	-0.62
		1068	33.72	25.66	3.25	4.25	24.66	4.63	-0.51	-2.06	-1.06	-1.50	-0.74
		1079	39.46	23.29	3.86	3.92	23.23	1.06	-1.69	-3.55	-1.72	-3.53	-0.20
		1080	39.70	19.92	0.50	0.50	19.92	0.34	-2.25	-4.16	-2.27	-4.14	-0.21
883	3	1067	14.55	2.58	-1.96	-1.89	2.51	-0.56	1.99	0.32	0.37	1.94	-0.29
		1068	15.21	4.17	-1.10	-1.00	4.07	-0.70	1.90	0.29	0.38	1.81	-0.37
		1079	20.20	4.80	-2.79	-2.27	4.28	-1.92	2.47	0.28	0.42	2.33	-0.54
		1080	20.18	3.20	-3.87	-3.53	2.86	-1.50	2.67	0.35	0.43	2.59	-0.43
883	4	1067	13.08	8.64	0.66	0.84	8.46	1.18	-0.49	-1.03	-0.61	-0.91	-0.23
		1068	13.17	10.31	1.48	1.86	9.93	1.79	-0.19	-0.76	-0.39	-0.56	-0.28



		1079	15.05	9.41	1.70	1.72	9.38	0.47	-0.61	-1.27	-0.62	-1.26	-0.08
		1080	15.07	8.10	0.46	0.46	8.09	0.18	-0.82	-1.49	-0.83	-1.48	-0.08
884	1	1066	43.73	-2.18	-9.80	-9.36	-2.62	-1.77	7.72	1.70	1.75	7.66	-0.57
		1067	44.77	1.63	-8.58	-7.72	0.77	-2.83	7.28	1.54	1.66	7.16	-0.84
		1080	65.01	3.92	-14.67	-12.98	2.23	-5.33	9.86	1.72	1.97	9.61	-1.39
		1081	64.76	-0.32	-16.22	-15.45	-1.09	-3.42	10.51	1.98	2.10	10.39	-0.97
884	2	1066	33.87	18.44	-0.66	-0.49	18.26	1.81	-1.92	-3.33	-2.08	-3.17	-0.44
		1067	33.65	21.33	1.01	1.47	20.87	3.02	-1.31	-2.80	-1.65	-2.46	-0.63
		1080	39.71	19.93	0.51	0.51	19.92	0.35	-2.26	-4.16	-2.27	-4.14	-0.19
		1081	40.12	17.63	-1.92	-1.92	17.63	0.02	-2.66	-4.62	-2.68	-4.60	-0.17
884	3	1066	13.92	1.30	-2.56	-2.53	1.27	-0.35	2.06	0.34	0.37	2.04	-0.20
		1067	14.56	2.58	-1.96	-1.89	2.51	-0.56	1.99	0.32	0.37	1.94	-0.30
		1080	20.17	3.19	-3.87	-3.53	2.85	-1.50	2.67	0.35	0.43	2.59	-0.43
		1081	19.95	1.81	-4.59	-4.44	1.66	-0.97	2.83	0.40	0.44	2.79	-0.30
884	4	1066	13.14	7.52	0.03	0.10	7.45	0.71	-0.71	-1.23	-0.77	-1.17	-0.16
		1067	13.10	8.64	0.65	0.83	8.47	1.18	-0.48	-1.04	-0.61	-0.91	-0.23
		1080	15.07	8.10	0.46	0.47	8.09	0.19	-0.82	-1.49	-0.83	-1.48	-0.07
		1081	15.18	7.20	-0.43	-0.43	7.20	0.05	-0.97	-1.66	-0.98	-1.65	-0.06
885	1	1065	46.15	-4.97	-10.41	-10.30	-5.07	-0.75	7.99	1.80	1.82	7.97	-0.29
		1066	43.68	-2.21	-9.80	-9.36	-2.65	-1.77	7.72	1.70	1.76	7.66	-0.57
		1081	64.77	-0.36	-16.22	-15.45	-1.12	-3.40	10.51	1.98	2.09	10.40	-0.96
		1082	64.15	-3.50	-17.06	-16.89	-3.68	-1.52	10.93	2.16	2.19	10.90	-0.49
885	2	1065	34.16	16.78	-1.71	-1.67	16.74	0.85	-2.30	-3.65	-2.34	-3.61	-0.23
		1066	33.91	18.44	-0.68	-0.51	18.27	1.81	-1.92	-3.34	-2.08	-3.17	-0.45
		1081	40.12	17.64	-1.91	-1.91	17.64	0.03	-2.67	-4.61	-2.68	-4.60	-0.14
		1082	40.47	16.29	-3.37	-3.37	16.29	-0.05	-2.92	-4.90	-2.92	-4.89	-0.10
885	3	1065	13.41	0.41	-2.90	-2.90	0.40	-0.14	2.10	0.36	0.37	2.10	-0.10
		1066	13.91	1.29	-2.56	-2.53	1.26	-0.35	2.06	0.34	0.37	2.04	-0.20
		1081	19.94	1.80	-4.59	-4.44	1.65	-0.97	2.83	0.40	0.44	2.79	-0.30
		1082	19.66	0.80	-5.01	-4.98	0.76	-0.44	2.93	0.44	0.45	2.92	-0.15
885	4	1065	13.22	6.88	-0.36	-0.34	6.86	0.33	-0.85	-1.35	-0.86	-1.33	-0.08
		1066	13.15	7.52	0.03	0.09	7.46	0.71	-0.71	-1.23	-0.77	-1.17	-0.17
		1081	15.18	7.20	-0.43	-0.43	7.20	0.05	-0.97	-1.66	-0.98	-1.65	-0.05
		1082	15.28	6.68	-0.97	-0.97	6.68	5.81e-04	-1.07	-1.76	-1.07	-1.76	-0.04
886	1	1064	47.72	-6.25	-10.59	-10.58	-6.26	0.14	8.08	1.84	1.84	8.08	4.26e-03
		1065	46.15	-4.99	-10.41	-10.30	-5.10	-0.76	7.98	1.81	1.82	7.97	-0.29
		1082	64.18	-3.54	-17.06	-16.88	-3.71	-1.52	10.94	2.16	2.19	10.91	-0.50
		1083	63.64	-5.03	-17.35	-17.35	-5.04	0.16	11.11	2.24	2.24	11.11	-4.64e-03
886	2	1064	34.29	16.23	-2.07	-2.07	16.23	3.05e-03	-2.42	-3.76	-2.42	-3.76	5.54e-03
		1065	34.18	16.78	-1.72	-1.69	16.74	0.84	-2.29	-3.65	-2.34	-3.61	-0.24
		1082	40.47	16.29	-3.36	-3.36	16.29	-0.04	-2.92	-4.89	-2.92	-4.89	-0.07
		1083	40.60	15.85	-3.85	-3.85	15.85	-4.80e-03	-3.01	-4.99	-3.01	-4.99	-0.01
886	3	1064	13.13	7.02e-03	-3.01	-3.01	6.44e-03	0.04	2.12	0.37	0.37	2.12	1.76e-03
		1065	13.39	0.40	-2.90	-2.90	0.40	-0.14	2.10	0.36	0.37	2.10	-0.10
		1082	19.66	0.79	-5.01	-4.97	0.75	-0.44	2.93	0.44	0.45	2.92	-0.15
		1083	19.46	0.32	-5.15	-5.15	0.32	0.05	2.97	0.46	0.46	2.97	-2.05e-03
886	4	1064	13.26	6.67	-0.49	-0.49	6.67	1.15e-03	-0.90	-1.39	-0.90	-1.39	2.14e-03
		1065	13.23	6.88	-0.36	-0.34	6.87	0.33	-0.85	-1.35	-0.86	-1.33	-0.09
		1082	15.28	6.68	-0.97	-0.97	6.68	4.34e-03	-1.07	-1.76	-1.07	-1.76	-0.03
		1083	15.32	6.51	-1.15	-1.15	6.51	-1.78e-03	-1.10	-1.80	-1.10	-1.80	-4.24e-03
887	1	1063	46.94	-5.75	-10.44	-10.24	-5.95	0.93	7.99	1.82	1.83	7.97	0.30
		1064	47.72	-6.26	-10.58	-10.58	-6.27	0.13	8.07	1.84	1.84	8.07	0.01
		1083	63.65	-5.05	-17.34	-17.34	-5.05	0.15	11.11	2.24	2.24	11.11	-0.01
		1084	63.53	-4.56	-17.15	-16.92	-4.79	1.68	11.03	2.21	2.23	11.00	0.48
887	2	1063	34.18	16.78	-1.72	-1.69	16.74	-0.84	-2.29	-3.65	-2.34	-3.61	0.24
		1064	34.29	16.23	-2.07	-2.07	16.23	-3.05e-03	-2.42	-3.76	-2.42	-3.76	-5.54e-03
		1083	40.60	15.85	-3.85	-3.85	15.85	4.79e-03	-3.01	-4.99	-3.01	-4.99	0.01
		1084	40.47	16.29	-3.36	-3.36	16.29	0.04	-2.92	-4.89	-2.92	-4.89	0.07
887	3	1063	13.15	0.16	-2.89	-2.88	0.14	0.19	2.10	0.36	0.37	2.10	0.11
		1064	13.12	3.69e-03	-3.01	-3.01	3.20e-03	0.04	2.12	0.37	0.37	2.12	2.64e-03
		1083	19.47	0.32	-5.15	-5.14	0.31	0.04	2.97	0.46	0.46	2.97	-3.18e-03
		1084	19.47	0.48	-5.03	-4.98	0.43	0.48	2.96	0.45	0.46	2.95	0.15
887	4	1063	13.23	6.88	-0.36	-0.34	6.87	-0.33	-0.85	-1.35	-0.86	-1.33	0.09
		1064	13.26	6.67	-0.49	-0.49	6.67	-1.15e-03	-0.90	-1.39	-0.90	-1.39	-2.14e-03
		1083	15.32	6.51	-1.15	-1.15	6.51	1.78e-03	-1.10	-1.80	-1.10	-1.80	4.24e-03
		1084	15.28	6.68	-0.97	-0.97	6.68	-4.34e-03	-1.07	-1.76	-1.07	-1.76	0.03
888	1	1062	43.82	-3.60	-9.83	-9.31	-4.12	1.72	7.73	1.72	1.78	7.67	0.58
		1063	46.95	-5.75	-10.43	-10.24	-5.94	0.92	7.99	1.81	1.83	7.97	0.30
		1084	63.50	-4.55	-17.15	-16.92	-4.78	1.67	11.02	2.21	2.23	10.99	0.47
		1085	63.78	-2.15	-16.40	-15.63	-2.92	3.22	10.68	2.06	2.17	10.58	0.94
888	2	1062	33.91	18.44	-0.68	-0.51	18.27	-1.81	-1.92	-3.34	-2.08	-3.17	0.45
		1063	34.16	16.78	-1.71	-1.67	16.74	-0.85	-2.30	-3.65	-2.34	-3.61	0.23
		1084	40.47	16.29	-3.37	-3.37	16.29	0.05	-2.92	-4.90	-2.92	-4.89	0.10
		1085	40.12	17.64	-1.91	-1.91	17.64	-0.03	-2.67	-4.61	-2.68	-4.60	0.14
888	3	1062	13.47	0.86	-2.55	-2.51	0.82	0.34	2.06	0.35	0.37	2.04	0.20
		1063	13.15	0.16	-2.89	-2.88	0.15	0.19	2.10	0.36	0.37	2.10	0.11
		1084	19.46	0.48	-5.03	-4.98	0.44	0.48	2.95	0.45	0.46	2.95	0.15



		1085	19.65	1.26	-4.64	-4.49	1.11	0.91	2.88	0.42	0.46	2.84	0.29
888	4	1062	13.15	7.52	0.03	0.09	7.46	-0.71	-0.71	-1.23	-0.77	-1.17	0.17
		1063	13.22	6.88	-0.36	-0.34	6.86	-0.33	-0.85	-1.35	-0.86	-1.33	0.08
		1084	15.28	6.68	-0.97	-0.97	6.68	-5.83e-04	-1.07	-1.76	-1.07	-1.76	0.04
		1085	15.18	7.20	-0.43	-0.43	7.20	-0.05	-0.97	-1.66	-0.98	-1.65	0.05
889	1	1061	43.01	-0.12	-8.60	-7.76	-0.96	2.53	7.30	1.56	1.69	7.18	0.84
		1062	43.83	-3.59	-9.82	-9.31	-4.10	1.71	7.73	1.71	1.77	7.67	0.58
		1085	63.74	-2.11	-16.40	-15.63	-2.88	3.22	10.67	2.06	2.17	10.57	0.94
		1086	64.06	1.80	-14.94	-13.41	0.26	4.83	10.09	1.82	2.05	9.85	1.37
889	2	1061	33.65	21.33	1.01	1.47	20.87	-3.02	-1.31	-2.80	-1.65	-2.46	0.63
		1062	33.87	18.44	-0.66	-0.49	18.26	-1.81	-1.92	-3.33	-2.08	-3.17	0.44
		1085	40.12	17.63	-1.92	-1.92	17.63	-0.02	-2.66	-4.62	-2.68	-4.60	0.17
		1086	39.71	19.93	0.51	0.51	19.92	-0.35	-2.26	-4.16	-2.27	-4.14	0.19
889	3	1061	14.03	2.05	-1.96	-1.90	2.00	0.47	2.00	0.32	0.38	1.94	0.29
		1062	13.49	0.86	-2.54	-2.51	0.83	0.33	2.06	0.35	0.37	2.04	0.20
		1085	19.64	1.27	-4.64	-4.50	1.13	0.92	2.87	0.42	0.46	2.84	0.29
		1086	19.89	2.56	-3.95	-3.66	2.27	1.35	2.74	0.38	0.46	2.66	0.42
889	4	1061	13.10	8.64	0.65	0.83	8.47	-1.18	-0.48	-1.04	-0.61	-0.91	0.23
		1062	13.14	7.52	0.03	0.10	7.45	-0.71	-0.71	-1.23	-0.77	-1.17	0.16
		1085	15.18	7.20	-0.43	-0.43	7.20	-0.05	-0.97	-1.66	-0.98	-1.65	0.06
		1086	15.07	8.10	0.46	0.47	8.09	-0.19	-0.82	-1.49	-0.83	-1.48	0.07
890	1	1060	43.86	4.34	-6.68	-5.59	3.25	3.29	6.73	1.34	1.56	6.51	1.06
		1061	43.04	-0.10	-8.59	-7.75	-0.94	2.53	7.30	1.56	1.68	7.18	0.84
		1086	64.05	1.84	-14.94	-13.40	0.29	4.85	10.08	1.82	2.06	9.84	1.38
		1087	63.90	6.67	-12.62	-10.24	4.28	6.35	9.28	1.50	1.91	8.86	1.75
890	2	1060	33.72	25.66	3.25	4.25	24.66	-4.63	-0.51	-2.06	-1.06	-1.50	0.74
		1061	33.59	21.33	1.03	1.50	20.86	-3.04	-1.32	-2.79	-1.65	-2.46	0.62
		1086	39.70	19.92	0.50	0.50	19.92	-0.34	-2.25	-4.16	-2.27	-4.14	0.21
		1087	39.46	23.29	3.86	3.92	23.23	-1.06	-1.69	-3.55	-1.72	-3.53	0.20
890	3	1060	14.71	3.65	-1.12	-1.05	3.59	0.56	1.91	0.30	0.38	1.82	0.37
		1061	14.04	2.06	-1.95	-1.90	2.00	0.47	2.00	0.32	0.38	1.95	0.29
		1086	19.90	2.57	-3.95	-3.66	2.28	1.35	2.74	0.38	0.46	2.66	0.42
		1087	20.03	4.21	-2.92	-2.47	3.77	1.73	2.55	0.32	0.45	2.41	0.53
890	4	1060	13.17	10.31	1.48	1.86	9.93	-1.79	-0.19	-0.76	-0.39	-0.56	0.28
		1061	13.08	8.64	0.66	0.84	8.46	-1.18	-0.49	-1.03	-0.61	-0.91	0.23
		1086	15.07	8.10	0.46	0.46	8.09	-0.18	-0.82	-1.49	-0.83	-1.48	0.08
		1087	15.05	9.41	1.70	1.72	9.38	-0.47	-0.61	-1.27	-0.62	-1.26	0.08
891	1	1059	44.46	9.46	-4.06	-2.88	8.28	3.82	6.03	1.09	1.42	5.70	1.23
		1060	43.85	4.35	-6.66	-5.57	3.26	3.29	6.73	1.34	1.56	6.51	1.06
		1087	63.92	6.71	-12.62	-10.22	4.31	6.38	9.27	1.50	1.91	8.86	1.75
		1088	62.84	11.91	-9.31	-6.24	8.84	7.46	8.28	1.10	1.74	7.65	2.04
891	2	1059	34.53	31.73	5.91	7.86	29.78	-6.81	0.45	-1.10	-0.31	-0.34	0.78
		1060	33.63	25.66	3.28	4.30	24.64	-4.66	-0.52	-2.04	-1.06	-1.50	0.73
		1087	39.46	23.28	3.85	3.90	23.22	-1.03	-1.69	-3.55	-1.71	-3.52	0.22
		1088	39.77	27.93	8.03	8.31	27.66	-2.33	-0.99	-2.82	-1.01	-2.81	0.17
891	3	1059	15.41	5.59	-0.03	0.02	5.54	0.53	1.79	0.27	0.40	1.66	0.42
		1060	14.70	3.65	-1.11	-1.04	3.59	0.55	1.91	0.30	0.38	1.82	0.37
		1087	20.05	4.22	-2.92	-2.47	3.77	1.74	2.55	0.32	0.45	2.41	0.54
		1088	19.92	6.06	-1.50	-0.97	5.53	1.94	2.31	0.25	0.46	2.11	0.62
891	4	1059	13.54	12.64	2.48	3.20	11.91	-2.62	0.17	-0.41	-0.12	-0.13	0.29
		1060	13.14	10.31	1.50	1.88	9.92	-1.80	-0.19	-0.76	-0.39	-0.56	0.27
		1087	15.05	9.41	1.69	1.72	9.38	-0.46	-0.61	-1.27	-0.62	-1.26	0.08
		1088	15.25	11.22	3.22	3.34	11.10	-0.96	-0.35	-1.00	-0.36	-0.99	0.06
892	1	1058	44.63	15.04	-0.85	0.17	14.01	3.90	5.26	0.81	1.27	4.80	1.35
		1059	44.41	9.45	-4.03	-2.85	8.27	3.81	6.03	1.09	1.42	5.70	1.23
		1088	62.87	11.95	-9.30	-6.21	8.86	7.49	8.28	1.10	1.74	7.64	2.05
		1089	60.51	17.07	-4.96	-1.71	13.81	7.82	7.15	0.65	1.55	6.25	2.25
892	2	1058	38.16	39.92	8.80	12.27	36.46	-9.79	1.50	0.04	0.58	0.96	0.71
		1059	34.42	31.71	5.94	7.92	29.74	-6.85	0.44	-1.09	-0.32	-0.33	0.76
		1088	39.77	27.93	8.02	8.29	27.66	-2.30	-0.98	-2.82	-1.00	-2.80	0.19
		1089	41.20	34.27	12.73	13.68	33.31	-4.44	-0.17	-2.05	-0.17	-2.04	0.09
892	3	1058	16.12	7.85	1.23	1.25	7.84	0.32	1.65	0.25	0.42	1.49	0.45
		1059	15.39	5.58	-0.02	0.03	5.53	0.53	1.79	0.27	0.40	1.66	0.42
		1088	19.94	6.07	-1.50	-0.96	5.53	1.95	2.31	0.25	0.46	2.10	0.62
		1089	19.44	8.00	0.28	0.76	7.52	1.86	2.04	0.17	0.46	1.75	0.67
892	4	1058	15.00	15.77	3.55	4.83	14.49	-3.74	0.55	0.01	0.22	0.35	0.26
		1059	13.50	12.63	2.49	3.22	11.89	-2.63	0.16	-0.41	-0.12	-0.13	0.28
		1088	15.25	11.22	3.22	3.34	11.10	-0.95	-0.35	-1.00	-0.36	-0.99	0.07
		1089	15.90	13.67	4.95	5.32	13.30	-1.77	-0.05	-0.71	-0.05	-0.71	0.04
893	1	1057	44.37	21.05	2.65	3.26	20.44	3.29	4.44	0.52	1.12	3.84	1.41
		1058	44.56	15.00	-0.81	0.20	13.98	3.88	5.25	0.81	1.27	4.79	1.35
		1089	60.54	17.12	-4.94	-1.66	13.84	7.85	7.14	0.64	1.54	6.24	2.25
		1090	56.59	21.84	0.32	3.00	19.16	7.10	5.94	0.15	1.35	4.74	2.34
893	2	1057	54.15	50.80	11.61	17.47	44.93	-13.98	2.53	1.34	1.61	2.26	0.50
		1058	38.22	39.91	8.80	12.33	36.38	-9.87	1.48	0.04	0.56	0.96	0.69
		1089	41.23	34.28	12.74	13.67	33.35	-4.37	-0.15	-2.04	-0.15	-2.03	0.11
		1090	44.55	42.87	17.44	20.06	40.25	-7.74	0.76	-1.32	0.76	-1.32	-0.03



893	3	1057	16.90	10.51	2.53	2.54	10.51	-0.20	1.49	0.25	0.45	1.30	0.45
		1058	16.09	7.84	1.25	1.26	7.82	0.30	1.65	0.25	0.42	1.49	0.45
		1089	19.46	8.02	0.29	0.77	7.53	1.88	2.04	0.17	0.46	1.75	0.68
		1090	18.53	9.99	2.35	2.61	9.74	1.37	1.74	0.09	0.47	1.35	0.69
893	4	1057	21.02	19.91	4.60	6.75	17.77	-5.32	0.93	0.49	0.59	0.83	0.19
		1058	15.02	15.76	3.55	4.86	14.46	-3.77	0.55	0.01	0.21	0.35	0.26
		1089	15.91	13.68	4.95	5.32	13.31	-1.74	-0.04	-0.71	-0.04	-0.71	0.04
		1090	17.28	16.97	6.68	7.66	15.99	-3.03	0.30	-0.44	0.30	-0.44	-7.81e-03
894	1	1056	43.94	27.65	5.92	6.05	27.53	1.64	3.65	0.25	1.00	2.91	1.40
		1057	44.29	20.97	2.68	3.27	20.38	3.24	4.43	0.51	1.10	3.84	1.41
		1090	56.57	21.95	0.36	3.06	19.25	7.14	5.91	0.15	1.34	4.71	2.34
		1091	50.69	26.08	6.13	7.48	24.74	5.00	4.70	-0.33	1.16	3.21	2.30
894	2	1056	72.88	64.92	13.94	23.64	55.22	-20.00	3.35	2.65	2.70	3.30	0.17
		1057	54.36	50.81	11.51	17.50	44.82	-14.13	2.51	1.29	1.52	2.28	0.48
		1090	44.75	42.92	17.52	20.08	40.36	-7.65	0.82	-1.33	0.82	-1.33	-0.02
		1091	50.44	54.36	21.43	27.45	48.34	-12.73	1.71	-0.67	1.70	-0.66	-0.17
894	3	1056	17.92	13.68	3.65	3.79	13.54	-1.18	1.32	0.27	0.49	1.10	0.43
		1057	16.87	10.48	2.54	2.54	10.48	-0.23	1.49	0.24	0.44	1.30	0.45
		1090	18.53	10.04	2.37	2.63	9.78	1.39	1.73	0.09	0.47	1.35	0.69
		1091	17.24	12.14	4.44	4.45	12.13	0.31	1.43	7.93e-03	0.49	0.95	0.67
894	4	1056	28.08	25.29	5.46	9.00	21.75	-7.59	1.23	0.98	1.00	1.22	0.06
		1057	21.10	19.92	4.56	6.76	17.72	-5.37	0.92	0.48	0.56	0.84	0.18
		1090	17.36	16.99	6.71	7.67	16.03	-3.00	0.32	-0.44	0.32	-0.44	-5.23e-03
		1091	19.63	21.34	8.14	10.37	19.12	-4.94	0.65	-0.20	0.65	-0.20	-0.06
895	1	1055	43.72	34.51	8.38	8.46	34.43	-1.38	3.05	-0.02	0.91	2.12	1.41
		1056	44.07	27.57	5.87	5.97	27.47	1.47	3.68	0.24	0.96	2.96	1.40
		1091	50.31	26.26	6.29	7.64	24.91	5.02	4.62	-0.38	1.14	3.09	2.30
		1092	43.12	30.23	11.22	11.31	30.15	1.30	3.53	-0.71	0.96	1.86	2.07
895	2	1055	89.05	81.31	16.20	31.99	65.52	-27.91	3.59	3.23	3.58	3.24	-0.06
		1056	73.89	65.36	13.54	23.62	55.27	-20.52	3.41	2.51	2.53	3.39	0.13
		1091	51.37	54.41	21.64	27.68	48.37	-12.70	1.72	-0.83	1.71	-0.82	-0.14
		1092	68.04	69.03	23.73	35.04	57.72	-19.60	2.80	0.57	2.76	0.61	-0.29
895	3	1055	19.03	17.16	4.45	5.08	16.54	-2.75	1.15	0.25	0.53	0.87	0.42
		1056	18.02	13.69	3.60	3.77	13.52	-1.27	1.33	0.26	0.47	1.12	0.43
		1091	17.07	12.20	4.50	4.52	12.19	0.32	1.40	-0.01	0.48	0.90	0.67
		1092	16.38	14.78	5.89	6.11	14.56	-1.39	1.17	-0.02	0.51	0.64	0.59
895	4	1055	34.24	31.53	6.27	12.05	25.75	-10.61	1.32	1.20	1.32	1.20	-0.02
		1056	28.46	25.45	5.31	9.00	21.76	-7.79	1.26	0.93	0.94	1.25	0.05
		1091	19.97	21.36	8.23	10.45	19.14	-4.93	0.65	-0.26	0.65	-0.26	-0.05
		1092	26.49	26.91	8.96	13.14	22.73	-7.59	1.06	0.26	1.04	0.27	-0.11
896	1	102	42.82	38.36	11.00	11.62	37.74	-4.05	2.59	0.64	1.35	1.88	0.94
		1055	44.84	34.73	8.58	8.80	34.51	-2.42	3.31	0.29	1.12	2.48	1.35
		1092	43.51	30.38	11.29	11.44	30.24	1.65	3.63	-0.66	1.16	1.81	2.12
		177	45.49	35.21	12.78	13.47	34.53	-3.86	2.50	-2.28	0.66	-0.43	2.33
896	2	102	103.97	89.59	29.84	50.65	68.78	-28.46	5.99	2.92	5.76	3.15	-0.81
		1055	89.95	84.55	15.25	33.76	66.05	-30.65	3.27	2.70	3.27	2.70	-0.04
		1092	66.15	68.49	24.82	35.38	57.92	-18.70	2.46	0.98	2.45	0.98	0.09
		177	98.12	84.63	17.53	32.92	69.24	-28.21	7.76	2.30	7.70	2.36	-0.58
896	3	102	20.32	19.05	6.18	7.37	17.86	-3.73	1.05	0.63	0.83	0.84	0.21
		1055	19.52	17.49	4.42	5.31	16.60	-3.29	1.20	0.34	0.59	0.95	0.39
		1092	16.67	14.77	6.01	6.18	14.60	-1.22	1.24	-0.03	0.56	0.66	0.63
		177	20.45	18.00	5.37	6.56	16.81	-3.69	1.13	-0.35	0.74	0.03	0.65
896	4	102	39.87	34.69	11.31	18.94	27.06	-10.96	2.23	1.13	2.14	1.22	-0.31
		1055	34.66	32.73	5.92	12.70	25.95	-11.65	1.23	1.01	1.23	1.02	-0.02
		1092	25.85	26.71	9.36	13.27	22.80	-7.25	0.94	0.41	0.94	0.41	0.03
		177	37.40	32.88	6.54	12.32	27.10	-10.90	2.85	0.84	2.83	0.86	-0.21
897	1	1074	40.59	29.36	11.57	11.66	29.26	-1.31	3.30	-0.61	1.05	1.64	-1.93
		275	42.11	33.29	13.50	13.97	32.82	3.04	3.71	-1.02	0.93	1.76	-2.33
		199	39.40	25.91	25.20	25.63	25.49	0.35	3.21	-1.92	2.11	-0.83	-2.10
		1093	56.27	29.21	15.21	19.75	24.66	-6.56	4.32	-3.02	0.46	0.84	-3.66
897	2	1074	69.77	71.23	22.86	35.67	58.42	21.34	1.84	-0.05	1.54	0.25	0.69
		275	113.23	85.87	14.62	32.00	68.49	30.60	9.52	5.69	9.43	5.78	0.57
		199	102.90	84.90	27.54	62.96	49.49	27.88	6.35	-0.15	6.30	-0.09	0.60
		1093	64.96	54.75	35.40	41.74	48.40	9.08	3.49	1.63	3.07	2.05	0.78
897	3	1074	15.51	14.63	5.99	6.27	14.35	1.52	1.02	-0.04	0.44	0.54	-0.53
		275	19.28	17.46	5.42	6.63	16.24	3.63	1.64	0.34	0.98	0.99	-0.65
		199	16.58	15.10	9.85	12.44	12.52	2.62	1.31	-0.47	1.09	-0.26	-0.58
		1093	18.04	12.39	8.84	9.10	12.13	-0.92	1.41	-0.66	0.36	0.39	-1.03
897	4	1074	27.09	27.71	8.66	13.38	22.99	8.23	0.70	0.02	0.59	0.13	0.25
		275	43.28	33.32	5.46	11.98	26.81	11.79	3.53	2.15	3.50	2.18	0.21
		199	38.69	32.52	10.61	23.50	19.63	10.78	2.36	-0.07	2.33	-0.05	0.23
		1093	24.90	21.51	13.27	15.61	19.17	3.72	1.28	0.60	1.13	0.75	0.28
898	1	1075	49.77	25.70	6.58	8.26	24.02	-5.41	4.63	-0.28	1.28	3.07	-2.29
		1074	39.92	29.36	12.41	12.50	29.28	-1.22	3.12	-0.94	0.79	1.40	-2.01
		1093	58.27	28.48	13.09	17.97	23.59	-7.17	5.33	-1.62	1.86	1.85	-3.47
		1094	69.18	28.25	4.44	11.29	21.40	-10.78	6.52	-1.34	1.31	3.88	-3.71
898	2	1075	50.26	54.04	21.57	27.44	48.16	12.50	1.71	-0.70	1.69	-0.69	0.17



		1074	71.54	70.33	22.89	35.38	57.84	20.89	3.04	0.22	2.85	0.40	0.71
		1093	67.96	53.95	33.50	39.81	47.64	9.45	4.38	2.66	4.29	2.75	0.38
		1094	57.93	44.43	27.43	28.38	43.48	3.91	3.53	2.87	3.04	3.37	0.28
898	3	1075	16.91	11.93	4.65	4.68	11.90	-0.46	1.41	0.02	0.52	0.91	-0.67
		1074	15.23	14.59	6.21	6.50	14.31	1.51	1.02	-0.07	0.46	0.49	-0.54
		1093	19.49	12.07	8.10	8.43	11.75	-1.09	1.81	-0.20	0.87	0.74	-1.01
		1094	22.85	11.83	4.49	5.62	10.71	-2.65	2.15	-0.15	0.61	1.39	-1.08
898	4	1075	19.55	21.22	8.20	10.36	19.06	4.85	0.65	-0.21	0.64	-0.21	0.06
		1074	27.72	27.38	8.67	13.28	22.77	8.06	1.15	0.12	1.08	0.19	0.26
		1093	25.95	21.20	12.56	14.90	18.87	3.83	1.62	0.98	1.59	1.01	0.14
		1094	22.34	17.67	10.26	10.68	17.25	1.71	1.30	1.06	1.12	1.24	0.10
899	1	1076	55.79	22.23	0.78	3.86	19.15	-7.53	5.73	0.09	1.33	4.49	-2.34
		1075	49.18	25.82	6.86	8.43	24.24	-5.23	4.44	-0.49	1.04	2.91	-2.28
		1094	69.40	28.07	3.91	11.05	20.93	-11.02	6.76	-0.92	1.75	4.09	-3.66
		1095	78.67	25.88	-3.86	4.29	17.73	-13.26	8.21	-0.47	1.63	6.11	-3.72
899	2	1076	44.48	42.73	17.44	19.99	40.19	7.61	0.82	-1.29	0.82	-1.29	-3.09e-03
		1075	50.58	54.64	21.43	27.59	48.49	12.91	1.72	-0.70	1.70	-0.68	0.21
		1094	57.63	43.47	27.29	28.07	42.69	3.47	3.60	3.09	3.29	3.39	0.25
		1095	48.41	36.99	19.16	19.16	36.99	0.18	3.14	2.13	2.17	3.10	0.19
899	3	1076	18.26	10.05	2.54	2.86	9.73	-1.51	1.68	0.07	0.47	1.28	-0.70
		1075	16.69	12.01	4.73	4.75	11.99	-0.37	1.35	-0.04	0.45	0.86	-0.66
		1094	23.01	11.73	4.29	5.52	10.50	-2.76	2.23	-0.02	0.76	1.45	-1.07
		1095	25.86	10.78	1.13	2.88	9.03	-3.73	2.63	0.04	0.64	2.03	-1.09
899	4	1076	17.26	16.92	6.68	7.64	15.96	2.98	0.32	-0.43	0.32	-0.43	-3.02e-03
		1075	19.68	21.45	8.15	10.42	19.18	5.01	0.65	-0.21	0.65	-0.20	0.08
		1094	22.20	17.29	10.22	10.57	16.95	1.53	1.32	1.14	1.22	1.25	0.09
		1095	18.77	14.74	7.28	7.29	14.73	0.26	1.15	0.79	0.80	1.14	0.07
900	1	1077	59.99	18.12	-4.49	-0.80	14.43	-8.35	6.87	0.53	1.46	5.93	-2.25
		1076	55.70	22.25	0.89	3.93	19.21	-7.46	5.68	0.01	1.24	4.45	-2.34
		1095	78.64	25.82	-4.09	4.15	17.58	-13.37	8.27	-0.33	1.78	6.16	-3.70
		1096	86.03	22.32	-10.66	-2.65	14.31	-14.14	9.85	0.26	1.87	8.24	-3.58
900	2	1077	41.15	34.19	12.70	13.63	33.27	4.36	-0.15	-2.04	-0.15	-2.03	-0.11
		1076	44.63	42.93	17.49	20.12	40.30	7.75	0.76	-1.31	0.76	-1.31	1.67e-03
		1095	48.25	36.71	19.02	19.02	36.71	-0.02	3.15	2.23	2.27	3.11	0.19
		1096	41.57	31.51	11.49	11.68	31.32	-1.96	2.74	1.33	1.34	2.73	0.13
900	3	1077	19.26	8.27	0.46	1.03	7.70	-2.03	1.96	0.14	0.44	1.66	-0.68
		1076	18.22	10.06	2.59	2.89	9.76	-1.47	1.66	0.05	0.44	1.27	-0.69
		1095	25.86	10.76	1.03	2.83	8.96	-3.78	2.65	0.09	0.69	2.05	-1.08
		1096	28.18	9.41	-1.63	0.30	7.49	-4.19	3.09	0.20	0.65	2.63	-1.05
900	4	1077	15.88	13.64	4.94	5.30	13.28	1.74	-0.04	-0.71	-0.04	-0.71	-0.04
		1076	17.31	17.00	6.70	7.69	16.01	3.03	0.30	-0.44	0.30	-0.44	-8.06e-04
		1095	18.70	14.63	7.23	7.24	14.62	0.18	1.16	0.82	0.84	1.14	0.07
		1096	16.16	12.57	4.50	4.54	12.53	-0.58	1.01	0.49	0.50	1.00	0.05
901	1	1078	62.78	13.53	-8.85	-5.39	10.06	-8.10	7.98	0.98	1.64	7.32	-2.05
		1077	60.02	18.13	-4.43	-0.77	14.47	-8.32	6.87	0.50	1.44	5.93	-2.25
		1096	86.03	22.28	-10.80	-2.76	14.25	-14.19	9.87	0.31	1.92	8.26	-3.57
		1097	91.47	17.86	-16.12	-9.34	11.08	-13.57	11.41	0.94	2.09	10.26	-3.27
901	2	1078	39.76	27.88	8.00	8.27	27.62	2.28	-0.98	-2.83	-1.00	-2.81	-0.18
		1077	41.28	34.29	12.76	13.72	33.33	4.43	-0.17	-2.05	-0.17	-2.04	-0.12
		1096	41.47	31.40	11.35	11.56	31.18	-2.06	2.75	1.36	1.37	2.74	0.13
		1097	37.25	26.99	5.06	5.47	26.59	-2.97	2.36	0.60	0.60	2.35	0.08
901	3	1078	19.88	6.51	-1.35	-0.72	5.88	-2.13	2.22	0.21	0.43	2.01	-0.62
		1077	19.27	8.28	0.48	1.04	7.72	-2.01	1.95	0.13	0.43	1.65	-0.68
		1096	28.18	9.40	-1.69	0.25	7.46	-4.21	3.10	0.21	0.67	2.64	-1.05
		1097	29.89	7.80	-3.85	-2.13	6.09	-4.13	3.53	0.34	0.66	3.20	-0.97
901	4	1078	15.25	11.20	3.22	3.33	11.09	0.94	-0.35	-1.00	-0.36	-0.99	-0.07
		1077	15.93	13.68	4.96	5.33	13.30	1.77	-0.05	-0.71	-0.05	-0.71	-0.05
		1096	16.12	12.52	4.45	4.50	12.47	-0.62	1.01	0.50	0.51	1.00	0.05
		1097	14.47	10.79	2.14	2.26	10.68	-0.99	0.86	0.22	0.22	0.86	0.03
902	1	1079	64.33	8.68	-12.23	-9.54	5.99	-6.99	8.99	1.38	1.82	8.56	-1.76
		1078	62.81	13.53	-8.81	-5.37	10.09	-8.07	7.99	0.97	1.63	7.32	-2.05
		1097	91.48	17.82	-16.21	-9.44	11.05	-13.59	11.42	0.96	2.10	10.27	-3.27
		1098	95.06	12.82	-20.36	-15.45	7.91	-11.78	12.80	1.54	2.29	12.05	-2.81
902	2	1079	39.48	23.25	3.84	3.90	23.19	1.02	-1.69	-3.56	-1.71	-3.53	-0.21
		1078	39.85	27.94	8.06	8.33	27.66	2.33	-0.99	-2.84	-1.01	-2.82	-0.20
		1097	37.21	26.94	4.95	5.38	26.51	-3.02	2.36	0.61	0.61	2.35	0.08
		1098	34.95	23.26	-3.86e-03	0.44	22.82	-3.17	1.98	-0.03	-0.03	1.98	0.04
902	3	1079	20.15	4.79	-2.79	-2.27	4.27	-1.92	2.47	0.28	0.43	2.32	-0.54
		1078	19.90	6.52	-1.33	-0.71	5.90	-2.12	2.23	0.21	0.42	2.01	-0.62
		1097	29.89	7.79	-3.89	-2.17	6.07	-4.14	3.53	0.34	0.67	3.21	-0.96
		1098	31.00	6.07	-5.58	-4.30	4.79	-3.64	3.92	0.46	0.67	3.71	-0.83
902	4	1079	15.06	9.39	1.69	1.72	9.37	0.46	-0.61	-1.27	-0.62	-1.26	-0.08
		1078	15.29	11.22	3.23	3.35	11.10	0.96	-0.35	-1.00	-0.36	-0.99	-0.07
		1097	14.45	10.77	2.10	2.22	10.65	-1.01	0.86	0.22	0.22	0.86	0.03
		1098	13.50	9.34	0.27	0.41	9.21	-1.09	0.72	-0.01	-0.01	0.72	0.02
903	1	1080	64.86	3.90	-14.64	-12.96	2.22	-5.32	9.84	1.73	1.97	9.60	-1.39
		1079	64.35	8.67	-12.20	-9.53	6.00	-6.97	9.00	1.38	1.81	8.56	-1.76



		1098	95.06	12.79	-20.43	-15.53	7.89	-11.77	12.81	1.55	2.29	12.06	-2.80
		1099	96.97	7.63	-23.51	-20.58	4.70	-9.09	13.95	2.04	2.47	13.52	-2.22
903	2	1080	39.74	19.90	0.50	0.50	19.89	0.33	-2.25	-4.17	-2.27	-4.15	-0.20
		1079	39.54	23.28	3.88	3.94	23.23	1.05	-1.68	-3.56	-1.71	-3.54	-0.22
		1098	34.94	23.22	-0.09	0.36	22.78	-3.20	1.98	-0.03	-0.03	1.98	0.04
		1099	34.05	20.31	-3.80	-3.46	19.97	-2.82	1.65	-0.54	-0.54	1.65	0.02
903	3	1080	20.12	3.18	-3.86	-3.53	2.85	-1.49	2.67	0.35	0.43	2.59	-0.43
		1079	20.16	4.79	-2.78	-2.26	4.28	-1.91	2.47	0.28	0.43	2.32	-0.54
		1098	31.00	6.06	-5.61	-4.33	4.78	-3.64	3.92	0.46	0.67	3.71	-0.83
		1099	31.58	4.34	-6.87	-6.10	3.57	-2.84	4.24	0.57	0.69	4.12	-0.66
903	4	1080	15.08	8.09	0.46	0.46	8.08	0.18	-0.82	-1.49	-0.83	-1.49	-0.07
		1079	15.08	9.41	1.70	1.73	9.38	0.47	-0.61	-1.27	-0.62	-1.26	-0.08
		1098	13.50	9.33	0.24	0.38	9.19	-1.10	0.72	-0.01	-0.01	0.72	0.01
		1099	13.07	8.20	-1.13	-1.03	8.09	-0.98	0.60	-0.20	-0.20	0.60	5.71e-03
904	1	1081	64.66	-0.36	-16.18	-15.41	-1.13	-3.39	10.50	1.99	2.10	10.39	-0.96
		1080	64.83	3.88	-14.61	-12.95	2.21	-5.29	9.84	1.72	1.97	9.60	-1.39
		1099	96.98	7.58	-23.56	-20.64	4.67	-9.07	13.96	2.04	2.47	13.53	-2.22
		1100	97.57	2.80	-25.69	-24.41	1.51	-5.91	14.82	2.41	2.61	14.63	-1.55
904	2	1081	40.17	17.61	-1.91	-1.91	17.61	0.02	-2.66	-4.62	-2.67	-4.61	-0.15
		1080	39.78	19.92	0.53	0.54	19.92	0.35	-2.25	-4.17	-2.27	-4.15	-0.21
		1099	34.06	20.28	-3.86	-3.52	19.95	-2.83	1.65	-0.54	-0.54	1.65	0.02
		1100	33.92	18.17	-6.42	-6.24	17.99	-2.07	1.39	-0.91	-0.91	1.39	4.62e-03
904	3	1081	19.90	1.79	-4.58	-4.43	1.64	-0.96	2.82	0.40	0.44	2.79	-0.30
		1080	20.12	3.18	-3.85	-3.52	2.85	-1.49	2.67	0.35	0.43	2.59	-0.43
		1099	31.58	4.32	-6.89	-6.13	3.56	-2.83	4.24	0.57	0.69	4.12	-0.66
		1100	31.75	2.77	-7.78	-7.44	2.43	-1.86	4.48	0.65	0.70	4.43	-0.46
904	4	1081	15.19	7.20	-0.43	-0.43	7.20	0.04	-0.97	-1.66	-0.98	-1.66	-0.06
		1080	15.10	8.10	0.47	0.47	8.09	0.19	-0.82	-1.50	-0.83	-1.49	-0.08
		1099	13.07	8.19	-1.16	-1.05	8.08	-0.99	0.60	-0.20	-0.20	0.60	4.87e-03
		1100	12.94	7.37	-2.11	-2.05	7.32	-0.73	0.50	-0.34	-0.34	0.50	9.29e-04
905	1	1082	64.09	-3.54	-17.00	-16.83	-3.71	-1.51	10.93	2.17	2.20	10.90	-0.49
		1081	64.53	-0.40	-16.15	-15.40	-1.16	-3.37	10.49	1.99	2.10	10.38	-0.96
		1100	97.64	2.74	-25.72	-24.44	1.46	-5.90	14.85	2.42	2.62	14.65	-1.55
		1101	97.44	-0.98	-27.03	-26.74	-1.27	-2.74	15.42	2.67	2.72	15.36	-0.82
905	2	1082	40.52	16.28	-3.36	-3.36	16.27	-0.05	-2.92	-4.91	-2.92	-4.90	-0.08
		1081	40.19	17.63	-1.89	-1.89	17.63	0.03	-2.66	-4.63	-2.68	-4.61	-0.16
		1100	33.93	18.15	-6.46	-6.28	17.98	-2.08	1.39	-0.91	-0.91	1.39	1.44e-03
		1101	34.05	16.87	-7.96	-7.91	16.82	-1.09	1.22	-1.14	-1.14	1.22	5.29e-04
905	3	1082	19.63	0.79	-4.99	-4.96	0.75	-0.43	2.93	0.44	0.45	2.92	-0.15
		1081	19.87	1.78	-4.57	-4.42	1.64	-0.96	2.82	0.40	0.44	2.78	-0.30
		1100	31.77	2.76	-7.79	-7.45	2.42	-1.86	4.49	0.65	0.71	4.43	-0.46
		1101	31.69	1.57	-8.33	-8.25	1.50	-0.87	4.65	0.70	0.72	4.63	-0.24
905	4	1082	15.30	6.67	-0.96	-0.96	6.67	-7.51e-04	-1.06	-1.77	-1.07	-1.77	-0.03
		1081	15.20	7.20	-0.42	-0.42	7.20	0.05	-0.97	-1.66	-0.98	-1.66	-0.06
		1100	12.95	7.37	-2.13	-2.07	7.31	-0.73	0.50	-0.34	-0.34	0.50	8.91e-05
		1101	12.94	6.87	-2.68	-2.67	6.86	-0.38	0.44	-0.42	-0.42	0.44	-2.80e-04
906	1	1083	63.53	-5.07	-17.27	-17.27	-5.07	0.16	11.10	2.25	2.25	11.10	-0.02
		1082	63.90	-3.58	-16.98	-16.81	-3.75	-1.50	10.91	2.17	2.19	10.88	-0.48
		1101	97.58	-1.04	-27.05	-26.75	-1.33	-2.76	15.46	2.69	2.75	15.41	-0.84
		1102	97.20	-2.92	-27.59	-27.59	-2.92	0.11	15.71	2.80	2.80	15.71	-0.05
906	2	1083	40.65	15.84	-3.83	-3.83	15.84	-5.71e-03	-3.00	-5.00	-3.00	-5.00	7.16e-03
		1082	40.53	16.28	-3.34	-3.34	16.28	-0.04	-2.92	-4.91	-2.92	-4.90	-0.09
		1101	34.06	16.87	-7.98	-7.93	16.82	-1.10	1.22	-1.14	-1.14	1.22	-2.63e-03
		1102	34.13	16.44	-8.47	-8.47	16.44	1.13e-03	1.16	-1.21	-1.21	1.16	1.57e-03
906	3	1083	19.42	0.31	-5.12	-5.12	0.31	0.05	2.97	0.46	0.46	2.97	-4.65e-03
		1082	19.57	0.77	-4.98	-4.95	0.74	-0.43	2.92	0.44	0.45	2.91	-0.15
		1101	31.74	1.56	-8.33	-8.25	1.48	-0.88	4.66	0.71	0.73	4.64	-0.25
		1102	31.62	0.97	-8.54	-8.54	0.97	0.03	4.73	0.74	0.74	4.73	-0.01
906	4	1083	15.34	6.50	-1.14	-1.14	6.50	-2.13e-03	-1.10	-1.80	-1.10	-1.80	2.47e-03
		1082	15.30	6.68	-0.96	-0.96	6.68	3.75e-03	-1.06	-1.77	-1.07	-1.77	-0.03
		1101	12.95	6.87	-2.69	-2.68	6.86	-0.39	0.44	-0.42	-0.42	0.44	-1.11e-03
		1102	12.96	6.71	-2.88	-2.88	6.71	4.59e-04	0.42	-0.45	-0.45	0.42	4.13e-04
907	1	1084	63.29	-4.59	-17.07	-16.84	-4.82	1.67	11.00	2.21	2.24	10.98	0.46
		1083	63.44	-5.08	-17.27	-17.27	-5.09	0.16	11.09	2.25	2.25	11.09	6.16e-03
		1102	97.26	-2.95	-27.59	-27.59	-2.95	0.07	15.73	2.81	2.81	15.73	-0.08
		1103	97.16	-2.46	-27.37	-27.07	-2.76	2.72	15.65	2.77	2.81	15.61	0.73
907	2	1084	40.53	16.28	-3.34	-3.34	16.28	0.04	-2.92	-4.91	-2.92	-4.90	0.09
		1083	40.65	15.84	-3.83	-3.83	15.84	5.71e-03	-3.00	-5.00	-3.00	-5.00	-7.16e-03
		1102	34.13	16.44	-8.47	-8.47	16.44	-1.14e-03	1.16	-1.21	-1.21	1.16	-1.57e-03
		1103	34.06	16.87	-7.98	-7.93	16.82	1.10	1.22	-1.14	-1.14	1.22	2.63e-03
907	3	1084	19.39	0.47	-5.00	-4.96	0.42	0.48	2.95	0.45	0.46	2.94	0.14
		1083	19.39	0.30	-5.12	-5.12	0.30	0.05	2.97	0.46	0.46	2.97	1.48e-03
		1102	31.64	0.96	-8.54	-8.54	0.96	0.02	4.74	0.74	0.74	4.74	-0.02
		1103	31.61	1.13	-8.43	-8.35	1.05	0.87	4.72	0.73	0.75	4.70	0.22
907	4	1084	15.30	6.68	-0.96	-0.96	6.68	-3.75e-03	-1.06	-1.77	-1.07	-1.77	0.03
		1083	15.34	6.50	-1.14	-1.14	6.50	2.13e-03	-1.10	-1.80	-1.10	-1.80	-2.47e-03
		1102	12.96	6.71	-2.88	-2.88	6.71	-4.61e-04	0.42	-0.45	-0.45	0.42	-4.13e-04



		1103	12.95	6.87	-2.69	-2.68	6.86	0.39	0.44	-0.42	-0.42	0.44	1.11e-03
908	1	1085	63.48	-2.18	-16.32	-15.55	-2.95	3.20	10.65	2.07	2.17	10.55	0.93
		1084	63.40	-4.58	-17.08	-16.85	-4.81	1.67	11.02	2.21	2.24	10.99	0.48
		1103	97.05	-2.44	-27.35	-27.06	-2.73	2.68	15.62	2.76	2.80	15.58	0.70
		1104	97.19	0.37	-26.33	-25.20	-0.76	5.38	15.20	2.58	2.75	15.02	1.47
908	2	1085	40.19	17.63	-1.89	-1.89	17.63	-0.03	-2.66	-4.63	-2.68	-4.61	0.16
		1084	40.52	16.28	-3.36	-3.36	16.27	0.05	-2.92	-4.91	-2.92	-4.90	0.08
		1103	34.05	16.87	-7.96	-7.91	16.82	1.09	1.22	-1.14	-1.14	1.22	-5.29e-04
		1104	33.93	18.15	-6.46	-6.28	17.98	2.08	1.39	-0.91	-0.91	1.39	-1.44e-03
908	3	1085	19.55	1.25	-4.61	-4.47	1.10	0.91	2.87	0.43	0.46	2.83	0.29
		1084	19.42	0.47	-5.01	-4.96	0.43	0.48	2.95	0.45	0.46	2.94	0.15
		1103	31.58	1.14	-8.42	-8.34	1.06	0.85	4.71	0.73	0.74	4.70	0.21
		1104	31.64	2.06	-7.97	-7.67	1.76	1.71	4.59	0.70	0.74	4.54	0.43
908	4	1085	15.20	7.20	-0.42	-0.42	7.20	-0.05	-0.97	-1.66	-0.98	-1.66	0.06
		1084	15.30	6.67	-0.96	-0.96	6.67	7.50e-04	-1.06	-1.77	-1.07	-1.77	0.03
		1103	12.94	6.87	-2.68	-2.67	6.86	0.38	0.44	-0.42	-0.42	0.44	2.80e-04
		1104	12.95	7.37	-2.13	-2.07	7.31	0.73	0.50	-0.34	-0.34	0.50	-8.91e-05
909	1	1086	63.81	1.75	-14.87	-13.35	0.23	4.80	10.06	1.82	2.06	9.83	1.37
		1085	63.67	-2.15	-16.34	-15.58	-2.92	3.20	10.67	2.07	2.17	10.57	0.94
		1104	97.02	0.43	-26.30	-25.17	-0.69	5.37	15.15	2.56	2.73	14.98	1.45
		1105	96.88	4.96	-24.40	-21.89	2.46	8.20	14.40	2.24	2.63	14.02	2.14
909	2	1086	39.78	19.92	0.53	0.54	19.92	-0.35	-2.25	-4.17	-2.27	-4.15	0.21
		1085	40.17	17.61	-1.91	-1.91	17.61	-0.02	-2.66	-4.62	-2.67	-4.61	0.15
		1104	33.92	18.17	-6.42	-6.24	17.99	2.07	1.39	-0.91	-0.91	1.39	-4.62e-03
		1105	34.06	20.28	-3.86	-3.52	19.95	2.83	1.65	-0.54	-0.54	1.65	-0.02
909	3	1086	19.82	2.55	-3.93	-3.64	2.26	1.34	2.73	0.38	0.46	2.65	0.42
		1085	19.61	1.26	-4.62	-4.48	1.11	0.91	2.87	0.43	0.46	2.84	0.29
		1104	31.60	2.08	-7.96	-7.66	1.78	1.70	4.58	0.69	0.74	4.53	0.43
		1105	31.58	3.56	-7.16	-6.49	2.90	2.58	4.37	0.62	0.74	4.26	0.63
909	4	1086	15.10	8.10	0.47	0.47	8.09	-0.19	-0.82	-1.50	-0.83	-1.49	0.08
		1085	15.19	7.20	-0.43	-0.43	7.20	-0.04	-0.97	-1.66	-0.98	-1.66	0.06
		1104	12.94	7.37	-2.11	-2.05	7.32	0.73	0.50	-0.34	-0.34	0.50	-9.29e-04
		1105	13.07	8.19	-1.16	-1.05	8.08	0.99	0.60	-0.20	-0.20	0.60	-4.87e-03
910	1	1087	63.71	6.63	-12.56	-10.19	4.26	6.31	9.26	1.50	1.92	8.85	1.74
		1086	63.92	1.78	-14.90	-13.37	0.25	4.82	10.07	1.83	2.06	9.84	1.37
		1105	96.80	5.03	-24.35	-21.84	2.52	8.22	14.38	2.23	2.61	13.99	2.14
		1106	95.69	10.44	-21.43	-17.14	6.16	10.87	13.33	1.78	2.47	12.65	2.73
910	2	1087	39.54	23.28	3.88	3.94	23.23	-1.05	-1.68	-3.56	-1.71	-3.54	0.22
		1086	39.74	19.90	0.50	0.50	19.89	-0.33	-2.25	-4.17	-2.27	-4.15	0.20
		1105	34.05	20.31	-3.80	-3.46	19.97	2.82	1.65	-0.54	-0.54	1.65	-0.02
		1106	34.94	23.22	-0.09	0.36	22.78	3.20	1.98	-0.03	-0.03	1.98	-0.04
910	3	1087	19.98	4.20	-2.90	-2.46	3.76	1.71	2.54	0.32	0.46	2.41	0.53
		1086	19.85	2.56	-3.94	-3.65	2.26	1.35	2.74	0.38	0.46	2.66	0.42
		1105	31.55	3.58	-7.14	-6.47	2.92	2.58	4.37	0.62	0.73	4.26	0.63
		1106	31.23	5.38	-5.93	-4.81	4.27	3.37	4.08	0.53	0.73	3.88	0.81
910	4	1087	15.08	9.41	1.70	1.73	9.38	-0.47	-0.61	-1.27	-0.62	-1.26	0.08
		1086	15.08	8.09	0.46	0.46	8.08	-0.18	-0.82	-1.49	-0.83	-1.49	0.07
		1105	13.07	8.20	-1.13	-1.03	8.09	0.98	0.60	-0.20	-0.20	0.60	-5.71e-03
		1106	13.50	9.33	0.24	0.38	9.19	1.10	0.72	-0.01	-0.01	0.72	-0.01
911	1	1088	62.68	11.87	-9.25	-6.21	8.83	7.41	8.27	1.10	1.74	7.63	2.04
		1087	63.73	6.65	-12.59	-10.21	4.27	6.34	9.26	1.50	1.92	8.85	1.74
		1106	95.70	10.50	-21.36	-17.06	6.20	10.88	13.33	1.77	2.46	12.64	2.74
		1107	93.00	16.04	-17.27	-11.19	9.96	12.86	12.01	1.22	2.29	10.94	3.23
911	2	1088	39.85	27.94	8.06	8.33	27.66	-2.33	-0.99	-2.84	-1.01	-2.82	0.20
		1087	39.48	23.25	3.84	3.90	23.19	-1.02	-1.69	-3.56	-1.71	-3.53	0.21
		1106	34.95	23.26	-3.86e-03	0.44	22.82	3.17	1.98	-0.03	-0.03	1.98	-0.04
		1107	37.21	26.94	4.95	5.38	26.51	3.02	2.36	0.61	0.61	2.35	-0.08
911	3	1088	19.88	6.05	-1.49	-0.96	5.52	1.93	2.31	0.25	0.46	2.10	0.62
		1087	19.98	4.21	-2.91	-2.46	3.76	1.72	2.54	0.32	0.46	2.41	0.53
		1106	31.23	5.40	-5.90	-4.78	4.28	3.37	4.08	0.53	0.72	3.88	0.81
		1107	30.40	7.29	-4.23	-2.69	5.75	3.93	3.71	0.42	0.72	3.41	0.95
911	4	1088	15.29	11.22	3.23	3.35	11.10	-0.96	-0.35	-1.00	-0.36	-0.99	0.07
		1087	15.06	9.39	1.69	1.72	9.37	-0.46	-0.61	-1.27	-0.62	-1.26	0.08
		1106	13.50	9.34	0.27	0.41	9.21	1.09	0.72	-0.01	-0.01	0.72	-0.02
		1107	14.45	10.77	2.10	2.22	10.65	1.01	0.86	0.22	0.22	0.86	-0.03
912	1	1089	60.37	17.04	-4.89	-1.67	13.82	7.76	7.13	0.64	1.54	6.24	2.24
		1088	62.65	11.88	-9.29	-6.22	8.82	7.45	8.27	1.11	1.75	7.63	2.04
		1107	93.01	16.09	-17.17	-11.09	10.00	12.86	12.01	1.20	2.28	10.93	3.24
		1108	88.23	21.16	-11.77	-4.40	13.79	13.73	10.47	0.56	2.09	8.93	3.59
912	2	1089	41.28	34.29	12.76	13.72	33.33	-4.43	-0.17	-2.05	-0.17	-2.04	0.12
		1088	39.76	27.88	8.00	8.27	27.62	-2.28	-0.98	-2.83	-1.00	-2.81	0.18
		1107	37.25	26.99	5.06	5.47	26.59	2.97	2.36	0.60	0.60	2.35	-0.08
		1108	41.47	31.40	11.35	11.56	31.18	2.06	2.75	1.36	1.37	2.74	-0.13
912	3	1089	19.41	8.00	0.30	0.78	7.52	1.85	2.03	0.17	0.46	1.74	0.67
		1088	19.87	6.05	-1.50	-0.97	5.52	1.94	2.31	0.25	0.46	2.10	0.62
		1107	30.40	7.31	-4.19	-2.65	5.76	3.92	3.71	0.41	0.72	3.40	0.95
		1108	28.90	9.10	-2.01	-0.23	7.32	4.08	3.28	0.28	0.72	2.84	1.05



912	4	1089	15.93	13.68	4.96	5.33	13.30	-1.77	-0.05	-0.71	-0.05	-0.71	0.05
		1088	15.25	11.20	3.22	3.33	11.09	-0.94	-0.35	-1.00	-0.36	-0.99	0.07
		1107	14.47	10.79	2.14	2.26	10.68	0.99	0.86	0.22	0.22	0.86	-0.03
		1108	16.12	12.52	4.45	4.50	12.47	0.62	1.01	0.50	0.51	1.00	-0.05
913	1	1090	56.42	21.83	0.42	3.05	19.20	7.03	5.91	0.13	1.32	4.72	2.34
		1089	60.34	17.04	-4.95	-1.70	13.78	7.81	7.14	0.67	1.57	6.24	2.24
		1108	88.25	21.21	-11.63	-4.28	13.86	13.69	10.45	0.51	2.05	8.91	3.60
		1109	81.13	25.33	-4.85	2.78	17.69	13.12	8.80	-0.14	1.91	6.74	3.76
913	2	1090	44.63	42.93	17.49	20.12	40.30	-7.75	0.76	-1.31	0.76	-1.31	-1.67e-03
		1089	41.15	34.19	12.70	13.63	33.27	-4.36	-0.15	-2.04	-0.15	-2.03	0.11
		1108	41.57	31.51	11.49	11.68	31.32	1.96	2.74	1.33	1.34	2.73	-0.13
		1109	48.25	36.71	19.02	19.02	36.71	0.02	3.15	2.23	2.27	3.11	-0.19
913	3	1090	18.49	10.00	2.38	2.63	9.75	1.35	1.73	0.08	0.46	1.35	0.69
		1089	19.41	7.99	0.28	0.76	7.51	1.87	2.04	0.18	0.47	1.75	0.67
		1108	28.91	9.12	-1.96	-0.19	7.35	4.06	3.27	0.27	0.70	2.83	1.06
		1109	26.68	10.66	0.76	2.43	8.99	3.70	2.81	0.15	0.73	2.22	1.10
913	4	1090	17.31	17.00	6.70	7.69	16.01	-3.03	0.30	-0.44	0.30	-0.44	8.06e-04
		1089	15.88	13.64	4.94	5.30	13.28	-1.74	-0.04	-0.71	-0.04	-0.71	0.04
		1108	16.16	12.57	4.50	4.54	12.53	0.58	1.01	0.49	0.50	1.00	-0.05
		1109	18.70	14.63	7.23	7.24	14.62	-0.18	1.16	0.82	0.84	1.14	-0.07
914	1	1091	50.14	26.13	6.33	7.62	24.85	4.89	4.59	-0.41	1.08	3.10	2.29
		1090	56.51	21.81	0.31	2.98	19.13	7.10	5.95	0.21	1.41	4.75	2.34
		1109	81.15	25.39	-4.61	2.93	17.85	13.01	8.74	-0.28	1.77	6.69	3.78
		1110	71.70	28.10	3.47	10.00	21.57	10.87	7.16	-0.84	1.82	4.49	3.77
914	2	1091	50.58	54.64	21.43	27.59	48.49	-12.91	1.72	-0.70	1.70	-0.68	-0.21
		1090	44.48	42.73	17.44	19.99	40.19	-7.61	0.82	-1.29	0.82	-1.29	3.09e-03
		1109	48.41	36.99	19.16	19.16	36.99	-0.18	3.14	2.13	2.17	3.10	-0.19
		1110	57.63	43.47	27.29	28.07	42.69	-3.47	3.60	3.09	3.29	3.39	-0.25
914	3	1091	17.05	12.18	4.50	4.50	12.17	0.27	1.39	-0.01	0.46	0.92	0.66
		1090	18.54	9.98	2.34	2.60	9.73	1.38	1.74	0.11	0.49	1.36	0.69
		1109	26.68	10.69	0.85	2.48	9.06	3.65	2.79	0.10	0.68	2.20	1.11
		1110	23.76	11.81	4.09	5.21	10.69	2.71	2.35	8.35e-03	0.78	1.57	1.10
914	4	1091	19.68	21.45	8.15	10.42	19.18	-5.01	0.65	-0.21	0.65	-0.20	-0.08
		1090	17.26	16.92	6.68	7.64	15.96	-2.98	0.32	-0.43	0.32	-0.43	3.02e-03
		1109	18.77	14.74	7.28	7.29	14.73	-0.26	1.15	0.79	0.80	1.14	-0.07
		1110	22.20	17.29	10.22	10.57	16.95	-1.53	1.32	1.14	1.22	1.25	-0.09
915	1	1092	40.94	30.45	11.72	11.76	30.41	0.89	3.18	-0.92	0.79	1.48	2.02
		1091	50.72	26.02	6.06	7.44	24.63	5.07	4.78	-0.20	1.32	3.26	2.29
		1110	71.48	28.29	4.01	10.24	22.05	10.61	6.92	-1.25	1.39	4.27	3.82
		1111	59.83	28.86	13.00	17.19	24.68	6.99	5.55	-1.68	1.84	2.02	3.61
915	2	1092	71.54	70.33	22.89	35.38	57.84	-20.89	3.04	0.22	2.85	0.40	-0.71
		1091	50.26	54.04	21.57	27.44	48.16	-12.50	1.71	-0.70	1.69	-0.69	-0.17
		1110	57.93	44.43	27.43	28.38	43.48	-3.91	3.53	2.87	3.04	3.37	-0.28
		1111	67.96	53.95	33.50	39.81	47.64	-9.45	4.38	2.66	4.29	2.75	-0.38
915	3	1092	15.60	14.95	5.98	6.28	14.65	-1.61	1.03	-0.06	0.46	0.51	0.55
		1091	17.27	12.10	4.42	4.44	12.08	0.35	1.45	0.05	0.53	0.97	0.67
		1110	23.60	11.92	4.29	5.31	10.90	2.59	2.27	-0.12	0.64	1.51	1.11
		1111	19.94	12.33	7.93	8.19	12.07	1.04	1.88	-0.22	0.86	0.79	1.05
915	4	1092	27.72	27.38	8.67	13.28	22.77	-8.06	1.15	0.12	1.08	0.19	-0.26
		1091	19.55	21.22	8.20	10.36	19.06	-4.85	0.65	-0.21	0.64	-0.21	-0.06
		1110	22.34	17.67	10.26	10.68	17.25	-1.71	1.30	1.06	1.12	1.24	-0.10
		1111	25.95	21.20	12.56	14.90	18.87	-3.83	1.62	0.98	1.59	1.01	-0.14
916	1	177	43.47	34.80	12.85	13.41	34.24	-3.46	3.76	-1.11	0.85	1.80	2.38
		1092	41.62	30.46	10.88	10.93	30.42	0.99	3.34	-0.61	1.02	1.71	1.94
		1111	57.85	29.53	15.14	18.90	25.77	6.32	4.56	-3.09	0.47	1.00	3.81
		101	38.88	27.04	24.89	25.00	26.93	-0.46	3.15	-2.13	1.95	-0.94	2.21
916	2	177	113.23	85.87	14.62	32.00	68.49	-30.60	9.52	5.69	9.43	5.78	-0.57
		1092	69.77	71.23	22.86	35.67	58.42	-21.34	1.84	-0.05	1.54	0.25	-0.69
		1111	64.96	54.75	35.40	41.74	48.40	-9.08	3.49	1.63	3.07	2.05	-0.78
		101	102.90	84.90	27.54	62.96	49.49	-27.88	6.35	-0.15	6.30	-0.09	-0.60
916	3	177	19.67	17.89	5.23	6.47	16.66	-3.76	1.65	0.31	0.96	1.00	0.67
		1092	15.89	14.99	5.76	6.05	14.69	-1.61	1.03	-0.03	0.43	0.56	0.53
		1111	18.52	12.65	8.66	8.84	12.46	0.84	1.48	-0.68	0.36	0.44	1.08
		101	16.85	15.28	9.92	12.25	12.95	-2.66	1.28	-0.53	1.05	-0.30	0.61
916	4	177	43.28	33.32	5.46	11.98	26.81	-11.79	3.53	2.15	3.50	2.18	-0.21
		1092	27.09	27.71	8.66	13.38	22.99	-8.23	0.70	0.02	0.59	0.13	-0.25
		1111	24.90	21.51	13.27	15.61	19.17	-3.72	1.28	0.60	1.13	0.75	-0.28
		101	38.69	32.52	10.61	23.50	19.63	-10.78	2.36	-0.07	2.33	-0.05	-0.23
917	1	101	48.21	27.87	19.67	23.04	24.50	-4.03	5.92	0.98	3.88	3.02	2.43
		1111	51.48	29.02	15.04	18.65	25.40	-6.12	6.34	-1.66	1.22	3.45	3.84
		1112	62.42	25.61	18.65	23.93	20.33	2.98	6.66	-2.16	2.55	1.96	4.40
		159	58.40	31.58	21.38	28.98	23.98	-4.45	6.03	-3.39	2.76	-0.12	4.49
917	2	101	107.26	85.41	24.35	62.53	47.24	-29.56	6.85	3.25	6.75	3.35	-0.59
		1111	90.09	81.61	8.52	41.71	48.42	-36.39	3.90	2.76	3.90	2.77	0.07
		1112	64.78	63.37	20.68	40.87	43.18	-21.32	2.75	1.14	2.74	1.14	0.12
		159	95.62	74.39	16.84	39.09	52.14	-28.03	8.48	2.54	8.47	2.55	-0.21
917	3	101	20.52	15.67	7.98	11.63	12.02	-3.84	2.14	0.72	1.66	1.20	0.67



		1111	20.95	15.79	5.32	8.77	12.35	-4.92	2.13	-0.22	0.67	1.24	1.14
		1112	19.42	11.40	9.21	10.25	10.36	-1.09	2.17	-0.46	0.99	0.72	1.31
		159	22.79	15.78	8.00	11.59	12.18	-3.88	2.25	-0.68	1.43	0.14	1.32
917	4	101	40.60	32.67	9.41	23.33	18.75	-11.41	2.56	1.26	2.51	1.30	-0.22
		1111	34.45	31.39	3.38	15.60	19.17	-13.89	1.46	1.04	1.46	1.04	0.02
		1112	25.06	24.54	7.86	15.27	17.13	-8.29	1.05	0.47	1.05	0.48	0.04
		159	36.14	28.82	6.29	14.59	20.53	-10.86	3.12	0.93	3.12	0.93	-0.08
918	1	1111	49.96	27.25	14.93	17.02	25.16	-4.62	6.47	-1.16	2.18	3.13	3.79
		1110	58.07	21.86	9.98	10.07	21.76	-1.06	7.23	-1.19	1.38	4.66	3.88
		1113	72.45	24.11	9.00	15.52	17.59	7.49	7.18	-3.09	1.51	2.58	5.11
		1112	61.54	25.23	19.19	23.92	20.51	2.50	6.44	-2.63	1.88	1.93	4.54
918	2	1111	88.53	77.74	10.35	39.78	48.31	-33.43	4.30	3.25	4.30	3.25	-0.03
		1110	76.20	64.23	7.06	28.32	42.97	-27.63	3.61	3.01	3.09	3.53	-0.21
		1113	50.70	51.15	16.49	30.74	36.90	-17.06	2.05	-0.52	2.03	-0.49	-0.25
		1112	67.94	64.05	19.29	40.39	42.95	-22.35	3.11	0.75	3.09	0.77	-0.22
918	3	1111	19.52	14.91	5.50	8.14	12.27	-4.23	2.19	-0.06	0.96	1.17	1.12
		1110	19.25	11.84	4.17	5.25	10.77	-2.66	2.38	-0.10	0.64	1.64	1.13
		1113	20.79	9.20	6.84	7.02	9.01	0.64	2.19	-0.80	0.61	0.77	1.50
		1112	18.69	11.62	8.98	10.21	10.39	-1.32	2.07	-0.58	0.81	0.68	1.32
918	4	1111	33.77	29.94	4.07	14.88	19.13	-12.76	1.59	1.21	1.59	1.21	-8.53e-03
		1110	29.19	24.86	2.84	10.66	17.05	-10.54	1.33	1.11	1.14	1.30	-0.08
		1113	19.61	19.95	6.31	11.53	14.73	-6.63	0.78	-0.14	0.77	-0.13	-0.09
		1112	26.14	24.80	7.33	15.09	17.04	-8.68	1.17	0.32	1.16	0.33	-0.09
919	1	1110	58.32	21.86	9.98	10.04	21.81	-0.82	7.40	-0.87	1.85	4.68	3.89
		1109	69.08	18.06	2.53	2.89	17.70	2.33	8.92	-0.29	1.79	6.84	3.85
		1114	82.83	22.40	-1.85	5.42	15.13	11.11	8.11	-3.05	1.03	4.03	5.37
		1113	73.28	24.04	8.68	15.21	17.50	7.59	7.26	-3.16	1.38	2.71	5.17
919	2	1110	75.55	63.65	7.44	28.11	42.98	-27.10	3.59	3.15	3.29	3.46	-0.21
		1109	61.64	50.91	4.96	19.12	36.75	-21.22	3.11	2.12	2.15	3.08	-0.18
		1114	36.97	40.12	12.95	21.09	31.99	-12.44	1.24	-0.67	1.21	-0.64	-0.22
		1113	50.78	51.08	16.43	30.58	36.92	-17.04	2.04	-0.35	2.01	-0.32	-0.24
919	3	1110	19.33	11.77	4.24	5.23	10.79	-2.54	2.43	-1.98e-03	0.79	1.64	1.14
		1109	22.28	9.18	2.28	2.46	9.00	-1.11	2.84	0.10	0.69	2.25	1.13
		1114	23.95	8.67	2.49	3.33	7.82	2.12	2.43	-0.82	0.41	1.19	1.58
		1113	21.04	9.18	6.72	6.92	8.98	0.67	2.22	-0.82	0.57	0.83	1.51
919	4	1110	28.93	24.65	2.99	10.58	17.06	-10.33	1.32	1.16	1.22	1.27	-0.07
		1109	23.71	19.84	2.07	7.27	14.64	-8.09	1.15	0.78	0.80	1.13	-0.07
		1114	14.56	15.83	4.97	7.98	12.82	-4.86	0.47	-0.20	0.46	-0.19	-0.08
		1113	19.67	19.93	6.28	11.47	14.73	-6.63	0.77	-0.08	0.76	-0.07	-0.09
920	1	1109	69.32	18.15	2.44	2.82	17.77	2.42	8.99	-0.18	1.92	6.88	3.86
		1108	79.22	14.75	-5.27	-4.31	13.79	4.28	10.71	0.57	2.12	9.16	3.65
		1115	90.37	19.61	-11.41	-4.56	12.76	12.87	9.08	-2.58	0.73	5.77	5.25
		1114	83.01	22.33	-1.91	5.35	15.07	11.10	8.12	-3.07	0.99	4.06	5.39
920	2	1109	61.52	50.76	5.12	19.05	36.83	-21.02	3.12	2.22	2.25	3.09	-0.18
		1108	50.53	40.34	2.52	11.66	31.20	-16.20	2.70	1.32	1.33	2.69	-0.12
		1115	31.87	31.69	8.70	12.92	27.47	-8.90	0.38	-0.89	0.35	-0.87	-0.17
		1114	36.84	40.11	12.89	21.09	31.91	-12.49	1.18	-0.65	1.15	-0.63	-0.21
920	3	1109	22.37	9.19	2.27	2.44	9.02	-1.07	2.86	0.13	0.73	2.26	1.13
		1108	25.45	7.32	-0.20	-0.20	7.32	-0.11	3.34	0.28	0.72	2.91	1.07
		1115	26.68	7.79	-1.30	-0.21	6.69	2.96	2.68	-0.73	0.26	1.69	1.54
		1114	24.00	8.64	2.47	3.31	7.80	2.11	2.43	-0.83	0.39	1.20	1.58
920	4	1109	23.66	19.79	2.13	7.25	14.67	-8.01	1.15	0.82	0.83	1.14	-0.06
		1108	19.52	15.85	1.16	4.53	12.48	-6.18	0.99	0.49	0.49	0.99	-0.04
		1115	12.45	12.64	3.38	4.97	11.05	-3.49	0.15	-0.28	0.14	-0.27	-0.06
		1114	14.52	15.82	4.94	7.98	12.79	-4.88	0.45	-0.20	0.44	-0.19	-0.08
921	1	1108	79.39	14.79	-5.36	-4.39	13.82	4.32	10.74	0.60	2.15	9.19	3.65
		1107	87.20	11.04	-12.19	-11.11	9.96	4.90	12.37	1.32	2.39	11.30	3.26
		1116	95.76	15.89	-19.68	-14.18	10.39	12.87	10.18	-1.79	0.63	7.76	4.81
		1115	90.34	19.58	-11.43	-4.60	12.75	12.85	9.08	-2.57	0.73	5.79	5.25
921	2	1108	50.52	40.28	2.54	11.58	31.23	-16.11	2.71	1.35	1.36	2.70	-0.12
		1107	42.75	32.13	-0.14	5.47	26.52	-12.22	2.32	0.59	0.59	2.31	-0.07
		1116	28.56	25.60	4.14	6.14	23.59	-6.25	-0.35	-1.12	-0.37	-1.10	-0.14
		1115	31.84	31.69	8.69	12.96	27.42	-8.94	0.36	-0.90	0.33	-0.87	-0.18
921	3	1108	25.51	7.33	-0.23	-0.23	7.33	-0.09	3.35	0.29	0.73	2.91	1.07
		1107	28.06	5.77	-2.67	-2.66	5.75	0.41	3.81	0.45	0.75	3.51	0.96
		1116	28.87	6.63	-4.55	-3.54	5.62	3.20	2.98	-0.54	0.17	2.26	1.42
		1115	26.66	7.77	-1.30	-0.22	6.69	2.95	2.68	-0.73	0.25	1.70	1.54
921	4	1108	19.51	15.83	1.17	4.50	12.49	-6.14	0.99	0.50	0.50	0.99	-0.04
		1107	16.54	12.73	0.18	2.26	10.65	-4.67	0.85	0.22	0.22	0.85	-0.02
		1116	11.11	10.31	1.70	2.48	9.53	-2.47	-0.11	-0.37	-0.13	-0.36	-0.05
		1115	12.44	12.64	3.38	4.98	11.04	-3.51	0.15	-0.29	0.14	-0.28	-0.07
922	1	1107	87.29	11.05	-12.26	-11.18	9.97	4.90	12.38	1.33	2.39	11.31	3.26
		1106	92.78	6.97	-17.87	-17.06	6.16	4.42	13.77	1.93	2.60	13.10	2.73
		1117	99.64	11.46	-26.66	-22.97	7.77	11.28	11.41	-0.87	0.72	9.83	4.11
		1116	95.71	15.88	-19.71	-14.22	10.40	12.85	10.19	-1.77	0.64	7.78	4.80
922	2	1107	42.77	32.09	-0.17	5.39	26.53	-12.18	2.32	0.60	0.60	2.31	-0.07
		1106	37.89	25.96	-2.74	0.44	22.78	-9.01	1.95	-0.04	-0.04	1.95	-0.03



		1117	26.44	21.33	-0.23	0.66	20.45	-4.27	-0.94	-1.34	-0.97	-1.31	-0.11
		1116	28.53	25.60	4.15	6.18	23.58	-6.27	-0.35	-1.13	-0.38	-1.10	-0.15
922	3	1107	28.10	5.77	-2.70	-2.68	5.75	0.41	3.82	0.45	0.75	3.51	0.96
		1106	29.95	4.30	-4.81	-4.78	4.27	0.54	4.21	0.58	0.77	4.02	0.81
		1117	30.58	5.26	-7.26	-6.54	4.54	2.91	3.32	-0.31	0.15	2.86	1.21
		1116	28.85	6.62	-4.55	-3.55	5.62	3.19	2.98	-0.54	0.17	2.27	1.41
922	4	1107	16.55	12.72	0.16	2.23	10.66	-4.65	0.85	0.22	0.22	0.85	-0.03
		1106	14.64	10.38	-0.78	0.40	9.19	-3.44	0.71	-0.02	-0.02	0.71	-0.01
		1117	10.23	8.65	0.11	0.46	8.30	-1.70	-0.33	-0.46	-0.35	-0.44	-0.04
		1116	11.10	10.31	1.71	2.49	9.53	-2.48	-0.12	-0.37	-0.13	-0.36	-0.05
923	1	1106	92.73	6.95	-17.93	-17.12	6.14	4.41	13.77	1.95	2.62	13.09	2.74
		1105	96.36	2.89	-22.22	-21.79	2.46	3.28	14.89	2.39	2.76	14.52	2.12
		1118	102.04	6.66	-32.22	-30.27	4.72	8.48	12.58	4.01e-03	0.90	11.69	3.23
		1117	99.64	11.44	-26.69	-23.03	7.77	11.24	11.43	-0.85	0.72	9.86	4.09
923	2	1106	37.93	25.95	-2.79	0.37	22.78	-8.99	1.95	-0.03	-0.03	1.95	-0.04
		1105	35.36	21.55	-5.06	-3.46	19.95	-6.34	1.63	-0.54	-0.54	1.63	-6.67e-03
		1118	25.17	18.41	-3.95	-3.59	18.05	-2.80	-1.38	-1.55	-1.45	-1.49	-0.08
		1117	26.42	21.34	-0.20	0.69	20.45	-4.29	-0.94	-1.35	-0.98	-1.31	-0.12
923	3	1106	29.93	4.29	-4.83	-4.80	4.26	0.53	4.21	0.58	0.77	4.01	0.81
		1105	31.18	2.92	-6.48	-6.46	2.90	0.42	4.52	0.67	0.78	4.41	0.63
		1118	31.74	3.79	-9.39	-9.01	3.40	2.22	3.66	-0.09	0.17	3.40	0.95
		1117	30.58	5.25	-7.26	-6.55	4.54	2.89	3.33	-0.30	0.15	2.87	1.21
923	4	1106	14.65	10.38	-0.80	0.38	9.19	-3.44	0.71	-0.02	-0.02	0.71	-0.01
		1105	13.59	8.69	-1.63	-1.03	8.08	-2.43	0.59	-0.20	-0.20	0.59	-1.76e-03
		1118	9.68	7.50	-1.25	-1.10	7.35	-1.12	-0.48	-0.55	-0.52	-0.51	-0.03
		1117	10.22	8.65	0.12	0.47	8.30	-1.71	-0.33	-0.46	-0.35	-0.44	-0.04
924	1	1105	96.00	2.83	-22.25	-21.82	2.40	3.25	14.87	2.44	2.82	14.49	2.12
		1104	98.67	-0.59	-25.23	-25.07	-0.75	1.98	15.75	2.71	2.88	15.58	1.47
		1119	102.63	2.18	-36.14	-35.41	1.45	5.24	13.40	0.63	1.01	13.02	2.17
		1118	102.38	6.59	-32.23	-30.31	4.67	8.43	12.64	-8.73e-03	0.87	11.76	3.22
924	2	1105	35.39	21.55	-5.11	-3.51	19.95	-6.33	1.63	-0.54	-0.54	1.63	-0.01
		1104	34.34	18.63	-6.89	-6.23	17.97	-4.03	1.38	-0.91	-0.91	1.38	4.41e-03
		1119	24.47	16.50	-6.74	-6.61	16.37	-1.68	-1.61	-1.80	-1.79	-1.63	-0.05
		1118	25.16	18.42	-3.92	-3.57	18.06	-2.81	-1.37	-1.56	-1.45	-1.49	-0.09
924	3	1105	31.07	2.90	-6.49	-6.47	2.88	0.42	4.51	0.68	0.79	4.40	0.63
		1104	31.97	1.77	-7.64	-7.63	1.76	0.24	4.76	0.73	0.78	4.71	0.44
		1119	32.24	2.41	-10.89	-10.75	2.27	1.37	3.89	0.07	0.18	3.78	0.64
		1118	31.84	3.77	-9.40	-9.02	3.39	2.20	3.67	-0.09	0.16	3.42	0.95
924	4	1105	13.60	8.69	-1.65	-1.05	8.08	-2.42	0.59	-0.20	-0.20	0.59	-3.82e-03
		1104	13.12	7.56	-2.30	-2.05	7.31	-1.54	0.50	-0.34	-0.34	0.50	2.05e-03
		1119	9.37	6.74	-2.26	-2.21	6.69	-0.68	-0.55	-0.65	-0.65	-0.56	-0.02
		1118	9.68	7.50	-1.24	-1.09	7.35	-1.13	-0.48	-0.55	-0.52	-0.51	-0.03
925	1	1104	98.00	-0.67	-25.25	-25.09	-0.83	1.99	15.70	2.81	2.97	15.54	1.43
		1103	99.93	-2.74	-26.96	-26.93	-2.78	0.92	16.28	2.93	2.97	16.23	0.76
		1120	102.29	-0.80	-38.29	-38.15	-0.95	2.31	13.79	0.92	1.00	13.71	0.96
		1119	103.52	2.08	-36.12	-35.40	1.35	5.22	13.53	0.56	0.96	13.14	2.22
925	2	1104	34.37	18.62	-6.92	-6.27	17.97	-4.03	1.38	-0.91	-0.91	1.38	-2.36e-03
		1103	34.08	16.96	-8.05	-7.90	16.81	-1.96	1.22	-1.13	-1.13	1.22	6.36e-03
		1120	24.13	15.41	-8.45	-8.42	15.38	-0.78	-1.71	-1.99	-1.99	-1.72	-0.02
		1119	24.46	16.50	-6.72	-6.60	16.38	-1.69	-1.61	-1.81	-1.79	-1.63	-0.06
925	3	1104	31.77	1.74	-7.65	-7.64	1.74	0.24	4.74	0.76	0.81	4.70	0.42
		1103	32.40	1.05	-8.30	-8.30	1.05	0.10	4.90	0.78	0.79	4.89	0.23
		1120	32.32	1.49	-11.71	-11.69	1.46	0.60	4.00	0.14	0.16	3.98	0.28
		1119	32.50	2.38	-10.88	-10.74	2.24	1.37	3.93	0.05	0.16	3.82	0.65
925	4	1104	13.13	7.56	-2.31	-2.06	7.31	-1.54	0.50	-0.34	-0.34	0.50	-1.12e-04
		1103	12.96	6.91	-2.72	-2.67	6.85	-0.75	0.44	-0.42	-0.42	0.44	2.48e-03
		1120	9.21	6.31	-2.89	-2.88	6.30	-0.32	-0.59	-0.73	-0.73	-0.59	-9.07e-03
		1119	9.37	6.74	-2.26	-2.21	6.69	-0.68	-0.55	-0.65	-0.65	-0.56	-0.02
926	1	1103	99.52	-2.78	-26.97	-26.93	-2.81	0.95	16.24	2.99	3.02	16.21	0.67
		1102	100.07	-3.00	-27.45	-27.45	-3.00	-8.57e-03	16.35	3.02	3.02	16.35	-4.01e-04
		1121	102.44	-1.14	-38.71	-38.70	-1.14	-0.31	13.80	0.91	0.92	13.80	-0.29
		1120	102.92	-0.86	-38.28	-38.13	-1.01	2.36	13.87	0.87	0.96	13.78	1.09
926	2	1103	34.10	16.96	-8.07	-7.92	16.81	-1.96	1.21	-1.13	-1.13	1.21	-5.53e-04
		1102	34.06	16.43	-8.46	-8.46	16.43	2.00e-03	1.16	-1.21	-1.21	1.16	3.48e-03
		1121	24.03	15.05	-9.02	-9.02	15.05	2.42e-03	-1.75	-2.06	-2.06	-1.75	4.80e-03
		1120	24.13	15.41	-8.44	-8.41	15.38	-0.79	-1.71	-2.00	-1.99	-1.72	-0.03
926	3	1103	32.28	1.04	-8.31	-8.31	1.04	0.11	4.89	0.80	0.81	4.88	0.20
		1102	32.46	0.95	-8.50	-8.50	0.95	-2.43e-03	4.92	0.80	0.80	4.92	-3.52e-05
		1121	32.42	1.37	-11.90	-11.89	1.37	-0.09	4.00	0.13	0.13	4.00	-0.09
		1120	32.50	1.47	-11.71	-11.68	1.44	0.61	4.03	0.12	0.15	4.00	0.32
926	4	1103	12.97	6.91	-2.73	-2.67	6.85	-0.75	0.44	-0.42	-0.42	0.44	2.64e-04
		1102	12.93	6.70	-2.87	-2.87	6.70	7.07e-04	0.42	-0.45	-0.45	0.42	1.11e-03
		1121	9.16	6.17	-3.10	-3.10	6.17	9.28e-04	-0.60	-0.75	-0.75	-0.60	1.61e-03
		1120	9.21	6.31	-2.89	-2.88	6.30	-0.32	-0.59	-0.73	-0.73	-0.59	-0.01
927	1	1102	100.41	-2.96	-27.46	-27.46	-2.96	0.03	16.37	2.97	2.97	16.37	-0.10
		1101	99.53	-1.35	-26.70	-26.64	-1.40	-1.16	16.00	2.92	2.97	15.95	-0.78
		1122	102.37	1.24	-37.41	-37.13	0.96	-3.30	13.37	0.65	0.81	13.20	-1.44



		1121	101.97	-1.07	-38.73	-38.72	-1.07	-0.26	13.74	0.95	0.95	13.73	-0.16
927	2	1102	34.06	16.43	-8.46	-8.46	16.43	-2.00e-03	1.16	-1.21	-1.21	1.16	-3.48e-03
		1101	34.10	16.96	-8.07	-7.92	16.81	1.96	1.21	-1.13	-1.13	1.21	5.53e-04
		1122	24.13	15.41	-8.44	-8.41	15.38	0.79	-1.71	-2.00	-1.99	-1.72	0.03
		1121	24.03	15.05	-9.02	-9.02	15.05	-2.43e-03	-1.75	-2.06	-2.06	-1.75	-4.80e-03
927	3	1102	32.56	0.96	-8.50	-8.50	0.96	7.37e-03	4.93	0.79	0.79	4.93	-0.03
		1101	32.28	1.46	-8.22	-8.22	1.46	-0.17	4.82	0.78	0.79	4.81	-0.23
		1122	32.31	2.08	-11.44	-11.38	2.02	-0.89	3.88	0.06	0.11	3.83	-0.43
		1121	32.28	1.39	-11.90	-11.90	1.39	-0.08	3.98	0.14	0.14	3.98	-0.05
927	4	1102	12.93	6.70	-2.87	-2.87	6.70	-7.08e-04	0.42	-0.45	-0.45	0.42	-1.11e-03
		1101	12.97	6.91	-2.73	-2.67	6.85	0.75	0.44	-0.42	-0.42	0.44	-2.64e-04
		1122	9.21	6.31	-2.89	-2.88	6.30	0.32	-0.59	-0.73	-0.73	-0.59	0.01
		1121	9.16	6.17	-3.10	-3.10	6.17	-9.29e-04	-0.60	-0.75	-0.75	-0.60	-1.61e-03
928	1	1101	100.19	-1.27	-26.69	-26.64	-1.32	-1.16	16.05	2.83	2.88	15.99	-0.82
		1100	98.52	1.67	-24.66	-24.38	1.40	-2.66	15.36	2.64	2.82	15.17	-1.52
		1123	100.68	5.19	-34.38	-33.18	3.99	-6.77	12.39	0.11	0.63	11.87	-2.48
		1122	101.50	1.35	-37.43	-37.14	1.07	-3.31	13.24	0.71	0.87	13.09	-1.39
928	2	1101	34.08	16.96	-8.05	-7.90	16.81	1.96	1.22	-1.13	-1.13	1.22	-6.36e-03
		1100	34.37	18.62	-6.92	-6.27	17.97	4.03	1.38	-0.91	-0.91	1.38	2.36e-03
		1123	24.46	16.50	-6.72	-6.60	16.38	1.69	-1.61	-1.81	-1.79	-1.63	0.06
		1122	24.13	15.41	-8.45	-8.42	15.38	0.78	-1.71	-1.99	-1.99	-1.72	0.02
928	3	1101	32.47	1.48	-8.22	-8.22	1.48	-0.17	4.83	0.75	0.77	4.82	-0.24
		1100	31.90	2.42	-7.45	-7.43	2.40	-0.44	4.64	0.71	0.77	4.59	-0.45
		1123	31.60	3.27	-10.33	-10.09	3.02	-1.82	3.59	-0.08	0.07	3.44	-0.73
		1122	32.06	2.11	-11.45	-11.39	2.05	-0.89	3.84	0.08	0.12	3.79	-0.41
928	4	1101	12.96	6.91	-2.72	-2.67	6.85	0.75	0.44	-0.42	-0.42	0.44	-2.48e-03
		1100	13.13	7.56	-2.31	-2.06	7.31	1.54	0.50	-0.34	-0.34	0.50	1.12e-04
		1123	9.37	6.74	-2.26	-2.21	6.69	0.68	-0.55	-0.65	-0.65	-0.56	0.02
		1122	9.21	6.31	-2.89	-2.88	6.30	0.32	-0.59	-0.73	-0.73	-0.59	9.07e-03
929	1	1100	98.90	1.74	-24.64	-24.36	1.46	-2.69	15.38	2.59	2.77	15.20	-1.52
		1099	96.26	5.32	-21.30	-20.63	4.65	-4.19	14.45	2.22	2.64	14.04	-2.20
		1124	97.67	9.51	-29.77	-27.04	6.77	-10.00	11.12	-0.70	0.40	10.02	-3.43
		1123	100.30	5.25	-34.36	-33.15	4.04	-6.82	12.33	0.13	0.66	11.80	-2.49
929	2	1100	34.34	18.63	-6.89	-6.23	17.97	4.03	1.38	-0.91	-0.91	1.38	-4.41e-03
		1099	35.39	21.55	-5.11	-3.51	19.95	6.33	1.63	-0.54	-0.54	1.63	0.01
		1124	25.16	18.42	-3.92	-3.57	18.06	2.81	-1.37	-1.56	-1.45	-1.49	0.09
		1123	24.47	16.50	-6.74	-6.61	16.37	1.68	-1.61	-1.80	-1.79	-1.63	0.05
929	3	1100	32.02	2.44	-7.44	-7.42	2.42	-0.45	4.65	0.70	0.75	4.59	-0.45
		1099	31.10	3.60	-6.17	-6.12	3.55	-0.69	4.39	0.62	0.74	4.27	-0.65
		1124	30.33	4.57	-8.61	-8.05	4.01	-2.67	3.22	-0.30	0.02	2.90	-1.01
		1123	31.48	3.29	-10.33	-10.08	3.04	-1.84	3.57	-0.08	0.08	3.42	-0.73
929	4	1100	13.12	7.56	-2.30	-2.05	7.31	1.54	0.50	-0.34	-0.34	0.50	-2.05e-03
		1099	13.60	8.69	-1.65	-1.05	8.08	2.42	0.59	-0.20	-0.20	0.59	3.82e-03
		1124	9.68	7.50	-1.24	-1.09	7.35	1.13	-0.48	-0.55	-0.52	-0.51	0.03
		1123	9.37	6.74	-2.26	-2.21	6.69	0.68	-0.55	-0.65	-0.65	-0.56	0.02
930	1	1099	96.33	5.35	-21.26	-20.58	4.67	-4.21	14.46	2.21	2.62	14.05	-2.20
		1098	91.88	9.01	-16.65	-15.54	7.89	-5.22	13.25	1.69	2.42	12.52	-2.82
		1125	94.02	13.57	-23.89	-19.34	9.02	-12.23	9.86	-1.63	0.23	8.00	-4.23
		1124	97.62	9.53	-29.74	-26.98	6.77	-10.03	11.10	-0.72	0.39	9.99	-3.45
930	2	1099	35.36	21.55	-5.06	-3.46	19.95	6.34	1.63	-0.54	-0.54	1.63	6.67e-03
		1098	37.93	25.95	-2.79	0.37	22.78	8.99	1.95	-0.03	-0.03	1.95	0.04
		1125	26.42	21.34	-0.20	0.69	20.45	4.29	-0.94	-1.35	-0.98	-1.31	0.12
		1124	25.17	18.41	-3.95	-3.59	18.05	2.80	-1.38	-1.55	-1.45	-1.49	0.08
930	3	1099	31.12	3.61	-6.15	-6.10	3.56	-0.70	4.39	0.62	0.73	4.27	-0.65
		1098	29.61	4.85	-4.40	-4.33	4.78	-0.78	4.05	0.51	0.71	3.84	-0.83
		1125	28.74	5.81	-6.36	-5.46	4.91	-3.19	2.86	-0.53	0.01	2.32	-1.25
		1124	30.31	4.58	-8.60	-8.03	4.01	-2.68	3.22	-0.30	0.02	2.89	-1.02
930	4	1099	13.59	8.69	-1.63	-1.03	8.08	2.43	0.59	-0.20	-0.20	0.59	1.76e-03
		1098	14.65	10.38	-0.80	0.38	9.19	3.44	0.71	-0.02	-0.02	0.71	0.01
		1125	10.22	8.65	0.12	0.47	8.30	1.71	-0.33	-0.46	-0.35	-0.44	0.04
		1124	9.68	7.50	-1.25	-1.10	7.35	1.12	-0.48	-0.55	-0.52	-0.51	0.03
931	1	1098	91.83	9.01	-16.59	-15.47	7.89	-5.23	13.25	1.69	2.42	12.51	-2.82
		1097	85.16	12.39	-10.77	-9.45	11.07	-5.38	11.77	1.04	2.19	10.62	-3.32
		1126	89.69	17.09	-16.93	-10.78	10.94	-13.09	8.78	-2.46	0.25	6.07	-4.81
		1125	94.02	13.57	-23.86	-19.30	9.00	-12.25	9.85	-1.64	0.23	7.98	-4.24
931	2	1098	37.89	25.96	-2.74	0.44	22.78	9.01	1.95	-0.04	-0.04	1.95	0.03
		1097	42.77	32.09	-0.17	5.39	26.53	12.18	2.32	0.60	0.60	2.31	0.07
		1126	28.53	25.60	4.15	6.18	23.58	6.27	-0.35	-1.13	-0.38	-1.10	0.15
		1125	26.44	21.33	-0.23	0.66	20.45	4.27	-0.94	-1.34	-0.97	-1.31	0.11
931	3	1098	29.59	4.85	-4.38	-4.31	4.78	-0.78	4.05	0.50	0.71	3.84	-0.83
		1097	27.37	6.11	-2.21	-2.17	6.08	-0.55	3.64	0.37	0.69	3.31	-0.98
		1126	26.87	6.91	-3.66	-2.53	5.78	-3.26	2.56	-0.74	0.06	1.76	-1.41
		1125	28.74	5.81	-6.36	-5.45	4.91	-3.19	2.86	-0.54	8.98e-03	2.31	-1.25
931	4	1098	14.64	10.38	-0.78	0.40	9.19	3.44	0.71	-0.02	-0.02	0.71	0.01
		1097	16.55	12.72	0.16	2.23	10.66	4.65	0.85	0.22	0.22	0.85	0.03
		1126	11.10	10.31	1.71	2.49	9.53	2.48	-0.12	-0.37	-0.13	-0.36	0.05
		1125	10.23	8.65	0.11	0.46	8.30	1.70	-0.33	-0.46	-0.35	-0.44	0.04



932	1	1097	85.04	12.38	-10.70	-9.38	11.06	-5.36	11.76	1.03	2.18	10.61	-3.32
		1096	76.31	15.37	-3.84	-2.75	14.28	-4.43	10.11	0.32	1.96	8.47	-3.66
		1127	84.21	19.95	-8.97	-1.82	12.80	-12.48	7.90	-3.06	0.45	4.39	-5.12
		1126	89.72	17.10	-16.92	-10.76	10.93	-13.10	8.78	-2.47	0.25	6.06	-4.81
932	2	1097	42.75	32.13	-0.14	5.47	26.52	12.22	2.32	0.59	0.59	2.31	0.07
		1096	50.52	40.28	2.54	11.58	31.23	16.11	2.71	1.35	1.36	2.70	0.12
		1127	31.84	31.69	8.69	12.96	27.42	8.94	0.36	-0.90	0.33	-0.87	0.18
		1126	28.56	25.60	4.14	6.14	23.59	6.25	-0.35	-1.12	-0.37	-1.10	0.14
932	3	1097	27.33	6.11	-2.18	-2.14	6.07	-0.54	3.63	0.36	0.69	3.30	-0.98
		1096	24.49	7.47	0.26	0.26	7.47	0.06	3.17	0.21	0.68	2.70	-1.08
		1127	24.67	7.82	-0.51	0.61	6.70	-2.84	2.33	-0.88	0.17	1.28	-1.50
		1126	26.88	6.91	-3.66	-2.53	5.78	-3.27	2.56	-0.74	0.06	1.76	-1.42
932	4	1097	16.54	12.73	0.18	2.26	10.65	4.67	0.85	0.22	0.22	0.85	0.02
		1096	19.51	15.83	1.17	4.50	12.49	6.14	0.99	0.50	0.50	0.99	0.04
		1127	12.44	12.64	3.38	4.98	11.04	3.51	0.15	-0.29	0.14	-0.28	0.07
		1126	11.11	10.31	1.70	2.48	9.53	2.47	-0.11	-0.37	-0.13	-0.36	0.05
933	1	1096	76.13	15.33	-3.75	-2.67	14.25	-4.39	10.08	0.29	1.92	8.45	-3.65
		1095	65.87	18.03	3.81	4.19	17.65	-2.29	8.43	-0.40	1.78	6.25	-3.81
		1128	77.05	22.05	-4.77e-03	7.29	14.76	-10.38	7.19	-3.33	0.82	3.04	-5.14
		1127	84.24	19.97	-8.96	-1.80	12.81	-12.49	7.91	-3.06	0.46	4.39	-5.12
933	2	1096	50.53	40.34	2.52	11.66	31.20	16.20	2.70	1.32	1.33	2.69	0.12
		1095	61.52	50.76	5.12	19.05	36.83	21.02	3.12	2.22	2.25	3.09	0.18
		1128	36.84	40.11	12.89	21.09	31.91	12.49	1.18	-0.65	1.15	-0.63	0.21
		1127	31.87	31.69	8.70	12.92	27.47	8.90	0.38	-0.89	0.35	-0.87	0.17
933	3	1096	24.43	7.46	0.28	0.29	7.46	0.08	3.16	0.20	0.67	2.69	-1.07
		1095	21.26	9.18	2.65	2.85	8.99	1.11	2.70	0.07	0.69	2.07	-1.12
		1128	22.12	8.49	3.10	3.89	7.71	-1.90	2.16	-0.91	0.34	0.90	-1.51
		1127	24.68	7.83	-0.51	0.61	6.71	-2.84	2.33	-0.87	0.18	1.28	-1.51
933	4	1096	19.52	15.85	1.16	4.53	12.48	6.18	0.99	0.49	0.49	0.99	0.04
		1095	23.66	19.79	2.13	7.25	14.67	8.01	1.15	0.82	0.83	1.14	0.06
		1128	14.52	15.82	4.94	7.98	12.79	4.88	0.45	-0.20	0.44	-0.19	0.08
		1127	12.45	12.64	3.38	4.97	11.05	3.49	0.15	-0.28	0.14	-0.27	0.06
934	1	1095	65.61	17.94	3.90	4.26	17.59	-2.20	8.36	-0.50	1.64	6.21	-3.79
		1094	55.11	21.26	10.99	11.10	21.15	1.03	6.98	-0.98	1.77	4.23	-3.79
		1129	67.93	23.41	9.77	16.27	16.91	-6.81	6.56	-3.19	1.29	2.07	-4.86
		1128	76.90	22.12	0.04	7.34	14.82	-10.38	7.18	-3.30	0.86	3.02	-5.13
934	2	1095	61.64	50.91	4.96	19.12	36.75	21.22	3.11	2.12	2.15	3.08	0.18
		1094	75.55	63.65	7.44	28.11	42.98	27.10	3.59	3.15	3.29	3.46	0.21
		1129	50.78	51.08	16.43	30.58	36.92	17.04	2.04	-0.35	2.01	-0.32	0.24
		1128	36.97	40.12	12.95	21.09	31.99	12.44	1.24	-0.67	1.21	-0.64	0.22
934	3	1095	21.17	9.17	2.66	2.87	8.96	1.15	2.67	0.03	0.64	2.06	-1.11
		1094	18.38	11.70	4.44	5.54	10.59	2.61	2.30	-0.03	0.76	1.50	-1.11
		1129	19.46	8.92	7.12	7.23	8.80	-0.44	2.02	-0.83	0.55	0.64	-1.42
		1128	22.08	8.52	3.12	3.90	7.73	-1.90	2.15	-0.90	0.36	0.89	-1.50
934	4	1095	23.71	19.84	2.07	7.27	14.64	8.09	1.15	0.78	0.80	1.13	0.07
		1094	28.93	24.65	2.99	10.58	17.06	10.33	1.32	1.16	1.22	1.27	0.07
		1129	19.67	19.93	6.28	11.47	14.73	6.63	0.77	-0.08	0.76	-0.07	0.09
		1128	14.56	15.83	4.97	7.98	12.82	4.86	0.47	-0.20	0.46	-0.19	0.08
935	1	1094	54.74	21.28	10.98	11.14	21.12	1.26	6.79	-1.30	1.29	4.20	-3.77
		1093	47.56	26.63	15.24	17.83	24.05	4.77	6.19	-1.14	2.17	2.87	-3.65
		1130	57.53	24.93	18.96	24.21	19.68	-1.94	5.97	-2.47	1.87	1.63	-4.22
		1129	67.26	23.47	10.06	16.55	16.98	-6.70	6.51	-3.12	1.43	1.96	-4.81
935	2	1094	76.20	64.23	7.06	28.32	42.97	27.63	3.61	3.01	3.09	3.53	0.21
		1093	88.53	77.74	10.35	39.78	48.31	33.43	4.30	3.25	4.30	3.25	0.03
		1130	67.94	64.05	19.29	40.39	42.95	22.35	3.11	0.75	3.09	0.77	0.22
		1129	50.70	51.15	16.49	30.74	36.90	17.06	2.05	-0.52	2.03	-0.49	0.25
935	3	1094	18.26	11.77	4.37	5.57	10.58	2.72	2.25	-0.13	0.61	1.50	-1.10
		1093	19.20	14.79	5.53	8.38	11.94	4.27	2.11	-0.05	0.96	1.10	-1.08
		1130	17.69	11.71	8.74	10.30	10.15	1.48	1.93	-0.54	0.80	0.59	-1.23
		1129	19.27	8.93	7.23	7.33	8.83	-0.41	2.00	-0.81	0.59	0.59	-1.41
935	4	1094	29.19	24.86	2.84	10.66	17.05	10.54	1.33	1.11	1.14	1.30	0.08
		1093	33.77	29.94	4.07	14.88	19.13	12.76	1.59	1.21	1.59	1.21	8.53e-03
		1130	26.14	24.80	7.33	15.09	17.04	8.68	1.17	0.32	1.16	0.33	0.09
		1129	19.61	19.95	6.31	11.53	14.73	6.63	0.78	-0.14	0.77	-0.13	0.09
936	1	1093	50.52	28.56	15.26	19.52	24.31	6.20	6.00	-1.69	1.17	3.14	-3.71
		199	47.63	27.44	19.54	23.80	23.18	3.94	5.79	1.04	3.95	2.89	-2.32
		257	54.73	31.16	20.43	28.56	23.03	4.60	5.88	-2.90	2.93	0.05	-4.15
		1130	58.47	25.18	18.48	24.17	19.49	-2.40	6.19	-2.01	2.51	1.68	-4.08
936	2	1093	90.09	81.61	8.52	41.71	48.42	36.39	3.90	2.76	3.90	2.77	-0.07
		199	107.26	85.41	24.35	62.53	47.24	29.56	6.85	3.25	6.75	3.35	0.59
		257	95.62	74.39	16.84	39.09	52.14	28.03	8.48	2.54	8.47	2.55	0.21
		1130	64.78	63.37	20.68	40.87	43.18	21.32	2.75	1.14	2.74	1.14	-0.12
936	3	1093	20.67	15.69	5.36	9.02	12.03	4.94	2.03	-0.23	0.65	1.15	-1.10
		199	20.48	15.56	7.92	11.85	11.63	3.81	2.11	0.73	1.68	1.16	-0.64
		257	21.72	15.61	7.76	11.47	11.90	3.92	2.21	-0.54	1.48	0.19	-1.21
		1130	18.42	11.48	8.95	10.32	10.11	1.26	2.03	-0.42	0.98	0.63	-1.21
936	4	1093	34.45	31.39	3.38	15.60	19.17	13.89	1.46	1.04	1.46	1.04	-0.02



		199	40.60	32.67	9.41	23.33	18.75	11.41	2.56	1.26	2.51	1.30	0.22
		257	36.14	28.82	6.29	14.59	20.53	10.86	3.12	0.93	3.12	0.93	0.08
		1130	25.06	24.54	7.86	15.27	17.13	8.29	1.05	0.47	1.05	0.48	-0.04
937	1	159	59.01	30.29	22.79	29.07	24.01	-2.77	6.97	-2.08	2.24	2.65	4.52
		1112	59.91	23.38	19.63	22.59	20.42	1.53	6.74	-1.93	2.86	1.95	4.31
		1131	92.24	46.56	8.58	40.74	14.40	13.68	5.15	-6.50	0.09	-1.43	5.78
		100	91.67	49.58	11.36	49.58	11.37	0.41	7.87	-1.38	6.82	-0.33	2.94
937	2	159	108.31	76.34	13.54	38.56	51.32	-30.74	10.05	5.95	10.05	5.95	-0.14
		1112	69.50	66.42	18.26	41.08	43.60	-24.05	2.15	0.18	1.88	0.45	-0.68
		1131	61.37	51.31	28.76	44.45	35.63	-10.38	3.30	1.49	3.07	1.73	-0.61
		100	105.17	82.35	19.53	66.94	34.94	-27.03	6.26	-0.37	6.25	-0.36	-0.31
937	3	159	21.34	15.45	8.24	11.57	12.12	-3.59	2.68	0.01	1.42	1.27	1.33
		1112	18.07	11.90	8.40	9.88	10.42	-1.73	2.07	-0.41	1.01	0.65	1.23
		1131	26.85	16.45	6.99	15.48	7.96	2.87	1.67	-1.72	0.25	-0.31	1.67
		100	32.41	20.23	6.64	19.81	7.06	-2.36	2.74	-0.39	2.49	-0.14	0.85
937	4	159	41.14	29.53	5.07	14.38	20.21	-11.88	3.73	2.25	3.73	2.25	-0.05
		1112	26.73	25.68	6.96	15.35	17.29	-9.31	0.82	0.10	0.71	0.20	-0.25
		1131	23.32	19.83	11.00	16.58	14.25	-4.26	1.22	0.55	1.13	0.63	-0.22
		100	39.35	31.32	7.68	24.95	14.05	-10.49	2.32	-0.15	2.32	-0.14	-0.12
938	1	1112	57.35	25.46	20.49	25.01	20.94	1.43	5.71	-3.07	1.40	1.24	4.39
		1113	73.96	23.93	8.36	15.24	17.05	7.73	7.59	-2.77	1.95	2.87	5.16
		1132	100.05	37.23	-2.13	21.49	13.61	19.28	6.84	-5.49	0.67	0.68	6.16
		1131	96.54	42.12	5.38	35.24	12.26	14.34	7.96	-3.27	4.05	0.64	5.35
938	2	1112	72.27	65.52	18.19	40.58	43.13	-23.63	3.34	0.37	3.18	0.52	-0.66
		1113	50.55	50.78	16.50	30.59	36.70	-16.87	2.05	-0.42	2.02	-0.40	-0.26
		1132	53.15	38.16	24.94	30.14	32.96	-6.46	3.54	3.06	3.16	3.44	-0.19
		1131	65.27	50.29	27.40	42.79	34.90	-10.74	4.41	2.56	4.38	2.58	-0.20
938	3	1112	17.58	12.28	8.82	10.55	10.54	-1.73	1.82	-0.70	0.67	0.45	1.25
		1113	21.32	9.07	6.68	6.93	8.83	0.73	2.32	-0.70	0.74	0.87	1.51
		1132	29.37	13.04	3.16	8.73	7.47	4.90	2.25	-1.37	0.43	0.45	1.81
		1131	29.43	14.95	6.05	13.73	7.27	3.06	2.63	-0.73	1.52	0.37	1.58
938	4	1112	27.71	25.35	6.93	15.17	17.11	-9.16	1.26	0.18	1.20	0.24	-0.25
		1113	19.56	19.81	6.31	11.48	14.65	-6.56	0.78	-0.11	0.77	-0.10	-0.10
		1132	20.40	15.14	9.36	11.29	13.20	-2.73	1.30	1.13	1.17	1.26	-0.07
		1131	24.71	19.45	10.49	15.97	13.97	-4.37	1.63	0.94	1.62	0.95	-0.07
939	1	1113	72.27	24.08	9.10	15.54	17.64	7.41	7.02	-3.33	1.17	2.52	5.13
		1114	83.13	22.27	-2.00	5.30	14.97	11.13	8.25	-2.92	1.19	4.15	5.38
		1133	109.45	33.15	-12.69	7.86	12.60	22.80	7.53	-5.67	0.22	1.63	6.56
		1132	100.73	36.89	-3.13	20.95	12.81	19.59	7.66	-4.40	2.09	1.18	6.01
939	2	1113	51.48	51.41	16.34	30.67	37.08	-17.24	2.06	-0.43	2.02	-0.38	-0.31
		1114	36.72	39.96	12.91	21.01	31.85	-12.39	1.23	-0.65	1.21	-0.63	-0.20
		1133	44.25	29.85	18.51	19.57	28.79	-3.30	3.44	2.34	2.36	3.42	-0.15
		1132	53.12	37.15	24.88	29.82	32.20	-6.02	3.60	3.30	3.43	3.47	-0.15
939	3	1113	20.63	9.20	6.86	7.02	9.03	0.60	2.14	-0.86	0.51	0.76	1.50
		1114	24.08	8.62	2.44	3.29	7.76	2.13	2.47	-0.79	0.46	1.23	1.58
		1133	32.39	11.75	-1.05	3.92	6.78	6.24	2.43	-1.47	0.24	0.73	1.93
		1132	29.88	12.93	2.78	8.54	7.16	5.03	2.51	-1.04	0.87	0.60	1.77
939	4	1113	19.92	20.05	6.25	11.51	14.79	-6.70	0.78	-0.11	0.77	-0.10	-0.12
		1114	14.47	15.76	4.95	7.95	12.77	-4.84	0.47	-0.19	0.46	-0.19	-0.07
		1133	17.13	12.05	6.91	7.39	11.58	-1.49	1.27	0.87	0.87	1.26	-0.05
		1132	20.36	14.74	9.34	11.17	12.91	-2.56	1.33	1.22	1.27	1.28	-0.05
940	1	1114	83.04	22.37	-1.77	5.47	15.13	11.06	8.10	-3.13	0.90	4.07	5.39
		1115	90.41	19.53	-11.49	-4.67	12.71	12.85	9.14	-2.51	0.77	5.86	5.24
		1134	117.61	29.31	-22.59	-5.34	12.06	24.44	8.22	-5.69	-0.42	2.95	6.75
		1133	109.03	33.04	-13.08	7.59	12.37	22.93	7.72	-5.31	0.67	1.74	6.49
940	2	1114	36.89	40.19	12.92	21.13	31.98	-12.51	1.18	-0.66	1.15	-0.63	-0.21
		1115	31.79	31.61	8.67	12.89	27.40	-8.88	0.38	-0.89	0.35	-0.86	-0.18
		1134	39.09	25.22	10.74	10.84	25.12	-1.18	3.31	1.59	1.60	3.29	-0.14
		1133	44.10	29.47	18.47	19.42	28.52	-3.09	3.44	2.43	2.46	3.42	-0.14
940	3	1114	24.01	8.65	2.52	3.35	7.82	2.10	2.42	-0.85	0.37	1.20	1.58
		1115	26.71	7.76	-1.33	-0.24	6.67	2.95	2.70	-0.71	0.27	1.72	1.54
		1134	35.29	10.57	-4.93	-0.63	6.27	6.94	2.62	-1.52	-7.62e-03	1.11	1.99
		1133	32.32	11.72	-1.20	3.82	6.69	6.30	2.49	-1.35	0.38	0.76	1.91
940	4	1114	14.54	15.85	4.96	7.99	12.81	-4.88	0.45	-0.20	0.44	-0.19	-0.08
		1115	12.42	12.61	3.37	4.96	11.03	-3.49	0.15	-0.28	0.14	-0.27	-0.06
		1134	15.20	10.21	4.10	4.17	10.14	-0.65	1.22	0.59	0.59	1.21	-0.05
		1133	17.06	11.91	6.90	7.33	11.47	-1.41	1.27	0.90	0.91	1.26	-0.05
941	1	1115	90.59	19.59	-11.36	-4.57	12.80	12.81	9.12	-2.58	0.68	5.86	5.25
		1116	95.75	15.83	-19.75	-14.29	10.38	12.82	10.22	-1.75	0.63	7.84	4.78
		1135	124.50	24.97	-31.82	-18.46	11.62	24.08	9.33	-5.15	-0.87	5.05	6.61
		1134	117.38	29.23	-22.84	-5.58	11.96	24.52	8.27	-5.57	-0.28	2.97	6.72
941	2	1115	31.89	31.72	8.71	12.97	27.45	-8.94	0.36	-0.89	0.33	-0.87	-0.17
		1116	28.50	25.56	4.13	6.13	23.55	-6.24	-0.35	-1.13	-0.38	-1.10	-0.15
		1135	37.41	21.98	3.57	3.58	21.98	0.13	3.20	0.93	0.93	3.19	-0.12
		1134	38.96	25.07	10.64	10.72	24.99	-1.08	3.31	1.62	1.63	3.30	-0.13
941	3	1115	26.75	7.78	-1.28	-0.21	6.70	2.94	2.69	-0.73	0.24	1.72	1.54
		1116	28.88	6.61	-4.57	-3.58	5.61	3.18	2.99	-0.53	0.17	2.29	1.41



		1135	38.03	9.23	-8.44	-5.04	5.82	6.98	2.94	-1.41	-0.19	1.72	1.95
		1134	35.24	10.54	-5.02	-0.70	6.23	6.97	2.63	-1.48	0.04	1.12	1.98
941	4	1115	12.46	12.65	3.38	4.99	11.05	-3.51	0.15	-0.28	0.14	-0.28	-0.06
		1116	11.09	10.29	1.70	2.47	9.52	-2.46	-0.11	-0.37	-0.13	-0.36	-0.05
		1135	14.50	8.90	1.49	1.49	8.90	-0.12	1.17	0.34	0.34	1.17	-0.04
		1134	15.15	10.15	4.06	4.12	10.09	-0.61	1.22	0.60	0.60	1.21	-0.05
942	1	1116	95.93	15.88	-19.66	-14.23	10.44	12.79	10.24	-1.76	0.62	7.86	4.78
		1117	99.36	11.38	-26.69	-23.06	7.75	11.19	11.40	-0.83	0.71	9.86	4.05
		1136	129.94	19.91	-40.29	-31.24	10.87	21.51	10.91	-4.04	-1.01	7.89	6.01
		1135	124.50	24.91	-32.04	-18.70	11.57	24.12	9.35	-5.10	-0.83	5.08	6.60
942	2	1116	28.57	25.61	4.17	6.19	23.59	-6.27	-0.35	-1.13	-0.38	-1.10	-0.14
		1117	26.41	21.31	-0.23	0.65	20.43	-4.26	-0.94	-1.35	-0.97	-1.31	-0.12
		1136	38.07	19.44	-2.34	-2.31	19.41	0.81	3.11	0.38	0.38	3.11	-0.10
		1135	37.35	21.91	3.48	3.48	21.91	0.18	3.20	0.94	0.94	3.19	-0.12
942	3	1116	28.93	6.62	-4.54	-3.55	5.64	3.17	2.99	-0.53	0.17	2.29	1.41
		1117	30.51	5.24	-7.27	-6.57	4.53	2.88	3.32	-0.30	0.15	2.87	1.19
		1136	40.41	7.69	-11.59	-9.24	5.34	6.30	3.41	-1.13	-0.27	2.56	1.77
		1135	38.04	9.22	-8.52	-5.11	5.81	6.99	2.95	-1.39	-0.18	1.73	1.95
942	4	1116	11.12	10.32	1.71	2.50	9.53	-2.48	-0.12	-0.37	-0.13	-0.36	-0.05
		1117	10.22	8.64	0.11	0.46	8.29	-1.70	-0.33	-0.46	-0.35	-0.44	-0.04
		1136	14.65	7.88	-0.67	-0.67	7.88	0.17	1.14	0.14	0.14	1.14	-0.04
		1135	14.48	8.87	1.46	1.46	8.87	-0.10	1.18	0.34	0.35	1.17	-0.04
943	1	1117	99.47	11.39	-26.63	-23.03	7.78	11.14	11.43	-0.82	0.73	9.88	4.07
		1118	101.52	6.55	-32.17	-30.27	4.65	8.36	12.54	0.04	0.89	11.68	3.16
		1137	132.83	14.10	-47.69	-42.78	9.19	16.71	12.51	-2.68	-0.96	10.79	4.81
		1136	130.09	19.86	-40.51	-31.51	10.86	21.50	10.96	-3.99	-1.00	7.96	5.98
943	2	1117	26.45	21.34	-0.19	0.70	20.45	-4.29	-0.94	-1.35	-0.98	-1.31	-0.11
		1118	25.16	18.39	-3.95	-3.59	18.04	-2.79	-1.38	-1.56	-1.45	-1.49	-0.09
		1137	39.78	17.46	-6.91	-6.86	17.42	1.00	3.05	-0.05	-0.05	3.05	-0.08
		1136	38.06	19.39	-2.42	-2.39	19.36	0.83	3.11	0.38	0.38	3.11	-0.10
943	3	1117	30.54	5.24	-7.25	-6.55	4.54	2.86	3.33	-0.30	0.16	2.88	1.20
		1118	31.59	3.75	-9.38	-9.01	3.38	2.18	3.64	-0.08	0.17	3.39	0.93
		1137	41.97	5.93	-14.27	-12.99	4.65	4.93	3.90	-0.77	-0.29	3.41	1.42
		1136	40.47	7.68	-11.66	-9.33	5.34	6.30	3.42	-1.11	-0.27	2.58	1.77
943	4	1117	10.24	8.65	0.12	0.48	8.30	-1.71	-0.33	-0.46	-0.35	-0.44	-0.04
		1118	9.68	7.49	-1.25	-1.10	7.35	-1.12	-0.48	-0.55	-0.52	-0.51	-0.03
		1137	15.19	7.09	-2.35	-2.35	7.09	0.27	1.12	-0.02	-0.02	1.12	-0.03
		1136	14.64	7.86	-0.70	-0.70	7.86	0.18	1.14	0.14	0.14	1.14	-0.04
944	1	1118	101.01	6.48	-32.11	-30.23	4.60	8.30	12.46	0.02	0.90	11.58	3.19
		1119	103.03	2.06	-35.98	-35.27	1.35	5.15	13.52	0.64	1.02	13.14	2.19
		1138	131.32	7.99	-53.31	-51.49	6.17	10.41	13.26	-1.71	-1.04	12.60	3.08
		1137	133.40	14.02	-47.88	-43.04	9.17	16.63	12.70	-2.56	-0.89	11.02	4.77
944	2	1118	25.19	18.42	-3.92	-3.56	18.06	-2.81	-1.39	-1.56	-1.45	-1.50	-0.08
		1119	24.48	16.48	-6.73	-6.61	16.36	-1.67	-1.61	-1.81	-1.79	-1.63	-0.06
		1138	41.56	16.05	-10.14	-10.11	16.02	0.85	3.00	-0.36	-0.36	3.00	-0.06
		1137	39.79	17.44	-6.96	-6.92	17.39	1.01	3.05	-0.05	-0.05	3.05	-0.08
944	3	1118	31.44	3.73	-9.36	-8.99	3.37	2.16	3.62	-0.08	0.17	3.37	0.94
		1119	32.35	2.37	-10.84	-10.70	2.24	1.34	3.93	0.07	0.18	3.82	0.65
		1138	42.04	4.09	-16.28	-15.80	3.61	3.09	4.13	-0.52	-0.34	3.94	0.91
		1137	42.16	5.91	-14.34	-13.07	4.64	4.91	3.95	-0.74	-0.27	3.48	1.41
944	4	1118	9.69	7.50	-1.24	-1.09	7.35	-1.13	-0.49	-0.55	-0.52	-0.51	-0.03
		1119	9.37	6.74	-2.26	-2.21	6.68	-0.68	-0.56	-0.65	-0.65	-0.56	-0.02
		1138	15.78	6.53	-3.55	-3.54	6.53	0.25	1.10	-0.14	-0.14	1.10	-0.02
		1137	15.19	7.08	-2.38	-2.37	7.08	0.28	1.12	-0.02	-0.02	1.12	-0.03
945	1	1119	101.13	1.92	-35.90	-35.20	1.22	5.09	13.20	0.61	0.97	12.84	2.11
		1120	103.43	-0.90	-38.04	-37.89	-1.04	2.31	14.03	0.91	1.01	13.93	1.14
		1139	127.99	3.41	-56.49	-56.18	3.11	4.26	13.26	-1.32	-1.23	13.17	1.14
		1138	133.07	7.84	-53.48	-51.65	6.01	10.42	13.76	-1.51	-0.82	13.07	3.16
945	2	1119	24.50	16.50	-6.71	-6.59	16.37	-1.69	-1.62	-1.80	-1.79	-1.64	-0.05
		1120	24.16	15.40	-8.44	-8.42	15.37	-0.78	-1.72	-2.00	-1.99	-1.72	-0.03
		1139	42.83	15.20	-12.07	-12.06	15.19	0.48	2.98	-0.54	-0.54	2.98	-0.03
		1138	41.57	16.03	-10.18	-10.15	16.00	0.86	3.00	-0.36	-0.36	3.00	-0.05
945	3	1119	31.79	2.33	-10.82	-10.68	2.20	1.33	3.83	0.06	0.17	3.73	0.62
		1120	32.65	1.46	-11.64	-11.61	1.43	0.60	4.07	0.14	0.17	4.04	0.34
		1139	41.34	2.70	-17.41	-17.33	2.62	1.27	4.14	-0.43	-0.41	4.11	0.34
		1138	42.57	4.04	-16.33	-15.85	3.56	3.09	4.28	-0.47	-0.27	4.09	0.93
945	4	1119	9.38	6.74	-2.26	-2.20	6.69	-0.68	-0.56	-0.65	-0.65	-0.56	-0.02
		1120	9.22	6.30	-2.89	-2.88	6.29	-0.32	-0.59	-0.73	-0.72	-0.59	-0.01
		1139	16.21	6.20	-4.26	-4.26	6.19	0.15	1.09	-0.21	-0.21	1.09	-0.01
		1138	15.78	6.53	-3.56	-3.55	6.52	0.25	1.10	-0.14	-0.14	1.10	-0.02
946	1	1120	101.95	-0.98	-37.98	-37.84	-1.12	2.28	13.79	0.91	0.97	13.73	0.86
		1121	101.76	-1.25	-38.43	-38.43	-1.25	-0.22	13.75	0.92	0.93	13.75	-0.06
		1140	128.05	2.94	-56.87	-56.84	2.92	-1.24	13.41	-1.21	-1.17	13.37	-0.69
		1139	129.37	3.32	-56.57	-56.23	2.98	4.52	13.62	-1.22	-1.08	13.47	1.46
946	2	1120	24.17	15.40	-8.43	-8.41	15.38	-0.79	-1.72	-1.99	-1.99	-1.72	-0.02
		1121	24.07	15.04	-9.02	-9.02	15.04	5.98e-03	-1.75	-2.06	-2.06	-1.75	-4.50e-03
		1140	43.29	14.91	-12.72	-12.72	14.91	-1.04e-03	2.97	-0.61	-0.61	2.97	-3.99e-03



		1139	42.84	15.19	-12.09	-12.08	15.18	0.48	2.98	-0.54	-0.54	2.98	-0.02
946	3	1120	32.22	1.43	-11.62	-11.60	1.41	0.59	4.00	0.14	0.15	3.98	0.25
		1121	32.21	1.34	-11.81	-11.81	1.34	-0.07	3.99	0.13	0.13	3.99	-0.02
		1140	41.41	2.54	-17.58	-17.57	2.53	-0.37	4.18	-0.41	-0.40	4.17	-0.20
		1139	41.74	2.67	-17.44	-17.35	2.58	1.34	4.24	-0.40	-0.36	4.20	0.43
946	4	1120	9.22	6.31	-2.89	-2.87	6.29	-0.32	-0.59	-0.73	-0.72	-0.59	-8.99e-03
		1121	9.17	6.16	-3.10	-3.10	6.16	2.25e-03	-0.61	-0.75	-0.75	-0.61	-1.49e-03
		1140	16.36	6.08	-4.50	-4.50	6.08	-4.17e-04	1.09	-0.23	-0.23	1.09	-1.30e-03
		1139	16.21	6.19	-4.27	-4.26	6.19	0.15	1.09	-0.21	-0.21	1.09	-8.92e-03
947	1	1121	102.91	-1.16	-38.47	-38.46	-1.17	-0.25	13.96	0.95	0.96	13.95	-0.34
		1122	100.08	1.10	-37.20	-36.94	0.83	-3.16	13.05	0.69	0.83	12.90	-1.33
		1141	129.67	6.70	-54.40	-53.53	5.82	-7.27	13.19	-1.52	-1.11	12.78	-2.41
		1140	127.07	3.06	-56.83	-56.82	3.04	-0.99	13.08	-1.34	-1.33	13.07	-0.37
947	2	1121	24.07	15.04	-9.02	-9.02	15.04	-5.98e-03	-1.75	-2.06	-2.06	-1.75	4.50e-03
		1122	24.17	15.40	-8.43	-8.41	15.38	0.79	-1.72	-1.99	-1.99	-1.72	0.02
		1141	42.84	15.19	-12.09	-12.08	15.18	-0.48	2.98	-0.54	-0.54	2.98	0.02
		1140	43.29	14.91	-12.72	-12.72	14.91	1.04e-03	2.97	-0.61	-0.61	2.97	3.99e-03
947	3	1121	32.55	1.36	-11.82	-11.82	1.36	-0.08	4.05	0.14	0.15	4.05	-0.10
		1122	31.64	2.04	-11.38	-11.33	1.99	-0.85	3.78	0.07	0.11	3.74	-0.39
		1141	41.74	3.65	-16.78	-16.54	3.42	-2.16	4.11	-0.49	-0.37	4.00	-0.71
		1140	41.12	2.57	-17.57	-17.57	2.57	-0.29	4.09	-0.45	-0.44	4.08	-0.11
947	4	1121	9.17	6.16	-3.10	-3.10	6.16	-2.25e-03	-0.61	-0.75	-0.75	-0.61	1.49e-03
		1122	9.22	6.31	-2.89	-2.87	6.29	0.32	-0.59	-0.73	-0.72	-0.59	8.99e-03
		1141	16.21	6.19	-4.27	-4.26	6.19	-0.15	1.09	-0.21	-0.21	1.09	8.92e-03
		1140	16.36	6.08	-4.50	-4.50	6.08	4.16e-04	1.09	-0.23	-0.23	1.09	1.30e-03
948	1	1122	101.92	1.24	-37.27	-37.00	0.97	-3.22	13.36	0.72	0.88	13.20	-1.41
		1123	99.32	5.08	-34.27	-33.12	3.93	-6.64	12.21	0.14	0.66	11.69	-2.45
		1142	128.18	12.07	-49.43	-46.20	8.84	-13.72	11.80	-2.62	-1.37	10.55	-4.05
		1141	127.99	6.84	-54.26	-53.38	5.97	-7.26	12.69	-1.72	-1.33	12.31	-2.32
948	2	1122	24.16	15.40	-8.44	-8.42	15.37	0.78	-1.72	-2.00	-1.99	-1.72	0.03
		1123	24.50	16.50	-6.71	-6.59	16.37	1.69	-1.62	-1.80	-1.79	-1.64	0.05
		1142	41.57	16.03	-10.18	-10.15	16.00	-0.86	3.00	-0.36	-0.36	3.00	0.05
		1141	42.83	15.20	-12.07	-12.06	15.19	-0.48	2.98	-0.54	-0.54	2.98	0.03
948	3	1122	32.18	2.08	-11.40	-11.35	2.02	-0.87	3.87	0.08	0.13	3.83	-0.42
		1123	31.19	3.24	-10.31	-10.07	3.00	-1.78	3.54	-0.07	0.08	3.39	-0.72
		1142	40.89	5.25	-15.08	-14.24	4.40	-4.07	3.69	-0.78	-0.44	3.34	-1.20
		1141	41.24	3.69	-16.73	-16.50	3.46	-2.15	3.96	-0.55	-0.44	3.86	-0.69
948	4	1122	9.22	6.30	-2.89	-2.88	6.29	0.32	-0.59	-0.73	-0.72	-0.59	0.01
		1123	9.38	6.74	-2.26	-2.20	6.69	0.68	-0.56	-0.65	-0.65	-0.56	0.02
		1142	15.78	6.53	-3.56	-3.55	6.52	-0.25	1.10	-0.14	-0.14	1.10	0.02
		1141	16.21	6.20	-4.26	-4.26	6.19	-0.15	1.09	-0.21	-0.21	1.09	0.01
949	1	1123	99.88	5.15	-34.32	-33.15	3.98	-6.70	12.30	0.15	0.65	11.79	-2.43
		1124	97.55	9.47	-29.74	-27.06	6.79	-9.90	11.13	-0.68	0.40	10.05	-3.40
		1143	123.90	17.18	-42.79	-36.00	10.39	-19.00	9.80	-4.14	-1.67	7.33	-5.32
		1142	127.52	12.13	-49.24	-45.96	8.85	-13.80	11.60	-2.72	-1.44	10.32	-4.09
949	2	1123	24.48	16.48	-6.73	-6.61	16.36	1.67	-1.61	-1.81	-1.79	-1.63	0.06
		1124	25.19	18.42	-3.92	-3.56	18.06	2.81	-1.39	-1.56	-1.45	-1.50	0.08
		1143	39.79	17.44	-6.96	-6.92	17.39	-1.01	3.05	-0.05	-0.05	3.05	0.08
		1142	41.56	16.05	-10.14	-10.11	16.02	-0.85	3.00	-0.36	-0.36	3.00	0.06
949	3	1123	31.36	3.26	-10.32	-10.07	3.02	-1.80	3.56	-0.07	0.07	3.42	-0.71
		1124	30.30	4.57	-8.60	-8.05	4.01	-2.64	3.23	-0.29	0.03	2.91	-1.00
		1143	38.95	6.77	-12.76	-10.98	5.00	-5.61	3.08	-1.19	-0.50	2.39	-1.57
		1142	40.67	5.26	-15.02	-14.16	4.40	-4.09	3.63	-0.81	-0.46	3.27	-1.21
949	4	1123	9.37	6.74	-2.26	-2.21	6.68	0.68	-0.56	-0.65	-0.65	-0.56	0.02
		1124	9.69	7.50	-1.24	-1.09	7.35	1.13	-0.49	-0.55	-0.52	-0.51	0.03
		1143	15.19	7.08	-2.38	-2.37	7.08	-0.28	1.12	-0.02	-0.02	1.12	0.03
		1142	15.78	6.53	-3.55	-3.54	6.53	-0.25	1.10	-0.14	-0.14	1.10	0.02
950	1	1124	97.48	9.47	-29.78	-27.08	6.76	-9.94	11.10	-0.69	0.38	10.03	-3.39
		1125	94.31	13.57	-23.88	-19.38	9.07	-12.17	9.92	-1.61	0.22	8.09	-4.21
		1144	118.53	21.62	-35.27	-24.60	10.94	-22.21	8.04	-5.42	-1.68	4.31	-6.02
		1143	123.66	17.20	-42.59	-35.76	10.38	-19.01	9.75	-4.17	-1.67	7.25	-5.34
950	2	1124	25.16	18.39	-3.95	-3.59	18.04	2.79	-1.38	-1.56	-1.45	-1.49	0.09
		1125	26.45	21.34	-0.19	0.70	20.45	4.29	-0.94	-1.35	-0.98	-1.31	0.11
		1144	38.06	19.39	-2.42	-2.39	19.36	-0.83	3.11	0.38	0.38	3.11	0.10
		1143	39.78	17.46	-6.91	-6.86	17.42	-1.00	3.05	-0.05	-0.05	3.05	0.08
950	3	1124	30.28	4.56	-8.62	-8.06	4.01	-2.65	3.22	-0.29	0.02	2.90	-1.00
		1125	28.84	5.82	-6.36	-5.47	4.93	-3.17	2.88	-0.53	5.33e-03	2.34	-1.24
		1144	36.59	8.12	-10.03	-7.28	5.36	-6.51	2.54	-1.52	-0.47	1.50	-1.78
		1143	38.87	6.78	-12.69	-10.91	5.00	-5.61	3.06	-1.20	-0.50	2.36	-1.58
950	4	1124	9.68	7.49	-1.25	-1.10	7.35	1.12	-0.48	-0.55	-0.52	-0.51	0.03
		1125	10.24	8.65	0.12	0.48	8.30	1.71	-0.33	-0.46	-0.35	-0.44	0.04
		1144	14.64	7.86	-0.70	-0.70	7.86	-0.18	1.14	0.14	0.14	1.14	0.04
		1143	15.19	7.09	-2.35	-2.35	7.09	-0.27	1.12	-0.02	-0.02	1.12	0.03
951	1	1125	94.17	13.53	-23.94	-19.42	9.01	-12.20	9.89	-1.62	0.21	8.06	-4.21
		1126	90.01	17.11	-16.91	-10.79	11.00	-13.06	8.83	-2.46	0.22	6.15	-4.80
		1145	112.57	25.46	-27.26	-12.97	11.17	-23.43	6.88	-6.11	-1.32	2.10	-6.27
		1144	118.40	21.66	-35.08	-24.39	10.97	-22.19	8.03	-5.43	-1.69	4.29	-6.03



951	2	1125	26.41	21.31	-0.23	0.65	20.43	4.26	-0.94	-1.35	-0.97	-1.31	0.12
		1126	28.57	25.61	4.17	6.19	23.59	6.27	-0.35	-1.13	-0.38	-1.10	0.14
		1145	37.35	21.91	3.48	3.48	21.91	-0.18	3.20	0.94	0.94	3.19	0.12
		1144	38.07	19.44	-2.34	-2.31	19.41	-0.81	3.11	0.38	0.38	3.11	0.10
951	3	1125	28.80	5.80	-6.39	-5.49	4.91	-3.18	2.87	-0.53	4.72e-03	2.34	-1.24
		1126	26.98	6.92	-3.65	-2.54	5.80	-3.25	2.58	-0.74	0.05	1.79	-1.41
		1145	34.08	9.31	-7.04	-3.42	5.69	-6.79	2.20	-1.68	-0.32	0.85	-1.85
		1144	36.54	8.13	-9.97	-7.21	5.37	-6.50	2.54	-1.52	-0.48	1.49	-1.78
951	4	1125	10.22	8.64	0.11	0.46	8.29	1.70	-0.33	-0.46	-0.35	-0.44	0.04
		1126	11.12	10.32	1.71	2.50	9.53	2.48	-0.12	-0.37	-0.13	-0.36	0.05
		1145	14.48	8.87	1.46	1.46	8.87	0.10	1.18	0.34	0.35	1.17	0.04
		1144	14.65	7.88	-0.67	-0.67	7.88	-0.17	1.14	0.14	0.14	1.14	0.04
952	1	1126	89.88	17.06	-17.00	-10.87	10.93	-13.08	8.82	-2.44	0.25	6.14	-4.80
		1127	84.46	19.98	-8.91	-1.78	12.85	-12.46	7.93	-3.08	0.41	4.45	-5.12
		1146	105.76	28.82	-18.81	-1.43	11.43	-22.93	6.33	-6.11	-0.59	0.81	-6.18
		1145	112.59	25.52	-27.06	-12.78	11.23	-23.39	6.87	-6.14	-1.36	2.09	-6.27
952	2	1126	28.50	25.56	4.13	6.13	23.55	6.24	-0.35	-1.13	-0.38	-1.10	0.15
		1127	31.89	31.72	8.71	12.97	27.45	8.94	0.36	-0.89	0.33	-0.87	0.17
		1146	38.96	25.07	10.64	10.72	24.99	1.08	3.31	1.62	1.63	3.30	0.13
		1145	37.41	21.98	3.57	3.58	21.98	-0.13	3.20	0.93	0.93	3.19	0.12
952	3	1126	26.94	6.90	-3.69	-2.56	5.78	-3.26	2.58	-0.73	0.06	1.78	-1.41
		1127	24.75	7.83	-0.49	0.62	6.72	-2.83	2.34	-0.88	0.16	1.30	-1.51
		1146	31.47	10.36	-3.77	0.53	6.07	-6.50	2.05	-1.63	-0.06	0.48	-1.82
		1145	34.08	9.33	-6.97	-3.35	5.71	-6.77	2.20	-1.69	-0.34	0.85	-1.85
952	4	1126	11.09	10.29	1.70	2.47	9.52	2.46	-0.11	-0.37	-0.13	-0.36	0.05
		1127	12.46	12.65	3.38	4.99	11.05	3.51	0.15	-0.28	0.14	-0.28	0.06
		1146	15.15	10.15	4.06	4.12	10.09	0.61	1.22	0.60	0.60	1.21	0.05
		1145	14.50	8.90	1.49	1.49	8.90	0.12	1.17	0.34	0.34	1.17	0.04
953	1	1127	84.33	19.92	-9.04	-1.89	12.77	-12.48	7.96	-3.00	0.50	4.46	-5.11
		1128	77.08	22.09	0.12	7.40	14.81	-10.34	7.16	-3.39	0.74	3.04	-5.15
		1147	98.04	31.91	-9.98	10.07	11.86	-20.93	6.27	-5.45	0.49	0.33	-5.86
		1146	105.97	28.89	-18.58	-1.23	11.54	-22.86	6.29	-6.22	-0.72	0.79	-6.21
953	2	1127	31.79	31.61	8.67	12.89	27.40	8.88	0.38	-0.89	0.35	-0.86	0.18
		1128	36.89	40.19	12.92	21.13	31.98	12.51	1.18	-0.66	1.15	-0.63	0.21
		1147	44.10	29.47	18.47	19.42	28.52	3.09	3.44	2.43	2.46	3.42	0.14
		1146	39.09	25.22	10.74	10.84	25.12	1.18	3.31	1.59	1.60	3.29	0.14
953	3	1127	24.72	7.81	-0.54	0.58	6.69	-2.84	2.35	-0.86	0.19	1.30	-1.50
		1128	22.12	8.51	3.15	3.92	7.73	-1.89	2.15	-0.93	0.32	0.90	-1.51
		1147	28.88	11.34	-0.24	4.56	6.53	-5.71	2.06	-1.39	0.32	0.34	-1.73
		1146	31.52	10.39	-3.68	0.59	6.11	-6.47	2.04	-1.67	-0.10	0.47	-1.83
953	4	1127	12.42	12.61	3.37	4.96	11.03	3.49	0.15	-0.28	0.14	-0.27	0.06
		1128	14.54	15.85	4.96	7.99	12.81	4.88	0.45	-0.20	0.44	-0.19	0.08
		1147	17.06	11.91	6.90	7.33	11.47	1.41	1.27	0.90	0.91	1.26	0.05
		1146	15.20	10.21	4.10	4.17	10.14	0.65	1.22	0.59	0.59	1.21	0.05
954	1	1128	77.22	22.01	-0.10	7.24	14.67	-10.41	7.32	-3.19	1.01	3.12	-5.15
		1129	67.00	23.45	10.16	16.58	17.03	-6.64	6.34	-3.35	1.10	1.89	-4.83
		1148	90.83	35.27	-1.11	21.82	12.35	-17.56	6.59	-4.23	1.96	0.40	-5.35
		1147	98.35	32.01	-9.63	10.31	12.07	-20.80	6.07	-5.77	0.06	0.24	-5.92
954	2	1128	36.72	39.96	12.91	21.01	31.85	12.39	1.23	-0.65	1.21	-0.63	0.20
		1129	51.48	51.41	16.34	30.67	37.08	17.24	2.06	-0.43	2.02	-0.38	0.31
		1148	53.12	37.15	24.88	29.82	32.20	6.02	3.60	3.30	3.43	3.47	0.15
		1147	44.25	29.85	18.51	19.57	28.79	3.30	3.44	2.34	2.36	3.42	0.15
954	3	1128	22.21	8.47	3.07	3.87	7.68	-1.92	2.20	-0.87	0.40	0.92	-1.51
		1129	19.08	8.94	7.25	7.33	8.85	-0.37	1.94	-0.87	0.49	0.58	-1.41
		1148	26.95	12.43	3.40	8.80	7.03	-4.43	2.19	-0.99	0.83	0.37	-1.58
		1147	28.91	11.37	-0.10	4.64	6.62	-5.65	2.00	-1.49	0.19	0.32	-1.74
954	4	1128	14.47	15.76	4.95	7.95	12.77	4.84	0.47	-0.19	0.46	-0.19	0.07
		1129	19.92	20.05	6.25	11.51	14.79	6.70	0.78	-0.11	0.77	-0.10	0.12
		1148	20.36	14.74	9.34	11.17	12.91	2.56	1.33	1.22	1.27	1.28	0.05
		1147	17.13	12.05	6.91	7.39	11.58	1.49	1.27	0.87	0.87	1.26	0.05
955	1	1129	68.72	23.34	9.44	16.30	16.48	-6.95	6.88	-2.84	1.83	2.21	-4.86
		1130	53.66	25.38	19.92	25.22	20.07	-0.90	5.31	-2.87	1.44	1.00	-4.08
		1149	88.19	40.17	6.28	34.54	11.90	-12.61	7.19	-2.90	3.91	0.38	-4.73
		1148	89.86	35.59	-0.18	22.31	13.10	-17.28	5.79	-5.21	0.63	-0.06	-5.49
955	2	1129	50.55	50.78	16.50	30.59	36.70	16.87	2.05	-0.42	2.02	-0.40	0.26
		1130	72.27	65.52	18.19	40.58	43.13	23.63	3.34	0.37	3.18	0.52	0.66
		1149	65.27	50.29	27.40	42.79	34.90	10.74	4.41	2.56	4.38	2.58	0.20
		1148	53.15	38.16	24.94	30.14	32.96	6.46	3.54	3.06	3.16	3.44	0.19
955	3	1129	19.78	8.81	7.09	7.24	8.66	-0.49	2.11	-0.73	0.71	0.68	-1.42
		1130	17.01	12.35	8.56	10.62	10.28	1.89	1.70	-0.64	0.68	0.38	-1.16
		1149	27.16	14.42	6.27	13.53	7.16	-2.55	2.40	-0.62	1.48	0.30	-1.39
		1148	26.35	12.53	3.76	8.97	7.32	-4.31	1.94	-1.29	0.42	0.23	-1.61
955	4	1129	19.56	19.81	6.31	11.48	14.65	6.56	0.78	-0.11	0.77	-0.10	0.10
		1130	27.71	25.35	6.93	15.17	17.11	9.16	1.26	0.18	1.20	0.24	0.25
		1149	24.71	19.45	10.49	15.97	13.97	4.37	1.63	0.94	1.62	0.95	0.07
		1148	20.40	15.14	9.36	11.29	13.20	2.73	1.30	1.13	1.17	1.26	0.07
956	1	1130	56.22	23.20	19.31	22.92	19.59	-1.00	6.28	-1.83	2.80	1.65	-4.01



		257	55.89	30.03	21.69	28.74	22.98	3.02	6.64	-1.67	2.43	2.53	-4.16
		198	86.41	47.46	11.13	47.45	11.14	0.52	7.48	-1.02	6.60	-0.14	-2.59
		1149	83.53	44.51	9.18	39.80	13.89	-12.01	4.54	-5.82	0.24	-1.51	-5.11
956	2	1130	69.50	66.42	18.26	41.08	43.60	24.05	2.15	0.18	1.88	0.45	0.68
		257	108.31	76.34	13.54	38.56	51.32	30.74	10.05	5.95	10.05	5.95	0.14
		198	105.17	82.35	19.53	66.94	34.94	27.03	6.26	-0.37	6.25	-0.36	0.31
		1149	61.37	51.31	28.76	44.45	35.63	10.38	3.30	1.49	3.07	1.73	0.61
956	3	1130	17.17	11.96	8.19	9.97	10.18	1.89	1.94	-0.39	0.99	0.56	-1.14
		257	20.82	15.31	7.97	11.48	11.81	3.67	2.59	0.12	1.47	1.24	-1.23
		198	31.14	19.72	6.45	19.18	7.00	2.64	2.63	-0.28	2.42	-0.08	-0.74
		1149	24.49	15.90	7.11	15.21	7.81	-2.37	1.49	-1.52	0.29	-0.33	-1.47
956	4	1130	26.73	25.68	6.96	15.35	17.29	9.31	0.82	0.10	0.71	0.20	0.25
		257	41.14	29.53	5.07	14.38	20.21	11.88	3.73	2.25	3.73	2.25	0.05
		198	39.35	31.32	7.68	24.95	14.05	10.49	2.32	-0.15	2.32	-0.14	0.12
		1149	23.32	19.83	11.00	16.58	14.25	4.26	1.22	0.55	1.13	0.63	0.22
957	1	100	94.62	48.31	6.99	47.02	8.28	-7.18	11.15	2.71	9.53	4.33	3.32
		1131	95.56	48.44	5.93	40.39	13.98	-16.66	6.95	-4.77	0.82	1.36	5.85
		1150	75.12	38.93	9.35	38.91	9.38	-0.91	6.93	-2.47	4.72	-0.26	3.99
		164	85.22	49.05	11.52	46.58	13.99	-9.31	9.39	-0.41	7.35	1.64	3.98
957	2	100	107.10	82.61	16.40	66.45	32.56	-28.43	6.87	3.18	6.84	3.22	-0.35
		1131	86.73	77.19	2.78	44.43	35.54	-36.94	4.05	2.70	3.98	2.77	0.30
		1150	61.05	58.70	15.43	42.42	31.72	-20.96	2.77	1.00	2.70	1.07	0.34
		164	91.97	66.34	13.79	41.02	39.11	-26.26	8.58	2.57	8.58	2.57	0.10
957	3	100	34.15	20.53	4.40	19.00	5.93	-4.72	3.76	1.16	3.35	1.58	0.95
		1131	34.04	20.58	2.63	15.38	7.83	-8.14	2.34	-1.17	0.55	0.62	1.75
		1150	23.68	15.33	5.55	14.77	6.11	-2.27	2.28	-0.59	1.63	0.06	1.20
		164	29.76	19.34	5.68	16.92	8.10	-5.22	3.33	0.13	2.80	0.66	1.19
957	4	100	40.30	31.40	6.48	24.76	13.12	-11.02	2.56	1.23	2.55	1.25	-0.14
		1131	33.07	29.60	1.19	16.58	14.22	-14.15	1.51	1.01	1.49	1.04	0.11
		1150	23.47	22.63	5.91	15.81	12.72	-8.21	1.06	0.42	1.03	0.45	0.12
		164	34.58	25.65	5.17	15.27	15.54	-10.24	3.16	0.94	3.16	0.94	0.04
958	1	1131	85.03	42.41	5.47	35.06	12.82	-14.75	8.90	-2.80	4.40	1.70	5.69
		1132	85.58	29.31	5.24	21.30	13.26	-11.34	6.86	-5.56	0.58	0.72	6.21
		1151	75.63	27.83	7.86	27.44	8.25	2.76	4.46	-7.47	1.32	-4.33	5.26
		1150	70.67	40.22	10.03	40.14	10.11	-1.51	6.02	-3.49	3.18	-0.65	4.35
958	2	1131	85.31	73.28	5.05	42.76	35.56	-33.92	4.45	3.21	4.43	3.24	0.16
		1132	73.65	60.66	1.86	30.08	32.44	-29.37	3.70	3.21	3.24	3.67	-0.11
		1151	49.15	47.10	11.54	31.36	27.28	-17.66	2.07	-0.49	2.07	-0.49	-0.06
		1150	64.76	59.24	14.01	41.78	31.47	-22.02	3.09	0.71	3.09	0.71	0.03
958	3	1131	30.56	18.53	2.63	13.67	7.49	-7.32	2.95	-0.57	1.63	0.75	1.70
		1132	29.82	13.95	2.03	8.66	7.31	-5.92	2.28	-1.39	0.41	0.48	1.83
		1151	21.07	10.71	5.24	10.56	5.39	-0.88	1.45	-2.16	0.56	-1.27	1.55
		1150	21.92	15.77	5.63	15.09	6.31	-2.54	1.99	-0.89	1.19	-0.09	1.29
958	4	1131	32.43	28.13	2.06	15.96	14.23	-13.01	1.65	1.19	1.64	1.20	0.06
		1132	28.17	23.43	0.84	11.26	13.00	-11.26	1.36	1.19	1.20	1.35	-0.04
		1151	18.85	18.31	4.44	11.72	11.02	-6.93	0.78	-0.14	0.78	-0.14	-0.02
		1150	24.75	22.84	5.37	15.57	12.64	-8.61	1.16	0.31	1.16	0.31	5.85e-03
959	1	1132	85.00	28.81	5.31	21.04	13.08	-11.06	7.82	-4.82	2.01	1.00	6.30
		1133	81.77	17.37	2.88	7.83	12.43	-6.87	7.49	-5.97	0.15	1.38	6.70
		1152	86.47	18.13	3.26	12.81	8.58	7.12	2.28	-11.59	-1.44	-7.86	6.15
		1151	74.64	27.61	7.95	27.13	8.43	3.03	4.14	-7.71	0.76	-4.34	5.35
959	2	1132	73.15	60.05	2.32	29.85	32.51	-28.83	3.65	3.39	3.44	3.60	-0.11
		1133	60.68	48.03	0.06	19.53	28.56	-23.55	3.45	2.34	2.36	3.43	-0.14
		1152	35.24	36.22	8.73	20.79	24.16	-13.64	1.29	-0.54	1.29	-0.53	-0.06
		1151	48.95	47.01	11.48	31.19	27.29	-17.66	2.05	-0.32	2.05	-0.32	-0.04
959	3	1132	29.58	13.74	2.10	8.57	7.28	-5.79	2.57	-1.16	0.85	0.56	1.86
		1133	27.75	9.63	0.98	3.90	6.71	-4.10	2.42	-1.55	0.22	0.65	1.98
		1152	24.21	6.11	4.53	5.45	5.18	0.78	0.76	-3.39	-0.32	-2.32	1.82
		1151	21.14	10.58	5.31	10.46	5.44	-0.80	1.35	-2.22	0.39	-1.26	1.58
959	4	1132	27.96	23.20	1.01	11.18	13.03	-11.05	1.35	1.25	1.27	1.33	-0.04
		1133	23.33	18.70	0.16	7.37	11.49	-9.04	1.27	0.87	0.87	1.26	-0.05
		1152	13.79	14.28	3.34	7.82	9.80	-5.38	0.49	-0.15	0.49	-0.15	-0.02
		1151	18.81	18.28	4.41	11.66	11.03	-6.93	0.78	-0.07	0.78	-0.07	-0.02
960	1	1133	82.22	17.24	2.87	7.65	12.47	-6.77	7.80	-5.78	0.57	1.46	6.77
		1134	78.97	12.66	-6.04	-5.40	12.02	-3.41	8.44	-5.98	-0.42	2.87	7.02
		1153	102.72	15.55	-7.86	-1.39	9.07	10.47	-0.06	-15.49	-4.16	-11.39	6.81
		1152	86.40	18.15	3.26	12.85	8.56	7.13	2.16	-11.66	-1.62	-7.88	6.16
960	2	1133	60.58	47.84	0.25	19.44	28.65	-23.35	3.46	2.44	2.46	3.44	-0.14
		1134	51.30	37.86	-2.03	10.82	25.01	-18.64	3.29	1.58	1.59	3.28	-0.13
		1153	28.07	27.89	5.13	11.73	21.29	-10.33	0.47	-0.62	0.47	-0.62	-0.04
		1152	35.06	36.23	8.66	20.79	24.09	-13.69	1.23	-0.52	1.23	-0.52	-0.05
960	3	1133	27.86	9.58	0.99	3.84	6.73	-4.04	2.52	-1.49	0.35	0.68	2.00
		1134	26.10	7.14	-1.54	-0.65	6.24	-2.64	2.68	-1.60	-8.22e-03	1.09	2.07
		1153	28.38	5.86	-0.22	0.59	5.04	2.07	0.01	-4.57	-1.18	-3.38	2.01
		1152	24.24	6.10	4.53	5.46	5.17	0.77	0.72	-3.42	-0.37	-2.33	1.82
960	4	1133	23.29	18.63	0.23	7.34	11.52	-8.96	1.27	0.90	0.91	1.27	-0.05
		1134	19.80	14.88	-0.62	4.16	10.09	-7.16	1.21	0.58	0.59	1.21	-0.05



		1153	11.04	11.17	1.97	4.48	8.66	-4.09	0.19	-0.18	0.19	-0.18	-0.02
		1152	13.73	14.28	3.31	7.82	9.77	-5.39	0.47	-0.15	0.47	-0.14	-0.02
961	1	1134	79.34	12.65	-6.20	-5.58	12.03	-3.36	8.53	-5.96	-0.34	2.90	7.06
		1135	92.04	11.68	-18.63	-18.60	11.65	-1.02	9.90	-5.34	-0.77	5.34	6.98
		1154	120.35	15.16	-21.05	-15.60	9.71	12.95	-2.62	-19.08	-6.89	-14.82	7.21
		1153	102.84	15.57	-7.79	-1.29	9.07	10.47	-0.08	-15.52	-4.17	-11.43	6.81
961	2	1134	51.28	37.77	-1.99	10.73	25.05	-18.54	3.30	1.61	1.63	3.29	-0.13
		1135	45.55	29.89	-4.40	3.57	21.92	-14.48	3.18	0.92	0.93	3.17	-0.11
		1154	24.55	22.07	0.89	4.17	18.80	-7.66	-0.21	-0.71	-0.21	-0.71	-0.03
		1153	28.04	27.91	5.11	11.76	21.26	-10.36	0.45	-0.63	0.45	-0.63	-0.05
961	3	1134	26.20	7.13	-1.58	-0.70	6.25	-2.62	2.71	-1.60	0.02	1.09	2.08
		1135	27.65	6.05	-5.30	-5.08	5.83	-1.58	3.11	-1.46	-0.16	1.81	2.06
		1154	33.63	5.90	-5.09	-4.17	4.98	3.05	-0.78	-5.66	-2.04	-4.40	2.13
		1153	28.42	5.85	-0.20	0.62	5.04	2.07	9.64e-03	-4.58	-1.19	-3.39	2.02
961	4	1134	19.79	14.84	-0.60	4.13	10.11	-7.12	1.21	0.60	0.60	1.21	-0.05
		1135	17.59	11.86	-1.50	1.49	8.87	-5.57	1.17	0.34	0.34	1.17	-0.04
		1154	9.63	8.95	0.41	1.69	7.67	-3.05	-0.06	-0.22	-0.07	-0.22	-0.01
		1153	11.04	11.17	1.96	4.49	8.65	-4.11	0.18	-0.19	0.18	-0.19	-0.02
962	1	1135	92.77	11.70	-18.82	-18.79	11.67	-1.00	9.95	-5.40	-0.83	5.37	7.02
		1136	109.75	10.96	-31.48	-31.48	10.96	0.25	11.92	-3.99	-0.77	8.70	6.39
		1155	135.90	14.85	-34.88	-30.38	10.34	14.27	-5.48	-21.97	-9.70	-17.75	7.19
		1154	120.61	15.21	-20.99	-15.52	9.73	12.97	-2.56	-19.12	-6.80	-14.88	7.23
962	2	1135	45.57	29.84	-4.42	3.48	21.93	-14.43	3.18	0.93	0.94	3.18	-0.12
		1136	42.82	23.92	-6.86	-2.31	19.37	-10.92	3.09	0.37	0.38	3.09	-0.09
		1155	22.25	18.24	-3.46	-1.96	16.74	-5.51	-0.75	-0.80	-0.77	-0.78	-0.03
		1154	24.51	22.08	0.91	4.21	18.78	-7.68	-0.22	-0.72	-0.22	-0.71	-0.04
962	3	1135	27.88	6.05	-5.36	-5.14	5.84	-1.57	3.12	-1.48	-0.18	1.82	2.07
		1136	34.08	5.42	-9.37	-9.31	5.37	-0.89	3.71	-1.12	-0.20	2.80	1.89
		1155	38.94	5.85	-9.88	-9.99	4.95	3.65	-1.66	-6.53	-2.92	-5.27	2.13
		1154	33.69	5.91	-5.07	-4.14	4.98	3.06	-0.76	-5.67	-2.02	-4.42	2.14
962	4	1135	17.60	11.84	-1.50	1.46	8.88	-5.55	1.17	0.34	0.34	1.17	-0.04
		1136	16.47	9.58	-2.39	-0.67	7.86	-4.20	1.14	0.14	0.14	1.13	-0.03
		1155	8.67	7.45	-1.18	-0.57	6.84	-2.21	-0.24	-0.27	-0.27	-0.24	-9.90e-03
		1154	9.62	8.95	0.41	1.70	7.66	-3.06	-0.07	-0.22	-0.07	-0.22	-0.01
963	1	1136	111.18	10.98	-31.71	-31.71	10.98	0.24	12.02	-4.13	-0.90	8.79	6.46
		1137	124.89	9.30	-43.04	-43.03	9.30	0.31	13.96	-2.27	-0.56	12.25	4.99
		1156	145.06	13.63	-49.22	-46.12	10.52	13.63	-8.59	-23.14	-12.40	-19.33	6.39
		1155	135.84	14.95	-34.89	-30.36	10.42	14.33	-5.40	-22.00	-9.55	-17.85	7.18
963	2	1136	42.87	23.89	-6.90	-2.38	19.37	-10.90	3.09	0.38	0.38	3.09	-0.10
		1137	42.13	19.70	-9.16	-6.87	17.40	-7.82	3.03	-0.06	-0.06	3.03	-0.07
		1156	21.93	15.77	-7.33	-6.69	15.13	-3.78	-0.83	-1.19	-1.19	-0.83	-0.02
		1155	22.21	18.25	-3.44	-1.93	16.73	-5.53	-0.74	-0.81	-0.77	-0.78	-0.04
963	3	1136	34.51	5.43	-9.44	-9.39	5.37	-0.89	3.74	-1.16	-0.24	2.82	1.91
		1137	39.54	4.70	-13.08	-13.06	4.68	-0.60	4.33	-0.66	-0.17	3.84	1.47
		1156	42.45	5.50	-14.67	-13.99	4.83	3.63	-2.61	-6.89	-3.75	-5.74	1.89
		1155	38.90	5.87	-9.88	-8.98	4.97	3.66	-1.64	-6.54	-2.87	-5.30	2.13
963	4	1136	16.48	9.57	-2.41	-0.70	7.86	-4.19	1.14	0.14	0.14	1.14	-0.04
		1137	16.10	7.96	-3.23	-2.35	7.08	-3.01	1.11	-0.02	-0.02	1.11	-0.03
		1156	8.67	6.46	-2.57	-2.31	6.20	-1.53	-0.26	-0.43	-0.43	-0.26	-7.52e-03
		1155	8.65	7.45	-1.17	-0.55	6.84	-2.22	-0.24	-0.28	-0.27	-0.24	-0.01
964	1	1137	124.69	9.18	-43.33	-43.33	9.18	0.22	13.98	-2.29	-0.47	12.16	5.13
		1138	135.09	6.14	-51.35	-51.34	6.13	-0.41	15.27	-1.33	-0.77	14.71	3.00
		1157	142.86	10.35	-63.28	-61.94	9.01	9.84	-10.99	-21.59	-13.40	-19.18	4.44
		1156	141.98	13.84	-49.37	-46.25	10.72	13.68	-8.79	-22.62	-12.29	-19.12	6.01
964	2	1137	42.18	19.69	-9.21	-6.92	17.40	-7.81	3.03	-0.06	-0.05	3.03	-0.08
		1138	42.44	16.95	-11.05	-10.11	16.01	-5.04	2.98	-0.36	-0.36	2.98	-0.05
		1157	25.01	14.23	-10.29	-10.06	14.00	-2.36	-0.86	-1.50	-1.50	-0.86	-0.01
		1156	21.95	15.78	-7.31	-6.67	15.14	-3.79	-0.83	-1.20	-1.19	-0.83	-0.03
964	3	1137	39.46	4.66	-13.18	-13.16	4.64	-0.63	4.33	-0.66	-0.15	3.82	1.51
		1138	43.19	3.61	-15.77	-15.76	3.60	-0.57	4.72	-0.42	-0.26	4.57	0.88
		1157	42.55	4.56	-19.22	-18.92	4.26	2.66	-3.34	-6.43	-4.07	-5.70	1.31
		1156	41.56	5.57	-14.71	-14.03	4.89	3.65	-2.67	-6.73	-3.72	-5.68	1.78
964	4	1137	16.12	7.95	-3.24	-2.37	7.08	-3.01	1.11	-0.02	-0.02	1.11	-0.03
		1138	16.13	6.88	-3.90	-3.54	6.52	-1.94	1.09	-0.14	-0.14	1.09	-0.02
		1157	9.67	5.83	-3.65	-3.55	5.74	-0.96	-0.27	-0.54	-0.54	-0.27	-4.80e-03
		1156	8.67	6.46	-2.57	-2.30	6.20	-1.53	-0.26	-0.43	-0.43	-0.26	-0.01
965	1	1138	127.22	5.78	-51.64	-51.64	5.78	-0.43	14.48	-0.65	-0.09	13.91	2.87
		1139	137.17	2.87	-55.37	-55.36	2.86	-0.57	15.44	-1.18	-1.04	15.31	1.50
		1158	134.42	5.94	-73.29	-73.11	5.76	3.80	-12.65	-18.00	-12.96	-17.70	1.24
		1157	140.01	10.18	-63.36	-62.05	8.87	9.74	-10.57	-20.24	-13.31	-17.50	4.36
965	2	1138	42.48	16.94	-11.08	-10.15	16.00	-5.04	2.98	-0.36	-0.36	2.98	-0.05
		1139	42.94	15.40	-12.28	-12.06	15.18	-2.47	2.96	-0.55	-0.55	2.96	-0.02
		1158	27.13	13.37	-12.13	-12.08	13.32	-1.13	-0.88	-1.68	-1.68	-0.88	-4.54e-03
		1157	25.02	14.23	-10.28	-10.05	14.00	-2.37	-0.86	-1.50	-1.50	-0.86	-0.02
965	3	1138	40.86	3.51	-15.86	-15.85	3.49	-0.58	4.49	-0.21	-0.06	4.33	0.85
		1139	44.06	2.55	-17.09	-17.09	2.54	-0.39	4.78	-0.39	-0.35	4.74	0.44
		1158	40.63	3.26	-22.41	-22.37	3.22	1.00	-3.85	-5.36	-3.95	-5.26	0.37



		1157	41.85	4.51	-19.24	-18.95	4.22	2.63	-3.21	-6.04	-4.04	-5.20	1.29
965	4	1138	16.14	6.88	-3.91	-3.55	6.52	-1.94	1.09	-0.14	-0.14	1.09	-0.02
		1139	16.25	6.28	-4.34	-4.26	6.19	-0.95	1.08	-0.21	-0.21	1.08	-8.07e-03
		1158	10.39	5.48	-4.31	-4.29	5.46	-0.46	-0.28	-0.61	-0.61	-0.28	-1.78e-03
		1157	9.67	5.84	-3.64	-3.54	5.74	-0.96	-0.27	-0.54	-0.54	-0.27	-7.61e-03
966	1	1139	130.42	2.63	-55.49	-55.49	2.63	-0.27	14.69	-0.55	-0.53	14.67	0.62
		1140	130.68	2.57	-56.11	-56.11	2.57	0.15	14.58	-0.63	-0.62	14.58	0.15
		1159	134.89	5.54	-73.83	-73.75	5.46	-2.52	-12.20	-17.35	-13.03	-16.52	-1.89
		1158	135.24	5.65	-73.27	-73.09	5.47	3.69	-11.58	-17.60	-12.88	-16.30	2.48
966	2	1139	42.96	15.40	-12.30	-12.08	15.18	-2.47	2.96	-0.55	-0.55	2.96	-0.03
		1140	43.17	14.90	-12.71	-12.71	14.90	2.27e-03	2.95	-0.61	-0.61	2.95	4.01e-03
		1159	27.88	13.09	-12.75	-12.75	13.09	1.96e-03	-0.89	-1.74	-1.74	-0.89	4.23e-03
		1158	27.13	13.37	-12.12	-12.07	13.32	-1.14	-0.88	-1.68	-1.68	-0.88	-0.01
966	3	1139	42.10	2.48	-17.13	-17.13	2.47	-0.30	4.56	-0.21	-0.20	4.55	0.18
		1140	42.22	2.43	-17.36	-17.36	2.43	0.04	4.53	-0.23	-0.23	4.53	0.05
		1159	40.98	3.13	-22.63	-22.61	3.11	-0.75	-3.71	-5.18	-3.98	-4.92	-0.56
		1158	40.97	3.17	-22.40	-22.37	3.14	0.97	-3.52	-5.26	-3.93	-4.85	0.73
966	4	1139	16.26	6.28	-4.35	-4.26	6.19	-0.95	1.08	-0.21	-0.21	1.08	-0.01
		1140	16.32	6.08	-4.50	-4.50	6.08	8.12e-04	1.08	-0.23	-0.23	1.08	1.31e-03
		1159	10.64	5.37	-4.54	-4.54	5.37	7.59e-04	-0.28	-0.63	-0.63	-0.28	1.39e-03
		1158	10.39	5.48	-4.31	-4.29	5.46	-0.46	-0.28	-0.61	-0.61	-0.28	-4.58e-03
967	1	1140	136.95	2.80	-56.00	-56.00	2.80	0.44	15.25	-1.17	-1.14	15.22	-0.72
		1141	126.86	5.58	-53.52	-53.52	5.58	0.19	13.95	-0.68	-0.37	13.64	-2.11
		1160	140.54	9.84	-65.04	-64.02	8.83	-8.66	-11.57	-20.32	-13.74	-18.15	-3.78
		1159	134.86	5.83	-73.84	-73.75	5.74	-2.63	-13.01	-18.00	-13.10	-17.91	-0.65
967	2	1140	43.17	14.90	-12.71	-12.71	14.90	-2.27e-03	2.95	-0.61	-0.61	2.95	-4.01e-03
		1141	42.96	15.40	-12.30	-12.08	15.18	2.47	2.96	-0.55	-0.55	2.96	0.03
		1160	27.13	13.37	-12.12	-12.07	13.32	1.14	-0.88	-1.68	-1.68	-0.88	0.01
		1159	27.88	13.09	-12.75	-12.75	13.09	-1.97e-03	-0.89	-1.74	-1.74	-0.89	-4.23e-03
967	3	1140	44.07	2.50	-17.32	-17.32	2.49	0.13	4.72	-0.39	-0.39	4.72	-0.21
		1141	40.96	3.35	-16.55	-16.54	3.35	0.28	4.34	-0.24	-0.15	4.25	-0.62
		1160	42.30	4.38	-19.93	-19.68	4.13	-2.44	-3.52	-6.06	-4.18	-5.40	-1.12
		1159	40.86	3.22	-22.63	-22.61	3.19	-0.78	-3.97	-5.36	-4.00	-5.33	-0.19
967	4	1140	16.32	6.08	-4.50	-4.50	6.08	-8.13e-04	1.08	-0.23	-0.23	1.08	-1.31e-03
		1141	16.26	6.28	-4.35	-4.26	6.19	0.95	1.08	-0.21	-0.21	1.08	0.01
		1160	10.39	5.48	-4.31	-4.29	5.46	0.46	-0.28	-0.61	-0.61	-0.28	4.58e-03
		1159	10.64	5.37	-4.54	-4.54	5.37	-7.60e-04	-0.28	-0.63	-0.63	-0.28	-1.39e-03
968	1	1141	134.76	5.94	-53.24	-53.24	5.94	0.17	14.75	-1.37	-1.06	14.44	-2.24
		1142	123.82	8.86	-46.51	-46.50	8.85	-0.70	13.11	-2.32	-0.94	11.73	-4.40
		1161	143.54	13.27	-52.20	-49.60	10.67	-12.78	-10.06	-23.13	-13.00	-20.19	-5.46
		1160	143.44	10.01	-64.93	-63.89	8.97	-8.76	-11.94	-21.72	-13.83	-19.83	-3.86
968	2	1141	42.94	15.40	-12.28	-12.06	15.18	2.47	2.96	-0.55	-0.55	2.96	0.02
		1142	42.48	16.94	-11.08	-10.15	16.00	5.04	2.98	-0.36	-0.36	2.98	0.05
		1161	25.02	14.23	-10.28	-10.05	14.00	2.37	-0.86	-1.50	-1.50	-0.86	0.02
		1160	27.13	13.37	-12.13	-12.08	13.32	1.13	-0.88	-1.68	-1.68	-0.88	4.54e-03
968	3	1141	43.29	3.46	-16.46	-16.46	3.45	0.27	4.57	-0.45	-0.36	4.49	-0.66
		1142	39.57	4.40	-14.33	-14.33	4.40	0.24	4.07	-0.70	-0.31	3.69	-1.30
		1161	42.44	5.35	-15.87	-15.26	4.75	-3.53	-3.06	-6.89	-3.95	-6.00	-1.62
		1160	43.01	4.43	-19.90	-19.64	4.17	-2.47	-3.63	-6.47	-4.21	-5.90	-1.14
968	4	1141	16.25	6.28	-4.34	-4.26	6.19	0.95	1.08	-0.21	-0.21	1.08	8.07e-03
		1142	16.14	6.88	-3.91	-3.55	6.52	1.94	1.09	-0.14	-0.14	1.09	0.02
		1161	9.67	5.84	-3.64	-3.54	5.74	0.96	-0.27	-0.54	-0.54	-0.27	7.61e-03
		1160	10.39	5.48	-4.31	-4.29	5.46	0.46	-0.28	-0.61	-0.61	-0.28	1.78e-03
969	1	1142	124.11	8.98	-46.23	-46.22	8.96	-0.79	13.11	-2.32	-1.03	11.82	-4.26
		1143	110.58	10.53	-36.25	-36.22	10.50	-1.10	10.91	-4.24	-1.55	8.21	-5.79
		1162	138.19	14.19	-38.99	-35.18	10.37	-13.72	-6.95	-22.91	-10.54	-19.32	-6.67
		1161	146.43	13.05	-52.04	-49.45	10.46	-12.72	-9.87	-23.64	-13.11	-20.41	-5.84
969	2	1142	42.44	16.95	-11.05	-10.11	16.01	5.04	2.98	-0.36	-0.36	2.98	0.05
		1143	42.18	19.69	-9.21	-6.92	17.40	7.81	3.03	-0.06	-0.05	3.03	0.08
		1162	21.95	15.78	-7.31	-6.67	15.14	3.79	-0.83	-1.20	-1.19	-0.83	0.03
		1161	25.01	14.23	-10.29	-10.06	14.00	2.36	-0.86	-1.50	-1.50	-0.86	0.01
969	3	1142	39.67	4.44	-14.24	-14.24	4.44	0.21	4.07	-0.70	-0.34	3.71	-1.26
		1143	34.83	5.04	-11.06	-11.05	5.03	0.37	3.40	-1.22	-0.47	2.65	-1.71
		1162	40.11	5.60	-11.56	-10.75	4.79	-3.66	-2.12	-6.82	-3.20	-5.74	-1.97
		1161	43.27	5.29	-15.82	-15.22	4.69	-3.51	-3.01	-7.04	-3.98	-6.07	-1.73
969	4	1142	16.13	6.88	-3.90	-3.54	6.52	1.94	1.09	-0.14	-0.14	1.09	0.02
		1143	16.12	7.95	-3.24	-2.37	7.08	3.01	1.11	-0.02	-0.02	1.11	0.03
		1162	8.67	6.46	-2.57	-2.30	6.20	1.53	-0.26	-0.43	-0.43	-0.26	0.01
		1161	9.67	5.83	-3.65	-3.55	5.74	0.96	-0.27	-0.54	-0.54	-0.27	4.80e-03
970	1	1143	109.12	10.51	-36.04	-36.01	10.48	-1.12	10.81	-4.10	-1.42	8.13	-5.73
		1144	93.06	11.04	-24.71	-24.71	11.04	-0.44	8.69	-5.66	-1.65	4.68	-6.43
		1163	123.86	14.24	-26.48	-21.96	9.71	-12.80	-4.36	-20.42	-8.07	-16.71	-6.77
		1162	138.26	14.08	-38.97	-35.18	10.29	-13.66	-7.04	-22.87	-10.70	-19.22	-6.67
970	2	1143	42.13	19.70	-9.16	-6.87	17.40	7.82	3.03	-0.06	-0.06	3.03	0.07
		1144	42.87	23.89	-6.90	-2.38	19.37	10.90	3.09	0.38	0.38	3.09	0.10
		1163	22.21	18.25	-3.44	-1.93	16.73	5.53	-0.74	-0.81	-0.77	-0.78	0.04
		1162	21.93	15.77	-7.33	-6.69	15.13	3.78	-0.83	-1.19	-1.19	-0.83	0.02



970	3	1143	34.40	5.04	-10.99	-10.98	5.03	0.36	3.38	-1.18	-0.43	2.62	-1.69
		1144	28.55	5.45	-7.37	-7.31	5.39	0.83	2.74	-1.59	-0.47	1.61	-1.90
		1163	35.21	5.61	-7.34	-6.49	4.76	-3.21	-1.33	-6.07	-2.43	-4.96	-2.00
		1162	40.15	5.57	-11.56	-10.75	4.76	-3.64	-2.15	-6.81	-3.24	-5.71	-1.98
970	4	1143	16.10	7.96	-3.23	-2.35	7.08	3.01	1.11	-0.02	-0.02	1.11	0.03
		1144	16.48	9.57	-2.41	-0.70	7.86	4.19	1.14	0.14	0.14	1.14	0.04
		1163	8.65	7.45	-1.17	-0.55	6.84	2.22	-0.24	-0.28	-0.27	-0.24	0.01
		1162	8.67	6.46	-2.57	-2.31	6.20	1.53	-0.26	-0.43	-0.43	-0.26	7.52e-03
971	1	1144	92.34	11.03	-24.55	-24.54	11.02	-0.43	8.66	-5.58	-1.58	4.66	-6.40
		1145	77.08	11.29	-13.06	-13.01	11.23	1.14	7.20	-6.42	-1.34	2.12	-6.59
		1164	106.48	14.13	-14.59	-9.57	9.11	-10.92	-2.09	-17.17	-5.70	-13.57	-6.44
		1163	123.62	14.19	-26.53	-22.02	9.69	-12.77	-4.44	-20.38	-8.16	-16.65	-6.75
971	2	1144	42.82	23.92	-6.86	-2.31	19.37	10.92	3.09	0.37	0.38	3.09	0.09
		1145	45.57	29.84	-4.42	3.48	21.93	14.43	3.18	0.93	0.94	3.18	0.12
		1164	24.51	22.08	0.91	4.21	18.78	7.68	-0.22	-0.72	-0.22	-0.71	0.04
		1163	22.25	18.24	-3.46	-1.96	16.74	5.51	-0.75	-0.80	-0.77	-0.78	0.03
971	3	1144	28.33	5.44	-7.31	-7.26	5.39	0.84	2.73	-1.57	-0.44	1.60	-1.89
		1145	23.05	5.98	-3.70	-3.43	5.71	1.61	2.29	-1.77	-0.33	0.86	-1.94
		1164	30.25	5.55	-3.13	-2.38	4.79	-2.45	-0.62	-5.09	-1.69	-4.03	-1.90
		1163	35.15	5.60	-7.36	-6.51	4.75	-3.21	-1.35	-6.06	-2.46	-4.95	-2.00
971	4	1144	16.47	9.58	-2.39	-0.67	7.86	4.20	1.14	0.14	0.14	1.13	0.03
		1145	17.60	11.84	-1.50	1.46	8.88	5.55	1.17	0.34	0.34	1.17	0.04
		1164	9.62	8.95	0.41	1.70	7.66	3.06	-0.07	-0.22	-0.07	-0.22	0.01
		1163	8.67	7.45	-1.18	-0.57	6.84	2.21	-0.24	-0.27	-0.27	-0.24	9.90e-03
972	1	1145	76.75	11.29	-12.91	-12.85	11.23	1.16	7.18	-6.40	-1.34	2.12	-6.56
		1146	73.22	12.38	-2.31	-1.41	11.48	3.54	6.43	-6.48	-0.66	0.61	-6.42
		1165	89.13	14.51	-3.38	2.49	8.64	-8.40	0.01	-13.66	-3.37	-10.28	-5.90
		1164	106.35	14.11	-14.67	-9.65	9.10	-10.91	-2.11	-17.15	-5.72	-13.54	-6.43
972	2	1145	45.55	29.89	-4.40	3.57	21.92	14.48	3.18	0.92	0.93	3.17	0.11
		1146	51.28	37.77	-1.99	10.73	25.05	18.54	3.30	1.61	1.63	3.29	0.13
		1165	28.04	27.91	5.11	11.76	21.26	10.36	0.45	-0.63	0.45	-0.63	0.05
		1164	24.55	22.07	0.89	4.17	18.80	7.66	-0.21	-0.71	-0.21	-0.71	0.03
972	3	1145	23.00	5.99	-3.65	-3.37	5.71	1.62	2.29	-1.76	-0.33	0.85	-1.94
		1146	24.53	7.16	-0.55	0.53	6.09	2.67	2.08	-1.74	-0.08	0.41	-1.89
		1165	25.78	5.47	1.18	1.74	4.91	-1.45	0.04	-4.03	-0.95	-3.05	-1.75
		1164	30.20	5.55	-3.16	-2.41	4.79	-2.45	-0.63	-5.09	-1.70	-4.02	-1.90
972	4	1145	17.59	11.86	-1.50	1.49	8.87	5.57	1.17	0.34	0.34	1.17	0.04
		1146	19.79	14.84	-0.60	4.13	10.11	7.12	1.21	0.60	0.60	1.21	0.05
		1165	11.04	11.17	1.96	4.49	8.65	4.11	0.18	-0.19	0.18	-0.19	0.02
		1164	9.63	8.95	0.41	1.69	7.67	3.05	-0.06	-0.22	-0.07	-0.22	0.01
973	1	1146	72.93	12.41	-2.19	-1.25	11.48	3.58	6.34	-6.51	-0.76	0.59	-6.39
		1147	75.35	17.86	4.21	10.14	11.93	6.77	6.24	-5.87	0.38	-6.30e-04	-6.05
		1166	74.40	17.67	5.32	14.65	8.35	-5.31	1.95	-10.09	-1.12	-7.02	-5.25
		1165	89.13	14.49	-3.45	2.40	8.64	-8.41	0.05	-13.64	-3.33	-10.26	-5.90
973	2	1146	51.30	37.86	-2.03	10.82	25.01	18.64	3.29	1.58	1.59	3.28	0.13
		1147	60.58	47.84	0.25	19.44	28.65	23.35	3.46	2.44	2.46	3.44	0.14
		1166	35.06	36.23	8.66	20.79	24.09	13.69	1.23	-0.52	1.23	-0.52	0.05
		1165	28.07	27.89	5.13	11.73	21.29	10.33	0.47	-0.62	0.47	-0.62	0.04
973	3	1146	24.46	7.18	-0.52	0.58	6.08	2.70	2.05	-1.75	-0.11	0.41	-1.88
		1147	25.92	9.74	1.41	4.58	6.57	4.04	2.05	-1.51	0.29	0.25	-1.78
		1166	21.90	6.06	5.05	6.00	5.11	-0.23	0.66	-2.95	-0.23	-2.07	-1.55
		1165	25.77	5.48	1.15	1.71	4.91	-1.46	0.05	-4.03	-0.94	-3.04	-1.75
973	4	1146	19.80	14.88	-0.62	4.16	10.09	7.16	1.21	0.58	0.59	1.21	0.05
		1147	23.29	18.63	0.23	7.34	11.52	8.96	1.27	0.90	0.91	1.27	0.05
		1166	13.73	14.28	3.31	7.82	9.77	5.39	0.47	-0.15	0.47	-0.14	0.02
		1165	11.04	11.17	1.97	4.48	8.66	4.09	0.19	-0.18	0.19	-0.18	0.02
974	1	1147	74.96	18.01	4.19	10.30	11.91	6.86	5.93	-6.03	-0.02	-0.08	-5.98
		1148	77.17	28.92	5.57	21.89	12.60	10.71	6.66	-4.59	1.88	0.20	-5.56
		1167	65.12	27.19	8.28	27.05	8.42	-1.64	3.68	-6.53	0.98	-3.83	-4.51
		1166	74.61	17.64	5.33	14.61	8.36	-5.31	2.08	-10.03	-0.94	-7.00	-5.24
974	2	1147	60.68	48.03	0.06	19.53	28.56	23.55	3.45	2.34	2.36	3.43	0.14
		1148	73.15	60.05	2.32	29.85	32.51	28.83	3.65	3.39	3.44	3.60	0.11
		1167	48.95	47.01	11.48	31.19	27.29	17.66	2.05	-0.32	2.05	-0.32	0.04
		1166	35.24	36.22	8.73	20.79	24.16	13.64	1.29	-0.54	1.29	-0.53	0.06
974	3	1147	25.83	9.80	1.39	4.64	6.55	4.09	1.96	-1.57	0.17	0.22	-1.76
		1148	27.32	13.73	2.23	8.82	7.13	5.68	2.22	-1.10	0.81	0.32	-1.64
		1167	19.14	10.71	5.16	10.43	5.43	1.21	1.22	-1.87	0.46	-1.11	-1.33
		1166	21.89	6.05	5.06	5.99	5.12	-0.24	0.70	-2.93	-0.17	-2.07	-1.55
974	4	1147	23.33	18.70	0.16	7.37	11.49	9.04	1.27	0.87	0.87	1.26	0.05
		1148	27.96	23.20	1.01	11.18	13.03	11.05	1.35	1.25	1.27	1.33	0.04
		1167	18.81	18.28	4.41	11.66	11.03	6.93	0.78	-0.07	0.78	-0.07	0.02
		1166	13.79	14.28	3.34	7.82	9.80	5.38	0.49	-0.15	0.49	-0.15	0.02
975	1	1148	77.76	29.39	5.53	22.14	12.77	10.97	5.73	-5.25	0.55	-0.07	-5.48
		1149	76.72	41.26	5.55	34.40	12.41	14.07	7.97	-2.43	4.21	1.33	-5.00
		1168	63.68	38.57	9.96	38.39	10.14	2.28	5.36	-2.79	3.11	-0.54	-3.64
		1167	66.44	27.41	8.14	27.31	8.24	-1.39	4.02	-6.31	1.51	-3.80	-4.43
975	2	1148	73.65	60.66	1.86	30.08	32.44	29.37	3.70	3.21	3.24	3.67	0.11



		1149	85.31	73.28	5.05	42.76	35.56	33.92	4.45	3.21	4.43	3.24	-0.16
		1168	64.76	59.24	14.01	41.78	31.47	22.02	3.09	0.71	3.09	0.71	-0.03
		1167	49.15	47.10	11.54	31.36	27.28	17.66	2.07	-0.49	2.07	-0.49	0.06
975	3	1148	27.55	13.92	2.17	8.91	7.17	5.81	1.94	-1.29	0.40	0.25	-1.62
		1149	28.13	18.17	2.67	13.48	7.37	7.12	2.67	-0.46	1.58	0.64	-1.49
		1168	20.34	15.41	5.48	14.57	6.32	2.76	1.80	-0.68	1.17	-0.06	-1.08
		1167	18.99	10.82	5.08	10.52	5.38	1.28	1.32	-1.82	0.62	-1.12	-1.31
975	4	1148	28.17	23.43	0.84	11.26	13.00	11.26	1.36	1.19	1.20	1.35	0.04
		1149	32.43	28.13	2.06	15.96	14.23	13.01	1.65	1.19	1.64	1.20	-0.06
		1168	24.75	22.84	5.37	15.57	12.64	8.61	1.16	0.31	1.16	0.31	-5.85e-03
		1167	18.85	18.31	4.44	11.72	11.02	6.93	0.78	-0.14	0.78	-0.14	0.02
976	1	1149	86.44	46.97	6.04	39.51	13.50	15.80	6.09	-4.17	0.91	1.02	-5.13
		198	89.61	46.47	7.08	45.21	8.34	6.93	10.38	2.68	9.02	4.05	-2.94
		262	77.73	46.38	11.16	43.79	13.76	9.21	8.40	-0.17	6.71	1.52	-3.41
		1168	68.27	37.23	9.37	37.13	9.47	1.73	6.25	-1.88	4.54	-0.18	-3.31
976	2	1149	86.73	77.19	2.78	44.43	35.54	36.94	4.05	2.70	3.98	2.77	-0.30
		198	107.10	82.61	16.40	66.45	32.56	28.43	6.87	3.18	6.84	3.22	0.35
		262	91.97	66.34	13.79	41.02	39.11	26.26	8.58	2.57	8.58	2.57	-0.10
		1168	61.05	58.70	15.43	42.42	31.72	20.96	2.77	1.00	2.70	1.07	-0.34
976	3	1149	31.36	20.12	2.68	15.12	7.69	7.89	2.09	-0.99	0.58	0.52	-1.54
		198	32.84	20.00	4.41	18.47	5.94	4.65	3.54	1.15	3.20	1.49	-0.84
		262	27.83	18.63	5.49	16.09	8.03	5.18	3.04	0.20	2.61	0.63	-1.02
		1168	22.06	14.96	5.42	14.25	6.13	2.51	2.08	-0.42	1.58	0.08	-1.00
976	4	1149	33.07	29.60	1.19	16.58	14.22	14.15	1.51	1.01	1.49	1.04	-0.11
		198	40.30	31.40	6.48	24.76	13.12	11.02	2.56	1.23	2.55	1.25	0.14
		262	34.58	25.65	5.17	15.27	15.54	10.24	3.16	0.94	3.16	0.94	-0.04
		1168	23.47	22.63	5.91	15.81	12.72	8.21	1.06	0.42	1.03	0.45	-0.12
977	1	164	80.96	48.20	12.77	47.21	13.76	-5.83	9.14	1.15	6.64	3.65	3.71
		1150	75.10	37.84	9.10	37.41	9.53	-3.48	7.36	-2.68	5.15	-0.48	4.16
		1169	87.85	62.38	0.54	59.19	3.73	13.68	1.00	-5.31	0.31	-4.62	1.96
		99	137.79	66.97	-3.38	66.55	-2.97	-5.40	12.59	1.89	12.55	1.93	0.61
977	2	164	102.29	68.60	10.32	40.65	38.27	-29.12	10.02	5.82	10.01	5.83	0.21
		1150	65.90	61.55	13.12	42.56	32.11	-23.65	2.04	0.29	1.90	0.43	-0.47
		1169	57.53	48.36	21.36	44.45	25.27	-9.50	3.03	1.35	2.95	1.42	-0.35
		99	105.09	78.52	12.22	67.38	23.36	-24.79	6.11	-0.52	6.11	-0.52	-0.08
977	3	164	29.21	18.85	6.17	17.07	7.95	-4.41	3.40	0.88	2.72	1.56	1.12
		1150	23.19	15.47	5.06	14.34	6.19	-3.24	2.30	-0.68	1.69	-0.07	1.20
		1169	27.10	21.39	3.42	20.91	3.90	2.88	0.49	-1.45	0.31	-1.28	0.56
		99	47.89	25.49	1.16	24.83	1.82	-3.95	4.18	0.51	4.18	0.52	0.17
977	4	164	38.70	26.48	3.86	15.13	15.21	-11.31	3.72	2.20	3.72	2.21	0.08
		1150	25.22	23.71	5.04	15.87	12.88	-9.21	0.77	0.15	0.72	0.20	-0.17
		1169	21.68	18.48	8.35	16.55	10.28	-3.98	1.12	0.49	1.09	0.51	-0.12
		99	39.19	29.75	4.95	25.08	9.62	-9.69	2.27	-0.21	2.27	-0.21	-0.03
978	1	1150	67.35	41.66	10.10	41.26	10.50	-3.53	5.30	-3.84	2.78	-1.33	4.08
		1151	78.42	27.77	7.15	27.23	7.68	3.28	4.87	-7.37	1.75	-4.24	5.34
		1170	87.17	41.80	-4.39	32.63	4.78	18.42	-0.34	-9.67	-0.89	-9.12	2.20
		1169	103.25	53.42	-2.70	49.74	0.97	13.88	6.54	-2.74	6.24	-2.44	1.64
978	2	1150	69.30	60.64	13.02	41.99	31.66	-23.24	3.23	0.38	3.17	0.44	-0.43
		1151	48.94	46.77	11.50	31.21	27.06	-17.51	2.08	-0.40	2.08	-0.40	-0.06
		1170	47.31	33.92	19.96	29.86	24.02	-6.34	3.25	3.08	3.09	3.24	0.05
		1169	62.14	47.27	20.28	42.98	24.58	-9.87	4.33	2.36	4.33	2.37	0.05
978	3	1150	21.11	16.48	5.41	15.44	6.44	-3.22	1.75	-0.99	1.08	-0.32	1.18
		1151	21.93	10.58	5.10	10.49	5.20	-0.71	1.57	-2.12	0.69	-1.24	1.58
		1170	24.47	14.07	1.96	11.97	4.06	4.59	0.13	-2.64	-0.04	-2.47	0.66
		1169	32.82	18.56	2.46	18.01	3.02	2.94	2.26	-0.64	2.17	-0.56	0.49
978	4	1150	26.43	23.37	5.00	15.66	12.71	-9.07	1.22	0.18	1.19	0.21	-0.16
		1151	18.78	18.18	4.42	11.66	10.94	-6.87	0.79	-0.10	0.79	-0.10	-0.02
		1170	18.07	13.29	7.62	11.15	9.76	-2.75	1.20	1.14	1.14	1.19	0.02
		1169	23.36	18.08	7.93	16.00	10.01	-4.10	1.61	0.87	1.60	0.87	0.02
979	1	1151	74.19	27.89	8.12	27.49	8.52	2.78	3.86	-7.93	0.59	-4.66	5.28
		1152	87.61	18.16	3.01	12.77	8.39	7.25	2.45	-11.62	-1.23	-7.94	6.18
		1171	109.42	33.66	-11.42	17.02	5.23	21.76	-3.31	-16.67	-3.79	-16.20	2.47
		1170	92.36	41.22	-5.49	31.94	3.79	18.63	1.83	-8.80	1.44	-8.41	2.00
979	2	1151	49.74	47.32	11.40	31.28	27.45	-17.86	2.07	-0.39	2.06	-0.39	-0.12
		1152	35.00	36.07	8.68	20.72	24.03	-13.60	1.29	-0.52	1.29	-0.52	-0.04
		1171	37.84	23.98	16.08	18.70	21.36	-3.72	3.25	2.31	2.32	3.25	0.07
		1170	47.67	33.12	19.72	29.54	23.30	-5.93	3.43	3.22	3.38	3.27	0.09
979	3	1151	21.34	10.72	5.33	10.57	5.48	-0.89	1.26	-2.28	0.35	-1.36	1.55
		1152	24.33	6.11	4.44	5.44	5.11	0.82	0.81	-3.41	-0.25	-2.34	1.83
		1171	29.77	11.20	-0.75	6.52	3.92	5.83	-0.81	-4.71	-0.95	-4.57	0.74
		1170	26.60	13.90	1.54	11.74	3.70	4.69	0.79	-2.38	0.67	-2.26	0.60
979	4	1151	19.10	18.40	4.38	11.69	11.09	-7.00	0.78	-0.10	0.78	-0.10	-0.04
		1152	13.70	14.22	3.32	7.79	9.75	-5.36	0.49	-0.15	0.49	-0.15	-0.01
		1171	14.63	9.78	5.95	7.02	8.70	-1.72	1.20	0.85	0.86	1.19	0.03
		1170	18.16	12.95	7.56	11.03	9.49	-2.59	1.27	1.18	1.25	1.20	0.03
980	1	1152	87.03	18.30	3.30	13.01	8.59	7.17	2.07	-11.83	-1.70	-8.07	6.18
		1153	103.42	15.57	-8.00	-1.46	9.02	10.56	0.03	-15.56	-4.02	-11.52	6.83



		1172	145.56	29.36	-20.31	2.89	6.16	24.78	-7.40	-25.32	-7.81	-24.91	2.69
		1171	109.91	33.46	-11.78	16.71	4.97	21.84	-2.57	-16.43	-2.98	-16.01	2.36
980	2	1152	35.12	36.30	8.68	20.82	24.17	-13.71	1.23	-0.53	1.23	-0.53	-0.05
		1153	28.00	27.83	5.10	11.69	21.23	-10.32	0.47	-0.63	0.47	-0.62	-0.04
		1172	33.06	19.44	9.00	9.35	19.08	-1.88	3.16	1.57	1.57	3.16	0.06
		1171	37.78	23.56	16.09	18.55	21.11	-3.51	3.26	2.41	2.41	3.25	0.08
980	3	1152	24.47	6.15	4.55	5.51	5.18	0.78	0.69	-3.47	-0.40	-2.38	1.83
		1153	28.59	5.85	-0.27	0.57	5.02	2.10	0.04	-4.59	-1.14	-3.41	2.02
		1172	41.67	9.82	-4.21	1.65	3.96	6.92	-2.07	-7.28	-2.20	-7.15	0.80
		1171	30.03	11.14	-0.90	6.42	3.82	5.88	-0.58	-4.64	-0.71	-4.51	0.70
980	4	1152	13.76	14.31	3.32	7.83	9.80	-5.40	0.47	-0.15	0.47	-0.15	-0.02
		1153	11.02	11.14	1.96	4.46	8.64	-4.09	0.19	-0.18	0.19	-0.18	-0.02
		1172	12.88	8.01	3.35	3.57	7.79	-0.98	1.16	0.58	0.58	1.16	0.02
		1171	14.59	9.62	5.95	6.96	8.61	-1.64	1.20	0.89	0.89	1.20	0.03
981	1	1153	103.54	15.69	-7.79	-1.22	9.12	10.54	-0.17	-15.68	-4.26	-11.59	6.83
		1154	121.13	15.22	-21.27	-15.80	9.75	13.03	-2.47	-19.17	-6.72	-14.92	7.28
		1173	192.46	27.35	-31.25	-11.21	7.31	27.80	-12.16	-35.07	-12.54	-34.69	2.93
		1172	145.70	29.19	-20.56	2.63	6.00	24.82	-7.03	-25.25	-7.43	-24.85	2.67
981	2	1153	28.11	27.94	5.13	11.78	21.29	-10.37	0.45	-0.63	0.45	-0.63	-0.04
		1154	24.49	22.03	0.88	4.15	18.76	-7.65	-0.21	-0.72	-0.21	-0.71	-0.04
		1173	32.79	17.17	1.51	1.54	17.14	-0.66	3.10	0.92	0.92	3.10	0.05
		1172	32.96	19.28	8.92	9.23	18.96	-1.78	3.17	1.60	1.60	3.17	0.07
981	3	1153	28.64	5.88	-0.19	0.64	5.05	2.09	-0.02	-4.63	-1.21	-3.43	2.02
		1154	33.85	5.92	-5.16	-4.23	4.98	3.08	-0.74	-5.68	-1.99	-4.43	2.15
		1173	57.59	9.23	-8.23	-3.09	4.09	7.96	-3.53	-10.17	-3.65	-10.06	0.87
		1172	41.68	9.77	-4.30	1.57	3.90	6.94	-1.96	-7.26	-2.08	-7.14	0.80
981	4	1153	11.06	11.18	1.97	4.49	8.66	-4.11	0.18	-0.19	0.18	-0.19	-0.01
		1154	9.61	8.94	0.40	1.68	7.65	-3.05	-0.06	-0.22	-0.07	-0.22	-0.01
		1173	12.72	7.04	0.65	0.69	7.00	-0.48	1.14	0.34	0.34	1.14	0.02
		1172	12.83	7.94	3.32	3.52	7.74	-0.94	1.17	0.59	0.59	1.16	0.02
982	1	1154	121.44	15.36	-21.06	-15.53	9.84	13.06	-2.73	-19.30	-7.02	-15.01	7.26
		1155	136.68	15.02	-35.36	-30.87	10.53	14.35	-5.11	-22.00	-9.41	-17.70	7.35
		1174	249.26	26.71	-44.57	-26.68	8.83	30.90	-17.43	-45.41	-17.84	-45.00	3.37
		1173	192.89	27.17	-31.47	-11.45	7.14	27.81	-11.70	-35.07	-12.09	-34.68	2.98
982	2	1154	24.56	22.09	0.92	4.21	18.80	-7.68	-0.22	-0.72	-0.22	-0.71	-0.03
		1155	22.20	18.22	-3.47	-1.97	16.72	-5.51	-0.74	-0.81	-0.77	-0.78	-0.04
		1174	35.18	15.53	-4.81	-4.81	15.53	0.05	3.05	0.38	0.38	3.05	0.04
		1173	32.74	17.09	1.42	1.44	17.07	-0.61	3.10	0.92	0.93	3.10	0.06
982	3	1154	33.95	5.95	-5.09	-4.14	5.01	3.08	-0.82	-5.72	-2.08	-4.45	2.15
		1155	39.16	5.90	-10.03	-9.13	5.00	3.68	-1.55	-6.54	-2.83	-5.26	2.18
		1174	74.34	9.05	-12.82	-8.13	4.36	8.98	-5.14	-13.24	-5.26	-13.11	1.00
		1173	57.72	9.17	-8.31	-3.17	4.03	7.96	-3.40	-10.17	-3.52	-10.05	0.89
982	4	1154	9.63	8.96	0.41	1.71	7.67	-3.06	-0.07	-0.22	-0.07	-0.22	-0.01
		1155	8.65	7.44	-1.18	-0.57	6.83	-2.21	-0.24	-0.28	-0.27	-0.24	-0.01
		1174	13.51	6.35	-1.66	-1.65	6.35	-0.16	1.12	0.14	0.14	1.12	0.02
		1173	12.70	7.01	0.62	0.65	6.98	-0.46	1.14	0.34	0.34	1.14	0.02
983	1	1155	138.37	15.21	-35.15	-30.59	10.65	14.46	-5.70	-22.30	-10.16	-17.83	7.36
		1156	143.75	14.10	-50.22	-47.20	11.09	13.60	-7.84	-22.71	-11.79	-18.76	6.56
		1175	300.37	26.85	-61.79	-46.05	11.10	33.88	-22.98	-54.89	-23.66	-54.22	4.59
		1174	251.55	26.50	-44.74	-26.85	8.61	30.89	-16.48	-45.62	-16.90	-45.20	3.50
983	2	1155	22.25	18.25	-3.44	-1.92	16.74	-5.53	-0.75	-0.80	-0.77	-0.78	-0.03
		1156	21.95	15.76	-7.33	-6.70	15.12	-3.78	-0.83	-1.19	-1.19	-0.83	-0.03
		1175	38.37	14.29	-9.71	-9.71	14.28	0.38	3.02	-0.04	-0.04	3.02	0.03
		1174	35.18	15.49	-4.88	-4.88	15.49	0.08	3.05	0.38	0.38	3.05	0.05
983	3	1155	39.70	5.95	-9.96	-9.05	5.04	3.70	-1.72	-6.62	-3.05	-5.30	2.18
		1156	42.07	5.65	-14.97	-14.31	5.00	3.62	-2.38	-6.76	-3.57	-5.57	1.94
		1175	89.42	9.12	-18.45	-14.23	4.89	9.93	-6.81	-16.05	-7.02	-15.85	1.36
		1174	75.03	8.99	-12.88	-8.19	4.29	8.98	-4.85	-13.30	-4.98	-13.17	1.04
983	4	1155	8.67	7.46	-1.17	-0.55	6.84	-2.22	-0.24	-0.27	-0.27	-0.24	-0.01
		1156	8.67	6.46	-2.58	-2.31	6.19	-1.52	-0.26	-0.43	-0.43	-0.26	-0.01
		1175	14.61	5.83	-3.46	-3.46	5.83	4.22e-03	1.11	-0.02	-0.02	1.11	0.01
		1174	13.51	6.33	-1.68	-1.68	6.33	-0.15	1.12	0.14	0.14	1.12	0.02
984	1	1156	152.33	14.18	-50.33	-47.32	11.17	13.62	-9.14	-23.67	-13.99	-18.82	6.85
		1157	128.53	11.10	-64.27	-63.17	10.00	9.04	-10.14	-18.25	-11.85	-16.54	3.31
		1176	323.68	26.51	-87.14	-75.50	14.87	34.45	-27.31	-58.18	-29.19	-56.30	7.39
		1175	308.52	26.97	-61.88	-45.85	10.94	34.17	-20.51	-55.70	-21.21	-55.00	4.92
984	2	1156	21.92	15.78	-7.31	-6.67	15.14	-3.79	-0.83	-1.19	-1.19	-0.83	-0.02
		1157	25.02	14.22	-10.29	-10.07	13.99	-2.35	-0.87	-1.50	-1.50	-0.87	-0.02
		1176	41.18	13.39	-13.20	-13.20	13.38	0.41	3.00	-0.34	-0.34	3.00	0.02
		1175	38.38	14.26	-9.77	-9.76	14.25	0.39	3.02	-0.04	-0.04	3.02	0.04
984	3	1156	44.76	5.68	-15.00	-14.34	5.02	3.63	-2.77	-7.05	-4.22	-5.59	2.03
		1157	38.52	4.80	-19.53	-19.28	4.55	2.42	-3.09	-5.44	-3.61	-4.92	0.98
		1176	94.50	9.10	-26.39	-23.20	5.91	10.15	-8.10	-17.04	-8.68	-16.47	2.19
		1175	91.87	9.14	-18.48	-14.17	4.84	10.02	-6.08	-16.29	-6.29	-16.08	1.46
984	4	1156	8.66	6.46	-2.57	-2.30	6.20	-1.53	-0.26	-0.43	-0.43	-0.26	-7.65e-03
		1157	9.68	5.83	-3.65	-3.55	5.73	-0.95	-0.27	-0.54	-0.54	-0.28	-7.68e-03
		1176	15.59	5.47	-4.74	-4.74	5.46	0.06	1.10	-0.13	-0.13	1.10	7.18e-03



		1175	14.61	5.82	-3.48	-3.48	5.82	9.54e-03	1.11	-0.02	-0.02	1.11	0.01
985	1	1157	153.34	10.32	-65.50	-64.67	9.49	7.90	-13.98	-22.81	-16.14	-20.66	3.79
		1158	115.87	4.30	-69.08	-69.02	4.23	2.19	-10.05	-14.51	-10.39	-14.18	1.18
		1177	310.79	23.26	-123.08	-120.53	20.71	19.14	-31.43	-49.58	-33.39	-47.61	5.65
		1176	293.82	28.70	-88.70	-76.00	16.00	36.47	-16.54	-50.73	-18.43	-48.84	7.81
985	2	1157	25.00	14.23	-10.28	-10.05	14.00	-2.37	-0.87	-1.50	-1.50	-0.87	-0.01
		1158	27.13	13.36	-12.13	-12.08	13.31	-1.13	-0.89	-1.68	-1.68	-0.89	-0.01
		1177	43.04	12.84	-15.29	-15.29	12.84	0.25	2.99	-0.52	-0.52	2.99	7.36e-03
		1176	41.20	13.37	-13.24	-13.23	13.36	0.41	3.00	-0.34	-0.34	3.00	0.03
985	3	1157	45.79	4.58	-19.91	-19.73	4.40	2.08	-4.22	-6.80	-4.88	-6.14	1.12
		1158	35.27	2.78	-21.17	-21.16	2.77	0.52	-3.08	-4.33	-3.19	-4.22	0.35
		1177	91.98	8.28	-37.41	-36.70	7.57	5.64	-9.32	-14.51	-9.94	-13.90	1.67
		1176	87.56	9.73	-26.85	-23.36	6.24	10.75	-4.91	-14.83	-5.49	-14.26	2.32
985	4	1157	9.67	5.84	-3.64	-3.54	5.74	-0.96	-0.27	-0.54	-0.54	-0.28	-4.88e-03
		1158	10.39	5.48	-4.31	-4.29	5.46	-0.46	-0.28	-0.61	-0.61	-0.28	-4.61e-03
		1177	16.25	5.24	-5.51	-5.51	5.24	0.05	1.10	-0.20	-0.20	1.10	2.95e-03
		1176	15.60	5.46	-4.76	-4.76	5.46	0.06	1.10	-0.13	-0.13	1.10	9.88e-03
986	1	1158	132.57	3.82	-70.37	-70.26	3.71	2.87	-13.03	-18.30	-13.03	-18.30	0.10
		1159	133.86	3.73	-70.96	-70.92	3.69	-1.70	-13.13	-18.56	-13.17	-18.52	0.49
		1178	255.93	23.44	-123.46	-121.92	21.90	-14.97	-23.76	-40.76	-24.61	-39.92	-3.70
		1177	255.90	23.97	-123.38	-121.29	21.87	17.45	-23.47	-40.52	-24.42	-39.56	3.92
986	2	1158	27.12	13.37	-12.12	-12.07	13.32	-1.14	-0.89	-1.68	-1.68	-0.89	-4.66e-03
		1159	27.87	13.09	-12.75	-12.75	13.09	5.71e-03	-0.89	-1.74	-1.74	-0.89	-4.23e-03
		1178	43.69	12.66	-15.99	-15.99	12.66	-1.29e-03	2.99	-0.58	-0.58	2.99	-4.14e-03
		1177	43.05	12.84	-15.31	-15.31	12.83	0.25	2.99	-0.52	-0.52	2.99	0.02
986	3	1158	39.99	2.64	-21.55	-21.53	2.61	0.73	-3.97	-5.44	-3.97	-5.44	0.03
		1159	40.44	2.60	-21.78	-21.77	2.58	-0.50	-4.00	-5.52	-4.02	-5.51	0.15
		1178	75.87	8.34	-37.59	-37.16	7.90	-4.43	-7.07	-11.88	-7.34	-11.61	-1.10
		1177	75.80	8.50	-37.51	-36.92	7.92	5.15	-6.98	-11.81	-7.28	-11.51	1.16
986	4	1158	10.38	5.48	-4.31	-4.29	5.46	-0.46	-0.28	-0.61	-0.61	-0.28	-1.83e-03
		1159	10.64	5.37	-4.54	-4.54	5.37	2.15e-03	-0.28	-0.63	-0.63	-0.28	-1.39e-03
		1178	16.47	5.17	-5.77	-5.77	5.17	-5.15e-04	1.10	-0.22	-0.22	1.10	-1.36e-03
		1177	16.25	5.24	-5.52	-5.52	5.24	0.05	1.10	-0.19	-0.19	1.10	5.66e-03
987	1	1159	116.39	4.23	-69.67	-69.66	4.22	-1.02	-10.44	-14.48	-10.53	-14.40	-0.59
		1160	154.81	10.06	-67.25	-66.65	9.45	-6.81	-14.94	-22.93	-16.56	-21.31	-3.21
		1179	299.72	27.09	-88.96	-77.94	16.07	-34.02	-17.23	-51.66	-18.99	-49.90	-7.59
		1178	310.69	22.65	-123.11	-121.18	20.72	-16.65	-31.77	-49.78	-33.58	-47.97	-5.42
987	2	1159	27.87	13.09	-12.75	-12.75	13.09	-5.71e-03	-0.89	-1.74	-1.74	-0.89	4.23e-03
		1160	27.12	13.37	-12.12	-12.07	13.32	1.14	-0.89	-1.68	-1.68	-0.89	4.66e-03
		1179	43.05	12.84	-15.31	-15.31	12.83	-0.25	2.99	-0.52	-0.52	2.99	-0.02
		1178	43.69	12.66	-15.99	-15.99	12.66	1.29e-03	2.99	-0.58	-0.58	2.99	4.14e-03
987	3	1159	35.52	2.75	-21.40	-21.40	2.74	-0.30	-3.21	-4.31	-3.24	-4.29	-0.17
		1160	46.50	4.46	-20.60	-20.46	4.32	-1.89	-4.52	-6.83	-5.02	-6.33	-0.95
		1179	89.27	9.23	-27.11	-24.08	6.20	-10.06	-5.13	-15.11	-5.67	-14.57	-2.25
		1178	92.01	8.10	-37.48	-36.94	7.56	-4.93	-9.43	-14.57	-10.00	-14.00	-1.61
987	4	1159	10.64	5.37	-4.54	-4.54	5.37	-2.15e-03	-0.28	-0.63	-0.63	-0.28	1.39e-03
		1160	10.38	5.48	-4.31	-4.29	5.46	0.46	-0.28	-0.61	-0.61	-0.28	1.83e-03
		1179	16.25	5.24	-5.52	-5.52	5.24	-0.05	1.10	-0.19	-0.19	1.10	-5.66e-03
		1178	16.47	5.17	-5.77	-5.77	5.17	5.14e-04	1.10	-0.22	-0.22	1.10	1.36e-03
988	1	1160	129.60	10.80	-65.96	-65.13	9.97	-7.96	-11.07	-18.41	-12.28	-17.19	-2.73
		1161	153.64	13.63	-53.18	-50.67	11.11	-12.71	-10.49	-24.10	-14.70	-19.90	-6.29
		1180	318.14	24.76	-62.85	-49.16	11.07	-31.81	-21.52	-57.38	-22.15	-56.75	-4.71
		1179	326.36	24.94	-87.46	-77.45	14.93	-32.01	-28.01	-59.10	-29.76	-57.35	-7.17
988	2	1160	27.13	13.36	-12.13	-12.08	13.31	1.13	-0.89	-1.68	-1.68	-0.89	0.01
		1161	25.00	14.23	-10.28	-10.05	14.00	2.37	-0.87	-1.50	-1.50	-0.87	0.01
		1180	41.20	13.37	-13.24	-13.23	13.36	-0.41	3.00	-0.34	-0.34	3.00	-0.03
		1179	43.04	12.84	-15.29	-15.29	12.84	-0.25	2.99	-0.52	-0.52	2.99	-7.36e-03
988	3	1160	39.12	4.67	-20.21	-20.01	4.47	-2.23	-3.38	-5.49	-3.75	-5.11	-0.81
		1161	45.58	5.47	-16.16	-15.58	4.88	-3.51	-3.18	-7.18	-4.45	-5.91	-1.86
		1180	94.67	8.46	-19.08	-15.40	4.78	-9.37	-6.40	-16.79	-6.59	-16.60	-1.40
		1179	95.52	8.61	-26.68	-23.93	5.86	-9.46	-8.32	-17.31	-8.86	-16.78	-2.12
988	4	1160	10.39	5.48	-4.31	-4.29	5.46	0.46	-0.28	-0.61	-0.61	-0.28	4.61e-03
		1161	9.67	5.84	-3.64	-3.54	5.74	0.96	-0.27	-0.54	-0.54	-0.28	4.88e-03
		1180	15.60	5.46	-4.76	-4.76	5.46	-0.06	1.10	-0.13	-0.13	1.10	-9.88e-03
		1179	16.25	5.24	-5.51	-5.51	5.24	-0.05	1.10	-0.20	-0.20	1.10	-2.95e-03
989	1	1161	144.89	13.55	-53.05	-50.54	11.04	-12.69	-9.13	-23.21	-12.51	-19.83	-6.01
		1162	140.71	14.45	-39.26	-35.42	10.60	-13.85	-7.26	-23.18	-11.15	-19.30	-6.84
		1181	264.84	23.71	-46.52	-31.67	8.85	-28.68	-17.86	-47.98	-18.23	-47.62	-3.31
		1180	309.95	24.65	-62.81	-49.38	11.22	-31.53	-23.99	-56.56	-24.59	-55.97	-4.38
989	2	1161	25.02	14.22	-10.29	-10.07	13.99	2.35	-0.87	-1.50	-1.50	-0.87	0.02
		1162	21.92	15.78	-7.31	-6.67	15.14	3.79	-0.83	-1.19	-1.19	-0.83	0.02
		1181	38.38	14.26	-9.77	-9.76	14.25	-0.39	3.02	-0.04	-0.04	3.02	-0.04
		1180	41.18	13.39	-13.20	-13.20	13.38	-0.41	3.00	-0.34	-0.34	3.00	-0.02
989	3	1161	42.84	5.44	-16.13	-15.54	4.86	-3.50	-2.79	-6.91	-3.80	-5.90	-1.78
		1162	40.91	5.68	-11.64	-10.82	4.85	-3.70	-2.21	-6.90	-3.38	-5.73	-2.02
		1181	78.90	8.12	-13.86	-9.97	4.22	-8.39	-5.30	-14.01	-5.41	-13.89	-0.98
		1180	92.21	8.43	-19.07	-15.46	4.83	-9.28	-7.13	-16.55	-7.32	-16.37	-1.30



989	4	1161	9.68	5.83	-3.65	-3.55	5.73	0.95	-0.27	-0.54	-0.54	-0.28	7.68e-03
		1162	8.66	6.46	-2.57	-2.30	6.20	1.53	-0.26	-0.43	-0.43	-0.26	7.65e-03
		1181	14.61	5.82	-3.48	-3.48	5.82	-9.54e-03	1.11	-0.02	-0.02	1.11	-0.01
		1180	15.59	5.47	-4.74	-4.74	5.46	-0.06	1.10	-0.13	-0.13	1.10	-7.18e-03
990	1	1162	138.89	14.27	-39.46	-35.68	10.49	-13.74	-6.67	-22.91	-10.41	-19.17	-6.83
		1163	124.69	14.39	-26.56	-21.99	9.82	-12.89	-4.54	-20.58	-8.28	-16.84	-6.79
		1182	209.75	23.57	-34.02	-17.98	7.53	-25.81	-13.48	-38.06	-13.80	-37.73	-2.81
		1181	262.52	23.91	-46.39	-31.53	9.05	-28.70	-18.80	-47.76	-19.15	-47.41	-3.17
990	2	1162	21.95	15.76	-7.33	-6.70	15.12	3.78	-0.83	-1.19	-1.19	-0.83	0.03
		1163	22.25	18.25	-3.44	-1.92	16.74	5.53	-0.75	-0.80	-0.77	-0.78	0.03
		1182	35.18	15.49	-4.88	-4.88	15.49	-0.08	3.05	0.38	0.38	3.05	-0.05
		1181	38.37	14.29	-9.71	-9.71	14.28	-0.38	3.02	-0.04	-0.04	3.02	-0.03
990	3	1162	40.33	5.63	-11.71	-10.90	4.82	-3.67	-2.04	-6.82	-3.16	-5.70	-2.02
		1163	35.46	5.66	-7.36	-6.50	4.79	-3.24	-1.38	-6.12	-2.50	-5.00	-2.01
		1182	62.64	8.07	-9.66	-5.56	3.97	-7.47	-3.96	-11.06	-4.06	-10.96	-0.84
		1181	78.20	8.18	-13.82	-9.92	4.28	-8.40	-5.57	-13.94	-5.68	-13.83	-0.94
990	4	1162	8.67	6.46	-2.58	-2.31	6.19	1.52	-0.26	-0.43	-0.43	-0.26	0.01
		1163	8.67	7.46	-1.17	-0.55	6.84	2.22	-0.24	-0.27	-0.27	-0.24	0.01
		1182	13.51	6.33	-1.68	-1.68	6.33	0.15	1.12	0.14	0.14	1.12	-0.02
		1181	14.61	5.83	-3.46	-3.46	5.83	-4.22e-03	1.11	-0.02	-0.02	1.11	-0.01
991	1	1163	124.34	14.27	-26.75	-22.23	9.74	-12.85	-4.29	-20.48	-8.02	-16.75	-6.81
		1164	107.11	14.23	-14.61	-9.53	9.15	-10.98	-2.17	-17.32	-5.77	-13.72	-6.45
		1183	158.71	24.29	-23.60	-5.91	6.60	-23.11	-9.22	-28.81	-9.56	-28.47	-2.54
		1182	209.31	23.73	-33.84	-17.78	7.67	-25.82	-13.88	-38.05	-14.20	-37.73	-2.75
991	2	1163	22.20	18.22	-3.47	-1.97	16.72	5.51	-0.74	-0.81	-0.77	-0.78	0.04
		1164	24.56	22.09	0.92	4.21	18.80	7.68	-0.22	-0.72	-0.22	-0.71	0.03
		1183	32.74	17.09	1.42	1.44	17.07	0.61	3.10	0.92	0.93	3.10	-0.06
		1182	35.18	15.53	-4.81	-4.81	15.53	-0.05	3.05	0.38	0.38	3.05	-0.04
991	3	1163	35.35	5.62	-7.43	-6.57	4.77	-3.23	-1.31	-6.08	-2.42	-4.97	-2.02
		1164	30.46	5.57	-3.13	-2.37	4.81	-2.47	-0.65	-5.13	-1.71	-4.07	-1.91
		1183	47.59	8.28	-5.93	-1.53	3.87	-6.57	-2.66	-8.32	-2.77	-8.21	-0.76
		1182	62.50	8.12	-9.60	-5.50	4.02	-7.47	-4.08	-11.06	-4.18	-10.96	-0.82
991	4	1163	8.65	7.44	-1.18	-0.57	6.83	2.21	-0.24	-0.28	-0.27	-0.24	0.01
		1164	9.63	8.96	0.41	1.71	7.67	3.06	-0.07	-0.22	-0.07	-0.22	0.01
		1183	12.70	7.01	0.62	0.65	6.98	0.46	1.14	0.34	0.34	1.14	-0.02
		1182	13.51	6.35	-1.66	-1.65	6.35	0.16	1.12	0.14	0.14	1.12	-0.02
992	1	1164	106.98	14.13	-14.78	-9.73	9.08	-10.98	-2.05	-17.25	-5.63	-13.67	-6.45
		1165	89.82	14.60	-3.37	2.57	8.65	-8.45	-0.03	-13.80	-3.40	-10.43	-5.92
		1184	119.52	26.32	-14.76	5.71	5.85	-20.54	-5.24	-20.46	-5.59	-20.11	-2.28
		1183	158.65	24.43	-23.41	-5.70	6.72	-23.10	-9.44	-28.83	-9.78	-28.50	-2.52
992	2	1164	24.49	22.03	0.88	4.15	18.76	7.65	-0.21	-0.72	-0.21	-0.71	0.04
		1165	28.11	27.94	5.13	11.78	21.29	10.37	0.45	-0.63	0.45	-0.63	0.04
		1184	32.96	19.28	8.92	9.23	18.96	1.78	3.17	1.60	1.60	3.17	-0.07
		1183	32.79	17.17	1.51	1.54	17.14	0.66	3.10	0.92	0.92	3.10	-0.05
992	3	1164	30.44	5.55	-3.19	-2.43	4.79	-2.47	-0.61	-5.11	-1.67	-4.06	-1.91
		1165	25.99	5.49	1.19	1.77	4.92	-1.47	0.03	-4.07	-0.96	-3.09	-1.75
		1184	34.06	8.88	-2.55	2.48	3.86	-5.67	-1.43	-5.84	-1.54	-5.73	-0.68
		1183	47.57	8.32	-5.87	-1.46	3.91	-6.56	-2.73	-8.33	-2.83	-8.22	-0.75
992	4	1164	9.61	8.94	0.40	1.68	7.65	3.05	-0.06	-0.22	-0.07	-0.22	0.01
		1165	11.06	11.18	1.97	4.49	8.66	4.11	0.18	-0.19	0.18	-0.19	0.01
		1184	12.83	7.94	3.32	3.52	7.74	0.94	1.17	0.59	0.59	1.16	-0.02
		1183	12.72	7.04	0.65	0.69	7.00	0.48	1.14	0.34	0.34	1.14	-0.02
993	1	1165	89.73	14.50	-3.55	2.38	8.57	-8.48	0.10	-13.71	-3.24	-10.38	-5.91
		1166	75.00	17.80	5.35	14.78	8.36	-5.33	1.89	-10.23	-1.16	-7.18	-5.26
		1185	91.21	30.48	-7.62	17.71	5.15	-17.98	-1.50	-13.12	-1.86	-12.77	-2.01
		1184	119.49	26.46	-14.55	5.93	5.98	-20.51	-5.50	-20.54	-5.86	-20.17	-2.32
993	2	1165	28.00	27.83	5.10	11.69	21.23	10.32	0.47	-0.63	0.47	-0.62	0.04
		1166	35.12	36.30	8.68	20.82	24.17	13.71	1.23	-0.53	1.23	-0.53	0.05
		1185	37.78	23.56	16.09	18.55	21.11	3.51	3.26	2.41	2.41	3.25	-0.08
		1184	33.06	19.44	9.00	9.35	19.08	1.88	3.16	1.57	1.57	3.16	-0.06
993	3	1165	25.93	5.47	1.12	1.70	4.89	-1.48	0.06	-4.05	-0.91	-3.08	-1.75
		1166	22.11	6.10	5.06	6.04	5.12	-0.24	0.64	-3.00	-0.24	-2.12	-1.56
		1185	24.69	10.24	0.36	6.71	3.88	-4.73	-0.26	-3.66	-0.37	-3.55	-0.60
		1184	34.07	8.92	-2.46	2.56	3.91	-5.65	-1.51	-5.86	-1.62	-5.75	-0.69
993	4	1165	11.02	11.14	1.96	4.46	8.64	4.09	0.19	-0.18	0.19	-0.18	0.02
		1166	13.76	14.31	3.32	7.83	9.80	5.40	0.47	-0.15	0.47	-0.15	0.02
		1185	14.59	9.62	5.95	6.96	8.61	1.64	1.20	0.89	0.89	1.20	-0.03
		1184	12.88	8.01	3.35	3.57	7.79	0.98	1.16	0.58	0.58	1.16	-0.02
994	1	1166	75.62	17.68	5.11	14.59	8.20	-5.41	2.21	-10.06	-0.77	-7.08	-5.26
		1167	64.77	27.44	8.41	27.33	8.51	-1.41	3.46	-6.71	0.85	-4.10	-4.44
		1186	79.74	37.78	-2.56	30.89	4.33	-15.18	2.17	-6.86	1.85	-6.53	-1.69
		1185	90.65	30.66	-7.30	17.98	5.38	-17.90	-2.13	-13.34	-2.55	-12.93	-2.11
994	2	1166	35.00	36.07	8.68	20.72	24.03	13.60	1.29	-0.52	1.29	-0.52	0.04
		1167	49.74	47.32	11.40	31.28	27.45	17.86	2.07	-0.39	2.06	-0.39	0.12
		1186	47.67	33.12	19.72	29.54	23.30	5.93	3.43	3.22	3.38	3.27	-0.09
		1185	37.84	23.98	16.08	18.70	21.36	3.72	3.25	2.31	2.32	3.25	-0.07
994	3	1166	21.98	6.05	4.98	5.98	5.06	-0.27	0.74	-2.94	-0.12	-2.09	-1.56



		1167	19.32	10.84	5.16	10.52	5.48	1.29	1.15	-1.92	0.42	-1.20	-1.31
		1186	23.25	12.91	2.38	11.42	3.86	-3.67	0.89	-1.80	0.80	-1.70	-0.51
		1185	24.39	10.29	0.49	6.81	3.97	-4.69	-0.46	-3.73	-0.58	-3.60	-0.63
994	4	1166	13.70	14.22	3.32	7.79	9.75	5.36	0.49	-0.15	0.49	-0.15	0.01
		1167	19.10	18.40	4.38	11.69	11.09	7.00	0.78	-0.10	0.78	-0.10	0.04
		1186	18.16	12.95	7.56	11.03	9.49	2.59	1.27	1.18	1.25	1.20	-0.03
		1185	14.63	9.78	5.95	7.02	8.70	1.72	1.20	0.85	0.86	1.19	-0.03
995	1	1167	68.80	27.30	7.58	27.12	7.76	-1.87	4.36	-6.23	1.86	-3.73	-4.50
		1168	61.13	39.89	9.92	39.30	10.50	4.14	4.77	-3.09	2.79	-1.11	-3.41
		1187	92.24	48.87	-0.52	46.29	2.06	-10.99	6.14	-1.93	5.90	-1.69	-1.37
		1186	74.42	38.29	-1.56	31.51	5.23	-14.98	0.26	-7.63	-0.20	-7.16	-1.86
995	2	1167	48.94	46.77	11.50	31.21	27.06	17.51	2.08	-0.40	2.08	-0.40	0.06
		1168	69.30	60.64	13.02	41.99	31.66	23.24	3.23	0.38	3.17	0.44	0.43
		1187	62.14	47.27	20.28	42.98	24.58	9.87	4.33	2.36	4.33	2.37	-0.05
		1186	47.31	33.92	19.96	29.86	24.02	6.34	3.25	3.08	3.09	3.24	-0.05
995	3	1167	19.47	10.69	4.99	10.45	5.22	1.13	1.42	-1.79	0.72	-1.09	-1.33
		1168	19.82	16.07	5.24	14.86	6.44	3.41	1.60	-0.77	1.08	-0.25	-0.98
		1187	29.83	17.29	3.03	16.98	3.34	-2.08	2.14	-0.41	2.07	-0.34	-0.42
		1186	21.09	13.07	2.76	11.63	4.19	-3.57	0.31	-2.03	0.17	-1.89	-0.56
995	4	1167	18.78	18.18	4.42	11.66	10.94	6.87	0.79	-0.10	0.79	-0.10	0.02
		1168	26.43	23.37	5.00	15.66	12.71	9.07	1.22	0.18	1.19	0.21	0.16
		1187	23.36	18.08	7.93	16.00	10.01	4.10	1.61	0.87	1.60	0.87	-0.02
		1186	18.07	13.29	7.62	11.15	9.76	2.75	1.20	1.14	1.14	1.19	-0.02
996	1	1168	68.27	36.43	9.04	35.82	9.66	4.06	6.61	-2.10	4.89	-0.38	-3.47
		262	73.97	45.58	12.29	44.46	13.41	6.00	8.12	1.24	6.09	3.26	-3.14
		197	123.62	60.99	-1.71	60.40	-1.12	6.05	11.30	1.78	11.28	1.81	-0.47
		1187	78.02	57.00	2.35	54.81	4.54	-10.71	1.30	-4.16	0.72	-3.59	-1.67
996	2	1168	65.90	61.55	13.12	42.56	32.11	23.65	2.04	0.29	1.90	0.43	0.47
		262	102.29	68.60	10.32	40.65	38.27	29.12	10.02	5.82	10.01	5.83	-0.21
		197	105.09	78.52	12.22	67.38	23.36	24.79	6.11	-0.52	6.11	-0.52	0.08
		1187	57.53	48.36	21.36	44.45	25.27	9.50	3.03	1.35	2.95	1.42	0.35
996	3	1168	21.64	15.17	4.93	13.87	6.23	3.41	2.08	-0.51	1.61	-0.04	-1.00
		262	27.47	18.18	5.92	16.26	7.85	4.46	3.10	0.90	2.56	1.45	-0.95
		197	43.80	23.81	1.57	23.01	2.37	4.14	3.80	0.48	3.80	0.48	-0.13
		1187	24.56	19.87	3.88	19.62	4.14	-2.01	0.57	-1.12	0.43	-0.97	-0.47
996	4	1168	25.22	23.71	5.04	15.87	12.88	9.21	0.77	0.15	0.72	0.20	0.17
		262	38.70	26.48	3.86	15.13	15.21	11.31	3.72	2.20	3.72	2.21	-0.08
		197	39.19	29.75	4.95	25.08	9.62	9.69	2.27	-0.21	2.27	-0.21	0.03
		1187	21.68	18.48	8.35	16.55	10.28	3.98	1.12	0.49	1.09	0.51	0.12
997	1	99	137.91	67.15	-6.17	65.60	-4.62	-10.54	13.75	4.31	13.63	4.43	1.07
		1169	78.79	69.03	-6.36	59.07	3.60	-25.53	1.32	-4.13	0.75	-3.56	1.67
		1188	85.53	43.07	1.36	41.96	2.47	-6.71	6.34	-1.65	5.92	-1.24	-1.77
		136	98.35	55.38	3.30	52.35	6.33	-12.20	8.37	2.21	8.13	2.45	-1.20
997	2	99	105.26	78.69	9.12	66.83	20.98	-26.16	6.79	3.01	6.78	3.01	-0.15
		1169	80.71	71.37	-1.80	44.44	25.14	-35.29	4.11	2.39	3.87	2.62	0.59
		1188	56.77	53.45	10.56	41.94	22.07	-19.01	2.77	0.75	2.60	0.91	0.56
		136	88.72	58.95	10.21	40.93	28.22	-23.53	8.68	2.56	8.66	2.58	0.33
997	3	99	47.88	25.76	-0.15	24.50	1.11	-5.57	4.59	1.56	4.56	1.59	0.30
		1169	28.56	26.04	-1.31	20.88	3.85	-10.70	0.71	-1.03	0.52	-0.85	0.53
		1188	29.17	16.73	2.10	15.61	3.22	-3.89	2.08	-0.35	1.98	-0.25	-0.49
		136	35.59	20.77	2.71	18.58	4.90	-5.90	3.08	0.85	3.03	0.90	-0.33
997	4	99	39.44	29.80	3.76	24.87	8.69	-10.20	2.53	1.17	2.53	1.17	-0.06
		1169	30.73	27.34	-0.57	16.54	10.23	-13.59	1.53	0.90	1.45	0.98	0.21
		1188	21.68	20.53	4.09	15.60	9.03	-7.53	1.06	0.33	1.00	0.39	0.20
		136	33.20	22.75	3.84	15.20	11.39	-9.26	3.20	0.93	3.19	0.94	0.12
998	1	1169	96.21	59.73	-8.70	49.70	1.33	-24.20	6.73	-2.37	6.34	-1.99	1.84
		1170	78.25	45.83	-8.77	32.55	4.51	-23.43	-0.55	-9.45	-0.90	-9.10	1.73
		1189	78.52	32.47	0.41	30.68	2.19	-7.35	2.00	-7.77	1.46	-7.24	-2.22
		1188	76.24	46.53	2.39	45.36	3.56	-7.09	3.79	-2.57	3.34	-2.12	-1.62
998	2	1169	79.77	67.60	0.57	42.96	25.21	-32.32	4.52	2.96	4.40	3.08	0.41
		1170	67.09	55.34	-2.02	29.80	23.52	-28.50	3.54	3.13	3.18	3.50	0.13
		1189	45.73	41.93	7.43	30.38	18.98	-16.29	2.03	-0.67	2.01	-0.66	0.17
		1188	60.74	53.79	9.25	41.21	21.83	-20.05	3.06	0.55	3.03	0.58	0.26
998	3	1169	32.76	23.07	-1.90	17.99	3.18	-10.06	2.33	-0.48	2.21	-0.36	0.58
		1170	27.32	18.24	-2.37	11.94	3.93	-9.50	0.08	-2.55	-0.03	-2.44	0.52
		1189	25.56	12.87	1.39	11.41	2.86	-3.83	0.74	-2.29	0.60	-2.15	-0.64
		1188	26.63	17.73	2.35	16.56	3.53	-4.09	1.35	-0.65	1.23	-0.54	-0.46
998	4	1169	30.26	25.91	0.34	15.99	10.26	-12.46	1.68	1.10	1.63	1.14	0.15
		1170	25.69	21.37	-0.69	11.12	9.56	-11.00	1.31	1.16	1.18	1.29	0.05
		1189	17.40	16.28	2.87	11.32	7.83	-6.47	0.77	-0.20	0.76	-0.20	0.06
		1188	23.07	20.68	3.59	15.33	8.94	-7.93	1.15	0.25	1.14	0.26	0.09
999	1	1170	78.39	45.06	-9.12	31.98	3.96	-23.19	1.76	-8.85	1.40	-8.49	1.92
		1171	106.94	33.50	-11.40	16.99	5.10	-21.65	-3.54	-16.66	-3.82	-16.37	1.91
		1190	83.88	17.94	1.15	14.94	4.15	-6.43	-1.62	-13.59	-2.23	-12.99	-2.62
		1189	73.83	32.32	1.12	30.68	2.77	-6.98	0.94	-8.04	0.40	-7.49	-2.15
999	2	1170	66.79	54.72	-1.55	29.57	23.60	-27.98	3.54	3.28	3.40	3.42	0.13
		1171	54.38	43.17	-3.37	18.67	21.14	-23.24	3.28	2.32	2.32	3.28	0.07



		1190	30.84	31.09	5.43	19.34	17.18	-12.78	1.23	-0.72	1.22	-0.71	0.16
		1189	45.25	41.83	7.37	30.20	19.00	-16.29	2.01	-0.50	1.99	-0.48	0.19
999	3	1170	26.90	17.96	-2.42	11.75	3.78	-9.38	0.78	-2.38	0.67	-2.27	0.58
		1171	34.46	13.81	-3.43	6.51	3.87	-8.52	-0.88	-4.70	-0.96	-4.62	0.57
		1190	25.25	8.09	1.08	5.93	3.23	-3.24	-0.39	-4.02	-0.55	-3.85	-0.76
		1189	24.00	12.81	1.61	11.39	3.02	-3.72	0.43	-2.35	0.28	-2.21	-0.62
999	4	1170	25.54	21.14	-0.50	11.04	9.60	-10.80	1.31	1.21	1.26	1.26	0.05
		1171	20.98	16.83	-1.21	7.01	8.62	-8.99	1.21	0.86	0.86	1.21	0.03
		1190	12.01	12.29	2.05	7.24	7.10	-5.12	0.47	-0.22	0.47	-0.21	0.06
		1189	17.26	16.24	2.84	11.25	7.83	-6.48	0.76	-0.14	0.76	-0.13	0.07
1000	1	1171	107.15	33.20	-11.43	16.74	5.03	-21.54	-2.73	-16.49	-3.03	-16.19	2.01
		1172	150.60	25.57	-16.59	2.86	6.12	-21.02	-7.59	-25.38	-7.84	-25.12	2.12
		1191	109.22	9.79	-4.09	-0.38	6.09	-6.14	-5.20	-19.69	-5.85	-19.04	-3.00
		1190	83.16	18.08	1.26	15.11	4.22	-6.41	-2.03	-13.69	-2.65	-13.08	-2.61
1000	2	1171	54.30	42.98	-3.18	18.56	21.23	-23.04	3.29	2.41	2.42	3.29	0.07
		1172	45.65	33.44	-5.12	9.33	18.98	-18.67	3.17	1.57	1.57	3.17	0.07
		1191	25.90	22.94	2.43	9.83	15.54	-9.85	0.42	-0.83	0.40	-0.81	0.16
		1190	30.59	31.10	5.36	19.33	17.13	-12.82	1.18	-0.71	1.16	-0.69	0.17
1000	3	1171	34.53	13.70	-3.42	6.43	3.86	-8.46	-0.63	-4.65	-0.72	-4.56	0.60
		1172	46.50	10.80	-5.22	1.64	3.94	-7.93	-2.13	-7.30	-2.21	-7.22	0.63
		1191	33.71	5.39	-1.07	0.70	3.62	-2.88	-1.51	-5.84	-1.69	-5.65	-0.88
		1190	24.99	8.13	1.10	5.98	3.25	-3.24	-0.51	-4.05	-0.68	-3.88	-0.76
1000	4	1171	20.94	16.76	-1.14	6.97	8.66	-8.91	1.21	0.89	0.89	1.21	0.03
		1172	17.71	13.19	-1.88	3.56	7.75	-7.23	1.17	0.58	0.58	1.16	0.02
		1191	10.25	9.27	0.87	3.73	6.42	-3.98	0.17	-0.26	0.16	-0.25	0.06
		1190	11.99	12.29	2.02	7.24	7.07	-5.14	0.45	-0.21	0.45	-0.21	0.06
1001	1	1172	150.48	25.36	-16.69	2.63	6.04	-20.96	-7.23	-25.28	-7.48	-25.03	2.12
		1173	203.41	21.76	-25.74	-11.27	7.29	-21.86	-12.30	-35.28	-12.55	-35.04	2.36
		1192	146.98	9.73	-17.50	-15.97	8.20	-6.27	-8.79	-26.15	-9.46	-25.47	-3.35
		1191	109.15	9.90	-3.93	-0.15	6.12	-6.16	-5.42	-19.74	-6.07	-19.09	-2.99
1001	2	1172	45.63	33.34	-5.08	9.24	19.02	-18.57	3.18	1.60	1.60	3.18	0.06
		1173	41.10	25.93	-7.31	1.53	17.09	-14.69	3.11	0.92	0.92	3.10	0.06
		1192	23.04	17.62	-1.63	1.88	14.12	-7.43	-0.26	-0.93	-0.29	-0.90	0.15
		1191	25.89	22.96	2.41	9.86	15.51	-9.88	0.40	-0.83	0.38	-0.81	0.16
1001	3	1172	46.46	10.73	-5.25	1.57	3.92	-7.90	-2.02	-7.27	-2.10	-7.19	0.63
		1173	61.61	9.10	-8.13	-3.11	4.08	-7.83	-3.58	-10.23	-3.65	-10.16	0.70
		1192	44.94	4.84	-5.27	-4.50	4.07	-2.68	-2.62	-7.76	-2.81	-7.57	-0.98
		1191	33.69	5.42	-1.02	0.77	3.63	-2.89	-1.57	-5.85	-1.76	-5.67	-0.87
1001	4	1172	17.70	13.15	-1.86	3.53	7.77	-7.20	1.17	0.59	0.59	1.17	0.02
		1173	15.94	10.35	-2.68	0.68	6.98	-5.70	1.14	0.34	0.34	1.14	0.02
		1192	9.06	7.24	-0.63	0.79	5.83	-3.02	-0.08	-0.30	-0.09	-0.28	0.06
		1191	10.25	9.28	0.87	3.74	6.41	-3.99	0.16	-0.26	0.15	-0.25	0.06
1002	1	1173	202.73	21.59	-25.89	-11.49	7.20	-21.82	-12.00	-35.14	-12.21	-34.93	2.20
		1174	264.22	21.16	-39.14	-26.78	8.80	-24.33	-17.47	-46.24	-17.76	-45.95	2.89
		1193	188.47	11.51	-33.90	-32.93	10.54	-6.57	-12.26	-33.03	-12.90	-32.39	-3.61
		1192	146.57	9.81	-17.25	-15.69	8.25	-6.31	-9.07	-26.15	-9.71	-25.51	-3.25
1002	2	1173	41.13	25.87	-7.33	1.44	17.10	-14.64	3.11	0.93	0.93	3.11	0.05
		1174	39.92	20.46	-9.76	-4.81	15.51	-11.19	3.06	0.38	0.38	3.06	0.05
		1193	21.38	14.48	-6.12	-4.56	12.93	-5.44	-0.77	-1.05	-0.85	-0.97	0.13
		1192	22.99	17.64	-1.61	1.92	14.11	-7.45	-0.27	-0.93	-0.30	-0.90	0.14
1002	3	1173	61.39	9.04	-8.17	-3.18	4.05	-7.81	-3.49	-10.19	-3.55	-10.13	0.66
		1174	79.30	8.44	-12.26	-8.17	4.35	-8.25	-5.15	-13.49	-5.24	-13.40	0.86
		1193	57.27	5.06	-10.43	-9.99	4.62	-2.57	-3.68	-9.81	-3.87	-9.62	-1.06
		1192	44.82	4.87	-5.20	-4.41	4.09	-2.69	-2.70	-7.76	-2.89	-7.58	-0.95
1002	4	1173	15.95	10.33	-2.69	0.65	6.99	-5.68	1.14	0.34	0.34	1.14	0.02
		1174	15.38	8.25	-3.57	-1.65	6.34	-4.35	1.13	0.14	0.14	1.12	0.02
		1193	8.32	5.98	-2.24	-1.59	5.33	-2.23	-0.26	-0.35	-0.30	-0.31	0.05
		1192	9.05	7.25	-0.62	0.80	5.82	-3.03	-0.08	-0.30	-0.10	-0.29	0.05
1003	1	1174	262.72	21.12	-39.34	-26.95	8.73	-24.41	-17.24	-46.05	-17.43	-45.86	2.34
		1175	332.61	22.68	-57.77	-46.14	11.04	-28.29	-22.40	-57.73	-23.07	-57.06	4.82
		1194	243.02	13.39	-52.91	-52.30	12.78	-6.33	-14.96	-41.56	-15.43	-41.08	-3.52
		1193	186.39	11.60	-33.63	-32.64	10.61	-6.61	-12.74	-32.78	-13.27	-32.24	-3.24
1003	2	1174	39.98	20.43	-9.81	-4.88	15.50	-11.17	3.06	0.38	0.38	3.06	0.04
		1175	40.71	16.72	-12.17	-9.71	14.26	-8.07	3.03	-0.04	-0.04	3.03	0.04
		1194	21.49	12.64	-10.18	-9.54	12.00	-3.79	-0.99	-1.31	-1.28	-1.02	0.10
		1193	21.33	14.49	-6.09	-4.53	12.93	-5.45	-0.78	-1.04	-0.85	-0.97	0.12
1003	3	1174	78.82	8.43	-12.32	-8.22	4.33	-8.26	-5.08	-13.43	-5.14	-13.37	0.70
		1175	99.38	8.53	-17.91	-14.25	4.87	-9.13	-6.64	-16.90	-6.84	-16.69	1.43
		1194	73.48	5.42	-16.34	-16.09	5.17	-2.32	-4.51	-12.34	-4.65	-12.20	-1.03
		1193	56.67	5.08	-10.35	-9.91	4.64	-2.58	-3.82	-9.73	-3.98	-9.57	-0.95
1003	4	1174	15.40	8.24	-3.58	-1.68	6.34	-4.34	1.13	0.14	0.14	1.13	0.02
		1175	15.55	6.79	-4.42	-3.46	5.83	-3.14	1.11	-0.02	-0.02	1.11	0.01
		1194	8.40	5.22	-3.70	-3.42	4.93	-1.56	-0.32	-0.47	-0.46	-0.33	0.04
		1193	8.30	5.99	-2.24	-1.58	5.33	-2.23	-0.26	-0.35	-0.30	-0.31	0.04
1004	1	1175	332.76	23.23	-58.07	-45.91	11.06	-29.00	-23.14	-58.19	-23.50	-57.84	3.51
		1176	388.87	24.82	-84.94	-75.44	15.33	-30.85	-23.04	-64.67	-26.27	-61.44	11.13
		1195	363.10	12.75	-72.49	-72.32	12.58	-3.78	-18.42	-61.40	-18.46	-61.36	-1.33



1004	2	1194	235.59	13.56	-53.17	-52.57	12.97	-6.29	-14.25	-39.81	-14.48	-39.57	-2.43
		1175	40.76	16.71	-12.22	-9.76	14.26	-8.06	3.03	-0.04	-0.04	3.03	0.03
		1176	42.12	14.36	-14.19	-13.20	13.37	-5.23	3.01	-0.34	-0.34	3.01	0.03
		1195	25.65	11.56	-13.30	-13.07	11.32	-2.39	-1.05	-1.59	-1.58	-1.06	0.07
1004	3	1194	21.49	12.65	-10.16	-9.51	12.00	-3.79	-1.00	-1.31	-1.28	-1.02	0.09
		1175	99.37	8.69	-18.00	-14.19	4.88	-9.34	-6.86	-17.03	-6.97	-16.92	1.04
		1176	115.98	8.93	-26.07	-23.19	6.04	-9.63	-6.83	-18.97	-7.81	-17.99	3.30
		1195	109.14	5.09	-22.35	-22.28	5.02	-1.40	-5.56	-18.22	-5.57	-18.21	-0.39
1004	4	1194	71.33	5.47	-16.42	-16.17	5.22	-2.31	-4.30	-11.82	-4.37	-11.75	-0.71
		1175	15.56	6.79	-4.44	-3.48	5.83	-3.14	1.11	-0.02	-0.02	1.11	0.01
		1176	15.97	5.85	-5.14	-4.75	5.46	-2.04	1.11	-0.13	-0.13	1.11	0.01
		1195	9.83	4.75	-4.83	-4.72	4.65	-0.99	-0.34	-0.58	-0.57	-0.34	0.03
1005	1	1194	8.40	5.22	-3.70	-3.41	4.93	-1.57	-0.32	-0.47	-0.46	-0.33	0.03
		1176	412.10	26.07	-86.50	-75.92	15.48	-32.85	-22.00	-67.84	-27.29	-62.55	14.65
		1177	241.12	23.43	-122.64	-120.32	21.11	-18.28	-15.69	-36.31	-24.05	-27.95	10.12
		1196	744.85	6.43	-81.21	-81.21	6.43	0.11	-85.64	-140.15	-86.21	-139.58	5.57
1005	2	1195	403.75	12.41	-74.01	-73.92	12.32	-2.80	0.62	-57.80	0.53	-57.71	2.37
		1176	42.16	14.36	-14.23	-13.24	13.37	-5.23	3.01	-0.34	-0.34	3.01	0.02
		1177	43.29	13.07	-15.52	-15.29	12.84	-2.57	3.00	-0.51	-0.51	3.00	0.02
		1196	28.31	10.97	-15.23	-15.18	10.92	-1.15	-1.08	-1.77	-1.77	-1.08	0.04
1005	3	1195	25.65	11.56	-13.28	-13.05	11.33	-2.39	-1.05	-1.59	-1.58	-1.06	0.06
		1176	122.90	9.29	-26.53	-23.33	6.09	-10.22	-6.52	-19.92	-8.11	-18.32	4.34
		1177	72.22	8.40	-37.34	-36.63	7.69	-5.66	-4.58	-10.65	-7.17	-8.07	3.00
		1196	220.36	3.15	-25.07	-25.07	3.15	-0.11	-25.49	-41.56	-25.66	-41.39	1.65
1005	4	1195	121.26	4.99	-22.80	-22.75	4.94	-1.11	0.08	-17.16	0.05	-17.13	0.71
		1176	15.99	5.85	-5.15	-4.76	5.46	-2.04	1.11	-0.13	-0.13	1.11	7.70e-03
		1177	16.34	5.33	-5.61	-5.52	5.24	-1.00	1.10	-0.19	-0.19	1.10	5.93e-03
		1196	10.75	4.50	-5.53	-5.50	4.48	-0.48	-0.35	-0.64	-0.64	-0.35	0.01
1006	1	1195	9.83	4.75	-4.82	-4.72	4.65	-0.99	-0.34	-0.58	-0.57	-0.34	0.02
		1177	246.25	22.81	-122.66	-121.08	21.22	-15.11	-15.93	-36.85	-24.50	-28.27	10.29
		1178	248.10	22.47	-122.93	-121.71	21.24	13.29	-16.38	-36.94	-24.69	-28.63	-10.09
		1197	725.63	6.09	-83.08	-83.08	6.09	0.57	-68.52	-137.62	-68.57	-137.57	1.89
1006	2	1196	724.01	6.04	-82.42	-82.41	6.03	-1.05	-68.33	-137.34	-68.40	-137.27	-2.11
		1177	43.31	13.07	-15.54	-15.31	12.83	-2.57	3.00	-0.51	-0.51	3.00	8.07e-03
		1178	43.73	12.66	-15.99	-15.99	12.66	2.15e-03	3.00	-0.57	-0.57	3.00	4.15e-03
		1197	29.21	10.79	-15.88	-15.88	10.79	1.54e-03	-1.09	-1.83	-1.83	-1.09	4.23e-03
1006	3	1196	28.31	10.97	-15.22	-15.17	10.92	-1.15	-1.08	-1.77	-1.77	-1.08	0.03
		1177	73.72	8.22	-37.35	-36.86	7.72	-4.72	-4.65	-10.81	-7.30	-8.16	3.05
		1178	74.45	8.05	-37.44	-37.10	7.71	3.94	-4.79	-10.84	-7.36	-8.27	-2.99
		1197	216.34	3.03	-25.67	-25.67	3.03	0.17	-20.42	-40.81	-20.44	-40.79	0.56
1006	4	1196	215.86	3.04	-25.43	-25.42	3.03	-0.45	-20.36	-40.72	-20.38	-40.70	-0.62
		1177	16.35	5.33	-5.61	-5.52	5.24	-1.00	1.10	-0.19	-0.19	1.10	3.21e-03
		1178	16.49	5.17	-5.77	-5.77	5.17	7.60e-04	1.10	-0.22	-0.22	1.10	1.36e-03
		1197	11.07	4.42	-5.76	-5.76	4.42	5.96e-04	-0.35	-0.66	-0.66	-0.35	1.39e-03
1007	1	1196	10.75	4.50	-5.52	-5.50	4.48	-0.48	-0.35	-0.64	-0.64	-0.35	0.01
		1178	242.97	23.00	-122.85	-120.97	21.12	16.47	-16.14	-36.40	-24.24	-28.31	-9.92
		1179	414.44	24.87	-87.17	-77.85	15.55	30.93	-22.74	-68.71	-27.85	-63.60	-14.45
		1198	408.61	12.56	-76.01	-75.95	12.50	2.26	0.13	-58.71	0.01	-58.60	-2.59
1007	2	1197	746.75	6.50	-81.87	-81.87	6.49	-0.59	-85.77	-140.49	-86.39	-139.87	-5.79
		1178	43.73	12.66	-15.99	-15.99	12.66	-2.16e-03	3.00	-0.57	-0.57	3.00	-4.15e-03
		1179	43.31	13.07	-15.54	-15.31	12.83	2.57	3.00	-0.51	-0.51	3.00	-8.07e-03
		1198	28.31	10.97	-15.22	-15.17	10.92	1.15	-1.08	-1.77	-1.77	-1.08	-0.03
1007	3	1197	29.21	10.79	-15.88	-15.88	10.79	-1.54e-03	-1.09	-1.83	-1.83	-1.09	-4.23e-03
		1178	72.94	8.20	-37.41	-36.88	7.67	4.88	-4.72	-10.68	-7.23	-8.17	-2.94
		1179	123.33	8.74	-26.75	-24.05	6.04	9.41	-6.75	-20.17	-8.29	-18.63	-4.28
		1198	122.68	4.97	-23.53	-23.51	4.95	0.81	-0.08	-17.43	-0.11	-17.39	-0.77
1007	4	1197	220.97	3.15	-25.31	-25.31	3.15	-0.18	-25.53	-41.66	-25.72	-41.48	-1.72
		1178	16.49	5.17	-5.77	-5.77	5.17	-7.61e-04	1.10	-0.22	-0.22	1.10	-1.36e-03
		1179	16.35	5.33	-5.61	-5.52	5.24	1.00	1.10	-0.19	-0.19	1.10	-3.21e-03
		1198	10.75	4.50	-5.52	-5.50	4.48	0.48	-0.35	-0.64	-0.64	-0.35	-0.01
1008	1	1197	11.07	4.42	-5.76	-5.76	4.42	-5.97e-04	-0.35	-0.66	-0.66	-0.35	-1.39e-03
		1179	391.84	23.67	-85.68	-77.40	15.39	28.93	-23.74	-65.58	-26.83	-62.49	-10.93
		1180	340.66	21.41	-59.44	-49.23	11.20	26.86	-24.13	-59.89	-24.44	-59.58	-3.32
		1199	243.92	13.76	-56.49	-56.03	13.30	5.63	-15.15	-41.23	-15.33	-41.04	2.22
1008	2	1198	368.13	12.89	-74.45	-74.33	12.77	3.24	-18.95	-62.28	-18.98	-62.25	1.11
		1179	43.29	13.07	-15.52	-15.29	12.84	2.57	3.00	-0.51	-0.51	3.00	-0.02
		1180	42.16	14.36	-14.23	-13.24	13.37	5.23	3.01	-0.34	-0.34	3.01	-0.02
		1199	25.65	11.56	-13.28	-13.05	11.33	2.39	-1.05	-1.59	-1.58	-1.06	-0.06
1008	3	1198	28.31	10.97	-15.23	-15.18	10.92	1.15	-1.08	-1.77	-1.77	-1.08	-0.04
		1179	116.63	8.40	-26.32	-23.92	6.00	8.81	-7.06	-19.24	-7.99	-18.30	-3.24
		1180	101.51	7.88	-18.48	-15.42	4.82	8.45	-7.18	-17.53	-7.27	-17.44	-0.98
		1199	73.79	5.40	-17.62	-17.45	5.24	1.95	-4.59	-12.25	-4.65	-12.19	0.65
1008	4	1198	110.62	5.07	-23.07	-23.03	5.03	1.10	-5.73	-18.48	-5.74	-18.47	0.33
		1179	16.34	5.33	-5.61	-5.52	5.24	1.00	1.10	-0.19	-0.19	1.10	-5.93e-03
		1180	15.99	5.85	-5.15	-4.76	5.46	2.04	1.11	-0.13	-0.13	1.11	-7.70e-03
		1199	9.83	4.75	-4.82	-4.72	4.65	0.99	-0.34	-0.58	-0.57	-0.34	-0.02
1008		1198	10.75	4.50	-5.53	-5.50	4.48	0.48	-0.35	-0.64	-0.64	-0.35	-0.01



1009	1	1180	340.21	20.89	-59.19	-49.47	11.17	26.15	-23.40	-59.41	-24.00	-58.80	-4.64
		1181	274.24	18.53	-41.34	-31.77	8.97	21.94	-18.60	-48.43	-18.76	-48.27	-2.16
		1200	197.89	11.82	-38.35	-37.67	11.14	5.80	-14.02	-34.71	-14.47	-34.25	3.04
		1199	251.28	13.59	-56.21	-55.74	13.12	5.67	-15.88	-42.96	-16.29	-42.55	3.31
1009	2	1180	42.12	14.36	-14.19	-13.20	13.37	5.23	3.01	-0.34	-0.34	3.01	-0.03
		1181	40.76	16.71	-12.22	-9.76	14.26	8.06	3.03	-0.04	-0.04	3.03	-0.03
		1200	21.49	12.65	-10.16	-9.51	12.00	3.79	-1.00	-1.31	-1.28	-1.02	-0.09
		1199	25.65	11.56	-13.30	-13.07	11.32	2.39	-1.05	-1.59	-1.58	-1.06	-0.07
1009	3	1180	101.42	7.73	-18.41	-15.49	4.81	8.24	-6.96	-17.39	-7.14	-17.21	-1.38
		1181	81.99	7.30	-13.04	-10.00	4.26	7.25	-5.51	-14.13	-5.56	-14.09	-0.64
		1200	60.08	4.96	-12.03	-11.76	4.68	2.16	-4.23	-10.31	-4.37	-10.17	0.89
		1199	75.94	5.35	-17.54	-17.37	5.18	1.96	-4.81	-12.76	-4.93	-12.64	0.97
1009	4	1180	15.97	5.85	-5.14	-4.75	5.46	2.04	1.11	-0.13	-0.13	1.11	-0.01
		1181	15.56	6.79	-4.44	-3.48	5.83	3.14	1.11	-0.02	-0.02	1.11	-0.01
		1200	8.40	5.22	-3.70	-3.41	4.93	1.57	-0.32	-0.47	-0.46	-0.33	-0.03
		1199	9.83	4.75	-4.83	-4.72	4.65	0.99	-0.34	-0.58	-0.57	-0.34	-0.03
1010	1	1181	275.57	18.55	-41.15	-31.63	9.03	21.86	-18.82	-48.60	-19.07	-48.35	-2.73
		1182	217.19	17.59	-28.05	-18.03	7.58	18.89	-13.75	-38.13	-13.92	-37.96	-2.04
		1201	161.09	9.88	-23.35	-22.49	9.02	5.28	-10.70	-28.56	-11.25	-28.02	3.07
		1200	199.93	11.73	-38.60	-37.93	11.07	5.75	-13.55	-34.96	-14.11	-34.40	3.41
1010	2	1181	40.71	16.72	-12.17	-9.71	14.26	8.07	3.03	-0.04	-0.04	3.03	-0.04
		1182	39.98	20.43	-9.81	-4.88	15.50	11.17	3.06	0.38	0.38	3.06	-0.04
		1201	21.33	14.49	-6.09	-4.53	12.93	5.45	-0.78	-1.04	-0.85	-0.97	-0.12
		1200	21.49	12.64	-10.18	-9.54	12.00	3.79	-0.99	-1.31	-1.28	-1.02	-0.10
1010	3	1181	82.40	7.30	-12.98	-9.95	4.28	7.23	-5.58	-14.19	-5.66	-14.11	-0.81
		1182	65.33	7.38	-8.97	-5.58	3.99	6.63	-4.05	-11.08	-4.10	-11.03	-0.61
		1201	49.14	4.58	-7.31	-6.90	4.17	2.18	-3.22	-8.48	-3.38	-8.33	0.90
		1200	60.67	4.93	-12.11	-11.84	4.66	2.15	-4.10	-10.39	-4.26	-10.22	1.00
1010	4	1181	15.55	6.79	-4.42	-3.46	5.83	3.14	1.11	-0.02	-0.02	1.11	-0.01
		1182	15.40	8.24	-3.58	-1.68	6.34	4.34	1.13	0.14	0.14	1.13	-0.02
		1201	8.30	5.99	-2.24	-1.58	5.33	2.23	-0.26	-0.35	-0.30	-0.31	-0.04
		1200	8.40	5.22	-3.70	-3.42	4.93	1.56	-0.32	-0.47	-0.46	-0.33	-0.04
1011	1	1182	217.82	17.73	-27.90	-17.84	7.67	18.91	-14.00	-38.26	-14.20	-38.06	-2.22
		1183	166.92	18.86	-18.17	-5.93	6.62	17.42	-9.40	-28.84	-9.60	-28.63	-1.98
		1202	126.48	8.54	-10.39	-9.03	7.18	4.89	-7.38	-22.59	-7.92	-22.05	2.83
		1201	161.51	9.82	-23.60	-22.75	8.97	5.25	-10.45	-28.57	-11.02	-28.00	3.17
1011	2	1182	39.92	20.46	-9.76	-4.81	15.51	11.19	3.06	0.38	0.38	3.06	-0.05
		1183	41.13	25.87	-7.33	1.44	17.10	14.64	3.11	0.93	0.93	3.11	-0.05
		1202	22.99	17.64	-1.61	1.92	14.11	7.45	-0.27	-0.93	-0.30	-0.90	-0.14
		1201	21.38	14.48	-6.12	-4.56	12.93	5.44	-0.77	-1.05	-0.85	-0.97	-0.13
1011	3	1182	65.52	7.42	-8.92	-5.52	4.02	6.64	-4.12	-11.12	-4.18	-11.06	-0.66
		1183	50.80	8.22	-5.87	-1.53	3.88	6.51	-2.72	-8.33	-2.78	-8.26	-0.59
		1202	38.86	4.51	-3.18	-2.44	3.77	2.27	-2.20	-6.71	-2.35	-6.55	0.83
		1201	49.26	4.56	-7.39	-6.98	4.16	2.17	-3.15	-8.49	-3.31	-8.32	0.93
1011	4	1182	15.38	8.25	-3.57	-1.65	6.34	4.35	1.13	0.14	0.14	1.12	-0.02
		1183	15.95	10.33	-2.69	0.65	6.99	5.68	1.14	0.34	0.34	1.14	-0.02
		1202	9.05	7.25	-0.62	0.80	5.82	3.03	-0.08	-0.30	-0.10	-0.29	-0.05
		1201	8.32	5.98	-2.24	-1.59	5.33	2.23	-0.26	-0.35	-0.30	-0.31	-0.05
1012	1	1183	167.12	19.02	-18.05	-5.74	6.70	17.46	-9.59	-28.90	-9.80	-28.69	-2.02
		1184	123.47	23.07	-11.48	5.72	5.88	17.27	-5.39	-20.52	-5.63	-20.28	-1.89
		1203	93.78	9.64	-0.28	3.78	5.58	4.88	-4.24	-16.91	-4.76	-16.39	2.50
		1202	126.56	8.49	-10.57	-9.24	7.15	4.87	-7.25	-22.56	-7.79	-22.01	2.85
1012	2	1183	41.10	25.93	-7.31	1.53	17.09	14.69	3.11	0.92	0.92	3.10	-0.06
		1184	45.63	33.34	-5.08	9.24	19.02	18.57	3.18	1.60	1.60	3.18	-0.06
		1203	25.89	22.96	2.41	9.86	15.51	9.88	0.40	-0.83	0.38	-0.81	-0.16
		1202	23.04	17.62	-1.63	1.88	14.12	7.43	-0.26	-0.93	-0.29	-0.90	-0.15
1012	3	1183	50.87	8.27	-5.84	-1.47	3.91	6.52	-2.77	-8.34	-2.84	-8.28	-0.60
		1184	38.51	10.02	-3.67	2.48	3.87	6.81	-1.48	-5.86	-1.55	-5.78	-0.56
		1203	29.15	5.32	0.08	1.94	3.46	2.51	-1.22	-5.01	-1.37	-4.87	0.73
		1202	38.88	4.50	-3.24	-2.50	3.76	2.26	-2.16	-6.70	-2.32	-6.54	0.83
1012	4	1183	15.94	10.35	-2.68	0.68	6.98	5.70	1.14	0.34	0.34	1.14	-0.02
		1184	17.70	13.15	-1.86	3.53	7.77	7.20	1.17	0.59	0.59	1.17	-0.02
		1203	10.25	9.28	0.87	3.74	6.41	3.99	0.16	-0.26	0.15	-0.25	-0.06
		1202	9.06	7.24	-0.63	0.79	5.83	3.02	-0.08	-0.30	-0.09	-0.28	-0.06
1013	1	1184	123.44	23.25	-11.40	5.92	5.93	17.33	-5.66	-20.58	-5.89	-20.34	-1.86
		1185	88.30	30.78	-7.83	17.74	5.21	18.26	-1.63	-13.21	-1.91	-12.94	-1.77
		1204	72.87	18.64	2.21	16.69	4.16	5.31	-1.36	-11.61	-1.82	-11.14	2.14
		1203	93.76	9.54	-0.38	3.61	5.55	4.86	-4.10	-16.86	-4.61	-16.36	2.49
1013	2	1184	45.65	33.44	-5.12	9.33	18.98	18.67	3.17	1.57	1.57	3.17	-0.07
		1185	54.30	42.98	-3.18	18.56	21.23	23.04	3.29	2.41	2.42	3.29	-0.07
		1204	30.59	31.10	5.36	19.33	17.13	12.82	1.18	-0.71	1.16	-0.69	-0.17
		1203	25.90	22.94	2.43	9.83	15.54	9.85	0.42	-0.83	0.40	-0.81	-0.16
1013	3	1184	38.50	10.09	-3.65	2.55	3.88	6.84	-1.56	-5.87	-1.63	-5.80	-0.56
		1185	29.03	12.94	-2.31	6.72	3.91	7.49	-0.30	-3.68	-0.39	-3.60	-0.53
		1204	22.03	8.17	1.52	6.45	3.23	2.91	-0.31	-3.43	-0.44	-3.30	0.62
		1203	29.15	5.29	0.05	1.88	3.46	2.50	-1.18	-5.00	-1.32	-4.86	0.73
1013	4	1184	17.71	13.19	-1.88	3.56	7.75	7.23	1.17	0.58	0.58	1.16	-0.02



		1185	20.94	16.76	-1.14	6.97	8.66	8.91	1.21	0.89	0.89	1.21	-0.03
		1204	11.99	12.29	2.02	7.24	7.07	5.14	0.45	-0.21	0.45	-0.21	-0.06
		1203	10.25	9.27	0.87	3.73	6.42	3.98	0.17	-0.26	0.16	-0.25	-0.06
1014	1	1185	88.07	31.04	-7.82	17.97	5.26	18.36	-2.32	-13.35	-2.58	-13.10	-1.67
		1186	68.98	41.75	-6.33	30.92	4.49	20.08	2.13	-6.93	1.81	-6.61	-1.67
		1205	66.61	31.36	1.82	30.05	3.13	6.07	1.19	-6.71	0.78	-6.31	1.74
		1204	73.60	18.53	2.13	16.57	4.10	5.32	-1.01	-11.52	-1.47	-11.07	2.14
1014	2	1185	54.38	43.17	-3.37	18.67	21.14	23.24	3.28	2.32	2.32	3.28	-0.07
		1186	66.79	54.72	-1.55	29.57	23.60	27.98	3.54	3.28	3.40	3.42	-0.13
		1205	45.25	41.83	7.37	30.20	19.00	16.29	2.01	-0.50	1.99	-0.48	-0.19
		1204	30.84	31.09	5.43	19.34	17.18	12.78	1.23	-0.72	1.22	-0.71	-0.16
1014	3	1185	28.95	13.04	-2.32	6.80	3.91	7.54	-0.51	-3.72	-0.59	-3.64	-0.50
		1186	23.40	16.94	-1.56	11.44	3.94	8.46	0.89	-1.81	0.79	-1.71	-0.50
		1205	21.97	12.48	1.86	11.21	3.13	3.45	0.50	-1.96	0.40	-1.86	0.50
		1204	22.30	8.14	1.50	6.42	3.22	2.91	-0.20	-3.41	-0.33	-3.28	0.62
1014	4	1185	20.98	16.83	-1.21	7.01	8.62	8.99	1.21	0.86	0.86	1.21	-0.03
		1186	25.54	21.14	-0.50	11.04	9.60	10.80	1.31	1.21	1.26	1.26	-0.05
		1205	17.26	16.24	2.84	11.25	7.83	6.48	0.76	-0.14	0.76	-0.13	-0.07
		1204	12.01	12.29	2.05	7.24	7.10	5.12	0.47	-0.22	0.47	-0.21	-0.06
1015	1	1186	66.09	42.42	-6.02	31.43	4.97	20.29	0.10	-7.46	-0.21	-7.15	-1.50
		1187	87.32	54.87	-6.22	46.26	2.39	21.25	6.32	-1.61	5.98	-1.28	-1.59
		1206	70.30	43.76	3.02	42.70	4.08	6.47	3.62	-2.03	3.30	-1.70	1.31
		1205	70.94	31.50	1.20	30.08	2.62	6.41	2.11	-6.48	1.72	-6.09	1.79
1015	2	1186	67.09	55.34	-2.02	29.80	23.52	28.50	3.54	3.13	3.18	3.50	-0.13
		1187	79.77	67.60	0.57	42.96	25.21	32.32	4.52	2.96	4.40	3.08	-0.41
		1206	60.74	53.79	9.25	41.21	21.83	20.05	3.06	0.55	3.03	0.58	-0.26
		1205	45.73	41.93	7.43	30.38	18.98	16.29	2.03	-0.67	2.01	-0.66	-0.17
1015	3	1186	23.78	17.20	-1.52	11.60	4.07	8.57	0.27	-1.96	0.17	-1.87	-0.45
		1187	30.30	21.62	-1.15	16.97	3.50	9.18	2.21	-0.26	2.10	-0.15	-0.50
		1206	24.90	16.92	2.53	15.77	3.68	3.91	1.30	-0.49	1.22	-0.41	0.37
		1205	23.41	12.55	1.67	11.23	2.98	3.55	0.78	-1.91	0.67	-1.81	0.52
1015	4	1186	25.69	21.37	-0.69	11.12	9.56	11.00	1.31	1.16	1.18	1.29	-0.05
		1187	30.26	25.91	0.34	15.99	10.26	12.46	1.68	1.10	1.63	1.14	-0.15
		1206	23.07	20.68	3.59	15.33	8.94	7.93	1.15	0.25	1.14	0.26	-0.09
		1205	17.40	16.28	2.87	11.32	7.83	6.47	0.77	-0.20	0.76	-0.20	-0.06
1016	1	1187	72.06	63.24	-4.11	54.72	4.42	22.39	1.60	-3.09	1.13	-2.62	-1.41
		197	123.63	60.98	-4.05	59.57	-2.64	9.47	12.34	3.99	12.23	4.10	-0.94
		234	89.17	51.61	3.67	48.73	6.55	11.39	7.38	1.91	7.21	2.08	0.95
		1206	78.80	40.61	2.12	39.60	3.14	6.16	5.91	-1.24	5.61	-0.94	1.43
1016	2	1187	80.71	71.37	-1.80	44.44	25.14	35.29	4.11	2.39	3.87	2.62	-0.59
		197	105.26	78.69	9.12	66.83	20.98	26.16	6.79	3.01	6.78	3.01	0.15
		234	88.72	58.95	10.21	40.93	28.22	23.53	8.68	2.56	8.66	2.58	-0.33
		1206	56.77	53.45	10.56	41.94	22.07	19.01	2.77	0.75	2.60	0.91	-0.56
1016	3	1187	26.10	24.31	-0.63	19.59	4.09	9.77	0.79	-0.73	0.64	-0.57	-0.46
		197	43.71	23.96	0.45	22.71	1.69	5.26	4.17	1.47	4.14	1.49	-0.26
		234	32.86	19.69	2.79	17.51	4.97	5.66	2.79	0.76	2.76	0.79	0.25
		1206	27.21	16.01	2.32	14.91	3.42	3.73	1.96	-0.23	1.89	-0.16	0.39
1016	4	1187	30.73	27.34	-0.57	16.54	10.23	13.59	1.53	0.90	1.45	0.98	-0.21
		197	39.44	29.80	3.76	24.87	8.69	10.20	2.53	1.17	2.53	1.17	0.06
		234	33.20	22.75	3.84	15.20	11.39	9.26	3.20	0.93	3.19	0.94	-0.12
		1206	21.68	20.53	4.09	15.60	9.03	7.53	1.06	0.33	1.00	0.39	-0.20
1017	1	136	100.61	53.45	4.65	52.09	6.01	-8.02	9.56	3.29	9.14	3.72	-1.58
		1188	84.55	44.55	0.41	42.36	2.61	-9.59	5.70	-1.84	5.38	-1.52	-1.52
		1207	77.06	53.50	-0.71	52.33	0.45	7.86	3.83	-5.54	0.13	-1.85	-4.58
		98	135.50	60.08	-9.52	58.82	-8.26	-9.26	13.03	2.20	12.24	2.99	-2.81
1017	2	136	96.71	61.24	6.76	40.58	27.42	-26.43	9.99	5.60	9.94	5.65	0.45
		1188	61.28	56.02	8.48	42.06	22.43	-21.65	1.92	0.29	1.88	0.33	-0.26
		1207	54.37	44.90	14.59	43.16	16.32	-7.04	2.87	1.20	2.86	1.21	-0.13
		98	105.18	74.24	5.54	66.57	13.21	-21.63	6.10	-0.59	6.10	-0.59	0.11
1017	3	136	36.74	20.03	3.17	18.47	4.73	-4.89	3.55	1.48	3.46	1.57	-0.43
		1188	29.06	17.46	1.57	15.73	3.30	-4.95	1.85	-0.48	1.75	-0.39	-0.47
		1207	23.77	18.85	2.05	18.75	2.15	1.29	1.30	-1.52	0.25	-0.47	-1.36
		98	48.07	23.44	-1.60	22.45	-0.60	-4.89	4.28	0.62	4.08	0.82	-0.83
1017	4	136	36.45	23.60	2.53	15.06	11.07	-10.34	3.72	2.13	3.70	2.15	0.17
		1188	23.35	21.52	3.30	15.65	9.17	-8.52	0.73	0.15	0.71	0.16	-0.09
		1207	20.30	16.99	5.89	16.03	6.85	-3.12	1.06	0.43	1.05	0.43	-0.04
		98	39.11	28.03	2.47	24.74	5.76	-8.56	2.26	-0.24	2.26	-0.24	0.04
1018	1	1188	79.51	47.14	1.54	45.10	3.57	-9.42	4.08	-2.67	3.46	-2.05	-1.94
		1189	76.73	32.18	0.72	30.66	2.24	-6.74	1.86	-7.66	1.36	-7.15	-2.14
		1208	73.29	30.37	-0.33	27.50	2.54	8.93	2.78	-7.98	-0.42	-4.78	-4.92
		1207	88.02	45.33	-2.93	44.20	-1.80	7.29	8.01	-2.91	5.71	-0.61	-4.45
1018	2	1188	65.21	55.09	8.38	41.46	22.01	-21.23	3.11	0.28	3.09	0.30	-0.20
		1189	45.49	41.65	7.35	30.23	18.76	-16.16	2.04	-0.57	2.03	-0.56	0.17
		1208	42.05	29.77	14.76	28.25	16.27	-4.52	3.31	2.77	3.01	3.07	0.27
		1207	59.69	43.76	13.66	41.76	15.65	-7.49	4.35	2.19	4.32	2.23	0.26
1018	3	1188	28.10	18.13	1.92	16.50	3.55	-4.87	1.45	-0.72	1.28	-0.54	-0.59
		1189	24.97	12.73	1.51	11.39	2.85	-3.64	0.71	-2.25	0.57	-2.11	-0.62



		1208	20.62	10.72	2.28	10.29	2.71	1.86	1.03	-2.13	0.10	-1.20	-1.44
		1207	30.00	16.32	1.34	16.24	1.42	1.11	2.64	-0.66	2.01	-0.03	-1.30
1018	4	1188	24.75	21.18	3.26	15.42	9.01	-8.37	1.17	0.15	1.17	0.15	-0.08
		1189	17.32	16.17	2.84	11.26	7.75	-6.43	0.77	-0.16	0.77	-0.16	0.06
		1208	15.92	11.48	5.81	10.51	6.78	-2.13	1.22	1.02	1.11	1.13	0.10
		1207	22.25	16.58	5.53	15.52	6.60	-3.27	1.61	0.80	1.60	0.81	0.10
1019	1	1189	74.05	32.37	1.06	30.60	2.83	-7.23	1.03	-7.99	0.43	-7.39	-2.24
		1190	83.00	17.78	1.26	14.90	4.14	-6.27	-1.70	-13.51	-2.30	-12.91	-2.60
		1209	85.04	17.79	-1.90	11.83	4.06	9.05	1.20	-11.19	-2.04	-7.94	-5.45
		1208	72.29	29.92	-1.09	27.02	1.80	9.03	4.62	-7.13	1.72	-4.23	-5.07
1019	2	1189	46.04	42.13	7.32	30.30	19.14	-16.49	2.00	-0.56	2.00	-0.55	0.11
		1190	30.62	30.96	5.37	19.27	17.06	-12.74	1.25	-0.71	1.23	-0.70	0.19
		1209	31.71	18.42	13.16	16.74	14.84	-2.45	3.12	2.14	2.22	3.04	0.28
		1208	42.89	29.19	14.32	27.92	15.59	-4.15	3.53	2.89	3.32	3.11	0.30
1019	3	1189	24.19	12.86	1.58	11.38	3.06	-3.81	0.46	-2.35	0.29	-2.18	-0.66
		1190	24.97	8.03	1.11	5.92	3.22	-3.19	-0.41	-4.00	-0.57	-3.83	-0.76
		1209	24.39	6.18	1.60	4.80	2.98	2.10	0.52	-3.09	-0.44	-2.13	-1.59
		1208	20.69	10.58	1.98	10.12	2.43	1.92	1.59	-1.87	0.75	-1.03	-1.48
1019	4	1189	17.56	16.36	2.82	11.29	7.89	-6.55	0.76	-0.16	0.76	-0.16	0.04
		1190	11.97	12.24	2.02	7.21	7.05	-5.11	0.48	-0.22	0.47	-0.21	0.07
		1209	12.18	7.52	4.91	6.26	6.17	-1.30	1.15	0.79	0.82	1.12	0.10
		1208	16.18	11.23	5.68	10.39	6.51	-1.98	1.31	1.06	1.23	1.14	0.11
1020	1	1190	82.51	17.99	1.33	15.06	4.26	-6.35	-2.01	-13.59	-2.63	-12.97	-2.60
		1191	108.62	9.68	-3.99	-0.39	6.08	-6.02	-5.28	-19.61	-5.93	-18.95	-2.99
		1210	101.24	11.71	-8.69	-2.99	6.00	9.16	-0.89	-14.64	-4.29	-11.23	-5.94
		1209	85.77	17.61	-2.14	11.58	3.89	9.10	1.82	-11.01	-1.38	-7.80	-5.55
1020	2	1190	30.66	31.17	5.39	19.37	17.19	-12.84	1.18	-0.72	1.16	-0.70	0.17
		1191	25.85	22.88	2.40	9.80	15.48	-9.84	0.42	-0.83	0.40	-0.81	0.16
		1210	26.96	13.84	6.93	7.10	13.68	-1.04	2.95	1.41	1.45	2.91	0.25
		1209	31.78	18.06	13.13	16.58	14.61	-2.26	3.14	2.23	2.32	3.05	0.28
1020	3	1190	24.81	8.11	1.13	5.97	3.27	-3.22	-0.51	-4.02	-0.68	-3.85	-0.76
		1191	33.53	5.35	-1.04	0.70	3.61	-2.84	-1.53	-5.81	-1.71	-5.63	-0.87
		1210	29.53	4.50	-1.40	-0.30	3.40	2.30	-0.15	-4.14	-1.17	-3.12	-1.74
		1209	24.60	6.13	1.49	4.71	2.91	2.14	0.70	-3.04	-0.24	-2.09	-1.62
1020	4	1190	12.01	12.32	2.03	7.25	7.10	-5.15	0.45	-0.22	0.45	-0.21	0.06
		1191	10.23	9.25	0.86	3.71	6.40	-3.97	0.17	-0.26	0.16	-0.25	0.06
		1210	10.48	5.84	2.52	2.69	5.67	-0.73	1.09	0.52	0.53	1.07	0.09
		1209	12.19	7.37	4.91	6.19	6.08	-1.23	1.16	0.82	0.86	1.12	0.10
1021	1	1191	108.64	9.79	-3.85	-0.19	6.13	-6.05	-5.35	-19.63	-6.01	-18.97	-3.00
		1192	146.21	9.64	-17.37	-15.90	8.17	-6.12	-8.93	-26.06	-9.60	-25.39	-3.31
		1211	118.04	11.17	-21.07	-17.88	7.97	9.63	-3.08	-17.82	-6.65	-14.25	-6.31
		1210	101.50	11.61	-8.90	-3.20	5.91	9.18	-0.72	-14.60	-4.13	-11.19	-5.97
1021	2	1191	25.96	22.99	2.43	9.88	15.54	-9.88	0.40	-0.83	0.38	-0.81	0.17
		1192	22.96	17.59	-1.64	1.86	14.09	-7.42	-0.26	-0.93	-0.29	-0.90	0.14
		1211	27.88	12.70	-0.96	-0.96	12.70	-0.15	2.82	0.75	0.77	2.79	0.22
		1210	26.89	13.70	6.84	6.97	13.57	-0.95	2.95	1.43	1.48	2.91	0.25
1021	3	1191	33.54	5.39	-1.00	0.76	3.63	-2.85	-1.55	-5.82	-1.74	-5.63	-0.88
		1192	44.71	4.81	-5.23	-4.48	4.06	-2.64	-2.66	-7.73	-2.85	-7.54	-0.97
		1211	34.77	4.51	-5.97	-5.30	3.84	2.56	-0.84	-5.10	-1.91	-4.02	-1.85
		1210	29.62	4.47	-1.48	-0.37	3.36	2.31	-0.10	-4.12	-1.11	-3.11	-1.75
1021	4	1191	10.27	9.29	0.87	3.74	6.42	-3.99	0.16	-0.26	0.15	-0.25	0.06
		1192	9.04	7.23	-0.63	0.78	5.81	-3.02	-0.08	-0.30	-0.09	-0.28	0.05
		1211	10.79	5.26	-0.31	-0.29	5.24	-0.34	1.04	0.27	0.28	1.03	0.08
		1210	10.45	5.78	2.49	2.64	5.63	-0.69	1.09	0.53	0.55	1.07	0.09
1022	1	1192	146.27	9.70	-17.20	-15.71	8.21	-6.16	-8.84	-26.06	-9.53	-25.36	-3.38
		1193	187.42	11.35	-33.60	-32.68	10.43	-6.37	-12.59	-32.97	-13.21	-32.35	-3.50
		1212	135.56	12.28	-35.93	-33.41	9.75	10.74	-4.92	-20.65	-8.77	-16.81	-6.76
		1211	117.49	11.12	-21.26	-18.07	7.93	9.65	-3.20	-17.78	-6.74	-14.24	-6.25
1022	2	1192	23.04	17.65	-1.60	1.92	14.12	-7.45	-0.26	-0.93	-0.30	-0.90	0.15
		1193	21.32	14.46	-6.12	-4.57	12.91	-5.43	-0.78	-1.04	-0.85	-0.97	0.12
		1212	31.76	11.88	-7.48	-7.47	11.88	0.35	2.72	0.20	0.21	2.70	0.18
		1211	27.85	12.63	-1.05	-1.05	12.63	-0.10	2.82	0.75	0.78	2.79	0.22
1022	3	1192	44.72	4.83	-5.18	-4.42	4.08	-2.65	-2.63	-7.73	-2.83	-7.53	-0.99
		1193	56.96	5.01	-10.34	-9.92	4.59	-2.51	-3.78	-9.79	-3.96	-9.61	-1.03
		1212	40.14	4.84	-10.97	-10.38	4.25	2.99	-1.41	-5.96	-2.58	-4.78	-1.99
		1211	34.61	4.49	-6.04	-5.37	3.82	2.57	-0.87	-5.09	-1.94	-4.02	-1.84
1022	4	1192	9.07	7.25	-0.62	0.81	5.83	-3.03	-0.08	-0.30	-0.10	-0.28	0.06
		1193	8.29	5.98	-2.25	-1.59	5.32	-2.23	-0.26	-0.35	-0.30	-0.31	0.04
		1212	12.15	4.88	-2.70	-2.70	4.88	-0.10	1.00	0.07	0.08	1.00	0.07
		1211	10.77	5.23	-0.34	-0.32	5.22	-0.32	1.04	0.28	0.29	1.03	0.08
1023	1	1193	186.82	11.46	-33.53	-32.58	10.52	-6.46	-12.03	-32.74	-12.74	-32.03	-3.77
		1194	241.70	13.02	-52.26	-51.66	12.42	-6.22	-15.68	-41.72	-16.19	-41.21	-3.60
		1213	158.28	13.53	-52.62	-50.11	11.01	12.65	-4.86	-23.33	-9.94	-18.26	-8.25
		1212	133.32	12.35	-36.11	-33.55	9.79	10.85	-5.80	-20.72	-9.55	-16.97	-6.47
1023	2	1193	21.37	14.49	-6.09	-4.53	12.93	-5.45	-0.77	-1.05	-0.85	-0.97	0.13
		1194	21.51	12.63	-10.19	-9.54	11.99	-3.78	-0.99	-1.31	-1.28	-1.02	0.09
		1213	36.09	11.23	-12.51	-12.49	11.22	0.53	2.64	-0.24	-0.23	2.63	0.14



		1212	31.77	11.84	-7.55	-7.55	11.83	0.37	2.72	0.20	0.21	2.70	0.19
1023	3	1193	56.76	5.04	-10.32	-9.89	4.61	-2.53	-3.62	-9.72	-3.82	-9.51	-1.11
		1194	73.08	5.31	-16.15	-15.90	5.06	-2.28	-4.73	-12.39	-4.88	-12.24	-1.06
		1213	47.00	5.16	-16.33	-15.70	4.53	3.62	-1.41	-6.77	-2.96	-5.22	-2.43
		1212	39.47	4.86	-11.02	-10.43	4.26	3.02	-1.67	-5.98	-2.82	-4.83	-1.90
1023	4	1193	8.31	5.99	-2.23	-1.57	5.33	-2.23	-0.26	-0.35	-0.30	-0.31	0.05
		1194	8.41	5.21	-3.71	-3.42	4.93	-1.56	-0.32	-0.47	-0.46	-0.33	0.03
		1213	13.69	4.59	-4.55	-4.55	4.59	0.03	0.97	-0.09	-0.09	0.97	0.05
		1212	12.15	4.86	-2.73	-2.72	4.86	-0.08	1.00	0.07	0.08	1.00	0.07
1024	1	1194	237.30	13.40	-52.64	-52.02	12.78	-6.37	-12.29	-39.74	-13.06	-38.97	-4.54
		1195	365.45	12.07	-71.73	-71.43	11.77	-5.01	-19.71	-62.84	-20.26	-62.29	-4.85
		1214	193.03	14.11	-71.11	-68.86	11.86	13.67	4.39	-23.39	-7.13	-11.87	-13.68
		1213	155.58	13.72	-52.86	-50.14	11.00	13.19	-8.46	-24.85	-13.39	-19.92	-7.52
1024	2	1194	21.48	12.65	-10.16	-9.51	12.00	-3.79	-0.99	-1.31	-1.28	-1.02	0.10
		1195	25.67	11.55	-13.30	-13.07	11.32	-2.38	-1.05	-1.59	-1.58	-1.06	0.06
		1214	39.65	10.75	-16.07	-16.06	10.75	0.48	2.59	-0.55	-0.54	2.58	0.09
		1213	36.11	11.21	-12.56	-12.55	11.19	0.54	2.64	-0.24	-0.23	2.63	0.14
1024	3	1194	71.75	5.42	-16.26	-16.01	5.17	-2.33	-3.72	-11.80	-3.95	-11.57	-1.34
		1195	109.76	4.90	-22.13	-22.02	4.78	-1.77	-5.94	-18.65	-6.11	-18.49	-1.43
		1214	57.36	5.30	-22.10	-21.52	4.71	3.97	1.35	-6.83	-2.16	-3.33	-4.05
		1213	46.14	5.21	-16.40	-15.71	4.52	3.78	-2.47	-7.23	-3.99	-5.71	-2.22
1024	4	1194	8.40	5.22	-3.70	-3.41	4.94	-1.57	-0.32	-0.47	-0.46	-0.33	0.04
		1195	9.83	4.75	-4.83	-4.73	4.65	-0.99	-0.34	-0.58	-0.57	-0.34	0.02
		1214	14.97	4.38	-5.87	-5.87	4.38	0.07	0.95	-0.20	-0.20	0.95	0.03
		1213	13.70	4.58	-4.57	-4.57	4.58	0.03	0.97	-0.09	-0.09	0.97	0.05
1025	1	1195	405.47	12.00	-71.77	-71.47	11.71	-4.98	4.54	-56.64	3.16	-55.26	-9.08
		1196	764.78	7.56	-84.45	-84.39	7.50	-2.32	-87.16	-143.96	-88.45	-142.67	-8.47
		1215	274.36	12.63	-87.53	-86.94	12.04	7.67	37.72	-0.71	3.95	33.06	-12.54
		1214	227.19	13.45	-72.67	-70.34	11.12	13.97	0.64	-34.02	-16.73	-16.65	-17.33
1025	2	1195	25.65	11.56	-13.29	-13.05	11.33	-2.39	-1.05	-1.59	-1.58	-1.06	0.07
		1196	28.32	10.97	-15.23	-15.18	10.92	-1.15	-1.08	-1.77	-1.77	-1.08	0.03
		1215	41.92	10.46	-18.20	-18.19	10.46	0.27	2.55	-0.73	-0.73	2.55	0.04
		1214	39.67	10.74	-16.11	-16.10	10.73	0.48	2.59	-0.55	-0.54	2.58	0.10
1025	3	1195	121.58	4.88	-22.14	-22.03	4.76	-1.76	1.24	-16.81	0.83	-16.40	-2.69
		1196	226.32	3.49	-26.03	-26.01	3.46	-0.82	-25.94	-42.69	-26.32	-42.30	-2.51
		1215	84.30	4.88	-27.19	-27.03	4.72	2.24	11.33	-0.23	1.11	9.98	-3.71
		1214	67.26	5.10	-22.57	-21.96	4.49	4.06	0.26	-10.00	-5.00	-4.75	-5.13
1025	4	1195	9.82	4.75	-4.82	-4.72	4.65	-0.99	-0.34	-0.58	-0.57	-0.34	0.03
		1196	10.76	4.50	-5.53	-5.50	4.48	-0.48	-0.35	-0.64	-0.64	-0.35	0.01
		1215	15.79	4.25	-6.66	-6.66	4.25	0.05	0.94	-0.27	-0.27	0.94	0.02
		1214	14.98	4.37	-5.89	-5.89	4.37	0.07	0.95	-0.20	-0.20	0.95	0.04
1026	1	1196	727.27	7.18	-84.10	-84.06	7.14	-1.86	-67.75	-137.61	-67.77	-137.59	-1.20
		1197	728.91	7.22	-84.76	-84.74	7.20	1.38	-67.93	-137.90	-67.94	-137.89	0.98
		1216	273.50	11.72	-89.36	-89.08	11.44	-5.29	31.97	-5.45	-3.01	29.53	9.24
		1215	275.08	11.74	-88.82	-88.45	11.36	6.14	32.50	-5.58	-2.86	29.78	-9.81
1026	2	1196	28.31	10.97	-15.22	-15.17	10.92	-1.16	-1.08	-1.77	-1.77	-1.08	0.04
		1197	29.22	10.79	-15.88	-15.88	10.79	5.27e-03	-1.09	-1.83	-1.83	-1.09	-4.15e-03
		1216	42.70	10.36	-18.91	-18.91	10.36	-1.62e-03	2.54	-0.79	-0.79	2.54	-4.11e-03
		1215	41.93	10.45	-18.22	-18.21	10.45	0.28	2.56	-0.73	-0.73	2.55	0.05
1026	3	1196	216.84	3.37	-25.93	-25.91	3.36	-0.69	-20.19	-40.80	-20.20	-40.80	-0.35
		1197	217.32	3.36	-26.17	-26.16	3.36	0.41	-20.25	-40.89	-20.25	-40.89	0.29
		1216	84.28	4.60	-27.79	-27.72	4.53	-1.57	9.64	-1.66	-0.95	8.93	2.74
		1215	84.69	4.62	-27.58	-27.48	4.52	1.79	9.80	-1.69	-0.90	9.01	-2.90
1026	4	1196	10.75	4.50	-5.52	-5.50	4.48	-0.48	-0.35	-0.64	-0.64	-0.35	0.01
		1197	11.07	4.42	-5.76	-5.76	4.42	1.98e-03	-0.35	-0.66	-0.66	-0.35	-1.36e-03
		1216	16.07	4.21	-6.92	-6.92	4.21	-6.47e-04	0.94	-0.30	-0.30	0.94	-1.35e-03
		1215	15.79	4.25	-6.67	-6.67	4.25	0.05	0.94	-0.27	-0.27	0.94	0.02
1027	1	1197	766.06	7.60	-85.08	-85.04	7.56	1.84	-87.40	-144.20	-88.62	-142.97	8.25
		1198	409.80	12.12	-73.73	-73.50	11.89	4.44	3.95	-57.46	2.64	-56.15	8.87
		1217	222.66	13.37	-74.31	-72.30	11.36	-13.12	-0.53	-34.06	-17.19	-17.40	16.76
		1216	272.17	12.58	-88.06	-87.60	12.11	-6.82	37.11	-0.50	3.80	32.81	11.96
1027	2	1197	29.22	10.79	-15.88	-15.88	10.79	-5.28e-03	-1.09	-1.83	-1.83	-1.09	4.15e-03
		1198	28.31	10.97	-15.22	-15.17	10.92	1.16	-1.08	-1.77	-1.77	-1.08	-0.04
		1217	41.93	10.45	-18.22	-18.21	10.45	-0.28	2.56	-0.73	-0.73	2.55	-0.05
		1216	42.70	10.36	-18.91	-18.91	10.36	1.62e-03	2.54	-0.79	-0.79	2.54	4.11e-03
1027	3	1197	226.71	3.48	-26.26	-26.25	3.47	0.54	-26.01	-42.76	-26.38	-42.39	2.45
		1198	122.93	4.84	-22.86	-22.78	4.77	1.46	1.05	-17.06	0.67	-16.67	2.62
		1217	66.02	5.05	-23.23	-22.69	4.52	-3.85	-0.10	-10.02	-5.15	-4.97	4.96
		1216	83.71	4.85	-27.40	-27.28	4.73	-2.02	11.15	-0.18	1.06	9.91	3.55
1027	4	1197	11.07	4.42	-5.76	-5.76	4.42	-1.98e-03	-0.35	-0.66	-0.66	-0.35	1.36e-03
		1198	10.75	4.50	-5.52	-5.50	4.48	0.48	-0.35	-0.64	-0.64	-0.35	-0.01
		1217	15.79	4.25	-6.67	-6.67	4.25	-0.05	0.94	-0.27	-0.27	0.94	-0.02
		1216	16.07	4.21	-6.92	-6.92	4.21	6.46e-04	0.94	-0.30	-0.30	0.94	1.35e-03
1028	1	1198	370.34	12.19	-73.67	-73.44	11.96	4.47	-20.27	-63.68	-20.77	-63.18	4.64
		1199	245.44	13.59	-55.95	-55.47	13.12	5.72	-13.23	-41.12	-13.92	-40.43	4.33
		1218	156.86	13.69	-55.74	-53.47	11.41	-12.35	-9.85	-25.47	-14.16	-21.16	6.98
		1217	189.00	14.03	-72.77	-70.83	12.09	-12.82	3.26	-23.47	-7.59	-12.62	13.12



1028	2	1198	28.32	10.97	-15.23	-15.18	10.92	1.15	-1.08	-1.77	-1.77	-1.08	-0.03
		1199	25.65	11.56	-13.29	-13.05	11.33	2.39	-1.05	-1.59	-1.58	-1.06	-0.07
		1218	39.67	10.74	-16.11	-16.10	10.73	-0.48	2.59	-0.55	-0.54	2.58	-0.10
		1217	41.92	10.46	-18.20	-18.19	10.46	-0.27	2.55	-0.73	-0.73	2.55	-0.04
1028	3	1198	111.23	4.86	-22.84	-22.77	4.79	1.46	-6.12	-18.90	-6.27	-18.75	1.37
		1199	74.19	5.35	-17.46	-17.29	5.18	1.98	-4.02	-12.21	-4.23	-12.01	1.28
		1218	46.62	5.16	-17.54	-16.96	4.58	-3.59	-2.90	-7.42	-4.24	-6.08	2.06
		1217	56.28	5.25	-22.77	-22.26	4.73	-3.76	1.01	-6.86	-2.30	-3.55	3.88
1028	4	1198	10.76	4.50	-5.53	-5.50	4.48	0.48	-0.35	-0.64	-0.64	-0.35	-0.01
		1199	9.82	4.75	-4.82	-4.72	4.65	0.99	-0.34	-0.58	-0.57	-0.34	-0.03
		1218	14.98	4.37	-5.89	-5.89	4.37	-0.07	0.95	-0.20	-0.20	0.95	-0.04
		1217	15.79	4.25	-6.66	-6.66	4.25	-0.05	0.94	-0.27	-0.27	0.94	-0.02
1029	1	1199	249.95	13.22	-55.55	-55.10	12.76	5.58	-16.61	-43.12	-17.05	-42.68	3.39
		1200	198.26	11.69	-38.25	-37.61	11.04	5.65	-13.32	-34.66	-13.94	-34.04	3.57
		1219	137.20	12.39	-40.35	-38.37	10.41	-10.02	-7.44	-21.84	-10.62	-18.66	5.97
		1218	159.16	13.51	-55.55	-53.46	11.42	-11.82	-6.22	-23.97	-10.70	-19.49	7.71
1029	2	1199	25.67	11.55	-13.30	-13.07	11.32	2.38	-1.05	-1.59	-1.58	-1.06	-0.06
		1200	21.48	12.65	-10.16	-9.51	12.00	3.79	-0.99	-1.31	-1.28	-1.02	-0.10
		1219	36.11	11.21	-12.56	-12.55	11.19	-0.54	2.64	-0.24	-0.23	2.63	-0.14
		1218	39.65	10.75	-16.07	-16.06	10.75	-0.48	2.59	-0.55	-0.54	2.58	-0.09
1029	3	1199	75.53	5.24	-17.34	-17.18	5.07	1.94	-5.02	-12.81	-5.15	-12.68	1.00
		1200	60.17	4.92	-12.01	-11.74	4.65	2.12	-4.03	-10.30	-4.21	-10.11	1.05
		1219	40.75	4.82	-12.70	-12.22	4.35	-2.84	-2.19	-6.32	-3.16	-5.34	1.76
		1218	47.38	5.11	-17.49	-16.95	4.58	-3.43	-1.83	-6.97	-3.21	-5.59	2.28
1029	4	1199	9.83	4.75	-4.83	-4.73	4.65	0.99	-0.34	-0.58	-0.57	-0.34	-0.02
		1200	8.40	5.22	-3.70	-3.41	4.94	1.57	-0.32	-0.47	-0.46	-0.33	-0.04
		1219	13.70	4.58	-4.57	-4.57	4.58	-0.03	0.97	-0.09	-0.09	0.97	-0.05
		1218	14.97	4.38	-5.87	-5.87	4.38	-0.07	0.95	-0.20	-0.20	0.95	-0.03
1030	1	1200	198.88	11.59	-38.31	-37.68	10.96	5.56	-13.88	-34.90	-14.41	-34.37	3.30
		1201	160.78	9.79	-23.32	-22.50	8.97	5.14	-10.47	-28.47	-11.06	-27.88	3.20
		1220	123.03	10.97	-26.73	-24.55	8.79	-8.80	-5.12	-19.35	-8.12	-16.35	5.80
		1219	139.33	12.31	-40.20	-38.25	10.36	-9.92	-6.54	-21.78	-9.82	-18.49	6.27
1030	2	1200	21.51	12.63	-10.19	-9.54	11.99	3.78	-0.99	-1.31	-1.28	-1.02	-0.09
		1201	21.37	14.49	-6.09	-4.53	12.93	5.45	-0.77	-1.05	-0.85	-0.97	-0.13
		1220	31.77	11.84	-7.55	-7.55	11.83	-0.37	2.72	0.20	0.21	2.70	-0.19
		1219	36.09	11.23	-12.51	-12.49	11.22	-0.53	2.64	-0.24	-0.23	2.63	-0.14
1030	3	1200	60.36	4.89	-12.02	-11.76	4.63	2.09	-4.19	-10.37	-4.35	-10.21	0.97
		1201	49.04	4.56	-7.30	-6.90	4.15	2.14	-3.15	-8.46	-3.33	-8.28	0.94
		1220	36.44	4.44	-8.24	-7.76	3.96	-2.41	-1.48	-5.57	-2.39	-4.65	1.71
		1219	41.40	4.80	-12.65	-12.18	4.34	-2.81	-1.92	-6.30	-2.93	-5.29	1.85
1030	4	1200	8.41	5.21	-3.71	-3.42	4.93	1.56	-0.32	-0.47	-0.46	-0.33	-0.03
		1201	8.31	5.99	-2.23	-1.57	5.33	2.23	-0.26	-0.35	-0.30	-0.31	-0.05
		1220	12.15	4.86	-2.73	-2.72	4.86	0.08	1.00	0.07	0.08	1.00	-0.07
		1219	13.69	4.59	-4.55	-4.55	4.59	-0.03	0.97	-0.09	-0.09	0.97	-0.05
1031	1	1201	160.72	9.75	-23.48	-22.67	8.94	5.11	-10.59	-28.48	-11.16	-27.91	3.13
		1202	125.98	8.48	-10.36	-9.06	7.18	4.78	-7.31	-22.49	-7.87	-21.93	2.85
		1221	107.89	10.19	-14.71	-11.57	7.06	-8.26	-2.92	-16.57	-5.82	-13.67	5.59
		1220	123.67	11.00	-26.57	-24.38	8.82	-8.79	-4.95	-19.38	-7.98	-16.35	5.87
1031	2	1201	21.32	14.46	-6.12	-4.57	12.91	5.43	-0.78	-1.04	-0.85	-0.97	-0.12
		1202	23.04	17.65	-1.60	1.92	14.12	7.45	-0.26	-0.93	-0.30	-0.90	-0.15
		1221	27.85	12.63	-1.05	-1.05	12.63	0.10	2.82	0.75	0.78	2.79	-0.22
		1220	31.76	11.88	-7.48	-7.47	11.88	-0.35	2.72	0.20	0.21	2.70	-0.18
1031	3	1201	49.03	4.54	-7.35	-6.95	4.15	2.13	-3.19	-8.46	-3.35	-8.29	0.92
		1202	38.70	4.49	-3.17	-2.45	3.77	2.24	-2.18	-6.68	-2.34	-6.52	0.83
		1221	31.78	4.18	-4.05	-3.44	3.57	-2.16	-0.79	-4.73	-1.67	-3.85	1.64
		1220	36.63	4.45	-8.18	-7.71	3.98	-2.41	-1.43	-5.57	-2.35	-4.65	1.73
1031	4	1201	8.29	5.98	-2.25	-1.59	5.32	2.23	-0.26	-0.35	-0.30	-0.31	-0.04
		1202	9.07	7.25	-0.62	0.81	5.83	3.03	-0.08	-0.30	-0.10	-0.28	-0.06
		1221	10.77	5.23	-0.34	-0.32	5.22	0.32	1.04	0.28	0.29	1.03	-0.08
		1220	12.15	4.88	-2.70	-2.70	4.88	0.10	1.00	0.07	0.08	1.00	-0.07
1032	1	1202	125.93	8.43	-10.51	-9.23	7.15	4.77	-7.31	-22.47	-7.86	-21.92	2.84
		1203	93.28	9.56	-0.21	3.75	5.60	4.80	-4.24	-16.81	-4.75	-16.30	2.49
		1222	91.70	11.51	-5.17	0.99	5.36	-8.05	-0.68	-13.37	-3.46	-10.58	5.25
		1221	107.89	10.27	-14.54	-11.39	7.13	-8.25	-2.94	-16.59	-5.85	-13.68	5.59
1032	2	1202	22.96	17.59	-1.64	1.86	14.09	7.42	-0.26	-0.93	-0.29	-0.90	-0.14
		1203	25.96	22.99	2.43	9.88	15.54	9.88	0.40	-0.83	0.38	-0.81	-0.17
		1222	26.89	13.70	6.84	6.97	13.57	0.95	2.95	1.43	1.48	2.91	-0.25
		1221	27.88	12.70	-0.96	-0.96	12.70	0.15	2.82	0.75	0.77	2.79	-0.22
1032	3	1202	38.69	4.47	-3.22	-2.50	3.76	2.23	-2.18	-6.67	-2.34	-6.51	0.83
		1203	29.00	5.30	0.10	1.93	3.47	2.48	-1.22	-4.99	-1.36	-4.84	0.72
		1222	26.74	4.33	-0.26	0.87	3.20	-1.98	-0.09	-3.76	-0.92	-2.93	1.54
		1221	31.78	4.20	-3.99	-3.38	3.59	-2.15	-0.80	-4.73	-1.68	-3.85	1.64
1032	4	1202	9.04	7.23	-0.63	0.78	5.81	3.02	-0.08	-0.30	-0.09	-0.28	-0.05
		1203	10.27	9.29	0.87	3.74	6.42	3.99	0.16	-0.26	0.15	-0.25	-0.06
		1222	10.45	5.78	2.49	2.64	5.63	0.69	1.09	0.53	0.55	1.07	-0.09
		1221	10.79	5.26	-0.31	-0.29	5.24	0.34	1.04	0.27	0.28	1.03	-0.08
1033	1	1203	93.27	9.44	-0.31	3.58	5.55	4.78	-4.14	-16.79	-4.66	-16.27	2.50



		1204	72.29	18.59	2.27	16.66	4.19	5.27	-1.36	-11.52	-1.82	-11.06	2.13
		1223	75.97	18.07	-0.72	13.64	3.71	-7.98	1.64	-9.86	-0.97	-7.25	4.82
		1222	91.35	11.62	-4.98	1.18	5.45	-8.02	-0.86	-13.39	-3.64	-10.61	5.21
1033	2	1203	25.85	22.88	2.40	9.80	15.48	9.84	0.42	-0.83	0.40	-0.81	-0.16
		1204	30.66	31.17	5.39	19.37	17.19	12.84	1.18	-0.72	1.16	-0.70	-0.17
		1223	31.78	18.06	13.13	16.58	14.61	2.26	3.14	2.23	2.32	3.05	-0.28
		1222	26.96	13.84	6.93	7.10	13.68	1.04	2.95	1.41	1.45	2.91	-0.25
1033	3	1203	28.99	5.26	0.07	1.87	3.45	2.47	-1.19	-4.98	-1.34	-4.83	0.73
		1204	21.87	8.16	1.54	6.45	3.25	2.90	-0.31	-3.41	-0.44	-3.28	0.62
		1223	21.73	6.27	1.90	5.32	2.85	-1.80	0.65	-2.70	-0.12	-1.93	1.41
		1222	26.63	4.36	-0.19	0.94	3.23	-1.96	-0.14	-3.77	-0.97	-2.94	1.52
1033	4	1203	10.23	9.25	0.86	3.71	6.40	3.97	0.17	-0.26	0.16	-0.25	-0.06
		1204	12.01	12.32	2.03	7.25	7.10	5.15	0.45	-0.22	0.45	-0.21	-0.06
		1223	12.19	7.37	4.91	6.19	6.08	1.23	1.16	0.82	0.86	1.12	-0.10
		1222	10.48	5.84	2.52	2.69	5.67	0.73	1.09	0.52	0.53	1.07	-0.09
1034	1	1204	72.90	18.41	2.20	16.52	4.09	5.20	-1.06	-11.45	-1.51	-11.00	2.13
		1205	66.80	31.42	1.77	30.01	3.18	6.32	1.24	-6.68	0.80	-6.24	1.81
		1224	62.68	29.24	-0.21	27.01	2.02	-7.79	4.19	-6.20	1.83	-3.85	4.35
		1223	75.35	18.23	-0.50	13.86	3.87	-7.92	1.07	-10.01	-1.57	-7.38	4.72
1034	2	1204	30.62	30.96	5.37	19.27	17.06	12.74	1.25	-0.71	1.23	-0.70	-0.19
		1205	46.04	42.13	7.32	30.30	19.14	16.49	2.00	-0.56	2.00	-0.55	-0.11
		1224	42.89	29.19	14.32	27.92	15.59	4.15	3.53	2.89	3.32	3.11	-0.30
		1223	31.71	18.42	13.16	16.74	14.84	2.45	3.12	2.14	2.22	3.04	-0.28
1034	3	1204	22.07	8.08	1.52	6.40	3.20	2.87	-0.22	-3.39	-0.34	-3.26	0.62
		1205	22.14	12.54	1.83	11.20	3.16	3.54	0.52	-1.96	0.40	-1.84	0.53
		1224	19.59	10.42	2.19	10.12	2.49	-1.56	1.46	-1.59	0.79	-0.92	1.26
		1223	21.55	6.32	2.00	5.40	2.92	-1.77	0.47	-2.74	-0.30	-1.97	1.38
1034	4	1204	11.97	12.24	2.02	7.21	7.05	5.11	0.48	-0.22	0.47	-0.21	-0.07
		1205	17.56	16.36	2.82	11.29	7.89	6.55	0.76	-0.16	0.76	-0.16	-0.04
		1224	16.18	11.23	5.68	10.39	6.51	1.98	1.31	1.06	1.23	1.14	-0.11
		1223	12.18	7.52	4.91	6.26	6.17	1.30	1.15	0.79	0.82	1.12	-0.10
1035	1	1205	69.55	31.25	1.44	30.05	2.64	5.86	2.02	-6.38	1.64	-6.01	1.73
		1206	73.04	44.36	2.26	42.52	4.10	8.60	3.84	-2.12	3.39	-1.67	1.58
		1225	81.83	42.86	-1.88	42.03	-1.05	-6.04	7.26	-2.34	5.41	-0.49	3.80
		1224	63.77	29.64	0.52	27.45	2.71	-7.68	2.49	-6.94	-0.10	-4.35	4.21
1035	2	1205	45.49	41.65	7.35	30.23	18.76	16.16	2.04	-0.57	2.03	-0.56	-0.17
		1206	65.21	55.09	8.38	41.46	22.01	21.23	3.11	0.28	3.09	0.30	0.20
		1225	59.69	43.76	13.66	41.76	15.65	7.49	4.35	2.19	4.32	2.23	-0.26
		1224	42.05	29.77	14.76	28.25	16.27	4.52	3.31	2.77	3.01	3.07	-0.27
1035	3	1205	22.93	12.42	1.76	11.21	2.97	3.38	0.75	-1.87	0.65	-1.77	0.50
		1206	26.20	17.31	2.13	15.74	3.71	4.62	1.38	-0.56	1.25	-0.43	0.48
		1225	28.20	15.64	1.61	15.60	1.65	-0.74	2.42	-0.49	1.92	9.55e-03	1.10
		1224	17.85	10.56	2.47	10.28	2.76	-1.49	0.94	-1.82	0.19	-1.07	1.23
1035	4	1205	17.32	16.17	2.84	11.26	7.75	6.43	0.77	-0.16	0.77	-0.16	-0.06
		1206	24.75	21.18	3.26	15.42	9.01	8.37	1.17	0.15	1.17	0.15	0.08
		1225	22.25	16.58	5.53	15.52	6.60	3.27	1.61	0.80	1.60	0.81	-0.10
		1224	15.92	11.48	5.81	10.51	6.78	2.13	1.22	1.02	1.11	1.13	-0.10
1036	1	1206	77.85	41.90	1.27	39.93	3.24	8.73	5.35	-1.43	5.13	-1.21	1.20
		234	91.17	49.77	4.99	48.46	6.30	7.56	8.48	3.01	8.14	3.35	1.31
		196	124.30	55.96	-7.86	54.65	-6.56	9.03	11.86	2.07	11.21	2.72	2.45
		1225	66.96	50.39	0.16	49.55	1.01	-6.46	3.43	-4.59	0.42	-1.59	3.88
1036	2	1206	61.28	56.02	8.48	42.06	22.43	21.65	1.92	0.29	1.88	0.33	0.26
		234	96.71	61.24	6.76	40.58	27.42	26.43	9.99	5.60	9.94	5.65	-0.45
		196	105.18	74.24	5.54	66.57	13.21	21.63	6.10	-0.59	6.10	-0.59	-0.11
		1225	54.37	44.90	14.59	43.16	16.32	7.04	2.87	1.20	2.86	1.21	0.13
1036	3	1206	27.07	16.68	1.82	15.02	3.49	4.69	1.74	-0.36	1.68	-0.30	0.37
		234	33.97	18.99	3.22	17.39	4.82	4.75	3.23	1.39	3.16	1.46	0.35
		196	44.75	22.25	-1.14	21.21	-0.10	4.82	3.94	0.58	3.78	0.74	0.72
		1225	22.52	17.97	2.27	17.92	2.32	-0.88	1.18	-1.24	0.33	-0.39	1.16
1036	4	1206	23.35	21.52	3.30	15.65	9.17	8.52	0.73	0.15	0.71	0.16	0.09
		234	36.45	23.60	2.53	15.06	11.07	10.34	3.72	2.13	3.70	2.15	-0.17
		196	39.11	28.03	2.47	24.74	5.76	8.56	2.26	-0.24	2.26	-0.24	-0.04
		1225	20.30	16.99	5.89	16.03	6.85	3.12	1.06	0.43	1.05	0.43	0.04
1037	1	98	131.93	63.82	-11.03	60.38	-7.58	-15.68	11.23	1.57	10.63	2.17	-2.33
		1207	117.89	65.30	-12.03	52.58	0.69	-28.67	3.53	-6.43	0.25	-3.15	-4.68
		1226	89.02	34.29	-2.66	29.79	1.84	-12.08	7.99	-2.31	4.51	1.17	-4.87
		150	91.12	44.52	-1.31	39.98	3.23	-13.70	7.37	-2.04	3.66	1.67	-4.60
1037	2	98	104.03	74.49	2.42	65.99	10.92	-23.25	6.81	2.78	6.81	2.78	0.04
		1207	74.64	65.22	-5.91	43.16	16.15	-32.90	4.17	2.07	3.75	2.48	0.83
		1226	52.75	47.83	5.96	40.04	13.75	-16.29	2.77	0.45	2.50	0.72	0.74
		150	85.64	51.72	6.44	39.41	18.74	-20.15	8.82	2.58	8.77	2.62	0.55
1037	3	98	46.78	24.74	-2.51	22.85	-0.62	-6.92	3.83	0.74	3.67	0.91	-0.69
		1207	40.37	24.70	-3.67	18.82	2.21	-11.50	1.25	-1.62	0.37	-0.74	-1.33
		1226	30.47	14.22	-0.07	11.83	2.31	-5.33	2.50	-0.49	1.56	0.45	-1.39
		150	33.05	17.42	0.54	14.77	3.19	-6.13	2.61	-0.22	1.72	0.67	-1.32
1037	4	98	38.81	28.12	1.26	24.52	4.86	-9.16	2.54	1.09	2.54	1.09	9.48e-03
		1207	28.39	24.98	-2.16	16.03	6.79	-12.76	1.56	0.78	1.40	0.93	0.31



		1226	19.99	18.33	2.38	14.87	5.84	-6.58	1.06	0.22	0.96	0.32	0.27
		150	31.90	19.93	2.46	14.61	7.78	-8.05	3.25	0.94	3.23	0.95	0.21
1038	1	1207	122.44	57.72	-15.14	44.33	-1.76	-28.21	7.53	-2.89	5.50	-0.86	-4.13
		1208	113.24	47.09	-17.06	27.59	2.45	-29.51	3.17	-7.93	-0.27	-4.49	-5.13
		1227	93.86	28.60	-5.94	20.41	2.25	-14.69	6.98	-5.31	1.97	-0.31	-6.04
1038	2	1226	85.07	37.57	-1.48	33.30	2.79	-12.18	6.10	-4.10	1.92	0.07	-5.01
		1207	74.49	61.59	-3.61	41.75	16.24	-30.01	4.64	2.72	4.40	2.95	0.63
		1208	60.16	49.45	-5.45	28.20	15.80	-26.74	3.58	2.85	3.10	3.33	0.35
		1227	42.40	36.37	3.61	28.11	11.86	-14.22	1.96	-0.92	1.92	-0.88	0.35
1038	3	1226	56.80	47.97	4.81	39.27	13.51	-17.32	3.05	0.32	2.96	0.41	0.48
		1207	41.72	22.24	-4.47	16.27	1.49	-11.12	2.50	-0.58	1.96	-0.03	-1.17
		1208	37.52	18.33	-5.39	10.31	2.63	-11.22	1.15	-2.09	0.15	-1.09	-1.49
		1227	30.93	11.81	-1.40	8.17	2.23	-5.90	2.13	-1.50	0.74	-0.11	-1.76
1038	4	1226	29.47	15.17	0.23	12.81	2.58	-5.44	1.95	-1.04	0.81	0.10	-1.45
		1207	28.20	23.60	-1.27	15.51	6.83	-11.65	1.72	1.01	1.63	1.10	0.24
		1208	23.07	19.12	-2.04	10.49	6.59	-10.40	1.32	1.05	1.15	1.23	0.13
		1227	15.99	14.12	1.41	10.45	5.08	-5.76	0.75	-0.29	0.73	-0.28	0.13
		1226	21.42	18.41	1.92	14.58	5.76	-6.97	1.15	0.17	1.12	0.20	0.17
1039	1	1208	114.41	46.37	-17.59	26.97	1.81	-29.40	4.65	-6.70	1.82	-3.87	-4.91
		1209	117.31	37.83	-21.97	11.83	4.03	-29.65	1.54	-11.02	-1.95	-7.53	-5.63
		1228	95.61	21.05	-9.76	7.11	4.18	-15.34	6.16	-7.09	0.10	-1.03	-6.60
1039	2	1227	91.31	28.67	-5.18	20.63	2.87	-14.41	6.15	-5.96	0.86	-0.67	-6.01
		1208	60.13	48.85	-5.02	27.96	15.87	-26.25	3.65	2.96	3.35	3.27	0.34
		1209	47.39	37.70	-6.36	16.71	14.63	-22.01	3.17	2.15	2.23	3.08	0.28
		1228	27.49	25.69	2.36	16.87	11.19	-11.31	1.12	-1.07	1.07	-1.02	0.32
1039	3	1227	41.63	36.25	3.59	27.95	11.89	-14.22	1.94	-0.77	1.89	-0.71	0.37
		1208	37.93	18.07	-5.50	10.11	2.46	-11.14	1.60	-1.72	0.79	-0.91	-1.43
		1209	37.39	14.76	-7.02	4.79	2.95	-10.85	0.62	-3.04	-0.41	-2.01	-1.65
		1228	30.40	8.87	-2.79	3.40	2.68	-5.82	1.84	-2.05	0.13	-0.33	-1.93
1039	4	1227	30.06	11.82	-1.18	8.22	2.41	-5.82	1.88	-1.67	0.41	-0.20	-1.75
		1208	23.02	18.90	-1.87	10.41	6.62	-10.21	1.35	1.09	1.24	1.20	0.13
		1209	18.37	14.75	-2.42	6.24	6.09	-8.59	1.17	0.79	0.82	1.14	0.10
		1228	10.96	10.21	0.83	6.29	4.76	-4.63	0.43	-0.35	0.41	-0.33	0.12
		1227	15.73	14.08	1.39	10.39	5.09	-5.76	0.74	-0.24	0.72	-0.21	0.14
1040	1	1209	116.61	37.58	-22.12	11.54	3.92	-29.61	1.98	-10.63	-1.26	-7.38	-5.51
		1210	124.74	31.43	-28.41	-2.95	5.97	-29.58	-0.71	-14.43	-4.25	-10.89	-6.01
		1229	98.82	16.50	-16.75	-6.01	5.76	-15.55	5.46	-8.20	-1.42	-1.32	-6.83
		1228	95.53	21.18	-9.60	7.28	4.30	-15.32	5.90	-7.35	-0.31	-1.14	-6.61
1040	2	1209	47.36	37.51	-6.18	16.60	14.72	-21.82	3.18	2.24	2.33	3.09	0.28
		1210	39.10	28.49	-7.83	7.08	13.59	-17.87	2.97	1.41	1.45	2.93	0.26
		1229	24.33	17.92	-0.13	7.24	10.55	-8.88	0.26	-1.28	0.20	-1.22	0.31
		1228	27.62	25.71	2.30	16.87	11.14	-11.35	1.07	-1.06	1.01	-1.01	0.34
1040	3	1209	37.17	14.67	-7.04	4.70	2.93	-10.82	0.75	-2.92	-0.20	-1.97	-1.61
		1210	38.58	12.17	-9.08	-0.29	3.38	-10.46	-0.09	-4.07	-1.15	-3.01	-1.76
		1229	30.77	6.94	-5.11	-1.20	3.03	-5.64	1.59	-2.41	-0.39	-0.43	-2.00
		1228	30.34	8.91	-2.75	3.45	2.71	-5.82	1.76	-2.12	-6.19e-04	-0.36	-1.93
1040	4	1209	18.35	14.68	-2.35	6.20	6.13	-8.51	1.17	0.83	0.86	1.14	0.10
		1210	15.28	11.30	-2.99	2.68	5.64	-6.99	1.09	0.52	0.54	1.08	0.10
		1229	9.67	7.35	-0.18	2.73	4.45	-3.66	0.12	-0.43	0.09	-0.40	0.11
		1228	11.01	10.22	0.81	6.29	4.74	-4.64	0.41	-0.34	0.39	-0.32	0.13
1041	1	1210	124.24	31.27	-28.56	-3.19	5.90	-29.57	-0.57	-14.31	-4.02	-10.87	-5.95
		1211	134.45	26.92	-36.76	-17.75	7.91	-29.14	-3.04	-17.54	-6.67	-13.91	-6.28
		1230	102.14	13.98	-25.79	-18.84	7.03	-15.10	4.83	-8.69	-2.71	-1.16	-6.71
		1229	99.14	16.61	-16.64	-5.86	5.83	-15.57	5.38	-8.31	-1.56	-1.37	-6.85
1041	2	1210	39.08	28.39	-7.79	6.98	13.62	-17.78	2.98	1.44	1.49	2.94	0.25
		1211	35.70	21.60	-9.91	-0.97	12.65	-14.21	2.84	0.75	0.78	2.82	0.23
		1230	22.70	13.30	-4.08	-0.76	9.97	-6.84	-0.46	-1.49	-0.54	-1.41	0.27
		1229	24.31	17.96	-0.15	7.28	10.53	-8.91	0.24	-1.28	0.18	-1.22	0.30
1041	3	1210	38.41	12.11	-9.12	-0.37	3.36	-10.45	-0.05	-4.04	-1.08	-3.01	-1.74
		1211	40.86	10.26	-11.70	-5.27	3.82	-10.00	-0.82	-5.02	-1.92	-3.92	-1.84
		1230	31.61	5.76	-8.06	-5.59	3.30	-5.29	1.37	-2.59	-0.83	-0.39	-1.97
		1229	30.87	6.97	-5.08	-1.15	3.05	-5.65	1.57	-2.44	-0.43	-0.44	-2.00
1041	4	1210	15.27	11.26	-2.97	2.64	5.65	-6.96	1.10	0.53	0.55	1.08	0.09
		1211	13.93	8.68	-3.75	-0.29	5.22	-5.57	1.05	0.28	0.29	1.04	0.08
		1230	8.90	5.56	-1.63	-0.24	4.17	-2.84	-0.15	-0.50	-0.18	-0.47	0.10
		1229	9.67	7.36	-0.18	2.74	4.44	-3.68	0.11	-0.43	0.08	-0.40	0.11
1042	1	1211	134.19	26.81	-36.94	-17.97	7.85	-29.15	-3.03	-17.53	-6.58	-13.98	-6.24
		1212	145.63	23.48	-46.96	-33.17	9.69	-27.95	-5.01	-19.99	-8.95	-16.05	-6.60
		1231	105.20	12.06	-35.62	-31.29	7.73	-13.70	4.37	-8.48	-3.88	-0.23	-6.16
1042	2	1230	102.48	14.08	-25.68	-18.70	7.11	-15.12	4.80	-8.76	-2.77	-1.19	-6.74
		1211	35.73	21.54	-9.93	-1.05	12.66	-14.16	2.85	0.76	0.79	2.82	0.22
		1212	36.04	16.77	-12.40	-7.48	11.85	-10.93	2.75	0.20	0.22	2.73	0.19
		1231	22.18	10.91	-8.65	-7.20	9.47	-5.11	-1.04	-1.67	-1.13	-1.58	0.22
		1230	22.65	13.31	-4.07	-0.72	9.97	-6.86	-0.47	-1.49	-0.54	-1.42	0.26
1042	3	1211	40.76	10.22	-11.76	-5.34	3.80	-9.99	-0.82	-5.01	-1.89	-3.94	-1.83
		1212	43.98	8.79	-14.88	-10.31	4.23	-9.34	-1.43	-5.76	-2.64	-4.56	-1.94
		1231	32.66	4.91	-11.26	-9.76	3.41	-4.69	1.21	-2.56	-1.22	-0.13	-1.81



		1230	31.71	5.79	-8.03	-5.55	3.32	-5.30	1.36	-2.61	-0.85	-0.40	-1.97
1042	4	1211	13.94	8.66	-3.76	-0.32	5.23	-5.55	1.05	0.28	0.29	1.04	0.08
		1212	13.91	6.81	-4.64	-2.70	4.87	-4.29	1.01	0.07	0.08	1.01	0.07
		1231	8.54	4.56	-3.26	-2.63	3.93	-2.14	-0.36	-0.57	-0.40	-0.53	0.08
		1230	8.89	5.57	-1.63	-0.22	4.17	-2.85	-0.15	-0.50	-0.18	-0.47	0.10
1043	1	1212	145.60	23.38	-47.09	-33.32	9.61	-27.94	-5.25	-20.21	-9.00	-16.45	-6.49
		1213	159.60	20.26	-59.15	-49.85	10.95	-25.54	-5.37	-21.27	-10.70	-15.94	-7.51
		1232	109.10	9.73	-45.29	-43.00	7.44	-10.98	4.73	-7.24	-4.81	2.30	-4.81
		1231	106.33	12.16	-35.56	-31.22	7.81	-13.73	4.43	-8.62	-3.97	-0.21	-6.25
1043	2	1212	36.09	16.74	-12.45	-7.55	11.85	-10.91	2.75	0.21	0.22	2.74	0.18
		1213	38.18	13.63	-14.92	-12.50	11.21	-7.95	2.68	-0.23	-0.22	2.67	0.15
		1232	22.28	9.66	-12.76	-12.16	9.06	-3.63	-1.48	-1.84	-1.60	-1.72	0.17
		1231	22.13	10.92	-8.62	-7.17	9.47	-5.12	-1.05	-1.67	-1.14	-1.58	0.21
1043	3	1212	43.91	8.76	-14.92	-10.36	4.21	-9.33	-1.50	-5.82	-2.65	-4.68	-1.91
		1213	48.34	7.52	-18.63	-15.62	4.51	-8.34	-1.55	-6.17	-3.19	-4.53	-2.21
		1232	34.18	4.03	-14.38	-13.60	3.25	-3.71	1.31	-2.23	-1.53	0.61	-1.41
		1231	33.00	4.94	-11.24	-9.74	3.43	-4.70	1.23	-2.60	-1.25	-0.13	-1.83
1043	4	1212	13.93	6.80	-4.65	-2.73	4.87	-4.29	1.01	0.07	0.08	1.01	0.07
		1213	14.57	5.55	-5.52	-4.56	4.59	-3.13	0.99	-0.09	-0.08	0.98	0.05
		1232	8.44	4.00	-4.74	-4.46	3.73	-1.53	-0.51	-0.64	-0.58	-0.58	0.06
		1231	8.53	4.57	-3.25	-2.61	3.92	-2.15	-0.37	-0.57	-0.40	-0.53	0.08
1044	1	1213	161.38	20.16	-59.18	-49.87	10.85	-25.54	-6.29	-22.24	-11.19	-17.35	-7.36
		1214	179.40	16.51	-74.12	-69.01	11.39	-20.92	0.63	-18.77	-10.23	-7.91	-9.63
		1233	112.05	6.40	-53.36	-52.59	5.63	-6.75	7.45	-4.01	-3.82	7.26	-1.46
		1232	114.16	9.76	-45.40	-43.12	7.48	-10.97	5.26	-7.67	-5.14	2.73	-5.13
1044	2	1213	38.23	13.61	-14.96	-12.56	11.20	-7.94	2.68	-0.23	-0.22	2.67	0.14
		1214	40.55	11.71	-17.03	-16.07	10.74	-5.18	2.63	-0.54	-0.53	2.62	0.10
		1233	26.38	8.97	-15.88	-15.66	8.75	-2.32	-1.75	-2.00	-1.93	-1.82	0.12
		1232	22.24	9.66	-12.74	-12.13	9.06	-3.63	-1.49	-1.83	-1.60	-1.72	0.16
1044	3	1213	48.73	7.49	-18.64	-15.63	4.48	-8.34	-1.83	-6.45	-3.33	-4.95	-2.17
		1214	55.06	6.19	-23.18	-21.56	4.57	-6.70	0.27	-5.49	-3.07	-2.15	-2.85
		1233	35.39	2.92	-16.97	-16.70	2.65	-2.29	2.13	-1.31	-1.26	2.07	-0.42
		1232	35.68	4.03	-14.41	-13.63	3.26	-3.70	1.47	-2.36	-1.63	0.74	-1.51
1044	4	1213	14.59	5.55	-5.54	-4.58	4.58	-3.12	0.99	-0.09	-0.08	0.98	0.05
		1214	15.35	4.77	-6.27	-5.87	4.38	-2.04	0.97	-0.20	-0.20	0.97	0.04
		1233	9.97	3.68	-5.86	-5.76	3.58	-0.98	-0.60	-0.72	-0.70	-0.62	0.04
		1232	8.42	4.00	-4.73	-4.45	3.73	-1.53	-0.52	-0.64	-0.58	-0.58	0.06
1045	1	1214	181.54	16.91	-75.53	-70.37	11.76	-21.22	4.45	-16.03	-8.17	-3.41	-9.96
		1215	191.72	12.74	-88.63	-87.70	11.81	-9.68	13.16	-7.28	-5.69	11.57	-5.47
		1234	105.39	2.99	-57.50	-57.39	2.88	-2.58	9.78	-0.43	-0.43	9.78	-0.16
		1233	103.80	6.06	-53.25	-52.51	5.33	-6.55	5.76	-4.03	-3.82	5.55	-1.40
1045	2	1214	40.59	11.70	-17.07	-16.10	10.73	-5.18	2.63	-0.53	-0.53	2.62	0.09
		1215	42.25	10.68	-18.43	-18.20	10.45	-2.55	2.60	-0.72	-0.72	2.59	0.05
		1234	29.30	8.61	-17.80	-17.75	8.56	-1.13	-1.87	-2.15	-2.13	-1.88	0.06
		1233	26.38	8.97	-15.86	-15.64	8.75	-2.33	-1.75	-2.00	-1.93	-1.82	0.11
1045	3	1214	55.99	6.31	-23.60	-21.97	4.68	-6.79	1.41	-4.70	-2.46	-0.82	-2.94
		1215	60.02	4.95	-27.56	-27.25	4.65	-3.12	4.07	-2.19	-1.74	3.62	-1.62
		1234	33.48	1.84	-18.32	-18.28	1.80	-0.91	2.82	-0.27	-0.27	2.82	-0.04
		1233	32.96	2.82	-16.93	-16.68	2.56	-2.24	1.63	-1.32	-1.26	1.57	-0.41
1045	4	1214	15.36	4.77	-6.28	-5.89	4.37	-2.04	0.97	-0.20	-0.20	0.97	0.04
		1215	15.92	4.34	-6.75	-6.66	4.25	-1.01	0.96	-0.27	-0.27	0.96	0.02
		1234	11.02	3.51	-6.56	-6.53	3.49	-0.48	-0.63	-0.78	-0.77	-0.64	0.02
		1233	9.97	3.68	-5.86	-5.75	3.58	-0.98	-0.60	-0.72	-0.70	-0.62	0.04
1046	1	1215	210.37	13.22	-90.09	-89.10	12.24	-10.03	18.91	-4.99	-3.22	17.14	-6.26
		1216	206.21	12.79	-90.21	-89.74	12.32	6.91	18.36	-4.85	-3.37	16.88	5.67
		1235	94.96	2.68	-57.83	-57.82	2.67	0.61	7.97	-0.66	-0.26	7.57	-1.81
		1234	92.83	2.68	-57.28	-57.18	2.58	-2.42	7.80	-0.29	-0.17	7.67	1.00
1046	2	1215	42.27	10.68	-18.45	-18.22	10.45	-2.56	2.60	-0.72	-0.72	2.59	0.05
		1216	42.86	10.36	-18.92	-18.92	10.36	1.81e-03	2.59	-0.78	-0.78	2.59	4.18e-03
		1235	30.28	8.50	-18.44	-18.44	8.50	7.81e-04	-1.90	-2.20	-2.20	-1.90	4.25e-03
		1234	29.30	8.61	-17.79	-17.74	8.56	-1.13	-1.87	-2.14	-2.13	-1.88	0.05
1046	3	1215	65.60	5.10	-27.99	-27.67	4.78	-3.22	5.77	-1.51	-1.01	5.27	-1.85
		1216	64.33	4.92	-28.04	-27.91	4.79	2.05	5.61	-1.48	-1.06	5.19	1.68
		1235	30.45	1.73	-18.46	-18.46	1.73	0.18	2.28	-0.34	-0.23	2.16	-0.54
		1234	29.78	1.75	-18.25	-18.22	1.72	-0.86	2.23	-0.23	-0.19	2.19	0.30
1046	4	1215	15.93	4.34	-6.76	-6.67	4.25	-1.01	0.96	-0.27	-0.27	0.96	0.02
		1216	16.13	4.21	-6.93	-6.93	4.21	6.27e-04	0.96	-0.29	-0.29	0.96	1.38e-03
		1235	11.38	3.46	-6.79	-6.79	3.46	3.18e-04	-0.65	-0.80	-0.80	-0.65	1.40e-03
		1234	11.02	3.51	-6.55	-6.53	3.49	-0.48	-0.64	-0.78	-0.77	-0.64	0.02
1047	1	1216	187.87	12.31	-88.79	-88.36	11.88	6.57	12.60	-7.14	-5.84	11.31	4.89
		1217	174.78	15.70	-76.03	-72.32	11.99	18.06	3.24	-16.05	-8.64	-4.18	9.38
		1236	103.89	5.97	-54.81	-54.44	5.60	4.73	5.30	-4.16	-4.12	5.26	0.62
		1235	105.95	2.98	-58.03	-58.02	2.97	0.77	9.71	-0.57	-0.53	9.67	-0.64
1047	2	1216	42.86	10.36	-18.92	-18.92	10.36	-1.81e-03	2.59	-0.78	-0.78	2.59	-4.18e-03
		1217	42.27	10.68	-18.45	-18.22	10.45	2.56	2.60	-0.72	-0.72	2.59	-0.05
		1236	29.30	8.61	-17.79	-17.74	8.56	1.13	-1.87	-2.14	-2.13	-1.88	-0.05
		1235	30.28	8.50	-18.44	-18.44	8.50	-7.84e-04	-1.90	-2.20	-2.20	-1.90	-4.25e-03



1047	3	1216	58.85	4.78	-27.62	-27.50	4.66	1.95	3.91	-2.16	-1.79	3.54	1.45
		1217	53.87	5.81	-23.80	-22.70	4.71	5.60	1.05	-4.72	-2.61	-1.05	2.78
		1236	33.16	2.73	-17.52	-17.41	2.61	1.55	1.49	-1.37	-1.36	1.48	0.18
		1235	33.70	1.82	-18.52	-18.52	1.82	0.23	2.80	-0.31	-0.30	2.78	-0.19
1047	4	1216	16.13	4.21	-6.93	-6.93	4.21	-6.28e-04	0.96	-0.29	-0.29	0.96	-1.38e-03
		1217	15.93	4.34	-6.76	-6.67	4.25	1.01	0.96	-0.27	-0.27	0.96	-0.02
		1236	11.02	3.51	-6.55	-6.53	3.49	0.48	-0.64	-0.78	-0.77	-0.64	-0.02
		1235	11.38	3.46	-6.79	-6.79	3.46	-3.19e-04	-0.65	-0.80	-0.80	-0.65	-1.40e-03
1048	1	1217	173.28	15.28	-74.63	-70.98	11.62	17.76	-0.57	-18.79	-10.69	-8.67	9.06
		1218	158.47	18.22	-60.15	-53.19	11.26	22.30	-7.71	-22.86	-11.97	-18.61	6.81
		1237	111.17	9.44	-47.87	-46.38	7.94	9.13	4.20	-7.58	-5.63	2.25	4.38
		1236	112.06	6.30	-54.90	-54.50	5.90	4.93	7.00	-4.15	-4.11	6.96	0.68
1048	2	1217	42.25	10.68	-18.43	-18.20	10.45	2.55	2.60	-0.72	-0.72	2.59	-0.05
		1218	40.59	11.70	-17.07	-16.10	10.73	5.18	2.63	-0.53	-0.53	2.62	-0.09
		1237	26.38	8.97	-15.86	-15.64	8.75	2.33	-1.75	-2.00	-1.93	-1.82	-0.11
		1236	29.30	8.61	-17.80	-17.75	8.56	1.13	-1.87	-2.15	-2.13	-1.88	-0.06
1048	3	1217	53.13	5.68	-23.38	-22.30	4.60	5.51	-0.09	-5.51	-3.22	-2.38	2.68
		1218	47.70	6.68	-19.02	-16.88	4.53	7.11	-2.27	-6.64	-3.59	-5.32	2.01
		1237	35.00	3.82	-15.34	-14.86	3.34	3.00	1.15	-2.36	-1.79	0.59	1.29
		1236	35.55	2.83	-17.55	-17.42	2.70	1.61	1.99	-1.37	-1.36	1.98	0.20
1048	4	1217	15.92	4.34	-6.75	-6.66	4.25	1.01	0.96	-0.27	-0.27	0.96	-0.02
		1218	15.36	4.77	-6.28	-5.89	4.37	2.04	0.97	-0.20	-0.20	0.97	-0.04
		1237	9.97	3.68	-5.86	-5.75	3.58	0.98	-0.60	-0.72	-0.70	-0.62	-0.04
		1236	11.02	3.51	-6.56	-6.53	3.49	0.48	-0.63	-0.78	-0.77	-0.64	-0.02
1049	1	1218	156.26	18.31	-60.15	-53.20	11.36	22.29	-6.81	-21.86	-11.47	-17.20	6.96
		1219	143.94	20.53	-48.44	-38.14	10.23	24.59	-6.91	-21.35	-10.08	-18.18	5.98
		1238	102.08	11.47	-38.85	-35.86	8.48	11.89	3.12	-8.62	-4.64	-0.86	5.56
		1237	106.20	9.41	-47.74	-46.24	7.91	9.15	3.66	-7.14	-5.30	1.82	4.06
1049	2	1218	40.55	11.71	-17.03	-16.07	10.74	5.18	2.63	-0.54	-0.53	2.62	-0.10
		1219	38.23	13.61	-14.96	-12.56	11.20	7.94	2.68	-0.23	-0.22	2.67	-0.14
		1238	22.24	9.66	-12.74	-12.13	9.06	3.63	-1.49	-1.83	-1.60	-1.72	-0.16
		1237	26.38	8.97	-15.88	-15.66	8.75	2.32	-1.75	-2.00	-1.93	-1.82	-0.12
1049	3	1218	47.18	6.71	-19.02	-16.88	4.56	7.11	-1.99	-6.35	-3.44	-4.90	2.05
		1219	43.15	7.58	-15.44	-12.15	4.29	8.06	-2.03	-6.17	-3.01	-5.19	1.76
		1238	31.92	4.54	-12.47	-11.48	3.55	3.98	0.83	-2.63	-1.48	-0.33	1.63
		1237	33.54	3.81	-15.30	-14.82	3.33	3.00	0.99	-2.23	-1.70	0.46	1.19
1049	4	1218	15.35	4.77	-6.27	-5.87	4.38	2.04	0.97	-0.20	-0.20	0.97	-0.04
		1219	14.59	5.55	-5.54	-4.58	4.58	3.12	0.99	-0.09	-0.08	0.98	-0.05
		1238	8.42	4.00	-4.73	-4.45	3.73	1.53	-0.52	-0.64	-0.58	-0.58	-0.06
		1237	9.97	3.68	-5.86	-5.76	3.58	0.98	-0.60	-0.72	-0.70	-0.62	-0.04
1050	1	1219	143.71	20.62	-48.33	-38.01	10.29	24.60	-6.68	-21.11	-10.01	-17.78	6.08
		1220	132.55	22.69	-38.43	-24.44	8.70	25.68	-4.98	-19.14	-7.98	-16.15	5.78
		1239	97.61	12.70	-29.56	-24.83	7.98	13.32	3.39	-8.98	-3.62	-1.97	6.13
		1238	101.02	11.38	-38.90	-35.92	8.40	11.87	3.05	-8.49	-4.56	-0.88	5.47
1050	2	1219	38.18	13.63	-14.92	-12.50	11.21	7.95	2.68	-0.23	-0.22	2.67	-0.15
		1220	36.09	16.74	-12.45	-7.55	11.85	10.91	2.75	0.21	0.22	2.74	-0.18
		1239	22.13	10.92	-8.62	-7.17	9.47	5.12	-1.05	-1.67	-1.14	-1.58	-0.21
		1238	22.28	9.66	-12.76	-12.16	9.06	3.63	-1.48	-1.84	-1.60	-1.72	-0.17
1050	3	1219	43.13	7.61	-15.41	-12.11	4.31	8.06	-1.96	-6.10	-2.98	-5.07	1.79
		1220	39.81	8.55	-12.34	-7.73	3.94	8.66	-1.43	-5.50	-2.35	-4.59	1.70
		1239	30.30	5.10	-9.46	-7.85	3.48	4.58	0.92	-2.71	-1.14	-0.65	1.80
		1238	31.60	4.51	-12.48	-11.50	3.53	3.97	0.81	-2.60	-1.45	-0.33	1.61
1050	4	1219	14.57	5.55	-5.52	-4.56	4.59	3.13	0.99	-0.09	-0.08	0.98	-0.05
		1220	13.93	6.80	-4.65	-2.73	4.87	4.29	1.01	0.07	0.08	1.01	-0.07
		1239	8.53	4.57	-3.25	-2.61	3.92	2.15	-0.37	-0.57	-0.40	-0.53	-0.08
		1238	8.44	4.00	-4.74	-4.46	3.73	1.53	-0.51	-0.64	-0.58	-0.58	-0.06
1051	1	1220	132.58	22.77	-38.26	-24.24	8.76	25.67	-4.96	-19.11	-8.01	-16.06	5.82
		1221	121.53	25.37	-29.88	-11.54	7.03	26.02	-2.80	-16.36	-5.74	-13.41	5.59
		1240	93.83	13.91	-20.59	-13.58	6.90	13.88	3.95	-8.77	-2.56	-2.26	6.35
		1239	97.38	12.62	-29.66	-24.95	7.91	13.30	3.40	-8.93	-3.59	-1.95	6.11
1051	2	1220	36.04	16.77	-12.40	-7.48	11.85	10.93	2.75	0.20	0.22	2.73	-0.19
		1221	35.73	21.54	-9.93	-1.05	12.66	14.16	2.85	0.76	0.79	2.82	-0.22
		1240	22.65	13.31	-4.07	-0.72	9.97	6.86	-0.47	-1.49	-0.54	-1.42	-0.26
		1239	22.18	10.91	-8.65	-7.20	9.47	5.11	-1.04	-1.67	-1.13	-1.58	-0.22
1051	3	1220	39.84	8.57	-12.29	-7.67	3.95	8.66	-1.43	-5.49	-2.36	-4.56	1.71
		1221	36.86	9.78	-9.65	-3.43	3.56	9.07	-0.75	-4.66	-1.64	-3.77	1.64
		1240	29.09	5.75	-6.52	-4.03	3.26	4.93	1.11	-2.61	-0.78	-0.72	1.86
		1239	30.23	5.07	-9.49	-7.88	3.46	4.57	0.92	-2.69	-1.13	-0.64	1.79
1051	4	1220	13.91	6.81	-4.64	-2.70	4.87	4.29	1.01	0.07	0.08	1.01	-0.07
		1221	13.94	8.66	-3.76	-0.32	5.23	5.55	1.05	0.28	0.29	1.04	-0.08
		1240	8.89	5.57	-1.63	-0.22	4.17	2.85	-0.15	-0.50	-0.18	-0.47	-0.10
		1239	8.54	4.56	-3.26	-2.63	3.93	2.14	-0.36	-0.57	-0.40	-0.53	-0.08
1052	1	1221	121.66	25.47	-29.72	-11.34	7.08	26.01	-2.84	-16.38	-5.82	-13.40	5.61
		1222	111.28	29.29	-22.95	0.98	5.36	26.03	-0.52	-13.08	-3.37	-10.23	5.26
		1241	89.91	16.09	-12.71	-2.17	5.55	13.88	4.55	-8.05	-1.41	-2.08	6.29
1052	2	1240	93.63	13.83	-20.69	-13.71	6.85	13.86	3.97	-8.72	-2.51	-2.24	6.34
		1221	35.70	21.60	-9.91	-0.97	12.65	14.21	2.84	0.75	0.78	2.82	-0.23



		1222	39.08	28.39	-7.79	6.98	13.62	17.78	2.98	1.44	1.49	2.94	-0.25
		1241	24.31	17.96	-0.15	7.28	10.53	8.91	0.24	-1.28	0.18	-1.22	-0.30
		1240	22.70	13.30	-4.08	-0.76	9.97	6.84	-0.46	-1.49	-0.54	-1.41	-0.27
1052	3	1221	36.91	9.82	-9.61	-3.37	3.58	9.07	-0.77	-4.67	-1.67	-3.77	1.64
		1222	34.48	11.51	-7.44	0.87	3.20	9.40	-0.04	-3.67	-0.89	-2.82	1.54
		1241	28.12	6.82	-3.91	-0.06	2.96	5.15	1.32	-2.37	-0.39	-0.66	1.84
		1240	29.02	5.72	-6.55	-4.08	3.24	4.93	1.12	-2.60	-0.77	-0.71	1.86
1052	4	1221	13.93	8.68	-3.75	-0.29	5.22	5.57	1.05	0.28	0.29	1.04	-0.08
		1222	15.27	11.26	-2.97	2.64	5.65	6.96	1.10	0.53	0.55	1.08	-0.09
		1241	9.67	7.36	-0.18	2.74	4.44	3.68	0.11	-0.43	0.08	-0.40	-0.11
		1240	8.90	5.56	-1.63	-0.24	4.17	2.84	-0.15	-0.50	-0.18	-0.47	-0.10
1053	1	1222	111.67	29.43	-22.82	1.19	5.42	26.04	-0.65	-13.19	-3.57	-10.26	5.30
		1223	103.80	35.09	-17.75	13.60	3.74	25.96	1.81	-9.50	-0.85	-6.84	4.80
		1242	86.20	20.53	-6.96	9.46	4.11	13.49	5.11	-6.91	-0.20	-1.60	5.97
		1241	89.66	16.00	-12.81	-2.31	5.50	13.86	4.62	-7.95	-1.28	-2.05	6.27
1053	2	1222	39.10	28.49	-7.83	7.08	13.59	17.87	2.97	1.41	1.45	2.93	-0.26
		1223	47.36	37.51	-6.18	16.60	14.72	21.82	3.18	2.24	2.33	3.09	-0.28
		1242	27.62	25.71	2.30	16.87	11.14	11.35	1.07	-1.06	1.01	-1.01	-0.34
		1241	24.33	17.92	-0.13	7.24	10.55	8.88	0.26	-1.28	0.20	-1.22	-0.31
1053	3	1222	34.62	11.56	-7.41	0.94	3.22	9.41	-0.08	-3.70	-0.95	-2.83	1.55
		1223	33.35	13.91	-5.72	5.31	2.87	9.74	0.70	-2.59	-0.08	-1.80	1.40
		1242	27.59	8.70	-1.95	4.09	2.66	5.27	1.53	-2.00	0.03	-0.50	1.74
		1241	28.04	6.79	-3.94	-0.10	2.95	5.14	1.34	-2.34	-0.35	-0.64	1.83
1053	4	1222	15.28	11.30	-2.99	2.68	5.64	6.99	1.09	0.52	0.54	1.08	-0.10
		1223	18.35	14.68	-2.35	6.20	6.13	8.51	1.17	0.83	0.86	1.14	-0.10
		1242	11.01	10.22	0.81	6.29	4.74	4.64	0.41	-0.34	0.39	-0.32	-0.13
		1241	9.67	7.35	-0.18	2.73	4.45	3.66	0.12	-0.43	0.09	-0.40	-0.11
1054	1	1223	104.28	35.32	-17.64	13.84	3.84	26.00	1.40	-9.84	-1.47	-6.97	4.90
		1224	102.15	43.22	-14.21	26.97	2.04	25.87	4.23	-5.80	1.93	-3.50	4.22
		1243	82.61	27.77	-3.62	21.31	2.84	12.69	5.44	-5.43	0.93	-0.92	5.35
		1242	86.37	20.42	-7.10	9.31	4.01	13.50	5.35	-6.68	0.17	-1.50	5.96
1054	2	1223	47.39	37.70	-6.36	16.71	14.63	22.01	3.17	2.15	2.23	3.08	-0.28
		1224	60.13	48.85	-5.02	27.96	15.87	26.25	3.65	2.96	3.35	3.27	-0.34
		1243	41.63	36.25	3.59	27.95	11.89	14.22	1.94	-0.77	1.89	-0.71	-0.37
		1242	27.49	25.69	2.36	16.87	11.19	11.31	1.12	-1.07	1.07	-1.02	-0.32
1054	3	1223	33.51	14.00	-5.71	5.39	2.89	9.77	0.57	-2.69	-0.27	-1.84	1.43
		1224	34.31	17.11	-4.47	10.11	2.53	10.10	1.48	-1.46	0.82	-0.80	1.22
		1243	27.53	11.52	-0.69	8.42	2.41	5.31	1.68	-1.52	0.43	-0.28	1.56
		1242	27.68	8.66	-1.98	4.05	2.63	5.28	1.60	-1.93	0.14	-0.47	1.74
1054	4	1223	18.37	14.75	-2.42	6.24	6.09	8.59	1.17	0.79	0.82	1.14	-0.10
		1224	23.02	18.90	-1.87	10.41	6.62	10.21	1.35	1.09	1.24	1.20	-0.13
		1243	15.73	14.08	1.39	10.39	5.09	5.76	0.74	-0.24	0.72	-0.21	-0.14
		1242	10.96	10.21	0.83	6.29	4.76	4.63	0.43	-0.35	0.41	-0.33	-0.12
1055	1	1224	100.59	43.88	-13.74	27.52	2.62	25.98	2.87	-6.88	0.04	-4.06	4.42
		1225	110.39	53.60	-12.44	42.14	-0.99	25.01	6.88	-2.31	5.24	-0.68	3.51
		1244	77.89	36.12	-0.67	32.57	2.89	10.87	5.52	-3.56	1.97	-0.01	4.43
		1243	85.15	27.72	-4.31	21.13	2.28	12.95	6.19	-4.86	1.93	-0.60	5.38
1055	2	1224	60.16	49.45	-5.45	28.20	15.80	26.74	3.58	2.85	3.10	3.33	-0.35
		1225	74.49	61.59	-3.61	41.75	16.24	30.01	4.64	2.72	4.40	2.95	-0.63
		1244	56.80	47.97	4.81	39.27	13.51	17.32	3.05	0.32	2.96	0.41	-0.48
		1243	42.40	36.37	3.61	28.11	11.86	14.22	1.96	-0.92	1.92	-0.88	-0.35
1055	3	1224	33.80	17.35	-4.38	10.29	2.68	10.18	1.06	-1.78	0.24	-0.96	1.28
		1225	38.17	20.99	-3.64	15.62	1.72	10.17	2.31	-0.41	1.88	0.02	0.99
		1244	27.40	14.71	0.50	12.59	2.61	5.06	1.78	-0.89	0.82	0.07	1.28
		1243	28.40	11.51	-0.88	8.38	2.24	5.38	1.90	-1.37	0.73	-0.19	1.57
1055	4	1224	23.07	19.12	-2.04	10.49	6.59	10.40	1.32	1.05	1.15	1.23	-0.13
		1225	28.20	23.60	-1.27	15.51	6.83	11.65	1.72	1.01	1.63	1.10	-0.24
		1244	21.42	18.41	1.92	14.58	5.76	6.97	1.15	0.17	1.12	0.20	-0.17
		1243	15.99	14.12	1.41	10.45	5.08	5.76	0.75	-0.29	0.73	-0.28	-0.13
1056	1	1225	105.71	60.64	-9.66	49.76	1.23	25.43	3.25	-5.40	0.55	-2.69	4.01
		196	120.30	58.90	-9.00	55.95	-6.05	13.84	10.34	1.70	9.85	2.18	1.99
		1248	84.28	42.48	-0.67	38.42	3.39	12.60	6.75	-1.62	3.62	1.51	4.05
		1244	81.80	33.08	-1.72	29.33	2.04	10.79	7.26	-1.96	4.33	0.97	4.29
1056	2	1225	74.64	65.22	-5.91	43.16	16.15	32.90	4.17	2.07	3.75	2.48	-0.83
		196	104.03	74.49	2.42	65.99	10.92	23.25	6.81	2.78	6.81	2.78	-0.04
		1248	85.64	51.72	6.44	39.41	18.74	20.15	8.82	2.58	8.77	2.62	-0.55
		1244	52.75	47.83	5.96	40.04	13.75	16.29	2.77	0.45	2.50	0.72	-0.74
1056	3	1225	36.82	23.29	-2.94	17.98	2.37	10.54	1.17	-1.32	0.46	-0.60	1.13
		196	43.36	23.27	-1.90	21.54	-0.17	6.37	3.57	0.78	3.44	0.91	0.59
		1248	31.10	16.80	0.75	14.31	3.24	5.81	2.44	-0.11	1.71	0.62	1.16
		1244	28.37	13.83	0.24	11.70	2.37	4.95	2.29	-0.39	1.50	0.39	1.22
1056	4	1225	28.39	24.98	-2.16	16.03	6.79	12.76	1.56	0.78	1.40	0.93	-0.31
		196	38.81	28.12	1.26	24.52	4.86	9.16	2.54	1.09	2.54	1.09	-9.48e-03
		1248	31.90	19.93	2.46	14.61	7.78	8.05	3.25	0.94	3.23	0.95	-0.21
		1244	19.99	18.33	2.38	14.87	5.84	6.58	1.06	0.22	0.96	0.32	-0.27
1057	1	150	95.08	42.18	-0.37	39.23	2.58	-10.81	8.80	-1.24	5.68	1.88	-4.64
		1226	89.29	37.16	-3.55	31.55	2.06	-14.04	7.06	-3.01	3.35	0.70	-4.85



		1245	62.95	28.44	2.38	28.35	2.47	-1.56	6.56	-4.07	0.36	2.13	-5.24
		97	86.25	36.75	-6.68	34.06	-3.98	-10.47	8.17	0.35	6.47	2.05	-3.22
1057	2	150	91.24	53.92	3.24	39.16	18.01	-23.03	9.96	5.29	9.86	5.39	0.68
		1226	56.72	50.06	4.12	40.11	14.06	-18.92	1.89	0.23	1.88	0.23	-0.08
		1245	51.23	40.77	8.30	40.29	8.78	-3.91	2.71	0.98	2.71	0.98	0.05
		97	103.99	68.87	-0.56	63.95	4.36	-17.82	6.13	-0.61	6.12	-0.59	0.31
1057	3	150	34.73	16.72	0.73	14.52	2.92	-5.51	3.22	0.22	2.43	1.01	-1.32
		1226	31.04	15.27	-0.49	12.36	2.41	-6.11	2.21	-0.80	1.15	0.26	-1.44
		1245	21.60	11.60	1.91	11.42	2.09	-1.31	2.05	-1.06	0.30	0.69	-1.54
		97	33.25	16.43	-1.60	14.91	-0.08	-5.01	2.77	0.15	2.37	0.54	-0.93
1057	4	150	34.26	20.77	1.22	14.50	7.49	-9.13	3.71	2.01	3.67	2.05	0.26
		1226	21.52	19.21	1.66	14.90	5.97	-7.55	0.72	0.12	0.72	0.12	-0.03
		1245	18.96	15.31	3.60	14.95	3.96	-2.01	1.00	0.35	1.00	0.35	0.02
		97	38.60	25.96	0.20	23.76	2.40	-7.19	2.27	-0.25	2.27	-0.24	0.11
1058	1	1226	90.19	37.61	-2.93	32.19	2.48	-13.79	6.89	-3.78	2.51	0.61	-5.25
		1227	91.55	28.51	-5.23	20.58	2.70	-14.30	6.55	-5.52	1.48	-0.45	-5.96
		1246	64.03	13.99	3.49	13.51	3.97	-2.19	7.77	-3.30	1.00	3.47	-5.40
		1245	68.32	25.13	1.19	24.92	1.40	-2.24	7.88	-2.15	3.34	2.39	-4.99
1058	2	1226	60.97	49.16	4.06	39.53	13.68	-18.48	3.01	0.13	3.01	0.13	-2.30e-03
		1227	42.16	36.11	3.52	27.99	11.64	-14.10	2.00	-0.84	1.95	-0.79	0.36
		1246	36.99	25.52	9.52	25.20	9.84	-2.24	3.21	2.43	2.84	2.80	0.39
		1245	57.10	39.51	7.48	38.87	8.12	-4.48	4.33	2.00	4.26	2.07	0.41
1058	3	1226	31.47	15.32	-0.31	12.51	2.51	-6.01	2.21	-0.99	0.99	0.23	-1.56
		1227	30.19	11.75	-1.20	8.21	2.35	-5.78	2.01	-1.55	0.60	-0.14	-1.74
		1246	20.85	6.36	2.09	5.90	2.54	-1.32	2.48	-0.74	0.51	1.23	-1.57
		1245	23.72	10.56	1.45	10.30	1.71	-1.53	2.54	-0.38	1.31	0.85	-1.44
1058	4	1226	23.03	18.87	1.63	14.68	5.83	-7.40	1.14	0.09	1.14	0.09	-2.54e-03
		1227	15.89	14.02	1.38	10.40	5.00	-5.72	0.76	-0.26	0.74	-0.24	0.13
		1246	13.85	9.70	3.95	9.37	4.28	-1.33	1.19	0.89	1.05	1.03	0.15
		1245	21.14	14.87	3.27	14.43	3.70	-2.20	1.61	0.73	1.58	0.76	0.16
1059	1	1227	92.29	28.61	-5.44	20.31	2.86	-14.62	6.43	-5.79	1.09	-0.45	-6.06
		1228	95.13	21.05	-9.62	7.15	4.27	-15.27	6.01	-7.18	-0.10	-1.07	-6.58
		1247	72.64	6.81	0.27	2.15	4.93	-2.96	9.57	-2.48	1.33	5.76	-5.60
		1246	65.54	13.80	3.20	13.34	3.65	-2.14	8.38	-2.61	2.09	3.68	-5.44
1059	2	1227	42.39	36.52	3.55	28.05	12.02	-14.40	1.92	-0.82	1.89	-0.79	0.29
		1228	27.58	25.57	2.31	16.81	11.07	-11.27	1.14	-1.07	1.09	-1.01	0.35
		1247	25.56	13.90	9.26	13.71	9.45	-0.92	2.79	1.84	2.00	2.63	0.36
		1246	38.33	25.11	8.97	24.87	9.20	-1.93	3.46	2.56	3.18	2.84	0.42
1059	3	1227	30.46	11.83	-1.27	8.14	2.43	-5.90	1.97	-1.63	0.48	-0.14	-1.77
		1228	30.21	8.86	-2.75	3.40	2.70	-5.80	1.80	-2.07	0.07	-0.34	-1.92
		1247	22.97	3.68	0.72	1.68	2.72	-1.38	2.99	-0.54	0.54	1.90	-1.63
		1246	21.39	6.25	1.97	5.83	2.39	-1.27	2.67	-0.52	0.86	1.29	-1.58
1059	4	1227	16.03	14.19	1.38	10.43	5.14	-5.83	0.73	-0.25	0.72	-0.24	0.11
		1228	11.00	10.17	0.81	6.27	4.71	-4.61	0.44	-0.35	0.42	-0.32	0.13
		1247	9.72	5.52	3.64	5.11	4.06	-0.78	1.03	0.68	0.74	0.97	0.14
		1246	14.30	9.51	3.77	9.24	4.03	-1.21	1.28	0.94	1.18	1.04	0.16
1060	1	1228	95.35	21.12	-9.66	7.16	4.30	-15.32	5.96	-7.26	-0.22	-1.07	-6.60
		1229	98.76	16.50	-16.67	-5.92	5.75	-15.52	5.40	-8.24	-1.49	-1.34	-6.82
		1248	85.63	6.70	-9.76	-8.98	5.92	-3.49	11.58	-1.58	1.49	8.50	-5.57
		1247	72.97	6.70	0.18	1.99	4.89	-2.92	9.76	-2.29	1.64	5.83	-5.65
1060	2	1228	27.68	25.77	2.33	16.91	11.20	-11.37	1.07	-1.07	1.01	-1.02	0.33
		1229	24.28	17.87	-0.16	7.21	10.50	-8.86	0.26	-1.28	0.20	-1.22	0.31
		1248	20.21	9.17	4.20	4.20	9.17	-0.11	2.39	1.10	1.17	2.32	0.30
		1247	25.76	13.68	9.11	13.55	9.23	-0.75	2.82	1.93	2.11	2.63	0.36
1060	3	1228	30.30	8.90	-2.76	3.42	2.72	-5.82	1.78	-2.10	0.03	-0.34	-1.93
		1229	30.75	6.93	-5.09	-1.18	3.02	-5.63	1.57	-2.42	-0.41	-0.44	-2.00
		1248	26.87	3.27	-2.68	-2.33	2.91	-1.42	3.56	-0.34	0.53	2.69	-1.63
		1247	23.05	3.61	0.70	1.62	2.68	-1.36	3.04	-0.48	0.64	1.92	-1.64
1060	4	1228	11.03	10.24	0.82	6.30	4.76	-4.65	0.41	-0.35	0.39	-0.33	0.13
		1229	9.66	7.33	-0.19	2.71	4.43	-3.66	0.12	-0.43	0.09	-0.40	0.11
		1248	7.84	3.95	1.51	1.58	3.87	-0.41	0.89	0.40	0.43	0.86	0.11
		1247	9.77	5.40	3.62	5.05	3.97	-0.71	1.04	0.71	0.78	0.97	0.14
1061	1	1229	98.81	16.56	-16.66	-5.88	5.79	-15.55	5.38	-8.26	-1.51	-1.36	-6.82
		1230	101.80	13.96	-25.64	-18.66	6.98	-15.09	4.76	-8.70	-2.73	-1.20	-6.69
		1249	100.83	7.00	-20.07	-19.58	6.51	-3.60	13.79	-0.51	1.72	11.56	-5.19
		1248	85.86	6.66	-9.89	-9.13	5.90	-3.47	11.65	-1.54	1.57	8.54	-5.60
1061	2	1229	24.39	17.98	-0.13	7.29	10.55	-8.90	0.25	-1.29	0.18	-1.22	0.31
		1230	22.63	13.27	-4.10	-0.78	9.95	-6.83	-0.46	-1.49	-0.54	-1.41	0.26
		1249	21.90	8.91	-3.67	-3.66	8.90	0.36	2.07	0.39	0.43	2.03	0.24
		1248	20.17	9.06	4.08	4.08	9.06	-0.02	2.40	1.12	1.20	2.32	0.30
1061	3	1229	30.77	6.96	-5.08	-1.16	3.04	-5.64	1.57	-2.43	-0.42	-0.44	-2.00
		1230	31.50	5.76	-8.02	-5.54	3.28	-5.29	1.35	-2.59	-0.83	-0.41	-1.96
		1249	31.66	3.20	-6.25	-6.06	3.00	-1.35	4.21	-0.09	0.54	3.58	-1.52
		1248	26.92	3.25	-2.73	-2.38	2.90	-1.40	3.58	-0.33	0.55	2.70	-1.63
1061	4	1229	9.69	7.37	-0.17	2.74	4.45	-3.67	0.11	-0.43	0.08	-0.40	0.12
		1230	8.88	5.55	-1.64	-0.24	4.16	-2.84	-0.15	-0.50	-0.18	-0.47	0.10
		1249	8.47	3.71	-1.34	-1.34	3.71	-0.18	0.77	0.14	0.16	0.76	0.09



		1248	7.81	3.89	1.47	1.53	3.83	-0.38	0.89	0.41	0.44	0.86	0.11
1062	1	1230	101.86	14.01	-25.64	-18.65	7.02	-15.12	4.75	-8.72	-2.72	-1.25	-6.69
		1231	103.89	12.00	-35.37	-30.98	7.62	-13.73	4.20	-8.43	-3.85	-0.37	-6.07
		1250	115.35	6.65	-29.41	-29.12	6.35	-3.24	15.98	0.70	2.04	14.64	-4.34
		1249	101.27	6.99	-20.21	-19.73	6.51	-3.58	13.86	-0.51	1.73	11.62	-5.21
1062	2	1230	22.71	13.32	-4.06	-0.71	9.98	-6.85	-0.47	-1.49	-0.54	-1.42	0.27
		1231	22.12	10.90	-8.66	-7.22	9.46	-5.10	-1.05	-1.67	-1.13	-1.58	0.21
		1250	26.84	8.66	-9.98	-9.97	8.64	0.57	1.80	-0.21	-0.19	1.78	0.19
		1249	21.88	8.85	-3.76	-3.75	8.83	0.41	2.07	0.40	0.43	2.03	0.25
1062	3	1230	31.52	5.78	-8.02	-5.53	3.29	-5.30	1.35	-2.60	-0.83	-0.42	-1.96
		1231	32.27	4.89	-11.19	-9.67	3.37	-4.69	1.16	-2.55	-1.21	-0.17	-1.78
		1250	36.33	2.98	-9.47	-9.36	2.88	-1.16	4.85	0.21	0.59	4.47	-1.27
		1249	31.79	3.19	-6.30	-6.11	2.99	-1.34	4.22	-0.09	0.54	3.60	-1.52
1062	4	1230	8.91	5.57	-1.62	-0.22	4.17	-2.85	-0.15	-0.50	-0.18	-0.47	0.10
		1231	8.52	4.56	-3.27	-2.63	3.92	-2.14	-0.37	-0.57	-0.40	-0.53	0.08
		1250	10.25	3.55	-3.68	-3.68	3.55	-0.03	0.67	-0.08	-0.07	0.66	0.07
		1249	8.45	3.69	-1.38	-1.37	3.68	-0.16	0.77	0.15	0.16	0.76	0.10
1063	1	1231	103.81	12.05	-35.40	-31.02	7.66	-13.74	4.11	-8.49	-3.89	-0.49	-6.07
		1232	105.74	9.61	-44.90	-42.53	7.24	-11.12	4.27	-7.13	-4.64	1.78	-4.71
		1251	124.37	5.25	-36.88	-36.73	5.11	-2.46	17.43	1.74	2.28	16.88	-2.88
		1250	116.20	6.63	-29.55	-29.26	6.34	-3.22	16.11	0.69	2.05	14.76	-4.36
1063	2	1231	22.17	10.93	-8.62	-7.17	9.48	-5.12	-1.04	-1.67	-1.14	-1.58	0.22
		1232	22.24	9.65	-12.77	-12.17	9.05	-3.62	-1.49	-1.83	-1.60	-1.72	0.16
		1251	31.88	8.42	-14.82	-14.80	8.41	0.59	1.58	-0.69	-0.68	1.57	0.14
		1250	26.86	8.62	-10.06	-10.04	8.60	0.59	1.80	-0.21	-0.19	1.78	0.20
1063	3	1231	32.24	4.90	-11.19	-9.68	3.39	-4.70	1.14	-2.56	-1.22	-0.21	-1.78
		1232	33.17	3.99	-14.27	-13.46	3.19	-3.75	1.18	-2.20	-1.48	0.46	-1.38
		1251	39.33	2.50	-12.03	-11.98	2.44	-0.86	5.28	0.48	0.63	5.13	-0.84
		1250	36.57	2.98	-9.52	-9.41	2.87	-1.15	4.89	0.21	0.59	4.51	-1.28
1063	4	1231	8.54	4.57	-3.25	-2.61	3.93	-2.14	-0.36	-0.57	-0.40	-0.53	0.08
		1232	8.42	4.00	-4.74	-4.47	3.72	-1.53	-0.52	-0.64	-0.58	-0.58	0.06
		1251	12.09	3.42	-5.48	-5.48	3.42	0.04	0.59	-0.26	-0.25	0.59	0.05
		1250	10.26	3.54	-3.71	-3.71	3.54	-0.02	0.67	-0.08	-0.07	0.66	0.08
1064	1	1232	105.23	9.59	-44.97	-42.62	7.24	-11.07	4.06	-7.07	-4.86	1.85	-4.44
		1233	105.74	6.40	-53.24	-52.34	5.50	-7.28	6.09	-4.20	-3.57	5.45	-2.47
		1252	123.90	2.96	-41.54	-41.49	2.91	-1.45	17.14	1.82	1.92	17.04	-1.23
		1251	123.92	5.16	-36.98	-36.83	5.02	-2.44	17.47	1.89	2.46	16.90	-2.91
1064	2	1232	22.27	9.67	-12.74	-12.14	9.06	-3.63	-1.48	-1.84	-1.60	-1.72	0.17
		1233	26.42	8.97	-15.89	-15.67	8.75	-2.32	-1.75	-2.00	-1.93	-1.82	0.11
		1252	35.84	8.24	-18.23	-18.22	8.23	0.46	1.41	-1.04	-1.03	1.41	0.09
		1251	31.91	8.40	-14.87	-14.86	8.38	0.60	1.58	-0.69	-0.68	1.57	0.15
1064	3	1232	33.04	3.99	-14.28	-13.49	3.19	-3.74	1.12	-2.18	-1.54	0.48	-1.30
		1233	33.51	2.92	-16.93	-16.63	2.61	-2.45	1.72	-1.36	-1.18	1.54	-0.72
		1252	39.46	1.76	-13.67	-13.65	1.75	-0.52	5.19	0.46	0.49	5.16	-0.35
		1251	39.19	2.47	-12.07	-12.02	2.42	-0.86	5.29	0.52	0.68	5.13	-0.85
1064	4	1232	8.43	4.01	-4.73	-4.45	3.73	-1.53	-0.51	-0.64	-0.58	-0.58	0.06
		1233	9.99	3.68	-5.87	-5.76	3.58	-0.98	-0.60	-0.72	-0.70	-0.62	0.04
		1252	13.54	3.32	-6.76	-6.76	3.32	0.05	0.53	-0.38	-0.38	0.53	0.04
		1251	12.10	3.41	-5.51	-5.51	3.41	0.04	0.59	-0.26	-0.25	0.59	0.06
1065	1	1233	109.92	6.28	-53.36	-52.47	5.39	-7.23	6.94	-4.17	-3.64	6.41	-2.37
		1234	106.73	3.56	-58.67	-58.53	3.42	-2.96	9.36	-0.81	-0.79	9.34	-0.42
		1253	116.06	0.99	-43.54	-43.53	0.98	-0.59	15.45	1.23	1.25	15.43	-0.57
		1252	118.78	2.76	-41.54	-41.49	2.71	-1.47	16.61	2.27	2.36	16.53	-1.11
1065	2	1233	26.39	8.98	-15.87	-15.65	8.76	-2.33	-1.75	-2.00	-1.93	-1.82	0.12
		1234	29.33	8.61	-17.81	-17.76	8.56	-1.13	-1.87	-2.14	-2.13	-1.88	0.05
		1253	38.30	8.11	-20.26	-20.26	8.11	0.25	1.31	-1.24	-1.24	1.31	0.04
		1252	35.86	8.22	-18.26	-18.26	8.21	0.47	1.41	-1.04	-1.03	1.41	0.10
1065	3	1233	34.74	2.89	-16.97	-16.66	2.58	-2.44	1.97	-1.36	-1.21	1.82	-0.69
		1234	33.90	2.02	-18.67	-18.62	1.96	-1.02	2.69	-0.38	-0.38	2.69	-0.12
		1253	37.32	1.15	-14.42	-14.41	1.15	-0.21	4.68	0.27	0.28	4.68	-0.17
		1252	37.93	1.70	-13.67	-13.66	1.69	-0.52	5.03	0.60	0.62	5.01	-0.32
1065	4	1233	9.98	3.68	-5.86	-5.76	3.58	-0.98	-0.60	-0.72	-0.70	-0.62	0.04
		1234	11.03	3.51	-6.56	-6.54	3.49	-0.48	-0.63	-0.78	-0.77	-0.64	0.02
		1253	14.44	3.26	-7.52	-7.52	3.26	0.03	0.50	-0.46	-0.46	0.50	0.02
		1252	13.54	3.32	-6.77	-6.77	3.32	0.06	0.53	-0.38	-0.38	0.53	0.04
1066	1	1234	111.49	3.48	-58.75	-58.60	3.33	-3.03	10.29	-0.84	-0.69	10.14	-1.28
		1235	110.78	3.45	-59.27	-59.24	3.42	1.23	10.07	-0.81	-0.79	10.04	0.48
		1254	113.08	0.95	-44.09	-44.09	0.95	0.10	15.06	1.45	1.48	15.03	-0.63
		1253	111.96	0.86	-43.51	-43.50	0.85	-0.65	14.98	1.52	1.52	14.98	-0.18
1066	2	1234	29.32	8.62	-17.80	-17.75	8.57	-1.14	-1.86	-2.15	-2.13	-1.88	0.06
		1235	30.30	8.50	-18.45	-18.45	8.50	4.50e-03	-1.90	-2.20	-2.20	-1.90	-4.19e-03
		1254	39.14	8.07	-20.94	-20.94	8.07	-2.18e-03	1.28	-1.31	-1.31	1.28	-4.12e-03
		1253	38.31	8.10	-20.28	-20.28	8.10	0.26	1.31	-1.24	-1.24	1.31	0.05
1066	3	1234	35.29	1.99	-18.69	-18.64	1.94	-1.04	2.97	-0.39	-0.35	2.92	-0.37
		1235	35.13	1.96	-18.89	-18.88	1.95	0.36	2.90	-0.39	-0.38	2.89	0.14
		1254	36.47	1.13	-14.63	-14.63	1.13	0.03	4.57	0.33	0.34	4.56	-0.19
		1253	36.10	1.11	-14.41	-14.41	1.11	-0.23	4.54	0.36	0.36	4.54	-0.05



1066	4	1234	11.03	3.51	-6.56	-6.53	3.49	-0.48	-0.63	-0.78	-0.77	-0.64	0.02
		1235	11.38	3.46	-6.79	-6.79	3.46	1.70e-03	-0.64	-0.80	-0.80	-0.64	-1.37e-03
		1254	14.75	3.24	-7.77	-7.77	3.24	-8.46e-04	0.48	-0.49	-0.49	0.48	-1.35e-03
		1253	14.45	3.26	-7.52	-7.52	3.26	0.04	0.50	-0.46	-0.46	0.49	0.02
1067	1	1235	106.96	3.54	-59.18	-59.16	3.51	1.15	9.25	-0.90	-0.89	9.24	-0.38
		1236	108.83	6.14	-54.88	-54.39	5.66	5.41	6.36	-4.18	-3.93	6.11	1.58
		1255	120.89	3.01	-43.31	-43.29	2.99	0.92	16.69	2.23	2.24	16.68	0.32
		1254	116.85	1.07	-44.14	-44.14	1.07	0.03	15.48	1.20	1.21	15.48	-0.24
1067	2	1235	30.30	8.50	-18.45	-18.45	8.50	-4.51e-03	-1.90	-2.20	-2.20	-1.90	4.19e-03
		1236	29.32	8.62	-17.80	-17.75	8.57	1.14	-1.86	-2.15	-2.13	-1.88	-0.06
		1255	38.31	8.10	-20.28	-20.28	8.10	-0.26	1.31	-1.24	-1.24	1.31	-0.05
		1254	39.14	8.07	-20.94	-20.94	8.07	2.17e-03	1.28	-1.31	-1.31	1.28	4.12e-03
1067	3	1235	34.02	1.99	-18.86	-18.86	1.98	0.34	2.66	-0.41	-0.41	2.66	-0.11
		1236	34.58	2.78	-17.54	-17.39	2.63	1.75	1.80	-1.38	-1.31	1.73	0.46
		1255	38.69	1.75	-14.35	-14.34	1.74	0.31	5.05	0.57	0.57	5.05	0.09
		1254	37.60	1.16	-14.65	-14.65	1.16	0.01	4.69	0.26	0.26	4.69	-0.07
1067	4	1235	11.38	3.46	-6.79	-6.79	3.46	-1.71e-03	-0.64	-0.80	-0.80	-0.64	1.37e-03
		1236	11.03	3.51	-6.56	-6.53	3.49	0.48	-0.63	-0.78	-0.77	-0.64	-0.02
		1255	14.45	3.26	-7.52	-7.52	3.26	-0.04	0.50	-0.46	-0.46	0.49	-0.02
		1254	14.75	3.24	-7.77	-7.77	3.24	8.45e-04	0.48	-0.49	-0.49	0.48	1.35e-03
1068	1	1236	104.44	6.26	-54.74	-54.25	5.77	5.46	5.46	-4.16	-3.86	5.16	1.69
		1237	102.58	9.25	-47.42	-45.87	7.70	9.24	3.00	-6.98	-5.34	1.37	3.69
		1256	126.39	5.55	-39.93	-39.85	5.47	1.91	17.48	1.95	2.26	17.17	2.17
		1255	125.97	3.20	-43.33	-43.31	3.19	0.91	17.21	1.79	1.80	17.20	0.44
1068	2	1236	29.33	8.61	-17.81	-17.76	8.56	1.13	-1.87	-2.14	-2.13	-1.88	-0.05
		1237	26.39	8.98	-15.87	-15.65	8.76	2.33	-1.75	-2.00	-1.93	-1.82	-0.12
		1256	35.86	8.22	-18.26	-18.26	8.21	-0.47	1.41	-1.04	-1.03	1.41	-0.10
		1255	38.30	8.11	-20.26	-20.26	8.11	-0.25	1.31	-1.24	-1.24	1.31	-0.04
1068	3	1236	33.29	2.81	-17.50	-17.35	2.66	1.76	1.53	-1.37	-1.29	1.45	0.49
		1237	32.48	3.77	-15.21	-14.71	3.27	3.03	0.80	-2.18	-1.71	0.33	1.08
		1256	40.14	2.53	-13.20	-13.17	2.50	0.65	5.28	0.51	0.59	5.20	0.63
		1255	40.21	1.81	-14.35	-14.35	1.80	0.31	5.21	0.44	0.44	5.20	0.13
1068	4	1236	11.03	3.51	-6.56	-6.54	3.49	0.48	-0.63	-0.78	-0.77	-0.64	-0.02
		1237	9.98	3.68	-5.86	-5.76	3.58	0.98	-0.60	-0.72	-0.70	-0.62	-0.04
		1256	13.54	3.32	-6.77	-6.77	3.32	-0.06	0.53	-0.38	-0.38	0.53	-0.04
		1255	14.44	3.26	-7.52	-7.52	3.26	-0.03	0.50	-0.46	-0.46	0.50	-0.02
1069	1	1237	102.72	9.27	-47.34	-45.77	7.70	9.29	3.18	-7.01	-5.12	1.29	3.96
		1238	99.60	11.34	-38.67	-35.65	8.32	11.91	2.79	-8.49	-4.56	-1.14	5.38
		1257	119.11	7.15	-33.70	-33.52	6.96	2.74	16.10	0.83	1.79	15.15	3.69
		1256	126.90	5.64	-39.85	-39.77	5.56	1.93	17.45	1.80	2.09	17.15	2.13
1069	2	1237	26.42	8.97	-15.89	-15.67	8.75	2.32	-1.75	-2.00	-1.93	-1.82	-0.11
		1238	22.27	9.67	-12.74	-12.14	9.06	3.63	-1.48	-1.84	-1.60	-1.72	-0.17
		1257	31.91	8.40	-14.87	-14.86	8.38	-0.60	1.58	-0.69	-0.68	1.57	-0.15
		1256	35.84	8.24	-18.23	-18.22	8.23	-0.46	1.41	-1.04	-1.03	1.41	-0.09
1069	3	1237	32.50	3.77	-15.18	-14.68	3.27	3.05	0.85	-2.19	-1.65	0.31	1.16
		1238	31.17	4.50	-12.41	-11.42	3.51	3.98	0.73	-2.59	-1.45	-0.41	1.58
		1257	37.72	3.06	-11.10	-11.03	2.99	0.95	4.88	0.21	0.48	4.61	1.08
		1256	40.30	2.56	-13.17	-13.14	2.53	0.66	5.28	0.46	0.54	5.19	0.62
1069	4	1237	9.99	3.68	-5.87	-5.76	3.58	0.98	-0.60	-0.72	-0.70	-0.62	-0.04
		1238	8.43	4.01	-4.73	-4.45	3.73	1.53	-0.51	-0.64	-0.58	-0.58	-0.06
		1257	12.10	3.41	-5.51	-5.51	3.41	-0.04	0.59	-0.26	-0.25	0.59	-0.06
		1256	13.54	3.32	-6.76	-6.76	3.32	-0.05	0.53	-0.38	-0.38	0.53	-0.04
1070	1	1238	99.65	11.29	-38.62	-35.61	8.28	11.90	2.88	-8.43	-4.53	-1.02	5.38
		1239	97.01	12.62	-29.50	-24.75	7.88	13.32	3.33	-8.95	-3.58	-2.05	6.09
		1258	104.58	7.59	-25.54	-25.22	7.28	3.20	13.87	-0.32	1.40	12.14	4.64
		1257	118.26	7.16	-33.58	-33.39	6.97	2.76	15.97	0.84	1.79	15.03	3.67
1070	2	1238	22.24	9.65	-12.77	-12.17	9.05	3.62	-1.49	-1.83	-1.60	-1.72	-0.16
		1239	22.17	10.93	-8.62	-7.17	9.48	5.12	-1.04	-1.67	-1.14	-1.58	-0.22
		1258	26.86	8.62	-10.06	-10.04	8.60	-0.59	1.80	-0.21	-0.19	1.78	-0.20
		1257	31.88	8.42	-14.82	-14.80	8.41	-0.59	1.58	-0.69	-0.68	1.57	-0.14
1070	3	1238	31.19	4.49	-12.40	-11.41	3.49	3.98	0.76	-2.58	-1.44	-0.37	1.58
		1239	30.11	5.08	-9.44	-7.82	3.45	4.57	0.90	-2.70	-1.13	-0.67	1.79
		1258	33.06	3.26	-8.33	-8.21	3.14	1.15	4.22	-0.08	0.40	3.73	1.36
		1257	37.47	3.06	-11.06	-10.99	3.00	0.95	4.84	0.22	0.48	4.57	1.07
1070	4	1238	8.42	4.00	-4.74	-4.47	3.72	1.53	-0.52	-0.64	-0.58	-0.58	-0.06
		1239	8.54	4.57	-3.25	-2.61	3.93	2.14	-0.36	-0.57	-0.40	-0.53	-0.08
		1258	10.26	3.54	-3.71	-3.71	3.54	0.02	0.67	-0.08	-0.07	0.66	-0.08
		1257	12.09	3.42	-5.48	-5.48	3.42	-0.04	0.59	-0.26	-0.25	0.59	-0.05
1071	1	1239	96.94	12.58	-29.49	-24.75	7.84	13.30	3.34	-8.92	-3.59	-2.00	6.08
		1240	93.56	13.86	-20.58	-13.57	6.85	13.86	3.94	-8.74	-2.54	-2.27	6.34
		1259	89.26	7.24	-16.32	-15.87	6.79	3.24	11.72	-1.33	1.18	9.21	5.15
		1258	104.14	7.59	-25.41	-25.10	7.27	3.21	13.81	-0.31	1.41	12.09	4.62
1071	2	1239	22.12	10.90	-8.66	-7.22	9.46	5.10	-1.05	-1.67	-1.13	-1.58	-0.21
		1240	22.71	13.32	-4.06	-0.71	9.98	6.85	-0.47	-1.49	-0.54	-1.42	-0.27
		1259	21.88	8.85	-3.76	-3.75	8.83	-0.41	2.07	0.40	0.43	2.03	-0.25
		1258	26.84	8.66	-9.98	-9.97	8.64	-0.57	1.80	-0.21	-0.19	1.78	-0.19
1071	3	1239	30.10	5.06	-9.44	-7.83	3.44	4.57	0.91	-2.69	-1.13	-0.65	1.78



		1240	29.00	5.73	-6.52	-4.03	3.24	4.93	1.11	-2.61	-0.78	-0.72	1.86
		1259	28.14	3.26	-5.15	-4.96	3.07	1.24	3.59	-0.32	0.38	2.88	1.50
		1258	32.94	3.26	-8.28	-8.17	3.15	1.15	4.20	-0.08	0.40	3.72	1.35
1071	4	1239	8.52	4.56	-3.27	-2.63	3.92	2.14	-0.37	-0.57	-0.40	-0.53	-0.08
		1240	8.91	5.57	-1.62	-0.22	4.17	2.85	-0.15	-0.50	-0.18	-0.47	-0.10
		1259	8.45	3.69	-1.38	-1.37	3.68	0.16	0.77	0.15	0.16	0.76	-0.10
		1258	10.25	3.55	-3.68	-3.68	3.55	0.03	0.67	-0.08	-0.07	0.66	-0.07
1072	1	1240	93.53	13.81	-20.59	-13.60	6.82	13.84	3.94	-8.73	-2.54	-2.25	6.33
		1241	89.63	16.05	-12.73	-2.21	5.53	13.85	4.56	-8.00	-1.38	-2.06	6.27
		1260	75.55	6.54	-6.64	-5.95	5.85	2.93	9.89	-2.12	1.16	6.61	5.35
		1259	89.06	7.26	-16.20	-15.74	6.80	3.25	11.69	-1.34	1.16	9.19	5.13
1072	2	1240	22.63	13.27	-4.10	-0.78	9.95	6.83	-0.46	-1.49	-0.54	-1.41	-0.26
		1241	24.39	17.98	-0.13	7.29	10.55	8.90	0.25	-1.29	0.18	-1.22	-0.31
		1260	20.17	9.06	4.08	4.08	9.06	0.02	2.40	1.12	1.20	2.32	-0.30
		1259	21.90	8.91	-3.67	-3.66	8.90	-0.36	2.07	0.39	0.43	2.03	-0.24
1072	3	1240	28.99	5.71	-6.53	-4.04	3.23	4.92	1.11	-2.60	-0.78	-0.72	1.86
		1241	28.03	6.81	-3.91	-0.07	2.96	5.14	1.32	-2.35	-0.38	-0.65	1.83
		1260	23.78	3.21	-1.77	-1.44	2.88	1.24	3.06	-0.49	0.43	2.13	1.56
		1259	28.09	3.27	-5.11	-4.92	3.08	1.25	3.58	-0.33	0.38	2.87	1.50
1072	4	1240	8.88	5.55	-1.64	-0.24	4.16	2.84	-0.15	-0.50	-0.18	-0.47	-0.10
		1241	9.69	7.37	-0.17	2.74	4.45	3.67	0.11	-0.43	0.08	-0.40	-0.12
		1260	7.81	3.89	1.47	1.53	3.83	0.38	0.89	0.41	0.44	0.86	-0.11
		1259	8.47	3.71	-1.34	-1.34	3.71	0.18	0.77	0.14	0.16	0.76	-0.09
1073	1	1241	89.62	15.99	-12.75	-2.26	5.50	13.83	4.59	-7.98	-1.35	-2.04	6.27
		1242	86.01	20.47	-7.00	9.35	4.12	13.49	5.16	-6.82	-0.13	-1.53	5.95
		1261	65.08	6.81	2.14	4.25	4.71	2.33	8.42	-2.60	1.37	4.46	5.29
		1260	75.41	6.58	-6.52	-5.82	5.88	2.95	9.83	-2.16	1.08	6.59	5.32
1073	2	1241	24.28	17.87	-0.16	7.21	10.50	8.86	0.26	-1.28	0.20	-1.22	-0.31
		1242	27.68	25.77	2.33	16.91	11.20	11.37	1.07	-1.07	1.01	-1.02	-0.33
		1261	25.76	13.68	9.11	13.55	9.23	0.75	2.82	1.93	2.11	2.63	-0.36
		1260	20.21	9.17	4.20	4.20	9.17	0.11	2.39	1.10	1.17	2.32	-0.30
1073	3	1241	28.02	6.78	-3.92	-0.09	2.95	5.13	1.33	-2.35	-0.37	-0.64	1.83
		1242	27.55	8.69	-1.96	4.07	2.66	5.28	1.54	-1.97	0.05	-0.48	1.74
		1261	20.68	3.65	1.27	2.29	2.63	1.18	2.65	-0.57	0.56	1.51	1.54
		1260	23.76	3.24	-1.73	-1.39	2.90	1.26	3.04	-0.51	0.41	2.12	1.55
1073	4	1241	9.66	7.33	-0.19	2.71	4.43	3.66	0.12	-0.43	0.09	-0.40	-0.11
		1242	11.03	10.24	0.82	6.30	4.76	4.65	0.41	-0.35	0.39	-0.33	-0.13
		1261	9.77	5.40	3.62	5.05	3.97	0.71	1.04	0.71	0.78	0.97	-0.14
		1260	7.84	3.95	1.51	1.58	3.87	0.41	0.89	0.40	0.43	0.86	-0.11
1074	1	1242	85.88	20.40	-6.98	9.33	4.09	13.43	5.22	-6.75	-4.03e-03	-1.52	5.94
		1243	83.47	27.72	-3.83	21.04	2.84	12.89	5.67	-5.28	1.12	-0.73	5.40
		1262	60.07	14.85	3.23	14.63	3.46	1.60	7.45	-2.66	1.94	2.84	5.03
		1261	64.69	6.95	2.20	4.39	4.76	2.37	8.23	-2.78	1.06	4.39	5.25
1074	2	1242	27.58	25.57	2.31	16.81	11.07	11.27	1.14	-1.07	1.09	-1.01	-0.35
		1243	42.39	36.52	3.55	28.05	12.02	14.40	1.92	-0.82	1.89	-0.79	-0.29
		1262	38.33	25.11	8.97	24.87	9.20	1.93	3.46	2.56	3.18	2.84	-0.42
		1261	25.56	13.90	9.26	13.71	9.45	0.92	2.79	1.84	2.00	2.63	-0.36
1074	3	1242	27.49	8.65	-1.95	4.05	2.64	5.25	1.56	-1.94	0.10	-0.48	1.73
		1243	27.89	11.53	-0.76	8.35	2.42	5.38	1.75	-1.49	0.49	-0.22	1.58
		1262	19.82	6.50	2.04	6.21	2.33	1.11	2.39	-0.53	0.81	1.05	1.46
		1261	20.58	3.73	1.29	2.35	2.67	1.21	2.59	-0.63	0.46	1.49	1.52
1074	4	1242	11.00	10.17	0.81	6.27	4.71	4.61	0.44	-0.35	0.42	-0.32	-0.13
		1243	16.03	14.19	1.38	10.43	5.14	5.83	0.73	-0.25	0.72	-0.24	-0.11
		1262	14.30	9.51	3.77	9.24	4.03	1.21	1.28	0.94	1.18	1.04	-0.16
		1261	9.72	5.52	3.64	5.11	4.06	0.78	1.03	0.68	0.74	0.97	-0.14
1075	1	1243	82.99	27.61	-3.68	21.26	2.67	12.59	5.82	-5.02	1.51	-0.71	5.30
		1244	82.50	36.19	-1.95	31.62	2.62	12.39	6.21	-3.30	2.47	0.44	4.65
		1263	64.52	25.47	1.15	25.34	1.29	1.79	7.25	-1.99	3.26	2.01	4.58
		1262	58.22	15.04	3.54	14.79	3.78	1.66	6.83	-3.31	0.89	2.63	4.99
1075	2	1243	42.16	36.11	3.52	27.99	11.64	14.10	2.00	-0.84	1.95	-0.79	-0.36
		1244	60.97	49.16	4.06	39.53	13.68	18.48	3.01	0.13	3.01	0.13	2.30e-03
		1263	57.10	39.51	7.48	38.87	8.12	4.48	4.33	2.00	4.26	2.07	-0.41
		1262	36.99	25.52	9.52	25.20	9.84	2.24	3.21	2.43	2.84	2.80	-0.39
1075	3	1243	27.71	11.45	-0.70	8.41	2.34	5.27	1.79	-1.40	0.61	-0.22	1.54
		1244	29.24	14.88	9.67e-03	12.34	2.55	5.59	2.01	-0.86	0.98	0.18	1.38
		1263	22.70	10.64	1.46	10.42	1.68	1.40	2.36	-0.34	1.28	0.74	1.32
		1262	19.17	6.61	2.16	6.28	2.49	1.16	2.19	-0.74	0.47	0.98	1.45
1075	4	1243	15.89	14.02	1.38	10.40	5.00	5.72	0.76	-0.26	0.74	-0.24	-0.13
		1244	23.03	18.87	1.63	14.68	5.83	7.40	1.14	0.09	1.14	0.09	2.54e-03
		1263	21.14	14.87	3.27	14.43	3.70	2.20	1.61	0.73	1.58	0.76	-0.16
		1262	13.85	9.70	3.95	9.37	4.28	1.33	1.19	0.89	1.05	1.03	-0.15
1076	1	1244	81.79	35.66	-2.55	30.90	2.21	12.62	6.38	-2.58	3.27	0.54	4.27
		248	88.16	40.24	0.28	37.61	2.91	9.90	8.20	-0.78	5.51	1.91	4.11
		195	83.63	36.44	-6.16	33.99	-3.71	9.93	7.84	0.45	6.36	1.93	2.96
		1263	58.63	28.82	2.27	28.77	2.33	1.18	5.91	-3.81	0.38	1.73	4.81
1076	2	1244	56.72	50.06	4.12	40.11	14.06	18.92	1.89	0.23	1.88	0.23	0.08
		248	91.24	53.92	3.24	39.16	18.01	23.03	9.96	5.29	9.86	5.39	-0.68



		195	103.99	68.87	-0.56	63.95	4.36	17.82	6.13	-0.61	6.12	-0.59	-0.31
		1263	51.23	40.77	8.30	40.29	8.78	3.91	2.71	0.98	2.71	0.98	-0.05
1076	3	1244	28.83	14.79	-0.16	12.17	2.46	5.69	2.02	-0.68	1.13	0.21	1.27
		248	32.76	16.13	0.93	14.04	3.02	5.24	3.04	0.35	2.38	1.02	1.16
		195	32.52	16.33	-1.44	14.89	7.29e-03	4.85	2.68	0.17	2.34	0.50	0.85
		1263	20.45	11.69	1.90	11.54	2.05	1.20	1.86	-0.98	0.31	0.57	1.42
1076	4	1244	21.52	19.21	1.66	14.90	5.97	7.55	0.72	0.12	0.72	0.12	0.03
		248	34.26	20.77	1.22	14.50	7.49	9.13	3.71	2.01	3.67	2.05	-0.26
		195	38.60	25.96	0.20	23.76	2.40	7.19	2.27	-0.25	2.27	-0.24	-0.11
		1263	18.96	15.31	3.60	14.95	3.96	2.01	1.00	0.35	1.00	0.35	-0.02
1077	1	97	85.01	41.66	-8.20	36.25	-2.80	-15.50	5.86	-1.23	4.39	0.24	-2.88
		1245	94.60	40.62	-9.19	28.70	2.73	-21.26	5.41	-4.83	0.35	0.23	-5.12
		1264	56.30	21.42	-3.55	14.83	3.04	-11.00	5.17	-0.95	2.16	2.06	-3.06
		158	59.61	26.81	-2.79	21.38	2.64	-11.45	4.07	-2.75	0.60	0.71	-3.41
1077	2	97	102.20	69.26	-3.66	63.36	2.24	-19.89	6.88	2.46	6.86	2.48	0.25
		1245	68.14	58.55	-9.68	40.30	8.57	-30.20	4.14	1.75	3.55	2.34	1.03
		1264	47.62	41.18	1.76	35.79	7.15	-13.54	2.51	0.03	2.21	0.33	0.81
		158	80.09	43.59	2.69	35.43	10.86	-16.35	8.76	2.55	8.66	2.65	0.80
1077	3	97	32.61	17.98	-2.42	15.50	0.06	-6.66	2.20	-0.06	1.83	0.32	-0.84
		1245	33.26	17.13	-3.46	11.52	2.15	-9.16	1.76	-1.12	0.38	0.25	-1.44
		1264	20.19	10.06	-0.88	7.10	2.08	-4.86	1.62	-0.09	0.84	0.69	-0.85
		158	22.51	11.86	-0.55	8.98	2.34	-5.24	1.57	-0.37	0.81	0.39	-0.95
1077	4	97	38.01	26.11	-1.03	23.53	1.56	-7.96	2.57	0.97	2.56	0.98	0.09
		1245	25.93	22.46	-3.63	14.96	3.88	-11.81	1.55	0.66	1.33	0.88	0.38
		1264	17.97	15.82	0.78	13.31	3.29	-5.61	0.97	0.06	0.86	0.18	0.30
		158	29.77	16.85	1.07	13.14	4.78	-6.70	3.23	0.92	3.19	0.96	0.30
1078	1	1245	93.50	37.45	-11.02	25.10	1.32	-21.12	7.12	-2.31	3.02	1.80	-4.67
		1246	95.70	31.10	-13.49	13.68	3.93	-21.76	7.70	-3.19	1.12	3.40	-5.32
		1265	62.63	18.06	-6.12	8.48	3.46	-11.83	6.30	-1.26	1.69	3.34	-3.69
		1264	56.43	22.79	-2.80	16.50	3.49	-11.02	4.40	-2.21	0.82	1.36	-3.29
1078	2	1245	69.07	55.06	-7.57	38.87	8.63	-27.42	4.70	2.49	4.37	2.82	0.79
		1246	53.61	43.37	-8.81	25.15	9.41	-24.87	3.49	2.54	2.93	3.09	0.47
		1265	39.38	30.58	-0.17	24.08	6.33	-12.55	1.67	-1.43	1.63	-1.39	0.34
		1264	51.70	41.22	0.74	35.04	6.92	-14.56	2.83	-0.07	2.71	0.06	0.59
1078	3	1245	33.00	15.91	-3.82	10.35	1.74	-8.88	2.33	-0.36	1.22	0.75	-1.32
		1246	32.74	13.23	-4.79	5.95	2.49	-8.84	2.47	-0.69	0.55	1.23	-1.54
		1265	21.21	8.30	-1.90	4.34	2.06	-4.97	1.86	-0.29	0.64	0.94	-1.06
		1264	20.34	10.48	-0.76	7.53	2.20	-4.95	1.39	-0.47	0.47	0.46	-0.93
1078	4	1245	26.12	21.13	-2.80	14.43	3.91	-10.75	1.75	0.92	1.62	1.05	0.30
		1246	20.63	16.84	-3.38	9.35	4.11	-9.77	1.29	0.94	1.09	1.14	0.18
		1265	14.77	11.94	-0.06	8.97	2.91	-5.19	0.64	-0.48	0.62	-0.47	0.13
		1264	19.42	15.87	0.37	13.02	3.21	-6.00	1.07	0.02	1.02	0.07	0.22
1079	1	1246	95.16	30.69	-13.79	13.31	3.58	-21.70	8.20	-2.30	2.14	3.76	-5.19
		1247	100.25	24.91	-17.80	2.17	4.94	-21.31	9.46	-2.34	1.35	5.77	-5.47
		1266	66.74	13.85	-9.41	0.33	4.10	-11.47	7.46	-0.90	1.47	5.10	-3.77
		1265	61.86	18.18	-5.78	8.64	3.76	-11.73	5.92	-1.71	1.10	3.11	-3.68
1079	2	1246	53.88	42.81	-8.46	24.91	9.44	-24.44	3.60	2.65	3.22	3.03	0.46
		1247	41.32	32.46	-9.51	13.68	9.27	-20.87	2.85	1.86	2.02	2.70	0.36
		1266	25.58	20.91	-1.13	13.29	6.49	-10.49	0.73	-1.81	0.70	-1.78	0.25
		1265	38.36	30.47	-0.15	23.95	6.36	-12.54	1.63	-1.29	1.58	-1.24	0.37
1079	3	1246	32.61	13.06	-4.84	5.82	2.39	-8.78	2.62	-0.41	0.87	1.33	-1.50
		1247	33.38	10.55	-6.17	1.68	2.70	-8.35	2.96	-0.50	0.55	1.91	-1.59
		1266	21.56	6.33	-3.03	1.12	2.18	-4.65	2.15	-0.22	0.50	1.43	-1.09
		1265	20.89	8.33	-1.81	4.38	2.15	-4.95	1.75	-0.41	0.46	0.88	-1.06
1079	4	1246	20.68	16.63	-3.24	9.26	4.13	-9.59	1.34	0.98	1.19	1.12	0.18
		1247	16.11	12.77	-3.69	5.10	3.98	-8.21	1.06	0.69	0.75	0.99	0.14
		1266	10.27	8.40	-0.55	4.95	2.89	-4.35	0.29	-0.62	0.28	-0.61	0.10
		1265	14.41	11.91	-0.07	8.91	2.92	-5.18	0.62	-0.43	0.60	-0.41	0.14
1080	1	1247	99.76	24.77	-17.92	1.96	4.88	-21.29	9.58	-2.03	1.68	5.87	-5.42
		1248	106.38	19.78	-22.82	-8.95	5.91	-19.97	11.25	-1.52	1.44	8.30	-5.38
		1267	71.98	10.37	-13.79	-7.69	4.28	-10.49	8.79	-0.28	1.48	7.02	-3.59
		1266	66.76	13.91	-9.33	0.41	4.16	-11.47	7.37	-1.07	1.26	5.04	-3.77
1080	2	1247	41.30	32.27	-9.36	13.57	9.34	-20.71	2.88	1.96	2.13	2.71	0.36
		1248	33.51	24.09	-10.82	4.18	9.09	-17.28	2.44	1.11	1.18	2.37	0.30
		1267	24.69	14.10	-3.38	4.19	6.53	-8.66	-0.23	-2.28	-0.25	-2.26	0.19
		1266	25.69	20.95	-1.18	13.31	6.46	-10.52	0.67	-1.80	0.64	-1.77	0.26
1080	3	1247	33.22	10.49	-6.19	1.62	2.69	-8.32	3.00	-0.40	0.66	1.94	-1.57
		1248	34.72	8.34	-7.75	-2.32	2.90	-7.61	3.47	-0.32	0.51	2.63	-1.57
		1267	22.62	4.73	-4.53	-1.95	2.16	-4.15	2.50	-0.09	0.44	1.97	-1.05
		1266	21.55	6.35	-3.01	1.14	2.19	-4.65	2.12	-0.27	0.44	1.41	-1.09
1080	4	1247	16.10	12.70	-3.63	5.06	4.01	-8.15	1.07	0.72	0.79	1.00	0.14
		1248	13.21	9.62	-4.20	1.57	3.84	-6.82	0.90	0.41	0.44	0.87	0.12
		1267	9.74	5.86	-1.47	1.57	2.82	-3.61	-0.07	-0.79	-0.08	-0.78	0.08
		1266	10.32	8.41	-0.58	4.96	2.87	-4.37	0.27	-0.62	0.25	-0.60	0.10
1081	1	1248	106.21	19.70	-22.94	-9.12	5.89	-19.95	11.29	-1.41	1.54	8.34	-5.37
		1249	113.53	15.35	-28.38	-19.52	6.48	-17.58	13.19	-0.56	1.59	11.04	-4.99
		1268	77.76	7.51	-18.65	-15.17	4.03	-8.89	10.16	0.43	1.66	8.93	-3.23



1081	2	1267	72.14	10.41	-13.74	-7.64	4.31	-10.49	8.78	-0.34	1.42	7.02	-3.60
		1248	33.48	23.99	-10.79	4.08	9.11	-17.21	2.45	1.14	1.21	2.37	0.30
		1249	30.76	17.94	-12.75	-3.67	8.86	-14.01	2.11	0.40	0.44	2.08	0.25
		1268	25.40	10.13	-6.93	-3.28	6.48	-7.01	-1.06	-2.75	-1.07	-2.74	0.13
1081	3	1267	24.66	14.13	-3.38	4.24	6.51	-8.68	-0.26	-2.28	-0.27	-2.26	0.19
		1248	34.66	8.30	-7.78	-2.38	2.90	-7.60	3.48	-0.29	0.55	2.65	-1.56
		1249	36.60	6.46	-9.51	-6.04	2.99	-6.59	4.03	-0.10	0.50	3.43	-1.46
		1268	24.11	3.48	-6.21	-4.74	2.01	-3.48	2.87	0.07	0.43	2.50	-0.94
1081	4	1267	22.67	4.74	-4.52	-1.94	2.16	-4.15	2.49	-0.11	0.42	1.97	-1.05
		1248	13.19	9.58	-4.19	1.54	3.85	-6.79	0.91	0.42	0.45	0.88	0.11
		1249	12.08	7.25	-4.90	-1.34	3.69	-5.53	0.79	0.15	0.16	0.77	0.10
		1268	9.78	4.29	-2.77	-1.22	2.74	-2.92	-0.37	-0.96	-0.38	-0.96	0.06
1082	1	1267	9.73	5.87	-1.47	1.58	2.81	-3.62	-0.08	-0.79	-0.08	-0.78	0.08
		1249	113.60	15.30	-28.50	-19.69	6.48	-17.56	13.22	-0.52	1.62	11.08	-4.98
		1250	120.19	11.30	-34.00	-29.03	6.33	-14.16	15.05	0.48	1.82	13.71	-4.21
		1269	82.94	4.97	-23.38	-21.63	3.23	-6.82	11.40	1.12	1.90	10.61	-2.73
1082	2	1268	77.88	7.53	-18.61	-15.14	4.06	-8.87	10.18	0.42	1.65	8.95	-3.23
		1249	30.78	17.88	-12.78	-3.76	8.86	-13.97	2.12	0.41	0.45	2.08	0.25
		1250	31.73	13.70	-15.06	-9.98	8.62	-10.96	1.84	-0.20	-0.18	1.82	0.20
		1269	26.94	8.10	-10.97	-9.24	6.38	-5.47	-1.73	-3.18	-1.74	-3.18	0.09
1082	3	1268	25.36	10.15	-6.91	-3.23	6.47	-7.02	-1.06	-2.75	-1.07	-2.74	0.12
		1249	36.62	6.44	-9.55	-6.10	2.99	-6.58	4.04	-0.09	0.51	3.44	-1.45
		1250	38.48	4.83	-11.30	-9.34	2.87	-5.28	4.58	0.15	0.53	4.20	-1.23
		1269	25.58	2.46	-7.87	-7.12	1.71	-2.68	3.20	0.22	0.45	2.97	-0.80
1082	4	1268	24.15	3.49	-6.20	-4.73	2.02	-3.48	2.87	0.06	0.43	2.51	-0.94
		1249	12.08	7.23	-4.91	-1.38	3.69	-5.52	0.79	0.15	0.17	0.77	0.10
		1250	12.28	5.57	-5.72	-3.69	3.55	-4.33	0.69	-0.08	-0.07	0.68	0.08
		1269	10.15	3.40	-4.21	-3.45	2.64	-2.28	-0.62	-1.12	-0.63	-1.11	0.04
1083	1	1268	9.76	4.29	-2.76	-1.20	2.73	-2.93	-0.38	-0.96	-0.38	-0.96	0.05
		1250	120.38	11.25	-34.12	-29.19	6.32	-14.12	15.10	0.52	1.84	13.78	-4.19
		1251	123.24	7.39	-38.94	-36.68	5.13	-9.98	16.24	1.33	1.97	15.60	-3.03
		1270	86.59	2.60	-27.40	-26.66	1.87	-4.63	12.31	1.62	2.09	11.85	-2.18
1083	2	1269	82.98	4.97	-23.35	-21.61	3.23	-6.79	11.42	1.13	1.92	10.63	-2.74
		1250	31.78	13.66	-15.10	-10.05	8.61	-10.94	1.84	-0.20	-0.18	1.82	0.19
		1251	34.29	10.94	-17.35	-14.82	8.40	-8.08	1.62	-0.68	-0.67	1.61	0.15
		1270	28.64	7.04	-14.57	-13.79	6.26	-4.03	-2.27	-3.55	-2.27	-3.55	0.05
1083	3	1269	26.90	8.11	-10.94	-9.20	6.38	-5.48	-1.74	-3.18	-1.74	-3.18	0.08
		1250	38.54	4.81	-11.34	-9.39	2.86	-5.26	4.59	0.16	0.53	4.22	-1.22
		1251	39.38	3.37	-12.89	-11.97	2.45	-3.76	4.92	0.36	0.53	4.75	-0.88
		1270	26.68	1.58	-9.30	-8.97	1.26	-1.86	3.45	0.33	0.47	3.31	-0.64
1083	4	1269	25.59	2.46	-7.86	-7.11	1.71	-2.67	3.21	0.22	0.46	2.98	-0.80
		1250	12.30	5.56	-5.73	-3.72	3.54	-4.32	0.69	-0.07	-0.07	0.68	0.08
		1251	13.10	4.45	-6.52	-5.49	3.42	-3.19	0.61	-0.25	-0.25	0.60	0.06
		1270	10.64	2.91	-5.51	-5.16	2.56	-1.68	-0.82	-1.25	-0.82	-1.25	0.02
1084	1	1269	10.14	3.41	-4.20	-3.44	2.64	-2.29	-0.63	-1.12	-0.63	-1.12	0.03
		1251	123.44	7.30	-39.02	-36.79	5.07	-9.91	16.32	1.39	2.00	15.70	-2.98
		1252	119.51	3.73	-42.38	-41.63	2.98	-5.84	15.95	1.53	1.73	15.76	-1.65
		1271	89.16	0.56	-30.29	-30.04	0.31	-2.79	12.90	1.81	2.05	12.66	-1.62
1084	2	1270	86.28	2.56	-27.35	-26.63	1.83	-4.61	12.27	1.61	2.09	11.79	-2.21
		1251	34.35	10.92	-17.40	-14.87	8.39	-8.08	1.62	-0.68	-0.67	1.61	0.14
		1252	36.88	9.26	-19.27	-18.23	8.23	-5.33	1.45	-1.03	-1.02	1.45	0.10
		1271	30.09	6.46	-17.29	-16.99	6.16	-2.66	-2.65	-3.83	-2.65	-3.83	0.03
1084	3	1270	28.62	7.05	-14.54	-13.76	6.26	-4.04	-2.27	-3.55	-2.27	-3.55	0.04
		1251	39.43	3.34	-12.92	-12.01	2.43	-3.74	4.95	0.37	0.54	4.78	-0.87
		1252	38.32	2.09	-14.02	-13.70	1.77	-2.26	4.84	0.38	0.44	4.79	-0.48
		1271	27.51	0.87	-10.34	-10.22	0.76	-1.15	3.60	0.36	0.43	3.53	-0.47
1084	4	1270	26.59	1.57	-9.28	-8.96	1.24	-1.85	3.44	0.33	0.47	3.29	-0.65
		1251	13.12	4.44	-6.53	-5.51	3.42	-3.19	0.61	-0.25	-0.25	0.60	0.06
		1252	13.97	3.74	-7.18	-6.76	3.32	-2.11	0.55	-0.38	-0.38	0.55	0.04
		1271	11.09	2.63	-6.49	-6.36	2.49	-1.11	-0.96	-1.35	-0.97	-1.35	0.01
1085	1	1270	10.63	2.91	-5.50	-5.14	2.56	-1.68	-0.82	-1.25	-0.82	-1.25	0.02
		1252	119.74	3.63	-42.40	-41.64	2.87	-5.85	16.05	1.60	1.80	15.85	-1.68
		1253	113.09	1.24	-44.08	-43.93	1.08	-2.67	14.82	1.23	1.26	14.80	-0.62
		1272	90.86	-0.69	-31.94	-31.87	-0.76	-1.50	13.17	1.77	1.84	13.10	-0.88
1085	2	1271	88.33	0.49	-30.24	-29.99	0.24	-2.78	12.74	1.76	2.00	12.50	-1.59
		1252	36.92	9.25	-19.30	-18.27	8.22	-5.33	1.45	-1.03	-1.02	1.45	0.09
		1253	38.66	8.36	-20.52	-20.27	8.11	-2.64	1.35	-1.23	-1.23	1.35	0.05
		1272	31.41	6.16	-18.96	-18.90	6.09	-1.32	-2.88	-4.00	-2.88	-4.00	0.02
1085	3	1271	30.08	6.47	-17.27	-16.97	6.16	-2.66	-2.65	-3.83	-2.65	-3.83	0.02
		1252	38.39	2.06	-14.03	-13.70	1.73	-2.26	4.87	0.40	0.46	4.81	-0.49
		1253	36.49	1.25	-14.60	-14.53	1.18	-1.05	4.50	0.27	0.28	4.49	-0.18
		1272	28.07	0.45	-10.95	-10.92	0.42	-0.60	3.67	0.33	0.35	3.65	-0.26
1085	4	1271	27.27	0.85	-10.33	-10.21	0.73	-1.14	3.56	0.34	0.41	3.49	-0.47
		1252	13.99	3.74	-7.20	-6.78	3.32	-2.10	0.55	-0.38	-0.38	0.55	0.04
		1253	14.59	3.36	-7.62	-7.52	3.26	-1.04	0.51	-0.46	-0.46	0.51	0.02
		1272	11.64	2.48	-7.10	-7.07	2.45	-0.55	-1.05	-1.42	-1.05	-1.42	7.27e-03
		1271	11.08	2.63	-6.49	-6.35	2.49	-1.11	-0.97	-1.35	-0.97	-1.35	0.01



1086	1	1253	113.28	1.20	-44.09	-43.91	1.02	-2.85	14.88	1.26	1.30	14.84	-0.81
		1254	113.43	1.11	-44.50	-44.50	1.11	-0.25	14.88	1.26	1.26	14.88	0.01
		1273	90.68	-0.72	-32.37	-32.36	-0.73	-0.47	13.11	1.79	1.79	13.11	0.06
		1272	90.26	-0.72	-31.91	-31.84	-0.79	-1.50	13.06	1.75	1.80	13.01	-0.74
1086	2	1253	38.68	8.35	-20.53	-20.29	8.11	-2.65	1.35	-1.23	-1.23	1.35	0.04
		1254	39.30	8.07	-20.96	-20.96	8.07	1.16e-03	1.32	-1.30	-1.30	1.32	3.98e-03
		1273	32.28	6.07	-19.52	-19.52	6.07	-2.89e-04	-2.96	-4.06	-2.96	-4.06	4.23e-03
		1272	31.40	6.16	-18.95	-18.88	6.10	-1.32	-2.88	-4.00	-2.88	-4.00	7.10e-03
1086	3	1253	36.55	1.23	-14.61	-14.53	1.16	-1.11	4.52	0.28	0.30	4.51	-0.24
		1254	36.61	1.18	-14.75	-14.75	1.18	-0.07	4.52	0.28	0.28	4.52	3.62e-03
		1273	28.04	0.42	-11.11	-11.11	0.42	-0.14	3.65	0.33	0.33	3.65	0.02
		1272	27.90	0.44	-10.94	-10.91	0.41	-0.60	3.64	0.32	0.34	3.63	-0.22
1086	4	1253	14.60	3.36	-7.63	-7.53	3.26	-1.05	0.51	-0.46	-0.46	0.51	0.02
		1254	14.81	3.24	-7.78	-7.78	3.24	3.98e-04	0.50	-0.48	-0.48	0.50	1.31e-03
		1273	11.96	2.43	-7.31	-7.31	2.43	-5.64e-05	-1.08	-1.44	-1.08	-1.44	1.39e-03
		1272	11.64	2.48	-7.10	-7.07	2.45	-0.55	-1.05	-1.42	-1.05	-1.42	4.47e-03
1087	1	1254	113.51	1.17	-44.54	-44.53	1.17	-0.42	14.84	1.22	1.22	14.84	-0.17
		1255	120.13	3.32	-43.61	-43.44	3.15	2.80	16.03	1.61	1.67	15.98	0.90
		1274	89.41	0.46	-31.55	-31.53	0.44	0.86	12.87	1.88	1.96	12.79	0.94
		1273	91.11	-0.68	-32.38	-32.38	-0.69	-0.47	13.20	1.83	1.83	13.20	0.20
1087	2	1254	39.30	8.07	-20.96	-20.96	8.07	-1.17e-03	1.32	-1.30	-1.30	1.32	-3.98e-03
		1255	38.68	8.35	-20.53	-20.29	8.11	2.65	1.35	-1.23	-1.23	1.35	-0.04
		1274	31.40	6.16	-18.95	-18.88	6.10	1.32	-2.88	-4.00	-2.88	-4.00	-7.10e-03
		1273	32.28	6.07	-19.52	-19.52	6.07	2.87e-04	-2.96	-4.06	-2.96	-4.06	-4.23e-03
1087	3	1254	36.64	1.19	-14.76	-14.76	1.19	-0.13	4.51	0.26	0.26	4.50	-0.05
		1255	38.54	1.86	-14.46	-14.39	1.79	1.09	4.86	0.39	0.40	4.84	0.26
		1274	27.63	0.79	-10.83	-10.82	0.77	0.41	3.58	0.36	0.38	3.56	0.28
		1273	28.16	0.43	-11.12	-11.12	0.43	-0.14	3.68	0.34	0.34	3.68	0.06
1087	4	1254	14.81	3.24	-7.78	-7.78	3.24	-3.99e-04	0.50	-0.48	-0.48	0.50	-1.31e-03
		1255	14.60	3.36	-7.63	-7.53	3.26	1.05	0.51	-0.46	-0.46	0.51	-0.02
		1274	11.64	2.48	-7.10	-7.07	2.45	0.55	-1.05	-1.42	-1.05	-1.42	-4.47e-03
		1273	11.96	2.43	-7.31	-7.31	2.43	5.55e-05	-1.08	-1.44	-1.08	-1.44	-1.39e-03
1088	1	1255	119.93	3.42	-43.61	-43.44	3.25	2.79	15.93	1.55	1.60	15.88	0.88
		1256	123.40	6.57	-40.85	-39.80	5.52	6.95	16.26	1.45	1.80	15.91	2.25
		1275	88.10	2.40	-29.42	-29.18	2.15	2.77	12.50	1.79	2.04	12.26	1.60
		1274	90.23	0.54	-31.59	-31.57	0.52	0.86	13.02	1.93	2.02	12.94	0.96
1088	2	1255	38.66	8.36	-20.52	-20.27	8.11	2.64	1.35	-1.23	-1.23	1.35	-0.05
		1256	36.92	9.25	-19.30	-18.27	8.22	5.33	1.45	-1.03	-1.02	1.45	-0.09
		1275	30.08	6.47	-17.27	-16.97	6.16	2.66	-2.65	-3.83	-2.65	-3.83	-0.02
		1274	31.41	6.16	-18.96	-18.90	6.09	1.32	-2.88	-4.00	-2.88	-4.00	-0.02
1088	3	1255	38.49	1.89	-14.46	-14.39	1.82	1.09	4.83	0.37	0.38	4.82	0.26
		1256	39.46	2.94	-13.57	-13.16	2.52	2.59	4.93	0.36	0.46	4.83	0.66
		1275	27.18	1.42	-10.08	-9.97	1.30	1.14	3.49	0.35	0.42	3.41	0.47
		1274	27.86	0.81	-10.84	-10.83	0.79	0.41	3.63	0.38	0.40	3.60	0.28
1088	4	1255	14.59	3.36	-7.62	-7.52	3.26	1.04	0.51	-0.46	-0.46	0.51	-0.02
		1256	13.99	3.74	-7.20	-6.78	3.32	2.10	0.55	-0.38	-0.38	0.55	-0.04
		1275	11.08	2.63	-6.49	-6.35	2.49	1.11	-0.97	-1.35	-0.97	-1.35	-0.01
		1274	11.64	2.48	-7.10	-7.07	2.45	0.55	-1.05	-1.42	-1.05	-1.42	-7.27e-03
1089	1	1256	123.12	6.63	-40.77	-39.71	5.57	7.02	16.18	1.40	1.77	15.81	2.30
		1257	119.71	9.88	-36.39	-33.44	6.93	11.31	15.02	0.63	1.56	14.10	3.54
		1276	85.37	4.53	-26.02	-25.15	3.65	5.10	11.76	1.36	1.85	11.27	2.20
		1275	88.45	2.45	-29.45	-29.21	2.20	2.79	12.55	1.80	2.03	12.32	1.57
1089	2	1256	36.88	9.26	-19.27	-18.23	8.23	5.33	1.45	-1.03	-1.02	1.45	-0.10
		1257	34.35	10.92	-17.40	-14.87	8.39	8.08	1.62	-0.68	-0.67	1.61	-0.14
		1276	28.62	7.05	-14.54	-13.76	6.26	4.04	-2.27	-3.55	-2.27	-3.55	-0.04
		1275	30.09	6.46	-17.29	-16.99	6.16	2.66	-2.65	-3.83	-2.65	-3.83	-0.03
1089	3	1256	39.38	2.96	-13.55	-13.13	2.54	2.61	4.90	0.35	0.45	4.80	0.67
		1257	38.34	4.12	-12.15	-11.01	2.98	4.15	4.56	0.15	0.41	4.30	1.03
		1276	26.33	2.16	-8.89	-8.52	1.79	2.00	3.29	0.25	0.40	3.14	0.64
		1275	27.28	1.43	-10.09	-9.98	1.32	1.15	3.50	0.35	0.42	3.43	0.46
1089	4	1256	13.97	3.74	-7.18	-6.76	3.32	2.11	0.55	-0.38	-0.38	0.55	-0.04
		1257	13.12	4.44	-6.53	-5.51	3.42	3.19	0.61	-0.25	-0.25	0.60	-0.06
		1276	10.63	2.91	-5.50	-5.14	2.56	1.68	-0.82	-1.25	-0.82	-1.25	-0.02
		1275	11.09	2.63	-6.49	-6.36	2.49	1.11	-0.96	-1.35	-0.97	-1.35	-0.01
1090	1	1257	119.45	9.92	-36.27	-33.29	6.94	11.35	14.97	0.61	1.55	14.03	3.55
		1258	112.46	13.11	-31.04	-25.17	7.24	15.00	13.16	-0.38	1.27	11.51	4.42
		1277	80.51	6.62	-21.69	-19.61	4.54	7.39	10.63	0.71	1.56	9.77	2.79
		1276	85.36	4.54	-26.05	-25.16	3.66	5.12	11.74	1.34	1.83	11.26	2.19
1090	2	1257	34.29	10.94	-17.35	-14.82	8.40	8.08	1.62	-0.68	-0.67	1.61	-0.15
		1258	31.78	13.66	-15.10	-10.05	8.61	10.94	1.84	-0.20	-0.18	1.82	-0.19
		1277	26.90	8.11	-10.94	-9.20	6.38	5.48	-1.74	-3.18	-1.74	-3.18	-0.08
		1276	28.64	7.04	-14.57	-13.79	6.26	4.03	-2.27	-3.55	-2.27	-3.55	-0.05
1090	3	1257	38.26	4.13	-12.11	-10.96	2.99	4.16	4.54	0.15	0.41	4.28	1.04
		1258	36.19	5.38	-10.44	-8.20	3.13	5.52	4.01	-0.10	0.36	3.55	1.29
		1277	24.89	2.96	-7.38	-6.52	2.10	2.85	2.97	0.10	0.35	2.72	0.81
		1276	26.33	2.16	-8.90	-8.53	1.79	2.00	3.28	0.25	0.39	3.14	0.64
1090	4	1257	13.10	4.45	-6.52	-5.49	3.42	3.19	0.61	-0.25	-0.25	0.60	-0.06



		1258	12.30	5.56	-5.73	-3.72	3.54	4.32	0.69	-0.07	-0.07	0.68	-0.08
		1277	10.14	3.41	-4.20	-3.44	2.64	2.29	-0.63	-1.12	-0.63	-1.12	-0.03
		1276	10.64	2.91	-5.51	-5.16	2.56	1.68	-0.82	-1.25	-0.82	-1.25	-0.02
1091	1	1258	112.30	13.14	-30.92	-25.02	7.24	15.01	13.13	-0.39	1.26	11.48	4.43
		1259	104.77	16.49	-25.57	-15.84	6.76	17.74	11.29	-1.28	1.12	8.89	4.94
		1278	74.69	8.78	-16.94	-12.97	4.81	9.29	9.33	-9.60e-03	1.33	7.98	3.28
		1277	80.41	6.60	-21.72	-19.63	4.51	7.40	10.60	0.70	1.56	9.74	2.79
1091	2	1258	31.73	13.70	-15.06	-9.98	8.62	10.96	1.84	-0.20	-0.18	1.82	-0.20
		1259	30.78	17.88	-12.78	-3.76	8.86	13.97	2.12	0.41	0.45	2.08	-0.25
		1278	25.36	10.15	-6.91	-3.23	6.47	7.02	-1.06	-2.75	-1.07	-2.74	-0.12
		1277	26.94	8.10	-10.97	-9.24	6.38	5.47	-1.73	-3.18	-1.74	-3.18	-0.09
1091	3	1258	36.14	5.39	-10.41	-8.15	3.13	5.53	4.00	-0.10	0.36	3.54	1.29
		1259	33.99	6.81	-8.69	-4.96	3.07	6.63	3.46	-0.31	0.36	2.79	1.44
		1278	23.25	3.87	-5.72	-4.09	2.24	3.60	2.62	-0.07	0.33	2.22	0.96
		1277	24.87	2.95	-7.39	-6.53	2.09	2.85	2.97	0.10	0.35	2.71	0.81
1091	4	1258	12.28	5.57	-5.72	-3.69	3.55	4.33	0.69	-0.08	-0.07	0.68	-0.08
		1259	12.08	7.23	-4.91	-1.38	3.69	5.52	0.79	0.15	0.17	0.77	-0.10
		1278	9.76	4.29	-2.76	-1.20	2.73	2.93	-0.38	-0.96	-0.38	-0.96	-0.05
		1277	10.15	3.40	-4.21	-3.45	2.64	2.28	-0.62	-1.12	-0.63	-1.11	-0.04
1092	1	1259	104.77	16.54	-25.46	-15.69	6.77	17.74	11.27	-1.32	1.08	8.87	4.94
		1260	98.07	20.36	-20.47	-5.96	5.84	19.54	9.66	-1.96	1.16	6.54	5.15
		1279	69.10	11.32	-12.31	-5.64	4.65	10.63	8.03	-0.70	1.19	6.14	3.60
		1278	74.57	8.75	-16.98	-13.00	4.78	9.29	9.32	6.50e-03	1.35	7.97	3.27
1092	2	1259	30.76	17.94	-12.75	-3.67	8.86	14.01	2.11	0.40	0.44	2.08	-0.25
		1260	33.48	23.99	-10.79	4.08	9.11	17.21	2.45	1.14	1.21	2.37	-0.30
		1279	24.66	14.13	-3.38	4.24	6.51	8.68	-0.26	-2.28	-0.27	-2.26	-0.19
		1278	25.40	10.13	-6.93	-3.28	6.48	7.01	-1.06	-2.75	-1.07	-2.74	-0.13
1092	3	1259	33.99	6.83	-8.66	-4.91	3.07	6.64	3.45	-0.32	0.35	2.78	1.44
		1260	32.24	8.51	-7.06	-1.44	2.88	7.48	2.99	-0.45	0.43	2.11	1.50
		1279	21.82	5.03	-4.10	-1.34	2.26	4.19	2.27	-0.22	0.35	1.71	1.05
		1278	23.21	3.86	-5.73	-4.10	2.23	3.60	2.62	-0.06	0.34	2.22	0.95
1092	4	1259	12.08	7.25	-4.90	-1.34	3.69	5.53	0.79	0.15	0.16	0.77	-0.10
		1260	13.19	9.58	-4.19	1.54	3.85	6.79	0.91	0.42	0.45	0.88	-0.11
		1279	9.73	5.87	-1.47	1.58	2.81	3.62	-0.08	-0.79	-0.08	-0.78	-0.08
		1278	9.78	4.29	-2.77	-1.22	2.74	2.92	-0.37	-0.96	-0.38	-0.96	-0.06
1093	1	1260	98.29	20.43	-20.37	-5.80	5.86	19.55	9.62	-2.06	1.05	6.51	5.17
		1261	92.81	24.97	-16.05	4.21	4.71	20.51	8.33	-2.34	1.42	4.56	5.10
		1280	64.29	14.57	-8.29	2.06	4.22	11.38	6.79	-1.32	1.11	4.36	3.71
		1279	68.97	11.28	-12.36	-5.69	4.61	10.63	8.05	-0.65	1.25	6.15	3.59
1093	2	1260	33.51	24.09	-10.82	4.18	9.09	17.28	2.44	1.11	1.18	2.37	-0.30
		1261	41.30	32.27	-9.36	13.57	9.34	20.71	2.88	1.96	2.13	2.71	-0.36
		1280	25.69	20.95	-1.18	13.31	6.46	10.52	0.67	-1.80	0.64	-1.77	-0.26
		1279	24.69	14.10	-3.38	4.19	6.53	8.66	-0.23	-2.28	-0.25	-2.26	-0.19
1093	3	1260	32.31	8.54	-7.04	-1.39	2.89	7.49	2.98	-0.48	0.40	2.10	1.51
		1261	31.16	10.55	-5.63	2.28	2.64	8.09	2.62	-0.49	0.58	1.55	1.48
		1280	20.88	6.55	-2.71	1.63	2.21	4.62	1.95	-0.35	0.39	1.21	1.08
		1279	21.78	5.01	-4.12	-1.36	2.26	4.19	2.28	-0.20	0.37	1.71	1.04
1093	4	1260	13.21	9.62	-4.20	1.57	3.84	6.82	0.90	0.41	0.44	0.87	-0.12
		1261	16.10	12.70	-3.63	5.06	4.01	8.15	1.07	0.72	0.79	1.00	-0.14
		1280	10.32	8.41	-0.58	4.96	2.87	4.37	0.27	-0.62	0.25	-0.60	-0.10
		1279	9.74	5.86	-1.47	1.57	2.82	3.61	-0.07	-0.79	-0.08	-0.78	-0.08
1094	1	1261	93.29	25.11	-15.94	4.40	4.77	20.53	8.20	-2.63	1.10	4.47	5.15
		1262	89.38	30.49	-12.49	14.60	3.40	20.75	7.32	-2.36	2.00	2.97	4.82
		1281	59.98	18.65	-5.13	9.84	3.68	11.48	5.54	-1.82	1.04	2.68	3.59
		1280	64.29	14.51	-8.36	1.97	4.17	11.38	6.89	-1.16	1.31	4.41	3.71
1094	2	1261	41.32	32.46	-9.51	13.68	9.27	20.87	2.85	1.86	2.02	2.70	-0.36
		1262	53.88	42.81	-8.46	24.91	9.44	24.44	3.60	2.65	3.22	3.03	-0.46
		1281	38.36	30.47	-0.15	23.95	6.36	12.54	1.63	-1.29	1.58	-1.24	-0.37
		1280	25.58	20.91	-1.13	13.29	6.49	10.49	0.73	-1.81	0.70	-1.78	-0.25
1094	3	1261	31.31	10.61	-5.62	2.34	2.65	8.11	2.58	-0.59	0.48	1.52	1.50
		1262	30.91	12.99	-4.44	6.20	2.34	8.50	2.36	-0.43	0.83	1.10	1.39
		1281	20.41	8.47	-1.61	4.73	2.13	4.87	1.64	-0.44	0.44	0.75	1.03
		1280	20.90	6.53	-2.73	1.60	2.20	4.62	1.99	-0.30	0.46	1.23	1.08
1094	4	1261	16.11	12.77	-3.69	5.10	3.98	8.21	1.06	0.69	0.75	0.99	-0.14
		1262	20.68	16.63	-3.24	9.26	4.13	9.59	1.34	0.98	1.19	1.12	-0.18
		1281	14.41	11.91	-0.07	8.91	2.92	5.18	0.62	-0.43	0.60	-0.41	-0.14
		1280	10.27	8.40	-0.55	4.95	2.89	4.35	0.29	-0.62	0.28	-0.61	-0.10
1095	1	1262	89.76	30.89	-12.21	14.95	3.74	20.81	6.83	-3.20	1.00	2.62	4.95
		1263	88.73	36.89	-10.16	25.49	1.23	20.15	6.60	-2.12	2.98	1.50	4.30
		1282	55.03	23.06	-2.43	17.25	3.38	10.69	4.21	-2.15	0.86	1.20	3.17
		1281	60.83	18.54	-5.47	9.69	3.38	11.58	5.90	-1.40	1.61	2.89	3.59
1095	2	1262	53.61	43.37	-8.81	25.15	9.41	24.87	3.49	2.54	2.93	3.09	-0.47
		1263	69.07	55.06	-7.57	38.87	8.63	27.42	4.70	2.49	4.37	2.82	-0.79
		1282	51.70	41.22	0.74	35.04	6.92	14.56	2.83	-0.07	2.71	0.06	-0.59
		1281	39.38	30.58	-0.17	24.08	6.33	12.55	1.67	-1.43	1.63	-1.39	-0.34
1095	3	1262	30.99	13.16	-4.40	6.32	2.43	8.56	2.21	-0.69	0.52	1.00	1.43
		1263	31.62	15.73	-3.55	10.47	1.72	8.59	2.17	-0.31	1.21	0.66	1.21



		1282	19.99	10.56	-0.64	7.75	2.17	4.85	1.34	-0.46	0.48	0.41	0.90
		1281	20.75	8.45	-1.71	4.70	2.04	4.90	1.75	-0.33	0.62	0.80	1.04
1095	4	1262	20.63	16.84	-3.38	9.35	4.11	9.77	1.29	0.94	1.09	1.14	-0.18
		1263	26.12	21.13	-2.80	14.43	3.91	10.75	1.75	0.92	1.62	1.05	-0.30
		1282	19.42	15.87	0.37	13.02	3.21	6.00	1.07	0.02	1.02	0.07	-0.22
		1281	14.77	11.94	-0.06	8.97	2.91	5.19	0.64	-0.48	0.62	-0.47	-0.13
1096	1	1263	89.46	40.09	-8.43	29.08	2.58	20.32	4.92	-4.52	0.39	8.94e-03	4.72
		195	82.01	40.80	-7.52	35.94	-2.66	14.53	5.76	-0.91	4.46	0.38	2.64
		256	57.98	26.76	-2.41	21.64	2.72	11.10	4.01	-2.46	0.82	0.72	3.24
		1282	55.08	21.68	-3.12	15.61	2.95	10.66	4.97	-0.95	2.15	1.87	2.96
1096	2	1263	68.14	58.55	-9.68	40.30	8.57	30.20	4.14	1.75	3.55	2.34	-1.03
		195	102.20	69.26	-3.66	63.36	2.24	19.89	6.88	2.46	6.86	2.48	-0.25
		256	80.09	43.59	2.69	35.43	10.86	16.35	8.76	2.55	8.66	2.65	-0.80
		1282	47.62	41.18	1.76	35.79	7.15	13.54	2.51	0.03	2.21	0.33	-0.81
1096	3	1263	31.77	16.95	-3.21	11.63	2.10	8.89	1.62	-1.03	0.40	0.19	1.32
		195	31.79	17.72	-2.20	15.41	0.10	6.38	2.18	0.03	1.85	0.36	0.77
		256	22.15	11.84	-0.42	9.05	2.37	5.14	1.56	-0.30	0.87	0.39	0.90
		1282	19.88	10.13	-0.75	7.33	2.05	4.76	1.56	-0.09	0.84	0.63	0.82
1096	4	1263	25.93	22.46	-3.63	14.96	3.88	11.81	1.55	0.66	1.33	0.88	-0.38
		195	38.01	26.11	-1.03	23.53	1.56	7.96	2.57	0.97	2.56	0.98	-0.09
		256	29.77	16.85	1.07	13.14	4.78	6.70	3.23	0.92	3.19	0.96	-0.30
		1282	17.97	15.82	0.78	13.31	3.29	5.61	0.97	0.06	0.86	0.18	-0.30
1097	1	158	60.73	25.44	-2.55	20.72	2.16	-10.47	4.72	-2.03	2.10	0.60	-3.29
		1264	58.18	23.26	-3.83	16.21	3.21	-11.89	4.72	-1.78	1.32	1.62	-3.24
		1283	37.65	12.88	0.64	10.45	3.08	-4.89	3.99	-1.26	0.60	2.13	-2.51
		96	41.09	19.43	-3.45	15.85	0.13	-8.31	3.19	-0.39	2.04	0.76	-1.67
1097	2	158	83.58	45.71	-0.03	35.53	10.16	-19.03	9.62	4.73	9.45	4.90	0.90
		1264	51.26	43.03	0.13	35.77	7.39	-16.09	1.73	-0.04	1.73	-0.04	1.25e-03
		1283	44.69	34.25	3.51	34.17	3.60	-1.63	2.26	0.59	2.26	0.59	1.21e-03
		96	95.39	59.54	-5.02	56.47	-1.95	-13.74	5.74	-0.59	5.71	-0.56	0.46
1097	3	158	23.56	11.60	-0.69	8.77	2.13	-5.17	1.94	-3.67e-03	1.34	0.60	-0.90
		1264	21.28	10.78	-1.12	7.51	2.16	-5.32	1.48	-0.43	0.54	0.52	-0.96
		1283	13.36	6.68	0.81	5.71	1.77	-2.18	1.25	-0.25	0.34	0.66	-0.73
		96	18.83	10.71	-1.10	9.03	0.58	-4.13	1.23	-0.04	1.04	0.15	-0.46
1097	4	158	31.31	17.67	-7.17e-03	13.16	4.50	-7.70	3.59	1.80	3.52	1.87	0.34
		1264	19.43	16.57	0.13	13.30	3.40	-6.56	0.66	0.02	0.66	0.02	5.63e-03
		1283	16.53	12.87	1.79	12.74	1.93	-1.21	0.84	0.20	0.84	0.20	9.16e-03
		96	35.50	22.52	-1.50	21.06	-0.04	-5.74	2.13	-0.25	2.12	-0.24	0.17
1098	1	1264	59.37	22.78	-3.74	15.86	3.18	-11.64	4.95	-1.90	1.30	1.75	-3.42
		1265	61.69	18.19	-5.78	8.65	3.76	-11.73	5.99	-1.53	1.32	3.13	-3.65
		1284	39.99	8.94	-0.91	4.36	3.67	-4.92	4.96	-0.50	1.03	3.43	-2.45
		1283	37.56	12.90	0.06	10.07	2.89	-5.32	4.04	-0.70	1.34	2.00	-2.35
1098	2	1264	55.43	42.22	0.12	35.23	7.10	-15.66	2.74	-0.21	2.73	-0.20	0.11
		1265	39.11	30.35	-0.25	23.98	6.13	-12.43	1.70	-1.36	1.66	-1.32	0.36
		1284	29.45	20.14	5.23	20.05	5.33	-1.21	2.43	1.99	2.32	2.09	0.18
		1283	50.52	32.97	2.75	32.79	2.93	-2.28	3.88	1.66	3.83	1.71	0.33
1098	3	1264	21.70	10.58	-1.10	7.36	2.12	-5.22	1.58	-0.43	0.61	0.55	-1.00
		1265	20.87	8.32	-1.80	4.38	2.13	-4.93	1.77	-0.36	0.53	0.88	-1.05
		1284	13.46	4.54	0.30	2.85	1.99	-2.08	1.60	0.04	0.48	1.16	-0.71
		1283	13.76	6.60	0.56	5.50	1.65	-2.33	1.36	0.04	0.69	0.71	-0.66
1098	4	1264	20.91	16.27	0.12	13.10	3.29	-6.41	1.04	-0.03	1.04	-0.03	0.04
		1265	14.66	11.85	-0.10	8.92	2.83	-5.14	0.65	-0.45	0.63	-0.44	0.14
		1284	11.04	7.68	2.30	7.49	2.48	-0.98	0.90	0.72	0.86	0.76	0.08
		1283	18.72	12.42	1.48	12.23	1.66	-1.43	1.45	0.60	1.42	0.62	0.13
1099	1	1265	62.62	18.19	-5.99	8.47	3.72	-11.86	6.10	-1.58	1.29	3.23	-3.72
		1266	66.62	13.92	-9.37	0.39	4.16	-11.49	7.36	-1.02	1.33	5.01	-3.76
		1285	45.26	6.25	-4.03	-1.36	3.58	-4.51	6.25	0.17	1.38	5.05	-2.42
		1284	39.65	8.83	-0.91	4.35	3.57	-4.86	5.01	-0.31	1.27	3.42	-2.43
1099	2	1265	39.07	30.68	-0.18	24.02	6.48	-12.70	1.61	-1.33	1.58	-1.30	0.30
		1266	25.69	20.80	-1.17	13.24	6.40	-10.44	0.74	-1.81	0.71	-1.78	0.28
		1285	16.79	9.79	5.35	9.63	5.52	-0.85	1.56	1.42	1.43	1.54	0.05
		1284	31.07	19.82	4.69	19.76	4.75	-0.97	2.75	2.06	2.68	2.12	0.21
1099	3	1265	21.21	8.36	-1.87	4.34	2.15	-5.00	1.81	-0.38	0.52	0.91	-1.08
		1266	21.49	6.34	-3.02	1.13	2.19	-4.65	2.12	-0.25	0.47	1.40	-1.09
		1285	14.69	3.12	-0.89	0.35	1.88	-1.85	1.95	0.17	0.52	1.61	-0.71
		1284	13.37	4.44	0.28	2.82	1.90	-2.03	1.63	0.11	0.58	1.16	-0.70
1099	4	1265	14.70	11.99	-0.08	8.94	2.97	-5.25	0.62	-0.45	0.60	-0.43	0.11
		1266	10.32	8.35	-0.57	4.93	2.85	-4.34	0.30	-0.62	0.28	-0.61	0.11
		1285	6.47	3.99	2.07	3.60	2.45	-0.76	0.58	0.52	0.53	0.57	0.03
		1284	11.60	7.53	2.11	7.39	2.25	-0.88	1.03	0.75	1.00	0.78	0.08
1100	1	1266	66.88	13.92	-9.42	0.35	4.15	-11.52	7.40	-1.02	1.33	5.04	-3.78
		1267	72.10	10.42	-13.78	-7.65	4.29	-10.53	8.76	-0.35	1.44	6.97	-3.61
		1286	51.78	4.54	-8.24	-6.95	3.25	-3.85	7.56	0.76	1.65	6.67	-2.29
		1285	45.16	6.19	-4.05	-1.41	3.55	-4.48	6.27	0.22	1.43	5.06	-2.42
1100	2	1266	25.77	20.98	-1.14	13.33	6.51	-10.52	0.67	-1.81	0.64	-1.78	0.27
		1267	24.66	14.04	-3.39	4.16	6.49	-8.64	-0.23	-2.28	-0.25	-2.26	0.19
		1286	9.37	5.72	1.06	1.15	5.63	-0.64	0.84	0.51	0.53	0.82	-0.07



1100	3	1285	17.09	9.61	5.20	9.49	5.32	-0.71	1.59	1.50	1.55	1.54	0.05
		1266	21.59	6.35	-3.04	1.12	2.20	-4.66	2.13	-0.26	0.46	1.41	-1.10
		1267	22.65	4.74	-4.53	-1.94	2.16	-4.16	2.49	-0.11	0.43	1.95	-1.05
1100	4	1286	16.53	2.28	-2.55	-1.97	1.71	-1.56	2.30	0.27	0.53	2.04	-0.67
		1285	14.63	3.07	-0.89	0.32	1.85	-1.83	1.96	0.19	0.54	1.61	-0.70
		1266	10.34	8.42	-0.56	4.97	2.89	-4.37	0.27	-0.62	0.25	-0.61	0.10
1101	1	1267	9.73	5.84	-1.47	1.56	2.81	-3.60	-0.07	-0.79	-0.08	-0.78	0.08
		1286	3.92	2.59	0.25	0.43	2.41	-0.61	0.31	0.19	0.20	0.31	-0.02
		1285	6.56	3.88	2.04	3.55	2.38	-0.71	0.60	0.55	0.58	0.57	0.03
1101	2	1267	72.14	10.43	-13.80	-7.68	4.31	-10.53	8.77	-0.33	1.45	6.99	-3.61
		1268	78.00	7.57	-18.66	-15.14	4.05	-8.93	10.17	0.39	1.64	8.92	-3.26
		1287	58.18	3.18	-12.65	-12.08	2.61	-2.94	8.74	1.25	1.87	8.13	-2.06
1101	3	1286	51.77	4.51	-8.28	-7.00	3.23	-3.83	7.56	0.77	1.65	6.68	-2.28
		1267	24.76	14.14	-3.36	4.24	6.54	-8.67	-0.25	-2.28	-0.27	-2.26	0.20
		1268	25.35	10.11	-6.95	-3.30	6.46	-6.99	-1.06	-2.75	-1.07	-2.74	0.13
1101	4	1287	12.21	5.67	-5.79	-5.77	5.65	-0.50	0.15	-0.34	-0.29	0.11	-0.14
		1286	9.25	5.60	0.97	1.05	5.53	-0.57	0.84	0.54	0.56	0.82	-0.07
		1267	22.67	4.75	-4.53	-1.95	2.16	-4.16	2.49	-0.11	0.43	1.96	-1.05
1101	1	1268	24.19	3.50	-6.22	-4.74	2.02	-3.49	2.87	0.05	0.42	2.50	-0.95
		1287	18.47	1.71	-4.30	-4.05	1.46	-1.21	2.60	0.35	0.53	2.42	-0.61
		1286	16.51	2.26	-2.56	-2.00	1.69	-1.55	2.30	0.28	0.53	2.04	-0.67
1101	2	1267	9.77	5.87	-1.46	1.58	2.83	-3.61	-0.07	-0.79	-0.08	-0.78	0.08
		1268	9.76	4.28	-2.77	-1.23	2.73	-2.92	-0.37	-0.96	-0.38	-0.95	0.05
		1287	4.89	2.41	-2.23	-2.18	2.36	-0.48	0.06	-0.12	-0.11	0.05	-0.04
1102	3	1286	3.86	2.53	0.23	0.39	2.38	-0.58	0.31	0.21	0.21	0.31	-0.02
		1268	78.01	7.57	-18.68	-15.17	4.06	-8.92	10.18	0.41	1.65	8.94	-3.25
		1269	83.53	5.05	-23.42	-21.65	3.28	-6.88	11.46	1.08	1.89	10.65	-2.77
1102	4	1288	63.84	1.87	-16.67	-16.47	1.67	-1.93	9.77	1.65	2.05	9.36	-1.77
		1287	58.17	3.16	-12.68	-12.13	2.60	-2.92	8.74	1.25	1.87	8.13	-2.06
		1268	25.43	10.16	-6.91	-3.24	6.49	-7.01	-1.06	-2.75	-1.07	-2.74	0.14
1102	1	1269	26.89	8.09	-10.98	-9.26	6.37	-5.46	-1.74	-3.18	-1.74	-3.17	0.08
		1288	18.62	5.61	-11.28	-11.27	5.60	-0.38	-0.49	-1.05	-0.99	-0.55	-0.17
		1287	12.15	5.61	-5.87	-5.85	5.59	-0.46	0.15	-0.33	-0.28	0.10	-0.14
1102	2	1268	24.19	3.50	-6.22	-4.74	2.02	-3.49	2.87	0.06	0.43	2.50	-0.95
		1269	25.76	2.48	-7.89	-7.13	1.72	-2.70	3.22	0.21	0.45	2.98	-0.81
		1288	20.23	1.22	-5.89	-5.79	1.12	-0.83	2.86	0.42	0.54	2.74	-0.53
1102	3	1287	18.46	1.70	-4.32	-4.07	1.45	-1.19	2.60	0.35	0.53	2.42	-0.61
		1268	9.79	4.29	-2.76	-1.21	2.74	-2.92	-0.38	-0.96	-0.38	-0.96	0.06
		1269	10.14	3.40	-4.22	-3.46	2.64	-2.28	-0.63	-1.12	-0.63	-1.11	0.04
1102	4	1288	7.18	2.31	-4.27	-4.25	2.29	-0.37	-0.18	-0.38	-0.37	-0.20	-0.06
		1287	4.87	2.38	-2.25	-2.21	2.33	-0.47	0.06	-0.12	-0.10	0.04	-0.04
		1269	83.53	5.03	-23.44	-21.68	3.27	-6.86	11.47	1.10	1.90	10.67	-2.76
1103	1	1270	87.48	2.69	-27.49	-26.75	1.94	-4.69	12.42	1.59	2.06	11.95	-2.21
		1289	68.81	0.57	-19.98	-19.93	0.52	-1.04	10.69	1.97	2.22	10.44	-1.44
		1288	63.79	1.85	-16.70	-16.50	1.65	-1.91	9.76	1.65	2.06	9.36	-1.77
1103	2	1269	26.94	8.12	-10.95	-9.22	6.39	-5.48	-1.74	-3.18	-1.74	-3.17	0.09
		1270	28.60	7.04	-14.59	-13.81	6.27	-4.03	-2.27	-3.54	-2.27	-3.54	0.05
		1289	24.27	5.53	-15.46	-15.46	5.53	-0.28	-1.06	-1.60	-1.55	-1.12	-0.17
1103	3	1288	18.62	5.57	-11.34	-11.33	5.56	-0.36	-0.50	-1.05	-0.99	-0.56	-0.17
		1269	25.76	2.48	-7.89	-7.13	1.72	-2.69	3.22	0.21	0.45	2.99	-0.81
		1270	26.95	1.61	-9.33	-9.00	1.28	-1.87	3.48	0.32	0.46	3.34	-0.65
1103	4	1289	21.78	0.77	-7.20	-7.16	0.74	-0.49	3.10	0.47	0.54	3.02	-0.43
		1288	20.21	1.21	-5.90	-5.81	1.11	-0.82	2.86	0.42	0.54	2.74	-0.53
		1269	10.15	3.41	-4.20	-3.44	2.65	-2.28	-0.63	-1.12	-0.63	-1.11	0.04
1104	1	1270	10.63	2.91	-5.51	-5.16	2.56	-1.68	-0.82	-1.25	-0.82	-1.25	0.02
		1289	9.25	2.23	-5.85	-5.84	2.22	-0.27	-0.39	-0.59	-0.57	-0.40	-0.05
		1288	7.18	2.29	-4.30	-4.28	2.27	-0.36	-0.18	-0.38	-0.37	-0.20	-0.05
1104	2	1270	87.57	2.65	-27.49	-26.75	1.90	-4.67	12.44	1.58	2.05	11.97	-2.21
		1271	89.15	0.63	-30.41	-30.16	0.37	-2.81	12.87	1.81	2.03	12.64	-1.56
		1290	73.24	-0.57	-22.40	-22.39	-0.58	-0.53	11.53	2.26	2.38	11.41	-1.06
1104	3	1289	68.67	0.53	-20.00	-19.95	0.48	-1.03	10.68	1.99	2.24	10.43	-1.45
		1270	28.63	7.06	-14.56	-13.78	6.28	-4.03	-2.27	-3.55	-2.27	-3.54	0.06
		1271	30.05	6.47	-17.31	-17.01	6.17	-2.65	-2.65	-3.82	-2.65	-3.82	0.02
1104	4	1290	28.43	5.45	-18.40	-18.40	5.45	-0.18	-1.51	-1.99	-1.95	-1.55	-0.13
		1289	24.29	5.50	-15.51	-15.50	5.50	-0.27	-1.07	-1.60	-1.55	-1.12	-0.16
		1270	26.98	1.60	-9.32	-8.99	1.27	-1.87	3.49	0.32	0.46	3.35	-0.65
1104	1	1271	27.51	0.89	-10.38	-10.26	0.77	-1.15	3.60	0.36	0.42	3.53	-0.46
		1290	23.14	0.39	-8.15	-8.14	0.38	-0.28	3.32	0.52	0.56	3.28	-0.32
		1289	21.73	0.75	-7.21	-7.17	0.72	-0.49	3.09	0.47	0.55	3.02	-0.43
1104	2	1270	10.64	2.91	-5.50	-5.15	2.56	-1.68	-0.82	-1.25	-0.82	-1.25	0.03
		1271	11.07	2.63	-6.50	-6.36	2.49	-1.10	-0.97	-1.35	-0.97	-1.35	0.01
		1290	10.78	2.17	-6.96	-6.96	2.17	-0.17	-0.55	-0.74	-0.72	-0.56	-0.04
1105	3	1289	9.25	2.22	-5.87	-5.86	2.21	-0.26	-0.39	-0.59	-0.57	-0.40	-0.05
		1271	89.46	0.57	-30.39	-30.13	0.31	-2.82	12.90	1.76	1.99	12.67	-1.58
		1272	89.51	-0.67	-32.04	-31.97	-0.74	-1.48	12.95	1.80	1.85	12.89	-0.76
1105	4	1291	76.42	-1.24	-23.85	-23.84	-1.25	-0.44	12.14	2.48	2.52	12.11	-0.56
		1290	73.03	-0.61	-22.42	-22.41	-0.62	-0.54	11.53	2.30	2.42	11.41	-1.04



1105	2	1271	30.07	6.47	-17.29	-16.99	6.17	-2.66	-2.65	-3.82	-2.65	-3.82	0.03
		1272	31.44	6.17	-18.98	-18.91	6.10	-1.31	-2.88	-4.00	-2.88	-4.00	7.43e-03
		1291	30.96	5.39	-20.15	-20.15	5.39	-0.09	-1.81	-2.21	-2.20	-1.82	-0.07
		1290	28.45	5.43	-18.43	-18.43	5.43	-0.18	-1.52	-1.99	-1.95	-1.55	-0.12
1105	3	1271	27.60	0.88	-10.37	-10.25	0.76	-1.15	3.60	0.34	0.41	3.54	-0.46
		1272	27.68	0.45	-10.98	-10.95	0.42	-0.60	3.61	0.34	0.35	3.59	-0.22
		1291	24.11	0.17	-8.72	-8.72	0.16	-0.19	3.48	0.57	0.58	3.47	-0.17
		1290	23.08	0.38	-8.16	-8.15	0.37	-0.28	3.31	0.54	0.57	3.28	-0.31
1105	4	1271	11.08	2.63	-6.49	-6.36	2.49	-1.11	-0.97	-1.35	-0.97	-1.35	0.02
		1272	11.65	2.48	-7.11	-7.08	2.45	-0.55	-1.05	-1.41	-1.05	-1.41	4.60e-03
		1291	11.72	2.13	-7.62	-7.62	2.13	-0.09	-0.65	-0.82	-0.82	-0.66	-0.02
		1290	10.79	2.16	-6.97	-6.97	2.16	-0.17	-0.55	-0.73	-0.72	-0.56	-0.04
1106	1	1272	89.74	-0.69	-32.03	-31.95	-0.77	-1.52	12.97	1.77	1.83	12.91	-0.81
		1273	90.06	-0.69	-32.47	-32.46	-0.70	-0.45	13.00	1.81	1.82	13.00	0.13
		1292	77.17	-1.20	-24.29	-24.28	-1.22	-0.55	12.26	2.56	2.56	12.26	0.02
		1291	76.30	-1.26	-23.86	-23.85	-1.27	-0.47	12.14	2.51	2.54	12.11	-0.51
1106	2	1272	31.43	6.17	-18.97	-18.90	6.10	-1.32	-2.88	-4.00	-2.88	-4.00	0.02
		1273	32.31	6.08	-19.54	-19.54	6.08	3.10e-03	-2.96	-4.06	-2.96	-4.06	-4.72e-03
		1292	31.80	5.37	-20.74	-20.74	5.37	-2.61e-03	-1.91	-2.28	-2.28	-1.91	-4.09e-03
		1291	30.97	5.39	-20.17	-20.17	5.38	-0.09	-1.81	-2.21	-2.20	-1.82	-0.06
1106	3	1272	27.75	0.45	-10.97	-10.94	0.41	-0.61	3.61	0.33	0.34	3.60	-0.24
		1273	27.86	0.43	-11.15	-11.14	0.43	-0.13	3.62	0.33	0.33	3.62	0.04
		1292	24.33	0.17	-8.90	-8.89	0.17	-0.16	3.51	0.59	0.59	3.51	6.06e-03
		1291	24.07	0.16	-8.72	-8.72	0.16	-0.20	3.48	0.58	0.59	3.47	-0.15
1106	4	1272	11.64	2.48	-7.11	-7.07	2.45	-0.55	-1.05	-1.41	-1.05	-1.41	7.72e-03
		1273	11.97	2.44	-7.31	-7.31	2.44	1.22e-03	-1.08	-1.43	-1.08	-1.43	-1.56e-03
		1292	12.04	2.12	-7.84	-7.84	2.12	-9.87e-04	-0.69	-0.85	-0.85	-0.69	-1.34e-03
		1291	11.72	2.13	-7.63	-7.63	2.13	-0.08	-0.66	-0.82	-0.82	-0.66	-0.02
1107	1	1273	89.90	-0.66	-32.49	-32.48	-0.67	-0.49	12.99	1.84	1.84	12.99	0.08
		1274	90.55	0.54	-31.69	-31.66	0.52	0.89	13.03	1.88	1.96	12.95	0.93
		1293	75.59	-0.46	-23.69	-23.68	-0.47	-0.45	11.88	2.45	2.48	11.85	0.57
		1292	77.27	-1.18	-24.29	-24.28	-1.20	-0.58	12.26	2.54	2.54	12.26	0.07
1107	2	1273	32.31	6.08	-19.54	-19.54	6.08	-3.11e-03	-2.96	-4.06	-2.96	-4.06	4.72e-03
		1274	31.43	6.17	-18.97	-18.90	6.10	1.32	-2.88	-4.00	-2.88	-4.00	-0.02
		1293	30.97	5.39	-20.17	-20.17	5.38	0.09	-1.81	-2.21	-2.20	-1.82	0.06
		1292	31.80	5.37	-20.74	-20.74	5.37	2.60e-03	-1.91	-2.28	-2.28	-1.91	4.09e-03
1107	3	1273	27.81	0.44	-11.15	-11.15	0.44	-0.14	3.62	0.34	0.34	3.62	0.02
		1274	27.97	0.81	-10.87	-10.86	0.80	0.42	3.63	0.36	0.38	3.61	0.27
		1293	23.86	0.39	-8.67	-8.67	0.39	-0.08	3.40	0.56	0.57	3.39	0.17
		1292	24.36	0.17	-8.90	-8.89	0.17	-0.17	3.51	0.58	0.58	3.51	0.02
1107	4	1273	11.97	2.44	-7.31	-7.31	2.44	-1.22e-03	-1.08	-1.43	-1.08	-1.43	1.56e-03
		1274	11.64	2.48	-7.11	-7.07	2.45	0.55	-1.05	-1.41	-1.05	-1.41	-7.72e-03
		1293	11.72	2.13	-7.63	-7.63	2.13	0.08	-0.66	-0.82	-0.82	-0.66	0.02
		1292	12.04	2.12	-7.84	-7.84	2.12	9.86e-04	-0.69	-0.85	-0.85	-0.69	1.34e-03
1108	1	1274	90.27	0.60	-31.71	-31.69	0.58	0.88	13.00	1.93	2.00	12.93	0.90
		1275	89.41	2.48	-29.54	-29.29	2.23	2.83	12.67	1.76	2.00	12.43	1.60
		1294	72.81	0.71	-22.04	-22.04	0.71	0.10	11.28	2.22	2.34	11.16	1.01
		1293	75.80	-0.42	-23.68	-23.67	-0.43	-0.46	11.89	2.40	2.44	11.85	0.59
1108	2	1274	31.44	6.17	-18.98	-18.91	6.10	1.31	-2.88	-4.00	-2.88	-4.00	-7.43e-03
		1275	30.07	6.47	-17.29	-16.99	6.17	2.66	-2.65	-3.82	-2.65	-3.82	-0.03
		1294	28.45	5.43	-18.43	-18.43	5.43	0.18	-1.52	-1.99	-1.95	-1.55	0.12
		1293	30.96	5.39	-20.15	-20.15	5.39	0.09	-1.81	-2.21	-2.20	-1.82	0.07
1108	3	1274	27.88	0.83	-10.88	-10.86	0.81	0.42	3.62	0.37	0.40	3.60	0.27
		1275	27.57	1.44	-10.12	-10.00	1.33	1.16	3.54	0.34	0.41	3.47	0.47
		1294	23.01	0.76	-8.04	-8.04	0.76	0.15	3.24	0.51	0.55	3.21	0.31
		1293	23.93	0.41	-8.67	-8.67	0.40	-0.08	3.40	0.55	0.56	3.39	0.18
1108	4	1274	11.65	2.48	-7.11	-7.08	2.45	0.55	-1.05	-1.41	-1.05	-1.41	-4.60e-03
		1275	11.08	2.63	-6.49	-6.36	2.49	1.11	-0.97	-1.35	-0.97	-1.35	-0.02
		1294	10.79	2.16	-6.97	-6.97	2.16	0.17	-0.55	-0.73	-0.72	-0.56	0.04
		1293	11.72	2.13	-7.62	-7.62	2.13	0.09	-0.65	-0.82	-0.82	-0.66	0.02
1109	1	1275	89.30	2.53	-29.55	-29.29	2.27	2.85	12.65	1.77	2.01	12.41	1.60
		1276	85.88	4.58	-26.10	-25.21	3.69	5.16	11.81	1.33	1.83	11.32	2.23
		1295	69.28	1.98	-19.41	-19.36	1.93	1.07	10.58	1.96	2.19	10.34	1.39
		1294	72.96	0.75	-22.03	-22.03	0.75	0.11	11.28	2.20	2.31	11.17	1.01
1109	2	1275	30.05	6.47	-17.31	-17.01	6.17	2.65	-2.65	-3.82	-2.65	-3.82	-0.02
		1276	28.63	7.06	-14.56	-13.78	6.28	4.03	-2.27	-3.55	-2.27	-3.54	-0.06
		1295	24.29	5.50	-15.51	-15.50	5.50	0.27	-1.07	-1.60	-1.55	-1.12	0.16
		1294	28.43	5.45	-18.40	-18.40	5.45	0.18	-1.51	-1.99	-1.95	-1.55	0.13
1109	3	1275	27.54	1.46	-10.12	-10.00	1.34	1.16	3.53	0.35	0.42	3.46	0.47
		1276	26.49	2.18	-8.92	-8.54	1.80	2.02	3.30	0.24	0.39	3.15	0.65
		1295	21.91	1.18	-7.03	-7.00	1.15	0.50	3.06	0.46	0.53	2.99	0.42
		1294	23.06	0.78	-8.03	-8.03	0.77	0.15	3.24	0.51	0.54	3.21	0.30
1109	4	1275	11.07	2.63	-6.50	-6.36	2.49	1.10	-0.97	-1.35	-0.97	-1.35	-0.01
		1276	10.64	2.91	-5.50	-5.15	2.56	1.68	-0.82	-1.25	-0.82	-1.25	-0.03
		1295	9.25	2.22	-5.87	-5.86	2.21	0.26	-0.39	-0.59	-0.57	-0.40	0.05
		1294	10.78	2.17	-6.96	-6.96	2.17	0.17	-0.55	-0.74	-0.72	-0.56	0.04
1110	1	1276	85.86	4.60	-26.08	-25.18	3.70	5.18	11.80	1.32	1.82	11.30	2.23



		1277	80.57	6.64	-21.74	-19.63	4.54	7.44	10.62	0.69	1.57	9.74	2.81
		1296	64.63	3.14	-15.93	-15.67	2.89	2.21	9.74	1.63	2.03	9.34	1.75
		1295	69.34	2.00	-19.39	-19.34	1.95	1.09	10.58	1.96	2.19	10.35	1.39
1110	2	1276	28.60	7.04	-14.59	-13.81	6.27	4.03	-2.27	-3.54	-2.27	-3.54	-0.05
		1277	26.94	8.12	-10.95	-9.22	6.39	5.48	-1.74	-3.18	-1.74	-3.17	-0.09
		1296	18.62	5.57	-11.34	-11.33	5.56	0.36	-0.50	-1.05	-0.99	-0.56	0.17
		1295	24.27	5.53	-15.46	-15.46	5.53	0.28	-1.06	-1.60	-1.55	-1.12	0.17
1110	3	1276	26.48	2.18	-8.91	-8.53	1.80	2.02	3.30	0.24	0.39	3.15	0.65
		1277	24.91	2.96	-7.39	-6.53	2.10	2.86	2.97	0.09	0.35	2.71	0.82
		1296	20.45	1.59	-5.68	-5.56	1.48	0.91	2.85	0.41	0.53	2.74	0.52
		1295	21.93	1.19	-7.02	-6.99	1.16	0.51	3.07	0.46	0.53	3.00	0.42
1110	4	1276	10.63	2.91	-5.51	-5.16	2.56	1.68	-0.82	-1.25	-0.82	-1.25	-0.02
		1277	10.15	3.41	-4.20	-3.44	2.65	2.28	-0.63	-1.12	-0.63	-1.11	-0.04
		1296	7.18	2.29	-4.30	-4.28	2.27	0.36	-0.18	-0.38	-0.37	-0.20	0.05
		1295	9.25	2.23	-5.85	-5.84	2.22	0.27	-0.39	-0.59	-0.57	-0.40	0.05
1111	1	1277	80.54	6.64	-21.71	-19.60	4.53	7.45	10.61	0.68	1.56	9.73	2.82
		1278	74.61	8.79	-16.98	-12.99	4.80	9.32	9.31	-0.01	1.35	7.95	3.29
		1297	58.69	4.18	-11.81	-11.11	3.48	3.27	8.71	1.21	1.84	8.08	2.07
		1296	64.64	3.16	-15.90	-15.63	2.89	2.23	9.74	1.63	2.03	9.34	1.76
1111	2	1277	26.89	8.09	-10.98	-9.26	6.37	5.46	-1.74	-3.18	-1.74	-3.17	-0.08
		1278	25.43	10.16	-6.91	-3.24	6.49	7.01	-1.06	-2.75	-1.07	-2.74	-0.14
		1297	12.15	5.61	-5.87	-5.85	5.59	0.46	0.15	-0.33	-0.28	0.10	0.14
		1296	18.62	5.61	-11.28	-11.27	5.60	0.38	-0.49	-1.05	-0.99	-0.55	0.17
1111	3	1277	24.91	2.96	-7.39	-6.52	2.09	2.87	2.97	0.09	0.35	2.71	0.82
		1278	23.23	3.87	-5.73	-4.09	2.24	3.61	2.61	-0.07	0.34	2.21	0.96
		1297	18.61	2.00	-4.06	-3.77	1.71	1.30	2.59	0.34	0.52	2.41	0.62
		1296	20.45	1.60	-5.66	-5.55	1.49	0.91	2.86	0.41	0.53	2.74	0.52
1111	4	1277	10.14	3.40	-4.22	-3.46	2.64	2.28	-0.63	-1.12	-0.63	-1.11	-0.04
		1278	9.79	4.29	-2.76	-1.21	2.74	2.92	-0.38	-0.96	-0.38	-0.96	-0.06
		1297	4.87	2.38	-2.25	-2.21	2.33	0.47	0.06	-0.12	-0.10	0.04	0.04
		1296	7.18	2.31	-4.27	-4.25	2.29	0.37	-0.18	-0.38	-0.37	-0.20	0.06
1112	1	1278	74.59	8.78	-16.96	-12.96	4.78	9.32	9.30	-0.02	1.34	7.93	3.29
		1279	69.03	11.33	-12.36	-5.67	4.64	10.66	8.02	-0.69	1.22	6.11	3.60
		1298	51.83	5.25	-7.41	-5.91	3.75	4.10	7.49	0.71	1.62	6.58	2.31
		1297	58.67	4.20	-11.77	-11.06	3.49	3.29	8.70	1.21	1.84	8.07	2.08
1112	2	1278	25.35	10.11	-6.95	-3.30	6.46	6.99	-1.06	-2.75	-1.07	-2.74	-0.13
		1279	24.76	14.14	-3.36	4.24	6.54	8.67	-0.25	-2.28	-0.27	-2.26	-0.20
		1298	9.25	5.60	0.97	1.05	5.53	0.57	0.84	0.54	0.56	0.82	0.07
		1297	12.21	5.67	-5.79	-5.77	5.65	0.50	0.15	-0.34	-0.29	0.11	0.14
1112	3	1278	23.22	3.87	-5.73	-4.09	2.23	3.61	2.61	-0.07	0.34	2.21	0.96
		1279	21.80	5.03	-4.12	-1.35	2.26	4.20	2.27	-0.21	0.36	1.70	1.05
		1298	16.53	2.48	-2.31	-1.67	1.85	1.62	2.28	0.26	0.52	2.01	0.68
		1297	18.61	2.01	-4.04	-3.75	1.72	1.31	2.59	0.34	0.52	2.41	0.62
1112	4	1278	9.76	4.28	-2.77	-1.23	2.73	2.92	-0.37	-0.96	-0.38	-0.95	-0.05
		1279	9.77	5.87	-1.46	1.58	2.83	3.61	-0.07	-0.79	-0.08	-0.78	-0.08
		1298	3.86	2.53	0.23	0.39	2.38	0.58	0.31	0.21	0.21	0.31	0.02
		1297	4.89	2.41	-2.23	-2.18	2.36	0.48	0.06	-0.12	-0.11	0.05	0.04
1113	1	1279	68.99	11.31	-12.34	-5.65	4.62	10.65	8.01	-0.70	1.21	6.10	3.60
		1280	64.36	14.57	-8.36	2.00	4.22	11.41	6.81	-1.28	1.18	4.36	3.72
		1299	44.95	6.78	-3.34	-0.35	3.78	4.62	6.18	0.16	1.41	4.94	2.44
		1298	51.82	5.28	-7.38	-5.86	3.76	4.11	7.48	0.70	1.61	6.57	2.31
1113	2	1279	24.66	14.04	-3.39	4.16	6.49	8.64	-0.23	-2.28	-0.25	-2.26	-0.19
		1280	25.77	20.98	-1.14	13.33	6.51	10.52	0.67	-1.81	0.64	-1.78	-0.27
		1299	17.09	9.61	5.20	9.49	5.32	0.71	1.59	1.50	1.55	1.54	-0.05
		1298	9.37	5.72	1.06	1.15	5.63	0.64	0.84	0.51	0.53	0.82	0.07
1113	3	1279	21.79	5.02	-4.12	-1.35	2.25	4.20	2.27	-0.22	0.36	1.69	1.05
		1280	20.91	6.56	-2.73	1.61	2.21	4.63	1.96	-0.34	0.42	1.21	1.08
		1299	14.59	3.25	-0.70	0.64	1.92	1.87	1.93	0.17	0.54	1.57	0.71
		1298	16.55	2.51	-2.30	-1.65	1.86	1.64	2.27	0.25	0.52	2.01	0.68
1113	4	1279	9.73	5.84	-1.47	1.56	2.81	3.60	-0.07	-0.79	-0.08	-0.78	-0.08
		1280	10.34	8.42	-0.56	4.97	2.89	4.37	0.27	-0.62	0.25	-0.61	-0.10
		1299	6.56	3.88	2.04	3.55	2.38	0.71	0.60	0.55	0.58	0.57	-0.03
		1298	3.92	2.59	0.25	0.43	2.41	0.61	0.31	0.19	0.20	0.31	0.02
1114	1	1280	64.11	14.56	-8.32	2.02	4.22	11.38	6.78	-1.27	1.19	4.33	3.71
		1281	60.71	18.65	-5.32	9.68	3.64	11.60	5.70	-1.70	1.21	2.79	3.62
		1300	39.43	9.41	-0.49	5.32	3.60	4.87	4.94	-0.35	1.28	3.31	2.44
		1299	45.03	6.84	-3.33	-0.29	3.81	4.65	6.16	0.11	1.35	4.92	2.44
1114	2	1280	25.69	20.80	-1.17	13.24	6.40	10.44	0.74	-1.81	0.71	-1.78	-0.28
		1281	39.07	30.68	-0.18	24.02	6.48	12.70	1.61	-1.33	1.58	-1.30	-0.30
		1300	31.07	19.82	4.69	19.76	4.75	0.97	2.75	2.06	2.68	2.12	-0.21
		1299	16.79	9.79	5.35	9.63	5.52	0.85	1.56	1.42	1.43	1.54	-0.05
1114	3	1280	20.81	6.54	-2.72	1.61	2.21	4.62	1.95	-0.33	0.42	1.20	1.07
		1281	20.72	8.49	-1.67	4.69	2.13	4.92	1.69	-0.42	0.50	0.78	1.05
		1300	13.35	4.63	0.39	3.11	1.91	2.03	1.61	0.10	0.58	1.13	0.70
		1299	14.64	3.30	-0.69	0.67	1.95	1.89	1.93	0.15	0.51	1.57	0.71
1114	4	1280	10.32	8.35	-0.57	4.93	2.85	4.34	0.30	-0.62	0.28	-0.61	-0.11
		1281	14.70	11.99	-0.08	8.94	2.97	5.25	0.62	-0.45	0.60	-0.43	-0.11



		1300	11.60	7.53	2.11	7.39	2.25	0.88	1.03	0.75	1.00	0.78	-0.08
		1299	6.47	3.99	2.07	3.60	2.45	0.76	0.58	0.52	0.53	0.57	-0.03
1115	1	1281	59.83	18.63	-5.12	9.84	3.67	11.47	5.61	-1.65	1.26	2.70	3.56
		1282	57.94	23.05	-3.33	16.63	3.10	11.33	4.74	-1.87	1.31	1.56	3.30
		1301	37.55	13.52	0.24	10.95	2.81	5.25	4.00	-0.69	1.39	1.93	2.33
		1300	39.68	9.53	-0.48	5.34	3.71	4.93	4.87	-0.55	1.01	3.31	2.45
1115	2	1281	39.11	30.35	-0.25	23.98	6.13	12.43	1.70	-1.36	1.66	-1.32	-0.36
		1282	55.43	42.22	0.12	35.23	7.10	15.66	2.74	-0.21	2.73	-0.20	-0.11
		1301	50.52	32.97	2.75	32.79	2.93	2.28	3.88	1.66	3.83	1.71	-0.33
		1300	29.45	20.14	5.23	20.05	5.33	1.21	2.43	1.99	2.32	2.09	-0.18
1115	3	1281	20.39	8.45	-1.61	4.73	2.11	4.86	1.66	-0.39	0.52	0.75	1.02
		1282	21.33	10.66	-0.97	7.59	2.10	5.12	1.52	-0.42	0.62	0.49	0.97
		1301	13.85	6.79	0.60	5.76	1.63	2.30	1.35	0.04	0.70	0.69	0.66
		1300	13.41	4.73	0.41	3.14	2.00	2.08	1.58	0.02	0.48	1.13	0.71
1115	4	1281	14.66	11.85	-0.10	8.92	2.83	5.14	0.65	-0.45	0.63	-0.44	-0.14
		1282	20.91	16.27	0.12	13.10	3.29	6.41	1.04	-0.03	1.04	-0.03	-0.04
		1301	18.72	12.42	1.48	12.23	1.66	1.43	1.45	0.60	1.42	0.62	-0.13
		1300	11.04	7.68	2.30	7.49	2.48	0.98	0.90	0.72	0.86	0.76	-0.08
1116	1	1282	56.76	23.48	-3.43	16.92	3.12	11.55	4.52	-1.73	1.34	1.45	3.13
		256	59.37	25.44	-2.19	20.99	2.26	10.16	4.71	-1.74	2.27	0.70	3.13
		194	41.75	20.09	-3.38	16.63	0.08	8.32	3.22	-0.33	2.15	0.74	1.63
		1301	37.41	13.63	0.83	11.42	3.03	4.83	3.89	-1.29	0.58	2.02	2.49
1116	2	1282	51.26	43.03	0.13	35.77	7.39	16.09	1.73	-0.04	1.73	-0.04	-1.25e-03
		256	83.58	45.71	-0.03	35.53	10.16	19.03	9.62	4.73	9.45	4.90	-0.90
		194	95.39	59.54	-5.02	56.47	-1.95	13.74	5.74	-0.59	5.71	-0.56	-0.46
		1301	44.69	34.25	3.51	34.17	3.60	1.63	2.26	0.59	2.26	0.59	-1.21e-03
1116	3	1282	20.90	10.84	-0.99	7.72	2.13	5.22	1.43	-0.42	0.54	0.47	0.92
		256	23.26	11.58	-0.57	8.85	2.16	5.07	1.95	0.08	1.39	0.63	0.85
		194	19.10	10.91	-1.09	9.26	0.57	4.13	1.25	-0.04	1.07	0.15	0.45
		1301	13.37	6.91	0.85	6.00	1.76	2.16	1.23	-0.26	0.34	0.63	0.73
1116	4	1282	19.43	16.57	0.13	13.30	3.40	6.56	0.66	0.02	0.66	0.02	-5.63e-03
		256	31.31	17.67	-7.17e-03	13.16	4.50	7.70	3.59	1.80	3.52	1.87	-0.34
		194	35.50	22.52	-1.50	21.06	-0.04	5.74	2.13	-0.25	2.12	-0.24	-0.17
		1301	16.53	12.87	1.79	12.74	1.93	1.21	0.84	0.20	0.84	0.20	-9.16e-03
1117	1	96	40.77	21.79	-4.06	17.10	0.64	-9.97	2.09	-1.25	0.98	-0.14	-1.57
		1283	46.38	18.77	-4.91	10.64	3.22	-11.24	3.27	-1.59	0.61	1.06	-2.42
		1302	23.72	10.55	-1.99	5.95	2.61	-6.04	1.94	-0.30	0.59	1.05	-1.10
		145	27.35	12.55	-1.91	8.45	2.18	-6.51	1.75	-1.02	0.40	0.33	-1.38
1117	2	96	93.71	60.08	-7.86	55.99	-3.77	-16.15	6.49	1.99	6.45	2.04	0.44
		1283	60.65	49.71	-12.19	34.21	3.31	-26.81	3.63	1.45	3.03	2.05	0.97
		1302	38.39	32.39	-1.24	27.76	3.38	-11.58	1.47	-0.55	1.34	-0.42	0.49
		145	66.14	32.96	-0.02	27.27	5.67	-12.46	7.75	2.24	7.58	2.41	0.94
1117	3	96	18.59	11.46	-1.59	9.34	0.53	-4.81	1.02	-0.05	0.80	0.17	-0.44
		1283	18.56	10.12	-2.56	5.77	1.79	-6.02	1.09	-0.19	0.43	0.48	-0.64
		1302	10.09	6.27	-0.75	3.98	1.54	-3.29	0.61	0.04	0.32	0.34	-0.29
		145	12.30	7.05	-0.68	4.66	1.71	-3.57	0.86	0.06	0.67	0.25	-0.33
1117	4	96	34.90	22.75	-2.65	20.87	-0.77	-6.65	2.43	0.81	2.41	0.82	0.16
		1283	23.47	19.24	-4.67	12.76	1.82	-10.63	1.36	0.55	1.14	0.77	0.36
		1302	14.72	12.68	-0.46	10.45	1.77	-4.93	0.59	-0.15	0.54	-0.10	0.18
		145	24.71	13.00	-0.02	10.23	2.75	-5.33	2.86	0.80	2.80	0.86	0.35
1118	1	1283	45.17	18.10	-5.03	10.20	2.87	-10.97	3.65	-0.90	1.13	1.62	-2.26
		1284	47.91	14.51	-6.41	4.49	3.62	-10.45	4.85	-0.50	1.08	3.27	-2.44
		1303	26.81	7.95	-3.06	2.20	2.68	-5.50	2.84	-0.14	0.77	1.93	-1.37
		1302	24.94	10.76	-2.00	6.11	2.65	-6.14	1.87	-0.66	0.39	0.82	-1.25
1118	2	1283	60.98	46.51	-10.36	32.82	3.33	-24.32	4.24	2.23	3.97	2.51	0.70
		1284	47.70	36.52	-11.56	19.99	4.96	-22.83	2.70	2.20	2.45	2.45	0.25
		1303	37.32	24.58	-3.68	17.88	3.02	-12.02	0.88	-2.29	0.88	-2.28	-0.14
		1302	42.82	32.50	-2.21	27.17	3.13	-12.52	1.94	-0.69	1.89	-0.64	0.36
1118	3	1283	18.18	9.64	-2.41	5.54	1.70	-5.71	1.26	0.04	0.64	0.67	-0.61
		1284	18.32	7.82	-3.01	2.88	1.93	-5.40	1.59	0.06	0.51	1.15	-0.70
		1303	10.41	4.87	-1.33	2.10	1.43	-3.08	0.80	-0.03	0.32	0.45	-0.41
		1302	10.66	6.37	-0.86	3.98	1.53	-3.40	0.61	-0.08	0.28	0.24	-0.34
1118	4	1283	23.21	18.01	-3.94	12.24	1.83	-9.66	1.58	0.82	1.48	0.93	0.27
		1284	18.51	14.32	-4.52	7.47	2.33	-9.06	1.01	0.81	0.91	0.90	0.10
		1303	14.17	9.79	-1.51	6.75	1.53	-5.01	0.35	-0.80	0.35	-0.80	-0.04
		1302	16.30	12.75	-0.86	10.22	1.68	-5.29	0.75	-0.21	0.73	-0.19	0.13
1119	1	1284	47.68	14.34	-6.45	4.36	3.54	-10.39	4.94	-0.32	1.26	3.37	-2.41
		1285	51.39	10.87	-8.63	-1.34	3.57	-9.43	6.16	0.15	1.36	4.95	-2.41
		1304	29.45	5.43	-4.62	-1.66	2.47	-4.58	3.71	0.19	0.89	3.01	-1.40
		1303	26.71	7.99	-3.01	2.26	2.73	-5.50	2.77	-0.24	0.65	1.88	-1.37
1119	2	1284	48.01	36.02	-11.30	19.76	4.96	-22.47	2.88	2.27	2.75	2.40	0.25
		1285	37.98	27.38	-12.43	9.58	5.37	-19.79	1.68	1.47	1.48	1.67	0.04
		1304	30.72	17.28	-5.08	8.91	3.29	-10.82	-1.90e-03	-3.11	-0.05	-3.06	-0.37
		1303	36.32	24.52	-3.66	17.83	3.03	-11.99	0.82	-2.16	0.82	-2.16	-0.11
1119	3	1284	18.21	7.73	-2.99	2.82	1.92	-5.34	1.62	0.13	0.58	1.17	-0.69
		1285	18.58	5.95	-3.73	0.35	1.86	-4.78	1.94	0.17	0.52	1.59	-0.70
		1304	10.29	3.44	-1.91	0.24	1.29	-2.62	0.98	0.01	0.28	0.72	-0.43



		1303	10.35	4.88	-1.32	2.11	1.44	-3.08	0.78	-0.05	0.28	0.45	-0.41
1119	4	1284	18.58	14.13	-4.40	7.39	2.34	-8.92	1.07	0.83	1.02	0.88	0.10
		1285	14.87	10.87	-4.88	3.59	2.40	-7.85	0.62	0.54	0.55	0.62	0.02
		1304	11.64	7.02	-2.11	3.37	1.54	-4.47	0.02	-1.10	2.48e-03	-1.08	-0.13
		1303	13.81	9.77	-1.51	6.73	1.53	-5.01	0.33	-0.75	0.33	-0.75	-0.03
1120	1	1285	51.35	10.80	-8.66	-1.42	3.56	-9.41	6.20	0.21	1.42	4.98	-2.40
		1286	55.88	7.74	-11.45	-6.95	3.25	-8.13	7.42	0.70	1.60	6.52	-2.29
		1305	32.89	3.41	-6.84	-5.41	1.99	-3.55	4.58	0.53	1.05	4.07	-1.35
		1304	29.40	5.43	-4.60	-1.64	2.47	-4.57	3.69	0.16	0.85	3.00	-1.40
1120	2	1285	37.89	27.21	-12.32	9.48	5.41	-19.66	1.70	1.57	1.59	1.68	0.04
		1286	31.47	20.34	-13.64	1.12	5.57	-16.84	0.91	0.53	0.55	0.90	-0.08
		1305	28.40	11.90	-7.12	1.38	3.40	-9.46	-0.91	-4.02	-0.99	-3.94	-0.51
		1304	30.53	17.32	-5.10	8.95	3.26	-10.84	-0.07	-3.11	-0.11	-3.06	-0.37
1120	3	1285	18.54	5.91	-3.73	0.32	1.86	-4.76	1.95	0.19	0.54	1.60	-0.70
		1286	19.29	4.35	-4.62	-1.98	1.70	-4.09	2.26	0.25	0.52	2.00	-0.67
		1305	10.62	2.28	-2.70	-1.50	1.08	-2.13	1.16	0.05	0.25	0.96	-0.43
		1304	10.27	3.44	-1.91	0.24	1.29	-2.63	0.97	2.34e-03	0.26	0.71	-0.43
1120	4	1285	14.82	10.80	-4.83	3.55	2.41	-7.80	0.63	0.58	0.59	0.62	0.03
		1286	12.37	8.15	-5.34	0.42	2.39	-6.67	0.34	0.20	0.21	0.33	-0.02
		1305	10.63	4.91	-2.90	0.51	1.50	-3.88	-0.32	-1.44	-0.35	-1.41	-0.18
		1304	11.56	7.03	-2.13	3.38	1.52	-4.48	-7.88e-03	-1.10	-0.02	-1.08	-0.13
1121	1	1286	55.87	7.71	-11.48	-7.02	3.24	-8.11	7.43	0.71	1.61	6.53	-2.28
		1287	60.53	5.14	-14.61	-12.10	2.63	-6.58	8.55	1.16	1.80	7.92	-2.07
		1306	36.75	1.91	-9.43	-8.83	1.32	-2.53	5.42	0.85	1.21	5.06	-1.23
		1305	32.90	3.42	-6.82	-5.40	1.99	-3.55	4.58	0.52	1.04	4.07	-1.35
1121	2	1286	31.38	20.24	-13.63	1.03	5.58	-16.78	0.92	0.57	0.58	0.90	-0.08
		1287	28.42	14.99	-15.15	-5.79	5.63	-13.95	0.19	-0.33	-0.28	0.15	-0.15
		1306	30.66	8.29	-9.67	-4.80	3.42	-7.99	-1.70	-4.90	-1.80	-4.79	-0.57
		1305	28.52	11.93	-7.11	1.43	3.39	-9.47	-0.93	-4.04	-1.02	-3.95	-0.52
1121	3	1286	19.27	4.33	-4.63	-2.00	1.70	-4.07	2.26	0.26	0.52	2.00	-0.67
		1287	20.21	3.03	-5.62	-4.05	1.46	-3.33	2.55	0.33	0.51	2.36	-0.61
		1306	11.29	1.42	-3.64	-3.04	0.83	-1.63	1.33	0.09	0.24	1.19	-0.40
		1305	10.63	2.28	-2.69	-1.50	1.08	-2.13	1.16	0.05	0.25	0.96	-0.43
1121	4	1286	12.33	8.11	-5.33	0.38	2.40	-6.64	0.34	0.21	0.22	0.34	-0.02
		1287	11.11	6.04	-5.88	-2.18	2.35	-5.51	0.07	-0.12	-0.10	0.06	-0.05
		1306	11.48	3.44	-3.84	-1.85	1.45	-3.25	-0.62	-1.76	-0.66	-1.73	-0.20
		1305	10.67	4.93	-2.90	0.53	1.50	-3.88	-0.33	-1.44	-0.36	-1.41	-0.18
1122	1	1287	60.51	5.12	-14.65	-12.15	2.62	-6.57	8.55	1.17	1.80	7.92	-2.07
		1288	64.84	2.97	-17.78	-16.51	1.70	-4.97	9.54	1.55	1.97	9.12	-1.78
		1307	40.49	0.72	-11.96	-11.74	0.50	-1.64	6.17	1.13	1.36	5.94	-1.06
		1306	36.77	1.91	-9.42	-8.82	1.32	-2.53	5.42	0.85	1.21	5.06	-1.23
1122	2	1287	28.41	14.93	-15.18	-5.87	5.62	-13.92	0.20	-0.32	-0.27	0.15	-0.15
		1288	28.04	11.10	-16.79	-11.29	5.60	-11.10	-0.48	-1.05	-0.99	-0.54	-0.18
		1307	34.88	6.01	-12.36	-9.72	3.37	-6.45	-2.37	-5.65	-2.47	-5.56	-0.56
		1306	30.64	8.31	-9.64	-4.75	3.41	-8.00	-1.70	-4.91	-1.81	-4.80	-0.58
1122	3	1287	20.21	3.01	-5.63	-4.08	1.46	-3.32	2.55	0.33	0.51	2.36	-0.61
		1288	21.18	1.97	-6.65	-5.81	1.13	-2.56	2.80	0.39	0.51	2.67	-0.53
		1307	12.08	0.81	-4.61	-4.33	0.54	-1.18	1.49	0.13	0.23	1.39	-0.35
		1306	11.30	1.42	-3.64	-3.04	0.83	-1.63	1.33	0.09	0.24	1.19	-0.40
1122	4	1287	11.10	6.02	-5.89	-2.21	2.35	-5.50	0.07	-0.11	-0.10	0.06	-0.05
		1288	10.83	4.48	-6.46	-4.26	2.28	-4.38	-0.17	-0.38	-0.37	-0.19	-0.06
		1307	12.94	2.48	-4.83	-3.73	1.39	-2.61	-0.87	-2.05	-0.90	-2.01	-0.20
		1306	11.47	3.45	-3.83	-1.83	1.45	-3.25	-0.62	-1.77	-0.66	-1.73	-0.20
1123	1	1288	64.82	2.94	-17.81	-16.55	1.68	-4.95	9.54	1.55	1.97	9.12	-1.78
		1289	68.66	1.13	-20.57	-20.00	0.56	-3.48	10.40	1.88	2.13	10.16	-1.43
		1308	43.70	-0.31	-14.10	-14.02	-0.39	-1.00	6.81	1.37	1.50	6.68	-0.83
		1307	40.49	0.71	-11.95	-11.73	0.49	-1.64	6.17	1.13	1.36	5.94	-1.06
1123	2	1288	28.07	11.06	-16.83	-11.35	5.59	-11.08	-0.48	-1.05	-0.99	-0.55	-0.18
		1289	29.06	8.40	-18.35	-15.48	5.53	-8.29	-1.08	-1.61	-1.56	-1.14	-0.17
		1308	38.56	4.61	-14.78	-13.47	3.30	-4.87	-2.91	-6.26	-2.98	-6.19	-0.48
		1307	34.86	6.02	-12.33	-9.68	3.37	-6.45	-2.37	-5.66	-2.47	-5.56	-0.57
1123	3	1288	21.18	1.96	-6.66	-5.83	1.12	-2.56	2.80	0.39	0.51	2.67	-0.53
		1289	22.10	1.15	-7.59	-7.19	0.75	-1.84	3.01	0.44	0.51	2.94	-0.43
		1308	12.83	0.35	-5.46	-5.34	0.24	-0.81	1.62	0.17	0.23	1.57	-0.27
		1307	12.08	0.81	-4.60	-4.33	0.53	-1.18	1.49	0.13	0.23	1.39	-0.35
1123	4	1288	10.84	4.47	-6.47	-4.29	2.28	-4.37	-0.17	-0.38	-0.37	-0.19	-0.06
		1289	11.11	3.38	-7.00	-5.85	2.22	-3.26	-0.39	-0.59	-0.58	-0.41	-0.06
		1308	14.26	1.87	-5.72	-5.18	1.33	-1.96	-1.07	-2.27	-1.10	-2.25	-0.17
		1307	12.94	2.49	-4.82	-3.72	1.39	-2.61	-0.87	-2.05	-0.91	-2.01	-0.20
1124	1	1289	68.71	1.10	-20.60	-20.02	0.52	-3.48	10.42	1.88	2.13	10.17	-1.43
		1290	71.93	-0.31	-22.71	-22.47	-0.55	-2.29	11.15	2.16	2.28	11.03	-1.01
		1309	46.10	-1.14	-15.66	-15.63	-1.17	-0.66	7.31	1.57	1.62	7.25	-0.56
		1308	43.65	-0.33	-14.08	-14.01	-0.40	-1.00	6.81	1.37	1.50	6.68	-0.83
1124	2	1289	29.11	8.38	-18.39	-15.52	5.52	-8.28	-1.08	-1.62	-1.56	-1.14	-0.17
		1290	30.41	6.66	-19.63	-18.42	5.45	-5.50	-1.55	-2.01	-1.97	-1.59	-0.13
		1309	41.36	3.76	-16.64	-16.10	3.23	-3.26	-3.32	-6.69	-3.35	-6.66	-0.35
		1308	38.55	4.61	-14.75	-13.43	3.30	-4.87	-2.91	-6.26	-2.98	-6.19	-0.49



1124	3	1289	22.12	1.14	-7.60	-7.20	0.74	-1.84	3.02	0.44	0.52	2.94	-0.43
		1290	22.93	0.56	-8.33	-8.16	0.39	-1.21	3.20	0.49	0.53	3.17	-0.30
		1309	13.42	0.03	-6.10	-6.05	-0.02	-0.54	1.72	0.21	0.24	1.70	-0.19
		1308	12.82	0.35	-5.45	-5.34	0.23	-0.81	1.62	0.17	0.23	1.56	-0.27
1124	4	1289	11.13	3.37	-7.02	-5.87	2.22	-3.26	-0.39	-0.59	-0.58	-0.41	-0.06
		1290	11.56	2.66	-7.45	-6.96	2.17	-2.17	-0.56	-0.74	-0.73	-0.57	-0.04
		1309	15.28	1.50	-6.41	-6.19	1.28	-1.31	-1.23	-2.44	-1.24	-2.42	-0.12
		1308	14.26	1.88	-5.71	-5.16	1.33	-1.96	-1.07	-2.28	-1.10	-2.25	-0.17
1125	1	1290	72.06	-0.34	-22.73	-22.49	-0.58	-2.30	11.18	2.17	2.29	11.06	-1.02
		1291	74.26	-1.14	-24.01	-23.93	-1.22	-1.37	11.66	2.36	2.39	11.64	-0.51
		1310	47.58	-1.61	-16.59	-16.57	-1.63	-0.59	7.61	1.70	1.71	7.60	-0.29
		1309	46.02	-1.15	-15.64	-15.61	-1.18	-0.67	7.30	1.57	1.62	7.24	-0.56
1125	2	1290	30.46	6.65	-19.66	-18.45	5.45	-5.50	-1.55	-2.01	-1.97	-1.59	-0.13
		1291	31.45	5.69	-20.46	-20.17	5.40	-2.75	-1.86	-2.23	-2.22	-1.87	-0.07
		1310	43.10	3.31	-17.79	-17.67	3.18	-1.63	-3.57	-6.96	-3.58	-6.95	-0.18
		1309	41.36	3.77	-16.62	-16.08	3.23	-3.26	-3.32	-6.70	-3.35	-6.66	-0.36
1125	3	1290	22.97	0.55	-8.34	-8.17	0.38	-1.22	3.21	0.50	0.53	3.18	-0.31
		1291	23.53	0.22	-8.79	-8.74	0.17	-0.67	3.34	0.53	0.54	3.33	-0.15
		1310	13.79	-0.15	-6.49	-6.47	-0.17	-0.34	1.78	0.24	0.24	1.78	-0.10
		1309	13.40	0.02	-6.09	-6.05	-0.02	-0.54	1.72	0.21	0.24	1.69	-0.19
1125	4	1290	11.57	2.65	-7.46	-6.98	2.16	-2.16	-0.56	-0.74	-0.73	-0.57	-0.04
		1291	11.91	2.25	-7.75	-7.63	2.13	-1.08	-0.67	-0.83	-0.82	-0.67	-0.02
		1310	15.91	1.31	-6.85	-6.80	1.25	-0.65	-1.32	-2.54	-1.32	-2.53	-0.06
		1309	15.28	1.51	-6.41	-6.18	1.28	-1.31	-1.23	-2.44	-1.24	-2.42	-0.13
1126	1	1291	74.34	-1.15	-24.02	-23.94	-1.24	-1.40	11.68	2.37	2.40	11.66	-0.52
		1292	75.02	-1.17	-24.38	-24.36	-1.18	-0.57	11.80	2.42	2.42	11.80	0.04
		1311	48.18	-1.59	-16.91	-16.88	-1.61	-0.62	7.70	1.73	1.73	7.70	-0.02
		1310	47.54	-1.61	-16.59	-16.56	-1.64	-0.60	7.61	1.70	1.71	7.59	-0.28
1126	2	1291	31.47	5.69	-20.48	-20.19	5.40	-2.75	-1.85	-2.23	-2.22	-1.87	-0.07
		1292	31.83	5.38	-20.76	-20.76	5.38	8.49e-04	-1.97	-2.30	-2.30	-1.97	2.45e-03
		1311	43.69	3.16	-18.18	-18.18	3.16	-7.97e-04	-3.65	-7.04	-3.65	-7.04	5.20e-03
		1310	43.10	3.31	-17.78	-17.66	3.18	-1.63	-3.57	-6.96	-3.58	-6.95	-0.19
1126	3	1291	23.55	0.22	-8.80	-8.75	0.17	-0.68	3.34	0.54	0.55	3.33	-0.16
		1292	23.72	0.18	-8.92	-8.92	0.17	-0.17	3.37	0.54	0.54	3.37	0.01
		1311	13.94	-0.17	-6.61	-6.61	-0.17	-0.18	1.80	0.24	0.24	1.80	-4.45e-03
		1310	13.77	-0.15	-6.49	-6.47	-0.17	-0.35	1.78	0.24	0.24	1.78	-0.09
1126	4	1291	11.92	2.25	-7.75	-7.63	2.13	-1.08	-0.67	-0.83	-0.82	-0.68	-0.02
		1292	12.04	2.12	-7.85	-7.85	2.12	3.05e-04	-0.71	-0.85	-0.85	-0.71	7.63e-04
		1311	16.13	1.24	-6.99	-6.99	1.24	-2.16e-04	-1.35	-2.57	-1.35	-2.57	1.73e-03
		1310	15.91	1.31	-6.84	-6.79	1.25	-0.65	-1.32	-2.54	-1.32	-2.53	-0.07
1127	1	1292	74.95	-1.16	-24.38	-24.36	-1.17	-0.60	11.78	2.41	2.41	11.78	0.03
		1293	74.08	-0.42	-23.77	-23.76	-0.43	0.39	11.52	2.31	2.34	11.48	0.55
		1312	47.87	-1.09	-16.58	-16.56	-1.11	-0.51	7.57	1.66	1.68	7.56	0.27
		1311	48.22	-1.58	-16.91	-16.88	-1.60	-0.63	7.70	1.73	1.73	7.70	-6.91e-03
1127	2	1292	31.83	5.38	-20.76	-20.76	5.38	-8.50e-04	-1.97	-2.30	-2.30	-1.97	-2.45e-03
		1293	31.47	5.69	-20.48	-20.19	5.40	2.75	-1.85	-2.23	-2.22	-1.87	0.07
		1312	43.10	3.31	-17.78	-17.66	3.18	1.63	-3.57	-6.96	-3.58	-6.95	0.19
		1311	43.69	3.16	-18.18	-18.18	3.16	7.96e-04	-3.65	-7.04	-3.65	-7.04	-5.20e-03
1127	3	1292	23.70	0.18	-8.92	-8.92	0.18	-0.18	3.36	0.54	0.54	3.36	8.52e-03
		1293	23.47	0.42	-8.71	-8.69	0.41	0.38	3.29	0.52	0.53	3.28	0.17
		1312	13.86	-0.02	-6.47	-6.47	-0.02	0.02	1.77	0.23	0.23	1.77	0.09
		1311	13.95	-0.16	-6.62	-6.61	-0.17	-0.19	1.80	0.24	0.24	1.80	-2.23e-03
1127	4	1292	12.04	2.12	-7.85	-7.85	2.12	-3.06e-04	-0.71	-0.85	-0.85	-0.71	-7.63e-04
		1293	11.92	2.25	-7.75	-7.63	2.13	1.08	-0.67	-0.83	-0.82	-0.68	0.02
		1312	15.91	1.31	-6.84	-6.79	1.25	0.65	-1.32	-2.54	-1.32	-2.53	0.07
		1311	16.13	1.24	-6.99	-6.99	1.24	2.16e-04	-1.35	-2.57	-1.35	-2.57	-1.73e-03
1128	1	1293	73.96	-0.39	-23.76	-23.75	-0.40	0.37	11.48	2.29	2.33	11.45	0.55
		1294	71.96	0.88	-22.24	-22.11	0.75	1.69	10.97	2.10	2.22	10.86	1.01
		1313	46.56	-0.29	-15.55	-15.55	-0.29	-0.11	7.25	1.53	1.58	7.20	0.57
		1312	47.95	-1.07	-16.59	-16.57	-1.09	-0.52	7.58	1.66	1.68	7.57	0.28
1128	2	1293	31.45	5.69	-20.46	-20.17	5.40	2.75	-1.86	-2.23	-2.22	-1.87	0.07
		1294	30.46	6.65	-19.66	-18.45	5.45	5.50	-1.55	-2.01	-1.97	-1.59	0.13
		1313	41.36	3.77	-16.62	-16.08	3.23	3.26	-3.32	-6.70	-3.35	-6.66	0.36
		1312	43.10	3.31	-17.79	-17.67	3.18	1.63	-3.57	-6.96	-3.58	-6.95	0.18
1128	3	1293	23.44	0.43	-8.71	-8.69	0.42	0.38	3.28	0.51	0.52	3.27	0.17
		1294	22.93	0.89	-8.18	-8.06	0.77	1.03	3.15	0.48	0.51	3.11	0.30
		1313	13.53	0.26	-6.04	-6.03	0.24	0.31	1.70	0.20	0.22	1.68	0.19
		1312	13.88	-0.01	-6.47	-6.47	-0.01	0.02	1.77	0.23	0.23	1.77	0.09
1128	4	1293	11.91	2.25	-7.75	-7.63	2.13	1.08	-0.67	-0.83	-0.82	-0.67	0.02
		1294	11.57	2.65	-7.46	-6.98	2.16	2.16	-0.56	-0.74	-0.73	-0.57	0.04
		1313	15.28	1.51	-6.41	-6.18	1.28	1.31	-1.23	-2.44	-1.24	-2.42	0.13
		1312	15.91	1.31	-6.85	-6.80	1.25	0.65	-1.32	-2.54	-1.32	-2.53	0.06
1129	1	1294	71.92	0.91	-22.22	-22.09	0.79	1.69	10.96	2.10	2.21	10.84	1.00
		1295	69.08	2.47	-19.91	-19.41	1.96	3.34	10.29	1.84	2.08	10.05	1.41
		1314	44.22	0.63	-13.84	-13.81	0.60	0.64	6.77	1.34	1.48	6.64	0.84
		1313	46.61	-0.28	-15.56	-15.56	-0.28	-0.11	7.26	1.53	1.59	7.20	0.57
1129	2	1294	30.41	6.66	-19.63	-18.42	5.45	5.50	-1.55	-2.01	-1.97	-1.59	0.13



		1295	29.11	8.38	-18.39	-15.52	5.52	8.28	-1.08	-1.62	-1.56	-1.14	0.17
		1314	38.55	4.61	-14.75	-13.43	3.30	4.87	-2.91	-6.26	-2.98	-6.19	0.49
		1313	41.36	3.76	-16.64	-16.10	3.23	3.26	-3.32	-6.69	-3.35	-6.66	0.35
1129	3	1294	22.91	0.90	-8.17	-8.05	0.78	1.03	3.15	0.47	0.51	3.11	0.30
		1295	22.21	1.54	-7.39	-7.02	1.16	1.80	2.98	0.43	0.50	2.91	0.42
		1314	12.96	0.62	-5.36	-5.28	0.53	0.71	1.61	0.17	0.22	1.55	0.28
		1313	13.54	0.26	-6.05	-6.03	0.24	0.31	1.71	0.20	0.22	1.68	0.19
1129	4	1294	11.56	2.66	-7.45	-6.96	2.17	2.17	-0.56	-0.74	-0.73	-0.57	0.04
		1295	11.13	3.37	-7.02	-5.87	2.22	3.26	-0.39	-0.59	-0.58	-0.41	0.06
		1314	14.26	1.88	-5.71	-5.16	1.33	1.96	-1.07	-2.28	-1.10	-2.25	0.17
		1313	15.28	1.50	-6.41	-6.19	1.28	1.31	-1.23	-2.44	-1.24	-2.42	0.12
1130	1	1295	69.09	2.49	-19.89	-19.38	1.98	3.35	10.30	1.84	2.08	10.05	1.41
		1296	65.42	4.25	-17.04	-15.69	2.91	5.18	9.48	1.53	1.94	9.07	1.77
		1315	41.01	1.61	-11.58	-11.36	1.40	1.66	6.14	1.11	1.35	5.91	1.06
		1314	44.23	0.64	-13.85	-13.82	0.61	0.65	6.77	1.35	1.48	6.64	0.84
1130	2	1295	29.06	8.40	-18.35	-15.48	5.53	8.29	-1.08	-1.61	-1.56	-1.14	0.17
		1296	28.07	11.06	-16.83	-11.35	5.59	11.08	-0.48	-1.05	-0.99	-0.55	0.18
		1315	34.86	6.02	-12.33	-9.68	3.37	6.45	-2.37	-5.66	-2.47	-5.56	0.57
		1314	38.56	4.61	-14.78	-13.47	3.30	4.87	-2.91	-6.26	-2.98	-6.19	0.48
1130	3	1295	22.21	1.55	-7.38	-7.00	1.17	1.80	2.98	0.43	0.50	2.91	0.42
		1296	21.35	2.35	-6.44	-5.57	1.49	2.62	2.78	0.38	0.50	2.66	0.53
		1315	12.22	1.07	-4.49	-4.22	0.80	1.19	1.48	0.13	0.23	1.38	0.35
		1314	12.96	0.62	-5.37	-5.28	0.53	0.71	1.61	0.17	0.22	1.55	0.28
1130	4	1295	11.11	3.38	-7.00	-5.85	2.22	3.26	-0.39	-0.59	-0.58	-0.41	0.06
		1296	10.84	4.47	-6.47	-4.29	2.28	4.37	-0.17	-0.38	-0.37	-0.19	0.06
		1315	12.94	2.49	-4.82	-3.72	1.39	2.61	-0.87	-2.05	-0.91	-2.01	0.20
		1314	14.26	1.87	-5.72	-5.18	1.33	1.96	-1.07	-2.27	-1.10	-2.25	0.17
1131	1	1296	65.44	4.27	-17.00	-15.65	2.91	5.20	9.48	1.52	1.94	9.07	1.77
		1297	61.01	6.31	-13.94	-11.12	3.49	7.00	8.49	1.13	1.78	7.85	2.08
		1316	37.25	2.73	-9.01	-8.29	2.01	2.83	5.40	0.84	1.20	5.03	1.24
		1315	41.00	1.61	-11.58	-11.37	1.40	1.67	6.14	1.12	1.35	5.90	1.06
1131	2	1296	28.04	11.10	-16.79	-11.29	5.60	11.10	-0.48	-1.05	-0.99	-0.54	0.18
		1297	28.41	14.93	-15.18	-5.87	5.62	13.92	0.20	-0.32	-0.27	0.15	0.15
		1316	30.64	8.31	-9.64	-4.75	3.41	8.00	-1.70	-4.91	-1.81	-4.80	0.58
		1315	34.88	6.01	-12.36	-9.72	3.37	6.45	-2.37	-5.65	-2.47	-5.56	0.56
1131	3	1296	21.35	2.36	-6.43	-5.55	1.49	2.63	2.78	0.38	0.50	2.66	0.53
		1297	20.36	3.38	-5.44	-3.77	1.71	3.45	2.53	0.32	0.51	2.34	0.62
		1316	11.44	1.68	-3.53	-2.88	1.03	1.72	1.33	0.09	0.23	1.18	0.40
		1315	12.22	1.07	-4.49	-4.22	0.80	1.19	1.48	0.13	0.23	1.38	0.35
1131	4	1296	10.83	4.48	-6.46	-4.26	2.28	4.38	-0.17	-0.38	-0.37	-0.19	0.06
		1297	11.10	6.02	-5.89	-2.21	2.35	5.50	0.07	-0.11	-0.10	0.06	0.05
		1316	11.47	3.45	-3.83	-1.83	1.45	3.25	-0.62	-1.77	-0.66	-1.73	0.20
		1315	12.94	2.48	-4.83	-3.73	1.39	2.61	-0.87	-2.05	-0.90	-2.01	0.20
1132	1	1297	61.01	6.33	-13.90	-11.06	3.49	7.02	8.49	1.12	1.77	7.85	2.08
		1298	56.21	8.81	-10.97	-5.92	3.76	8.62	7.35	0.67	1.59	6.43	2.30
		1317	33.41	4.23	-6.53	-4.74	2.44	4.01	4.56	0.51	1.03	4.04	1.35
		1316	37.23	2.73	-9.02	-8.29	2.00	2.83	5.39	0.84	1.20	5.03	1.24
1132	2	1297	28.42	14.99	-15.15	-5.79	5.63	13.95	0.19	-0.33	-0.28	0.15	0.15
		1298	31.38	20.24	-13.63	1.03	5.58	16.78	0.92	0.57	0.58	0.90	0.08
		1317	28.52	11.93	-7.11	1.43	3.39	9.47	-0.93	-4.04	-1.02	-3.95	0.52
		1316	30.66	8.29	-9.67	-4.80	3.42	7.99	-1.70	-4.90	-1.80	-4.79	0.57
1132	3	1297	20.37	3.39	-5.43	-3.75	1.71	3.46	2.53	0.32	0.50	2.34	0.62
		1298	19.40	4.67	-4.49	-1.68	1.86	4.23	2.24	0.25	0.52	1.97	0.68
		1317	10.81	2.55	-2.63	-1.30	1.21	2.26	1.15	0.04	0.25	0.95	0.43
		1316	11.44	1.68	-3.53	-2.88	1.03	1.72	1.33	0.09	0.23	1.18	0.40
1132	4	1297	11.11	6.04	-5.88	-2.18	2.35	5.51	0.07	-0.12	-0.10	0.06	0.05
		1298	12.33	8.11	-5.33	0.38	2.40	6.64	0.34	0.21	0.22	0.34	0.02
		1317	10.67	4.93	-2.90	0.53	1.50	3.88	-0.33	-1.44	-0.36	-1.41	0.18
		1316	11.48	3.44	-3.84	-1.85	1.45	3.25	-0.62	-1.76	-0.66	-1.73	0.20
1133	1	1298	56.22	8.84	-10.93	-5.85	3.76	8.64	7.33	0.65	1.57	6.41	2.30
		1299	51.66	11.85	-8.41	-0.35	3.79	9.92	6.11	0.17	1.41	4.87	2.41
		1318	30.02	6.31	-4.50	-0.91	2.71	5.09	3.67	0.15	0.85	2.97	1.40
		1317	33.39	4.22	-6.54	-4.75	2.43	4.01	4.56	0.52	1.04	4.04	1.35
1133	2	1298	31.47	20.34	-13.64	1.12	5.57	16.84	0.91	0.53	0.55	0.90	0.08
		1299	37.89	27.21	-12.32	9.48	5.41	19.66	1.70	1.57	1.59	1.68	-0.04
		1318	30.53	17.32	-5.10	8.95	3.26	10.84	-0.07	-3.11	-0.11	-3.06	0.37
		1317	28.40	11.90	-7.12	1.38	3.40	9.46	-0.91	-4.02	-0.99	-3.94	0.51
1133	3	1298	19.42	4.69	-4.49	-1.65	1.85	4.24	2.23	0.24	0.51	1.97	0.68
		1299	18.67	6.23	-3.67	0.64	1.93	4.91	1.92	0.18	0.54	1.56	0.70
		1318	10.51	3.73	-1.91	0.46	1.36	2.78	0.97	-1.94e-03	0.26	0.70	0.43
		1317	10.80	2.54	-2.64	-1.31	1.21	2.26	1.16	0.05	0.25	0.95	0.43
1133	4	1298	12.37	8.15	-5.34	0.42	2.39	6.67	0.34	0.20	0.21	0.33	0.02
		1299	14.82	10.80	-4.83	3.55	2.41	7.80	0.63	0.58	0.59	0.62	-0.03
		1318	11.56	7.03	-2.13	3.38	1.52	4.48	-7.88e-03	-1.10	-0.02	-1.08	0.13
		1317	10.63	4.91	-2.90	0.51	1.50	3.88	-0.32	-1.44	-0.35	-1.41	0.18
1134	1	1299	51.71	11.91	-8.38	-0.27	3.80	9.94	6.07	0.11	1.34	4.84	2.42
		1300	48.09	15.32	-6.42	5.33	3.57	10.84	4.87	-0.32	1.27	3.28	2.40



		1319	27.49	8.92	-3.08	3.01	2.82	6.00	2.76	-0.24	0.66	1.86	1.38
		1318	30.06	6.30	-4.52	-0.93	2.71	5.09	3.69	0.19	0.89	2.99	1.41
1134	2	1299	37.98	27.38	-12.43	9.58	5.37	19.79	1.68	1.47	1.48	1.67	-0.04
		1300	48.01	36.02	-11.30	19.76	4.96	22.47	2.88	2.27	2.75	2.40	-0.25
		1319	36.32	24.52	-3.66	17.83	3.03	11.99	0.82	-2.16	0.82	-2.16	0.11
		1318	30.72	17.28	-5.08	8.91	3.29	10.82	-1.90e-03	-3.11	-0.05	-3.06	0.37
1134	3	1299	18.71	6.27	-3.67	0.67	1.93	4.93	1.91	0.15	0.51	1.55	0.70
		1300	18.37	8.02	-2.98	3.11	1.93	5.47	1.60	0.12	0.58	1.14	0.68
		1319	10.63	5.16	-1.36	2.34	1.47	3.23	0.78	-0.05	0.28	0.44	0.41
		1318	10.53	3.72	-1.91	0.45	1.36	2.78	0.98	0.01	0.28	0.71	0.43
1134	4	1299	14.87	10.87	-4.88	3.59	2.40	7.85	0.62	0.54	0.55	0.62	-0.02
		1300	18.58	14.13	-4.40	7.39	2.34	8.92	1.07	0.83	1.02	0.88	-0.10
		1319	13.81	9.77	-1.51	6.73	1.53	5.01	0.33	-0.75	0.33	-0.75	0.03
		1318	11.64	7.02	-2.11	3.37	1.54	4.47	0.02	-1.10	2.48e-03	-1.08	0.13
1135	1	1300	48.32	15.50	-6.39	5.46	3.65	10.90	4.77	-0.53	1.07	3.18	2.43
		1301	45.72	18.99	-5.12	11.06	2.80	11.32	3.63	-0.85	1.19	1.58	2.23
		1320	25.77	11.65	-2.11	6.83	2.70	6.57	1.87	-0.65	0.41	0.81	1.24
		1319	27.62	8.87	-3.14	2.96	2.77	6.00	2.84	-0.14	0.79	1.91	1.38
1135	2	1300	47.70	36.52	-11.56	19.99	4.96	22.83	2.70	2.20	2.45	2.45	-0.25
		1301	60.98	46.51	-10.36	32.82	3.33	24.32	4.24	2.23	3.97	2.51	-0.70
		1320	42.82	32.50	-2.21	27.17	3.13	12.52	1.94	-0.69	1.89	-0.64	-0.36
		1319	37.32	24.58	-3.68	17.88	3.02	12.02	0.88	-2.29	0.88	-2.28	0.14
1135	3	1300	18.48	8.12	-3.01	3.16	1.94	5.53	1.57	0.05	0.50	1.12	0.69
		1301	18.38	9.90	-2.43	5.79	1.68	5.81	1.26	0.05	0.65	0.66	0.60
		1320	10.94	6.64	-0.90	4.19	1.55	3.53	0.61	-0.08	0.29	0.24	0.34
		1319	10.71	5.15	-1.37	2.33	1.46	3.23	0.80	-0.03	0.32	0.45	0.41
1135	4	1300	18.51	14.32	-4.52	7.47	2.33	9.06	1.01	0.81	0.91	0.90	-0.10
		1301	23.21	18.01	-3.94	12.24	1.83	9.66	1.58	0.82	1.48	0.93	-0.27
		1320	16.30	12.75	-0.86	10.22	1.68	5.29	0.75	-0.21	0.73	-0.19	-0.13
		1319	14.17	9.79	-1.51	6.75	1.53	5.01	0.35	-0.80	0.35	-0.80	0.04
1136	1	1301	46.87	19.75	-4.97	11.61	3.17	11.61	3.21	-1.59	0.61	1.01	2.39
		194	41.39	22.45	-4.09	17.82	0.55	10.08	2.16	-1.12	1.12	-0.08	1.53
		243	27.98	13.35	-1.99	9.06	2.29	6.89	1.74	-0.98	0.43	0.33	1.36
		1320	24.63	11.41	-2.12	6.64	2.66	6.47	1.96	-0.27	0.64	1.06	1.10
1136	2	1301	60.65	49.71	-12.19	34.21	3.31	26.81	3.63	1.45	3.03	2.05	-0.97
		194	93.71	60.08	-7.86	55.99	-3.77	16.15	6.49	1.99	6.45	2.04	-0.44
		243	66.14	32.96	-0.02	27.27	5.67	12.46	7.75	2.24	7.58	2.41	-0.94
		1320	38.39	32.39	-1.24	27.76	3.38	11.58	1.47	-0.55	1.34	-0.42	-0.49
1136	3	1301	18.74	10.41	-2.57	6.06	1.77	6.13	1.08	-0.19	0.43	0.46	0.63
		194	18.85	11.66	-1.60	9.56	0.51	4.85	1.05	-0.02	0.84	0.19	0.43
		243	12.52	7.28	-0.70	4.84	1.75	3.68	0.86	0.07	0.68	0.25	0.33
		1320	10.40	6.53	-0.79	4.19	1.55	3.42	0.62	0.05	0.33	0.34	0.29
1136	4	1301	23.47	19.24	-4.67	12.76	1.82	10.63	1.36	0.55	1.14	0.77	-0.36
		194	34.90	22.75	-2.65	20.87	-0.77	6.65	2.43	0.81	2.41	0.82	-0.16
		243	24.71	13.00	-0.02	10.23	2.75	5.33	2.86	0.80	2.80	0.86	-0.35
		1320	14.72	12.68	-0.46	10.45	1.77	4.93	0.59	-0.15	0.54	-0.10	-0.18
1137	1	145	28.25	12.53	-2.31	8.20	2.02	-6.74	2.07	-0.61	1.01	0.44	-1.31
		1302	25.69	11.25	-2.14	6.43	2.68	-6.43	1.87	-0.76	0.27	0.83	-1.28
		1321	15.18	5.12	-0.67	2.62	1.83	-2.87	1.60	-0.13	0.46	1.01	-0.82
		95	16.20	9.61	-1.43	7.33	0.86	-4.47	0.76	-0.37	0.39	-6.15e-03	-0.53
1137	2	145	68.16	35.23	-2.12	28.21	4.91	-14.60	8.14	3.67	7.93	3.88	0.94
		1302	43.20	33.76	-2.67	27.52	3.56	-13.72	1.11	-0.73	1.08	-0.70	-0.24
		1321	30.92	24.04	1.75	23.72	2.08	-2.68	1.40	0.04	1.21	0.23	-0.46
		95	69.06	42.48	-5.07	40.18	-2.77	-10.21	4.06	-0.67	4.02	-0.63	0.43
1137	3	145	13.18	7.21	-1.00	4.63	1.59	-3.81	1.08	0.33	0.92	0.49	-0.31
		1302	11.21	6.64	-0.95	4.11	1.59	-3.58	0.60	-0.18	0.19	0.23	-0.39
		1321	6.75	3.85	0.10	2.83	1.12	-1.67	0.53	1.06e-03	0.23	0.30	-0.26
		95	10.20	6.82	-0.69	5.56	0.58	-2.81	0.46	-0.12	0.43	-0.09	-0.12
1137	4	145	25.67	13.86	-0.86	10.56	2.44	-6.14	3.05	1.42	2.97	1.51	0.36
		1302	16.64	13.25	-1.04	10.36	1.85	-5.74	0.43	-0.23	0.42	-0.22	-0.08
		1321	11.93	9.40	0.88	9.08	1.19	-1.61	0.51	0.02	0.45	0.07	-0.16
		95	26.21	16.49	-1.69	15.29	-0.50	-4.51	1.52	-0.29	1.51	-0.28	0.16
1138	1	1302	25.98	10.73	-2.22	5.97	2.54	-6.24	2.08	-0.57	0.55	0.96	-1.31
		1303	26.68	8.05	-3.01	2.27	2.76	-5.53	2.76	-0.24	0.65	1.87	-1.37
		1322	15.54	3.64	-1.22	0.53	1.88	-2.34	1.96	0.13	0.55	1.54	-0.77
		1321	14.54	5.66	-0.66	3.11	1.89	-3.10	1.42	-0.13	0.40	0.89	-0.73
1138	2	1302	46.13	33.16	-2.68	27.10	3.39	-13.44	1.90	-0.84	1.89	-0.84	-0.08
		1303	37.06	24.43	-3.73	17.81	2.89	-11.94	0.91	-2.23	0.90	-2.23	-0.12
		1322	21.46	14.13	2.06	13.29	2.90	-3.07	1.77	0.55	1.25	1.06	-0.60
		1321	35.70	23.23	0.91	22.78	1.35	-3.12	2.61	1.13	2.59	1.16	-0.20
1138	3	1302	11.38	6.44	-0.98	3.94	1.53	-3.51	0.69	-0.10	0.33	0.26	-0.39
		1303	10.33	4.88	-1.32	2.11	1.44	-3.08	0.77	-0.05	0.28	0.44	-0.40
		1322	6.42	2.64	-0.21	1.35	1.08	-1.42	0.69	0.10	0.26	0.53	-0.26
		1321	6.79	3.96	0.01	2.90	1.07	-1.75	0.55	0.12	0.33	0.34	-0.22
1138	4	1302	17.65	13.03	-1.05	10.20	1.78	-5.64	0.73	-0.27	0.73	-0.27	-0.03
		1303	14.07	9.73	-1.53	6.72	1.48	-4.98	0.36	-0.78	0.36	-0.77	-0.04
		1322	8.55	5.75	0.77	5.13	1.39	-1.64	0.65	0.21	0.47	0.39	-0.21



1139	1	1321	13.70	9.11	0.53	8.73	0.91	-1.75	0.98	0.41	0.97	0.42	-0.06
		1303	27.05	8.02	-3.07	2.24	2.71	-5.54	2.84	-0.20	0.71	1.93	-1.39
		1304	29.46	5.46	-4.62	-1.64	2.48	-4.60	3.69	0.16	0.85	3.00	-1.40
		1323	17.10	2.06	-2.47	-1.96	1.54	-1.43	2.46	0.31	0.63	2.14	-0.77
1139	2	1322	15.11	3.55	-1.18	0.53	1.84	-2.27	1.89	0.09	0.49	1.49	-0.75
		1303	36.89	24.63	-3.69	17.79	3.16	-12.12	0.83	-2.21	0.82	-2.21	-0.16
		1304	30.48	17.20	-5.10	8.86	3.24	-10.79	-5.38e-03	-3.10	-0.05	-3.06	-0.35
		1323	16.71	7.59	0.67	5.51	2.75	-3.17	1.20	-0.68	0.48	0.03	-0.91
1139	3	1322	22.73	13.85	1.70	13.11	2.44	-2.90	1.98	0.67	1.58	1.07	-0.60
		1303	10.51	4.90	-1.35	2.11	1.45	-3.11	0.80	-0.05	0.29	0.46	-0.42
		1304	10.27	3.45	-1.92	0.24	1.29	-2.63	0.97	6.55e-03	0.27	0.71	-0.43
		1323	6.33	1.55	-0.74	-0.07	0.88	-1.04	0.78	0.08	0.23	0.63	-0.28
1139	4	1322	6.25	2.56	-0.20	1.33	1.02	-1.37	0.68	0.11	0.27	0.52	-0.26
		1303	14.05	9.82	-1.52	6.71	1.58	-5.06	0.33	-0.77	0.33	-0.77	-0.05
		1304	11.54	6.99	-2.12	3.35	1.52	-4.46	0.02	-1.09	3.80e-03	-1.08	-0.12
		1323	6.73	3.31	0.07	2.14	1.24	-1.56	0.43	-0.25	0.18	5.53e-03	-0.33
1140	1	1322	8.98	5.61	0.65	5.06	1.20	-1.56	0.73	0.26	0.60	0.40	-0.21
		1304	29.57	5.46	-4.64	-1.65	2.48	-4.61	3.71	0.17	0.87	3.02	-1.41
		1305	33.00	3.44	-6.85	-5.40	2.00	-3.57	4.59	0.51	1.03	4.07	-1.35
		1324	19.82	1.16	-4.40	-4.33	1.10	-0.61	3.04	0.52	0.75	2.81	-0.73
1140	2	1323	16.99	2.01	-2.47	-1.97	1.52	-1.40	2.44	0.30	0.61	2.13	-0.75
		1304	30.38	17.31	-5.08	8.92	3.32	-10.84	-0.07	-3.11	-0.11	-3.06	-0.35
		1305	28.37	11.87	-7.13	1.34	3.39	-9.44	-0.91	-4.02	-1.00	-3.93	-0.51
		1324	16.97	4.42	-2.69	-0.91	2.64	-3.08	0.44	-1.87	-0.31	-1.11	-1.08
1140	3	1323	16.85	7.39	0.63	5.41	2.61	-3.07	1.27	-0.66	0.58	0.03	-0.92
		1304	10.32	3.46	-1.92	0.24	1.30	-2.64	0.98	5.29e-03	0.27	0.72	-0.43
		1305	10.65	2.28	-2.70	-1.50	1.08	-2.13	1.16	0.05	0.25	0.96	-0.43
		1324	6.66	0.89	-1.58	-1.37	0.67	-0.69	0.86	0.07	0.20	0.74	-0.29
1140	4	1323	6.25	1.50	-0.74	-0.09	0.86	-1.02	0.77	0.08	0.23	0.63	-0.28
		1304	11.51	7.03	-2.12	3.37	1.55	-4.48	-8.19e-03	-1.10	-0.02	-1.09	-0.12
		1305	10.62	4.90	-2.91	0.50	1.50	-3.87	-0.32	-1.44	-0.35	-1.41	-0.18
		1324	6.67	1.99	-1.22	-0.36	1.13	-1.42	0.15	-0.69	-0.12	-0.42	-0.39
1141	1	1323	6.76	3.22	0.06	2.10	1.18	-1.51	0.46	-0.24	0.22	4.36e-03	-0.33
		1305	33.03	3.44	-6.86	-5.42	2.00	-3.57	4.60	0.52	1.04	4.08	-1.36
		1306	36.87	1.94	-9.45	-8.84	1.34	-2.55	5.43	0.84	1.20	5.06	-1.24
		1325	22.95	0.57	-6.45	-6.45	0.57	0.05	3.62	0.72	0.88	3.46	-0.66
1141	2	1324	19.81	1.15	-4.41	-4.34	1.08	-0.59	3.03	0.51	0.74	2.80	-0.73
		1305	28.30	11.93	-7.11	1.39	3.42	-9.46	-0.94	-4.02	-1.02	-3.94	-0.50
		1306	30.61	8.28	-9.68	-4.82	3.42	-7.98	-1.70	-4.90	-1.81	-4.79	-0.58
		1325	19.99	3.33	-7.02	-6.19	2.51	-2.80	-0.34	-2.83	-1.02	-2.16	-1.11
1141	3	1324	16.90	4.31	-2.71	-0.98	2.58	-3.02	0.46	-1.86	-0.29	-1.11	-1.08
		1305	10.66	2.29	-2.71	-1.50	1.09	-2.14	1.16	0.05	0.25	0.97	-0.43
		1306	11.33	1.43	-3.65	-3.05	0.83	-1.64	1.34	0.09	0.23	1.19	-0.40
		1325	7.27	0.52	-2.55	-2.50	0.46	-0.40	0.94	0.08	0.17	0.84	-0.27
1141	4	1324	6.64	0.87	-1.59	-1.38	0.66	-0.68	0.86	0.07	0.19	0.74	-0.29
		1305	10.60	4.92	-2.90	0.52	1.51	-3.88	-0.33	-1.44	-0.36	-1.41	-0.17
		1306	11.46	3.44	-3.85	-1.86	1.45	-3.25	-0.62	-1.76	-0.66	-1.73	-0.20
		1325	7.70	1.44	-2.82	-2.42	1.04	-1.24	-0.15	-1.06	-0.39	-0.82	-0.40
1142	1	1324	6.64	1.95	-1.23	-0.38	1.11	-1.40	0.16	-0.69	-0.11	-0.42	-0.39
		1306	36.87	1.94	-9.46	-8.85	1.33	-2.55	5.43	0.84	1.21	5.07	-1.24
		1307	40.58	0.74	-11.99	-11.77	0.52	-1.66	6.18	1.12	1.36	5.94	-1.06
		1326	25.93	0.02	-8.24	-8.22	-6.01e-03	0.46	4.14	0.90	1.00	4.04	-0.56
1142	2	1325	22.96	0.56	-6.46	-6.46	0.56	0.06	3.62	0.71	0.87	3.46	-0.66
		1306	30.68	8.31	-9.66	-4.78	3.44	-7.99	-1.71	-4.90	-1.81	-4.79	-0.56
		1307	34.84	6.01	-12.37	-9.73	3.38	-6.44	-2.37	-5.65	-2.47	-5.55	-0.57
		1326	23.51	2.80	-10.86	-10.43	2.37	-2.38	-1.07	-3.58	-1.60	-3.06	-1.02
1142	3	1325	19.96	3.28	-7.05	-6.25	2.47	-2.77	-0.34	-2.83	-1.01	-2.16	-1.11
		1306	11.32	1.43	-3.65	-3.05	0.83	-1.64	1.34	0.09	0.24	1.19	-0.40
		1307	12.12	0.82	-4.62	-4.34	0.54	-1.19	1.49	0.13	0.23	1.39	-0.35
		1326	7.94	0.26	-3.44	-3.43	0.25	-0.19	1.01	0.10	0.16	0.94	-0.24
1142	4	1325	7.26	0.51	-2.56	-2.51	0.46	-0.39	0.94	0.08	0.17	0.84	-0.27
		1306	11.49	3.45	-3.84	-1.84	1.45	-3.25	-0.62	-1.76	-0.66	-1.73	-0.20
		1307	12.93	2.48	-4.83	-3.74	1.39	-2.61	-0.87	-2.05	-0.91	-2.01	-0.20
		1326	9.01	1.16	-4.29	-4.09	0.95	-1.03	-0.42	-1.35	-0.61	-1.16	-0.37
1143	1	1325	7.69	1.42	-2.84	-2.44	1.02	-1.23	-0.14	-1.06	-0.38	-0.82	-0.40
		1307	40.58	0.73	-12.00	-11.78	0.51	-1.66	6.18	1.13	1.36	5.95	-1.06
		1308	43.75	-0.29	-14.14	-14.07	-0.36	-1.01	6.81	1.37	1.50	6.68	-0.83
		1327	28.38	-0.55	-9.62	-9.58	-0.58	0.56	4.58	1.05	1.10	4.52	-0.44
1143	2	1326	25.94	9.70e-03	-8.25	-8.22	-0.02	0.46	4.14	0.90	1.00	4.04	-0.56
		1307	34.88	6.03	-12.35	-9.71	3.39	-6.45	-2.37	-5.65	-2.47	-5.56	-0.55
		1308	38.55	4.61	-14.79	-13.48	3.31	-4.86	-2.91	-6.26	-2.98	-6.19	-0.49
		1327	26.54	2.44	-13.89	-13.67	2.23	-1.86	-1.71	-4.12	-2.05	-3.78	-0.84
1143	3	1326	23.50	2.77	-10.89	-10.47	2.34	-2.36	-1.08	-3.58	-1.60	-3.06	-1.02
		1307	12.11	0.82	-4.62	-4.34	0.54	-1.19	1.49	0.13	0.23	1.40	-0.35
		1308	12.86	0.36	-5.47	-5.35	0.25	-0.81	1.62	0.17	0.23	1.56	-0.28
		1327	8.54	0.05	-4.15	-4.15	0.05	-0.07	1.06	0.11	0.15	1.02	-0.19
		1326	7.94	0.26	-3.45	-3.44	0.25	-0.18	1.01	0.10	0.16	0.94	-0.24



1143	4	1307	12.94	2.49	-4.82	-3.73	1.39	-2.61	-0.87	-2.05	-0.91	-2.01	-0.19
		1308	14.25	1.88	-5.72	-5.18	1.33	-1.96	-1.07	-2.27	-1.10	-2.25	-0.17
		1327	10.19	0.98	-5.46	-5.36	0.88	-0.79	-0.66	-1.56	-0.78	-1.44	-0.31
		1326	9.01	1.14	-4.30	-4.10	0.94	-1.02	-0.42	-1.35	-0.61	-1.16	-0.37
1144	1	1308	43.77	-0.30	-14.14	-14.07	-0.38	-1.01	6.82	1.37	1.50	6.69	-0.83
		1309	46.19	-1.11	-15.72	-15.69	-1.14	-0.67	7.31	1.56	1.62	7.25	-0.57
		1328	30.12	-1.05	-10.56	-10.54	-1.07	0.36	4.89	1.15	1.18	4.87	-0.30
		1327	28.36	-0.56	-9.62	-9.59	-0.60	0.56	4.58	1.05	1.10	4.52	-0.44
1144	2	1308	38.57	4.62	-14.77	-13.46	3.31	-4.87	-2.92	-6.26	-2.99	-6.19	-0.47
		1309	41.36	3.77	-16.65	-16.12	3.24	-3.25	-3.32	-6.69	-3.36	-6.66	-0.36
		1328	29.08	2.21	-16.05	-15.96	2.12	-1.27	-2.20	-4.47	-2.37	-4.30	-0.60
		1327	26.54	2.43	-13.91	-13.70	2.21	-1.85	-1.71	-4.12	-2.05	-3.78	-0.84
1144	3	1308	12.86	0.36	-5.47	-5.35	0.24	-0.82	1.62	0.17	0.23	1.57	-0.27
		1309	13.46	0.04	-6.12	-6.07	-0.01	-0.54	1.72	0.21	0.23	1.70	-0.19
		1328	8.99	-0.12	-4.66	-4.66	-0.12	-0.05	1.10	0.13	0.15	1.08	-0.13
		1327	8.53	0.05	-4.16	-4.16	0.04	-0.07	1.06	0.11	0.15	1.02	-0.19
1144	4	1308	14.26	1.88	-5.72	-5.17	1.33	-1.96	-1.08	-2.27	-1.10	-2.25	-0.17
		1309	15.27	1.51	-6.42	-6.20	1.29	-1.30	-1.23	-2.44	-1.24	-2.42	-0.13
		1328	11.17	0.87	-6.31	-6.27	0.83	-0.53	-0.84	-1.69	-0.90	-1.63	-0.22
		1327	10.19	0.97	-5.47	-5.37	0.88	-0.78	-0.66	-1.56	-0.78	-1.44	-0.31
1145	1	1309	46.22	-1.13	-15.71	-15.68	-1.16	-0.68	7.32	1.56	1.62	7.26	-0.57
		1310	47.78	-1.58	-16.66	-16.64	-1.60	-0.59	7.63	1.69	1.70	7.61	-0.29
		1329	31.20	-1.34	-11.12	-11.12	-1.34	-0.07	5.08	1.21	1.22	5.07	-0.16
		1328	30.09	-1.06	-10.55	-10.54	-1.08	0.35	4.89	1.15	1.18	4.86	-0.30
1145	2	1309	41.37	3.77	-16.64	-16.11	3.24	-3.26	-3.32	-6.69	-3.36	-6.66	-0.34
		1310	43.11	3.32	-17.81	-17.68	3.19	-1.63	-3.57	-6.96	-3.58	-6.95	-0.19
		1329	30.80	2.07	-17.35	-17.33	2.05	-0.65	-2.52	-4.66	-2.56	-4.61	-0.31
		1328	29.08	2.20	-16.07	-15.98	2.11	-1.27	-2.20	-4.47	-2.37	-4.30	-0.59
1145	3	1309	13.46	0.03	-6.12	-6.07	-0.02	-0.54	1.72	0.21	0.24	1.70	-0.19
		1310	13.85	-0.14	-6.51	-6.49	-0.16	-0.34	1.79	0.24	0.24	1.78	-0.10
		1329	9.27	-0.21	-4.97	-4.96	-0.21	-0.10	1.12	0.14	0.14	1.11	-0.07
		1328	8.98	-0.12	-4.66	-4.66	-0.12	-0.05	1.10	0.13	0.15	1.08	-0.13
1145	4	1309	15.28	1.51	-6.41	-6.19	1.29	-1.31	-1.23	-2.44	-1.24	-2.42	-0.12
		1310	15.91	1.31	-6.85	-6.80	1.26	-0.65	-1.32	-2.54	-1.32	-2.53	-0.07
		1329	11.84	0.80	-6.81	-6.80	0.79	-0.27	-0.96	-1.77	-0.98	-1.75	-0.11
		1328	11.17	0.86	-6.31	-6.27	0.82	-0.53	-0.84	-1.69	-0.90	-1.64	-0.22
1146	1	1310	47.79	-1.58	-16.66	-16.64	-1.61	-0.61	7.63	1.69	1.71	7.62	-0.29
		1311	48.42	-1.56	-16.98	-16.96	-1.58	-0.61	7.72	1.72	1.72	7.72	-4.94e-03
		1330	31.71	-1.30	-11.37	-11.34	-1.33	-0.59	5.15	1.24	1.24	5.15	-9.17e-03
		1329	31.18	-1.35	-11.12	-11.12	-1.35	-0.09	5.08	1.22	1.22	5.07	-0.15
1146	2	1310	43.11	3.32	-17.81	-17.68	3.19	-1.63	-3.57	-6.96	-3.58	-6.95	-0.18
		1311	43.70	3.17	-18.20	-18.20	3.17	8.52e-04	-3.65	-7.04	-3.65	-7.04	-7.97e-03
		1330	31.37	2.02	-17.78	-17.78	2.02	-8.84e-05	-2.63	-4.71	-2.63	-4.71	-1.18e-03
		1329	30.80	2.06	-17.36	-17.34	2.04	-0.64	-2.52	-4.66	-2.56	-4.61	-0.31
1146	3	1310	13.86	-0.15	-6.51	-6.49	-0.17	-0.35	1.79	0.24	0.24	1.78	-0.10
		1311	14.01	-0.16	-6.64	-6.63	-0.16	-0.18	1.81	0.24	0.24	1.81	-1.82e-03
		1330	9.40	-0.21	-5.08	-5.07	-0.21	-0.18	1.13	0.14	0.14	1.13	-2.70e-03
		1329	9.26	-0.21	-4.97	-4.97	-0.21	-0.10	1.12	0.14	0.14	1.11	-0.07
1146	4	1310	15.92	1.31	-6.85	-6.80	1.26	-0.65	-1.32	-2.54	-1.32	-2.53	-0.06
		1311	16.13	1.25	-7.00	-7.00	1.25	4.35e-04	-1.35	-2.57	-1.35	-2.57	-2.72e-03
		1330	12.07	0.78	-6.98	-6.98	0.78	-7.57e-05	-1.00	-1.80	-1.00	-1.80	-3.30e-04
		1329	11.85	0.80	-6.82	-6.81	0.79	-0.27	-0.96	-1.77	-0.98	-1.76	-0.11
1147	1	1311	48.41	-1.55	-16.98	-16.96	-1.57	-0.63	7.72	1.72	1.72	7.72	-8.51e-03
		1312	48.06	-1.06	-16.64	-16.63	-1.08	-0.50	7.59	1.66	1.67	7.58	0.28
		1331	31.64	-0.94	-11.29	-11.19	-1.04	-1.01	5.10	1.22	1.23	5.10	0.14
		1330	31.73	-1.29	-11.37	-11.34	-1.33	-0.60	5.15	1.24	1.24	5.15	-6.29e-03
1147	2	1311	43.70	3.17	-18.20	-18.20	3.17	-8.52e-04	-3.65	-7.04	-3.65	-7.04	7.97e-03
		1312	43.11	3.32	-17.81	-17.68	3.19	1.63	-3.57	-6.96	-3.58	-6.95	0.18
		1331	30.80	2.06	-17.36	-17.34	2.04	0.64	-2.52	-4.66	-2.56	-4.61	0.31
		1330	31.37	2.02	-17.78	-17.78	2.02	8.72e-05	-2.63	-4.71	-2.63	-4.71	1.18e-03
1147	3	1311	14.01	-0.15	-6.64	-6.63	-0.16	-0.19	1.81	0.24	0.24	1.81	-2.17e-03
		1312	13.92	-8.70e-03	-6.49	-6.49	-8.77e-03	0.02	1.78	0.23	0.23	1.77	0.09
		1331	9.37	-0.11	-5.00	-4.99	-0.12	-0.22	1.13	0.14	0.15	1.12	0.06
		1330	9.40	-0.21	-5.08	-5.07	-0.21	-0.18	1.13	0.14	0.14	1.13	-1.88e-03
1147	4	1311	16.13	1.25	-7.00	-7.00	1.25	-4.35e-04	-1.35	-2.57	-1.35	-2.57	2.72e-03
		1312	15.92	1.31	-6.85	-6.80	1.26	0.65	-1.32	-2.54	-1.32	-2.53	0.06
		1331	11.85	0.80	-6.82	-6.81	0.79	0.27	-0.96	-1.77	-0.98	-1.76	0.11
		1330	12.07	0.78	-6.98	-6.98	0.78	7.52e-05	-1.00	-1.80	-1.00	-1.80	3.30e-04
1148	1	1312	48.04	-1.05	-16.65	-16.63	-1.06	-0.51	7.58	1.66	1.67	7.57	0.28
		1313	46.67	-0.27	-15.61	-15.61	-0.27	-0.09	7.26	1.53	1.58	7.20	0.57
		1332	30.80	-0.42	-10.78	-10.65	-0.55	-1.18	4.93	1.16	1.18	4.90	0.30
		1331	31.67	-0.93	-11.30	-11.20	-1.03	-1.02	5.11	1.22	1.23	5.10	0.15
1148	2	1312	43.11	3.32	-17.81	-17.68	3.19	1.63	-3.57	-6.96	-3.58	-6.95	0.19
		1313	41.37	3.77	-16.64	-16.11	3.24	3.26	-3.32	-6.69	-3.36	-6.66	0.34
		1332	29.08	2.20	-16.07	-15.98	2.11	1.27	-2.20	-4.47	-2.37	-4.30	0.59
		1331	30.80	2.07	-17.35	-17.33	2.05	0.65	-2.52	-4.66	-2.56	-4.61	0.31
1148	3	1312	13.92	-3.70e-03	-6.49	-6.49	-3.75e-03	0.02	1.78	0.23	0.23	1.77	0.10



		1313	13.57	0.26	-6.06	-6.04	0.25	0.31	1.71	0.20	0.22	1.68	0.19
		1332	9.14	0.04	-4.70	-4.69	0.03	-0.19	1.11	0.13	0.15	1.09	0.13
		1331	9.38	-0.11	-5.00	-4.99	-0.12	-0.22	1.13	0.14	0.15	1.12	0.06
1148	4	1312	15.91	1.31	-6.85	-6.80	1.26	0.65	-1.32	-2.54	-1.32	-2.53	0.07
		1313	15.28	1.51	-6.41	-6.19	1.29	1.31	-1.23	-2.44	-1.24	-2.42	0.12
		1332	11.17	0.86	-6.31	-6.27	0.82	0.53	-0.84	-1.69	-0.90	-1.64	0.22
		1331	11.84	0.80	-6.81	-6.80	0.79	0.27	-0.96	-1.77	-0.98	-1.75	0.11
1149	1	1313	46.66	-0.25	-15.61	-15.61	-0.25	-0.09	7.26	1.53	1.58	7.20	0.57
		1314	44.31	0.66	-13.89	-13.86	0.63	0.66	6.77	1.34	1.48	6.64	0.84
		1333	29.08	0.12	-9.76	-9.65	0.01	-1.03	4.61	1.05	1.10	4.55	0.45
		1332	30.82	-0.41	-10.78	-10.65	-0.54	-1.18	4.93	1.16	1.18	4.90	0.30
1149	2	1313	41.36	3.77	-16.65	-16.12	3.24	3.25	-3.32	-6.69	-3.36	-6.66	0.36
		1314	38.57	4.62	-14.77	-13.46	3.31	4.87	-2.92	-6.26	-2.99	-6.19	0.47
		1333	26.54	2.43	-13.91	-13.70	2.21	1.85	-1.71	-4.12	-2.05	-3.78	0.84
		1332	29.08	2.21	-16.05	-15.96	2.12	1.27	-2.20	-4.47	-2.37	-4.30	0.60
1149	3	1313	13.57	0.27	-6.06	-6.05	0.25	0.31	1.71	0.20	0.22	1.68	0.19
		1314	12.99	0.62	-5.38	-5.29	0.54	0.71	1.61	0.17	0.22	1.55	0.28
		1333	8.71	0.22	-4.17	-4.17	0.22	-0.07	1.07	0.11	0.15	1.03	0.19
		1332	9.15	0.05	-4.70	-4.69	0.04	-0.19	1.11	0.13	0.15	1.09	0.13
1149	4	1313	15.27	1.51	-6.42	-6.20	1.29	1.30	-1.23	-2.44	-1.24	-2.42	0.13
		1314	14.26	1.88	-5.72	-5.17	1.33	1.96	-1.08	-2.27	-1.10	-2.25	0.17
		1333	10.19	0.97	-5.47	-5.37	0.88	0.78	-0.66	-1.56	-0.78	-1.44	0.31
		1332	11.17	0.87	-6.31	-6.27	0.83	0.53	-0.84	-1.69	-0.90	-1.63	0.22
1150	1	1314	44.31	0.67	-13.88	-13.85	0.64	0.66	6.77	1.34	1.48	6.64	0.84
		1315	41.11	1.63	-11.61	-11.39	1.42	1.68	6.15	1.11	1.35	5.92	1.06
		1334	26.57	0.59	-8.22	-8.18	0.55	-0.59	4.17	0.90	1.00	4.06	0.57
		1333	29.08	0.13	-9.75	-9.64	0.02	-1.03	4.60	1.04	1.10	4.55	0.45
1150	2	1314	38.55	4.61	-14.79	-13.48	3.31	4.86	-2.91	-6.26	-2.98	-6.19	0.49
		1315	34.88	6.03	-12.35	-9.71	3.39	6.45	-2.37	-5.65	-2.47	-5.56	0.55
		1334	23.50	2.77	-10.89	-10.47	2.34	2.36	-1.08	-3.58	-1.60	-3.06	1.02
		1333	26.54	2.44	-13.89	-13.67	2.23	1.86	-1.71	-4.12	-2.05	-3.78	0.84
1150	3	1314	12.99	0.63	-5.38	-5.29	0.54	0.71	1.61	0.17	0.22	1.55	0.28
		1315	12.25	1.08	-4.50	-4.23	0.81	1.20	1.48	0.13	0.23	1.39	0.35
		1334	8.10	0.42	-3.43	-3.43	0.41	0.15	1.01	0.09	0.16	0.95	0.24
		1333	8.71	0.23	-4.17	-4.17	0.23	-0.07	1.07	0.11	0.15	1.03	0.19
1150	4	1314	14.25	1.88	-5.72	-5.18	1.33	1.96	-1.07	-2.27	-1.10	-2.25	0.17
		1315	12.94	2.49	-4.82	-3.73	1.39	2.61	-0.87	-2.05	-0.91	-2.01	0.19
		1334	9.01	1.14	-4.30	-4.10	0.94	1.02	-0.42	-1.35	-0.61	-1.16	0.37
		1333	10.19	0.98	-5.46	-5.36	0.88	0.79	-0.66	-1.56	-0.78	-1.44	0.31
1151	1	1315	41.11	1.64	-11.60	-11.39	1.42	1.69	6.15	1.11	1.35	5.91	1.07
		1316	37.36	2.75	-9.04	-8.31	2.02	2.85	5.41	0.83	1.20	5.04	1.24
		1335	23.53	1.02	-6.29	-6.29	1.02	0.10	3.64	0.72	0.88	3.48	0.67
		1334	26.55	0.60	-8.21	-8.17	0.56	-0.58	4.17	0.90	1.00	4.06	0.57
1151	2	1315	34.84	6.01	-12.37	-9.73	3.38	6.44	-2.37	-5.65	-2.47	-5.55	0.57
		1316	30.68	8.31	-9.66	-4.78	3.44	7.99	-1.71	-4.90	-1.81	-4.79	0.56
		1335	19.96	3.28	-7.05	-6.25	2.47	2.77	-0.34	-2.83	-1.01	-2.16	1.11
		1334	23.51	2.80	-10.86	-10.43	2.37	2.38	-1.07	-3.58	-1.60	-3.06	1.02
1151	3	1315	12.26	1.08	-4.50	-4.23	0.81	1.20	1.48	0.13	0.22	1.39	0.35
		1316	11.47	1.69	-3.54	-2.89	1.03	1.73	1.33	0.09	0.23	1.19	0.40
		1335	7.43	0.66	-2.52	-2.46	0.59	0.44	0.95	0.08	0.18	0.85	0.27
		1334	8.10	0.42	-3.42	-3.42	0.42	0.15	1.01	0.09	0.16	0.95	0.24
1151	4	1315	12.93	2.48	-4.83	-3.74	1.39	2.61	-0.87	-2.05	-0.91	-2.01	0.20
		1316	11.49	3.45	-3.84	-1.84	1.45	3.25	-0.62	-1.76	-0.66	-1.73	0.20
		1335	7.69	1.42	-2.84	-2.44	1.02	1.23	-0.14	-1.06	-0.38	-0.82	0.40
		1334	9.01	1.16	-4.29	-4.09	0.95	1.03	-0.42	-1.35	-0.61	-1.16	0.37
1152	1	1316	37.36	2.75	-9.03	-8.30	2.02	2.85	5.40	0.83	1.19	5.04	1.24
		1317	33.52	4.25	-6.56	-4.75	2.44	4.03	4.57	0.51	1.03	4.05	1.36
		1336	20.38	1.56	-4.20	-4.05	1.40	0.93	3.07	0.52	0.75	2.84	0.73
		1335	23.52	1.03	-6.28	-6.28	1.03	0.11	3.64	0.72	0.88	3.48	0.67
1152	2	1316	30.61	8.28	-9.68	-4.82	3.42	7.98	-1.70	-4.90	-1.81	-4.79	0.58
		1317	28.30	11.93	-7.11	1.39	3.42	9.46	-0.94	-4.02	-1.02	-3.94	0.50
		1336	16.90	4.31	-2.71	-0.98	2.58	3.02	0.46	-1.86	-0.29	-1.11	1.08
		1335	19.99	3.33	-7.02	-6.19	2.51	2.80	-0.34	-2.83	-1.02	-2.16	1.11
1152	3	1316	11.48	1.68	-3.54	-2.89	1.03	1.73	1.33	0.09	0.23	1.18	0.40
		1317	10.84	2.55	-2.64	-1.31	1.22	2.27	1.16	0.05	0.25	0.96	0.43
		1336	6.83	1.02	-1.56	-1.29	0.76	0.78	0.87	0.07	0.20	0.74	0.29
		1335	7.43	0.66	-2.51	-2.45	0.60	0.45	0.95	0.08	0.18	0.85	0.27
1152	4	1316	11.46	3.44	-3.85	-1.86	1.45	3.25	-0.62	-1.76	-0.66	-1.73	0.20
		1317	10.60	4.92	-2.90	0.52	1.51	3.88	-0.33	-1.44	-0.36	-1.41	0.17
		1336	6.64	1.95	-1.23	-0.38	1.11	1.40	0.16	-0.69	-0.11	-0.42	0.39
		1335	7.70	1.44	-2.82	-2.42	1.04	1.24	-0.15	-1.06	-0.39	-0.82	0.40
1153	1	1317	33.49	4.24	-6.55	-4.74	2.44	4.03	4.56	0.50	1.02	4.04	1.36
		1318	30.17	6.33	-4.54	-0.92	2.71	5.12	3.69	0.16	0.87	2.98	1.41
		1337	17.64	2.54	-2.38	-1.56	1.72	1.84	2.48	0.32	0.63	2.17	0.76
		1336	20.40	1.58	-4.19	-4.03	1.42	0.95	3.07	0.53	0.76	2.84	0.73
1153	2	1317	28.37	11.87	-7.13	1.34	3.39	9.44	-0.91	-4.02	-1.00	-3.93	0.51
		1318	30.38	17.31	-5.08	8.92	3.32	10.84	-0.07	-3.11	-0.11	-3.06	0.35



		1337	16.85	7.39	0.63	5.41	2.61	3.07	1.27	-0.66	0.58	0.03	0.92
		1336	16.97	4.42	-2.69	-0.91	2.64	3.08	0.44	-1.87	-0.31	-1.11	1.08
1153	3	1317	10.83	2.55	-2.64	-1.31	1.21	2.27	1.16	0.04	0.25	0.95	0.43
		1318	10.56	3.74	-1.92	0.46	1.37	2.79	0.97	1.22e-03	0.27	0.71	0.43
		1337	6.48	1.70	-0.75	0.03	0.92	1.15	0.78	0.09	0.23	0.64	0.28
		1336	6.86	1.04	-1.55	-1.28	0.77	0.79	0.87	0.08	0.20	0.75	0.29
1153	4	1317	10.62	4.90	-2.91	0.50	1.50	3.87	-0.32	-1.44	-0.35	-1.41	0.18
		1318	11.51	7.03	-2.12	3.37	1.55	4.48	-8.19e-03	-1.10	-0.02	-1.09	0.12
		1337	6.76	3.22	0.06	2.10	1.18	1.51	0.46	-0.24	0.22	4.36e-03	0.33
		1336	6.67	1.99	-1.22	-0.36	1.13	1.42	0.15	-0.69	-0.12	-0.42	0.39
1154	1	1318	30.05	6.33	-4.52	-0.91	2.71	5.12	3.67	0.15	0.85	2.97	1.41
		1319	27.83	8.95	-3.14	2.99	2.81	6.04	2.83	-0.20	0.71	1.91	1.39
		1338	15.85	4.27	-1.27	1.05	1.96	2.73	1.92	0.12	0.52	1.52	0.75
		1337	17.75	2.59	-2.38	-1.53	1.74	1.87	2.49	0.33	0.65	2.17	0.77
1154	2	1318	30.48	17.20	-5.10	8.86	3.24	10.79	-5.38e-03	-3.10	-0.05	-3.06	0.35
		1319	36.89	24.63	-3.69	17.79	3.16	12.12	0.83	-2.21	0.82	-2.21	0.16
		1338	22.73	13.85	1.70	13.11	2.44	2.90	1.98	0.67	1.58	1.07	0.60
		1337	16.71	7.59	0.67	5.51	2.75	3.17	1.20	-0.68	0.48	0.03	0.91
1154	3	1318	10.50	3.73	-1.91	0.45	1.36	2.78	0.97	2.87e-03	0.27	0.70	0.43
		1319	10.80	5.19	-1.38	2.33	1.48	3.26	0.80	-0.05	0.30	0.45	0.42
		1338	6.51	2.80	-0.25	1.49	1.06	1.51	0.69	0.12	0.28	0.53	0.26
		1337	6.56	1.75	-0.76	0.05	0.94	1.17	0.79	0.08	0.23	0.64	0.29
1154	4	1318	11.54	6.99	-2.12	3.35	1.52	4.46	0.02	-1.09	3.80e-03	-1.08	0.12
		1319	14.05	9.82	-1.52	6.71	1.58	5.06	0.33	-0.77	0.33	-0.77	0.05
		1338	8.98	5.61	0.65	5.06	1.20	1.56	0.73	0.26	0.60	0.40	0.21
		1337	6.73	3.31	0.07	2.14	1.24	1.56	0.43	-0.25	0.18	5.53e-03	0.33
1155	1	1319	27.44	8.96	-3.08	3.02	2.85	6.02	2.75	-0.24	0.66	1.85	1.37
		1320	26.87	11.64	-2.35	6.69	2.60	6.69	2.08	-0.56	0.57	0.95	1.31
		1339	15.35	6.49	-0.82	3.69	1.98	3.55	1.43	-0.10	0.44	0.90	0.73
		1338	16.27	4.37	-1.31	1.05	2.01	2.80	1.98	0.14	0.56	1.56	0.77
1155	2	1319	37.06	24.43	-3.73	17.81	2.89	11.94	0.91	-2.23	0.90	-2.23	0.12
		1320	46.13	33.16	-2.68	27.10	3.39	13.44	1.90	-0.84	1.89	-0.84	0.08
		1339	35.70	23.23	0.91	22.78	1.35	3.12	2.61	1.13	2.59	1.16	0.20
		1338	21.46	14.13	2.06	13.29	2.90	3.07	1.77	0.55	1.25	1.06	0.60
1155	3	1319	10.62	5.16	-1.36	2.34	1.47	3.23	0.77	-0.05	0.29	0.43	0.41
		1320	11.68	6.71	-1.02	4.15	1.54	3.64	0.69	-0.09	0.34	0.26	0.39
		1339	7.08	4.21	-0.04	3.08	1.09	1.88	0.56	0.12	0.34	0.34	0.22
		1338	6.67	2.88	-0.25	1.51	1.12	1.56	0.70	0.11	0.27	0.54	0.26
1155	4	1319	14.07	9.73	-1.53	6.72	1.48	4.98	0.36	-0.78	0.36	-0.77	0.04
		1320	17.65	13.03	-1.05	10.20	1.78	5.64	0.73	-0.27	0.73	-0.27	0.03
		1339	13.70	9.11	0.53	8.73	0.91	1.75	0.98	0.41	0.97	0.42	0.06
		1338	8.55	5.75	0.77	5.13	1.39	1.64	0.65	0.21	0.47	0.39	0.21
1156	1	1320	26.56	12.13	-2.27	7.12	2.73	6.86	1.88	-0.74	0.31	0.83	1.28
		243	28.92	13.30	-2.38	8.82	2.11	7.09	2.08	-0.56	1.06	0.47	1.29
		193	17.29	10.44	-1.61	7.87	0.97	4.94	0.79	-0.36	0.44	-9.82e-03	0.53
		1339	15.93	5.99	-0.80	3.25	1.94	3.33	1.59	-0.13	0.45	1.00	0.81
1156	2	1320	43.20	33.76	-2.67	27.52	3.56	13.72	1.11	-0.73	1.08	-0.70	0.24
		243	68.16	35.23	-2.12	28.21	4.91	14.60	8.14	3.67	7.93	3.88	-0.94
		193	69.06	42.48	-5.07	40.18	-2.77	10.21	4.06	-0.67	4.02	-0.63	-0.43
		1339	30.92	24.04	1.75	23.72	2.08	2.68	1.40	0.04	1.21	0.23	0.46
1156	3	1320	11.50	6.90	-0.99	4.31	1.60	3.70	0.60	-0.18	0.20	0.23	0.39
		243	13.41	7.44	-1.02	4.81	1.61	3.91	1.09	0.34	0.93	0.50	0.30
		193	10.53	7.06	-0.74	5.72	0.61	2.95	0.47	-0.12	0.45	-0.10	0.12
		1339	7.01	4.12	0.05	3.02	1.15	1.81	0.53	1.00e-03	0.23	0.30	0.26
1156	4	1320	16.64	13.25	-1.04	10.36	1.85	5.74	0.43	-0.23	0.42	-0.22	0.08
		243	25.67	13.86	-0.86	10.56	2.44	6.14	3.05	1.42	2.97	1.51	-0.36
		193	26.21	16.49	-1.69	15.29	-0.50	4.51	1.52	-0.29	1.51	-0.28	-0.16
		1339	11.93	9.40	0.88	9.08	1.19	1.61	0.51	0.02	0.45	0.07	0.16
1157	1	95	16.49	10.15	-1.72	7.58	0.85	-4.89	0.70	-0.42	0.23	0.05	-0.55
		1321	17.59	7.54	-2.94	2.68	1.91	-5.23	1.30	-0.18	0.45	0.68	-0.73
		1340	8.06	4.11	-1.19	1.88	1.04	-2.61	0.59	-0.12	0.01	0.46	-0.27
		133	8.21	4.86	-1.34	1.98	1.55	-3.09	0.43	-0.06	0.30	0.07	-0.21
1157	2	95	67.50	43.03	-7.29	39.77	-4.02	-12.40	4.77	1.50	4.70	1.57	0.47
		1321	45.23	36.77	-11.11	23.89	1.77	-21.23	2.05	1.30	1.81	1.54	0.35
		1340	27.69	23.65	-3.09	18.46	2.10	-10.57	-0.37	-1.27	-0.40	-1.25	-0.15
		133	40.96	23.04	-0.53	17.60	4.91	-9.93	4.69	1.00	4.51	1.19	0.81
1157	3	95	10.21	7.03	-1.06	5.56	0.41	-3.12	0.52	0.16	0.46	0.22	-0.13
		1321	9.51	5.98	-1.99	2.86	1.12	-3.89	0.49	0.13	0.29	0.32	-0.18
		1340	5.14	3.96	-0.76	2.46	0.75	-2.20	0.15	-0.03	0.02	0.10	-0.08
		133	6.14	4.38	-0.64	2.46	1.27	-2.44	0.45	0.06	0.45	0.06	9.13e-03
1157	4	95	25.61	16.71	-2.64	15.10	-1.03	-5.34	1.81	0.64	1.79	0.66	0.17
		1321	17.87	14.64	-4.41	9.15	1.08	-8.63	0.79	0.48	0.70	0.58	0.14
		1340	11.24	9.76	-1.33	7.37	1.06	-4.56	-0.10	-0.41	-0.10	-0.41	-0.04
		133	16.10	9.75	-0.39	7.09	2.27	-4.46	1.76	0.32	1.69	0.39	0.31
1158	1	1321	17.17	7.42	-2.30	3.17	1.95	-4.82	1.34	-0.22	0.34	0.78	-0.74
		1322	17.56	5.08	-2.68	0.58	1.82	-3.83	1.95	0.12	0.57	1.50	-0.78
		1341	8.48	1.89	-1.41	-0.22	0.69	-1.59	1.08	0.15	0.31	0.93	-0.35



		1340	8.38	3.95	-1.54	1.53	0.88	-2.72	0.62	-8.56e-03	0.20	0.41	-0.30
1158	2	1321	47.21	34.23	-9.80	22.74	1.69	-19.34	2.81	2.03	2.79	2.06	0.14
		1322	42.85	27.09	-11.19	13.27	2.63	-18.39	2.13	0.84	1.40	1.58	-0.64
		1341	37.02	18.20	-5.41	11.95	0.84	-10.42	0.11	-3.17	-0.31	-2.75	-1.09
		1340	32.19	23.96	-3.83	18.38	1.75	-11.13	0.06	-1.60	2.59e-03	-1.55	-0.30
1158	3	1321	9.30	5.71	-1.67	2.91	1.13	-3.58	0.56	0.17	0.33	0.40	-0.19
		1322	9.08	4.32	-1.92	1.37	1.03	-3.12	0.73	0.12	0.28	0.57	-0.27
		1341	5.03	2.53	-0.93	1.19	0.41	-1.69	0.26	-0.10	0.08	0.08	-0.18
		1340	5.63	3.94	-0.93	2.36	0.66	-2.28	0.17	-0.05	0.08	0.04	-0.11
1158	4	1321	18.46	13.64	-3.88	8.71	1.06	-7.88	1.07	0.76	1.06	0.77	0.07
		1322	16.83	10.88	-4.47	5.13	1.27	-7.43	0.79	0.33	0.53	0.59	-0.23
		1341	14.42	7.44	-2.20	4.79	0.46	-4.30	0.05	-1.16	-0.10	-1.01	-0.40
		1340	12.90	9.89	-1.62	7.35	0.91	-4.77	0.04	-0.56	0.02	-0.54	-0.11
1159	1	1322	17.48	5.02	-2.60	0.57	1.85	-3.75	1.91	0.04	0.48	1.47	-0.79
		1323	18.33	2.92	-3.34	-1.93	1.51	-2.62	2.44	0.31	0.63	2.11	-0.77
		1342	10.23	0.63	-2.03	-1.90	0.49	-0.58	1.60	0.33	0.43	1.49	-0.35
		1341	8.48	1.86	-1.45	-0.25	0.66	-1.59	1.11	0.21	0.36	0.96	-0.34
1159	2	1322	42.73	26.65	-10.96	13.09	2.61	-18.06	2.23	0.98	1.69	1.52	-0.62
		1323	38.78	19.98	-11.87	5.46	2.66	-15.86	1.43	-0.63	0.54	0.26	-1.02
		1342	35.39	12.51	-6.34	5.39	0.77	-9.13	0.07	-3.60	-0.62	-2.92	-1.43
		1341	36.08	18.17	-5.35	11.91	0.91	-10.40	0.04	-3.06	-0.39	-2.63	-1.07
1159	3	1322	8.96	4.25	-1.86	1.35	1.05	-3.05	0.72	0.12	0.28	0.55	-0.27
		1323	8.39	2.86	-2.08	-0.07	0.86	-2.43	0.80	0.08	0.23	0.64	-0.29
		1342	4.41	1.31	-1.03	-0.01	0.30	-1.16	0.37	-0.07	0.09	0.22	-0.21
		1341	4.97	2.52	-0.95	1.16	0.41	-1.69	0.27	-0.08	0.09	0.10	-0.17
1159	4	1322	16.76	10.70	-4.37	5.06	1.27	-7.29	0.82	0.38	0.64	0.56	-0.22
		1323	15.09	8.03	-4.71	2.12	1.20	-6.35	0.52	-0.22	0.20	0.09	-0.37
		1342	13.58	5.06	-2.53	2.15	0.38	-3.69	0.02	-1.34	-0.23	-1.09	-0.53
		1341	14.04	7.43	-2.18	4.76	0.48	-4.30	0.02	-1.12	-0.13	-0.96	-0.39
1160	1	1323	18.41	2.90	-3.33	-1.95	1.52	-2.59	2.44	0.27	0.60	2.11	-0.78
		1324	20.43	1.51	-4.74	-4.32	1.09	-1.56	3.00	0.50	0.74	2.76	-0.74
		1343	12.55	0.28	-3.30	-3.28	0.27	0.22	2.05	0.46	0.54	1.98	-0.33
		1342	10.18	0.62	-2.03	-1.90	0.48	-0.58	1.60	0.35	0.46	1.50	-0.35
1160	2	1323	38.48	19.86	-11.78	5.38	2.70	-15.76	1.46	-0.57	0.64	0.25	-1.00
		1324	35.59	14.35	-12.68	-0.95	2.61	-13.40	0.57	-1.90	-0.29	-1.03	-1.18
		1343	33.18	7.95	-7.58	-0.34	0.70	-7.75	-0.13	-3.84	-0.94	-3.03	-1.54
		1342	35.34	12.51	-6.34	5.41	0.76	-9.14	0.03	-3.61	-0.67	-2.91	-1.44
1160	3	1323	8.37	2.84	-2.06	-0.08	0.87	-2.40	0.79	0.08	0.23	0.64	-0.29
		1324	8.08	1.73	-2.43	-1.37	0.66	-1.82	0.86	0.06	0.19	0.73	-0.30
		1343	4.29	0.52	-1.37	-1.04	0.19	-0.72	0.46	-0.04	0.08	0.34	-0.21
		1342	4.39	1.31	-1.03	-0.02	0.29	-1.16	0.37	-0.06	0.09	0.22	-0.21
1160	4	1323	14.97	7.97	-4.67	2.09	1.21	-6.31	0.53	-0.20	0.24	0.09	-0.36
		1324	13.71	5.75	-5.00	-0.37	1.12	-5.32	0.20	-0.70	-0.11	-0.40	-0.43
		1343	12.63	3.17	-3.02	-0.17	0.32	-3.08	-0.06	-1.44	-0.35	-1.14	-0.57
		1342	13.55	5.06	-2.54	2.15	0.37	-3.70	0.01	-1.34	-0.24	-1.08	-0.53
1161	1	1324	20.48	1.50	-4.75	-4.34	1.09	-1.55	3.00	0.49	0.73	2.76	-0.74
		1325	23.11	0.65	-6.53	-6.46	0.58	-0.72	3.56	0.69	0.86	3.39	-0.67
		1344	14.83	0.14	-4.50	-4.37	0.02	0.76	2.45	0.58	0.63	2.40	-0.30
		1343	12.52	0.28	-3.29	-3.28	0.27	0.22	2.05	0.47	0.55	1.98	-0.33
1161	2	1324	35.34	14.28	-12.67	-1.01	2.63	-13.35	0.57	-1.87	-0.27	-1.03	-1.16
		1325	33.48	9.97	-13.68	-6.22	2.50	-10.99	-0.28	-2.94	-1.03	-2.19	-1.19
		1344	30.92	4.72	-9.26	-5.16	0.62	-6.36	-0.37	-3.91	-1.18	-3.09	-1.49
		1343	33.41	7.96	-7.58	-0.31	0.69	-7.76	-0.11	-3.86	-0.95	-3.03	-1.56
1161	3	1324	8.07	1.72	-2.43	-1.38	0.67	-1.81	0.86	0.06	0.19	0.73	-0.30
		1325	8.11	0.95	-2.99	-2.50	0.46	-1.30	0.92	0.07	0.17	0.82	-0.28
		1344	4.58	0.16	-1.95	-1.88	0.09	-0.39	0.53	-6.07e-03	0.08	0.45	-0.20
		1343	4.30	0.52	-1.37	-1.04	0.19	-0.72	0.46	-0.04	0.09	0.34	-0.21
1161	4	1324	13.61	5.72	-4.99	-0.39	1.12	-5.30	0.20	-0.70	-0.10	-0.40	-0.42
		1325	12.80	3.97	-5.37	-2.43	1.03	-4.34	-0.13	-1.10	-0.39	-0.83	-0.43
		1344	11.77	1.84	-3.69	-2.11	0.27	-2.50	-0.16	-1.48	-0.45	-1.18	-0.55
		1343	12.71	3.17	-3.02	-0.16	0.31	-3.09	-0.05	-1.45	-0.36	-1.14	-0.58
1162	1	1325	23.14	0.65	-6.55	-6.48	0.58	-0.72	3.56	0.69	0.85	3.39	-0.67
		1326	25.78	0.01	-8.25	-8.24	8.65e-03	-0.15	4.06	0.86	0.97	3.95	-0.57
		1345	16.80	-0.06	-5.38	-5.18	-0.25	1.00	2.79	0.68	0.71	2.76	-0.26
		1344	14.82	0.14	-4.49	-4.36	0.02	0.76	2.45	0.58	0.64	2.40	-0.31
1162	2	1325	33.33	9.93	-13.70	-6.28	2.50	-10.97	-0.29	-2.92	-1.02	-2.20	-1.18
		1326	32.28	6.74	-14.82	-10.45	2.37	-8.66	-1.07	-3.74	-1.63	-3.18	-1.09
		1345	28.62	2.68	-11.21	-9.07	0.54	-5.02	-0.65	-3.83	-1.37	-3.11	-1.33
		1344	31.16	4.73	-9.24	-5.13	0.62	-6.37	-0.34	-3.93	-1.19	-3.09	-1.52
1162	3	1325	8.11	0.95	-3.00	-2.51	0.46	-1.29	0.92	0.06	0.17	0.82	-0.28
		1326	8.35	0.45	-3.64	-3.44	0.25	-0.88	0.98	0.08	0.15	0.91	-0.24
		1345	5.03	-8.38e-04	-2.55	-2.54	-0.01	-0.17	0.60	0.03	0.09	0.53	-0.18
		1344	4.58	0.16	-1.95	-1.88	0.09	-0.39	0.54	-6.12e-03	0.08	0.45	-0.20
1162	4	1325	12.74	3.96	-5.38	-2.45	1.03	-4.33	-0.13	-1.09	-0.39	-0.83	-0.43
		1326	12.31	2.67	-5.81	-4.09	0.95	-3.40	-0.42	-1.41	-0.62	-1.21	-0.40
		1345	10.97	1.03	-4.50	-3.69	0.22	-1.95	-0.27	-1.46	-0.53	-1.20	-0.49
		1344	11.85	1.85	-3.69	-2.10	0.27	-2.50	-0.15	-1.49	-0.45	-1.18	-0.56



1163	1	1326	25.80	4.70e-03	-8.26	-8.26	2.04e-03	-0.15	4.06	0.86	0.97	3.95	-0.57
		1327	28.04	-0.56	-9.63	-9.63	-0.56	0.11	4.47	1.01	1.07	4.41	-0.45
		1346	18.33	-0.35	-5.92	-5.75	-0.51	0.94	3.06	0.76	0.78	3.05	-0.21
		1345	16.79	-0.06	-5.37	-5.18	-0.25	1.00	2.79	0.68	0.72	2.76	-0.26
1163	2	1326	32.19	6.72	-14.85	-10.49	2.36	-8.66	-1.08	-3.73	-1.63	-3.18	-1.07
		1327	31.70	4.50	-15.95	-13.69	2.24	-6.42	-1.74	-4.32	-2.10	-3.96	-0.89
		1346	26.45	1.48	-13.11	-12.10	0.46	-3.71	-0.97	-3.64	-1.50	-3.11	-1.07
		1345	28.84	2.69	-11.19	-9.05	0.54	-5.02	-0.63	-3.85	-1.37	-3.11	-1.35
1163	3	1326	8.35	0.45	-3.65	-3.45	0.25	-0.88	0.98	0.08	0.15	0.91	-0.24
		1327	8.66	0.13	-4.24	-4.16	0.05	-0.58	1.02	0.10	0.14	0.98	-0.19
		1346	5.48	-0.10	-3.03	-3.03	-0.10	-0.06	0.64	0.05	0.09	0.61	-0.14
		1345	5.03	-1.28e-03	-2.55	-2.54	-0.01	-0.17	0.60	0.02	0.09	0.54	-0.18
1163	4	1326	12.28	2.66	-5.82	-4.11	0.95	-3.40	-0.42	-1.40	-0.62	-1.21	-0.39
		1327	12.11	1.77	-6.25	-5.37	0.88	-2.51	-0.67	-1.63	-0.80	-1.50	-0.33
		1346	10.26	0.56	-5.29	-4.91	0.18	-1.43	-0.40	-1.41	-0.59	-1.22	-0.40
		1345	11.04	1.03	-4.49	-3.68	0.22	-1.95	-0.26	-1.47	-0.53	-1.20	-0.50
1164	1	1327	28.04	-0.57	-9.63	-9.63	-0.57	0.11	4.47	1.01	1.07	4.42	-0.44
		1328	29.68	-1.04	-10.59	-10.59	-1.04	0.06	4.78	1.11	1.14	4.75	-0.31
		1347	19.42	-0.65	-6.20	-6.13	-0.72	0.60	3.26	0.82	0.83	3.25	-0.14
		1346	18.32	-0.35	-5.91	-5.75	-0.51	0.93	3.06	0.76	0.78	3.05	-0.21
1164	2	1327	31.64	4.49	-15.98	-13.72	2.23	-6.42	-1.75	-4.32	-2.10	-3.96	-0.88
		1328	31.47	3.07	-16.92	-15.98	2.13	-4.23	-2.26	-4.71	-2.44	-4.53	-0.63
		1347	24.64	0.80	-14.64	-14.24	0.40	-2.45	-1.29	-3.41	-1.59	-3.10	-0.74
		1346	26.63	1.48	-13.09	-12.08	0.46	-3.71	-0.95	-3.66	-1.50	-3.11	-1.10
1164	3	1327	8.65	0.13	-4.25	-4.17	0.05	-0.58	1.02	0.10	0.14	0.98	-0.19
		1328	8.93	-0.08	-4.71	-4.68	-0.11	-0.38	1.05	0.11	0.13	1.03	-0.13
		1347	5.84	-0.17	-3.38	-3.37	-0.18	-0.04	0.68	0.08	0.09	0.66	-0.10
		1346	5.48	-0.10	-3.03	-3.03	-0.10	-0.06	0.64	0.05	0.09	0.61	-0.14
1164	4	1327	12.09	1.76	-6.26	-5.38	0.88	-2.51	-0.68	-1.63	-0.80	-1.51	-0.32
		1328	12.06	1.20	-6.64	-6.27	0.83	-1.65	-0.86	-1.78	-0.93	-1.72	-0.23
		1347	9.70	0.30	-5.92	-5.78	0.16	-0.94	-0.52	-1.33	-0.62	-1.22	-0.28
		1346	10.32	0.56	-5.28	-4.91	0.19	-1.43	-0.39	-1.42	-0.59	-1.22	-0.41
1165	1	1328	29.68	-1.05	-10.60	-10.60	-1.05	0.05	4.78	1.11	1.14	4.75	-0.30
		1329	30.72	-1.32	-11.18	-11.18	-1.32	-0.23	4.96	1.17	1.18	4.95	-0.16
		1348	20.09	-0.84	-6.37	-6.37	-0.84	0.06	3.38	0.85	0.86	3.38	-0.07
		1347	19.41	-0.66	-6.19	-6.13	-0.72	0.59	3.26	0.82	0.83	3.25	-0.15
1165	2	1328	31.44	3.06	-16.94	-16.00	2.12	-4.24	-2.26	-4.70	-2.44	-4.53	-0.62
		1329	32.08	2.28	-17.57	-17.34	2.05	-2.10	-2.59	-4.92	-2.63	-4.87	-0.33
		1348	23.44	0.46	-15.62	-15.52	0.36	-1.21	-1.55	-3.19	-1.64	-3.10	-0.37
		1347	24.77	0.80	-14.63	-14.23	0.40	-2.45	-1.27	-3.43	-1.59	-3.10	-0.77
1165	3	1328	8.92	-0.08	-4.71	-4.68	-0.11	-0.38	1.05	0.11	0.13	1.03	-0.13
		1329	9.12	-0.19	-5.00	-4.98	-0.20	-0.26	1.07	0.12	0.13	1.06	-0.07
		1348	6.07	-0.21	-3.58	-3.58	-0.22	-0.09	0.69	0.09	0.09	0.69	-0.05
		1347	5.84	-0.18	-3.37	-3.37	-0.18	-0.04	0.68	0.07	0.09	0.66	-0.10
1165	4	1328	12.05	1.19	-6.65	-6.28	0.83	-1.65	-0.87	-1.78	-0.93	-1.72	-0.23
		1329	12.31	0.88	-6.90	-6.81	0.79	-0.82	-0.99	-1.87	-1.00	-1.85	-0.12
		1348	9.34	0.17	-6.33	-6.29	0.14	-0.47	-0.61	-1.26	-0.65	-1.23	-0.14
		1347	9.75	0.30	-5.92	-5.77	0.16	-0.94	-0.51	-1.34	-0.62	-1.22	-0.29
1166	1	1329	30.72	-1.32	-11.18	-11.18	-1.32	-0.24	4.96	1.17	1.18	4.95	-0.16
		1330	31.22	-1.28	-11.43	-11.40	-1.31	-0.60	5.03	1.20	1.20	5.03	-4.57e-03
		1349	20.38	-0.78	-6.55	-6.50	-0.83	-0.54	3.42	0.86	0.86	3.42	6.84e-04
		1348	20.09	-0.84	-6.37	-6.37	-0.84	0.05	3.38	0.85	0.86	3.38	-0.08
1166	2	1329	32.08	2.28	-17.58	-17.35	2.05	-2.11	-2.59	-4.92	-2.63	-4.87	-0.32
		1330	32.77	2.03	-17.80	-17.80	2.03	2.98e-03	-2.70	-4.98	-2.70	-4.98	-5.20e-03
		1349	23.04	0.35	-15.95	-15.95	0.35	2.78e-04	-1.66	-3.09	-1.66	-3.09	0.01
		1348	23.51	0.46	-15.61	-15.52	0.36	-1.21	-1.54	-3.20	-1.64	-3.09	-0.40
1166	3	1329	9.12	-0.19	-5.00	-4.98	-0.21	-0.27	1.07	0.12	0.13	1.06	-0.07
		1330	9.21	-0.20	-5.10	-5.09	-0.21	-0.18	1.07	0.13	0.13	1.07	-1.79e-03
		1349	6.16	-0.21	-3.67	-3.67	-0.22	-0.16	0.70	0.09	0.09	0.70	9.31e-04
		1348	6.07	-0.21	-3.58	-3.58	-0.22	-0.09	0.70	0.09	0.09	0.69	-0.05
1166	4	1329	12.31	0.88	-6.90	-6.81	0.79	-0.82	-0.99	-1.87	-1.00	-1.85	-0.12
		1330	12.58	0.78	-6.99	-6.99	0.78	1.09e-03	-1.03	-1.89	-1.03	-1.89	-1.98e-03
		1349	9.23	0.13	-6.47	-6.47	0.13	2.14e-04	-0.65	-1.23	-0.65	-1.23	4.82e-03
		1348	9.37	0.17	-6.33	-6.29	0.14	-0.47	-0.61	-1.26	-0.65	-1.23	-0.15
1167	1	1330	31.22	-1.27	-11.44	-11.40	-1.31	-0.62	5.03	1.20	1.20	5.03	-3.88e-03
		1331	31.13	-0.95	-11.32	-11.25	-1.02	-0.87	4.98	1.18	1.18	4.98	0.15
		1350	20.28	-0.52	-6.71	-6.52	-0.71	-1.07	3.37	0.85	0.85	3.37	0.08
		1349	20.39	-0.78	-6.56	-6.50	-0.83	-0.55	3.42	0.86	0.86	3.42	-1.66e-03
1167	2	1330	32.77	2.03	-17.80	-17.80	2.03	-2.98e-03	-2.70	-4.98	-2.70	-4.98	5.20e-03
		1331	32.08	2.28	-17.58	-17.35	2.05	2.11	-2.59	-4.92	-2.63	-4.87	0.32
		1350	23.51	0.46	-15.61	-15.52	0.36	1.21	-1.54	-3.20	-1.64	-3.09	0.40
		1349	23.04	0.35	-15.95	-15.95	0.35	-2.77e-04	-1.66	-3.09	-1.66	-3.09	-0.01
1167	3	1330	9.21	-0.20	-5.10	-5.09	-0.21	-0.18	1.07	0.13	0.13	1.07	-7.10e-04
		1331	9.19	-0.12	-5.01	-5.00	-0.12	-0.06	1.07	0.12	0.13	1.07	0.07
		1350	6.10	-0.17	-3.64	-3.62	-0.18	-0.21	0.69	0.09	0.09	0.69	0.05
		1349	6.16	-0.21	-3.67	-3.67	-0.22	-0.16	0.70	0.09	0.09	0.70	-1.22e-03
1167	4	1330	12.58	0.78	-6.99	-6.99	0.78	-1.08e-03	-1.03	-1.89	-1.03	-1.89	1.98e-03



		1331	12.31	0.88	-6.90	-6.81	0.79	0.82	-0.99	-1.87	-1.00	-1.85	0.12
		1350	9.37	0.17	-6.33	-6.29	0.14	0.47	-0.61	-1.26	-0.65	-1.23	0.15
		1349	9.23	0.13	-6.47	-6.47	0.13	-2.14e-04	-0.65	-1.23	-0.65	-1.23	-4.82e-03
1168	1	1331	31.14	-0.93	-11.33	-11.25	-1.01	-0.88	4.98	1.18	1.18	4.98	0.15
		1332	30.32	-0.45	-10.77	-10.69	-0.53	-0.89	4.81	1.11	1.14	4.78	0.31
		1351	19.71	-0.18	-6.70	-6.38	-0.50	-1.40	3.25	0.81	0.82	3.24	0.15
		1350	20.29	-0.51	-6.72	-6.52	-0.71	-1.08	3.37	0.85	0.85	3.37	0.07
1168	2	1331	32.08	2.28	-17.57	-17.34	2.05	2.10	-2.59	-4.92	-2.63	-4.87	0.33
		1332	31.44	3.06	-16.94	-16.00	2.12	4.24	-2.26	-4.70	-2.44	-4.53	0.62
		1351	24.77	0.80	-14.63	-14.23	0.40	2.45	-1.27	-3.43	-1.59	-3.10	0.77
		1350	23.44	0.46	-15.62	-15.52	0.36	1.21	-1.55	-3.19	-1.64	-3.10	0.37
1168	3	1331	9.19	-0.11	-5.01	-5.00	-0.11	-0.07	1.07	0.12	0.13	1.07	0.07
		1332	9.05	0.05	-4.71	-4.71	0.04	0.13	1.06	0.11	0.13	1.04	0.13
		1351	5.88	-0.10	-3.46	-3.45	-0.11	-0.20	0.67	0.07	0.09	0.65	0.10
		1350	6.10	-0.16	-3.64	-3.63	-0.18	-0.22	0.69	0.09	0.09	0.69	0.05
1168	4	1331	12.31	0.88	-6.90	-6.81	0.79	0.82	-0.99	-1.87	-1.00	-1.85	0.12
		1332	12.05	1.19	-6.65	-6.28	0.83	1.65	-0.87	-1.78	-0.93	-1.72	0.23
		1351	9.75	0.30	-5.92	-5.77	0.16	0.94	-0.51	-1.34	-0.62	-1.22	0.29
		1350	9.34	0.17	-6.33	-6.29	0.14	0.47	-0.61	-1.26	-0.65	-1.23	0.14
1169	1	1332	30.32	-0.44	-10.77	-10.69	-0.52	-0.89	4.81	1.11	1.14	4.78	0.31
		1333	28.71	0.07	-9.72	-9.68	0.03	-0.59	4.50	1.01	1.07	4.44	0.45
		1352	18.63	0.10	-6.38	-6.04	-0.25	-1.46	3.04	0.75	0.77	3.02	0.21
		1351	19.73	-0.18	-6.71	-6.39	-0.50	-1.41	3.25	0.81	0.82	3.24	0.14
1169	2	1332	31.47	3.07	-16.92	-15.98	2.13	4.23	-2.26	-4.71	-2.44	-4.53	0.63
		1333	31.64	4.49	-15.98	-13.72	2.23	6.42	-1.75	-4.32	-2.10	-3.96	0.88
		1352	26.63	1.48	-13.09	-12.08	0.46	3.71	-0.95	-3.66	-1.50	-3.11	1.10
		1351	24.64	0.80	-14.64	-14.24	0.40	2.45	-1.29	-3.41	-1.59	-3.10	0.74
1169	3	1332	9.05	0.05	-4.71	-4.70	0.04	0.13	1.06	0.11	0.13	1.04	0.13
		1333	8.79	0.27	-4.23	-4.18	0.23	0.44	1.03	0.10	0.14	0.99	0.19
		1352	5.53	-0.02	-3.12	-3.12	-0.03	-0.10	0.64	0.05	0.09	0.60	0.14
		1351	5.88	-0.10	-3.46	-3.45	-0.11	-0.20	0.67	0.07	0.09	0.65	0.10
1169	4	1332	12.06	1.20	-6.64	-6.27	0.83	1.65	-0.86	-1.78	-0.93	-1.72	0.23
		1333	12.09	1.76	-6.26	-5.38	0.88	2.51	-0.68	-1.63	-0.80	-1.51	0.32
		1352	10.32	0.56	-5.28	-4.91	0.19	1.43	-0.39	-1.42	-0.59	-1.22	0.41
		1351	9.70	0.30	-5.92	-5.78	0.16	0.94	-0.52	-1.33	-0.62	-1.22	0.28
1170	1	1333	28.70	0.07	-9.71	-9.67	0.04	-0.58	4.50	1.01	1.07	4.44	0.45
		1334	26.41	0.57	-8.21	-8.21	0.57	0.03	4.08	0.86	0.97	3.98	0.58
		1353	17.01	0.26	-5.69	-5.42	-7.99e-04	-1.22	2.76	0.67	0.70	2.73	0.27
		1352	18.64	0.10	-6.39	-6.05	-0.25	-1.46	3.04	0.75	0.77	3.02	0.21
1170	2	1333	31.70	4.50	-15.95	-13.69	2.24	6.42	-1.74	-4.32	-2.10	-3.96	0.89
		1334	32.19	6.72	-14.85	-10.49	2.36	8.66	-1.08	-3.73	-1.63	-3.18	1.07
		1353	28.84	2.69	-11.19	-9.05	0.54	5.02	-0.63	-3.85	-1.37	-3.11	1.35
		1352	26.45	1.48	-13.11	-12.10	0.46	3.71	-0.97	-3.64	-1.50	-3.11	1.07
1170	3	1333	8.79	0.28	-4.22	-4.18	0.23	0.44	1.03	0.10	0.14	0.99	0.20
		1334	8.49	0.60	-3.61	-3.43	0.42	0.84	0.98	0.08	0.15	0.91	0.24
		1353	5.08	0.07	-2.61	-2.61	0.06	0.10	0.59	0.02	0.08	0.53	0.18
		1352	5.52	-0.02	-3.12	-3.12	-0.03	-0.10	0.64	0.05	0.09	0.60	0.14
1170	4	1333	12.11	1.77	-6.25	-5.37	0.88	2.51	-0.67	-1.63	-0.80	-1.50	0.33
		1334	12.28	2.66	-5.82	-4.11	0.95	3.40	-0.42	-1.40	-0.62	-1.21	0.39
		1353	11.04	1.03	-4.49	-3.68	0.22	1.95	-0.26	-1.47	-0.53	-1.20	0.50
		1352	10.26	0.56	-5.29	-4.91	0.18	1.43	-0.40	-1.41	-0.59	-1.22	0.40
1171	1	1334	26.39	0.57	-8.19	-8.19	0.57	0.03	4.08	0.86	0.97	3.97	0.58
		1335	23.73	1.14	-6.41	-6.30	1.03	0.89	3.58	0.69	0.86	3.42	0.67
		1354	14.93	0.33	-4.61	-4.50	0.22	-0.72	2.42	0.57	0.62	2.36	0.31
		1353	17.02	0.26	-5.69	-5.43	-1.05e-04	-1.22	2.76	0.67	0.70	2.73	0.26
1171	2	1334	32.28	6.74	-14.82	-10.45	2.37	8.66	-1.07	-3.74	-1.63	-3.18	1.09
		1335	33.33	9.93	-13.70	-6.28	2.50	10.97	-0.29	-2.92	-1.02	-2.20	1.18
		1354	31.16	4.73	-9.24	-5.13	0.62	6.37	-0.34	-3.93	-1.19	-3.09	1.52
		1353	28.62	2.68	-11.21	-9.07	0.54	5.02	-0.65	-3.83	-1.37	-3.11	1.33
1171	3	1334	8.49	0.60	-3.60	-3.42	0.42	0.85	0.98	0.08	0.15	0.91	0.24
		1335	8.28	1.10	-2.97	-2.46	0.60	1.34	0.93	0.07	0.17	0.83	0.28
		1354	4.64	0.22	-1.99	-1.92	0.15	0.40	0.53	-0.01	0.08	0.43	0.20
		1353	5.07	0.07	-2.62	-2.61	0.06	0.10	0.59	0.02	0.08	0.53	0.18
1171	4	1334	12.31	2.67	-5.81	-4.09	0.95	3.40	-0.42	-1.41	-0.62	-1.21	0.40
		1335	12.74	3.96	-5.38	-2.45	1.03	4.33	-0.13	-1.09	-0.39	-0.83	0.43
		1354	11.85	1.85	-3.69	-2.10	0.27	2.50	-0.15	-1.49	-0.45	-1.18	0.56
		1353	10.97	1.03	-4.50	-3.69	0.22	1.95	-0.27	-1.46	-0.53	-1.20	0.49
1172	1	1335	23.70	1.14	-6.39	-6.28	1.03	0.90	3.58	0.69	0.86	3.42	0.67
		1336	21.13	2.03	-4.66	-4.04	1.41	1.93	3.04	0.50	0.74	2.80	0.74
		1355	12.58	0.42	-3.27	-3.27	0.42	0.01	2.02	0.46	0.54	1.94	0.34
		1354	14.94	0.33	-4.62	-4.51	0.23	-0.72	2.41	0.56	0.62	2.36	0.31
1172	2	1335	33.48	9.97	-13.68	-6.22	2.50	10.99	-0.28	-2.94	-1.03	-2.19	1.19
		1336	35.34	14.28	-12.67	-1.01	2.63	13.35	0.57	-1.87	-0.27	-1.03	1.16
		1355	33.41	7.96	-7.58	-0.31	0.69	7.76	-0.11	-3.86	-0.95	-3.03	1.56
		1354	30.92	4.72	-9.26	-5.16	0.62	6.36	-0.37	-3.91	-1.18	-3.09	1.49
1172	3	1335	8.28	1.11	-2.96	-2.45	0.60	1.35	0.93	0.07	0.17	0.83	0.28
		1336	8.29	1.91	-2.44	-1.29	0.76	1.92	0.87	0.06	0.20	0.74	0.30



		1355	4.40	0.61	-1.41	-1.03	0.23	0.79	0.45	-0.04	0.08	0.33	0.21
		1354	4.63	0.22	-2.00	-1.92	0.15	0.40	0.53	-0.01	0.08	0.43	0.20
1172	4	1335	12.80	3.97	-5.37	-2.43	1.03	4.34	-0.13	-1.10	-0.39	-0.83	0.43
		1336	13.61	5.72	-4.99	-0.39	1.12	5.30	0.20	-0.70	-0.10	-0.40	0.42
		1355	12.71	3.17	-3.02	-0.16	0.31	3.09	-0.05	-1.45	-0.36	-1.14	0.58
		1354	11.77	1.84	-3.69	-2.11	0.27	2.50	-0.16	-1.48	-0.45	-1.18	0.55
1173	1	1336	21.08	2.03	-4.65	-4.02	1.40	1.95	3.04	0.51	0.75	2.80	0.74
		1337	19.18	3.59	-3.40	-1.53	1.72	3.10	2.48	0.29	0.62	2.15	0.78
		1356	10.33	0.92	-2.05	-1.71	0.59	0.94	1.57	0.34	0.45	1.46	0.35
		1355	12.60	0.42	-3.27	-3.27	0.42	0.01	2.01	0.45	0.53	1.94	0.34
1173	2	1336	35.59	14.35	-12.68	-0.95	2.61	13.40	0.57	-1.90	-0.29	-1.03	1.18
		1337	38.48	19.86	-11.78	5.38	2.70	15.76	1.46	-0.57	0.64	0.25	1.00
		1356	35.34	12.51	-6.34	5.41	0.76	9.14	0.03	-3.61	-0.67	-2.91	1.44
		1355	33.18	7.95	-7.58	-0.34	0.70	7.75	-0.13	-3.84	-0.94	-3.03	1.54
1173	3	1336	8.30	1.92	-2.44	-1.28	0.76	1.93	0.87	0.07	0.20	0.74	0.30
		1337	8.64	3.08	-2.11	0.04	0.93	2.55	0.80	0.08	0.24	0.65	0.30
		1356	4.57	1.45	-1.09	0.04	0.32	1.27	0.37	-0.07	0.09	0.21	0.21
		1355	4.39	0.61	-1.41	-1.04	0.24	0.79	0.45	-0.04	0.08	0.33	0.21
1173	4	1336	13.71	5.75	-5.00	-0.37	1.12	5.32	0.20	-0.70	-0.11	-0.40	0.43
		1337	14.97	7.97	-4.67	2.09	1.21	6.31	0.53	-0.20	0.24	0.09	0.36
		1356	13.55	5.06	-2.54	2.15	0.37	3.70	0.01	-1.34	-0.24	-1.08	0.53
		1355	12.63	3.17	-3.02	-0.17	0.32	3.08	-0.06	-1.44	-0.35	-1.14	0.57
1174	1	1337	19.12	3.61	-3.41	-1.51	1.71	3.12	2.48	0.32	0.65	2.15	0.77
		1338	18.39	5.86	-2.81	1.09	1.97	4.31	1.94	0.08	0.51	1.50	0.79
		1357	8.95	2.48	-1.62	0.11	0.74	2.03	1.08	0.19	0.35	0.92	0.34
		1356	10.38	0.93	-2.04	-1.71	0.60	0.94	1.56	0.32	0.43	1.45	0.35
1174	2	1337	38.78	19.98	-11.87	5.46	2.66	15.86	1.43	-0.63	0.54	0.26	1.02
		1338	42.73	26.65	-10.96	13.09	2.61	18.06	2.23	0.98	1.69	1.52	0.62
		1357	36.08	18.17	-5.35	11.91	0.91	10.40	0.04	-3.06	-0.39	-2.63	1.07
		1356	35.39	12.51	-6.34	5.39	0.77	9.13	0.07	-3.60	-0.62	-2.92	1.43
1174	3	1337	8.66	3.10	-2.13	0.06	0.91	2.58	0.81	0.08	0.24	0.65	0.30
		1338	9.26	4.52	-1.93	1.50	1.08	3.22	0.73	0.12	0.29	0.56	0.27
		1357	5.21	2.72	-1.02	1.27	0.44	1.82	0.26	-0.09	0.09	0.09	0.17
		1356	4.58	1.46	-1.09	0.04	0.33	1.26	0.37	-0.07	0.08	0.21	0.21
1174	4	1337	15.09	8.03	-4.71	2.12	1.20	6.35	0.52	-0.22	0.20	0.09	0.37
		1338	16.76	10.70	-4.37	5.06	1.27	7.29	0.82	0.38	0.64	0.56	0.22
		1357	14.04	7.43	-2.18	4.76	0.48	4.30	0.02	-1.12	-0.13	-0.96	0.39
		1356	13.58	5.06	-2.53	2.15	0.38	3.69	0.02	-1.34	-0.23	-1.09	0.53
1175	1	1338	18.50	5.94	-2.89	1.10	1.94	4.39	1.97	0.14	0.58	1.53	0.78
		1339	18.12	8.34	-2.55	3.74	2.05	5.37	1.36	-0.17	0.38	0.81	0.73
		1358	9.19	4.76	-1.74	2.04	0.98	3.21	0.61	-9.41e-03	0.20	0.40	0.29
		1357	8.95	2.50	-1.59	0.15	0.77	2.02	1.06	0.15	0.31	0.89	0.35
1175	2	1338	42.85	27.09	-11.19	13.27	2.63	18.39	2.13	0.84	1.40	1.58	0.64
		1339	47.21	34.23	-9.80	22.74	1.69	19.34	2.81	2.03	2.79	2.06	-0.14
		1358	32.19	23.96	-3.83	18.38	1.75	11.13	0.06	-1.60	2.59e-03	-1.55	0.30
		1357	37.02	18.20	-5.41	11.95	0.84	10.42	0.11	-3.17	-0.31	-2.75	1.09
1175	3	1338	9.39	4.59	-1.99	1.52	1.07	3.28	0.74	0.12	0.28	0.58	0.27
		1339	9.61	5.99	-1.75	3.08	1.16	3.75	0.57	0.18	0.34	0.40	0.19
		1358	5.90	4.19	-0.99	2.51	0.68	2.42	0.16	-0.05	0.08	0.04	0.10
		1357	5.27	2.73	-1.00	1.29	0.43	1.82	0.26	-0.11	0.08	0.07	0.18
1175	4	1338	16.83	10.88	-4.47	5.13	1.27	7.43	0.79	0.33	0.53	0.59	0.23
		1339	18.46	13.64	-3.88	8.71	1.06	7.88	1.07	0.76	1.06	0.77	-0.07
		1358	12.90	9.89	-1.62	7.35	0.91	4.77	0.04	-0.56	0.02	-0.54	0.11
		1357	14.42	7.44	-2.20	4.79	0.46	4.30	0.05	-1.16	-0.10	-1.01	0.40
1176	1	1339	18.58	8.49	-3.16	3.32	2.01	5.79	1.31	-0.16	0.46	0.70	0.72
		193	17.52	10.98	-1.94	8.11	0.93	5.37	0.74	-0.36	0.28	0.09	0.54
		231	9.22	5.77	-1.51	2.59	1.67	3.61	0.43	-0.05	0.33	0.05	0.20
		1358	8.76	4.90	-1.41	2.36	1.13	3.09	0.58	-0.09	0.03	0.46	0.26
1176	2	1339	45.23	36.77	-11.11	23.89	1.77	21.23	2.05	1.30	1.81	1.54	-0.35
		193	67.50	43.03	-7.29	39.77	-4.02	12.40	4.77	1.50	4.70	1.57	-0.47
		231	40.96	23.04	-0.53	17.60	4.91	9.93	4.69	1.00	4.51	1.19	-0.81
		1358	27.69	23.65	-3.09	18.46	2.10	10.57	-0.37	-1.27	-0.40	-1.25	0.15
1176	3	1339	9.82	6.27	-2.06	3.05	1.15	4.06	0.49	0.13	0.29	0.33	0.18
		193	10.52	7.28	-1.12	5.72	0.43	3.26	0.53	0.17	0.48	0.23	0.13
		231	6.46	4.65	-0.70	2.64	1.31	2.59	0.45	0.06	0.45	0.06	-0.01
		1358	5.40	4.20	-0.83	2.60	0.77	2.34	0.15	-0.02	0.03	0.10	0.08
1176	4	1339	17.87	14.64	-4.41	9.15	1.08	8.63	0.79	0.48	0.70	0.58	-0.14
		193	25.61	16.71	-2.64	15.10	-1.03	5.34	1.81	0.64	1.79	0.66	-0.17
		231	16.10	9.75	-0.39	7.09	2.27	4.46	1.76	0.32	1.69	0.39	-0.31
		1358	11.24	9.76	-1.33	7.37	1.06	4.56	-0.10	-0.41	-0.10	-0.41	0.04
1177	1	133	9.26	5.44	-1.91	2.01	1.51	-3.67	0.51	0.05	0.20	0.36	-0.22
		1340	9.62	4.42	-1.41	1.94	1.06	-2.88	0.62	-0.22	0.10	0.30	-0.41
		1359	6.16	0.79	-1.37	-0.29	-0.29	-1.08	0.91	0.14	0.18	0.88	0.16
		94	5.90	4.72	-0.34	3.57	0.81	-2.12	-0.05	-0.43	-0.07	-0.41	0.09
1177	2	133	42.85	24.05	-2.70	17.33	4.02	-11.60	5.29	2.79	5.02	3.06	0.78
		1340	35.15	25.84	-3.79	19.54	2.51	-12.13	-0.25	-2.05	-0.76	-1.53	-0.81
		1359	25.85	16.20	-2.47	14.06	-0.33	-5.95	0.08	-2.30	-1.12	-1.11	-1.19



		94	39.95	30.39	0.30	27.23	3.46	-9.22	0.73	-1.81	0.72	-1.80	-0.17
1177	3	133	6.75	4.56	-1.12	2.25	1.20	-2.79	0.53	0.47	0.53	0.47	0.02
		1340	6.44	4.37	-0.88	2.68	0.80	-2.45	0.16	-0.18	-0.01	-1.63e-04	-0.17
		1359	3.07	2.27	-0.66	1.76	-0.15	-1.11	0.08	-0.13	-0.11	0.07	-0.05
1177	4	94	7.03	5.66	-0.05	4.85	0.77	-2.00	0.09	-0.35	0.09	-0.35	8.45e-03
		133	17.04	10.05	-1.32	6.79	1.94	-5.14	2.08	1.15	1.96	1.27	0.31
		1340	14.16	10.73	-1.61	7.90	1.23	-5.19	-0.09	-0.73	-0.27	-0.54	-0.29
		1359	10.66	6.93	-1.08	6.01	-0.16	-2.55	-0.05	-0.96	-0.50	-0.52	-0.45
1178	1	94	17.40	13.29	0.12	11.86	1.55	-4.10	0.33	-0.77	0.33	-0.76	-0.07
		1340	8.86	4.12	-1.51	1.67	0.94	-2.79	0.60	-0.13	0.12	0.35	-0.34
		1341	8.29	1.84	-1.42	-0.18	0.59	-1.58	1.10	0.23	0.39	0.94	-0.34
		1360	8.97	-0.17	-1.50	-1.48	-0.19	-0.15	1.61	0.42	0.42	1.60	0.06
		1359	6.05	0.69	-0.97	0.05	-0.33	-0.81	0.99	0.35	0.39	0.96	0.14
1178	2	1340	35.83	24.33	-4.27	18.17	1.90	-11.76	0.22	-1.87	-0.07	-1.58	-0.72
		1341	36.68	18.07	-5.36	11.90	0.82	-10.32	0.17	-3.06	-0.27	-2.62	-1.11
		1360	18.81	10.97	-1.58	9.20	0.19	-4.38	1.18	-0.78	-0.10	0.50	-0.93
		1359	25.91	16.92	-1.76	15.41	-0.24	-5.10	0.96	-0.83	0.46	-0.34	-0.80
1178	3	1340	6.22	4.07	-0.98	2.41	0.67	-2.37	0.18	-0.13	0.04	8.11e-03	-0.16
		1341	5.00	2.51	-0.94	1.19	0.37	-1.67	0.28	-0.07	0.12	0.10	-0.18
		1360	2.65	0.99	-0.31	0.70	-0.02	-0.54	0.42	0.06	0.07	0.41	-0.06
		1359	3.23	2.38	-0.47	2.05	-0.14	-0.91	0.20	0.15	0.17	0.18	-0.02
1178	4	1340	14.43	10.07	-1.82	7.30	0.95	-5.03	0.09	-0.68	-0.02	-0.57	-0.27
		1341	14.27	7.39	-2.18	4.77	0.44	-4.26	0.08	-1.11	-0.08	-0.95	-0.40
		1360	7.44	4.59	-0.63	3.87	0.09	-1.79	0.36	-0.36	-0.08	0.08	-0.35
		1359	10.91	7.24	-0.76	6.60	-0.11	-2.18	0.35	-0.36	0.19	-0.20	-0.30
1179	1	1341	8.45	1.91	-1.42	-0.18	0.67	-1.61	1.08	0.17	0.32	0.93	-0.34
		1342	10.08	0.59	-2.00	-1.87	0.45	-0.57	1.60	0.36	0.47	1.49	-0.35
		1361	11.45	-0.11	-2.51	-2.39	-0.22	0.51	2.01	0.55	0.55	2.01	-0.02
		1360	8.68	-0.31	-1.48	-1.48	-0.31	-0.05	1.61	0.51	0.51	1.61	0.04
1179	2	1341	36.60	18.26	-5.39	11.80	1.07	-10.54	0.05	-3.10	-0.44	-2.61	-1.15
		1342	35.63	12.42	-6.35	5.35	0.73	-9.10	0.12	-3.61	-0.59	-2.90	-1.46
		1361	18.63	5.58	-2.14	3.54	-0.11	-3.40	2.15	-0.27	0.35	1.53	-1.06
		1360	19.44	10.64	-1.73	9.21	-0.30	-3.95	1.43	-0.44	0.39	0.61	-0.93
1179	3	1341	5.08	2.57	-0.95	1.19	0.43	-1.72	0.26	-0.11	0.07	0.09	-0.18
		1342	4.39	1.29	-1.03	-4.52e-03	0.27	-1.15	0.38	-0.05	0.10	0.22	-0.21
		1361	3.49	8.29e-03	-0.40	-0.32	-0.07	-0.16	0.61	0.13	0.15	0.60	-0.09
		1360	2.61	0.90	-0.33	0.71	-0.13	-0.45	0.45	0.16	0.17	0.43	-0.06
1179	4	1341	14.28	7.48	-2.20	4.74	0.54	-4.36	0.02	-1.14	-0.16	-0.96	-0.42
		1342	13.66	5.02	-2.54	2.13	0.35	-3.68	0.05	-1.34	-0.21	-1.08	-0.54
		1361	6.88	2.22	-0.81	1.44	-0.04	-1.32	0.71	-0.17	0.09	0.45	-0.40
		1360	7.78	4.44	-0.69	3.88	-0.13	-1.60	0.48	-0.22	0.13	0.13	-0.35
1180	1	1342	10.14	0.61	-2.00	-1.87	0.48	-0.58	1.59	0.34	0.44	1.49	-0.35
		1343	12.49	0.27	-3.28	-3.27	0.26	0.22	2.05	0.48	0.55	1.98	-0.34
		1362	13.28	0.07	-3.12	-2.80	-0.24	0.95	2.33	0.63	0.63	2.33	-0.07
		1361	11.33	-0.14	-2.51	-2.38	-0.27	0.54	2.02	0.59	0.59	2.02	-0.03
1180	2	1342	35.35	12.52	-6.35	5.34	0.83	-9.16	0.02	-3.62	-0.69	-2.91	-1.44
		1343	33.69	7.92	-7.59	-0.36	0.69	-7.74	-0.07	-3.89	-0.92	-3.04	-1.59
		1362	21.87	1.91	-3.70	-1.55	-0.24	-2.73	3.14	0.16	0.68	2.62	-1.13
		1361	18.69	5.39	-2.16	3.52	-0.29	-3.26	2.24	-0.15	0.52	1.57	-1.07
1180	3	1342	4.41	1.32	-1.03	-3.60e-03	0.29	-1.16	0.37	-0.07	0.08	0.22	-0.21
		1343	4.30	0.51	-1.37	-1.03	0.18	-0.72	0.47	-0.03	0.09	0.34	-0.22
		1362	4.47	-0.09	-1.09	-1.08	-0.09	0.08	0.77	0.17	0.19	0.74	-0.11
		1361	3.43	-0.04	-0.38	-0.31	-0.11	-0.14	0.63	0.16	0.18	0.60	-0.10
1180	4	1342	13.56	5.07	-2.54	2.13	0.40	-3.71	4.25e-03	-1.34	-0.26	-1.08	-0.53
		1343	12.82	3.15	-3.02	-0.17	0.31	-3.08	-0.04	-1.46	-0.35	-1.15	-0.59
		1362	7.78	0.66	-1.46	-0.71	-0.09	-1.01	1.05	-0.01	0.20	0.83	-0.43
		1361	6.92	2.14	-0.82	1.43	-0.12	-1.26	0.75	-0.12	0.17	0.47	-0.41
1181	1	1343	12.51	0.28	-3.28	-3.27	0.26	0.22	2.05	0.47	0.54	1.97	-0.33
		1344	14.83	0.15	-4.50	-4.38	0.02	0.76	2.45	0.58	0.64	2.40	-0.31
		1363	14.59	0.22	-3.31	-2.84	-0.25	1.20	2.57	0.69	0.70	2.57	-0.08
		1362	13.23	0.07	-3.11	-2.78	-0.26	0.96	2.33	0.65	0.65	2.33	-0.07
1181	2	1343	33.40	7.96	-7.59	-0.36	0.72	-7.76	-0.13	-3.88	-0.96	-3.04	-1.56
		1344	31.46	4.72	-9.26	-5.17	0.62	-6.37	-0.31	-3.97	-1.17	-3.11	-1.55
		1363	26.66	0.42	-6.64	-5.91	-0.31	-2.15	4.09	0.58	0.97	3.70	-1.10
		1362	21.84	1.83	-3.69	-1.56	-0.31	-2.69	3.18	0.22	0.75	2.65	-1.14
1181	3	1343	4.30	0.52	-1.37	-1.03	0.19	-0.72	0.46	-0.04	0.08	0.34	-0.21
		1344	4.60	0.16	-1.95	-1.88	0.09	-0.39	0.54	-7.56e-03	0.09	0.44	-0.21
		1363	5.34	-0.07	-1.66	-1.63	-0.10	0.22	0.89	0.20	0.22	0.87	-0.12
		1362	4.44	-0.10	-1.08	-1.08	-0.11	0.09	0.77	0.18	0.21	0.75	-0.12
1181	4	1343	12.71	3.17	-3.02	-0.17	0.32	-3.09	-0.06	-1.45	-0.36	-1.15	-0.58
		1344	11.96	1.84	-3.69	-2.11	0.26	-2.50	-0.14	-1.50	-0.45	-1.19	-0.57
		1363	9.42	0.11	-2.76	-2.53	-0.12	-0.77	1.37	0.14	0.30	1.20	-0.42
		1362	7.77	0.62	-1.46	-0.71	-0.12	-1.00	1.07	8.75e-03	0.24	0.84	-0.43
1182	1	1344	14.84	0.15	-4.50	-4.38	0.02	0.76	2.45	0.58	0.63	2.40	-0.31
		1345	16.84	-0.04	-5.40	-5.21	-0.24	1.00	2.80	0.68	0.72	2.76	-0.27
		1364	15.46	0.27	-3.17	-2.65	-0.24	1.23	2.75	0.74	0.74	2.75	-0.09
		1363	14.56	0.23	-3.30	-2.83	-0.25	1.20	2.57	0.70	0.71	2.57	-0.09



1182	2	1344	31.17	4.73	-9.26	-5.17	0.63	-6.37	-0.35	-3.95	-1.19	-3.11	-1.52
		1345	29.09	2.68	-11.22	-9.08	0.54	-5.02	-0.61	-3.89	-1.36	-3.14	-1.38
		1364	31.62	-0.08	-9.78	-9.49	-0.36	-1.64	4.93	0.96	1.22	4.67	-0.98
		1363	26.65	0.40	-6.64	-5.91	-0.34	-2.15	4.11	0.61	1.00	3.71	-1.10
1182	3	1344	4.59	0.16	-1.95	-1.88	0.09	-0.39	0.53	-8.17e-03	0.08	0.44	-0.20
		1345	5.05	1.93e-03	-2.56	-2.55	-9.08e-03	-0.17	0.60	0.02	0.09	0.53	-0.18
		1364	6.04	-0.06	-2.04	-2.00	-0.10	0.28	0.99	0.23	0.25	0.97	-0.11
		1363	5.33	-0.07	-1.65	-1.62	-0.10	0.22	0.89	0.21	0.23	0.87	-0.12
1182	4	1344	11.86	1.85	-3.69	-2.11	0.27	-2.50	-0.15	-1.49	-0.46	-1.19	-0.56
		1345	11.14	1.03	-4.50	-3.69	0.22	-1.95	-0.25	-1.49	-0.53	-1.21	-0.51
		1364	11.19	-0.05	-4.11	-4.02	-0.14	-0.57	1.65	0.28	0.39	1.54	-0.38
		1363	9.41	0.10	-2.76	-2.54	-0.13	-0.77	1.38	0.15	0.32	1.21	-0.42
1183	1	1345	16.85	-0.05	-5.40	-5.21	-0.24	1.00	2.80	0.68	0.71	2.76	-0.26
		1346	18.41	-0.33	-5.95	-5.79	-0.49	0.94	3.07	0.76	0.78	3.05	-0.21
		1365	16.02	0.19	-2.79	-2.36	-0.24	1.04	2.88	0.77	0.77	2.87	-0.08
		1364	15.45	0.28	-3.16	-2.64	-0.24	1.23	2.75	0.74	0.75	2.75	-0.09
1183	2	1345	28.83	2.68	-11.21	-9.08	0.55	-5.01	-0.64	-3.87	-1.36	-3.14	-1.35
		1346	26.81	1.48	-13.11	-12.10	0.47	-3.71	-0.93	-3.71	-1.49	-3.14	-1.12
		1365	35.97	-0.28	-12.40	-12.29	-0.40	-1.18	5.63	1.28	1.43	5.47	-0.80
		1364	31.63	-0.08	-9.78	-9.49	-0.37	-1.65	4.94	0.98	1.24	4.68	-0.98
1183	3	1345	5.04	1.92e-03	-2.56	-2.55	-9.16e-03	-0.17	0.60	0.02	0.09	0.53	-0.18
		1346	5.50	-0.10	-3.04	-3.04	-0.10	-0.05	0.65	0.05	0.09	0.61	-0.15
		1365	6.56	-0.07	-2.27	-2.24	-0.10	0.26	1.06	0.25	0.26	1.05	-0.09
		1364	6.03	-0.06	-2.03	-1.99	-0.10	0.28	0.99	0.23	0.25	0.97	-0.11
1183	4	1345	11.05	1.03	-4.50	-3.69	0.22	-1.95	-0.27	-1.48	-0.53	-1.22	-0.50
		1346	10.39	0.56	-5.29	-4.91	0.19	-1.43	-0.38	-1.43	-0.58	-1.23	-0.41
		1365	12.76	-0.12	-5.21	-5.18	-0.15	-0.40	1.88	0.39	0.46	1.82	-0.30
		1364	11.19	-0.06	-4.11	-4.02	-0.14	-0.58	1.66	0.28	0.39	1.54	-0.38
1184	1	1346	18.40	-0.33	-5.95	-5.79	-0.49	0.94	3.07	0.76	0.78	3.05	-0.21
		1347	19.50	-0.63	-6.25	-6.18	-0.70	0.60	3.27	0.82	0.83	3.26	-0.15
		1366	16.36	-0.02	-2.30	-2.10	-0.23	0.65	2.96	0.79	0.79	2.96	-0.06
		1365	16.01	0.19	-2.77	-2.35	-0.24	1.03	2.88	0.77	0.78	2.87	-0.08
1184	2	1346	26.59	1.48	-13.11	-12.10	0.47	-3.71	-0.96	-3.68	-1.49	-3.14	-1.08
		1347	24.88	0.81	-14.64	-14.25	0.41	-2.45	-1.25	-3.46	-1.58	-3.14	-0.78
		1366	39.28	-0.38	-14.33	-14.28	-0.43	-0.76	6.14	1.51	1.58	6.07	-0.56
		1365	35.97	-0.28	-12.41	-12.29	-0.40	-1.20	5.63	1.29	1.44	5.48	-0.80
1184	3	1346	5.49	-0.10	-3.04	-3.04	-0.10	-0.06	0.64	0.05	0.09	0.61	-0.14
		1347	5.86	-0.17	-3.39	-3.39	-0.17	-0.04	0.68	0.07	0.09	0.66	-0.10
		1366	6.93	-0.09	-2.40	-2.39	-0.10	0.17	1.11	0.27	0.27	1.10	-0.07
		1365	6.56	-0.07	-2.27	-2.24	-0.10	0.25	1.06	0.25	0.26	1.05	-0.09
1184	4	1346	10.32	0.56	-5.29	-4.91	0.19	-1.43	-0.39	-1.42	-0.58	-1.23	-0.40
		1347	9.78	0.30	-5.92	-5.78	0.16	-0.94	-0.50	-1.35	-0.62	-1.24	-0.29
		1366	13.97	-0.14	-6.01	-6.00	-0.16	-0.25	2.05	0.48	0.51	2.03	-0.21
		1365	12.77	-0.12	-5.21	-5.18	-0.15	-0.41	1.89	0.39	0.46	1.82	-0.31
1185	1	1347	19.50	-0.64	-6.24	-6.18	-0.70	0.60	3.27	0.82	0.83	3.26	-0.14
		1348	20.18	-0.81	-6.43	-6.43	-0.81	0.06	3.39	0.85	0.85	3.38	-0.08
		1367	16.54	-0.22	-1.97	-1.96	-0.23	0.13	3.00	0.80	0.81	3.00	-0.03
		1366	16.35	-0.03	-2.29	-2.09	-0.23	0.65	2.96	0.79	0.80	2.96	-0.06
1185	2	1347	24.72	0.80	-14.64	-14.25	0.41	-2.44	-1.28	-3.44	-1.58	-3.14	-0.75
		1348	23.55	0.46	-15.62	-15.53	0.37	-1.22	-1.53	-3.24	-1.63	-3.13	-0.41
		1367	41.34	-0.43	-15.49	-15.48	-0.44	-0.36	6.46	1.66	1.68	6.44	-0.29
		1366	39.29	-0.38	-14.33	-14.28	-0.43	-0.78	6.14	1.52	1.59	6.08	-0.56
1185	3	1347	5.86	-0.17	-3.39	-3.39	-0.17	-0.04	0.68	0.08	0.09	0.66	-0.10
		1348	6.09	-0.21	-3.60	-3.60	-0.21	-0.09	0.69	0.09	0.09	0.69	-0.05
		1367	7.15	-0.10	-2.49	-2.49	-0.10	0.03	1.14	0.28	0.28	1.13	-0.03
		1366	6.93	-0.09	-2.40	-2.39	-0.10	0.16	1.11	0.27	0.28	1.10	-0.07
1185	4	1347	9.73	0.30	-5.92	-5.78	0.16	-0.94	-0.51	-1.35	-0.62	-1.24	-0.28
		1348	9.38	0.17	-6.33	-6.30	0.14	-0.47	-0.61	-1.28	-0.64	-1.24	-0.15
		1367	14.72	-0.16	-6.50	-6.50	-0.16	-0.12	2.16	0.53	0.54	2.15	-0.11
		1366	13.97	-0.14	-6.01	-6.00	-0.16	-0.26	2.06	0.48	0.51	2.03	-0.21
1186	1	1348	20.18	-0.81	-6.43	-6.43	-0.81	0.05	3.39	0.85	0.85	3.38	-0.07
		1349	20.48	-0.76	-6.61	-6.56	-0.81	-0.55	3.42	0.86	0.86	3.42	-3.03e-03
		1368	16.61	-0.12	-2.11	-2.00	-0.22	-0.43	3.01	0.81	0.81	3.01	-5.71e-03
		1367	16.54	-0.22	-1.96	-1.95	-0.23	0.13	3.00	0.81	0.81	3.00	-0.04
1186	2	1348	23.47	0.46	-15.62	-15.53	0.37	-1.21	-1.54	-3.22	-1.63	-3.13	-0.38
		1349	23.05	0.35	-15.96	-15.96	0.35	-3.16e-03	-1.65	-3.13	-1.65	-3.13	-0.02
		1368	42.04	-0.45	-15.88	-15.88	-0.45	0.01	6.56	1.71	1.71	6.56	-7.31e-05
		1367	41.35	-0.43	-15.49	-15.48	-0.44	-0.39	6.46	1.66	1.68	6.44	-0.29
1186	3	1348	6.09	-0.21	-3.60	-3.60	-0.21	-0.09	0.69	0.09	0.09	0.69	-0.05
		1349	6.18	-0.20	-3.69	-3.68	-0.21	-0.16	0.70	0.09	0.09	0.70	-1.96e-03
		1368	7.22	-0.09	-2.55	-2.55	-0.10	-0.13	1.14	0.28	0.28	1.14	-1.13e-03
		1367	7.15	-0.10	-2.49	-2.49	-0.10	0.02	1.14	0.28	0.28	1.13	-0.04
1186	4	1348	9.35	0.17	-6.33	-6.30	0.14	-0.46	-0.61	-1.27	-0.64	-1.24	-0.14
		1349	9.23	0.13	-6.47	-6.47	0.13	-1.07e-03	-0.65	-1.24	-0.65	-1.24	-5.64e-03
		1368	14.97	-0.16	-6.66	-6.66	-0.16	4.35e-03	2.20	0.55	0.55	2.20	5.39e-04
		1367	14.72	-0.16	-6.50	-6.49	-0.16	-0.13	2.16	0.53	0.54	2.15	-0.11
1187	1	1349	20.48	-0.75	-6.61	-6.56	-0.81	-0.56	3.42	0.86	0.86	3.42	1.24e-03



		1350	20.38	-0.50	-6.76	-6.57	-0.69	-1.08	3.38	0.85	0.85	3.38	0.07
		1369	16.55	0.15	-2.62	-2.24	-0.23	-0.95	2.97	0.80	0.80	2.97	0.02
		1368	16.61	-0.12	-2.11	-2.01	-0.23	-0.44	3.01	0.81	0.81	3.01	-7.93e-03
1187	2	1349	23.05	0.35	-15.96	-15.96	0.35	3.16e-03	-1.65	-3.13	-1.65	-3.13	0.02
		1350	23.47	0.46	-15.62	-15.53	0.37	1.21	-1.54	-3.22	-1.63	-3.13	0.38
		1369	41.35	-0.43	-15.49	-15.48	-0.44	0.39	6.46	1.66	1.68	6.44	0.29
		1368	42.04	-0.45	-15.88	-15.88	-0.45	-0.01	6.56	1.71	1.71	6.56	7.36e-05
1187	3	1349	6.18	-0.20	-3.69	-3.68	-0.21	-0.16	0.70	0.09	0.09	0.70	1.42e-03
		1350	6.12	-0.16	-3.65	-3.64	-0.17	-0.21	0.69	0.09	0.09	0.69	0.05
		1369	7.15	-0.07	-2.60	-2.57	-0.10	-0.27	1.13	0.28	0.28	1.13	0.03
		1368	7.22	-0.09	-2.56	-2.55	-0.10	-0.13	1.14	0.28	0.28	1.14	-2.91e-03
1187	4	1349	9.23	0.13	-6.47	-6.47	0.13	1.07e-03	-0.65	-1.24	-0.65	-1.24	5.64e-03
		1350	9.35	0.17	-6.33	-6.30	0.14	0.46	-0.61	-1.27	-0.64	-1.24	0.14
		1369	14.72	-0.16	-6.50	-6.49	-0.16	0.13	2.16	0.53	0.54	2.15	0.11
		1368	14.97	-0.16	-6.66	-6.66	-0.16	-4.35e-03	2.20	0.55	0.55	2.20	-5.39e-04
1188	1	1350	20.38	-0.49	-6.77	-6.58	-0.68	-1.09	3.38	0.85	0.85	3.38	0.08
		1351	19.81	-0.16	-6.75	-6.43	-0.48	-1.41	3.25	0.81	0.82	3.25	0.14
		1370	16.35	0.37	-3.20	-2.60	-0.23	-1.33	2.90	0.78	0.78	2.90	0.05
		1369	16.56	0.15	-2.63	-2.25	-0.23	-0.96	2.97	0.80	0.80	2.97	0.02
1188	2	1350	23.55	0.46	-15.62	-15.53	0.37	1.22	-1.53	-3.24	-1.63	-3.13	0.41
		1351	24.72	0.80	-14.64	-14.25	0.41	2.44	-1.28	-3.44	-1.58	-3.14	0.75
		1370	39.29	-0.38	-14.33	-14.28	-0.43	0.78	6.14	1.52	1.59	6.08	0.56
		1369	41.34	-0.43	-15.49	-15.48	-0.44	0.36	6.46	1.66	1.68	6.44	0.29
1188	3	1350	6.12	-0.16	-3.66	-3.64	-0.17	-0.22	0.69	0.09	0.09	0.69	0.05
		1351	5.90	-0.09	-3.47	-3.46	-0.11	-0.20	0.67	0.07	0.09	0.65	0.10
		1370	6.92	-0.04	-2.59	-2.54	-0.10	-0.36	1.09	0.27	0.27	1.09	0.06
		1369	7.15	-0.07	-2.60	-2.57	-0.10	-0.27	1.13	0.28	0.28	1.12	0.03
1188	4	1350	9.38	0.17	-6.33	-6.30	0.14	0.47	-0.61	-1.28	-0.64	-1.24	0.15
		1351	9.73	0.30	-5.92	-5.78	0.16	0.94	-0.51	-1.35	-0.62	-1.24	0.28
		1370	13.97	-0.14	-6.01	-6.00	-0.16	0.26	2.06	0.48	0.51	2.03	0.21
		1369	14.72	-0.16	-6.50	-6.50	-0.16	0.12	2.16	0.53	0.54	2.15	0.11
1189	1	1351	19.81	-0.16	-6.75	-6.43	-0.48	-1.41	3.25	0.81	0.82	3.25	0.15
		1352	18.71	0.11	-6.42	-6.07	-0.24	-1.46	3.05	0.75	0.77	3.03	0.21
		1371	15.95	0.44	-3.67	-2.99	-0.24	-1.53	2.80	0.75	0.75	2.80	0.07
		1370	16.36	0.37	-3.21	-2.61	-0.23	-1.34	2.90	0.78	0.78	2.90	0.05
1189	2	1351	24.88	0.81	-14.64	-14.25	0.41	2.45	-1.25	-3.46	-1.58	-3.14	0.78
		1352	26.59	1.48	-13.11	-12.10	0.47	3.71	-0.96	-3.68	-1.49	-3.14	1.08
		1371	35.97	-0.28	-12.41	-12.29	-0.40	1.20	5.63	1.29	1.44	5.48	0.80
		1370	39.28	-0.38	-14.33	-14.28	-0.43	0.76	6.14	1.51	1.58	6.07	0.56
1189	3	1351	5.90	-0.09	-3.48	-3.46	-0.10	-0.20	0.67	0.07	0.09	0.65	0.10
		1352	5.54	-0.02	-3.13	-3.13	-0.02	-0.10	0.64	0.05	0.09	0.60	0.14
		1371	6.54	-0.03	-2.49	-2.42	-0.10	-0.40	1.04	0.25	0.26	1.03	0.09
		1370	6.93	-0.04	-2.60	-2.54	-0.10	-0.37	1.09	0.26	0.27	1.09	0.06
1189	4	1351	9.78	0.30	-5.92	-5.78	0.16	0.94	-0.50	-1.35	-0.62	-1.24	0.29
		1352	10.32	0.56	-5.29	-4.91	0.19	1.43	-0.39	-1.42	-0.58	-1.23	0.40
		1371	12.77	-0.12	-5.21	-5.18	-0.15	0.41	1.89	0.39	0.46	1.82	0.31
		1370	13.97	-0.14	-6.01	-6.00	-0.16	0.25	2.05	0.48	0.51	2.03	0.21
1190	1	1352	18.70	0.11	-6.42	-6.07	-0.23	-1.46	3.05	0.75	0.77	3.03	0.21
		1353	17.06	0.27	-5.71	-5.44	7.86e-03	-1.22	2.76	0.67	0.70	2.73	0.27
		1372	15.28	0.39	-3.90	-3.28	-0.24	-1.52	2.65	0.71	0.72	2.65	0.08
		1371	15.96	0.44	-3.68	-3.00	-0.24	-1.53	2.80	0.75	0.75	2.80	0.07
1190	2	1352	26.81	1.48	-13.11	-12.10	0.47	3.71	-0.93	-3.71	-1.49	-3.14	1.12
		1353	28.83	2.68	-11.21	-9.08	0.55	5.01	-0.64	-3.87	-1.36	-3.14	1.35
		1372	31.63	-0.08	-9.78	-9.49	-0.37	1.65	4.94	0.98	1.24	4.68	0.98
		1371	35.97	-0.28	-12.40	-12.29	-0.40	1.18	5.63	1.28	1.43	5.47	0.80
1190	3	1352	5.54	-0.02	-3.13	-3.13	-0.02	-0.10	0.64	0.05	0.09	0.60	0.15
		1353	5.08	0.07	-2.62	-2.62	0.06	0.10	0.59	0.02	0.08	0.52	0.18
		1372	5.99	-0.04	-2.24	-2.18	-0.10	-0.36	0.96	0.22	0.24	0.94	0.11
		1371	6.55	-0.03	-2.50	-2.43	-0.10	-0.40	1.03	0.25	0.26	1.02	0.09
1190	4	1352	10.39	0.56	-5.29	-4.91	0.19	1.43	-0.38	-1.43	-0.58	-1.23	0.41
		1353	11.05	1.03	-4.50	-3.69	0.22	1.95	-0.27	-1.48	-0.53	-1.22	0.50
		1372	11.19	-0.06	-4.11	-4.02	-0.14	0.58	1.66	0.28	0.39	1.54	0.38
		1371	12.76	-0.12	-5.21	-5.18	-0.15	0.40	1.88	0.39	0.46	1.82	0.30
1191	1	1353	17.05	0.27	-5.70	-5.44	9.01e-03	-1.22	2.77	0.67	0.70	2.73	0.27
		1354	14.94	0.33	-4.61	-4.51	0.23	-0.72	2.42	0.56	0.62	2.36	0.31
		1373	14.25	0.23	-3.83	-3.36	-0.24	-1.31	2.46	0.67	0.67	2.46	0.09
		1372	15.30	0.39	-3.92	-3.29	-0.24	-1.52	2.65	0.71	0.71	2.65	0.08
1191	2	1353	29.09	2.68	-11.22	-9.08	0.54	5.02	-0.61	-3.89	-1.36	-3.14	1.38
		1354	31.17	4.73	-9.26	-5.17	0.63	6.37	-0.35	-3.95	-1.19	-3.11	1.52
		1373	26.65	0.40	-6.64	-5.91	-0.34	2.15	4.11	0.61	1.00	3.71	1.10
		1372	31.62	-0.08	-9.78	-9.49	-0.36	1.64	4.93	0.96	1.22	4.67	0.98
1191	3	1353	5.09	0.07	-2.62	-2.62	0.06	0.10	0.59	0.02	0.08	0.52	0.18
		1354	4.64	0.22	-1.99	-1.92	0.15	0.40	0.53	-0.01	0.08	0.43	0.20
		1373	5.24	-0.06	-1.82	-1.78	-0.10	-0.25	0.86	0.20	0.22	0.84	0.12
		1372	5.99	-0.04	-2.25	-2.19	-0.10	-0.36	0.96	0.22	0.24	0.94	0.11
1191	4	1353	11.14	1.03	-4.50	-3.69	0.22	1.95	-0.25	-1.49	-0.53	-1.21	0.51
		1354	11.86	1.85	-3.69	-2.11	0.27	2.50	-0.15	-1.49	-0.46	-1.19	0.56



		1373	9.41	0.10	-2.76	-2.54	-0.13	0.77	1.38	0.15	0.32	1.21	0.42
		1372	11.19	-0.05	-4.11	-4.02	-0.14	0.57	1.65	0.28	0.39	1.54	0.38
1192	1	1354	14.93	0.33	-4.61	-4.51	0.22	-0.72	2.42	0.57	0.62	2.36	0.32
		1355	12.57	0.42	-3.25	-3.25	0.42	0.02	2.01	0.45	0.53	1.93	0.34
		1374	12.76	0.03	-3.39	-3.11	-0.25	-0.93	2.21	0.62	0.62	2.21	0.07
		1373	14.27	0.23	-3.84	-3.37	-0.24	-1.31	2.46	0.66	0.67	2.46	0.08
1192	2	1354	31.46	4.72	-9.26	-5.17	0.62	6.37	-0.31	-3.97	-1.17	-3.11	1.55
		1355	33.40	7.96	-7.59	-0.36	0.72	7.76	-0.13	-3.88	-0.96	-3.04	1.56
		1374	21.84	1.83	-3.69	-1.56	-0.31	2.69	3.18	0.22	0.75	2.65	1.14
		1373	26.66	0.42	-6.64	-5.91	-0.31	2.15	4.09	0.58	0.97	3.70	1.10
1192	3	1354	4.65	0.22	-1.99	-1.92	0.15	0.40	0.53	-0.01	0.08	0.43	0.21
		1355	4.40	0.61	-1.41	-1.03	0.23	0.79	0.45	-0.05	0.08	0.33	0.22
		1374	4.32	-0.10	-1.18	-1.17	-0.10	-0.08	0.74	0.17	0.20	0.71	0.12
		1373	5.26	-0.06	-1.82	-1.78	-0.10	-0.25	0.86	0.19	0.21	0.84	0.12
1192	4	1354	11.96	1.84	-3.69	-2.11	0.26	2.50	-0.14	-1.50	-0.45	-1.19	0.57
		1355	12.71	3.17	-3.02	-0.17	0.32	3.09	-0.06	-1.45	-0.36	-1.15	0.58
		1374	7.77	0.62	-1.46	-0.71	-0.12	1.00	1.07	8.75e-03	0.24	0.84	0.43
		1373	9.42	0.11	-2.76	-2.53	-0.12	0.77	1.37	0.14	0.30	1.20	0.42
1193	1	1355	12.55	0.41	-3.25	-3.25	0.41	0.01	2.02	0.46	0.54	1.94	0.34
		1356	10.31	0.93	-2.02	-1.68	0.58	0.95	1.56	0.32	0.43	1.45	0.35
		1375	10.72	-0.19	-2.52	-2.45	-0.26	-0.40	1.90	0.56	0.56	1.90	0.04
		1374	12.81	0.03	-3.39	-3.12	-0.23	-0.92	2.21	0.60	0.60	2.21	0.07
1193	2	1355	33.69	7.92	-7.59	-0.36	0.69	7.74	-0.07	-3.89	-0.92	-3.04	1.59
		1356	35.35	12.52	-6.35	5.34	0.83	9.16	0.02	-3.62	-0.69	-2.91	1.44
		1375	18.69	5.39	-2.16	3.52	-0.29	3.26	2.24	-0.15	0.52	1.57	1.07
		1374	21.87	1.91	-3.70	-1.55	-0.24	2.73	3.14	0.16	0.68	2.62	1.13
1193	3	1355	4.40	0.61	-1.41	-1.03	0.22	0.79	0.46	-0.04	0.09	0.33	0.22
		1356	4.59	1.47	-1.09	0.05	0.32	1.27	0.36	-0.08	0.08	0.21	0.21
		1375	3.29	-0.01	-0.43	-0.34	-0.11	0.18	0.59	0.15	0.18	0.57	0.10
		1374	4.35	-0.09	-1.18	-1.18	-0.09	-0.07	0.73	0.16	0.18	0.71	0.12
1193	4	1355	12.82	3.15	-3.02	-0.17	0.31	3.08	-0.04	-1.46	-0.35	-1.15	0.59
		1356	13.56	5.07	-2.54	2.13	0.40	3.71	4.26e-03	-1.34	-0.26	-1.08	0.53
		1375	6.92	2.14	-0.82	1.43	-0.12	1.26	0.75	-0.12	0.17	0.47	0.41
		1374	7.78	0.66	-1.46	-0.71	-0.09	1.01	1.05	-0.01	0.20	0.83	0.43
1194	1	1356	10.24	0.89	-2.02	-1.68	0.55	0.93	1.57	0.35	0.46	1.46	0.35
		1357	8.95	2.54	-1.60	0.18	0.75	2.05	1.06	0.15	0.31	0.90	0.34
		1376	8.11	-0.24	-1.32	-1.26	-0.30	0.25	1.50	0.49	0.49	1.50	-0.03
		1375	10.85	-0.15	-2.52	-2.46	-0.21	-0.37	1.89	0.51	0.51	1.89	0.03
1194	2	1356	35.63	12.42	-6.35	5.35	0.73	9.10	0.12	-3.61	-0.59	-2.90	1.46
		1357	36.60	18.26	-5.39	11.80	1.07	10.54	0.05	-3.10	-0.44	-2.61	1.15
		1376	19.44	10.64	-1.73	9.21	-0.30	3.95	1.43	-0.44	0.39	0.61	0.93
		1375	18.63	5.58	-2.14	3.54	-0.11	3.40	2.15	-0.27	0.35	1.53	1.06
1194	3	1356	4.57	1.44	-1.09	0.05	0.30	1.26	0.37	-0.06	0.10	0.21	0.21
		1357	5.32	2.77	-1.02	1.30	0.45	1.85	0.26	-0.11	0.06	0.08	0.18
		1376	2.59	1.00	-0.36	0.77	-0.13	0.51	0.42	0.15	0.16	0.40	0.07
		1375	3.36	0.04	-0.45	-0.34	-0.07	0.21	0.58	0.12	0.14	0.56	0.10
1194	4	1356	13.66	5.02	-2.54	2.13	0.35	3.68	0.05	-1.34	-0.21	-1.08	0.54
		1357	14.28	7.48	-2.20	4.74	0.54	4.36	0.02	-1.14	-0.16	-0.96	0.42
		1376	7.78	4.44	-0.69	3.88	-0.13	1.61	0.48	-0.22	0.13	0.13	0.35
		1375	6.88	2.22	-0.81	1.44	-0.04	1.32	0.71	-0.17	0.09	0.45	0.40
1195	1	1357	8.79	2.46	-1.60	0.18	0.67	2.01	1.07	0.22	0.38	0.91	0.34
		1358	9.73	4.94	-1.74	2.18	1.02	3.29	0.59	-0.13	0.12	0.34	0.34
		1377	5.85	1.28	-1.03	0.56	-0.32	1.07	0.91	0.35	0.38	0.88	-0.12
		1376	8.30	-0.05	-1.38	-1.27	-0.16	0.36	1.49	0.38	0.38	1.49	-0.04
1195	2	1357	36.68	18.07	-5.36	11.90	0.82	10.32	0.17	-3.06	-0.27	-2.62	1.11
		1358	35.83	24.33	-4.27	18.17	1.90	11.76	0.22	-1.87	-0.07	-1.58	0.72
		1377	25.91	16.92	-1.76	15.41	-0.24	5.10	0.96	-0.83	0.46	-0.34	0.80
		1376	18.81	10.97	-1.58	9.20	0.19	4.38	1.18	-0.78	-0.10	0.50	0.93
1195	3	1357	5.24	2.71	-1.01	1.30	0.39	1.80	0.28	-0.07	0.11	0.09	0.18
		1358	6.51	4.31	-1.05	2.57	0.69	2.52	0.18	-0.14	0.04	5.08e-03	0.16
		1377	3.48	2.56	-0.49	2.20	-0.13	0.99	0.19	0.14	0.17	0.16	0.03
		1376	2.58	1.10	-0.35	0.77	-0.02	0.61	0.39	0.05	0.06	0.38	0.06
1195	4	1357	14.27	7.39	-2.18	4.77	0.44	4.26	0.08	-1.11	-0.08	-0.95	0.40
		1358	14.43	10.07	-1.82	7.30	0.95	5.03	0.09	-0.68	-0.02	-0.57	0.27
		1377	10.91	7.24	-0.76	6.60	-0.11	2.18	0.35	-0.36	0.19	-0.20	0.30
		1376	7.44	4.59	-0.63	3.87	0.09	1.79	0.36	-0.36	-0.08	0.08	0.35
1196	1	1358	10.45	5.27	-1.62	2.49	1.17	3.38	0.61	-0.21	0.10	0.30	0.40
		231	10.20	6.27	-2.12	2.52	1.62	4.17	0.56	0.13	0.27	0.42	0.20
		192	6.64	5.78	-0.39	4.49	0.91	2.51	-0.01	-0.45	-0.03	-0.43	-0.08
		1377	6.02	1.33	-1.43	0.20	-0.29	1.36	0.81	0.10	0.13	0.78	-0.13
1196	2	1358	35.15	25.84	-3.79	19.54	2.51	12.13	-0.25	-2.05	-0.76	-1.53	0.81
		231	42.85	24.05	-2.70	17.33	4.02	11.60	5.29	2.79	5.02	3.06	-0.78
		192	39.95	30.39	0.30	27.23	3.46	9.22	0.73	-1.81	0.72	-1.80	0.17
		1377	25.85	16.20	-2.47	14.06	-0.33	5.95	0.08	-2.30	-1.12	-1.11	1.19
1196	3	1358	6.70	4.62	-0.95	2.84	0.83	2.60	0.16	-0.18	-0.02	-2.16e-03	0.17
		231	7.07	4.81	-1.19	2.40	1.23	2.94	0.56	0.48	0.55	0.49	-0.02
		192	7.46	5.98	-0.07	5.12	0.79	2.11	0.11	-0.36	0.10	-0.36	-4.50e-03



		1377	3.20	2.45	-0.70	1.90	-0.15	1.19	0.06	-0.15	-0.13	0.04	0.06
1196	4	1358	14.16	10.73	-1.61	7.90	1.23	5.19	-0.09	-0.73	-0.27	-0.54	0.29
		231	17.04	10.05	-1.32	6.79	1.94	5.14	2.08	1.15	1.96	1.27	-0.31
		192	17.40	13.29	0.12	11.86	1.55	4.10	0.33	-0.76	0.33	-0.76	0.07
		1377	10.66	6.93	-1.08	6.01	-0.16	2.55	-0.05	-0.96	-0.50	-0.52	0.45
1197	1	94	8.92	3.19	-2.25	2.90	-1.96	1.22	0.48	-0.35	0.36	-0.23	0.29
		1359	7.77	0.87	-0.86	-0.07	0.08	0.86	1.06	-0.14	-0.05	0.98	0.32
		1378	9.73	2.05	-2.75	0.15	-0.85	2.35	0.34	-0.79	-0.46	7.65e-03	0.52
		134	13.61	3.85	-1.99	1.64	0.22	2.83	1.20	-0.38	0.38	0.43	0.79
1197	2	94	41.37	27.48	-6.26	26.47	-5.25	5.74	1.07	-1.13	1.07	-1.13	-0.05
		1359	23.62	14.97	-0.18	14.07	0.73	3.59	-0.66	-1.80	-1.51	-0.95	-0.50
		1378	16.27	6.57	-6.82	0.91	-1.16	6.61	0.28	-0.66	-0.43	0.04	-0.41
		134	18.15	6.62	-9.53	-3.78	0.87	7.73	1.54	0.32	0.41	1.45	-0.32
1197	3	94	8.53	4.74	-1.69	4.51	-1.46	1.19	0.28	-0.27	0.26	-0.25	0.09
		1359	3.59	2.16	-0.19	1.81	0.17	0.84	0.10	-0.26	-0.25	0.09	0.07
		1378	4.25	1.61	-1.98	0.03	-0.41	1.78	8.06e-03	-0.25	-0.21	-0.04	0.10
		134	5.89	2.09	-2.06	-0.03	0.06	2.08	0.49	0.09	0.23	0.36	0.19
1197	4	94	18.28	11.94	-2.88	11.50	-2.44	2.53	0.47	-0.52	0.47	-0.52	-0.01
		1359	10.06	6.45	-0.09	6.00	0.36	1.65	-0.38	-0.78	-0.68	-0.48	-0.17
		1378	7.27	2.95	-3.19	0.26	-0.50	3.04	0.08	-0.31	-0.20	-0.03	-0.17
		134	8.30	2.96	-4.34	-1.63	0.25	3.53	0.70	0.20	0.24	0.66	-0.14
1198	1	1359	7.12	1.02	-1.28	0.06	-0.33	1.13	1.22	0.41	0.46	1.16	0.21
		1360	10.83	1.25	-2.74	-1.36	-0.13	1.89	1.80	0.42	0.42	1.79	0.06
		1379	5.71	1.90	-2.17	-0.15	-0.13	2.03	0.27	-0.20	-0.10	0.17	0.19
		1378	9.84	2.09	-2.53	0.09	-0.53	2.29	0.37	-0.79	-0.40	-0.03	0.55
1198	2	1359	18.69	16.32	-1.06	15.35	-0.10	3.99	0.82	-0.54	0.37	-0.09	-0.64
		1360	21.36	11.43	-2.42	9.18	-0.17	5.11	1.19	-0.61	-0.12	0.70	-0.80
		1379	17.36	6.92	-6.17	0.71	0.03	6.54	0.71	-0.48	-0.09	0.31	-0.56
		1378	13.15	6.32	-7.07	-0.23	-0.52	6.70	-0.04	-0.49	-0.45	-0.08	-0.13
1198	3	1359	3.25	2.44	-0.49	2.04	-0.09	1.00	0.26	0.17	0.17	0.26	0.01
		1360	4.23	1.80	-1.07	0.75	-0.01	1.38	0.49	0.06	0.07	0.49	-0.04
		1379	2.95	1.61	-1.71	-0.13	0.03	1.66	-9.10e-03	-0.07	-0.07	-9.92e-03	-6.93e-03
		1378	4.68	1.55	-1.92	-0.15	-0.22	1.74	0.04	-0.28	-0.17	-0.06	0.15
1198	4	1359	7.85	7.06	-0.50	6.57	-0.02	1.85	0.29	-0.26	0.14	-0.11	-0.24
		1360	8.75	4.96	-1.12	3.87	-0.03	2.34	0.36	-0.29	-0.10	0.16	-0.30
		1379	7.60	3.10	-2.89	0.13	0.08	2.99	0.22	-0.25	-0.06	0.03	-0.23
		1378	5.83	2.81	-3.27	-0.24	-0.22	3.04	-0.06	-0.21	-0.19	-0.08	-0.05
1199	1	1360	10.36	1.01	-2.65	-1.47	-0.17	1.71	1.79	0.55	0.55	1.79	0.05
		1361	12.50	1.15	-3.49	-2.34	-7.22e-03	2.01	2.11	0.59	0.59	2.11	-0.03
		1380	4.67	2.38	-1.19	1.13	0.07	1.71	0.48	0.04	0.06	0.46	0.10
		1379	6.04	1.93	-1.88	0.14	-0.09	1.91	0.30	-0.28	-0.15	0.17	0.25
1199	2	1360	19.31	10.71	-1.97	9.09	-0.35	4.23	1.48	-0.26	0.35	0.87	-0.83
		1361	21.70	6.61	-3.67	3.39	-0.44	4.77	2.24	-0.14	0.39	1.71	-0.99
		1380	17.94	7.11	-5.16	2.09	-0.13	6.03	1.03	-0.38	0.08	0.57	-0.66
		1379	16.75	7.02	-6.21	0.87	-0.07	6.60	0.47	-0.59	-0.29	0.16	-0.48
1199	3	1360	3.98	1.61	-0.96	0.71	-0.05	1.22	0.52	0.16	0.17	0.51	-0.05
		1361	4.78	1.20	-1.53	-0.31	-0.02	1.36	0.66	0.15	0.16	0.65	-0.09
		1380	3.09	1.72	-1.23	0.42	0.07	1.46	0.07	-0.04	-0.02	0.05	-0.05
		1379	2.99	1.58	-1.58	-0.02	0.02	1.58	-0.03	-0.11	-0.11	-0.03	0.02
1199	4	1360	7.83	4.65	-0.92	3.83	-0.11	1.97	0.49	-0.14	0.11	0.24	-0.31
		1361	8.56	2.93	-1.69	1.39	-0.15	2.17	0.75	-0.12	0.10	0.52	-0.38
		1380	7.67	3.12	-2.41	0.70	7.35e-03	2.74	0.31	-0.24	-0.01	0.08	-0.27
		1379	7.28	3.09	-2.86	0.20	0.03	2.97	0.11	-0.30	-0.15	-0.03	-0.20
1200	1	1361	12.35	0.97	-3.38	-2.37	-0.05	1.84	2.12	0.63	0.63	2.12	-0.04
		1362	13.83	0.98	-3.75	-2.77	-8.90e-03	1.92	2.38	0.70	0.70	2.38	-0.08
		1381	5.35	3.19	-0.56	2.51	0.12	1.45	0.67	0.15	0.15	0.67	0.03
		1380	4.66	2.36	-1.04	1.23	0.09	1.60	0.48	2.91e-03	0.03	0.45	0.12
1200	2	1361	20.63	5.87	-3.07	3.33	-0.54	4.03	2.31	-0.03	0.53	1.75	-1.00
		1362	23.51	3.18	-5.57	-1.77	-0.62	4.34	3.12	0.27	0.74	2.65	-1.06
		1381	18.16	7.30	-4.05	3.45	-0.20	5.37	1.42	-0.17	0.27	0.99	-0.71
		1380	17.79	7.22	-5.16	2.16	-0.10	6.09	0.95	-0.43	-0.02	0.54	-0.63
1200	3	1361	4.65	1.05	-1.42	-0.32	-0.04	1.22	0.67	0.18	0.20	0.65	-0.09
		1362	5.24	0.79	-1.92	-1.09	-0.04	1.25	0.79	0.20	0.22	0.77	-0.12
		1381	3.23	1.88	-0.82	0.99	0.07	1.27	0.15	-0.02	0.02	0.12	-0.07
		1380	2.93	1.68	-1.14	0.46	0.08	1.39	0.06	-0.06	-0.04	0.04	-0.04
1200	4	1361	8.07	2.62	-1.44	1.36	-0.19	1.87	0.78	-0.07	0.17	0.54	-0.38
		1362	8.93	1.48	-2.50	-0.79	-0.22	1.97	1.05	0.03	0.23	0.85	-0.41
		1381	7.50	3.14	-1.90	1.27	-0.02	2.43	0.43	-0.17	0.05	0.21	-0.29
		1380	7.55	3.12	-2.37	0.73	0.02	2.72	0.28	-0.26	-0.05	0.07	-0.26
1201	1	1362	13.75	0.84	-3.63	-2.77	-0.03	1.77	2.39	0.71	0.71	2.38	-0.08
		1363	14.78	0.80	-3.67	-2.82	-0.04	1.75	2.59	0.78	0.78	2.59	-0.09
		1382	6.72	4.14	-0.22	3.78	0.14	1.19	0.83	0.23	0.23	0.82	-0.02
		1381	5.27	3.14	-0.48	2.53	0.13	1.36	0.67	0.14	0.15	0.66	0.04
1201	2	1362	22.81	2.47	-4.93	-1.79	-0.67	3.65	3.17	0.30	0.79	2.68	-1.08
		1363	25.98	1.23	-8.15	-6.16	-0.76	3.83	3.95	0.68	1.04	3.59	-1.03
		1382	18.17	7.45	-3.02	4.67	-0.24	4.62	1.80	0.11	0.48	1.44	-0.70
		1381	18.08	7.38	-4.09	3.47	-0.18	5.43	1.39	-0.17	0.23	0.98	-0.68



1201	3	1362	5.14	0.67	-1.82	-1.09	-0.05	1.13	0.79	0.20	0.23	0.77	-0.12
		1363	5.58	0.51	-2.22	-1.64	-0.07	1.11	0.89	0.23	0.26	0.87	-0.12
		1382	3.32	2.09	-0.50	1.51	0.07	1.07	0.22	0.01	0.05	0.18	-0.08
		1381	3.11	1.83	-0.75	1.00	0.08	1.21	0.15	-0.02	9.76e-03	0.11	-0.07
1201	4	1362	8.60	1.19	-2.24	-0.80	-0.24	1.69	1.07	0.04	0.25	0.86	-0.41
		1363	9.55	0.64	-3.55	-2.63	-0.28	1.73	1.32	0.17	0.33	1.16	-0.40
		1382	7.17	3.15	-1.41	1.78	-0.04	2.09	0.55	-0.07	0.13	0.36	-0.28
		1381	7.40	3.13	-1.87	1.28	-0.01	2.42	0.42	-0.17	0.04	0.21	-0.28
1202	1	1363	14.73	0.68	-3.54	-2.81	-0.05	1.59	2.59	0.78	0.79	2.59	-0.10
		1364	15.40	0.60	-3.32	-2.64	-0.08	1.49	2.75	0.84	0.85	2.74	-0.10
		1383	7.81	5.08	-0.03	4.91	0.15	0.94	0.94	0.30	0.30	0.94	-0.04
		1382	6.66	4.10	-0.17	3.79	0.14	1.11	0.82	0.23	0.23	0.82	-0.01
1202	2	1363	25.46	0.68	-7.64	-6.17	-0.78	3.17	3.98	0.68	1.06	3.60	-1.06
		1364	28.50	0.19	-10.83	-9.77	-0.87	3.25	4.69	1.06	1.31	4.43	-0.92
		1383	18.07	7.58	-2.11	5.75	-0.28	3.80	2.14	0.40	0.67	1.87	-0.63
		1382	18.07	7.51	-3.06	4.69	-0.23	4.68	1.78	0.12	0.46	1.44	-0.67
1202	3	1363	5.50	0.41	-2.13	-1.64	-0.07	1.00	0.89	0.24	0.26	0.87	-0.12
		1364	5.79	0.29	-2.40	-2.02	-0.09	0.94	0.97	0.27	0.29	0.95	-0.11
		1383	3.37	2.31	-0.26	1.98	0.07	0.87	0.27	0.05	0.08	0.23	-0.08
		1382	3.22	2.04	-0.44	1.52	0.08	1.01	0.22	0.01	0.05	0.18	-0.08
1202	4	1363	9.30	0.41	-3.34	-2.64	-0.29	1.47	1.33	0.18	0.34	1.17	-0.41
		1364	10.22	0.17	-4.63	-4.13	-0.33	1.46	1.56	0.31	0.43	1.45	-0.35
		1383	6.76	3.14	-0.97	2.23	-0.05	1.71	0.65	0.05	0.20	0.51	-0.26
		1382	7.07	3.13	-1.39	1.78	-0.04	2.07	0.54	-0.06	0.12	0.36	-0.28
1203	1	1364	15.36	0.49	-3.20	-2.63	-0.08	1.33	2.75	0.84	0.85	2.74	-0.10
		1365	15.78	0.37	-2.84	-2.36	-0.11	1.14	2.86	0.89	0.89	2.85	-0.09
		1384	8.63	5.91	0.08	5.83	0.16	0.67	1.02	0.35	0.35	1.02	-0.05
		1383	7.76	5.06	3.93e-03	4.91	0.15	0.85	0.94	0.30	0.30	0.94	-0.04
1203	2	1364	28.10	-0.18	-10.48	-9.78	-0.88	2.60	4.71	1.05	1.32	4.44	-0.95
		1365	31.91	-0.40	-13.13	-12.58	-0.96	2.59	5.29	1.38	1.53	5.15	-0.74
		1384	17.91	7.69	-1.36	6.64	-0.31	2.90	2.40	0.67	0.84	2.23	-0.52
		1383	17.96	7.63	-2.15	5.76	-0.27	3.85	2.12	0.42	0.67	1.87	-0.60
1203	3	1364	5.76	0.21	-2.32	-2.02	-0.09	0.82	0.97	0.27	0.29	0.95	-0.11
		1365	6.19	0.12	-2.49	-2.27	-0.11	0.73	1.02	0.30	0.31	1.01	-0.09
		1384	3.39	2.53	-0.10	2.35	0.07	0.65	0.30	0.08	0.11	0.27	-0.07
		1383	3.28	2.27	-0.22	1.98	0.07	0.80	0.27	0.05	0.08	0.23	-0.08
1203	4	1364	10.02	0.02	-4.48	-4.13	-0.33	1.20	1.57	0.31	0.43	1.45	-0.36
		1365	11.16	-0.10	-5.55	-5.29	-0.36	1.16	1.76	0.44	0.50	1.69	-0.29
		1384	6.33	3.13	-0.60	2.60	-0.06	1.31	0.73	0.16	0.25	0.63	-0.21
		1383	6.65	3.13	-0.95	2.23	-0.05	1.69	0.64	0.06	0.19	0.51	-0.25
1204	1	1365	15.75	0.27	-2.72	-2.35	-0.11	0.99	2.86	0.89	0.89	2.85	-0.09
		1366	16.00	0.10	-2.34	-2.10	-0.13	0.72	2.93	0.92	0.92	2.93	-0.06
		1385	9.19	6.52	0.14	6.50	0.16	0.39	1.07	0.38	0.38	1.07	-0.05
		1384	8.60	5.89	0.10	5.83	0.16	0.58	1.02	0.34	0.35	1.02	-0.05
1204	2	1365	32.09	-0.64	-12.90	-12.58	-0.96	1.94	5.31	1.38	1.53	5.15	-0.77
		1366	35.53	-0.76	-14.84	-14.59	-1.02	1.87	5.74	1.63	1.69	5.68	-0.52
		1385	17.76	7.78	-0.80	7.31	-0.33	1.95	2.59	0.88	0.96	2.51	-0.37
		1384	17.82	7.74	-1.39	6.65	-0.30	2.95	2.39	0.68	0.84	2.24	-0.49
1204	3	1365	6.18	0.05	-2.43	-2.26	-0.11	0.61	1.03	0.30	0.31	1.01	-0.09
		1366	6.47	-0.02	-2.52	-2.42	-0.12	0.49	1.06	0.32	0.33	1.06	-0.07
		1385	3.38	2.70	3.56e-03	2.63	0.07	0.43	0.32	0.11	0.13	0.30	-0.05
		1384	3.32	2.50	-0.07	2.36	0.07	0.58	0.30	0.08	0.11	0.27	-0.07
1204	4	1365	11.22	-0.20	-5.45	-5.30	-0.36	0.90	1.76	0.43	0.50	1.69	-0.30
		1366	12.50	-0.26	-6.24	-6.12	-0.38	0.83	1.90	0.53	0.56	1.87	-0.20
		1385	5.95	3.12	-0.32	2.87	-0.07	0.89	0.78	0.25	0.30	0.73	-0.15
		1384	6.24	3.12	-0.58	2.60	-0.06	1.29	0.72	0.17	0.25	0.63	-0.20
1205	1	1366	15.99	0.02	-2.25	-2.09	-0.13	0.57	2.93	0.92	0.92	2.93	-0.07
		1367	16.11	-0.11	-2.00	-1.96	-0.15	0.25	2.96	0.94	0.94	2.96	-0.04
		1386	9.49	6.87	0.16	6.87	0.16	0.11	1.10	0.40	0.40	1.10	-0.03
		1385	9.17	6.51	0.15	6.50	0.16	0.31	1.07	0.38	0.38	1.07	-0.04
1205	2	1366	35.65	-0.91	-14.70	-14.59	-1.02	1.22	5.75	1.62	1.70	5.68	-0.55
		1367	37.75	-0.97	-15.88	-15.80	-1.05	1.11	6.02	1.78	1.80	6.01	-0.26
		1386	17.64	7.84	-0.45	7.73	-0.34	0.97	2.71	1.01	1.03	2.68	-0.20
		1385	17.69	7.81	-0.82	7.32	-0.32	2.00	2.58	0.89	0.96	2.51	-0.34
1205	3	1366	6.46	-0.06	-2.48	-2.42	-0.12	0.38	1.06	0.32	0.33	1.06	-0.07
		1367	6.63	-0.11	-2.54	-2.52	-0.13	0.23	1.08	0.34	0.34	1.08	-0.03
		1386	3.36	2.80	0.06	2.79	0.07	0.20	0.33	0.13	0.14	0.32	-0.03
		1385	3.33	2.68	0.02	2.63	0.07	0.36	0.32	0.11	0.13	0.30	-0.05
1205	4	1366	12.54	-0.33	-6.18	-6.12	-0.38	0.57	1.91	0.52	0.56	1.87	-0.21
		1367	13.32	-0.36	-6.66	-6.62	-0.40	0.48	1.99	0.58	0.59	1.98	-0.10
		1386	5.67	3.11	-0.14	3.04	-0.08	0.45	0.80	0.31	0.33	0.79	-0.08
		1385	5.88	3.11	-0.31	2.87	-0.07	0.86	0.77	0.26	0.30	0.73	-0.14
1206	1	1367	16.11	-0.14	-1.96	-1.96	-0.15	0.10	2.96	0.94	0.94	2.96	-0.04
		1368	16.14	-0.11	-2.04	-2.01	-0.14	-0.24	2.96	0.94	0.94	2.96	-6.11e-03
		1387	9.53	6.93	0.16	6.93	0.17	-0.17	1.11	0.41	0.41	1.11	-0.02
1206	2	1386	9.49	6.87	0.16	6.87	0.16	0.02	1.10	0.40	0.40	1.10	-0.03
		1367	37.81	-1.04	-15.81	-15.80	-1.06	0.46	6.03	1.78	1.80	6.01	-0.29



		1368	38.51	-1.06	-16.20	-16.20	-1.07	0.32	6.12	1.83	1.83	6.12	0.01
		1387	17.59	7.87	-0.34	7.87	-0.34	-0.02	2.74	1.06	1.06	2.74	-0.01
		1386	17.61	7.86	-0.47	7.73	-0.34	1.02	2.70	1.02	1.03	2.68	-0.17
1206	3	1367	6.64	-0.12	-2.52	-2.52	-0.13	0.12	1.09	0.34	0.34	1.08	-0.04
		1368	6.69	-0.13	-2.58	-2.58	-0.13	-0.04	1.09	0.34	0.34	1.09	-8.35e-04
		1387	3.33	2.82	0.07	2.82	0.07	-0.03	0.32	0.14	0.14	0.32	-5.69e-03
		1386	3.34	2.80	0.07	2.79	0.07	0.13	0.32	0.13	0.14	0.32	-0.03
1206	4	1367	13.34	-0.39	-6.63	-6.62	-0.40	0.22	1.99	0.58	0.59	1.98	-0.11
		1368	13.60	-0.40	-6.79	-6.78	-0.40	0.13	2.02	0.60	0.60	2.02	5.27e-03
		1387	5.56	3.10	-0.08	3.10	-0.08	0.01	0.81	0.33	0.33	0.81	-4.84e-03
		1386	5.64	3.10	-0.13	3.04	-0.08	0.43	0.80	0.32	0.33	0.79	-0.07
1207	1	1368	16.15	-0.07	-2.09	-2.01	-0.14	-0.39	2.96	0.94	0.94	2.96	-0.01
		1369	16.09	0.09	-2.46	-2.24	-0.13	-0.71	2.93	0.93	0.93	2.93	0.03
		1388	9.31	6.70	0.13	6.67	0.16	-0.45	1.09	0.40	0.40	1.09	1.91e-03
		1387	9.53	6.94	0.16	6.93	0.17	-0.26	1.11	0.41	0.41	1.11	-0.01
1207	2	1368	38.51	-1.06	-16.20	-16.20	-1.07	-0.32	6.12	1.83	1.83	6.12	-0.01
		1369	37.81	-1.04	-15.81	-15.80	-1.06	-0.46	6.03	1.78	1.80	6.01	0.29
		1388	17.61	7.86	-0.47	7.73	-0.34	-1.02	2.70	1.02	1.03	2.68	0.17
		1387	17.59	7.87	-0.34	7.87	-0.34	0.02	2.74	1.06	1.06	2.74	0.01
1207	3	1368	6.70	-0.12	-2.59	-2.58	-0.13	-0.15	1.09	0.34	0.34	1.09	-4.07e-03
		1369	6.64	-0.09	-2.64	-2.60	-0.12	-0.30	1.08	0.33	0.33	1.07	0.03
		1388	3.30	2.75	0.05	2.73	0.07	-0.26	0.32	0.13	0.14	0.32	0.02
		1387	3.34	2.83	0.07	2.82	0.07	-0.10	0.32	0.14	0.14	0.32	-2.73e-03
1207	4	1368	13.60	-0.40	-6.79	-6.78	-0.40	-0.13	2.02	0.60	0.60	2.02	-5.27e-03
		1369	13.34	-0.39	-6.63	-6.62	-0.40	-0.22	1.99	0.58	0.59	1.98	0.11
		1388	5.64	3.10	-0.13	3.04	-0.08	-0.43	0.80	0.32	0.33	0.79	0.07
		1387	5.56	3.10	-0.08	3.10	-0.08	-0.01	0.81	0.33	0.33	0.81	4.84e-03
1208	1	1369	16.11	0.18	-2.55	-2.25	-0.13	-0.86	2.93	0.92	0.92	2.93	0.02
		1370	15.95	0.33	-3.02	-2.60	-0.10	-1.12	2.87	0.90	0.90	2.87	0.06
		1389	8.86	6.20	0.08	6.11	0.16	-0.72	1.05	0.37	0.37	1.05	0.02
		1388	9.33	6.71	0.12	6.66	0.16	-0.53	1.09	0.40	0.40	1.09	5.99e-03
1208	2	1369	37.75	-0.97	-15.88	-15.80	-1.05	-1.11	6.02	1.78	1.80	6.01	0.26
		1370	35.65	-0.91	-14.70	-14.59	-1.02	-1.22	5.75	1.62	1.70	5.68	0.55
		1389	17.69	7.81	-0.82	7.32	-0.32	-2.00	2.58	0.89	0.96	2.51	0.34
		1388	17.64	7.84	-0.45	7.73	-0.34	-0.97	2.71	1.01	1.03	2.68	0.20
1208	3	1369	6.66	-0.06	-2.67	-2.60	-0.12	-0.41	1.07	0.33	0.33	1.07	0.03
		1370	6.48	2.64e-03	-2.68	-2.57	-0.11	-0.54	1.05	0.32	0.32	1.04	0.06
		1389	3.28	2.61	-0.02	2.52	0.07	-0.48	0.31	0.11	0.12	0.30	0.04
		1388	3.33	2.77	0.03	2.73	0.07	-0.32	0.32	0.13	0.14	0.32	0.02
1208	4	1369	13.32	-0.36	-6.66	-6.62	-0.40	-0.48	1.99	0.58	0.59	1.98	0.10
		1370	12.54	-0.33	-6.18	-6.12	-0.38	-0.57	1.91	0.52	0.56	1.87	0.21
		1389	5.88	3.11	-0.31	2.87	-0.07	-0.86	0.77	0.26	0.30	0.73	0.14
		1388	5.67	3.11	-0.14	3.04	-0.08	-0.45	0.80	0.31	0.33	0.79	0.08
1209	1	1370	15.98	0.43	-3.14	-2.61	-0.10	-1.27	2.87	0.90	0.90	2.87	0.05
		1371	15.67	0.53	-3.58	-2.98	-0.07	-1.45	2.77	0.86	0.86	2.77	0.08
		1390	8.20	5.49	-0.02	5.31	0.16	-0.98	0.99	0.34	0.34	0.99	0.03
		1389	8.89	6.22	0.05	6.11	0.16	-0.80	1.05	0.37	0.37	1.05	0.02
1209	2	1370	35.53	-0.76	-14.84	-14.59	-1.02	-1.87	5.74	1.63	1.69	5.68	0.52
		1371	32.09	-0.64	-12.90	-12.58	-0.96	-1.94	5.31	1.38	1.53	5.15	0.77
		1390	17.82	7.74	-1.39	6.65	-0.30	-2.95	2.39	0.68	0.84	2.24	0.49
		1389	17.76	7.78	-0.80	7.31	-0.33	-1.95	2.59	0.88	0.96	2.51	0.37
1209	3	1370	6.50	0.05	-2.73	-2.57	-0.11	-0.65	1.04	0.32	0.32	1.04	0.06
		1371	6.19	0.12	-2.67	-2.45	-0.09	-0.75	1.00	0.29	0.30	0.99	0.09
		1390	3.26	2.41	-0.14	2.20	0.07	-0.70	0.29	0.08	0.11	0.26	0.06
		1389	3.33	2.63	-0.04	2.52	0.07	-0.55	0.31	0.11	0.13	0.30	0.05
1209	4	1370	12.50	-0.26	-6.24	-6.12	-0.38	-0.83	1.90	0.53	0.56	1.87	0.20
		1371	11.22	-0.20	-5.45	-5.30	-0.36	-0.90	1.76	0.43	0.50	1.69	0.30
		1390	6.24	3.12	-0.58	2.60	-0.06	-1.29	0.72	0.17	0.25	0.63	0.20
		1389	5.95	3.12	-0.32	2.87	-0.07	-0.89	0.78	0.25	0.30	0.73	0.15
1210	1	1371	15.72	0.64	-3.70	-2.99	-0.07	-1.60	2.77	0.85	0.86	2.77	0.08
		1372	15.21	0.70	-4.00	-3.26	-0.04	-1.70	2.65	0.80	0.81	2.64	0.09
		1391	7.34	4.65	-0.18	4.32	0.15	-1.22	0.90	0.28	0.28	0.90	0.02
		1390	8.24	5.52	-0.06	5.31	0.16	-1.06	0.99	0.34	0.34	0.99	0.03
1210	2	1371	31.91	-0.40	-13.13	-12.58	-0.96	-2.59	5.29	1.38	1.53	5.15	0.74
		1372	28.10	-0.18	-10.48	-9.78	-0.88	-2.60	4.71	1.05	1.32	4.44	0.95
		1391	17.96	7.63	-2.15	5.76	-0.27	-3.85	2.12	0.42	0.67	1.87	0.60
		1390	17.91	7.69	-1.36	6.64	-0.31	-2.90	2.40	0.67	0.84	2.23	0.52
1210	3	1371	6.21	0.19	-2.74	-2.45	-0.09	-0.86	1.00	0.29	0.30	0.99	0.09
		1372	5.74	0.27	-2.56	-2.21	-0.08	-0.93	0.94	0.26	0.28	0.92	0.11
		1391	3.26	2.19	-0.32	1.80	0.07	-0.91	0.25	0.05	0.08	0.22	0.08
		1390	3.34	2.45	-0.17	2.20	0.07	-0.77	0.29	0.08	0.11	0.26	0.07
1210	4	1371	11.16	-0.10	-5.55	-5.29	-0.36	-1.16	1.76	0.44	0.50	1.69	0.29
		1372	10.02	0.02	-4.48	-4.13	-0.33	-1.20	1.57	0.31	0.43	1.45	0.36
		1391	6.65	3.13	-0.95	2.23	-0.05	-1.69	0.64	0.06	0.19	0.51	0.25
		1390	6.33	3.13	-0.60	2.60	-0.06	-1.31	0.73	0.16	0.25	0.63	0.21
1211	1	1372	15.26	0.81	-4.12	-3.27	-0.03	-1.86	2.65	0.80	0.81	2.64	0.09
		1373	14.46	0.84	-4.18	-3.34	-0.01	-1.88	2.48	0.74	0.75	2.47	0.10



		1392	6.28	3.77	-0.44	3.18	0.14	-1.46	0.78	0.22	0.22	0.78	6.05e-03
		1391	7.40	4.69	-0.23	4.31	0.15	-1.31	0.90	0.29	0.29	0.90	0.03
1211	2	1372	28.50	0.19	-10.83	-9.77	-0.87	-3.25	4.69	1.06	1.31	4.43	0.92
		1373	25.46	0.68	-7.64	-6.17	-0.78	-3.17	3.98	0.68	1.06	3.60	1.06
		1392	18.07	7.51	-3.06	4.69	-0.23	-4.68	1.78	0.12	0.46	1.44	0.67
		1391	18.07	7.58	-2.11	5.75	-0.28	-3.80	2.14	0.40	0.67	1.87	0.63
1211	3	1372	5.77	0.35	-2.64	-2.21	-0.08	-1.05	0.94	0.26	0.28	0.92	0.11
		1373	5.44	0.46	-2.32	-1.80	-0.06	-1.08	0.86	0.22	0.25	0.83	0.12
		1392	3.24	1.99	-0.57	1.34	0.08	-1.11	0.21	7.19e-03	0.05	0.17	0.08
		1391	3.35	2.24	-0.37	1.80	0.07	-0.98	0.26	0.05	0.08	0.22	0.08
1211	4	1372	10.22	0.17	-4.63	-4.13	-0.33	-1.46	1.56	0.31	0.43	1.45	0.35
		1373	9.30	0.41	-3.34	-2.64	-0.29	-1.47	1.33	0.18	0.34	1.17	0.41
		1392	7.07	3.13	-1.39	1.78	-0.04	-2.07	0.54	-0.06	0.12	0.36	0.28
		1391	6.76	3.14	-0.97	2.23	-0.05	-1.71	0.65	0.05	0.20	0.51	0.26
1212	1	1373	14.52	0.96	-4.31	-3.34	-4.75e-03	-2.04	2.48	0.74	0.74	2.47	0.09
		1374	13.36	0.97	-4.06	-3.09	7.81e-04	-1.99	2.26	0.67	0.67	2.26	0.08
		1393	5.01	2.97	-0.88	1.96	0.14	-1.69	0.63	0.13	0.13	0.63	-0.04
		1392	6.36	3.82	-0.51	3.17	0.14	-1.55	0.79	0.22	0.22	0.79	9.51e-03
1212	2	1373	25.98	1.23	-8.15	-6.16	-0.76	-3.83	3.95	0.68	1.04	3.59	1.03
		1374	22.81	2.47	-4.93	-1.79	-0.67	-3.65	3.17	0.30	0.79	2.68	1.08
		1393	18.08	7.38	-4.09	3.47	-0.18	-5.43	1.39	-0.17	0.23	0.98	0.68
		1392	18.17	7.45	-3.02	4.67	-0.24	-4.62	1.80	0.11	0.48	1.44	0.70
1212	3	1373	5.54	0.55	-2.41	-1.80	-0.06	-1.20	0.86	0.22	0.24	0.83	0.12
		1374	5.07	0.71	-1.94	-1.19	-0.04	-1.20	0.76	0.19	0.22	0.73	0.12
		1393	3.20	1.81	-0.91	0.83	0.08	-1.31	0.14	-0.03	6.28e-03	0.10	0.07
		1392	3.35	2.04	-0.63	1.33	0.07	-1.18	0.21	7.65e-03	0.05	0.17	0.08
1212	4	1373	9.55	0.64	-3.55	-2.63	-0.28	-1.73	1.32	0.17	0.33	1.16	0.40
		1374	8.60	1.19	-2.24	-0.80	-0.24	-1.69	1.07	0.04	0.25	0.86	0.41
		1393	7.40	3.13	-1.87	1.28	-0.01	-2.42	0.42	-0.17	0.04	0.21	0.28
		1392	7.17	3.15	-1.41	1.78	-0.04	-2.09	0.55	-0.07	0.13	0.36	0.28
1213	1	1374	13.44	1.12	-4.18	-3.09	0.02	-2.15	2.26	0.66	0.66	2.25	0.08
		1375	11.82	1.12	-3.58	-2.44	-0.02	-2.02	1.99	0.59	0.59	1.99	0.04
		1394	5.01	2.36	-1.54	0.73	0.10	-1.92	0.44	-2.06e-03	0.03	0.42	-0.11
		1393	5.13	3.03	-0.98	1.93	0.12	-1.79	0.63	0.14	0.14	0.63	-0.03
1213	2	1374	23.51	3.18	-5.57	-1.77	-0.62	-4.34	3.12	0.27	0.74	2.65	1.06
		1375	20.63	5.87	-3.07	3.33	-0.54	-4.03	2.31	-0.03	0.53	1.75	1.00
		1394	17.79	7.22	-5.16	2.16	-0.10	-6.09	0.95	-0.43	-0.02	0.54	0.63
		1393	18.16	7.30	-4.05	3.45	-0.20	-5.37	1.42	-0.17	0.27	0.99	0.71
1213	3	1374	5.18	0.83	-2.05	-1.18	-0.03	-1.32	0.75	0.18	0.21	0.73	0.12
		1375	4.57	1.10	-1.47	-0.34	-0.03	-1.28	0.64	0.16	0.18	0.61	0.10
		1394	3.08	1.69	-1.30	0.31	0.08	-1.49	0.05	-0.06	-0.04	0.03	0.04
		1393	3.32	1.87	-0.98	0.82	0.07	-1.37	0.14	-0.03	0.01	0.10	0.07
1213	4	1374	8.93	1.48	-2.50	-0.79	-0.22	-1.97	1.05	0.03	0.23	0.85	0.41
		1375	8.07	2.62	-1.44	1.36	-0.19	-1.87	0.78	-0.07	0.17	0.54	0.38
		1394	7.55	3.12	-2.37	0.73	0.02	-2.72	0.28	-0.26	-0.05	0.07	0.26
		1393	7.50	3.14	-1.90	1.27	-0.02	-2.43	0.43	-0.17	0.05	0.21	0.29
1214	1	1375	11.99	1.31	-3.69	-2.40	0.02	-2.19	1.98	0.55	0.55	1.98	0.04
		1376	9.76	1.25	-2.64	-1.25	-0.13	-1.86	1.66	0.51	0.51	1.66	-0.04
		1395	6.44	2.03	-2.39	-0.29	-0.08	-2.21	0.28	-0.27	-0.14	0.15	-0.23
		1394	5.02	2.40	-1.70	0.63	0.07	-2.03	0.45	0.03	0.06	0.43	-0.09
1214	2	1375	21.70	6.61	-3.67	3.39	-0.44	-4.77	2.24	-0.14	0.39	1.71	0.99
		1376	19.31	10.71	-1.97	9.09	-0.35	-4.23	1.48	-0.26	0.35	0.87	0.83
		1395	16.75	7.02	-6.21	0.87	-0.07	-6.60	0.47	-0.59	-0.29	0.16	0.48
		1394	17.94	7.11	-5.16	2.09	-0.13	-6.03	1.03	-0.38	0.08	0.57	0.66
1214	3	1375	4.71	1.25	-1.59	-0.33	-7.97e-03	-1.41	0.63	0.13	0.15	0.61	0.10
		1376	3.93	1.70	-0.97	0.77	-0.04	-1.27	0.48	0.15	0.16	0.47	0.05
		1395	3.11	1.61	-1.74	-0.15	0.02	-1.67	-0.03	-0.11	-0.11	-0.04	-0.01
		1394	3.25	1.73	-1.39	0.27	0.07	-1.56	0.07	-0.05	-0.02	0.04	0.05
1214	4	1375	8.56	2.93	-1.69	1.39	-0.15	-2.17	0.75	-0.12	0.10	0.52	0.38
		1376	7.83	4.65	-0.92	3.83	-0.11	-1.97	0.49	-0.14	0.11	0.24	0.31
		1395	7.28	3.09	-2.86	0.20	0.03	-2.97	0.11	-0.30	-0.15	-0.03	0.20
		1394	7.67	3.12	-2.41	0.70	7.35e-03	-2.74	0.31	-0.24	-0.01	0.08	0.27
1215	1	1376	10.23	1.50	-2.74	-1.15	-0.09	-2.06	1.66	0.37	0.38	1.66	-0.05
		1377	6.72	1.49	-1.21	0.58	-0.29	-1.28	1.12	0.39	0.44	1.06	-0.19
		1396	10.02	2.15	-2.97	-0.30	-0.52	-2.56	0.34	-0.74	-0.37	-0.03	-0.51
		1395	6.13	2.02	-2.67	-0.56	-0.10	-2.33	0.25	-0.19	-0.10	0.16	-0.18
1215	2	1376	21.36	11.43	-2.42	9.18	-0.17	-5.11	1.19	-0.61	-0.12	0.70	0.80
		1377	18.69	16.32	-1.06	15.35	-0.10	-3.99	0.82	-0.54	0.37	-0.09	0.64
		1396	13.15	6.32	-7.07	-0.23	-0.52	-6.70	-0.04	-0.49	-0.45	-0.08	0.13
		1395	17.36	6.92	-6.17	0.71	0.03	-6.54	0.71	-0.48	-0.09	0.31	0.56
1215	3	1376	4.20	1.89	-1.08	0.81	-2.54e-03	-1.43	0.45	0.05	0.05	0.45	0.05
		1377	3.34	2.60	-0.49	2.19	-0.08	-1.05	0.23	0.16	0.16	0.23	-5.97e-03
		1396	4.73	1.57	-2.06	-0.26	-0.22	-1.81	0.03	-0.27	-0.17	-0.06	-0.14
		1395	3.15	1.65	-1.86	-0.25	0.04	-1.75	-9.49e-03	-0.07	-0.07	-0.01	0.01
1215	4	1376	8.75	4.96	-1.12	3.87	-0.03	-2.34	0.36	-0.29	-0.10	0.16	0.30
		1377	7.85	7.06	-0.50	6.57	-0.02	-1.85	0.29	-0.26	0.14	-0.11	0.24
		1396	5.83	2.81	-3.27	-0.24	-0.22	-3.04	-0.06	-0.21	-0.19	-0.08	0.05



		1395	7.60	3.10	-2.89	0.13	0.08	-2.99	0.22	-0.25	-0.06	0.03	0.23
1216	1	1377	7.21	1.26	-0.74	0.40	0.12	-0.99	0.94	-0.20	-0.11	0.86	-0.29
		192	9.98	4.14	-2.36	3.83	-2.06	-1.37	0.48	-0.36	0.38	-0.26	-0.27
		280	13.34	3.77	-2.47	1.13	0.17	-3.08	1.16	-0.30	0.39	0.47	-0.73
		1396	9.80	2.12	-3.16	-0.20	-0.84	-2.62	0.31	-0.74	-0.44	3.42e-03	-0.47
1216	2	1377	23.62	14.97	-0.18	14.07	0.73	-3.59	-0.66	-1.80	-1.51	-0.95	0.50
		192	41.37	27.48	-6.26	26.47	-5.25	-5.74	1.07	-1.13	1.07	-1.13	0.05
		280	18.15	6.62	-9.53	-3.78	0.87	-7.73	1.54	0.32	0.41	1.45	0.32
		1396	16.27	6.57	-6.82	0.91	-1.16	-6.61	0.28	-0.66	-0.43	0.04	0.41
1216	3	1377	3.75	2.31	-0.18	1.95	0.18	-0.88	0.07	-0.28	-0.27	0.06	-0.06
		192	8.88	5.03	-1.73	4.79	-1.49	-1.24	0.28	-0.28	0.27	-0.26	-0.08
		280	5.84	2.09	-2.22	-0.18	0.04	-2.15	0.48	0.12	0.23	0.37	-0.17
		1396	4.27	1.63	-2.11	-0.07	-0.41	-1.86	-1.90e-03	-0.24	-0.20	-0.04	-0.09
1216	4	1377	10.06	6.45	-0.09	6.00	0.36	-1.65	-0.38	-0.78	-0.68	-0.48	0.17
		192	18.28	11.94	-2.88	11.50	-2.44	-2.53	0.47	-0.52	0.47	-0.52	0.01
		280	8.30	2.96	-4.34	-1.63	0.25	-3.53	0.70	0.20	0.24	0.66	0.14
		1396	7.27	2.95	-3.19	0.26	-0.50	-3.04	0.08	-0.31	-0.20	-0.03	0.17
1217	1	134	13.40	3.67	-1.80	1.98	-0.11	2.53	0.91	-0.76	0.16	-0.01	0.83
		1378	9.57	2.63	-2.62	1.02	-1.02	2.42	0.58	-0.62	-0.35	0.30	0.50
		1397	14.48	1.61	-6.23	-4.94	0.32	2.90	-1.24	-1.91	-1.40	-1.75	0.28
		314	16.00	7.13	-5.27	0.85	1.02	6.20	0.71	-0.27	0.20	0.24	0.49
1217	2	134	15.87	6.07	-7.87	-2.02	0.22	6.88	-0.35	-1.08	-0.49	-0.94	-0.29
		1378	16.16	6.29	-6.86	0.21	-0.78	6.55	0.62	-0.34	-0.06	0.34	-0.43
		1397	18.85	-0.66	-14.85	-13.52	-1.99	4.14	0.88	-0.03	0.47	0.38	-0.45
		314	31.26	0.58	-22.36	-22.27	0.50	1.40	1.19	-0.79	-0.76	1.16	-0.24
1217	3	134	5.58	2.03	-1.80	0.38	-0.15	1.90	0.15	-0.29	0.02	-0.15	0.20
		1378	4.08	1.67	-1.96	0.13	-0.43	1.79	0.13	-0.15	-0.11	0.10	0.09
		1397	5.39	0.51	-4.16	-3.49	-0.16	1.64	-0.30	-0.44	-0.30	-0.44	-2.65e-03
		314	7.04	1.53	-4.29	-3.11	0.35	2.34	0.29	-0.09	-0.05	0.25	0.12
1217	4	134	7.24	2.78	-3.64	-0.81	-0.05	3.19	-0.12	-0.48	-0.18	-0.42	-0.13
		1378	7.25	2.79	-3.25	-0.11	-0.36	3.02	0.24	-0.16	-0.03	0.11	-0.19
		1397	8.87	-0.17	-6.71	-6.03	-0.85	2.00	0.44	-4.09e-03	0.25	0.19	-0.22
		314	13.98	0.28	-10.04	-9.96	0.20	0.92	0.54	-0.35	-0.34	0.53	-0.10
1218	1	1378	9.36	1.92	-3.17	-0.40	-0.85	2.54	0.33	-0.68	-0.43	0.09	0.43
		1379	5.86	2.10	-1.80	0.34	-0.04	1.94	0.28	-0.24	-0.10	0.14	0.23
		1398	7.89	0.25	-0.69	-0.42	-0.02	0.42	-0.55	-1.42	-0.75	-1.22	0.36
		1397	10.10	2.00	-3.06	-2.10	1.04	1.99	-0.65	-1.56	-0.82	-1.40	0.35
1218	2	1378	13.81	6.00	-7.16	-0.70	-0.46	6.58	0.33	-0.37	-0.30	0.26	-0.21
		1379	16.82	6.91	-5.88	1.12	-0.10	6.37	0.48	-0.64	-0.28	0.11	-0.53
		1398	13.68	1.66	-9.03	-7.51	0.13	3.74	0.09	-0.95	-0.42	-0.44	-0.52
		1397	16.98	0.76	-13.85	-12.84	-0.25	3.70	0.20	-1.04	-0.75	-0.09	-0.53
1218	3	1378	4.45	1.47	-2.13	-0.34	-0.32	1.80	0.07	-0.22	-0.16	0.02	0.11
		1379	2.87	1.63	-1.58	0.04	0.01	1.61	-0.05	-0.10	-0.10	-0.05	5.14e-03
		1398	3.39	0.44	-1.73	-1.37	0.08	0.81	-0.28	-0.50	-0.28	-0.50	0.02
		1397	4.64	0.76	-3.13	-2.65	0.29	1.27	-0.34	-0.43	-0.34	-0.43	3.65e-03
1218	4	1378	6.07	2.68	-3.32	-0.42	-0.21	3.00	0.10	-0.15	-0.13	0.07	-0.08
		1379	7.41	3.05	-2.79	0.27	-6.47e-03	2.92	0.12	-0.33	-0.15	-0.05	-0.22
		1398	6.67	0.86	-4.21	-3.47	0.12	1.80	0.02	-0.47	-0.18	-0.27	-0.24
		1397	7.60	0.41	-6.34	-5.84	-0.09	1.78	0.11	-0.47	-0.32	-0.04	-0.26
1219	1	1379	6.04	1.80	-2.30	-0.23	-0.27	2.05	0.31	-0.24	-0.14	0.20	0.22
		1380	4.63	2.36	-1.01	1.22	0.13	1.60	0.46	0.01	0.05	0.43	0.12
		1399	6.78	4.11	2.56e-03	4.10	0.01	0.19	-0.35	-0.98	-0.43	-0.90	0.22
		1398	7.44	0.98	0.41	0.97	0.42	0.05	-0.51	-1.35	-0.66	-1.20	0.32
1219	2	1379	17.02	6.73	-6.28	0.72	-0.26	6.49	0.62	-0.52	-0.16	0.26	-0.53
		1380	17.62	7.06	-5.11	2.03	-0.08	5.99	0.93	-0.45	-0.03	0.51	-0.64
		1399	11.56	3.55	-2.42	1.05	0.08	2.94	0.17	-1.01	-0.30	-0.54	-0.58
		1398	12.07	1.47	-7.89	-6.75	0.33	3.05	-0.04	-1.08	-0.61	-0.51	-0.52
1219	3	1379	2.91	1.50	-1.73	-0.16	-0.07	1.61	-6.97e-03	-0.09	-0.09	-7.19e-03	4.16e-03
		1380	2.96	1.68	-1.18	0.43	0.06	1.42	0.05	-0.06	-0.04	0.03	-0.04
		1399	2.94	1.35	-0.24	1.04	0.07	0.63	-0.20	-0.47	-0.20	-0.47	-0.02
		1398	3.06	0.46	-1.13	-0.89	0.21	0.58	-0.29	-0.50	-0.29	-0.50	5.49e-03
1219	4	1379	7.37	2.96	-2.91	0.12	-0.07	2.93	0.18	-0.27	-0.09	9.32e-03	-0.22
		1380	7.55	3.08	-2.41	0.67	4.75e-03	2.72	0.27	-0.27	-0.06	0.06	-0.26
		1399	5.56	1.56	-1.33	0.13	0.09	1.45	0.01	-0.54	-0.16	-0.36	-0.26
		1398	5.92	0.74	-3.73	-3.18	0.19	1.47	-0.05	-0.53	-0.28	-0.30	-0.24
1220	1	1380	4.64	2.24	-1.15	1.11	-0.02	1.60	0.50	0.02	0.05	0.47	0.12
		1381	5.32	3.14	-0.56	2.48	0.10	1.42	0.66	0.14	0.14	0.66	0.04
		1400	8.42	7.15	0.14	7.15	0.14	0.04	-0.31	-0.79	-0.33	-0.77	0.10
		1399	7.10	4.25	0.21	4.25	0.21	-0.07	-0.43	-1.03	-0.51	-0.95	0.21
1220	2	1380	17.70	6.91	-5.05	2.04	-0.18	5.88	1.01	-0.41	0.04	0.56	-0.66
		1381	18.03	7.26	-4.10	3.38	-0.22	5.38	1.38	-0.19	0.22	0.97	-0.69
		1400	13.33	8.77	-0.66	7.98	0.13	2.61	0.27	-0.96	-0.18	-0.50	-0.59
		1399	11.12	3.42	-2.20	1.04	0.17	2.78	0.06	-1.05	-0.41	-0.58	-0.55
1220	3	1380	2.92	1.59	-1.19	0.40	0.01	1.38	0.07	-0.05	-0.03	0.05	-0.04
		1381	3.20	1.84	-0.84	0.96	0.04	1.26	0.15	-0.03	5.78e-03	0.11	-0.07
		1400	3.82	2.90	0.02	2.80	0.12	0.52	-0.16	-0.45	-0.16	-0.44	-0.05
		1399	3.02	1.28	-0.06	1.08	0.14	0.48	-0.24	-0.49	-0.24	-0.49	-0.02



1220	4	1380	7.51	2.98	-2.35	0.67	-0.04	2.64	0.30	-0.25	-0.03	0.08	-0.27
		1381	7.45	3.10	-1.93	1.23	-0.06	2.43	0.42	-0.18	0.03	0.20	-0.28
		1400	5.89	3.53	-0.37	3.05	0.11	1.28	0.04	-0.53	-0.12	-0.37	-0.26
		1399	5.27	1.45	-1.19	0.13	0.13	1.32	-0.03	-0.55	-0.21	-0.38	-0.25
1221	1	1381	5.27	3.05	-0.53	2.46	0.06	1.33	0.67	0.15	0.15	0.67	0.04
		1382	6.74	4.09	-0.26	3.74	0.09	1.19	0.82	0.23	0.23	0.82	-0.01
		1401	10.63	9.64	0.17	9.64	0.17	-8.55e-03	-0.25	-0.68	-0.25	-0.68	0.03
		1400	8.29	7.19	0.18	7.19	0.19	-0.13	-0.34	-0.81	-0.37	-0.79	0.10
1221	2	1381	17.98	7.09	-3.98	3.35	-0.24	5.24	1.42	-0.18	0.26	0.99	-0.71
		1382	18.07	7.40	-3.08	4.59	-0.27	4.65	1.78	0.11	0.46	1.44	-0.68
		1401	16.48	14.49	-0.22	14.15	0.13	2.23	0.37	-0.82	-0.04	-0.41	-0.57
		1400	13.08	8.73	-0.54	8.03	0.16	2.44	0.22	-0.95	-0.22	-0.51	-0.57
1221	3	1381	3.09	1.76	-0.78	0.95	0.02	1.18	0.15	-0.02	0.02	0.12	-0.07
		1382	3.31	2.05	-0.53	1.48	0.03	1.07	0.22	9.19e-03	0.05	0.18	-0.08
		1401	5.12	4.34	0.08	4.29	0.12	0.43	-0.11	-0.43	-0.13	-0.41	-0.06
		1400	3.75	2.88	0.08	2.82	0.13	0.40	-0.17	-0.46	-0.18	-0.45	-0.05
1221	4	1381	7.36	3.01	-1.85	1.22	-0.06	2.34	0.43	-0.18	0.05	0.21	-0.29
		1382	7.13	3.11	-1.45	1.73	-0.08	2.09	0.54	-0.07	0.12	0.36	-0.28
		1401	6.88	5.84	-0.10	5.63	0.11	1.09	0.08	-0.48	-0.07	-0.33	-0.24
		1400	5.70	3.47	-0.28	3.07	0.12	1.16	0.02	-0.53	-0.14	-0.37	-0.25
1222	1	1382	6.67	4.03	-0.22	3.73	0.08	1.08	0.83	0.23	0.23	0.83	-0.01
		1383	7.84	5.04	-0.09	4.86	0.09	0.94	0.94	0.29	0.30	0.94	-0.04
		1402	12.66	11.66	0.18	11.66	0.18	-0.04	-0.18	-0.61	-0.18	-0.61	-7.68e-03
		1401	10.58	9.66	0.18	9.66	0.18	-0.17	-0.26	-0.68	-0.27	-0.68	0.03
1222	2	1382	18.00	7.25	-2.97	4.57	-0.28	4.50	1.81	0.11	0.47	1.44	-0.69
		1383	17.99	7.53	-2.18	5.66	-0.31	3.83	2.13	0.41	0.66	1.87	-0.61
		1402	20.95	19.54	-0.04	19.37	0.13	1.82	0.44	-0.65	0.10	-0.30	-0.51
		1401	16.33	14.49	-0.15	14.19	0.15	2.07	0.35	-0.81	-0.05	-0.41	-0.55
1222	3	1382	3.21	1.98	-0.48	1.48	0.02	0.99	0.22	0.01	0.05	0.18	-0.08
		1383	3.37	2.27	-0.31	1.94	0.03	0.86	0.27	0.05	0.08	0.23	-0.08
		1402	6.32	5.54	0.10	5.51	0.13	0.34	-0.08	-0.40	-0.10	-0.38	-0.07
		1401	5.10	4.33	0.11	4.30	0.13	0.31	-0.12	-0.43	-0.13	-0.41	-0.06
1222	4	1382	7.04	3.02	-1.37	1.72	-0.08	2.00	0.55	-0.07	0.12	0.36	-0.28
		1383	6.73	3.10	-1.02	2.18	-0.09	1.72	0.65	0.05	0.19	0.51	-0.25
		1402	8.69	7.90	7.60e-03	7.80	0.11	0.90	0.10	-0.41	-0.01	-0.29	-0.21
		1401	6.76	5.81	-0.05	5.64	0.12	0.97	0.07	-0.47	-0.07	-0.33	-0.24
1223	1	1383	7.79	5.00	-0.06	4.86	0.08	0.83	0.94	0.30	0.30	0.94	-0.04
		1384	8.67	5.87	8.30e-03	5.79	0.09	0.67	1.02	0.34	0.35	1.02	-0.05
		1403	14.29	13.21	0.18	13.21	0.18	-0.06	-0.13	-0.56	-0.13	-0.56	-0.03
		1402	12.65	11.68	0.18	11.67	0.18	-0.19	-0.19	-0.61	-0.19	-0.61	-5.51e-03
1223	2	1383	17.92	7.40	-2.08	5.64	-0.32	3.69	2.14	0.40	0.67	1.88	-0.63
		1384	17.87	7.63	-1.43	6.54	-0.34	2.95	2.40	0.67	0.83	2.24	-0.50
		1403	25.46	23.62	0.05	23.54	0.13	1.40	0.46	-0.47	0.21	-0.21	-0.42
		1402	20.96	19.54	-1.29e-03	19.40	0.14	1.66	0.43	-0.64	0.09	-0.31	-0.50
1223	3	1383	3.28	2.22	-0.26	1.94	0.02	0.78	0.27	0.05	0.08	0.23	-0.08
		1384	3.40	2.49	-0.15	2.32	0.02	0.65	0.30	0.08	0.11	0.27	-0.07
		1403	7.29	6.48	0.12	6.47	0.13	0.26	-0.06	-0.37	-0.07	-0.36	-0.06
		1402	6.32	5.53	0.12	5.52	0.13	0.23	-0.08	-0.40	-0.10	-0.38	-0.06
1223	4	1383	6.64	3.02	-0.95	2.17	-0.09	1.63	0.65	0.05	0.19	0.51	-0.26
		1384	6.31	3.09	-0.65	2.55	-0.10	1.32	0.72	0.16	0.25	0.64	-0.20
		1403	10.53	9.57	0.06	9.52	0.11	0.69	0.11	-0.34	0.03	-0.26	-0.17
		1402	8.70	7.89	0.04	7.81	0.12	0.78	0.10	-0.41	-0.02	-0.29	-0.21
1224	1	1384	8.64	5.85	0.03	5.79	0.08	0.57	1.02	0.35	0.35	1.02	-0.05
		1385	9.24	6.49	0.06	6.47	0.09	0.40	1.08	0.38	0.38	1.07	-0.04
		1404	15.45	14.30	0.19	14.30	0.19	-0.07	-0.09	-0.53	-0.09	-0.53	-0.03
		1403	14.30	13.23	0.18	13.22	0.19	-0.21	-0.13	-0.56	-0.13	-0.56	-0.02
1224	2	1384	17.82	7.53	-1.34	6.53	-0.34	2.80	2.41	0.67	0.84	2.24	-0.51
		1385	17.75	7.71	-0.86	7.20	-0.36	2.02	2.59	0.88	0.96	2.52	-0.35
		1404	28.75	26.61	0.10	26.58	0.13	0.96	0.44	-0.29	0.29	-0.15	-0.30
		1403	25.48	23.63	0.07	23.57	0.14	1.24	0.45	-0.46	0.21	-0.21	-0.41
1224	3	1384	3.33	2.46	-0.11	2.32	0.02	0.57	0.30	0.08	0.11	0.27	-0.07
		1385	3.40	2.67	-0.05	2.60	0.02	0.43	0.32	0.11	0.13	0.30	-0.05
		1404	7.99	7.14	0.12	7.14	0.13	0.18	-0.04	-0.35	-0.05	-0.34	-0.04
		1403	7.30	6.47	0.13	6.47	0.13	0.15	-0.06	-0.37	-0.07	-0.36	-0.06
1224	4	1384	6.24	3.03	-0.59	2.54	-0.10	1.23	0.73	0.16	0.25	0.64	-0.21
		1385	5.95	3.08	-0.37	2.82	-0.11	0.91	0.77	0.25	0.30	0.73	-0.14
		1404	11.87	10.80	0.09	10.78	0.11	0.48	0.11	-0.28	0.06	-0.23	-0.12
		1403	10.54	9.57	0.08	9.53	0.11	0.58	0.11	-0.34	0.03	-0.26	-0.17
1225	1	1385	9.22	6.48	0.07	6.46	0.09	0.29	1.08	0.38	0.38	1.07	-0.04
		1386	9.55	6.84	0.09	6.84	0.09	0.12	1.10	0.40	0.40	1.10	-0.03
		1405	16.12	14.91	0.19	14.91	0.19	-0.07	-0.07	-0.51	-0.07	-0.51	-0.03
		1404	15.46	14.31	0.18	14.30	0.19	-0.22	-0.09	-0.53	-0.09	-0.53	-0.03
1225	2	1385	17.71	7.64	-0.80	7.20	-0.36	1.87	2.60	0.88	0.96	2.52	-0.36
		1386	17.66	7.75	-0.51	7.61	-0.37	1.05	2.71	1.01	1.03	2.69	-0.18
		1405	30.75	28.44	0.12	28.43	0.13	0.52	0.39	-0.15	0.34	-0.10	-0.16
		1404	28.77	26.62	0.11	26.60	0.14	0.81	0.43	-0.29	0.29	-0.15	-0.29
1225	3	1385	3.35	2.65	-0.03	2.60	0.02	0.35	0.32	0.11	0.13	0.30	-0.05



		1386	3.39	2.78	5.39e-03	2.76	0.02	0.20	0.33	0.13	0.14	0.32	-0.03
		1405	8.41	7.54	0.13	7.54	0.13	0.10	-0.04	-0.34	-0.04	-0.33	-0.03
		1404	8.00	7.14	0.13	7.14	0.13	0.06	-0.04	-0.35	-0.05	-0.34	-0.04
1225	4	1385	5.89	3.03	-0.32	2.82	-0.11	0.82	0.78	0.25	0.30	0.73	-0.15
		1386	5.69	3.06	-0.19	2.99	-0.12	0.48	0.80	0.31	0.32	0.79	-0.07
		1405	12.68	11.55	0.11	11.54	0.11	0.27	0.10	-0.23	0.08	-0.21	-0.06
		1404	11.88	10.80	0.10	10.79	0.11	0.37	0.11	-0.27	0.06	-0.23	-0.12
1226	1	1386	9.54	6.84	0.09	6.84	0.09	0.01	1.10	0.40	0.40	1.10	-0.03
		1387	9.59	6.90	0.09	6.90	0.09	-0.16	1.11	0.41	0.41	1.11	-0.01
		1406	16.28	15.06	0.19	15.06	0.19	-0.07	-0.06	-0.50	-0.06	-0.50	-0.01
		1405	16.13	14.92	0.19	14.92	0.19	-0.22	-0.07	-0.51	-0.07	-0.51	-0.02
1226	2	1386	17.64	7.71	-0.47	7.61	-0.37	0.91	2.71	1.01	1.03	2.69	-0.19
		1387	17.62	7.75	-0.38	7.75	-0.37	0.07	2.75	1.06	1.06	2.75	7.21e-03
		1406	31.43	29.06	0.13	29.06	0.13	0.08	0.36	-0.09	0.36	-0.09	-5.09e-03
		1405	30.76	28.45	0.13	28.44	0.13	0.37	0.39	-0.14	0.34	-0.10	-0.15
1226	3	1386	3.36	2.77	0.01	2.76	0.02	0.12	0.33	0.13	0.14	0.32	-0.03
		1387	3.36	2.79	0.02	2.79	0.02	-0.02	0.33	0.14	0.14	0.33	-3.70e-03
		1406	8.53	7.65	0.13	7.65	0.13	0.01	-0.03	-0.33	-0.03	-0.33	-4.58e-03
		1405	8.41	7.54	0.13	7.54	0.13	-0.02	-0.04	-0.34	-0.04	-0.33	-0.03
1226	4	1386	5.66	3.04	-0.16	2.99	-0.12	0.39	0.80	0.31	0.32	0.79	-0.08
		1387	5.59	3.05	-0.12	3.05	-0.12	0.05	0.81	0.33	0.33	0.81	2.43e-03
		1406	12.96	11.80	0.11	11.80	0.11	0.06	0.09	-0.21	0.09	-0.21	-1.67e-03
		1405	12.69	11.55	0.11	11.55	0.11	0.16	0.10	-0.23	0.08	-0.21	-0.06
1227	1	1387	9.59	6.91	0.08	6.90	0.09	-0.27	1.11	0.41	0.41	1.11	-0.01
		1388	9.36	6.66	0.06	6.63	0.09	-0.44	1.09	0.40	0.40	1.09	4.62e-03
		1407	15.94	14.74	0.19	14.74	0.19	-0.07	-0.07	-0.50	-0.07	-0.50	-3.57e-03
		1406	16.29	15.06	0.19	15.06	0.19	-0.22	-0.06	-0.50	-0.06	-0.50	-0.01
1227	2	1387	17.62	7.75	-0.38	7.75	-0.37	-0.07	2.75	1.06	1.06	2.75	-7.21e-03
		1388	17.64	7.71	-0.47	7.61	-0.37	-0.91	2.71	1.01	1.03	2.69	0.19
		1407	30.76	28.45	0.13	28.44	0.13	-0.37	0.39	-0.14	0.34	-0.10	0.15
		1406	31.43	29.06	0.13	29.06	0.13	-0.08	0.36	-0.09	0.36	-0.09	5.10e-03
1227	3	1387	3.36	2.80	0.02	2.79	0.02	-0.10	0.33	0.14	0.14	0.33	-4.67e-03
		1388	3.33	2.72	-2.89e-03	2.70	0.02	-0.25	0.32	0.13	0.14	0.32	0.02
		1407	8.35	7.49	0.13	7.49	0.13	-0.07	-0.04	-0.33	-0.04	-0.33	0.02
		1406	8.53	7.65	0.13	7.65	0.13	-0.10	-0.03	-0.33	-0.03	-0.33	-3.98e-03
1227	4	1387	5.59	3.05	-0.12	3.05	-0.12	-0.05	0.81	0.33	0.33	0.81	-2.43e-03
		1388	5.66	3.04	-0.16	2.99	-0.12	-0.39	0.80	0.31	0.32	0.79	0.08
		1407	12.69	11.55	0.11	11.55	0.11	-0.16	0.10	-0.23	0.08	-0.21	0.06
		1406	12.96	11.80	0.11	11.80	0.11	-0.06	0.09	-0.21	0.09	-0.21	1.67e-03
1228	1	1388	9.38	6.68	0.04	6.63	0.09	-0.54	1.09	0.40	0.40	1.09	3.33e-03
		1389	8.90	6.16	6.48e-03	6.07	0.09	-0.71	1.05	0.37	0.37	1.05	0.02
		1408	15.10	13.96	0.19	13.96	0.19	-0.08	-0.09	-0.51	-0.09	-0.51	4.84e-03
		1407	15.94	14.74	0.18	14.74	0.19	-0.23	-0.07	-0.50	-0.07	-0.50	-2.59e-03
1228	2	1388	17.66	7.75	-0.51	7.61	-0.37	-1.05	2.71	1.01	1.03	2.69	0.18
		1389	17.71	7.64	-0.80	7.20	-0.36	-1.87	2.60	0.88	0.96	2.52	0.36
		1408	28.77	26.62	0.11	26.60	0.14	-0.81	0.43	-0.29	0.29	-0.15	0.29
		1407	30.75	28.44	0.12	28.43	0.13	-0.52	0.39	-0.15	0.34	-0.10	0.16
1228	3	1388	3.35	2.74	-0.02	2.70	0.02	-0.33	0.32	0.13	0.14	0.32	0.02
		1389	3.29	2.57	-0.07	2.48	0.02	-0.47	0.31	0.11	0.12	0.30	0.05
		1408	7.89	7.05	0.13	7.04	0.13	-0.15	-0.04	-0.35	-0.05	-0.34	0.04
		1407	8.35	7.49	0.12	7.48	0.13	-0.18	-0.04	-0.33	-0.04	-0.33	0.02
1228	4	1388	5.69	3.06	-0.19	2.99	-0.12	-0.48	0.80	0.31	0.32	0.79	0.07
		1389	5.89	3.03	-0.32	2.82	-0.11	-0.82	0.78	0.25	0.30	0.73	0.15
		1408	11.88	10.80	0.10	10.79	0.11	-0.37	0.11	-0.27	0.06	-0.23	0.12
		1407	12.68	11.55	0.11	11.54	0.11	-0.27	0.10	-0.23	0.08	-0.21	0.06
1229	1	1389	8.93	6.18	-0.02	6.07	0.09	-0.81	1.05	0.37	0.37	1.05	0.02
		1390	8.23	5.44	-0.09	5.27	0.09	-0.96	0.99	0.34	0.34	0.99	0.03
		1409	13.78	12.73	0.18	12.73	0.18	-0.09	-0.12	-0.54	-0.12	-0.54	5.56e-03
		1408	15.10	13.96	0.18	13.96	0.18	-0.23	-0.09	-0.51	-0.09	-0.51	5.96e-03
1229	2	1389	17.75	7.71	-0.86	7.20	-0.36	-2.02	2.59	0.88	0.96	2.52	0.35
		1390	17.82	7.53	-1.34	6.53	-0.34	-2.80	2.41	0.67	0.84	2.24	0.51
		1409	25.48	23.63	0.07	23.57	0.14	-1.24	0.45	-0.46	0.21	-0.21	0.41
		1408	28.75	26.61	0.10	26.58	0.13	-0.96	0.44	-0.29	0.29	-0.15	0.30
1229	3	1389	3.35	2.60	-0.10	2.49	0.02	-0.55	0.31	0.11	0.12	0.30	0.04
		1390	3.27	2.37	-0.18	2.17	0.02	-0.69	0.29	0.08	0.11	0.27	0.07
		1409	7.14	6.33	0.12	6.32	0.13	-0.24	-0.06	-0.37	-0.07	-0.36	0.05
		1408	7.89	7.05	0.12	7.04	0.13	-0.27	-0.04	-0.35	-0.05	-0.34	0.04
1229	4	1389	5.95	3.08	-0.37	2.82	-0.11	-0.91	0.77	0.25	0.30	0.73	0.14
		1390	6.24	3.03	-0.59	2.54	-0.10	-1.23	0.73	0.16	0.25	0.64	0.21
		1409	10.54	9.57	0.08	9.53	0.11	-0.58	0.11	-0.34	0.03	-0.26	0.17
		1408	11.87	10.80	0.09	10.78	0.11	-0.48	0.11	-0.28	0.06	-0.23	0.12
1230	1	1390	8.27	5.48	-0.12	5.27	0.09	-1.07	0.99	0.33	0.34	0.99	0.03
		1391	7.36	4.58	-0.24	4.26	0.08	-1.20	0.90	0.29	0.29	0.90	0.03
		1410	12.01	11.04	0.18	11.04	0.18	-0.12	-0.18	-0.59	-0.18	-0.59	-7.03e-03
		1409	13.78	12.72	0.18	12.72	0.18	-0.25	-0.12	-0.54	-0.12	-0.54	7.00e-03
1230	2	1390	17.87	7.63	-1.43	6.54	-0.34	-2.95	2.40	0.67	0.83	2.24	0.50
		1391	17.92	7.40	-2.08	5.64	-0.32	-3.69	2.14	0.40	0.67	1.88	0.63



		1410	20.96	19.54	-1.29e-03	19.40	0.14	-1.66	0.43	-0.64	0.09	-0.31	0.50
		1409	25.46	23.62	0.05	23.54	0.13	-1.40	0.46	-0.47	0.21	-0.21	0.42
1230	3	1390	3.35	2.41	-0.22	2.17	0.02	-0.76	0.29	0.08	0.11	0.27	0.06
		1391	3.25	2.14	-0.35	1.76	0.02	-0.89	0.26	0.05	0.08	0.22	0.08
		1410	6.12	5.35	0.11	5.33	0.13	-0.32	-0.08	-0.39	-0.09	-0.38	0.06
		1409	7.14	6.34	0.11	6.32	0.13	-0.35	-0.06	-0.37	-0.07	-0.36	0.05
1230	4	1390	6.31	3.09	-0.65	2.55	-0.10	-1.32	0.72	0.16	0.25	0.64	0.20
		1391	6.64	3.02	-0.95	2.17	-0.09	-1.63	0.65	0.05	0.19	0.51	0.26
		1410	8.70	7.89	0.04	7.81	0.12	-0.78	0.10	-0.41	-0.02	-0.29	0.21
		1409	10.53	9.57	0.06	9.52	0.11	-0.69	0.11	-0.34	0.03	-0.26	0.17
1231	1	1391	7.42	4.64	-0.29	4.27	0.09	-1.31	0.90	0.28	0.28	0.90	0.03
		1392	6.29	3.69	-0.49	3.12	0.08	-1.44	0.79	0.22	0.22	0.79	7.71e-03
		1411	9.86	8.91	0.18	8.91	0.18	-0.15	-0.25	-0.66	-0.25	-0.66	-0.04
		1410	12.03	11.04	0.17	11.03	0.18	-0.27	-0.17	-0.59	-0.17	-0.59	-4.89e-03
1231	2	1391	17.99	7.53	-2.18	5.66	-0.31	-3.83	2.13	0.41	0.66	1.87	0.61
		1392	18.00	7.25	-2.97	4.57	-0.28	-4.50	1.81	0.11	0.47	1.44	0.69
		1411	16.33	14.49	-0.15	14.19	0.15	-2.07	0.35	-0.81	-0.05	-0.41	0.55
		1410	20.95	19.54	-0.04	19.37	0.13	-1.82	0.44	-0.65	0.10	-0.30	0.51
1231	3	1391	3.35	2.20	-0.41	1.77	0.03	-0.97	0.25	0.05	0.08	0.22	0.08
		1392	3.23	1.92	-0.60	1.30	0.03	-1.09	0.21	7.72e-03	0.05	0.17	0.08
		1411	4.88	4.12	0.09	4.08	0.13	-0.41	-0.12	-0.42	-0.13	-0.41	0.06
		1410	6.13	5.36	0.09	5.33	0.12	-0.44	-0.08	-0.39	-0.09	-0.38	0.06
1231	4	1391	6.73	3.10	-1.02	2.18	-0.09	-1.72	0.65	0.05	0.19	0.51	0.25
		1392	7.04	3.02	-1.37	1.72	-0.08	-2.00	0.55	-0.07	0.12	0.36	0.28
		1411	6.76	5.81	-0.05	5.64	0.12	-0.97	0.07	-0.47	-0.07	-0.33	0.24
		1410	8.69	7.90	7.60e-03	7.80	0.11	-0.90	0.10	-0.41	-0.01	-0.29	0.21
1232	1	1392	6.38	3.77	-0.55	3.13	0.09	-1.54	0.78	0.21	0.21	0.78	6.39e-03
		1393	5.01	2.87	-0.93	1.88	0.06	-1.66	0.63	0.14	0.14	0.63	-0.03
		1412	7.56	6.35	0.18	6.34	0.18	-0.19	-0.33	-0.78	-0.35	-0.75	-0.10
		1411	9.92	8.90	0.16	8.89	0.17	-0.31	-0.24	-0.66	-0.24	-0.65	-0.04
1232	2	1392	18.07	7.40	-3.08	4.59	-0.27	-4.65	1.78	0.11	0.46	1.44	0.68
		1393	17.98	7.09	-3.98	3.35	-0.24	-5.24	1.42	-0.18	0.26	0.99	0.71
		1412	13.08	8.73	-0.54	8.03	0.16	-2.44	0.22	-0.95	-0.22	-0.51	0.57
		1411	16.48	14.49	-0.22	14.15	0.13	-2.23	0.37	-0.82	-0.04	-0.41	0.57
1232	3	1392	3.34	2.00	-0.67	1.30	0.03	-1.17	0.21	5.12e-03	0.04	0.17	0.08
		1393	3.18	1.74	-0.93	0.78	0.03	-1.28	0.14	-0.03	0.01	0.11	0.07
		1412	3.55	2.66	0.04	2.57	0.13	-0.49	-0.17	-0.45	-0.18	-0.44	0.05
		1411	4.91	4.14	0.05	4.07	0.12	-0.53	-0.11	-0.42	-0.12	-0.41	0.06
1232	4	1392	7.13	3.11	-1.45	1.73	-0.08	-2.09	0.54	-0.07	0.12	0.36	0.28
		1393	7.36	3.01	-1.85	1.22	-0.06	-2.34	0.43	-0.18	0.05	0.21	0.29
		1412	5.70	3.47	-0.28	3.07	0.12	-1.16	0.02	-0.53	-0.14	-0.37	0.25
		1411	6.88	5.84	-0.10	5.63	0.11	-1.09	0.08	-0.48	-0.07	-0.33	0.24
1233	1	1393	5.07	2.97	-0.97	1.90	0.10	-1.76	0.62	0.12	0.13	0.62	-0.03
		1394	4.98	2.24	-1.64	0.60	-7.28e-03	-1.92	0.46	0.02	0.04	0.44	-0.11
		1413	6.15	3.35	0.19	3.33	0.21	-0.26	-0.41	-0.98	-0.48	-0.91	-0.19
		1412	7.71	6.32	0.12	6.30	0.14	-0.37	-0.29	-0.76	-0.31	-0.74	-0.10
1233	2	1393	18.03	7.26	-4.10	3.38	-0.22	-5.38	1.38	-0.19	0.22	0.97	0.69
		1394	17.70	6.91	-5.05	2.04	-0.18	-5.88	1.01	-0.41	0.04	0.56	0.66
		1413	11.12	3.42	-2.20	1.04	0.17	-2.78	0.06	-1.05	-0.41	-0.58	0.55
		1412	13.33	8.77	-0.66	7.98	0.13	-2.61	0.27	-0.96	-0.18	-0.50	0.59
1233	3	1393	3.29	1.82	-0.99	0.79	0.04	-1.36	0.14	-0.03	2.35e-03	0.10	0.07
		1394	3.07	1.60	-1.34	0.25	0.01	-1.47	0.06	-0.05	-0.03	0.04	0.05
		1413	2.97	1.14	-0.19	0.81	0.14	-0.58	-0.23	-0.48	-0.23	-0.47	0.03
		1412	3.61	2.70	-0.03	2.55	0.12	-0.62	-0.15	-0.44	-0.16	-0.44	0.05
1233	4	1393	7.45	3.10	-1.93	1.23	-0.06	-2.43	0.42	-0.18	0.03	0.20	0.28
		1394	7.51	2.98	-2.35	0.67	-0.04	-2.64	0.30	-0.25	-0.03	0.08	0.27
		1413	5.27	1.45	-1.19	0.13	0.13	-1.32	-0.03	-0.55	-0.21	-0.38	0.25
		1412	5.89	3.53	-0.37	3.05	0.11	-1.28	0.04	-0.53	-0.12	-0.37	0.26
1234	1	1394	4.97	2.36	-1.53	0.70	0.13	-1.92	0.43	5.17e-03	0.04	0.40	-0.11
		1395	6.45	1.90	-2.78	-0.64	-0.24	-2.33	0.29	-0.23	-0.13	0.19	-0.20
		1414	6.64	0.63	-0.23	-8.69e-03	0.40	-0.38	-0.49	-1.26	-0.63	-1.12	-0.29
		1413	6.26	3.28	-0.06	3.20	0.02	-0.51	-0.33	-0.93	-0.41	-0.85	-0.20
1234	2	1394	17.62	7.06	-5.11	2.03	-0.08	-5.99	0.93	-0.45	-0.03	0.51	0.64
		1395	17.02	6.73	-6.28	0.72	-0.26	-6.49	0.62	-0.52	-0.16	0.26	0.53
		1414	12.07	1.47	-7.89	-6.75	0.33	-3.05	-0.04	-1.08	-0.61	-0.51	0.52
		1413	11.56	3.55	-2.42	1.05	0.08	-2.94	0.17	-1.01	-0.30	-0.54	0.58
1234	3	1394	3.12	1.69	-1.35	0.27	0.07	-1.51	0.05	-0.06	-0.04	0.03	0.04
		1395	3.03	1.53	-1.87	-0.28	-0.07	-1.70	-0.01	-0.09	-0.09	-0.01	5.76e-04
		1414	3.12	0.48	-1.45	-1.18	0.21	-0.67	-0.28	-0.48	-0.28	-0.48	3.30e-03
		1413	2.94	1.23	-0.38	0.77	0.08	-0.73	-0.19	-0.46	-0.19	-0.46	0.03
1234	4	1394	7.55	3.08	-2.41	0.67	4.73e-03	-2.72	0.27	-0.27	-0.06	0.06	0.26
		1395	7.37	2.96	-2.91	0.12	-0.07	-2.93	0.18	-0.27	-0.09	9.38e-03	0.22
		1414	5.92	0.74	-3.73	-3.18	0.19	-1.47	-0.05	-0.53	-0.28	-0.30	0.24
		1413	5.56	1.56	-1.33	0.13	0.09	-1.45	0.01	-0.54	-0.16	-0.36	0.26
1235	1	1395	6.22	2.17	-2.31	-0.11	-0.03	-2.24	0.25	-0.23	-0.11	0.13	-0.21
		1396	9.58	2.00	-3.57	-0.76	-0.81	-2.78	0.32	-0.64	-0.41	0.09	-0.41
		1415	10.18	1.89	-4.10	-3.15	0.94	-2.19	-0.62	-1.43	-0.78	-1.28	-0.31



		1414	7.83	0.33	-1.63	-1.30	1.39e-03	-0.74	-0.51	-1.31	-0.69	-1.14	-0.33
1235	2	1395	16.82	6.91	-5.88	1.12	-0.10	-6.37	0.48	-0.64	-0.28	0.11	0.53
		1396	13.81	6.00	-7.16	-0.70	-0.46	-6.58	0.33	-0.37	-0.30	0.26	0.21
		1415	16.98	0.76	-13.85	-12.84	-0.25	-3.70	0.20	-1.04	-0.75	-0.09	0.53
		1414	13.68	1.66	-9.03	-7.50	0.13	-3.74	0.09	-0.95	-0.42	-0.44	0.52
1235	3	1395	2.99	1.65	-1.73	-0.09	0.01	-1.69	-0.05	-0.10	-0.10	-0.05	7.10e-04
		1396	4.52	1.50	-2.25	-0.44	-0.31	-1.87	0.07	-0.20	-0.16	0.02	-0.10
		1415	4.83	0.74	-3.44	-2.96	0.26	-1.33	-0.33	-0.40	-0.33	-0.39	7.37e-03
		1414	3.44	0.47	-2.02	-1.63	0.08	-0.91	-0.26	-0.48	-0.26	-0.48	-8.36e-03
1235	4	1395	7.41	3.05	-2.79	0.27	-6.38e-03	-2.92	0.12	-0.33	-0.15	-0.05	0.22
		1396	6.07	2.68	-3.32	-0.42	-0.21	-3.00	0.10	-0.15	-0.13	0.07	0.08
		1415	7.60	0.41	-6.34	-5.84	-0.09	-1.78	0.11	-0.47	-0.32	-0.04	0.26
		1414	6.67	0.86	-4.21	-3.47	0.12	-1.80	0.02	-0.47	-0.18	-0.27	0.24
1236	1	1396	9.61	2.57	-3.02	0.53	-0.99	-2.69	0.54	-0.56	-0.31	0.30	-0.46
		280	13.10	3.62	-2.22	1.57	-0.17	-2.78	0.81	-0.75	0.13	-0.07	-0.77
		202	15.56	6.19	-6.11	-0.81	0.89	-6.09	0.68	-0.25	0.15	0.28	-0.46
		1415	14.20	1.53	-7.01	-5.73	0.25	-3.05	-1.11	-1.72	-1.25	-1.58	-0.26
1236	2	1396	16.16	6.29	-6.86	0.21	-0.78	-6.55	0.62	-0.34	-0.06	0.34	0.43
		280	15.87	6.07	-7.88	-2.02	0.22	-6.88	-0.35	-1.08	-0.49	-0.94	0.29
		202	31.26	0.58	-22.35	-22.27	0.50	-1.40	1.19	-0.79	-0.76	1.16	0.24
		1415	18.85	-0.66	-14.85	-13.52	-2.00	-4.14	0.88	-0.03	0.47	0.38	0.45
1236	3	1396	4.10	1.67	-2.10	-9.29e-03	-0.42	-1.87	0.12	-0.13	-0.10	0.09	-0.08
		280	5.51	2.03	-1.94	0.26	-0.17	-1.97	0.12	-0.28	6.04e-03	-0.17	-0.19
		202	7.32	1.39	-4.67	-3.60	0.31	-2.31	0.30	-0.10	-0.07	0.27	-0.11
		1415	5.36	0.48	-4.39	-3.72	-0.19	-1.68	-0.26	-0.39	-0.26	-0.39	9.90e-03
1236	4	1396	7.25	2.79	-3.25	-0.11	-0.36	-3.02	0.24	-0.16	-0.03	0.11	0.19
		280	7.24	2.78	-3.64	-0.81	-0.05	-3.19	-0.12	-0.48	-0.18	-0.42	0.13
		202	13.98	0.28	-10.04	-9.96	0.20	-0.92	0.54	-0.35	-0.34	0.53	0.10
		1415	8.88	-0.17	-6.71	-6.03	-0.85	-2.00	0.44	-4.15e-03	0.25	0.19	0.22
1237	1	1415	11.17	-0.34	-6.89	-6.64	-0.58	-1.25	0.12	-0.69	-0.62	0.05	-0.22
		202	9.51	3.46	-2.03	-0.25	1.68	2.57	0.20	-0.68	-0.18	-0.29	-0.44
		219	8.14	-0.24	-4.44	-4.37	-0.32	-0.55	0.19	-0.60	-0.44	0.03	-0.31
		1416	6.06	0.07	-2.88	-2.88	0.07	0.04	0.11	-0.55	-0.43	-0.01	-0.26
1237	2	1415	22.82	-1.37	-17.42	-14.59	-4.21	-6.12	1.08	-0.24	0.39	0.45	0.66
		202	30.09	7.07	-22.44	-20.20	4.83	-7.81	-0.61	-1.34	-1.25	-0.70	0.25
		219	53.18	-0.39	-47.25	-47.21	-0.42	-1.28	0.12	-1.00	-0.98	0.10	0.14
		1416	23.27	0.45	-21.77	-21.77	0.44	-0.31	0.38	-0.71	-0.19	-0.14	0.55
1237	3	1415	4.86	-0.41	-4.60	-4.17	-0.84	-1.28	0.10	-0.11	-0.10	0.08	0.06
		202	4.89	1.34	-3.14	-3.12	1.32	-0.30	-0.14	-0.37	-0.26	-0.25	-0.11
		219	10.08	-0.17	-8.17	-8.16	-0.18	-0.33	0.05	-0.32	-0.30	0.03	-0.09
		1416	4.93	0.11	-4.11	-4.11	0.11	-0.06	-0.03	-0.15	-0.14	-0.03	0.02
1237	4	1415	10.48	-0.65	-7.79	-6.52	-1.92	-2.73	0.52	-0.12	0.20	0.20	0.32
		202	13.43	3.19	-9.96	-9.03	2.25	-3.38	-0.34	-0.61	-0.58	-0.37	0.09
		219	23.67	-0.20	-20.87	-20.85	-0.21	-0.55	0.06	-0.46	-0.46	0.05	0.05
		1416	10.32	0.22	-9.71	-9.71	0.22	-0.16	0.19	-0.33	-0.07	-0.07	0.26
1238	1	1414	7.28	1.23	-2.83	-1.40	-0.21	-1.94	0.12	-0.55	-0.34	-0.09	-0.31
		1415	8.43	0.90	-3.53	-3.38	0.76	-0.79	0.31	-0.62	-0.38	0.08	-0.40
		1416	6.87	-0.09	-3.91	-3.89	-0.11	0.25	0.11	-0.56	-0.45	-0.01	-0.25
		1417	3.57	0.35	-0.16	0.13	0.06	-0.25	0.15	-0.46	-0.32	8.24e-03	-0.25
1238	2	1414	13.57	1.29	-9.06	-7.58	-0.18	-3.62	0.50	-0.66	-0.21	0.05	0.56
		1415	17.20	1.45	-14.30	-12.90	0.05	-4.49	0.16	-1.17	-0.80	-0.21	0.59
		1416	25.87	0.04	-22.92	-22.92	0.04	-2.94e-03	0.37	-0.65	-0.37	0.09	0.46
		1417	13.76	0.06	-10.10	-10.08	0.05	-0.38	0.21	-0.82	-0.54	-0.06	0.46
1238	3	1414	2.90	0.47	-2.23	-1.68	-0.08	-1.09	1.09e-03	-0.10	-0.10	6.33e-04	6.90e-03
		1415	4.69	0.42	-3.25	-3.06	0.23	-0.81	-0.02	-0.22	-0.22	-0.02	-7.73e-03
		1416	5.57	-0.02	-4.53	-4.52	-0.02	0.09	0.01	-0.17	-0.17	0.01	8.88e-03
		1417	2.52	0.04	-1.65	-1.64	0.03	-0.14	-0.01	-0.15	-0.15	-0.01	4.84e-03
1238	4	1414	6.26	0.55	-4.13	-3.51	-0.08	-1.59	0.26	-0.28	-0.06	0.04	0.26
		1415	7.67	0.59	-6.44	-5.88	0.02	-1.91	0.09	-0.53	-0.34	-0.10	0.29
		1416	11.41	0.02	-10.16	-10.16	0.02	0.02	0.19	-0.29	-0.15	0.04	0.22
		1417	6.17	0.04	-4.67	-4.66	0.03	-0.18	0.11	-0.36	-0.21	-0.03	0.22
1239	1	1413	5.41	3.87	-0.75	3.22	-0.10	-1.60	0.08	-0.32	-0.16	-0.07	-0.19
		1414	7.12	1.86	-1.89	-0.16	0.14	-1.87	0.16	-0.58	-0.33	-0.08	-0.35
		1417	3.57	0.19	-0.18	0.02	-7.38e-03	0.19	0.13	-0.47	-0.34	8.21e-03	-0.25
		1418	6.22	4.79	0.05	4.78	0.06	-0.22	0.08	-0.31	-0.23	-7.08e-03	-0.16
1239	2	1413	13.34	4.49	-3.44	1.14	-0.08	-3.92	0.59	-0.65	-0.09	0.03	0.62
		1414	13.95	1.95	-8.77	-6.96	0.14	-4.02	0.35	-0.94	-0.51	-0.08	0.61
		1417	13.68	-0.04	-10.48	-10.48	-0.04	0.10	0.38	-0.68	-0.34	0.04	0.49
		1418	5.92	0.54	-0.08	0.39	0.07	-0.27	0.37	-0.65	-0.24	-0.03	0.50
1239	3	1413	2.35	1.45	-0.71	0.77	-0.03	-1.01	0.01	-0.07	-0.05	-4.78e-03	0.03
		1414	2.78	0.63	-1.83	-1.26	0.06	-1.04	-0.03	-0.16	-0.16	-0.03	2.58e-03
		1417	2.52	5.45e-03	-1.71	-1.71	1.34e-03	0.08	9.85e-03	-0.13	-0.13	8.97e-03	0.01
		1418	1.65	1.10	0.02	1.09	0.03	-0.12	5.30e-04	-0.10	-0.09	-7.55e-03	0.03
1239	4	1413	5.79	1.76	-1.63	0.15	-0.03	-1.69	0.27	-0.28	-0.03	0.02	0.27
		1414	6.24	0.75	-3.97	-3.28	0.06	-1.67	0.18	-0.42	-0.21	-0.03	0.29
		1417	6.16	-8.75e-03	-4.82	-4.82	-9.47e-03	0.06	0.19	-0.29	-0.13	0.02	0.23
		1418	2.55	0.09	-0.27	-0.21	0.04	-0.13	0.17	-0.28	-0.09	-0.01	0.22



1240	1	1412	6.92	6.60	-0.32	6.29	-8.85e-03	-1.43	0.03	-0.18	-0.10	-0.04	-0.10
		1413	5.19	3.81	-0.62	3.22	-0.03	-1.51	0.04	-0.40	-0.25	-0.10	-0.21
		1418	6.52	4.83	0.01	4.82	0.01	0.07	0.09	-0.31	-0.24	0.01	-0.15
		1419	9.71	8.79	0.04	8.79	0.04	-0.11	0.03	-0.19	-0.16	-7.78e-03	-0.08
1240	2	1412	15.07	9.32	-1.35	7.99	-0.02	-3.52	0.63	-0.63	-0.02	0.01	0.63
		1413	13.25	4.12	-3.29	0.92	-0.08	-3.68	0.50	-0.80	-0.26	-0.04	0.64
		1418	5.68	0.68	0.04	0.68	0.04	-0.04	0.44	-0.60	-0.19	0.02	0.51
		1419	12.50	10.77	0.02	10.77	0.02	-0.17	0.47	-0.56	-0.08	-0.01	0.51
1240	3	1412	3.41	2.82	-0.28	2.53	5.12e-04	-0.89	0.04	-0.07	-0.03	-6.57e-03	0.05
		1413	2.27	1.32	-0.59	0.74	-0.02	-0.87	-0.01	-0.11	-0.10	-0.03	0.03
		1418	1.66	1.14	0.02	1.14	0.02	0.03	0.01	-0.09	-0.08	5.87e-03	0.03
		1419	3.91	3.57	0.02	3.57	0.02	-0.07	0.02	-0.08	-0.05	-4.13e-03	0.04
1240	4	1412	6.26	3.66	-0.63	3.04	-3.11e-03	-1.51	0.28	-0.27	-2.21e-03	0.01	0.27
		1413	5.63	1.53	-1.50	0.06	-0.03	-1.52	0.23	-0.34	-0.10	-7.82e-03	0.28
		1418	2.41	0.03	-0.09	-0.09	0.03	6.08e-04	0.20	-0.26	-0.07	7.24e-03	0.23
		1419	4.94	4.16	0.01	4.16	0.02	-0.09	0.20	-0.24	-0.03	-5.31e-03	0.22
1241	1	1411	9.24	9.02	-0.18	8.86	-0.01	-1.22	2.83e-03	-0.08	-0.05	-0.03	-0.04
		1412	7.08	6.50	-0.26	6.27	-0.03	-1.24	3.83e-03	-0.21	-0.15	-0.06	-0.10
		1419	9.73	8.82	0.03	8.82	0.03	0.04	0.04	-0.18	-0.14	5.90e-03	-0.08
		1420	12.59	12.14	0.03	12.14	0.03	-0.08	6.61e-03	-0.09	-0.08	-3.32e-03	-0.03
1241	2	1411	17.99	14.77	-0.68	14.14	-0.05	-3.05	0.68	-0.55	0.10	0.04	0.61
		1412	15.03	9.11	-1.24	7.94	-0.07	-3.28	0.61	-0.69	-0.07	-9.43e-04	0.65
		1419	12.40	10.91	0.05	10.90	0.05	-0.05	0.50	-0.53	-0.04	5.45e-03	0.51
		1420	20.89	19.80	0.02	19.80	0.02	-0.14	0.54	-0.46	0.08	-4.89e-03	0.49
1241	3	1411	4.53	4.18	-0.14	4.04	-3.58e-03	-0.76	0.06	-0.07	-2.45e-03	-1.68e-03	0.07
		1412	3.36	2.72	-0.21	2.52	-0.01	-0.74	0.03	-0.09	-0.05	-0.01	0.06
		1419	3.88	3.60	0.02	3.60	0.02	0.02	0.03	-0.07	-0.04	2.48e-03	0.05
		1420	5.77	5.67	0.02	5.67	0.02	-0.06	0.05	-0.06	-0.01	-1.70e-03	0.05
1241	4	1411	7.35	5.90	-0.30	5.61	-0.02	-1.31	0.29	-0.23	0.04	0.02	0.26
		1412	6.15	3.52	-0.53	3.02	-0.03	-1.34	0.27	-0.29	-0.03	3.64e-03	0.28
		1419	4.86	4.22	0.03	4.22	0.03	-2.16e-04	0.22	-0.23	-0.01	2.35e-03	0.22
		1420	8.41	7.94	0.01	7.94	0.02	-0.08	0.23	-0.19	0.04	-2.16e-03	0.21
1242	1	1410	11.17	11.08	-0.10	10.99	-0.02	-0.99	1.42e-03	-0.02	-1.29e-03	-0.01	-6.30e-03
		1411	9.27	8.96	-0.13	8.85	-0.02	-1.00	-0.01	-0.09	-0.07	-0.03	-0.04
		1420	12.57	12.16	0.03	12.16	0.03	0.04	0.01	-0.08	-0.07	2.47e-03	-0.03
		1421	14.91	14.84	0.03	14.84	0.03	-0.08	-1.20e-03	-0.01	-0.01	-1.34e-03	-1.33e-03
1242	2	1410	20.94	19.67	-0.39	19.35	-0.07	-2.52	0.69	-0.42	0.21	0.06	0.55
		1411	17.88	14.65	-0.61	14.11	-0.08	-2.82	0.68	-0.57	0.08	0.03	0.63
		1420	21.08	19.91	0.05	19.91	0.05	-0.03	0.55	-0.45	0.10	1.35e-03	0.49
		1421	29.04	27.41	0.02	27.41	0.02	-0.13	0.56	-0.35	0.22	-3.08e-03	0.44
1242	3	1410	5.48	5.37	-0.08	5.30	-6.13e-03	-0.63	0.08	-0.05	0.02	4.94e-03	0.07
		1411	4.46	4.13	-0.10	4.04	-0.01	-0.60	0.06	-0.08	-0.01	-4.26e-03	0.07
		1420	5.75	5.69	0.02	5.69	0.02	0.03	0.05	-0.06	-7.59e-03	8.95e-04	0.05
		1421	7.51	7.38	0.02	7.38	0.02	-0.06	0.07	-0.05	0.02	-8.12e-04	0.05
1242	4	1410	8.52	7.92	-0.17	7.78	-0.02	-1.08	0.29	-0.18	0.08	0.03	0.23
		1411	7.23	5.82	-0.25	5.60	-0.03	-1.14	0.29	-0.24	0.03	0.02	0.27
		1420	8.50	7.98	0.03	7.98	0.03	5.68e-03	0.23	-0.19	0.04	5.64e-04	0.21
		1421	11.77	11.11	0.02	11.10	0.02	-0.07	0.24	-0.15	0.09	-1.33e-03	0.19
1243	1	1409	12.99	12.72	-0.06	12.68	-0.02	-0.78	0.04	-2.87e-03	0.04	-1.75e-03	6.88e-03
		1410	11.08	11.04	-0.07	10.99	-0.02	-0.78	-6.97e-03	-0.02	-8.06e-03	-0.02	-3.04e-03
		1421	14.90	14.85	0.03	14.85	0.03	0.04	1.60e-03	-0.01	-9.61e-03	9.26e-04	-2.75e-03
		1422	17.13	16.93	0.03	16.93	0.03	-0.07	0.04	-2.81e-03	0.04	-6.77e-04	8.99e-03
1243	2	1409	25.13	23.68	-0.24	23.52	-0.08	-1.96	0.66	-0.27	0.30	0.09	0.45
		1410	20.82	19.60	-0.35	19.33	-0.08	-2.30	0.70	-0.43	0.20	0.06	0.56
		1421	29.17	27.50	0.05	27.50	0.05	-0.02	0.57	-0.34	0.22	-5.18e-04	0.44
		1422	35.59	33.47	0.03	33.47	0.03	-0.11	0.56	-0.24	0.32	-2.73e-03	0.36
1243	3	1409	6.53	6.33	-0.05	6.29	-7.08e-03	-0.49	0.09	-0.03	0.04	0.01	0.06
		1410	5.42	5.34	-0.05	5.29	-9.15e-03	-0.47	0.08	-0.06	0.02	4.03e-03	0.07
		1421	7.54	7.39	0.02	7.39	0.02	0.03	0.07	-0.04	0.02	2.01e-04	0.05
		1422	8.99	8.71	0.02	8.71	0.02	-0.05	0.07	-0.03	0.05	-5.43e-04	0.05
1243	4	1409	10.14	9.57	-0.10	9.50	-0.02	-0.84	0.27	-0.11	0.12	0.04	0.19
		1410	8.41	7.87	-0.13	7.77	-0.03	-0.92	0.29	-0.18	0.08	0.03	0.24
		1421	11.84	11.14	0.03	11.14	0.03	0.01	0.24	-0.14	0.09	-2.27e-04	0.18
		1422	14.47	13.62	0.02	13.62	0.02	-0.06	0.23	-0.10	0.13	-1.15e-03	0.15
1244	1	1408	14.35	13.94	-0.04	13.92	-0.02	-0.56	0.07	5.31e-03	0.07	5.82e-03	5.71e-03
		1409	12.95	12.70	-0.04	12.68	-0.02	-0.56	0.04	-4.84e-03	0.04	-2.55e-03	9.77e-03
		1422	17.14	16.94	0.03	16.94	0.03	0.05	0.04	-1.04e-03	0.04	2.24e-04	6.95e-03
		1423	18.82	18.42	0.03	18.42	0.03	-0.06	0.07	-1.32e-03	0.07	-4.80e-04	7.71e-03
1244	2	1408	28.51	26.62	-0.15	26.55	-0.08	-1.36	0.58	-0.11	0.37	0.11	0.32
		1409	25.13	23.63	-0.21	23.50	-0.08	-1.74	0.66	-0.28	0.30	0.09	0.46
		1422	35.67	33.54	0.05	33.54	0.05	-2.94e-03	0.56	-0.23	0.33	-1.55e-03	0.36
		1423	40.36	37.89	0.03	37.88	0.03	-0.09	0.53	-0.13	0.40	-2.78e-03	0.26
1244	3	1408	7.32	7.03	-0.03	7.01	-7.46e-03	-0.36	0.08	-8.79e-03	0.06	0.01	0.04
		1409	6.51	6.30	-0.03	6.29	-8.59e-03	-0.33	0.09	-0.03	0.04	0.01	0.06
		1422	9.00	8.72	0.02	8.72	0.02	0.03	0.07	-0.03	0.05	-1.28e-04	0.05
		1423	10.04	9.67	0.02	9.67	0.02	-0.05	0.08	-0.01	0.06	-4.75e-04	0.03
1244	4	1408	11.53	10.79	-0.06	10.75	-0.03	-0.60	0.24	-0.05	0.15	0.04	0.13



		1409	10.15	9.54	-0.08	9.49	-0.03	-0.68	0.27	-0.12	0.12	0.04	0.19
		1422	14.51	13.64	0.03	13.64	0.03	0.02	0.23	-0.10	0.13	-6.54e-04	0.15
		1423	16.43	15.44	0.02	15.44	0.02	-0.06	0.21	-0.05	0.16	-1.16e-03	0.11
1245	1	1407	15.21	14.71	-0.02	14.70	-0.02	-0.35	0.09	9.51e-03	0.09	9.70e-03	-3.84e-03
		1408	14.33	13.93	-0.02	13.92	-0.02	-0.35	0.07	4.40e-03	0.07	5.51e-03	8.43e-03
		1423	18.83	18.42	0.03	18.42	0.03	0.05	0.07	-5.49e-04	0.07	-1.18e-04	5.51e-03
		1424	19.85	19.33	0.03	19.33	0.03	-0.06	0.09	-4.06e-04	0.09	-4.05e-04	-2.62e-04
1245	2	1407	30.56	28.42	-0.11	28.40	-0.09	-0.74	0.48	0.04	0.41	0.12	0.16
		1408	28.51	26.59	-0.14	26.54	-0.09	-1.14	0.59	-0.11	0.37	0.11	0.32
		1423	40.41	37.93	0.05	37.93	0.05	0.01	0.52	-0.12	0.40	-2.20e-03	0.25
		1424	43.26	40.57	0.04	40.57	0.04	-0.07	0.48	-0.04	0.45	-2.85e-03	0.13
1245	3	1407	7.82	7.46	-0.01	7.45	-7.64e-03	-0.22	0.07	0.01	0.07	0.02	0.02
		1408	7.32	7.01	-0.01	7.01	-8.23e-03	-0.20	0.08	-0.01	0.06	0.01	0.04
		1423	10.05	9.67	0.02	9.67	0.02	0.04	0.08	-0.01	0.06	-2.99e-04	0.03
		1424	10.68	10.25	0.02	10.25	0.02	-0.05	0.08	-3.86e-03	0.07	-4.55e-04	0.02
1245	4	1407	12.37	11.52	-0.04	11.51	-0.03	-0.34	0.20	0.02	0.16	0.05	0.07
		1408	11.53	10.77	-0.05	10.75	-0.03	-0.44	0.24	-0.05	0.15	0.04	0.14
		1423	16.45	15.45	0.03	15.45	0.03	0.03	0.21	-0.05	0.16	-9.15e-04	0.11
		1424	17.62	16.54	0.02	16.54	0.02	-0.05	0.20	-0.02	0.18	-1.18e-03	0.06
1246	1	1406	15.56	15.02	-0.02	15.02	-0.01	-0.14	0.10	7.04e-03	0.09	0.01	-0.02
		1407	15.20	14.70	-0.02	14.70	-0.02	-0.14	0.09	9.57e-03	0.09	9.59e-03	-1.16e-03
		1424	19.86	19.33	0.03	19.33	0.03	0.06	0.09	-3.54e-04	0.09	-2.86e-04	-2.47e-03
		1425	20.24	19.69	0.03	19.69	0.03	-0.06	0.10	-1.55e-03	0.09	-3.35e-04	-0.01
1246	2	1406	31.25	29.02	-0.09	29.02	-0.09	-0.11	0.43	0.12	0.43	0.12	-2.60e-03
		1407	30.57	28.40	-0.10	28.39	-0.09	-0.52	0.49	0.04	0.41	0.12	0.17
		1424	43.29	40.59	0.04	40.59	0.04	0.03	0.48	-0.04	0.45	-2.60e-03	0.13
		1425	44.25	41.48	0.04	41.47	0.04	-0.05	0.46	-2.82e-03	0.46	-2.81e-03	2.25e-03
1246	3	1406	8.00	7.62	-8.82e-03	7.62	-7.78e-03	-0.09	0.07	0.02	0.07	0.02	-5.55e-03
		1407	7.82	7.45	-8.55e-03	7.45	-7.98e-03	-0.07	0.08	9.91e-03	0.07	0.02	0.02
		1424	10.68	10.25	0.02	10.25	0.02	0.04	0.08	-3.18e-03	0.07	-3.91e-04	0.01
		1425	10.91	10.46	0.02	10.46	0.02	-0.04	0.08	-5.25e-04	0.08	-4.27e-04	-2.75e-03
1246	4	1406	12.65	11.77	-0.03	11.77	-0.03	-0.08	0.17	0.05	0.17	0.05	-1.39e-03
		1407	12.37	11.51	-0.03	11.51	-0.03	-0.18	0.20	0.02	0.16	0.05	0.07
		1424	17.63	16.55	0.02	16.55	0.02	0.03	0.19	-0.02	0.18	-1.08e-03	0.05
		1425	18.02	16.91	0.02	16.91	0.02	-0.04	0.19	-1.17e-03	0.19	-1.16e-03	1.13e-03
1247	1	1405	15.37	14.88	-0.02	14.88	-0.02	0.07	0.09	-1.33e-03	0.09	7.84e-03	-0.03
		1406	15.55	15.02	-0.02	15.02	-0.01	0.07	0.09	7.99e-03	0.09	0.01	-0.01
		1425	20.24	19.69	0.03	19.69	0.03	0.06	0.10	-2.11e-03	0.09	-3.60e-04	-0.01
		1426	20.00	19.49	0.03	19.49	0.03	-0.06	0.09	-4.75e-03	0.09	-2.23e-04	-0.02
1247	2	1405	30.57	28.40	-0.10	28.39	-0.09	0.52	0.49	0.04	0.41	0.12	-0.17
		1406	31.25	29.02	-0.09	29.02	-0.09	0.11	0.43	0.12	0.43	0.12	2.60e-03
		1425	44.25	41.48	0.04	41.47	0.04	0.05	0.46	-2.82e-03	0.46	-2.81e-03	-2.25e-03
		1426	43.29	40.59	0.04	40.59	0.04	-0.03	0.48	-0.04	0.45	-2.60e-03	-0.13
1247	3	1405	7.87	7.51	-8.23e-03	7.51	-7.95e-03	0.05	0.08	3.41e-03	0.07	0.02	-0.03
		1406	8.00	7.62	-8.41e-03	7.62	-7.79e-03	0.07	0.07	0.02	0.07	0.02	-3.51e-03
		1425	10.91	10.46	0.02	10.46	0.02	0.04	0.08	-6.77e-04	0.08	-4.35e-04	-4.32e-03
		1426	10.73	10.30	0.02	10.30	0.02	-0.04	0.08	-6.17e-03	0.07	-3.72e-04	-0.02
1247	4	1405	12.37	11.51	-0.03	11.51	-0.03	0.18	0.20	0.02	0.16	0.05	-0.07
		1406	12.65	11.77	-0.03	11.77	-0.03	0.08	0.17	0.05	0.17	0.05	1.39e-03
		1425	18.02	16.91	0.02	16.91	0.02	0.04	0.19	-1.17e-03	0.19	-1.16e-03	-1.13e-03
		1426	17.63	16.55	0.02	16.55	0.02	-0.03	0.19	-0.02	0.18	-1.08e-03	-0.05
1248	1	1404	14.66	14.27	-0.02	14.26	-0.02	0.28	0.08	-0.01	0.07	2.26e-03	-0.03
		1405	15.37	14.88	-0.02	14.87	-0.02	0.28	0.09	3.66e-04	0.09	7.97e-03	-0.03
		1426	20.00	19.49	0.03	19.49	0.03	0.06	0.09	-5.90e-03	0.09	-3.90e-04	-0.02
		1427	19.13	18.74	0.03	18.74	0.03	-0.05	0.08	-8.79e-03	0.07	-2.65e-05	-0.03
1248	2	1404	28.51	26.59	-0.14	26.54	-0.09	1.14	0.59	-0.11	0.37	0.11	-0.32
		1405	30.56	28.42	-0.11	28.40	-0.09	0.74	0.48	0.04	0.41	0.12	-0.16
		1426	43.26	40.57	0.04	40.57	0.04	0.07	0.48	-0.04	0.45	-2.85e-03	-0.13
		1427	40.41	37.93	0.05	37.93	0.05	-0.01	0.52	-0.12	0.40	-2.20e-03	-0.25
1248	3	1404	7.42	7.11	-0.01	7.11	-8.20e-03	0.18	0.09	-0.02	0.06	0.01	-0.05
		1405	7.87	7.51	-0.01	7.51	-7.65e-03	0.20	0.08	4.99e-03	0.07	0.02	-0.03
		1426	10.72	10.29	0.02	10.29	0.02	0.05	0.08	-7.07e-03	0.07	-4.50e-04	-0.02
		1427	10.14	9.77	0.02	9.77	0.02	-0.04	0.08	-0.02	0.06	-2.72e-04	-0.04
1248	4	1404	11.53	10.77	-0.05	10.75	-0.03	0.44	0.24	-0.05	0.15	0.04	-0.14
		1405	12.37	11.52	-0.04	11.51	-0.03	0.34	0.20	0.02	0.16	0.05	-0.07
		1426	17.62	16.54	0.02	16.54	0.02	0.05	0.20	-0.02	0.18	-1.18e-03	-0.06
		1427	16.45	15.45	0.03	15.45	0.03	-0.03	0.21	-0.05	0.16	-9.15e-04	-0.11
1249	1	1403	13.41	13.20	-0.04	13.18	-0.02	0.50	0.05	-0.02	0.03	-6.99e-03	-0.03
		1404	14.67	14.28	-0.03	14.26	-0.02	0.49	0.08	-0.01	0.07	2.60e-03	-0.03
		1427	19.12	18.74	0.03	18.74	0.03	0.06	0.08	-0.01	0.07	-4.35e-04	-0.03
		1428	17.60	17.42	0.03	17.42	0.03	-0.05	0.04	-0.01	0.03	3.39e-04	-0.02
1249	2	1403	25.13	23.63	-0.21	23.50	-0.08	1.74	0.66	-0.28	0.30	0.09	-0.46
		1404	28.51	26.62	-0.15	26.55	-0.08	1.36	0.58	-0.11	0.37	0.11	-0.32
		1427	40.36	37.89	0.03	37.88	0.03	0.09	0.53	-0.13	0.40	-2.78e-03	-0.26
		1428	35.67	33.54	0.05	33.54	0.05	2.94e-03	0.56	-0.23	0.33	-1.55e-03	-0.36
1249	3	1403	6.66	6.45	-0.02	6.43	-8.57e-03	0.32	0.09	-0.04	0.04	8.98e-03	-0.07
		1404	7.42	7.13	-0.02	7.11	-7.49e-03	0.34	0.09	-0.02	0.06	0.01	-0.05



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

		1427	10.13	9.76	0.02	9.76	0.02	0.05	0.08	-0.02	0.06	-4.62e-04	-0.04
		1428	9.14	8.87	0.02	8.87	0.02	-0.03	0.08	-0.03	0.04	-9.35e-05	-0.05
1249	4	1403	10.15	9.54	-0.08	9.49	-0.03	0.68	0.27	-0.12	0.12	0.04	-0.19
		1404	11.53	10.79	-0.06	10.75	-0.03	0.60	0.24	-0.05	0.15	0.04	-0.13
		1427	16.43	15.44	0.02	15.44	0.02	0.06	0.21	-0.05	0.16	-1.16e-03	-0.11
		1428	14.51	13.64	0.03	13.64	0.03	-0.02	0.23	-0.10	0.13	-6.54e-04	-0.15
1250	1	1402	11.73	11.67	-0.06	11.62	-0.02	0.72	-6.89e-03	-0.03	-0.01	-0.02	-0.01
		1403	13.45	13.21	-0.05	13.18	-0.02	0.71	0.05	-0.02	0.04	-6.14e-03	-0.03
		1428	17.58	17.42	0.03	17.41	0.03	0.07	0.04	-0.01	0.03	-6.20e-04	-0.02
		1429	15.60	15.51	0.03	15.51	0.03	-0.04	3.83e-03	-0.02	-0.02	1.07e-03	-7.66e-03
1250	2	1402	20.82	19.60	-0.35	19.33	-0.08	2.30	0.70	-0.43	0.20	0.06	-0.56
		1403	25.13	23.68	-0.24	23.52	-0.08	1.96	0.66	-0.27	0.30	0.09	-0.45
		1428	35.59	33.47	0.03	33.47	0.03	0.11	0.56	-0.24	0.32	-2.73e-03	-0.36
		1429	29.17	27.50	0.05	27.50	0.05	0.02	0.57	-0.34	0.22	-5.20e-04	-0.44
1250	3	1402	5.61	5.52	-0.05	5.48	-9.16e-03	0.45	0.08	-0.06	0.02	2.41e-03	-0.07
		1403	6.67	6.47	-0.04	6.44	-7.18e-03	0.47	0.09	-0.04	0.04	9.34e-03	-0.06
		1428	9.12	8.86	0.02	8.86	0.02	0.05	0.08	-0.03	0.04	-5.26e-04	-0.05
		1429	7.72	7.59	0.02	7.59	0.02	-0.03	0.07	-0.05	0.02	2.45e-04	-0.06
1250	4	1402	8.41	7.87	-0.13	7.77	-0.03	0.92	0.29	-0.18	0.08	0.03	-0.24
		1403	10.14	9.57	-0.10	9.50	-0.02	0.84	0.27	-0.11	0.12	0.04	-0.19
		1428	14.47	13.62	0.02	13.62	0.02	0.06	0.23	-0.10	0.13	-1.15e-03	-0.15
		1429	11.84	11.14	0.03	11.14	0.03	-0.01	0.24	-0.14	0.09	-2.27e-04	-0.18
1251	1	1401	10.04	9.70	-0.11	9.61	-0.02	0.95	-0.02	-0.10	-0.08	-0.04	0.03
		1402	11.75	11.70	-0.09	11.62	-0.02	0.93	-3.92e-03	-0.02	-7.18e-03	-0.02	-6.93e-03
		1429	15.62	15.50	0.03	15.50	0.03	0.07	2.07e-03	-0.03	-0.02	-1.30e-03	-9.02e-03
		1430	13.47	12.99	0.03	12.99	0.03	-0.04	9.62e-03	-0.09	-0.08	2.68e-03	0.03
1251	2	1401	17.88	14.65	-0.61	14.11	-0.08	2.82	0.68	-0.57	0.08	0.03	-0.63
		1402	20.94	19.67	-0.39	19.35	-0.07	2.52	0.69	-0.42	0.21	0.06	-0.55
		1429	29.04	27.41	0.02	27.41	0.02	0.13	0.56	-0.35	0.22	-3.08e-03	-0.44
		1430	21.08	19.91	0.05	19.91	0.05	0.03	0.55	-0.45	0.10	1.34e-03	-0.49
1251	3	1401	4.67	4.34	-0.09	4.26	-0.01	0.59	0.06	-0.08	-0.01	-6.23e-03	-0.07
		1402	5.66	5.55	-0.07	5.49	-6.34e-03	0.61	0.08	-0.06	0.02	3.36e-03	-0.07
		1429	7.69	7.58	0.02	7.58	0.02	0.06	0.07	-0.05	0.02	-8.01e-04	-0.06
		1430	6.01	5.93	0.02	5.93	0.02	-0.03	0.05	-0.06	-0.01	9.58e-04	-0.06
1251	4	1401	7.23	5.82	-0.25	5.60	-0.03	1.14	0.29	-0.24	0.03	0.02	-0.27
		1402	8.52	7.92	-0.17	7.78	-0.02	1.08	0.29	-0.18	0.08	0.03	-0.23
		1429	11.77	11.11	0.02	11.10	0.02	0.07	0.24	-0.15	0.09	-1.33e-03	-0.19
		1430	8.50	7.98	0.03	7.98	0.03	-5.68e-03	0.23	-0.19	0.04	5.63e-04	-0.21
1252	1	1400	7.94	7.31	-0.22	7.12	-0.03	1.18	-4.01e-04	-0.23	-0.16	-0.07	0.11
		1401	10.00	9.74	-0.15	9.61	-0.01	1.16	-8.68e-03	-0.08	-0.06	-0.03	0.04
		1430	13.49	12.97	0.03	12.97	0.03	0.08	3.62e-03	-0.10	-0.09	-3.36e-03	0.03
		1431	10.81	9.82	0.03	9.82	0.03	-0.04	0.04	-0.19	-0.16	6.23e-03	0.08
1252	2	1400	15.03	9.11	-1.24	7.94	-0.07	3.28	0.61	-0.69	-0.07	-9.33e-04	-0.65
		1401	17.99	14.77	-0.68	14.14	-0.05	3.05	0.68	-0.55	0.10	0.04	-0.61
		1430	20.89	19.80	0.02	19.80	0.02	0.14	0.54	-0.46	0.08	-4.88e-03	-0.49
		1431	12.40	10.91	0.05	10.90	0.05	0.05	0.50	-0.53	-0.04	5.44e-03	-0.51
1252	3	1400	3.56	2.95	-0.19	2.77	-0.01	0.72	0.02	-0.09	-0.05	-0.02	-0.06
		1401	4.73	4.39	-0.13	4.27	-3.91e-03	0.75	0.06	-0.07	-4.80e-03	-3.54e-03	-0.07
		1430	6.03	5.92	0.02	5.92	0.02	0.06	0.05	-0.06	-0.02	-1.71e-03	-0.06
		1431	4.19	3.90	0.02	3.90	0.02	-0.03	0.03	-0.07	-0.05	2.58e-03	-0.04
1252	4	1400	6.15	3.52	-0.53	3.02	-0.03	1.34	0.27	-0.29	-0.03	3.65e-03	-0.28
		1401	7.35	5.90	-0.30	5.61	-0.02	1.31	0.29	-0.23	0.04	0.02	-0.26
		1430	8.41	7.94	0.01	7.94	0.02	0.08	0.23	-0.19	0.04	-2.16e-03	-0.21
		1431	4.86	4.22	0.03	4.22	0.03	2.08e-04	0.22	-0.23	-0.01	2.35e-03	-0.22
1253	1	1399	5.70	4.60	-0.49	4.14	-0.03	1.47	0.05	-0.43	-0.27	-0.11	0.22
		1400	7.77	7.39	-0.27	7.14	-0.01	1.37	0.03	-0.19	-0.11	-0.05	0.11
		1431	10.80	9.79	0.04	9.79	0.04	0.11	0.03	-0.21	-0.17	-7.88e-03	0.09
		1432	7.79	5.98	0.01	5.98	0.01	-0.07	0.09	-0.34	-0.26	0.01	0.17
1253	2	1399	13.25	4.12	-3.29	0.92	-0.08	3.68	0.50	-0.80	-0.26	-0.04	-0.64
		1400	15.07	9.32	-1.35	7.99	-0.02	3.52	0.63	-0.63	-0.02	0.01	-0.63
		1431	12.50	10.77	0.02	10.77	0.02	0.17	0.47	-0.56	-0.08	-0.01	-0.51
		1432	5.68	0.68	0.04	0.68	0.04	0.04	0.44	-0.60	-0.19	0.02	-0.51
1253	3	1399	2.38	1.50	-0.51	1.01	-0.02	0.86	-0.02	-0.12	-0.11	-0.03	-0.03
		1400	3.60	3.04	-0.25	2.78	-1.81e-04	0.88	0.03	-0.07	-0.03	-8.76e-03	-0.05
		1431	4.22	3.87	0.02	3.87	0.02	0.07	0.02	-0.08	-0.06	-4.16e-03	-0.04
		1432	2.03	1.48	0.02	1.48	0.02	-0.04	0.01	-0.09	-0.09	5.97e-03	-0.03
1253	4	1399	5.63	1.53	-1.50	0.06	-0.03	1.52	0.23	-0.34	-0.10	-7.80e-03	-0.28
		1400	6.26	3.66	-0.63	3.04	-3.13e-03	1.51	0.28	-0.27	-2.25e-03	0.01	-0.27
		1431	4.94	4.16	0.01	4.16	0.02	0.09	0.20	-0.24	-0.03	-5.29e-03	-0.22
		1432	2.41	0.03	-0.09	-0.09	0.03	-6.35e-04	0.20	-0.26	-0.07	7.23e-03	-0.23
1254	1	1398	7.28	2.37	-1.40	0.82	0.15	1.85	0.19	-0.62	-0.35	-0.09	0.38
		1399	5.93	4.64	-0.62	4.13	-0.11	1.55	0.09	-0.35	-0.18	-0.08	0.21
		1432	7.48	5.95	0.06	5.94	0.06	0.22	0.09	-0.33	-0.24	-5.97e-03	0.17
		1433	4.75	1.32	-0.04	1.29	-9.88e-03	-0.20	0.15	-0.51	-0.37	6.81e-03	0.27
1254	2	1398	13.95	1.95	-8.77	-6.96	0.14	4.02	0.35	-0.94	-0.51	-0.08	-0.61
		1399	13.34	4.49	-3.44	1.14	-0.08	3.92	0.59	-0.65	-0.09	0.03	-0.62
		1432	5.92	0.54	-0.08	0.39	0.07	0.27	0.37	-0.65	-0.24	-0.03	-0.50



		1433	13.68	-0.04	-10.48	-10.48	-0.04	-0.10	0.38	-0.68	-0.34	0.04	-0.49
1254	3	1398	2.65	0.70	-1.61	-0.97	0.06	1.03	-0.03	-0.16	-0.16	-0.03	8.28e-03
		1399	2.43	1.63	-0.62	1.04	-0.04	0.99	5.33e-03	-0.07	-0.05	-8.16e-03	-0.03
		1432	2.00	1.44	0.02	1.43	0.03	0.12	-1.64e-03	-0.10	-0.09	-7.21e-03	-0.02
1254	4	1433	2.18	6.37e-03	-1.34	-1.33	5.97e-04	-0.09	8.61e-03	-0.14	-0.14	8.55e-03	-2.93e-03
		1398	6.24	0.75	-3.97	-3.28	0.06	1.67	0.18	-0.42	-0.21	-0.03	-0.29
		1399	5.79	1.76	-1.63	0.15	-0.03	1.69	0.27	-0.28	-0.03	0.02	-0.27
		1432	2.55	0.09	-0.27	-0.21	0.04	0.13	0.17	-0.28	-0.09	-0.01	-0.22
1255	1	1433	6.16	-8.76e-03	-4.82	-4.82	-9.48e-03	-0.06	0.19	-0.29	-0.13	0.02	-0.23
		1397	7.94	0.94	-2.48	-2.35	0.81	0.66	0.36	-0.65	-0.38	0.09	0.44
		1398	7.28	1.55	-2.29	-0.52	-0.22	1.91	0.13	-0.61	-0.38	-0.10	0.34
		1433	4.21	1.45	0.01	1.41	0.06	0.26	0.17	-0.49	-0.33	0.01	0.28
1255	2	1434	5.72	-0.09	-2.41	-2.38	-0.12	-0.26	0.12	-0.61	-0.48	-0.02	0.28
		1397	17.19	1.45	-14.30	-12.90	0.05	4.49	0.16	-1.17	-0.80	-0.21	-0.59
		1398	13.57	1.29	-9.06	-7.58	-0.18	3.62	0.50	-0.66	-0.21	0.05	-0.56
		1433	13.76	0.06	-10.10	-10.08	0.05	0.38	0.21	-0.82	-0.54	-0.06	-0.46
1255	3	1434	25.87	0.04	-22.92	-22.92	0.04	3.41e-03	0.37	-0.65	-0.37	0.09	-0.46
		1397	4.45	0.44	-2.94	-2.75	0.25	0.77	-0.01	-0.22	-0.22	-0.01	0.02
		1398	2.80	0.52	-2.03	-1.42	-0.09	1.08	-4.61e-03	-0.11	-0.11	-4.67e-03	2.56e-03
		1433	2.19	0.05	-1.27	-1.26	0.03	0.14	-8.58e-03	-0.15	-0.15	-8.63e-03	2.74e-03
1255	4	1434	5.17	-0.02	-4.08	-4.08	-0.02	-0.09	0.01	-0.18	-0.18	0.01	-1.34e-04
		1397	7.67	0.59	-6.44	-5.88	0.02	1.91	0.09	-0.53	-0.34	-0.10	-0.29
		1398	6.26	0.55	-4.13	-3.51	-0.08	1.59	0.26	-0.28	-0.06	0.04	-0.26
		1433	6.17	0.04	-4.67	-4.66	0.03	0.18	0.11	-0.36	-0.21	-0.03	-0.22
1256	1	1434	11.41	0.02	-10.16	-10.16	0.02	-0.02	0.19	-0.29	-0.15	0.04	-0.22
		314	10.48	4.54	-1.67	1.34	1.53	-3.10	0.26	-0.66	-0.13	-0.26	0.46
		1397	10.97	-0.21	-6.06	-5.87	-0.41	1.06	0.11	-0.79	-0.71	0.03	0.26
		1434	5.05	0.05	-1.30	-1.30	0.04	-0.06	0.14	-0.61	-0.47	-3.91e-03	0.29
1256	2	331	6.09	-0.13	-1.97	-1.80	-0.30	0.54	0.20	-0.60	-0.43	0.03	0.33
		314	30.09	7.07	-22.44	-20.20	4.83	7.81	-0.61	-1.34	-1.25	-0.70	-0.25
		1397	22.82	-1.37	-17.42	-14.58	-4.21	6.12	1.08	-0.24	0.39	0.45	-0.66
		1434	23.27	0.45	-21.77	-21.77	0.44	0.31	0.38	-0.71	-0.19	-0.14	-0.55
1256	3	331	53.18	-0.39	-47.25	-47.21	-0.42	1.28	0.12	-1.00	-0.98	0.10	-0.14
		314	4.29	1.28	-2.65	-2.65	1.27	0.14	-0.12	-0.36	-0.24	-0.24	0.12
		1397	4.80	-0.37	-4.36	-3.94	-0.79	1.22	0.09	-0.13	-0.12	0.08	-0.05
		1434	4.53	0.10	-3.64	-3.64	0.10	0.05	-0.03	-0.15	-0.15	-0.03	-0.01
1256	4	331	9.30	-0.16	-7.41	-7.40	-0.18	0.33	0.05	-0.32	-0.30	0.03	0.09
		314	13.43	3.19	-9.96	-9.03	2.25	3.38	-0.34	-0.61	-0.58	-0.37	-0.09
		1397	10.48	-0.65	-7.79	-6.52	-1.92	2.73	0.52	-0.12	0.20	0.20	-0.32
		1434	10.32	0.22	-9.71	-9.71	0.22	0.16	0.19	-0.33	-0.07	-0.07	-0.26
1257	1	331	23.67	-0.20	-20.87	-20.85	-0.21	0.55	0.06	-0.46	-0.46	0.05	-0.05
		1339	13.70	4.21	-1.22	2.90	0.09	-2.32	0.48	-0.47	-0.18	0.19	0.44
		193	11.35	6.32	-2.96	3.15	0.20	-4.40	0.25	-0.21	0.22	-0.19	0.10
		246	35.82	-1.94	-19.39	-19.33	-2.00	0.98	-0.08	-1.41	-1.41	-0.08	-0.09
1257	2	1435	23.50	1.65	-13.16	-13.10	1.59	-0.89	0.77	-0.48	0.30	-0.02	0.60
		1339	69.53	34.03	-25.25	13.50	-4.71	-28.21	-1.15	-1.76	-1.41	-1.51	-0.30
		193	67.04	44.47	1.48	41.34	4.61	-11.17	0.49	-1.60	0.47	-1.58	-0.20
		246	244.79	-26.66	-194.64	-193.46	-27.84	-14.03	2.72	1.90	2.46	2.17	0.38
1257	3	1435	181.68	15.14	-130.61	-130.61	15.14	-0.04	-0.21	-1.23	-1.07	-0.36	-0.37
		1339	8.95	4.01	-2.36	1.96	-0.32	-2.98	-0.06	-0.27	-0.22	-0.10	0.09
		193	8.96	5.27	-0.63	4.25	0.38	-2.23	0.13	-0.25	0.13	-0.25	7.55e-03
		246	27.54	-2.83	-21.61	-21.57	-2.86	-0.84	0.24	-0.13	-0.13	0.24	0.01
1257	4	1435	19.70	1.73	-14.64	-14.64	1.73	-0.27	0.09	-0.17	-0.02	-0.05	0.13
		1339	26.53	12.86	-9.50	5.10	-1.74	-10.65	-0.46	-0.73	-0.58	-0.61	-0.13
		193	25.91	16.76	0.50	15.57	1.68	-4.23	0.21	-0.67	0.20	-0.66	-0.08
		246	93.16	-10.08	-73.61	-73.16	-10.52	-5.29	1.12	0.80	1.02	0.90	0.15
1258	1	1435	68.97	5.74	-49.45	-49.45	5.74	-0.02	-0.08	-0.50	-0.43	-0.15	-0.16
		1338	11.11	2.24	-2.09	0.29	-0.15	-2.15	0.32	-0.46	-0.11	-0.03	0.39
		1339	12.08	3.86	-1.66	2.41	-0.21	-2.43	0.52	-0.28	0.13	0.12	0.40
		1435	17.38	-0.24	-12.81	-12.77	-0.28	-0.65	0.27	-0.47	-0.14	-0.07	0.37
1258	2	1436	11.79	0.29	-6.50	-6.46	0.25	-0.51	0.49	-0.38	0.05	0.05	0.44
		1338	49.37	23.91	-17.72	8.54	-2.35	-20.09	-0.30	-0.76	-0.51	-0.55	0.23
		1339	51.08	30.98	-12.63	18.32	0.04	-19.80	0.23	-0.76	0.23	-0.75	0.06
		1435	169.42	-2.37	-131.96	-131.72	-2.61	-5.51	0.04	-0.85	-0.65	-0.15	-0.37
1258	3	1436	106.36	1.73	-82.58	-82.48	1.63	-2.96	0.33	-0.38	-0.17	0.12	0.32
		1338	7.15	2.62	-2.03	0.81	-0.22	-2.27	0.05	-0.20	-0.09	-0.06	0.12
		1339	7.24	3.69	-1.51	2.22	-0.04	-2.34	0.15	-0.11	0.08	-0.03	0.12
		1435	18.97	-0.26	-14.67	-14.64	-0.28	-0.62	-0.01	-0.14	-0.11	-0.04	0.06
1258	4	1436	11.51	0.24	-8.79	-8.77	0.22	-0.41	0.17	-0.13	6.71e-03	0.03	0.15
		1338	18.53	9.05	-6.67	3.25	-0.87	-7.58	-0.14	-0.29	-0.21	-0.22	0.08
		1339	19.51	11.72	-4.76	6.93	0.03	-7.48	0.11	-0.29	0.11	-0.29	0.02
		1435	64.30	-0.89	-49.97	-49.89	-0.97	-2.06	0.03	-0.35	-0.26	-0.07	-0.16
		1436	40.34	0.67	-31.34	-31.30	0.63	-1.14	0.13	-0.13	-0.06	0.05	0.12
1259	1	1337	10.38	1.00	-2.84	-1.70	-0.13	-1.75	0.38	-0.42	-0.04	-2.75e-04	0.40
		1338	10.90	2.11	-1.93	0.28	-0.10	-2.01	0.43	-0.37	0.03	0.03	0.40
		1436	10.84	0.06	-6.46	-6.42	0.03	-0.51	0.37	-0.42	-0.04	-0.02	0.40
		1437	7.69	0.26	-1.25	-1.05	0.07	-0.51	0.41	-0.38	0.02	0.01	0.40



1259	2	1337	43.06	17.19	-15.57	2.91	-1.28	-16.25	0.24	-0.70	-0.21	-0.25	0.47
		1338	44.56	22.32	-14.86	8.79	-1.32	-17.89	0.17	-0.53	0.02	-0.38	0.29
		1436	106.21	0.17	-82.33	-82.17	1.49e-03	-3.69	4.31e-03	-0.47	-0.40	-0.07	0.18
		1437	53.88	0.45	-42.23	-42.06	0.28	-2.69	0.43	-0.49	-0.10	0.04	0.45
1259	3	1337	6.37	1.64	-2.03	-0.26	-0.13	-1.84	0.12	-0.18	-0.04	-0.02	0.15
		1338	6.71	2.47	-1.77	0.83	-0.12	-2.07	0.13	-0.14	0.02	-0.02	0.13
		1436	11.37	0.04	-8.75	-8.73	0.02	-0.43	0.09	-0.15	-0.05	-0.01	0.12
		1437	5.79	0.09	-3.89	-3.85	0.05	-0.39	0.15	-0.14	-7.94e-04	9.20e-03	0.15
1259	4	1337	16.13	6.50	-5.86	1.10	-0.47	-6.13	0.08	-0.26	-0.09	-0.10	0.17
		1338	16.73	8.47	-5.61	3.35	-0.49	-6.77	0.07	-0.19	0.02	-0.14	0.10
		1436	40.35	0.07	-31.24	-31.18	0.01	-1.37	-9.56e-03	-0.18	-0.16	-0.03	0.06
		1437	20.48	0.18	-16.07	-16.00	0.12	-1.04	0.16	-0.17	-0.03	0.02	0.16
1260	1	1336	10.26	0.42	-4.16	-3.63	-0.10	-1.46	0.40	-0.37	-7.83e-03	0.04	0.38
		1337	10.21	0.90	-2.77	-1.77	-0.10	-1.64	0.41	-0.38	0.01	0.02	0.40
		1437	7.44	0.21	-1.15	-0.99	0.05	-0.44	0.39	-0.40	-8.87e-03	-4.73e-03	0.39
		1438	8.22	3.64	-9.65e-03	3.58	0.05	-0.44	0.39	-0.36	0.03	3.89e-03	0.38
1260	2	1336	37.74	11.68	-14.83	-2.10	-1.06	-13.25	0.46	-0.65	-0.09	-0.09	0.56
		1337	39.75	15.61	-14.35	2.59	-1.33	-14.85	0.37	-0.57	-0.01	-0.19	0.46
		1437	53.96	0.46	-41.85	-41.64	0.25	-2.98	0.32	-0.54	-0.20	-0.02	0.43
		1438	17.03	0.65	-9.27	-8.76	0.13	-2.20	0.51	-0.54	-0.04	0.01	0.53
1260	3	1336	5.87	0.92	-2.31	-1.29	-0.10	-1.51	0.14	-0.16	-0.01	2.20e-03	0.15
		1337	6.09	1.50	-1.93	-0.31	-0.12	-1.71	0.15	-0.15	4.94e-03	-7.32e-03	0.15
		1437	5.54	0.08	-3.83	-3.80	0.05	-0.36	0.13	-0.16	-0.02	-4.02e-03	0.14
		1438	3.12	0.52	-0.20	0.28	0.04	-0.34	0.15	-0.14	4.95e-03	2.57e-03	0.15
1260	4	1336	14.12	4.40	-5.61	-0.83	-0.39	-5.00	0.16	-0.24	-0.04	-0.04	0.20
		1337	14.91	5.92	-5.43	0.98	-0.49	-5.63	0.13	-0.21	-2.28e-03	-0.07	0.16
		1437	20.55	0.18	-15.92	-15.84	0.11	-1.11	0.11	-0.20	-0.08	-8.93e-03	0.15
		1438	6.44	0.27	-3.58	-3.38	0.06	-0.86	0.19	-0.20	-0.02	4.64e-03	0.19
1261	1	1335	10.47	0.17	-5.62	-5.36	-0.09	-1.19	0.39	-0.31	0.01	0.07	0.35
		1336	10.06	0.33	-4.12	-3.69	-0.09	-1.31	0.41	-0.35	0.01	0.04	0.38
		1438	8.18	3.69	0.02	3.65	0.06	-0.38	0.38	-0.37	0.02	-1.58e-03	0.38
		1439	10.91	7.48	0.02	7.46	0.04	-0.37	0.37	-0.32	0.05	1.12e-03	0.34
1261	2	1335	32.92	7.36	-14.55	-6.23	-0.96	-10.63	0.56	-0.57	-0.03	0.02	0.57
		1336	34.93	10.22	-13.80	-2.40	-1.18	-12.00	0.51	-0.58	-5.80e-03	-0.06	0.55
		1438	17.00	0.88	-9.05	-8.41	0.24	-2.44	0.48	-0.57	-0.08	-7.79e-03	0.53
		1439	25.70	18.27	-0.05	18.10	0.12	-1.74	0.55	-0.53	0.02	3.35e-03	0.54
1261	3	1335	5.56	0.47	-2.74	-2.18	-0.09	-1.22	0.15	-0.13	-1.09e-03	0.02	0.14
		1336	5.64	0.79	-2.23	-1.33	-0.11	-1.38	0.15	-0.14	4.59e-03	8.16e-03	0.15
		1438	3.04	0.51	-0.14	0.33	0.05	-0.30	0.14	-0.15	-3.74e-03	-1.42e-03	0.15
		1439	5.26	3.68	0.01	3.66	0.03	-0.28	0.15	-0.13	0.01	8.51e-04	0.14
1261	4	1335	12.33	2.75	-5.54	-2.44	-0.35	-4.01	0.20	-0.21	-0.01	7.16e-03	0.21
		1336	13.10	3.87	-5.25	-0.95	-0.43	-4.55	0.19	-0.21	-1.37e-03	-0.02	0.20
		1438	6.34	0.33	-3.48	-3.25	0.10	-0.91	0.17	-0.21	-0.03	-3.26e-03	0.19
		1439	9.65	6.89	-0.01	6.82	0.06	-0.69	0.20	-0.19	5.17e-03	1.51e-03	0.20
1262	1	1334	10.80	0.05	-6.91	-6.78	-0.08	-0.95	0.36	-0.24	0.03	0.09	0.30
		1335	10.28	0.10	-5.60	-5.41	-0.09	-1.04	0.39	-0.30	0.02	0.07	0.35
		1439	10.91	7.53	0.04	7.52	0.05	-0.31	0.36	-0.32	0.04	-6.92e-04	0.34
		1440	14.41	10.58	0.03	10.57	0.04	-0.30	0.33	-0.26	0.07	2.62e-04	0.29
1262	2	1334	28.60	4.15	-14.56	-9.54	-0.87	-8.29	0.58	-0.46	9.33e-03	0.11	0.52
		1335	30.42	6.04	-13.56	-6.48	-1.04	-9.42	0.58	-0.54	0.01	0.04	0.56
		1439	26.32	18.59	2.69e-03	18.38	0.21	-1.96	0.54	-0.55	-3.60e-03	-3.77e-03	0.54
		1440	49.78	39.22	0.07	39.17	0.12	-1.32	0.53	-0.47	0.07	9.26e-04	0.50
1262	3	1334	5.38	0.21	-3.21	-2.92	-0.08	-0.95	0.14	-0.10	7.74e-03	0.03	0.12
		1335	5.36	0.36	-2.68	-2.22	-0.10	-1.09	0.16	-0.12	7.90e-03	0.02	0.14
		1439	5.28	3.72	0.03	3.70	0.05	-0.24	0.14	-0.13	0.01	-6.53e-04	0.14
		1440	8.27	6.36	0.03	6.35	0.03	-0.22	0.13	-0.11	0.02	2.85e-04	0.12
1262	4	1334	10.76	1.54	-5.59	-3.74	-0.32	-3.13	0.21	-0.17	1.27e-03	0.04	0.19
		1335	11.43	2.28	-5.19	-2.53	-0.38	-3.58	0.21	-0.19	4.34e-03	0.01	0.20
		1439	9.85	7.00	0.02	6.92	0.09	-0.73	0.19	-0.20	-3.44e-03	-1.57e-03	0.20
		1440	18.80	14.84	0.04	14.83	0.06	-0.53	0.19	-0.17	0.02	4.82e-04	0.18
1263	1	1333	11.06	-0.01	-7.91	-7.84	-0.08	-0.71	0.31	-0.16	0.05	0.11	0.23
		1334	10.63	1.96e-03	-6.91	-6.82	-0.09	-0.78	0.36	-0.23	0.04	0.09	0.30
		1440	14.49	10.62	0.05	10.62	0.05	-0.24	0.33	-0.26	0.07	-5.21e-04	0.29
		1441	17.23	12.92	0.04	12.91	0.04	-0.22	0.28	-0.19	0.09	-1.07e-04	0.23
1263	2	1333	24.81	1.92	-14.80	-12.07	-0.80	-6.18	0.54	-0.33	0.04	0.17	0.43
		1334	26.36	3.02	-13.68	-9.73	-0.93	-7.10	0.59	-0.44	0.03	0.12	0.51
		1440	49.91	39.44	0.13	39.38	0.19	-1.53	0.53	-0.47	0.06	-2.23e-03	0.50
		1441	69.82	55.02	0.10	55.00	0.12	-0.94	0.47	-0.37	0.10	-6.72e-05	0.41
1263	3	1333	5.27	0.07	-3.62	-3.47	-0.08	-0.71	0.13	-0.07	0.01	0.04	0.10
		1334	5.22	0.13	-3.17	-2.94	-0.09	-0.83	0.15	-0.10	0.01	0.04	0.12
		1440	8.30	6.39	0.04	6.38	0.04	-0.18	0.13	-0.11	0.02	-4.02e-04	0.12
		1441	10.81	8.38	0.03	8.38	0.03	-0.17	0.11	-0.08	0.03	3.68e-05	0.10
1263	4	1333	9.41	0.71	-5.73	-4.73	-0.29	-2.33	0.19	-0.12	0.01	0.06	0.16
		1334	9.96	1.14	-5.28	-3.81	-0.34	-2.70	0.21	-0.16	0.01	0.04	0.19
		1440	18.87	14.93	0.06	14.91	0.08	-0.56	0.19	-0.17	0.02	-9.09e-04	0.18
		1441	26.42	20.85	0.05	20.85	0.06	-0.38	0.17	-0.13	0.04	4.85e-05	0.15
1264	1	1332	11.20	-0.05	-8.55	-8.52	-0.07	-0.48	0.25	-0.07	0.06	0.13	0.16



		1333	10.94	-0.05	-7.91	-7.87	-0.09	-0.55	0.32	-0.15	0.05	0.11	0.23
		1441	17.29	12.95	0.05	12.94	0.05	-0.16	0.28	-0.19	0.09	-7.19e-04	0.23
		1442	19.15	14.49	0.04	14.49	0.04	-0.14	0.21	-0.11	0.10	-1.73e-04	0.16
1264	2	1332	21.70	0.49	-15.11	-13.86	-0.75	-4.22	0.45	-0.18	0.05	0.22	0.30
		1333	22.90	1.04	-14.09	-12.21	-0.84	-4.99	0.54	-0.32	0.05	0.18	0.42
		1441	69.91	55.18	0.14	55.15	0.17	-1.14	0.47	-0.37	0.10	-1.52e-03	0.41
		1442	83.77	66.02	0.11	66.01	0.12	-0.58	0.37	-0.24	0.13	-5.27e-04	0.29
1264	3	1332	5.19	-0.01	-3.91	-3.85	-0.07	-0.48	0.11	-0.03	0.02	0.05	0.07
		1333	5.15	0.01	-3.59	-3.49	-0.08	-0.59	0.13	-0.07	0.02	0.05	0.10
		1441	10.84	8.40	0.04	8.40	0.04	-0.12	0.11	-0.08	0.03	-3.68e-04	0.10
		1442	12.58	9.77	0.03	9.77	0.03	-0.11	0.09	-0.05	0.04	-5.27e-05	0.07
1264	4	1332	8.33	0.18	-5.88	-5.43	-0.27	-1.59	0.16	-0.06	0.02	0.08	0.11
		1333	8.74	0.39	-5.48	-4.78	-0.31	-1.90	0.20	-0.12	0.02	0.06	0.15
		1441	26.46	20.91	0.07	20.91	0.08	-0.42	0.17	-0.13	0.04	-6.06e-04	0.15
		1442	31.73	25.04	0.05	25.04	0.06	-0.24	0.13	-0.09	0.05	-1.58e-04	0.11
1265	1	1331	11.21	-0.06	-8.86	-8.85	-0.07	-0.26	0.18	0.01	0.06	0.13	0.08
		1332	11.11	-0.07	-8.55	-8.53	-0.08	-0.31	0.25	-0.07	0.06	0.13	0.16
		1442	19.18	14.50	0.05	14.50	0.05	-0.08	0.21	-0.11	0.10	-9.33e-04	0.16
		1443	20.18	15.33	0.04	15.33	0.04	-0.08	0.15	-0.04	0.11	2.42e-05	0.08
1265	2	1331	19.47	-0.34	-15.32	-14.93	-0.73	-2.38	0.34	-0.02	0.07	0.25	0.16
		1332	20.25	-0.11	-14.62	-13.95	-0.78	-3.04	0.45	-0.17	0.06	0.22	0.30
		1442	83.84	66.12	0.14	66.11	0.15	-0.78	0.37	-0.24	0.13	-1.17e-03	0.29
		1443	91.99	72.51	0.12	72.51	0.12	-0.24	0.25	-0.10	0.15	-7.51e-04	0.15
1265	3	1331	5.12	-0.05	-4.07	-4.05	-0.07	-0.26	0.08	1.13e-03	0.02	0.06	0.03
		1332	5.10	-0.04	-3.89	-3.86	-0.08	-0.36	0.11	-0.03	0.02	0.05	0.07
		1442	12.59	9.79	0.04	9.79	0.04	-0.07	0.09	-0.05	0.04	-3.83e-04	0.07
		1443	13.59	10.57	0.03	10.57	0.03	-0.06	0.06	-0.02	0.04	-3.12e-05	0.03
1265	4	1331	7.57	-0.13	-5.99	-5.85	-0.26	-0.89	0.12	-9.82e-03	0.02	0.09	0.06
		1332	7.83	-0.03	-5.72	-5.47	-0.28	-1.16	0.16	-0.06	0.02	0.08	0.11
		1442	31.76	25.08	0.07	25.08	0.07	-0.28	0.13	-0.09	0.05	-4.55e-04	0.11
		1443	34.87	27.51	0.06	27.51	0.06	-0.11	0.09	-0.04	0.05	-2.61e-04	0.06
1266	1	1330	11.15	-0.06	-8.90	-8.90	-0.06	-0.05	0.13	0.07	0.07	0.13	-2.63e-03
		1331	11.16	-0.07	-8.85	-8.85	-0.07	-0.10	0.18	0.01	0.06	0.13	0.08
		1443	20.19	15.33	0.04	15.33	0.04	-0.01	0.15	-0.04	0.11	-7.40e-04	0.08
		1444	20.40	15.52	0.04	15.52	0.04	-0.02	0.11	1.14e-04	0.11	1.34e-04	-1.46e-03
1266	2	1330	19.31	-0.70	-15.33	-15.30	-0.72	-0.59	0.25	0.07	0.07	0.25	-2.83e-04
		1331	18.82	-0.64	-15.08	-14.98	-0.74	-1.20	0.34	-0.02	0.07	0.25	0.16
		1443	92.03	72.56	0.14	72.56	0.14	-0.44	0.24	-0.09	0.15	-9.93e-04	0.15
		1444	94.72	74.67	0.13	74.67	0.13	0.10	0.16	-8.83e-04	0.16	-8.77e-04	9.38e-04
1266	3	1330	5.14	-0.06	-4.10	-4.10	-0.07	-0.05	0.06	0.02	0.02	0.06	-7.64e-04
		1331	5.09	-0.07	-4.06	-4.05	-0.07	-0.14	0.08	1.73e-03	0.02	0.06	0.03
		1443	13.59	10.58	0.04	10.58	0.04	-0.02	0.06	-0.02	0.04	-2.99e-04	0.03
		1444	13.89	10.81	0.04	10.81	0.04	-0.02	0.04	-2.46e-05	0.04	-2.11e-05	-3.84e-04
1266	4	1330	7.57	-0.26	-6.01	-6.00	-0.26	-0.21	0.09	0.02	0.02	0.09	-6.81e-05
		1331	7.38	-0.23	-5.91	-5.87	-0.27	-0.47	0.12	-9.11e-03	0.02	0.09	0.06
		1443	34.88	27.53	0.06	27.53	0.06	-0.15	0.09	-0.03	0.05	-3.74e-04	0.06
		1444	35.91	28.34	0.06	28.34	0.06	0.02	0.06	-3.23e-04	0.06	-3.21e-04	3.25e-04
1267	1	1329	11.05	-0.06	-8.72	-8.72	-0.06	0.14	0.18	8.93e-03	0.06	0.13	-0.08
		1330	11.15	-0.06	-8.89	-8.89	-0.06	0.11	0.13	0.07	0.07	0.13	-2.29e-03
		1444	20.39	15.52	0.04	15.51	0.04	0.04	0.11	-2.34e-04	0.11	-2.00e-04	-1.93e-03
		1445	19.93	15.13	0.04	15.13	0.04	0.03	0.15	-0.04	0.11	-1.93e-04	-0.08
1267	2	1329	18.82	-0.64	-15.08	-14.98	-0.74	1.20	0.34	-0.02	0.07	0.25	-0.16
		1330	19.31	-0.70	-15.33	-15.30	-0.72	0.59	0.25	0.07	0.07	0.25	2.83e-04
		1444	94.72	74.67	0.13	74.67	0.13	-0.10	0.16	-8.83e-04	0.16	-8.77e-04	-9.38e-04
		1445	92.03	72.56	0.14	72.56	0.14	0.44	0.24	-0.09	0.15	-9.93e-04	-0.15
1267	3	1329	5.04	-0.06	-4.02	-4.01	-0.07	0.15	0.08	5.05e-04	0.02	0.05	-0.03
		1330	5.14	-0.06	-4.10	-4.10	-0.07	0.07	0.06	0.02	0.02	0.06	-6.94e-04
		1444	13.88	10.81	0.04	10.81	0.04	0.03	0.04	-1.29e-04	0.04	-1.20e-04	-6.19e-04
		1445	13.52	10.52	0.04	10.52	0.04	0.03	0.06	-0.02	0.04	-1.37e-04	-0.03
1267	4	1329	7.38	-0.23	-5.91	-5.87	-0.27	0.47	0.12	-9.11e-03	0.02	0.09	-0.06
		1330	7.57	-0.26	-6.01	-6.00	-0.26	0.21	0.09	0.02	0.02	0.09	6.81e-05
		1444	35.91	28.34	0.06	28.34	0.06	-0.02	0.06	-3.23e-04	0.06	-3.21e-04	-3.25e-04
		1445	34.88	27.53	0.06	27.53	0.06	0.15	0.09	-0.03	0.05	-3.74e-04	-0.06
1268	1	1328	10.92	-0.05	-8.34	-8.32	-0.07	0.34	0.25	-0.07	0.06	0.12	-0.16
		1329	11.09	-0.04	-8.72	-8.71	-0.05	0.30	0.18	8.75e-03	0.06	0.13	-0.08
		1445	19.91	15.12	0.04	15.12	0.04	0.10	0.15	-0.04	0.11	1.46e-04	-0.08
		1446	18.78	14.18	0.05	14.18	0.05	0.09	0.21	-0.11	0.10	-7.27e-04	-0.16
1268	2	1328	20.25	-0.11	-14.62	-13.95	-0.78	3.04	0.45	-0.17	0.06	0.22	-0.30
		1329	19.47	-0.34	-15.32	-14.93	-0.73	2.38	0.34	-0.02	0.07	0.25	-0.16
		1445	91.99	72.51	0.12	72.51	0.12	0.24	0.25	-0.10	0.15	-7.51e-04	-0.15
		1446	83.84	66.12	0.14	66.11	0.15	0.78	0.37	-0.24	0.13	-1.17e-03	-0.29
1268	3	1328	5.05	-0.04	-3.83	-3.80	-0.07	0.36	0.10	-0.03	0.02	0.05	-0.07
		1329	5.08	-0.05	-4.03	-4.01	-0.06	0.28	0.08	1.53e-04	0.02	0.05	-0.03
		1445	13.51	10.51	0.03	10.51	0.03	0.07	0.06	-0.02	0.04	4.91e-06	-0.03
		1446	12.48	9.69	0.04	9.69	0.04	0.07	0.09	-0.05	0.04	-3.22e-04	-0.07
1268	4	1328	7.83	-0.03	-5.72	-5.47	-0.28	1.16	0.16	-0.06	0.02	0.08	-0.11
		1329	7.57	-0.13	-5.99	-5.85	-0.26	0.89	0.12	-9.82e-03	0.02	0.09	-0.06



		1445	34.87	27.51	0.06	27.51	0.06	0.11	0.09	-0.04	0.05	-2.61e-04	-0.06
		1446	31.76	25.08	0.07	25.08	0.07	0.28	0.13	-0.09	0.05	-4.55e-04	-0.11
1269	1	1327	10.75	-0.04	-7.71	-7.67	-0.08	0.55	0.31	-0.15	0.05	0.11	-0.23
		1328	11.01	-0.03	-8.34	-8.31	-0.06	0.50	0.25	-0.07	0.06	0.12	-0.16
		1446	18.75	14.16	0.04	14.16	0.04	0.15	0.21	-0.11	0.10	7.26e-05	-0.16
		1447	16.90	12.61	0.05	12.61	0.05	0.15	0.28	-0.19	0.09	-9.33e-04	-0.23
1269	2	1327	22.90	1.04	-14.09	-12.21	-0.84	4.99	0.54	-0.32	0.05	0.18	-0.42
		1328	21.70	0.49	-15.11	-13.86	-0.75	4.22	0.45	-0.18	0.05	0.22	-0.30
		1446	83.77	66.02	0.11	66.01	0.12	0.58	0.37	-0.24	0.13	-5.27e-04	-0.29
		1447	69.91	55.18	0.14	55.15	0.17	1.14	0.47	-0.37	0.10	-1.52e-03	-0.41
1269	3	1327	5.09	0.02	-3.54	-3.44	-0.08	0.59	0.13	-0.07	0.02	0.05	-0.10
		1328	5.13	-5.72e-03	-3.85	-3.79	-0.07	0.49	0.10	-0.03	0.02	0.05	-0.07
		1446	12.46	9.68	0.03	9.68	0.03	0.12	0.09	-0.05	0.04	2.01e-05	-0.07
		1447	10.73	8.30	0.04	8.30	0.04	0.12	0.11	-0.08	0.03	-4.31e-04	-0.10
1269	4	1327	8.74	0.39	-5.48	-4.78	-0.31	1.90	0.20	-0.12	0.02	0.06	-0.15
		1328	8.33	0.18	-5.88	-5.43	-0.27	1.59	0.16	-0.06	0.02	0.08	-0.11
		1446	31.73	25.04	0.05	25.04	0.06	0.24	0.13	-0.09	0.05	-1.58e-04	-0.11
		1447	26.46	20.91	0.07	20.91	0.08	0.42	0.17	-0.13	0.04	-6.06e-04	-0.15
1270	1	1326	10.52	8.82e-03	-6.80	-6.71	-0.08	0.77	0.36	-0.23	0.04	0.09	-0.29
		1327	10.88	-1.56e-03	-7.72	-7.65	-0.07	0.71	0.31	-0.15	0.05	0.11	-0.23
		1447	16.85	12.58	0.04	12.58	0.04	0.21	0.28	-0.19	0.09	-5.81e-05	-0.23
		1448	14.22	10.36	0.04	10.36	0.05	0.22	0.33	-0.26	0.07	-7.66e-04	-0.29
1270	2	1326	26.36	3.02	-13.68	-9.73	-0.93	7.10	0.59	-0.44	0.03	0.12	-0.51
		1327	24.81	1.92	-14.80	-12.07	-0.80	6.18	0.54	-0.33	0.04	0.17	-0.43
		1447	69.82	55.02	0.10	55.00	0.12	0.94	0.47	-0.37	0.10	-6.72e-05	-0.41
		1448	49.91	39.44	0.13	39.38	0.19	1.53	0.53	-0.47	0.06	-2.23e-03	-0.50
1270	3	1326	5.18	0.14	-3.14	-2.91	-0.09	0.82	0.15	-0.10	0.01	0.04	-0.12
		1327	5.22	0.07	-3.56	-3.42	-0.07	0.71	0.13	-0.07	0.02	0.04	-0.10
		1447	10.70	8.28	0.03	8.28	0.03	0.17	0.11	-0.08	0.03	5.12e-05	-0.10
		1448	8.22	6.31	0.04	6.31	0.04	0.18	0.13	-0.11	0.02	-4.75e-04	-0.12
1270	4	1326	9.96	1.14	-5.28	-3.81	-0.34	2.70	0.21	-0.16	0.01	0.04	-0.19
		1327	9.41	0.71	-5.73	-4.73	-0.29	2.33	0.19	-0.12	0.01	0.06	-0.16
		1447	26.42	20.85	0.05	20.85	0.06	0.38	0.17	-0.13	0.04	4.85e-05	-0.15
		1448	18.87	14.93	0.06	14.91	0.08	0.56	0.19	-0.17	0.02	-9.09e-04	-0.18
1271	1	1325	10.23	0.10	-5.61	-5.43	-0.08	1.00	0.39	-0.29	0.03	0.07	-0.34
		1326	10.68	0.06	-6.81	-6.68	-0.07	0.93	0.36	-0.23	0.04	0.09	-0.29
		1448	14.14	10.32	0.03	10.32	0.04	0.28	0.33	-0.26	0.07	1.59e-04	-0.29
		1449	10.82	7.41	0.04	7.40	0.05	0.29	0.36	-0.32	0.05	-7.09e-04	-0.34
1271	2	1325	30.42	6.04	-13.56	-6.48	-1.04	9.42	0.58	-0.54	0.01	0.04	-0.56
		1326	28.60	4.15	-14.56	-9.54	-0.87	8.29	0.58	-0.46	9.33e-03	0.11	-0.52
		1448	49.78	39.22	0.07	39.17	0.12	1.32	0.53	-0.47	0.07	9.26e-04	-0.50
		1449	26.32	18.59	2.70e-03	18.38	0.21	1.96	0.54	-0.55	-3.60e-03	-3.77e-03	-0.54
1271	3	1325	5.34	0.36	-2.68	-2.22	-0.10	1.08	0.16	-0.12	8.98e-03	0.02	-0.14
		1326	5.35	0.21	-3.18	-2.89	-0.08	0.95	0.14	-0.10	9.24e-03	0.03	-0.12
		1448	8.19	6.28	0.03	6.27	0.03	0.22	0.13	-0.11	0.02	2.55e-04	-0.12
		1449	5.22	3.68	0.03	3.67	0.04	0.23	0.14	-0.13	0.01	-6.58e-04	-0.14
1271	4	1325	11.43	2.28	-5.19	-2.53	-0.38	3.58	0.21	-0.19	4.34e-03	0.01	-0.20
		1326	10.76	1.54	-5.59	-3.74	-0.32	3.13	0.21	-0.17	1.27e-03	0.04	-0.19
		1448	18.80	14.84	0.04	14.83	0.06	0.53	0.19	-0.17	0.02	4.82e-04	-0.18
		1449	9.86	7.00	0.02	6.92	0.09	0.73	0.19	-0.20	-3.44e-03	-1.57e-03	-0.20
1272	1	1324	10.02	0.30	-4.23	-3.85	-0.08	1.25	0.41	-0.35	0.02	0.04	-0.38
		1325	10.42	0.16	-5.62	-5.38	-0.08	1.16	0.39	-0.30	0.02	0.07	-0.34
		1449	10.72	7.36	0.02	7.34	0.04	0.35	0.37	-0.31	0.05	9.94e-04	-0.34
		1450	8.14	3.76	0.02	3.73	0.05	0.35	0.38	-0.36	0.02	-1.37e-03	-0.37
1272	2	1324	34.93	10.22	-13.80	-2.40	-1.18	12.00	0.51	-0.58	-5.80e-03	-0.06	-0.55
		1325	32.92	7.36	-14.55	-6.23	-0.96	10.63	0.56	-0.57	-0.03	0.02	-0.57
		1449	25.70	18.27	-0.05	18.10	0.12	1.74	0.55	-0.53	0.02	3.35e-03	-0.54
		1450	17.00	0.88	-9.05	-8.41	0.24	2.44	0.48	-0.57	-0.08	-7.79e-03	-0.53
1272	3	1324	5.61	0.76	-2.25	-1.38	-0.11	1.37	0.15	-0.14	5.20e-03	8.31e-03	-0.15
		1325	5.54	0.46	-2.74	-2.19	-0.09	1.21	0.15	-0.13	3.39e-04	0.02	-0.14
		1449	5.20	3.65	0.01	3.63	0.03	0.27	0.14	-0.13	0.02	8.14e-04	-0.14
		1450	3.02	0.52	-0.13	0.35	0.05	0.29	0.14	-0.15	-2.57e-03	-1.36e-03	-0.15
1272	4	1324	13.10	3.87	-5.25	-0.95	-0.43	4.55	0.19	-0.21	-1.37e-03	-0.02	-0.20
		1325	12.33	2.75	-5.54	-2.44	-0.35	4.01	0.20	-0.21	-0.01	7.16e-03	-0.21
		1449	9.65	6.89	-0.01	6.82	0.06	0.69	0.20	-0.19	5.17e-03	1.51e-03	-0.20
		1450	6.34	0.33	-3.48	-3.25	0.10	0.91	0.17	-0.21	-0.03	-3.26e-03	-0.19
1273	1	1323	10.07	0.77	-2.89	-2.05	-0.08	1.54	0.41	-0.38	0.01	0.03	-0.40
		1324	10.20	0.37	-4.26	-3.79	-0.09	1.39	0.40	-0.36	-3.23e-03	0.04	-0.38
		1450	8.19	3.71	-3.40e-03	3.67	0.05	0.42	0.39	-0.36	0.03	3.69e-03	-0.37
		1451	7.31	0.24	-0.84	-0.65	0.05	0.41	0.39	-0.40	-4.55e-03	-4.22e-03	-0.39
1273	2	1323	39.75	15.61	-14.35	2.59	-1.33	14.85	0.37	-0.57	-0.01	-0.19	-0.46
		1324	37.74	11.68	-14.83	-2.10	-1.06	13.25	0.46	-0.65	-0.09	-0.09	-0.56
		1450	17.03	0.65	-9.27	-8.76	0.13	2.20	0.51	-0.54	-0.04	0.01	-0.53
		1451	53.96	0.46	-41.85	-41.64	0.25	2.98	0.32	-0.54	-0.20	-0.02	-0.43
1273	3	1323	6.03	1.43	-1.94	-0.39	-0.12	1.68	0.15	-0.15	5.05e-03	-6.90e-03	-0.15
		1324	5.84	0.89	-2.33	-1.33	-0.10	1.49	0.14	-0.15	-0.01	2.55e-03	-0.15
		1450	3.09	0.53	-0.19	0.30	0.04	0.33	0.15	-0.14	5.71e-03	2.51e-03	-0.15



		1451	5.43	0.08	-3.73	-3.70	0.05	0.35	0.13	-0.15	-0.02	-3.86e-03	-0.14
1273	4	1323	14.91	5.92	-5.43	0.98	-0.49	5.63	0.13	-0.21	-2.28e-03	-0.07	-0.16
		1324	14.12	4.40	-5.61	-0.83	-0.39	5.00	0.16	-0.24	-0.04	-0.04	-0.20
		1450	6.44	0.27	-3.58	-3.38	0.06	0.86	0.19	-0.20	-0.02	4.64e-03	-0.19
		1451	20.55	0.18	-15.92	-15.84	0.11	1.11	0.11	-0.20	-0.08	-8.93e-03	-0.15
1274	1	1322	10.65	1.80	-1.99	-0.10	-0.09	1.89	0.43	-0.37	0.03	0.03	-0.40
		1323	10.21	0.84	-2.95	-1.99	-0.13	1.65	0.38	-0.41	-0.03	2.63e-03	-0.39
		1451	7.55	0.30	-0.94	-0.71	0.07	0.48	0.41	-0.38	0.02	0.01	-0.40
		1452	10.30	0.06	-5.82	-5.78	0.02	0.48	0.38	-0.42	-0.03	-0.02	-0.40
1274	2	1322	44.56	22.32	-14.86	8.79	-1.32	17.89	0.17	-0.53	0.02	-0.38	-0.29
		1323	43.06	17.19	-15.57	2.91	-1.28	16.25	0.24	-0.70	-0.21	-0.25	-0.47
		1451	53.88	0.45	-42.23	-42.06	0.28	2.69	0.43	-0.49	-0.10	0.04	-0.45
		1452	106.21	0.17	-82.33	-82.17	1.49e-03	3.69	4.31e-03	-0.47	-0.40	-0.07	-0.18
1274	3	1322	6.63	2.37	-1.78	0.71	-0.12	2.03	0.13	-0.14	0.02	-0.02	-0.13
		1323	6.30	1.57	-2.05	-0.35	-0.13	1.81	0.12	-0.17	-0.03	-0.02	-0.15
		1451	5.68	0.09	-3.79	-3.75	0.05	0.39	0.15	-0.14	-3.04e-04	9.00e-03	-0.15
		1452	11.12	0.04	-8.56	-8.54	0.02	0.42	0.09	-0.15	-0.05	-0.01	-0.12
1274	4	1322	16.73	8.47	-5.61	3.35	-0.49	6.77	0.07	-0.19	0.02	-0.14	-0.10
		1323	16.13	6.50	-5.86	1.10	-0.47	6.13	0.08	-0.26	-0.09	-0.10	-0.17
		1451	20.48	0.18	-16.07	-16.00	0.12	1.04	0.16	-0.17	-0.03	0.02	-0.16
		1452	40.35	0.07	-31.24	-31.18	0.01	1.37	-9.56e-03	-0.18	-0.16	-0.03	-0.06
1275	1	1321	11.82	3.41	-1.69	1.94	-0.23	2.31	0.53	-0.28	0.12	0.13	-0.40
		1322	10.77	1.90	-2.11	-0.09	-0.13	2.01	0.34	-0.46	-0.09	-0.03	-0.39
		1452	11.21	0.28	-5.85	-5.81	0.24	0.49	0.49	-0.39	0.05	0.05	-0.44
		1453	16.19	-0.23	-11.81	-11.78	-0.27	0.62	0.28	-0.48	-0.13	-0.07	-0.38
1275	2	1321	51.08	30.98	-12.63	18.32	0.04	19.80	0.23	-0.76	0.23	-0.75	-0.06
		1322	49.37	23.91	-17.72	8.54	-2.35	20.09	-0.30	-0.76	-0.51	-0.55	-0.23
		1452	106.36	1.73	-82.58	-82.48	1.63	2.96	0.33	-0.38	-0.17	0.12	-0.32
		1453	169.42	-2.37	-131.96	-131.72	-2.61	5.51	0.04	-0.85	-0.65	-0.15	0.37
1275	3	1321	7.15	3.55	-1.52	2.08	-0.05	2.30	0.15	-0.11	0.07	-0.03	-0.12
		1322	7.02	2.51	-2.03	0.70	-0.21	2.22	0.05	-0.20	-0.09	-0.06	-0.13
		1452	11.29	0.24	-8.60	-8.58	0.22	0.41	0.17	-0.13	7.35e-03	0.03	-0.15
		1453	18.58	-0.25	-14.37	-14.35	-0.28	0.61	-6.50e-03	-0.14	-0.11	-0.04	-0.06
1275	4	1321	19.51	11.72	-4.76	6.93	0.03	7.48	0.11	-0.29	0.11	-0.29	-0.02
		1322	18.53	9.05	-6.67	3.25	-0.87	7.58	-0.14	-0.29	-0.21	-0.22	-0.08
		1452	40.34	0.67	-31.34	-31.30	0.63	1.14	0.13	-0.13	-0.06	0.05	-0.12
		1453	64.30	-0.89	-49.97	-49.89	-0.97	2.06	0.03	-0.35	-0.26	-0.07	0.16
1276	1	95	11.73	5.91	-3.53	2.30	0.08	4.59	0.24	-0.19	0.21	-0.16	-0.11
		1321	13.07	3.75	-0.99	2.55	0.21	2.06	0.52	-0.45	-0.15	0.22	-0.45
		1453	22.79	1.56	-12.22	-12.15	1.50	0.94	0.80	-0.49	0.33	-7.54e-03	-0.62
		310	34.57	-1.64	-17.92	-17.82	-1.74	-1.30	-0.12	-1.49	-1.48	-0.13	0.11
1276	2	95	67.04	44.47	1.48	41.34	4.61	11.17	0.49	-1.60	0.47	-1.58	0.20
		1321	69.53	34.03	-25.25	13.50	-4.71	28.21	-1.15	-1.76	-1.41	-1.51	0.30
		1453	181.68	15.14	-130.61	-130.61	15.14	0.04	-0.21	-1.23	-1.07	-0.36	0.37
		310	244.79	-26.66	-194.64	-193.46	-27.84	14.03	2.72	1.90	2.46	2.17	-0.38
1276	3	95	8.72	5.09	-0.75	4.00	0.34	2.28	0.13	-0.24	0.13	-0.24	-8.63e-03
		1321	8.75	3.88	-2.30	1.86	-0.28	2.90	-0.04	-0.26	-0.21	-0.09	-0.09
		1453	19.40	1.70	-14.36	-14.36	1.70	0.29	0.10	-0.17	-0.02	-0.05	-0.13
		310	27.16	-2.76	-21.15	-21.12	-2.79	0.75	0.22	-0.15	-0.15	0.22	-6.20e-03
1276	4	95	25.91	16.76	0.50	15.57	1.68	4.23	0.21	-0.67	0.20	-0.66	0.08
		1321	26.53	12.86	-9.50	5.10	-1.74	10.65	-0.46	-0.73	-0.58	-0.61	0.13
		1453	68.97	5.74	-49.45	-49.45	5.74	0.02	-0.08	-0.50	-0.43	-0.15	0.16
		310	93.16	-10.08	-73.61	-73.16	-10.52	5.29	1.12	0.80	1.02	0.90	-0.15
1277	1	1301	49.25	13.61	-8.70	6.79	-1.88	-10.28	2.06	-1.04	0.13	0.89	1.51
		194	24.15	19.36	1.53	18.49	2.40	-3.84	0.38	-0.34	0.16	-0.12	0.33
		237	109.27	-7.30	-59.46	-58.92	-7.84	-5.28	-0.97	-4.59	-4.58	-0.97	-0.16
		1454	63.31	4.10	-34.87	-34.87	4.09	-0.51	2.39	-1.34	1.01	0.04	1.80
1277	2	1301	96.77	47.07	-33.03	19.62	-5.58	-38.01	-0.94	-2.24	-1.64	-1.54	-0.65
		194	90.29	60.36	1.56	56.50	5.41	-14.55	0.52	-2.18	0.50	-2.15	-0.27
		237	364.22	-38.87	-288.98	-287.50	-40.35	-19.18	3.84	2.74	3.65	2.93	0.42
		1454	278.92	21.98	-203.80	-203.80	21.98	0.46	-0.01	-1.86	-1.30	-0.57	-0.85
1277	3	1301	20.34	7.57	-5.12	3.38	-0.93	-5.97	0.39	-0.42	-0.14	0.11	0.38
		194	14.21	10.19	0.46	9.62	1.03	-2.29	0.12	-0.28	0.11	-0.27	0.07
		237	56.34	-5.15	-39.96	-39.69	-5.41	-3.03	0.02	-0.99	-0.99	0.02	-5.79e-03
		1454	37.30	2.92	-26.13	-26.13	2.92	-0.12	0.53	-0.40	0.17	-0.05	0.45
1277	4	1301	36.27	17.49	-12.34	7.18	-2.02	-14.19	-0.38	-0.89	-0.66	-0.61	-0.26
		194	34.16	22.34	0.46	20.88	1.92	-5.46	0.22	-0.88	0.21	-0.87	-0.11
		237	136.58	-14.50	-107.97	-107.42	-15.05	-7.15	1.52	1.10	1.44	1.18	0.16
		1454	104.43	8.21	-76.18	-76.18	8.21	0.17	-0.01	-0.73	-0.51	-0.23	-0.33
1278	1	1300	38.00	9.64	-6.78	3.27	-0.42	-8.00	1.19	-1.31	-0.10	-0.03	1.25
		1301	37.29	12.88	-4.27	8.45	0.16	-7.51	1.47	-0.92	0.16	0.39	1.19
		1454	49.51	-0.54	-35.35	-35.23	-0.66	-2.06	1.18	-1.47	-0.20	-0.09	1.32
		1455	31.22	0.56	-15.29	-15.14	0.41	-1.53	1.37	-1.19	0.11	0.07	1.28
1278	2	1300	65.94	34.31	-24.13	13.10	-2.92	-28.10	-0.29	-0.70	-0.56	-0.43	-0.19
		1301	73.61	43.59	-16.31	26.43	0.85	-27.08	0.43	-0.70	0.39	-0.65	-0.22
		1454	261.03	-3.63	-205.90	-205.63	-3.91	-7.44	0.39	-1.19	-0.61	-0.20	-0.76
		1455	174.99	2.42	-137.78	-137.65	2.30	-4.24	0.16	-0.07	-0.05	0.15	-0.06



1278	3	1300	15.83	5.44	-3.90	1.88	-0.33	-4.53	0.28	-0.42	-0.09	-0.05	0.35
		1301	15.54	7.09	-2.56	4.40	0.12	-4.32	0.41	-0.26	0.10	0.06	0.33
		1454	33.71	-0.43	-26.44	-26.39	-0.48	-1.16	0.23	-0.40	-0.12	-0.05	0.31
		1455	20.86	0.35	-15.26	-15.22	0.31	-0.80	0.41	-0.34	0.03	0.04	0.37
1278	4	1300	24.65	12.75	-9.03	4.79	-1.08	-10.49	-0.11	-0.28	-0.23	-0.17	-0.08
		1301	27.55	16.19	-6.13	9.73	0.33	-10.12	0.18	-0.27	0.16	-0.25	-0.08
		1454	97.74	-1.34	-76.98	-76.88	-1.44	-2.75	0.15	-0.48	-0.24	-0.08	-0.30
		1455	65.48	0.92	-51.56	-51.51	0.87	-1.60	0.07	-0.02	-0.01	0.06	-0.02
1279	1	1299	35.05	6.20	-7.73	-1.27	-0.26	-6.94	1.23	-1.24	-0.04	0.02	1.23
		1300	36.32	9.03	-6.16	3.20	-0.33	-7.38	1.29	-1.18	0.03	0.07	1.24
		1455	30.35	0.25	-15.03	-14.84	0.06	-1.66	1.25	-1.28	-0.02	-0.01	1.26
		1456	23.33	3.99	-0.51	3.41	0.06	-1.50	1.25	-1.19	0.04	0.02	1.22
1279	2	1299	52.52	26.12	-22.18	5.45	-1.51	-23.90	-0.18	-0.23	-0.23	-0.18	-0.02
		1300	61.02	32.84	-20.66	13.43	-1.26	-25.72	0.16	-0.25	0.12	-0.21	-0.12
		1455	174.75	0.07	-137.36	-137.17	-0.12	-5.12	0.05	-0.49	-0.34	-0.10	-0.24
		1456	100.23	0.55	-79.48	-79.27	0.35	-4.01	0.05	-0.03	-0.03	0.05	-0.01
1279	3	1299	14.29	3.79	-4.01	-0.04	-0.18	-3.90	0.34	-0.38	-0.03	-8.29e-03	0.36
		1300	14.97	5.16	-3.46	1.88	-0.18	-4.19	0.37	-0.34	0.03	6.11e-03	0.35
		1455	20.06	0.07	-15.14	-15.09	0.02	-0.86	0.32	-0.38	-0.04	-0.01	0.35
		1456	9.96	0.17	-5.33	-5.22	0.06	-0.77	0.37	-0.34	0.01	0.01	0.36
1279	4	1299	19.66	9.71	-8.31	1.95	-0.55	-8.92	-0.06	-0.10	-0.09	-0.07	-0.01
		1300	22.85	12.22	-7.76	4.91	-0.45	-9.62	0.07	-0.10	0.05	-0.08	-0.05
		1455	65.45	0.04	-51.40	-51.34	-0.03	-1.89	0.02	-0.19	-0.13	-0.04	-0.10
		1456	37.57	0.22	-29.79	-29.72	0.14	-1.52	0.02	-0.01	-8.30e-03	0.02	-8.07e-03
1280	1	1298	32.67	3.49	-9.61	-5.78	-0.33	-5.95	1.25	-1.10	0.02	0.13	1.18
		1299	34.44	5.75	-7.63	-1.49	-0.39	-6.66	1.27	-1.19	0.02	0.06	1.23
		1456	23.45	4.26	-0.41	3.72	0.13	-1.49	1.23	-1.21	0.02	-3.59e-03	1.22
		1457	32.52	20.13	-0.05	20.04	0.04	-1.36	1.20	-1.11	0.09	4.13e-03	1.16
1280	2	1298	44.92	19.06	-21.69	-1.31	-1.33	-20.38	-0.06	-0.16	-0.12	-0.10	0.05
		1299	49.92	24.47	-21.00	4.98	-1.51	-22.50	0.04	-0.11	0.03	-0.11	-0.03
		1456	100.33	0.52	-78.81	-78.58	0.28	-4.31	-0.02	-0.18	-0.17	-0.03	-0.04
		1457	37.40	0.54	-29.40	-29.01	0.14	-3.40	0.03	-0.05	-0.04	0.02	0.03
1280	3	1298	13.04	2.41	-4.48	-1.89	-0.19	-3.34	0.36	-0.34	-7.02e-03	0.03	0.35
		1299	13.88	3.55	-3.91	-0.14	-0.22	-3.73	0.37	-0.35	0.01	0.01	0.36
		1456	9.70	0.18	-5.18	-5.07	0.07	-0.75	0.35	-0.36	-0.01	-4.13e-03	0.35
		1457	8.21	3.73	-0.09	3.60	0.04	-0.69	0.35	-0.33	0.02	3.05e-03	0.34
1280	4	1298	16.71	7.09	-8.13	-0.56	-0.48	-7.61	-0.03	-0.06	-0.05	-0.04	0.01
		1299	18.74	9.11	-7.89	1.78	-0.55	-8.42	0.02	-0.04	0.01	-0.04	-0.02
		1456	37.63	0.20	-29.54	-29.46	0.12	-1.59	-4.08e-03	-0.07	-0.06	-0.01	-0.02
		1457	14.11	0.22	-11.08	-10.93	0.07	-1.29	9.39e-03	-0.02	-0.01	6.64e-03	7.81e-03
1281	1	1297	30.37	1.72	-12.03	-9.94	-0.38	-4.94	1.20	-0.93	0.06	0.22	1.06
		1298	32.27	3.18	-9.59	-5.99	-0.42	-5.75	1.27	-1.08	0.04	0.14	1.17
		1457	32.72	20.38	0.04	20.30	0.13	-1.32	1.20	-1.12	0.08	-1.74e-03	1.16
		1458	46.52	34.37	0.01	34.33	0.05	-1.16	1.12	-0.98	0.14	-2.68e-04	1.05
1281	2	1297	38.79	13.11	-21.28	-6.86	-1.32	-16.97	0.02	-0.14	-0.07	-0.05	0.08
		1298	42.04	17.50	-20.77	-1.77	-1.49	-19.14	0.02	-0.08	6.58e-04	-0.06	0.03
		1457	37.29	0.76	-28.86	-28.40	0.31	-3.65	2.19e-03	-0.11	-0.10	-9.41e-03	0.03
		1458	18.14	13.75	-0.43	13.18	0.14	-2.79	0.06	-0.08	-0.03	6.26e-03	0.07
1281	3	1297	11.91	1.37	-5.12	-3.55	-0.20	-2.78	0.35	-0.28	9.78e-03	0.06	0.32
		1298	12.75	2.21	-4.42	-1.98	-0.23	-3.20	0.37	-0.32	0.01	0.04	0.35
		1457	8.26	3.84	-0.04	3.73	0.07	-0.65	0.35	-0.33	0.01	-1.56e-03	0.34
		1458	14.91	11.15	7.73e-03	11.12	0.04	-0.58	0.33	-0.29	0.04	6.46e-04	0.31
1281	4	1297	14.44	4.87	-7.99	-2.63	-0.48	-6.34	2.97e-03	-0.05	-0.03	-0.02	0.03
		1298	15.66	6.53	-7.81	-0.74	-0.54	-7.17	3.62e-03	-0.03	1.26e-03	-0.02	7.95e-03
		1457	14.07	0.29	-10.87	-10.70	0.13	-1.34	-1.96e-03	-0.04	-0.04	-3.83e-03	8.13e-03
		1458	6.68	5.08	-0.16	4.85	0.06	-1.07	0.02	-0.03	-0.01	2.58e-03	0.02
1282	1	1296	28.39	0.71	-14.59	-13.50	-0.38	-3.94	1.09	-0.73	0.09	0.28	0.90
		1297	30.06	1.51	-12.05	-10.11	-0.43	-4.75	1.21	-0.92	0.07	0.22	1.06
		1458	46.73	34.58	0.08	34.54	0.12	-1.12	1.12	-0.98	0.14	-1.49e-03	1.05
		1459	60.59	46.09	0.04	46.07	0.06	-0.94	0.99	-0.81	0.18	-1.10e-03	0.89
1282	2	1296	33.64	8.21	-20.79	-11.26	-1.32	-13.62	0.07	-0.12	-0.04	-0.01	0.09
		1297	36.30	11.69	-20.38	-7.25	-1.45	-15.77	0.05	-0.09	-6.64e-03	-0.03	0.07
		1458	19.05	14.33	-0.36	13.68	0.29	-3.02	0.05	-0.11	-0.06	-4.15e-03	0.07
		1459	59.64	47.55	0.05	47.44	0.15	-2.19	0.08	-0.09	-0.01	2.73e-03	0.08
1282	3	1296	10.96	0.67	-5.83	-4.95	-0.20	-2.22	0.32	-0.22	0.02	0.08	0.27
		1297	11.67	1.21	-5.07	-3.63	-0.23	-2.64	0.36	-0.27	0.02	0.06	0.31
		1458	15.01	11.25	0.04	11.22	0.07	-0.55	0.33	-0.29	0.04	-9.01e-04	0.31
		1459	22.31	17.28	0.03	17.27	0.04	-0.47	0.29	-0.24	0.05	8.07e-06	0.27
1282	4	1296	12.54	3.05	-7.82	-4.29	-0.48	-5.09	0.02	-0.04	-0.02	-5.80e-03	0.03
		1297	13.55	4.36	-7.67	-2.78	-0.53	-5.91	0.02	-0.03	-2.54e-03	-0.01	0.02
		1458	7.00	5.28	-0.12	5.04	0.12	-1.11	0.01	-0.04	-0.02	-1.69e-03	0.02
		1459	22.23	17.72	0.03	17.68	0.07	-0.84	0.03	-0.03	-5.48e-03	1.14e-03	0.03
1283	1	1295	26.89	0.18	-16.82	-16.28	-0.36	-3.00	0.94	-0.51	0.11	0.32	0.72
		1296	28.15	0.57	-14.62	-13.63	-0.42	-3.75	1.09	-0.72	0.09	0.28	0.90
		1459	60.75	46.24	0.09	46.23	0.11	-0.89	0.99	-0.81	0.18	-1.44e-03	0.89
		1460	71.69	55.21	0.05	55.20	0.06	-0.71	0.83	-0.61	0.22	1.49e-04	0.71
1283	2	1295	29.37	4.31	-20.23	-14.61	-1.31	-10.31	0.09	-0.09	-0.02	0.02	0.09



		1296	31.46	6.94	-19.92	-11.57	-1.42	-12.43	0.08	-0.09	-5.27e-03	-2.56e-03	0.09
		1459	60.22	47.96	0.15	47.84	0.27	-2.41	0.07	-0.10	-0.03	-2.19e-03	0.09
		1460	92.39	73.96	0.13	73.92	0.17	-1.60	0.08	-0.08	3.74e-03	1.13e-03	0.08
1283	3	1295	10.24	0.25	-6.49	-6.04	-0.20	-1.69	0.28	-0.16	0.03	0.09	0.22
		1296	10.77	0.56	-5.80	-5.01	-0.22	-2.09	0.33	-0.22	0.03	0.08	0.27
		1459	22.38	17.36	0.05	17.35	0.07	-0.43	0.29	-0.24	0.05	-6.65e-04	0.27
		1460	28.25	22.05	0.04	22.05	0.04	-0.36	0.25	-0.18	0.06	2.00e-04	0.21
1283	4	1295	10.99	1.60	-7.62	-5.55	-0.48	-3.85	0.03	-0.03	-8.14e-03	5.15e-03	0.03
		1296	11.77	2.59	-7.51	-4.40	-0.52	-4.66	0.03	-0.03	-2.67e-03	-1.78e-03	0.03
		1459	22.44	17.87	0.07	17.83	0.11	-0.88	0.02	-0.03	-0.01	-8.88e-04	0.03
		1460	34.50	27.61	0.06	27.59	0.07	-0.62	0.03	-0.03	-2.51e-04	4.92e-04	0.03
1284	1	1294	25.73	-0.11	-18.44	-18.20	-0.35	-2.11	0.76	-0.29	0.12	0.35	0.51
		1295	26.72	0.09	-16.85	-16.37	-0.39	-2.82	0.94	-0.51	0.11	0.32	0.72
		1460	71.81	55.32	0.09	55.31	0.10	-0.66	0.83	-0.61	0.21	-1.47e-03	0.71
		1461	79.81	61.79	0.06	61.79	0.06	-0.49	0.64	-0.39	0.25	3.00e-03	0.50
1284	2	1294	26.01	1.40	-19.67	-16.97	-1.31	-7.05	0.09	-0.05	-4.50e-03	0.04	0.07
		1295	27.55	3.23	-19.46	-14.84	-1.38	-9.13	0.10	-0.07	-8.73e-04	0.02	0.08
		1460	92.78	74.26	0.21	74.21	0.26	-1.82	0.08	-0.08	-3.54e-03	-1.31e-03	0.08
		1461	115.97	92.75	0.17	92.74	0.18	-1.02	0.07	-0.05	0.02	3.14e-04	0.06
1284	3	1294	9.69	5.92e-03	-7.00	-6.80	-0.19	-1.17	0.23	-0.09	0.03	0.10	0.15
		1295	10.09	0.18	-6.47	-6.09	-0.21	-1.56	0.28	-0.16	0.03	0.09	0.22
		1460	28.30	22.11	0.06	22.10	0.06	-0.32	0.25	-0.19	0.06	-5.68e-04	0.21
		1461	32.55	25.48	0.04	25.48	0.04	-0.25	0.19	-0.12	0.07	9.53e-04	0.15
1284	4	1294	9.78	0.52	-7.43	-6.43	-0.48	-2.63	0.03	-0.02	-3.35e-03	0.01	0.02
		1295	10.35	1.21	-7.35	-5.63	-0.50	-3.43	0.03	-0.03	-1.43e-03	7.25e-03	0.03
		1460	34.64	27.72	0.09	27.70	0.11	-0.66	0.03	-0.03	-3.28e-03	-5.22e-04	0.03
		1461	43.30	34.65	0.08	34.65	0.08	-0.40	0.02	-0.02	4.07e-03	1.57e-04	0.02
1285	1	1293	24.70	-0.32	-19.37	-19.30	-0.39	-1.15	0.58	-0.04	0.14	0.39	0.28
		1294	25.63	-0.18	-18.47	-18.26	-0.40	-1.95	0.77	-0.28	0.13	0.35	0.51
		1461	79.94	61.88	0.09	61.88	0.10	-0.43	0.64	-0.40	0.25	-2.67e-03	0.51
		1462	85.04	65.89	0.07	65.89	0.07	-0.27	0.45	-0.16	0.28	4.22e-03	0.27
1285	2	1293	23.71	-0.50	-19.19	-18.38	-1.31	-3.81	0.07	-0.02	3.03e-03	0.05	0.04
		1294	24.67	0.59	-19.06	-17.12	-1.35	-5.87	0.09	-0.04	3.57e-03	0.04	0.07
		1461	116.15	92.95	0.22	92.93	0.24	-1.25	0.07	-0.06	0.01	-8.65e-04	0.06
		1462	130.12	104.01	0.19	104.01	0.20	-0.45	0.05	-0.02	0.02	-1.31e-04	0.03
1285	3	1293	9.25	-0.15	-7.30	-7.24	-0.21	-0.63	0.17	-0.01	0.04	0.12	0.09
		1294	9.59	-0.05	-6.99	-6.83	-0.21	-1.05	0.23	-0.09	0.04	0.11	0.15
		1461	32.60	25.52	0.06	25.52	0.06	-0.21	0.19	-0.12	0.07	-8.69e-04	0.15
		1462	35.23	27.58	0.05	27.58	0.05	-0.14	0.13	-0.05	0.08	1.26e-03	0.08
1285	4	1293	8.98	-0.18	-7.26	-6.97	-0.48	-1.42	0.02	-6.61e-03	-4.98e-04	0.02	0.01
		1294	9.31	0.23	-7.22	-6.49	-0.49	-2.21	0.03	-0.02	-1.49e-05	0.01	0.02
		1461	43.37	34.72	0.10	34.72	0.10	-0.45	0.02	-0.02	2.61e-03	-3.35e-04	0.02
		1462	48.60	38.87	0.08	38.87	0.09	-0.19	0.02	-8.50e-03	6.82e-03	-2.66e-05	0.01
1286	1	1292	25.01	-0.46	-19.66	-19.66	-0.46	-0.04	0.45	0.16	0.17	0.44	0.02
		1293	24.67	-0.39	-19.38	-19.33	-0.44	-1.02	0.59	-0.03	0.15	0.41	0.28
		1462	85.19	65.96	0.10	65.96	0.10	-0.21	0.45	-0.17	0.29	-4.72e-03	0.27
		1463	87.05	67.32	0.09	67.32	0.09	-0.03	0.32	3.48e-05	0.32	7.29e-04	0.01
1286	2	1292	23.03	-1.30	-18.89	-18.87	-1.32	-0.59	0.06	6.41e-03	6.41e-03	0.06	5.08e-04
		1293	23.03	-0.94	-18.85	-18.45	-1.33	-2.63	0.07	-0.01	6.34e-03	0.06	0.04
		1462	130.21	104.11	0.22	104.10	0.22	-0.68	0.05	-0.02	0.02	-6.07e-04	0.03
		1463	134.86	107.79	0.21	107.79	0.21	0.11	0.03	-3.98e-04	0.03	-3.98e-04	6.44e-05
1286	3	1292	9.31	-0.23	-7.39	-7.39	-0.23	-0.05	0.13	0.05	0.05	0.13	5.18e-03
		1293	9.20	-0.19	-7.29	-7.26	-0.22	-0.52	0.18	-0.01	0.04	0.12	0.09
		1462	35.28	27.60	0.06	27.60	0.06	-0.09	0.13	-0.05	0.08	-1.45e-03	0.08
		1463	36.21	28.30	0.05	28.30	0.05	-0.02	0.09	-9.06e-06	0.09	1.96e-04	4.38e-03
1286	4	1292	8.74	-0.47	-7.16	-7.15	-0.48	-0.21	0.02	8.10e-04	8.12e-04	0.02	2.05e-04
		1293	8.75	-0.34	-7.14	-7.00	-0.49	-0.99	0.02	-5.05e-03	8.73e-04	0.02	0.01
		1462	48.63	38.91	0.09	38.91	0.10	-0.23	0.01	-8.86e-03	6.23e-03	-2.26e-04	0.01
		1463	50.37	40.29	0.09	40.29	0.09	0.02	7.61e-03	-1.38e-04	7.61e-03	-1.37e-04	1.09e-05
1287	1	1291	24.63	-0.41	-19.39	-19.32	-0.48	1.14	0.60	7.87e-03	0.17	0.45	-0.26
		1292	25.01	-0.48	-19.66	-19.66	-0.48	0.07	0.45	0.17	0.17	0.45	0.02
		1463	87.10	67.33	0.10	67.33	0.10	0.03	0.32	-4.31e-03	0.32	-4.00e-03	0.01
		1464	85.22	65.81	0.10	65.81	0.10	0.22	0.45	-0.14	0.31	-3.96e-03	-0.25
1287	2	1291	23.03	-0.94	-18.85	-18.45	-1.33	2.63	0.07	-0.01	6.34e-03	0.06	-0.04
		1292	23.03	-1.30	-18.89	-18.87	-1.32	0.59	0.06	6.41e-03	6.41e-03	0.06	-5.08e-04
		1463	134.86	107.79	0.21	107.79	0.21	-0.11	0.03	-3.98e-04	0.03	-3.98e-04	-6.45e-05
		1464	130.21	104.11	0.22	104.10	0.22	0.68	0.05	-0.02	0.02	-6.07e-04	-0.03
1287	3	1291	9.19	-0.19	-7.29	-7.25	-0.23	0.55	0.18	9.39e-04	0.05	0.13	-0.08
		1292	9.31	-0.23	-7.39	-7.39	-0.23	0.06	0.14	0.05	0.05	0.14	5.34e-03
		1463	36.22	28.30	0.06	28.30	0.06	0.02	0.09	-1.30e-03	0.09	-1.20e-03	2.98e-03
		1464	35.30	27.56	0.06	27.56	0.06	0.10	0.13	-0.04	0.09	-1.22e-03	-0.08
1287	4	1291	8.75	-0.34	-7.14	-7.00	-0.49	0.99	0.02	-5.05e-03	8.73e-04	0.02	-0.01
		1292	8.74	-0.47	-7.16	-7.15	-0.48	0.21	0.02	8.10e-04	8.12e-04	0.02	-2.05e-04
		1463	50.37	40.29	0.09	40.29	0.09	-0.02	7.61e-03	-1.38e-04	7.61e-03	-1.37e-04	-1.09e-05
		1464	48.63	38.91	0.09	38.91	0.10	0.23	0.01	-8.86e-03	6.23e-03	-2.26e-04	-0.01
1288	1	1290	26.00	-0.16	-18.54	-18.27	-0.42	2.20	0.80	-0.27	0.14	0.39	-0.52
		1291	24.66	-0.36	-19.36	-19.28	-0.45	1.26	0.60	2.93e-03	0.16	0.44	-0.26



		1464	85.11	65.75	0.08	65.74	0.08	0.29	0.46	-0.14	0.31	7.00e-04	-0.26
		1465	79.55	61.39	0.10	61.39	0.10	0.46	0.65	-0.39	0.27	-4.68e-03	-0.50
1288	2	1290	24.67	0.59	-19.06	-17.12	-1.35	5.87	0.09	-0.04	3.57e-03	0.04	-0.07
		1291	23.71	-0.50	-19.19	-18.38	-1.31	3.81	0.07	-0.02	3.03e-03	0.05	-0.04
		1464	130.12	104.01	0.19	104.01	0.20	0.45	0.05	-0.02	0.02	-1.31e-04	-0.03
		1465	116.15	92.95	0.22	92.93	0.24	1.25	0.07	-0.06	0.01	-8.65e-04	-0.06
1288	3	1290	9.70	-0.03	-7.02	-6.83	-0.22	1.12	0.24	-0.08	0.04	0.12	-0.16
		1291	9.23	-0.16	-7.30	-7.23	-0.22	0.66	0.18	-9.50e-04	0.05	0.13	-0.08
		1464	35.25	27.53	0.05	27.53	0.05	0.14	0.14	-0.04	0.09	2.20e-04	-0.08
		1465	32.49	25.37	0.06	25.37	0.06	0.21	0.20	-0.12	0.08	-1.46e-03	-0.15
1288	4	1290	9.31	0.23	-7.22	-6.49	-0.49	2.21	0.03	-0.02	-1.49e-05	0.01	-0.02
		1291	8.98	-0.18	-7.26	-6.97	-0.48	1.42	0.02	-6.61e-03	-4.98e-04	0.02	-0.01
		1464	48.60	38.87	0.08	38.87	0.09	0.19	0.02	-8.50e-03	6.82e-03	-2.66e-05	-0.01
		1465	43.37	34.72	0.10	34.72	0.10	0.45	0.02	-0.02	2.61e-03	-3.35e-04	-0.02
1289	1	1289	27.38	0.20	-17.07	-16.51	-0.36	3.05	0.95	-0.52	0.11	0.32	-0.73
		1290	26.07	-0.06	-18.50	-18.20	-0.36	2.33	0.78	-0.28	0.14	0.37	-0.52
		1465	79.35	61.27	0.06	61.27	0.06	0.52	0.66	-0.39	0.27	4.21e-03	-0.50
		1466	70.75	54.41	0.09	54.40	0.10	0.67	0.84	-0.62	0.22	-2.63e-03	-0.72
1289	2	1289	27.55	3.23	-19.46	-14.84	-1.38	9.13	0.10	-0.07	-8.73e-04	0.02	-0.08
		1290	26.01	1.40	-19.67	-16.97	-1.31	7.05	0.09	-0.05	-4.50e-03	0.04	-0.07
		1465	115.97	92.75	0.17	92.74	0.18	1.02	0.07	-0.05	0.02	3.14e-04	-0.06
		1466	92.78	74.26	0.21	74.21	0.26	1.82	0.08	-0.08	-3.54e-03	-1.31e-03	-0.08
1289	3	1289	10.29	0.22	-6.54	-6.13	-0.20	1.63	0.28	-0.16	0.03	0.09	-0.22
		1290	9.79	0.03	-7.02	-6.80	-0.20	1.23	0.24	-0.09	0.04	0.11	-0.16
		1465	32.41	25.32	0.04	25.32	0.04	0.25	0.20	-0.12	0.08	1.31e-03	-0.15
		1466	27.99	21.84	0.06	21.83	0.06	0.32	0.25	-0.19	0.06	-9.13e-04	-0.22
1289	4	1289	10.35	1.21	-7.35	-5.63	-0.50	3.43	0.03	-0.03	-1.43e-03	7.25e-03	-0.03
		1290	9.78	0.52	-7.43	-6.43	-0.48	2.63	0.03	-0.02	-3.35e-03	0.01	-0.02
		1465	43.30	34.65	0.08	34.65	0.08	0.40	0.02	-0.02	4.07e-03	1.57e-04	-0.02
		1466	34.64	27.72	0.09	27.70	0.11	0.66	0.03	-0.03	-3.28e-03	-5.22e-04	-0.03
1290	1	1288	28.60	0.65	-14.98	-13.99	-0.34	3.82	1.09	-0.73	0.09	0.26	-0.90
		1289	27.51	0.31	-17.03	-16.42	-0.31	3.21	0.94	-0.53	0.11	0.31	-0.73
		1466	70.57	54.27	0.04	54.26	0.05	0.72	0.84	-0.61	0.22	3.05e-03	-0.72
		1467	59.43	45.17	0.08	45.16	0.10	0.87	0.99	-0.81	0.18	-1.46e-03	-0.90
1290	2	1288	31.46	6.94	-19.92	-11.57	-1.42	12.43	0.08	-0.09	-5.27e-03	-2.56e-03	-0.09
		1289	29.37	4.31	-20.23	-14.61	-1.31	10.31	0.09	-0.09	-0.02	0.02	-0.09
		1466	92.39	73.96	0.13	73.92	0.17	1.60	0.08	-0.08	3.74e-03	1.13e-03	-0.08
		1467	60.22	47.96	0.15	47.84	0.27	2.41	0.07	-0.10	-0.03	-2.19e-03	-0.09
1290	3	1288	10.90	0.58	-5.90	-5.12	-0.20	2.11	0.32	-0.22	0.03	0.08	-0.27
		1289	10.42	0.30	-6.56	-6.08	-0.18	1.75	0.28	-0.16	0.03	0.09	-0.22
		1466	27.91	21.78	0.03	21.77	0.04	0.36	0.25	-0.19	0.06	1.06e-03	-0.22
		1467	21.98	17.04	0.05	17.03	0.06	0.43	0.29	-0.25	0.05	-6.69e-04	-0.27
1290	4	1288	11.77	2.59	-7.51	-4.40	-0.52	4.66	0.03	-0.03	-2.67e-03	-1.78e-03	-0.03
		1289	10.99	1.60	-7.62	-5.55	-0.48	3.85	0.03	-0.03	-8.14e-03	5.15e-03	-0.03
		1466	34.50	27.61	0.06	27.59	0.07	0.62	0.03	-0.03	-2.51e-04	4.92e-04	-0.03
		1467	22.44	17.87	0.07	17.83	0.11	0.88	0.02	-0.03	-0.01	-8.88e-04	-0.03
1291	1	1287	30.00	1.40	-12.44	-10.69	-0.36	4.60	1.20	-0.91	0.07	0.21	-1.05
		1288	28.81	0.78	-14.95	-13.86	-0.30	3.99	1.08	-0.74	0.09	0.26	-0.91
		1467	59.25	45.02	0.03	45.00	0.05	0.92	0.99	-0.81	0.18	3.45e-04	-0.90
		1468	45.76	33.75	0.07	33.72	0.10	1.07	1.11	-0.98	0.14	-1.52e-03	-1.04
1291	2	1287	36.30	11.69	-20.38	-7.25	-1.45	15.77	0.05	-0.09	-6.64e-03	-0.03	-0.07
		1288	33.64	8.21	-20.79	-11.26	-1.32	13.62	0.07	-0.12	-0.04	-0.01	-0.09
		1467	59.64	47.55	0.05	47.44	0.15	2.19	0.08	-0.09	-0.01	2.73e-03	-0.08
		1468	19.05	14.33	-0.36	13.68	0.29	3.02	0.05	-0.11	-0.06	-4.15e-03	-0.07
1291	3	1287	11.65	1.16	-5.16	-3.80	-0.21	2.60	0.35	-0.27	0.02	0.06	-0.31
		1288	11.08	0.69	-5.93	-5.06	-0.18	2.24	0.32	-0.22	0.02	0.08	-0.27
		1467	21.90	16.97	0.02	16.95	0.04	0.47	0.30	-0.24	0.05	4.37e-04	-0.27
		1468	14.71	11.00	0.04	10.98	0.07	0.53	0.33	-0.29	0.03	-9.12e-04	-0.31
1291	4	1287	13.55	4.36	-7.67	-2.78	-0.53	5.91	0.02	-0.03	-2.54e-03	-0.01	-0.02
		1288	12.54	3.05	-7.82	-4.29	-0.48	5.09	0.02	-0.04	-0.02	-5.80e-03	-0.03
		1467	22.23	17.72	0.03	17.68	0.07	0.84	0.03	-0.03	-5.48e-03	1.14e-03	-0.03
		1468	7.00	5.28	-0.12	5.04	0.12	1.11	0.01	-0.04	-0.02	-1.69e-03	-0.02
1292	1	1286	31.70	2.75	-9.82	-6.71	-0.36	5.43	1.26	-1.07	0.05	0.15	-1.16
		1287	30.29	1.58	-12.42	-10.53	-0.31	4.79	1.19	-0.92	0.06	0.21	-1.06
		1468	45.56	33.56	4.56e-03	33.52	0.04	1.12	1.11	-0.97	0.14	-2.48e-04	-1.04
		1469	32.35	20.16	0.04	20.08	0.12	1.26	1.19	-1.11	0.08	-1.91e-03	-1.15
1292	2	1286	42.04	17.50	-20.77	-1.77	-1.49	19.14	0.02	-0.08	6.58e-04	-0.06	-0.03
		1287	38.79	13.11	-21.28	-6.86	-1.32	16.97	0.02	-0.14	-0.07	-0.05	-0.08
		1468	18.14	13.75	-0.43	13.18	0.14	2.79	0.06	-0.08	-0.03	6.26e-03	-0.07
		1469	37.29	0.76	-28.86	-28.40	0.31	3.65	2.19e-03	-0.11	-0.10	-9.41e-03	-0.03
1292	3	1286	12.56	2.06	-4.46	-2.20	-0.21	3.10	0.37	-0.32	0.01	0.04	-0.34
		1287	11.87	1.30	-5.21	-3.72	-0.18	2.73	0.35	-0.28	0.01	0.06	-0.31
		1468	14.62	10.91	5.60e-03	10.88	0.04	0.57	0.33	-0.29	0.04	6.52e-04	-0.31
		1469	8.16	3.77	-0.04	3.67	0.07	0.64	0.35	-0.33	0.02	-1.61e-03	-0.34
1292	4	1286	15.66	6.53	-7.81	-0.74	-0.54	7.17	3.62e-03	-0.03	1.26e-03	-0.02	-7.95e-03
		1287	14.44	4.87	-7.99	-2.63	-0.48	6.34	2.97e-03	-0.05	-0.03	-0.02	-0.03
		1468	6.68	5.08	-0.16	4.85	0.06	1.07	0.02	-0.03	-0.01	2.58e-03	-0.02



		1469	14.07	0.29	-10.87	-10.70	0.13	1.34	-1.96e-03	-0.04	-0.04	-3.83e-03	-8.13e-03
1293	1	1285	33.52	4.99	-7.60	-2.26	-0.35	6.22	1.28	-1.18	0.03	0.08	-1.23
		1286	32.07	3.03	-9.83	-6.51	-0.28	5.62	1.25	-1.09	0.02	0.14	-1.17
		1469	32.17	19.93	-0.05	19.84	0.04	1.30	1.20	-1.10	0.09	3.68e-03	-1.15
		1470	23.44	4.80	-0.31	4.37	0.12	1.42	1.23	-1.21	0.03	-3.51e-03	-1.22
1293	2	1285	49.92	24.47	-21.00	4.98	-1.51	22.50	0.04	-0.11	0.03	-0.11	0.03
		1286	44.92	19.06	-21.69	-1.31	-1.33	20.38	-0.06	-0.16	-0.12	-0.10	-0.05
		1469	37.40	0.54	-29.40	-29.01	0.14	3.40	0.03	-0.05	-0.04	0.02	-0.03
		1470	100.33	0.52	-78.81	-78.58	0.28	4.31	-0.02	-0.18	-0.17	-0.03	0.04
1293	3	1285	13.59	3.31	-3.88	-0.37	-0.21	3.60	0.37	-0.34	0.01	0.02	-0.36
		1286	12.85	2.24	-4.52	-2.10	-0.17	3.24	0.36	-0.33	-5.46e-03	0.03	-0.35
		1469	8.12	3.67	-0.09	3.55	0.03	0.67	0.35	-0.32	0.03	2.92e-03	-0.34
		1470	9.53	0.18	-4.99	-4.88	0.07	0.73	0.35	-0.36	-7.07e-03	-4.10e-03	-0.35
1293	4	1285	18.74	9.11	-7.89	1.78	-0.55	8.42	0.02	-0.04	0.01	-0.04	0.02
		1286	16.71	7.09	-8.13	-0.56	-0.48	7.61	-0.03	-0.06	-0.05	-0.04	-0.01
		1469	14.11	0.22	-11.08	-10.93	0.07	1.29	9.39e-03	-0.02	-0.01	6.64e-03	-7.81e-03
		1470	37.63	0.20	-29.54	-29.46	0.12	1.59	-4.08e-03	-0.07	-0.06	-0.01	0.02
1294	1	1284	35.26	8.09	-5.94	2.45	-0.31	6.88	1.31	-1.18	0.04	0.09	-1.24
		1285	34.08	5.41	-7.69	-2.05	-0.23	6.49	1.23	-1.23	-0.03	0.04	-1.23
		1470	23.33	4.54	-0.41	4.08	0.06	1.44	1.25	-1.18	0.05	0.02	-1.22
		1471	29.20	0.25	-13.37	-13.18	0.06	1.58	1.26	-1.28	-6.22e-03	-0.01	-1.27
1294	2	1284	61.02	32.84	-20.66	13.43	-1.26	25.72	0.16	-0.25	0.12	-0.21	0.12
		1285	52.52	26.12	-22.18	5.45	-1.51	23.90	-0.18	-0.23	-0.23	-0.18	0.02
		1470	100.23	0.55	-79.48	-79.27	0.35	4.01	0.05	-0.03	-0.03	0.05	0.01
		1471	174.75	0.07	-137.36	-137.17	-0.12	5.12	0.05	-0.49	-0.34	-0.10	0.24
1294	3	1284	14.65	4.88	-3.40	1.66	-0.17	4.04	0.37	-0.34	0.03	0.01	-0.36
		1285	13.98	3.55	-3.99	-0.27	-0.17	3.77	0.34	-0.38	-0.03	-4.64e-03	-0.36
		1470	9.78	0.17	-5.13	-5.02	0.06	0.76	0.37	-0.34	0.01	0.01	-0.36
		1471	19.52	0.07	-14.65	-14.60	0.02	0.84	0.33	-0.38	-0.03	-0.01	-0.35
1294	4	1284	22.85	12.22	-7.76	4.91	-0.45	9.62	0.07	-0.10	0.05	-0.08	0.05
		1285	19.66	9.71	-8.31	1.95	-0.55	8.92	-0.06	-0.10	-0.09	-0.07	0.01
		1470	37.57	0.22	-29.79	-29.72	0.14	1.52	0.02	-0.01	-8.30e-03	0.02	8.07e-03
		1471	65.45	0.04	-51.40	-51.34	-0.03	1.89	0.02	-0.19	-0.13	-0.04	0.10
1295	1	1283	36.36	11.88	-4.08	7.70	0.11	7.02	1.50	-0.92	0.16	0.42	-1.21
		1284	36.84	8.67	-6.51	2.53	-0.37	7.45	1.22	-1.31	-0.08	-6.65e-03	-1.26
		1471	29.98	0.54	-13.61	-13.46	0.39	1.47	1.38	-1.19	0.12	0.07	-1.29
		1472	46.86	-0.49	-32.56	-32.44	-0.61	1.95	1.21	-1.49	-0.18	-0.09	-1.35
1295	2	1283	73.61	43.59	-16.31	26.43	0.85	27.08	0.43	-0.70	0.39	-0.65	0.22
		1284	65.94	34.31	-24.13	13.10	-2.92	28.10	-0.29	-0.70	-0.56	-0.43	0.19
		1471	174.99	2.42	-137.78	-137.65	2.30	4.24	0.16	-0.07	-0.05	0.15	0.06
		1472	261.03	-3.63	-205.90	-205.63	-3.91	7.44	0.39	-1.19	-0.61	-0.20	0.76
1295	3	1283	15.26	6.79	-2.51	4.18	0.11	4.18	0.42	-0.26	0.10	0.07	-0.34
		1284	15.47	5.15	-3.81	1.66	-0.32	4.37	0.29	-0.42	-0.08	-0.04	-0.35
		1471	20.30	0.34	-14.76	-14.72	0.30	0.78	0.41	-0.34	0.04	0.04	-0.38
		1472	32.66	-0.42	-25.61	-25.56	-0.47	1.13	0.24	-0.41	-0.12	-0.05	-0.32
1295	4	1283	27.55	16.19	-6.13	9.73	0.33	10.12	0.18	-0.27	0.16	-0.25	0.08
		1284	24.65	12.75	-9.03	4.79	-1.08	10.49	-0.11	-0.28	-0.23	-0.17	0.08
		1471	65.48	0.92	-51.56	-51.51	0.87	1.60	0.07	-0.02	-0.01	0.06	0.02
		1472	97.74	-1.34	-76.98	-76.88	-1.44	2.75	0.15	-0.48	-0.24	-0.08	0.30
1296	1	96	23.24	18.08	1.22	17.08	2.23	4.00	0.39	-0.33	0.15	-0.08	-0.34
		1283	47.95	12.59	-7.99	6.30	-1.70	9.48	2.15	-1.02	0.17	0.96	-1.54
		1472	61.06	3.79	-32.18	-32.17	3.78	0.63	2.46	-1.35	1.06	0.04	-1.84
		147	105.50	-6.68	-55.11	-54.67	-7.13	4.61	-1.04	-4.75	-4.74	-1.04	0.18
1296	2	96	90.29	60.36	1.56	56.50	5.41	14.55	0.52	-2.18	0.50	-2.15	0.27
		1283	96.77	47.07	-33.03	19.62	-5.58	38.01	-0.94	-2.24	-1.64	-1.54	0.65
		1472	278.92	21.98	-203.80	-203.80	21.98	-0.46	-0.01	-1.86	-1.30	-0.57	0.85
		147	364.22	-38.87	-288.98	-287.50	-40.35	19.17	3.84	2.74	3.65	2.93	-0.42
1296	3	96	13.68	9.82	0.36	9.20	0.98	2.33	0.12	-0.27	0.10	-0.26	-0.07
		1283	19.93	7.27	-4.91	3.23	-0.87	5.73	0.42	-0.41	-0.12	0.13	-0.39
		1472	36.45	2.82	-25.33	-25.33	2.82	0.15	0.55	-0.41	0.19	-0.05	-0.46
		147	55.22	-4.96	-38.67	-38.43	-5.20	2.83	2.51e-03	-1.04	-1.04	2.37e-03	0.01
1296	4	96	34.16	22.34	0.46	20.88	1.92	5.46	0.22	-0.88	0.21	-0.87	0.11
		1283	36.27	17.49	-12.34	7.18	-2.02	14.19	-0.38	-0.89	-0.66	-0.61	0.26
		1472	104.43	8.21	-76.18	-76.18	8.21	-0.17	-0.01	-0.73	-0.51	-0.23	0.33
		147	136.58	-14.50	-107.97	-107.42	-15.05	7.15	1.52	1.10	1.44	1.18	-0.16
1297	1	1263	123.59	37.89	-32.48	12.79	-7.37	-33.71	3.81	-2.03	0.32	1.45	2.87
		195	70.16	57.31	7.70	57.31	7.70	0.05	0.68	-0.56	0.20	-0.07	0.61
		249	290.72	-23.61	-186.38	-182.46	-27.54	-24.97	-1.99	-8.51	-8.50	-1.99	-0.23
		1473	167.83	12.70	-108.39	-108.36	12.67	1.83	4.45	-2.53	1.78	0.14	3.39
1297	2	1263	101.73	50.83	-33.41	22.95	-5.53	-39.64	-0.96	-2.43	-1.84	-1.55	-0.72
		195	98.96	64.82	1.48	61.07	5.24	-14.96	0.63	-2.55	0.61	-2.52	-0.28
		249	395.27	-41.97	-314.24	-312.75	-43.45	-20.08	4.14	3.12	3.93	3.32	0.41
		1473	307.65	23.73	-225.98	-225.98	23.72	0.74	-8.69e-03	-2.00	-1.34	-0.68	-0.94
1297	3	1263	42.47	14.98	-12.18	5.33	-2.54	-13.00	0.90	-0.71	-0.09	0.28	0.78
		195	27.59	21.44	2.50	21.37	2.57	-1.15	0.18	-0.33	0.12	-0.28	0.15
		249	111.78	-10.25	-79.02	-77.84	-11.42	-8.92	-0.26	-2.15	-2.15	-0.26	-0.03
		1473	70.58	5.56	-49.30	-49.30	5.56	0.60	1.13	-0.76	0.40	-0.03	0.92



1297	4	1263	37.95	18.81	-12.46	8.35	-1.99	-14.76	-0.38	-0.96	-0.73	-0.61	-0.28
		195	37.23	23.90	0.42	22.49	1.84	-5.59	0.26	-1.01	0.25	-1.00	-0.11
		249	147.63	-15.59	-117.00	-116.44	-16.14	-7.47	1.62	1.23	1.54	1.32	0.16
		1473	114.71	8.83	-84.15	-84.15	8.83	0.27	-9.75e-03	-0.78	-0.52	-0.27	-0.36
1298	1	1262	96.09	30.46	-21.06	10.54	-1.14	-25.09	2.32	-2.69	-0.16	-0.21	2.50
		1263	88.22	35.58	-12.39	21.62	1.56	-21.79	2.63	-1.91	0.18	0.54	2.27
		1473	145.09	-1.71	-111.63	-111.32	-2.02	-5.82	2.28	-2.84	-0.42	-0.14	2.56
		1474	84.35	1.28	-54.00	-53.70	0.97	-4.08	2.63	-2.46	0.06	0.11	2.54
1298	2	1262	71.13	37.43	-24.36	16.11	-3.05	-29.37	-0.16	-0.83	-0.63	-0.36	-0.31
		1263	79.02	47.37	-16.08	30.21	1.09	-28.19	0.58	-0.62	0.52	-0.57	-0.25
		1473	288.91	-3.97	-228.28	-228.01	-4.24	-7.77	0.46	-1.34	-0.63	-0.25	-0.88
		1474	198.60	2.60	-157.07	-156.95	2.47	-4.47	0.27	-0.05	0.04	0.18	-0.14
1298	3	1262	33.12	11.77	-8.13	4.19	-0.56	-9.66	0.61	-0.82	-0.11	-0.10	0.72
		1263	30.82	14.02	-4.95	8.51	0.55	-8.61	0.76	-0.54	0.11	0.11	0.65
		1473	64.10	-0.80	-50.45	-50.34	-0.90	-2.29	0.55	-0.80	-0.19	-0.07	0.67
		1474	38.42	0.57	-27.97	-27.88	0.49	-1.57	0.78	-0.71	0.03	0.05	0.74
1298	4	1262	26.45	13.83	-9.11	5.84	-1.12	-10.93	-0.07	-0.33	-0.25	-0.14	-0.12
		1263	29.43	17.51	-6.04	11.05	0.41	-10.51	0.23	-0.24	0.21	-0.22	-0.09
		1473	107.74	-1.46	-85.01	-84.92	-1.56	-2.87	0.18	-0.53	-0.25	-0.10	-0.34
		1474	73.99	0.98	-58.52	-58.48	0.93	-1.68	0.10	-0.01	0.02	0.07	-0.05
1299	1	1261	91.74	23.93	-22.03	2.19	-0.29	-22.95	2.46	-2.71	-0.10	-0.15	2.59
		1262	91.06	28.64	-18.84	10.46	-0.66	-23.08	2.43	-2.51	-9.25e-03	-0.07	2.47
		1474	82.57	0.48	-53.24	-52.85	0.09	-4.60	2.46	-2.60	-0.13	-9.40e-03	2.53
		1475	50.48	4.95	-3.43	1.51	0.02	-4.12	2.54	-2.57	-0.06	0.03	2.55
1299	2	1261	58.07	28.71	-22.46	7.78	-1.53	-25.16	-7.88e-04	-0.37	-0.25	-0.13	-0.18
		1262	66.54	36.02	-20.75	16.46	-1.20	-26.98	0.31	-0.24	0.19	-0.11	-0.23
		1474	198.65	0.03	-156.63	-156.45	-0.15	-5.38	0.16	-0.58	-0.31	-0.11	-0.36
		1475	120.13	0.56	-95.60	-95.41	0.37	-4.28	0.20	-0.12	0.02	0.06	-0.16
1299	3	1261	31.11	9.20	-8.27	1.12	-0.19	-8.71	0.70	-0.81	-0.05	-0.06	0.75
		1262	31.27	11.14	-7.22	4.20	-0.27	-8.90	0.71	-0.72	0.02	-0.03	0.71
		1474	37.28	0.14	-27.71	-27.60	0.03	-1.75	0.68	-0.76	-0.07	-0.01	0.72
		1475	17.61	0.38	-7.20	-6.86	0.05	-1.56	0.74	-0.74	-0.01	0.02	0.74
1299	4	1261	21.60	10.62	-8.40	2.77	-0.56	-9.36	-2.26e-03	-0.14	-0.10	-0.05	-0.07
		1262	24.77	13.32	-7.78	5.98	-0.43	-10.05	0.12	-0.09	0.08	-0.04	-0.09
		1474	74.07	0.02	-58.36	-58.29	-0.04	-1.98	0.06	-0.23	-0.12	-0.04	-0.14
		1475	44.80	0.22	-35.65	-35.58	0.15	-1.61	0.08	-0.04	0.01	0.02	-0.06
1300	1	1260	87.82	17.53	-24.57	-6.40	-0.64	-20.85	2.63	-2.59	-0.01	0.05	2.61
		1261	90.08	22.62	-21.86	1.61	-0.85	-22.21	2.52	-2.65	-0.03	-0.10	2.58
		1475	51.05	5.75	-3.05	2.41	0.29	-4.27	2.52	-2.61	-0.09	-6.96e-04	2.57
		1476	83.24	53.71	-0.29	53.42	-4.69e-03	-3.91	2.59	-2.54	0.04	7.56e-03	2.56
1300	2	1260	49.09	21.09	-22.17	0.27	-1.35	-21.62	0.04	-0.24	-0.13	-0.07	-0.14
		1261	55.68	27.06	-21.30	7.27	-1.51	-23.78	0.21	-0.18	0.06	-0.04	-0.19
		1475	120.38	0.50	-94.88	-94.66	0.28	-4.58	0.12	-0.29	-0.14	-0.03	-0.20
		1476	53.73	0.46	-42.26	-41.94	0.14	-3.67	0.15	-0.15	-0.01	0.02	-0.15
1300	3	1260	29.37	6.74	-8.99	-1.97	-0.28	-7.82	0.76	-0.77	-0.02	8.14e-03	0.76
		1261	30.38	8.70	-8.14	0.91	-0.35	-8.40	0.73	-0.76	-3.71e-04	-0.03	0.75
		1475	17.41	0.48	-6.90	-6.54	0.12	-1.59	0.72	-0.77	-0.04	-3.56e-03	0.74
		1476	21.85	12.74	-0.14	12.57	0.02	-1.46	0.75	-0.74	0.01	4.26e-03	0.75
1300	4	1260	18.29	7.81	-8.29	5.55e-03	-0.49	-8.04	0.01	-0.09	-0.05	-0.03	-0.05
		1261	20.75	10.02	-7.98	2.58	-0.55	-8.86	0.08	-0.07	0.03	-0.01	-0.07
		1475	44.92	0.20	-35.38	-35.30	0.12	-1.68	0.04	-0.11	-0.05	-0.01	-0.07
		1476	20.11	0.19	-15.81	-15.68	0.07	-1.38	0.06	-0.06	-3.98e-03	7.80e-03	-0.06
1301	1	1259	82.12	11.61	-27.40	-14.76	-1.03	-18.26	2.69	-2.33	0.07	0.28	2.51
		1260	87.05	16.70	-24.67	-6.97	-1.00	-20.47	2.65	-2.57	0.02	0.06	2.61
		1476	84.08	54.55	0.01	54.26	0.30	-3.95	2.58	-2.55	0.03	1.61e-03	2.57
		1477	132.75	100.67	-0.06	100.55	0.07	-3.53	2.55	-2.36	0.18	2.65e-03	2.45
1301	2	1259	41.78	14.61	-21.96	-5.98	-1.36	-18.14	0.05	-0.18	-0.08	-0.06	-0.11
		1260	46.72	19.52	-21.27	-0.24	-1.52	-20.39	0.15	-0.17	0.02	-0.03	-0.16
		1476	53.66	0.68	-41.64	-41.27	0.32	-3.91	0.10	-0.20	-0.09	-0.01	-0.15
		1477	9.37	5.16	-1.70	3.33	0.14	-3.04	0.11	-0.14	-0.03	7.93e-03	-0.12
1301	3	1259	27.20	4.50	-9.80	-4.90	-0.40	-6.79	0.78	-0.69	0.01	0.08	0.73
		1260	28.95	6.39	-8.97	-2.18	-0.40	-7.63	0.77	-0.75	6.61e-03	0.02	0.76
		1476	22.13	13.03	-0.04	12.87	0.13	-1.45	0.75	-0.75	4.11e-04	-6.87e-04	0.75
		1477	39.68	30.02	-0.01	29.97	0.04	-1.30	0.74	-0.69	0.05	1.61e-03	0.72
1301	4	1259	15.59	5.41	-8.21	-2.30	-0.49	-6.75	0.02	-0.07	-0.03	-0.02	-0.04
		1260	17.44	7.24	-7.97	-0.18	-0.55	-7.60	0.06	-0.06	6.77e-03	-0.01	-0.06
		1476	20.08	0.26	-15.57	-15.44	0.13	-1.43	0.04	-0.08	-0.03	-4.51e-03	-0.06
		1477	3.51	1.89	-0.66	1.16	0.06	-1.15	0.04	-0.05	-0.01	3.17e-03	-0.05
1302	1	1258	74.09	6.34	-30.36	-22.61	-1.42	-14.98	2.62	-1.90	0.17	0.56	2.25
		1259	81.66	11.03	-27.57	-15.28	-1.26	-17.98	2.69	-2.33	0.08	0.28	2.51
		1477	133.55	101.45	0.19	101.32	0.31	-3.55	2.55	-2.37	0.18	4.39e-03	2.46
		1478	182.11	141.26	0.07	141.19	0.13	-2.98	2.37	-2.01	0.36	8.67e-04	2.19
1302	2	1258	35.79	9.23	-21.62	-11.00	-1.38	-14.66	0.04	-0.14	-0.06	-0.05	-0.09
		1259	39.39	13.17	-21.08	-6.41	-1.50	-16.95	0.11	-0.15	-6.27e-03	-0.03	-0.13
		1477	9.88	5.81	-1.63	3.88	0.30	-3.27	0.09	-0.16	-0.06	-4.98e-03	-0.12
		1478	50.85	40.52	0.01	40.38	0.15	-2.40	0.08	-0.11	-0.03	3.81e-03	-0.10
1302	3	1258	24.44	2.53	-10.63	-7.59	-0.51	-5.55	0.76	-0.56	0.04	0.16	0.66



		1259	26.91	4.23	-9.80	-5.09	-0.47	-6.63	0.78	-0.68	0.02	0.08	0.73
		1477	39.97	30.29	0.07	30.24	0.13	-1.28	0.74	-0.69	0.05	7.88e-04	0.72
		1478	57.52	44.85	0.04	44.82	0.06	-1.08	0.69	-0.59	0.10	6.56e-04	0.64
1302	4	1258	13.37	3.42	-8.08	-4.15	-0.50	-5.45	0.02	-0.06	-0.02	-0.02	-0.04
		1259	14.73	4.89	-7.89	-2.46	-0.55	-6.32	0.04	-0.06	-2.28e-03	-0.01	-0.05
		1477	3.61	2.09	-0.60	1.37	0.13	-1.19	0.03	-0.06	-0.03	-1.99e-03	-0.05
		1478	18.83	15.01	0.01	14.95	0.07	-0.91	0.03	-0.04	-0.01	1.53e-03	-0.04
1303	1	1257	63.80	2.03	-33.28	-29.46	-1.79	-10.97	2.42	-1.25	0.28	0.89	1.81
		1258	73.72	5.90	-30.53	-23.07	-1.56	-14.70	2.62	-1.90	0.16	0.56	2.25
		1478	182.88	141.95	0.26	141.88	0.33	-3.01	2.38	-2.01	0.37	7.40e-03	2.19
		1479	223.24	173.45	0.16	173.42	0.19	-2.24	2.04	-1.48	0.57	-6.17e-03	1.74
1303	2	1257	31.01	4.90	-21.15	-14.85	-1.40	-11.16	0.03	-0.11	-0.04	-0.04	-0.07
		1258	33.53	7.93	-20.76	-11.34	-1.49	-13.47	0.07	-0.12	-0.02	-0.04	-0.10
		1478	51.50	40.99	0.12	40.82	0.29	-2.63	0.07	-0.13	-0.05	-2.49e-03	-0.09
		1479	86.81	69.26	0.13	69.22	0.17	-1.77	0.06	-0.09	-0.04	1.94e-03	-0.07
1303	3	1257	21.09	0.92	-11.45	-9.90	-0.63	-4.09	0.71	-0.37	0.08	0.26	0.53
		1258	24.19	2.32	-10.64	-7.76	-0.56	-5.39	0.77	-0.56	0.05	0.16	0.66
		1478	57.77	45.09	0.11	45.06	0.13	-1.07	0.69	-0.59	0.10	1.93e-03	0.64
		1479	72.49	56.57	0.07	56.56	0.08	-0.82	0.60	-0.43	0.16	-1.62e-03	0.51
1303	4	1257	11.59	1.82	-7.90	-5.57	-0.51	-4.15	9.91e-03	-0.04	-0.02	-0.02	-0.03
		1258	12.56	2.95	-7.77	-4.28	-0.54	-5.03	0.03	-0.05	-6.58e-03	-0.01	-0.04
		1478	19.07	15.18	0.06	15.12	0.12	-0.96	0.03	-0.05	-0.02	-9.96e-04	-0.04
		1479	32.22	25.70	0.06	25.69	0.08	-0.68	0.02	-0.04	-0.01	7.81e-04	-0.03
1304	1	1256	52.90	-0.75	-35.70	-34.48	-1.96	-6.40	1.98	-0.47	0.37	1.15	1.16
		1257	63.30	1.67	-33.42	-29.84	-1.91	-10.63	2.42	-1.23	0.28	0.91	1.80
		1479	223.96	173.98	0.32	173.95	0.35	-2.26	2.05	-1.47	0.59	-5.47e-03	1.74
		1480	251.20	195.16	0.21	195.15	0.22	-1.30	1.55	-0.83	0.73	-0.01	1.13
1304	2	1256	27.43	1.62	-20.62	-17.58	-1.42	-7.64	8.57e-03	-0.08	-0.03	-0.04	-0.05
		1257	29.07	3.79	-20.37	-15.10	-1.48	-9.98	0.04	-0.10	-0.02	-0.04	-0.07
		1479	87.25	69.60	0.22	69.55	0.27	-2.00	0.05	-0.10	-0.05	-1.30e-03	-0.07
		1480	112.54	89.85	0.18	89.84	0.19	-1.14	0.03	-0.07	-0.04	9.67e-04	-0.05
1304	3	1256	17.66	-0.14	-12.13	-11.59	-0.68	-2.47	0.58	-0.14	0.11	0.34	0.34
		1257	20.83	0.75	-11.46	-10.04	-0.67	-3.92	0.71	-0.36	0.08	0.27	0.53
		1479	72.73	56.75	0.12	56.74	0.14	-0.80	0.60	-0.43	0.17	-1.75e-03	0.51
		1480	82.77	64.57	0.09	64.57	0.09	-0.49	0.45	-0.24	0.21	-3.48e-03	0.33
1304	4	1256	10.26	0.61	-7.71	-6.58	-0.52	-2.84	3.09e-03	-0.03	-0.01	-0.02	-0.02
		1257	10.90	1.42	-7.63	-5.67	-0.54	-3.72	0.02	-0.04	-8.61e-03	-0.01	-0.03
		1479	32.38	25.83	0.09	25.81	0.11	-0.72	0.02	-0.04	-0.02	-5.16e-04	-0.03
		1480	41.80	33.37	0.08	33.36	0.08	-0.45	0.01	-0.03	-0.02	3.92e-04	-0.02
1305	1	1255	47.20	-1.29	-36.89	-36.78	-1.40	-1.99	1.19	0.09	0.31	0.97	0.44
		1256	52.38	-1.12	-35.78	-34.69	-2.20	-6.03	2.02	-0.39	0.40	1.22	1.13
		1480	251.64	195.36	0.34	195.36	0.35	-1.27	1.53	-0.86	0.73	-0.06	1.13
		1481	262.79	205.27	0.17	205.27	0.17	-0.38	0.96	-0.25	0.68	0.03	0.51
1305	2	1255	25.07	-0.53	-20.12	-19.22	-1.44	-4.12	-0.01	-0.06	-0.03	-0.04	-0.02
		1256	25.99	0.78	-20.00	-17.75	-1.47	-6.47	0.02	-0.08	-0.02	-0.04	-0.05
		1480	112.83	90.08	0.24	90.06	0.26	-1.37	0.03	-0.07	-0.04	-6.51e-04	-0.05
		1481	128.02	102.24	0.21	102.23	0.21	-0.51	0.01	-0.05	-0.04	4.16e-04	-0.02
1305	3	1255	15.75	-0.44	-12.46	-12.39	-0.51	-0.90	0.35	0.03	0.09	0.28	0.13
		1256	17.42	-0.29	-12.13	-11.67	-0.75	-2.29	0.59	-0.12	0.12	0.36	0.33
		1480	82.92	64.65	0.13	64.64	0.14	-0.46	0.45	-0.25	0.21	-0.02	0.33
		1481	87.41	68.51	0.08	68.51	0.08	-0.17	0.28	-0.07	0.20	9.99e-03	0.15
1305	4	1255	9.39	-0.19	-7.52	-7.19	-0.52	-1.53	-4.54e-03	-0.02	-0.01	-0.01	-8.78e-03
		1256	9.75	0.30	-7.49	-6.65	-0.54	-2.42	6.69e-03	-0.03	-9.59e-03	-0.01	-0.02
		1480	41.90	33.45	0.10	33.44	0.11	-0.49	0.01	-0.03	-0.02	-2.57e-04	-0.02
		1481	47.56	37.98	0.09	37.98	0.09	-0.21	4.44e-03	-0.02	-0.02	1.72e-04	-9.17e-03
1306	1	1254	46.56	-0.46	-36.77	-36.74	-0.50	1.06	0.53	0.15	0.17	0.51	-0.08
		1255	46.93	-1.69	-36.86	-36.75	-1.80	-2.02	1.30	0.18	0.38	1.09	0.43
		1481	262.71	205.08	0.28	205.08	0.28	-0.27	0.90	-0.34	0.64	-0.09	0.50
		1482	261.44	206.09	0.10	206.09	0.10	0.13	0.46	0.08	0.46	0.09	0.02
1306	2	1254	24.01	-1.43	-19.81	-19.79	-1.45	-0.59	-0.03	-0.04	-0.03	-0.04	5.12e-04
		1255	24.30	-0.99	-19.77	-19.30	-1.46	-2.94	-6.39e-03	-0.06	-0.02	-0.04	-0.02
		1481	128.16	102.35	0.24	102.34	0.24	-0.74	0.01	-0.05	-0.04	-2.56e-04	-0.02
		1482	133.22	106.40	0.23	106.40	0.23	0.11	5.89e-05	-0.04	-0.04	5.74e-05	-2.42e-04
1306	3	1254	15.65	-0.24	-12.43	-12.42	-0.25	0.28	0.15	0.04	0.05	0.15	-0.02
		1255	15.68	-0.57	-12.45	-12.39	-0.63	-0.83	0.38	0.05	0.11	0.32	0.13
		1481	87.39	68.46	0.11	68.46	0.11	-0.12	0.26	-0.10	0.19	-0.03	0.15
		1482	87.41	69.07	0.06	69.07	0.06	0.03	0.13	0.03	0.13	0.03	6.08e-03
1306	4	1254	8.99	-0.52	-7.41	-7.40	-0.53	-0.21	-0.01	-0.01	-0.01	-0.01	2.04e-04
		1255	9.11	-0.36	-7.40	-7.22	-0.53	-1.10	-2.82e-03	-0.02	-0.01	-0.01	-9.26e-03
		1481	47.61	38.02	0.10	38.02	0.10	-0.25	3.89e-03	-0.02	-0.02	-9.76e-05	-8.92e-03
		1482	49.50	39.53	0.10	39.53	0.10	0.02	2.88e-05	-0.02	-0.02	2.82e-05	-9.91e-05
1307	1	1253	46.05	-0.50	-36.40	-36.18	-0.72	2.78	0.81	-0.04	0.21	0.56	-0.39
		1254	46.27	-0.71	-36.65	-36.65	-0.71	0.34	0.57	0.21	0.21	0.57	-0.01
		1482	261.22	205.88	0.14	205.88	0.14	0.25	0.43	0.01	0.43	0.01	-8.95e-03
		1483	256.71	202.27	0.15	202.27	0.15	0.31	0.66	-0.22	0.42	0.01	-0.39
1307	2	1253	24.30	-0.99	-19.77	-19.30	-1.46	2.94	-6.39e-03	-0.06	-0.02	-0.04	0.02
		1254	24.01	-1.43	-19.81	-19.79	-1.45	0.59	-0.03	-0.04	-0.03	-0.04	-5.13e-04



		1482	133.22	106.40	0.23	106.40	0.23	-0.11	5.89e-05	-0.04	-0.04	5.74e-05	2.42e-04
		1483	128.16	102.35	0.24	102.34	0.24	0.74	0.01	-0.05	-0.04	-2.56e-04	0.02
1307	3	1253	15.51	-0.22	-12.32	-12.22	-0.31	1.05	0.23	-0.01	0.06	0.16	-0.11
		1254	15.57	-0.31	-12.40	-12.40	-0.31	0.14	0.17	0.06	0.06	0.17	-4.03e-03
		1482	87.35	69.00	0.07	69.00	0.07	0.09	0.12	4.06e-03	0.12	4.12e-03	-2.62e-03
		1483	85.62	67.63	0.08	67.63	0.08	0.13	0.19	-0.06	0.12	4.09e-03	-0.11
1307	4	1253	9.11	-0.36	-7.40	-7.22	-0.53	1.10	-2.82e-03	-0.02	-0.01	-0.01	9.26e-03
		1254	8.99	-0.52	-7.41	-7.40	-0.53	0.21	-0.01	-0.01	-0.01	-0.01	-2.04e-04
		1482	49.50	39.53	0.10	39.53	0.10	-0.02	2.88e-05	-0.02	-0.02	2.82e-05	9.91e-05
		1483	47.61	38.02	0.10	38.02	0.10	0.25	3.89e-03	-0.02	-0.02	-9.76e-05	8.92e-03
1308	1	1252	49.26	-1.03	-36.02	-35.26	-1.79	5.09	1.61	-0.17	0.37	1.07	-0.82
		1253	45.87	-0.36	-36.32	-36.20	-0.48	2.05	0.69	-0.03	0.17	0.50	-0.32
		1483	256.81	202.37	0.08	202.37	0.08	0.44	0.72	-0.19	0.45	0.09	-0.42
		1484	249.12	194.19	0.28	194.19	0.29	0.83	1.22	-0.68	0.62	-0.09	-0.88
1308	2	1252	25.99	0.78	-20.00	-17.75	-1.47	6.47	0.02	-0.08	-0.02	-0.04	0.05
		1253	25.07	-0.53	-20.12	-19.22	-1.44	4.12	-0.01	-0.06	-0.03	-0.04	0.02
		1483	128.02	102.24	0.21	102.23	0.21	0.51	0.01	-0.05	-0.04	4.16e-04	0.02
		1484	112.83	90.08	0.24	90.06	0.26	1.37	0.03	-0.07	-0.04	-6.51e-04	0.05
1308	3	1252	16.52	-0.28	-12.19	-11.84	-0.63	2.01	0.47	-0.05	0.11	0.31	-0.24
		1253	15.41	-0.17	-12.29	-12.22	-0.24	0.91	0.20	-9.55e-03	0.05	0.14	-0.09
		1483	85.64	67.65	0.05	67.65	0.05	0.19	0.21	-0.05	0.13	0.03	-0.12
		1484	82.18	64.30	0.12	64.30	0.12	0.33	0.35	-0.20	0.18	-0.03	-0.26
1308	4	1252	9.75	0.30	-7.49	-6.65	-0.54	2.42	6.69e-03	-0.03	-9.59e-03	-0.01	0.02
		1253	9.39	-0.19	-7.52	-7.19	-0.52	1.53	-4.54e-03	-0.02	-0.01	-0.01	8.78e-03
		1483	47.56	37.98	0.09	37.98	0.09	0.21	4.44e-03	-0.02	-0.02	1.72e-04	9.17e-03
		1484	41.90	33.45	0.10	33.44	0.11	0.49	0.01	-0.03	-0.02	-2.57e-04	0.02
1309	1	1251	58.60	0.33	-34.69	-32.18	-2.18	9.02	2.33	-0.77	0.39	1.18	-1.50
		1252	49.11	-0.62	-35.95	-35.21	-1.36	5.06	1.51	-0.27	0.30	0.94	-0.83
		1484	249.10	194.28	0.14	194.27	0.15	0.94	1.29	-0.60	0.66	0.03	-0.89
		1485	229.19	177.33	0.34	177.31	0.36	1.82	1.86	-1.22	0.70	-0.06	-1.49
1309	2	1251	29.07	3.79	-20.37	-15.10	-1.48	9.98	0.04	-0.10	-0.02	-0.04	0.07
		1252	27.43	1.62	-20.62	-17.58	-1.42	7.64	8.57e-03	-0.08	-0.03	-0.04	0.05
		1484	112.54	89.85	0.18	89.84	0.19	1.14	0.03	-0.07	-0.04	9.67e-04	0.05
		1485	87.25	69.60	0.22	69.55	0.27	2.00	0.05	-0.10	-0.05	-1.30e-03	0.07
1309	3	1251	19.44	0.33	-11.80	-10.73	-0.75	3.44	0.68	-0.22	0.11	0.35	-0.44
		1252	16.54	-0.13	-12.18	-11.81	-0.50	2.08	0.44	-0.08	0.09	0.27	-0.24
		1484	82.16	64.31	0.07	64.31	0.07	0.39	0.38	-0.17	0.19	0.01	-0.26
		1485	74.29	57.75	0.13	57.74	0.14	0.67	0.54	-0.36	0.20	-0.02	-0.44
1309	4	1251	10.90	1.42	-7.63	-5.67	-0.54	3.72	0.02	-0.04	-8.61e-03	-0.01	0.03
		1252	10.26	0.61	-7.71	-6.58	-0.52	2.84	3.09e-03	-0.03	-0.01	-0.02	0.02
		1484	41.80	33.37	0.08	33.36	0.08	0.45	0.01	-0.03	-0.02	3.92e-04	0.02
		1485	32.38	25.83	0.09	25.81	0.11	0.72	0.02	-0.04	-0.02	-5.16e-04	0.03
1310	1	1250	71.13	4.11	-32.27	-26.29	-1.87	13.49	2.70	-1.60	0.26	0.84	-2.13
		1251	59.30	0.80	-34.60	-31.90	-1.90	9.40	2.30	-0.85	0.35	1.10	-1.53
		1485	228.65	177.02	0.18	177.00	0.20	1.85	1.88	-1.19	0.70	-0.01	-1.49
		1486	193.03	149.01	0.30	148.96	0.35	2.80	2.35	-1.81	0.54	-5.61e-03	-2.06
1310	2	1250	33.53	7.93	-20.76	-11.34	-1.49	13.47	0.07	-0.12	-0.02	-0.04	0.10
		1251	31.01	4.90	-21.15	-14.85	-1.40	11.16	0.03	-0.11	-0.04	-0.04	0.07
		1485	86.81	69.26	0.13	69.22	0.17	1.77	0.06	-0.09	-0.04	1.94e-03	0.07
		1486	51.50	40.99	0.12	40.82	0.29	2.63	0.07	-0.13	-0.05	-2.49e-03	0.09
1310	3	1250	23.42	1.76	-11.13	-8.71	-0.65	5.03	0.79	-0.47	0.07	0.25	-0.62
		1251	19.76	0.52	-11.81	-10.63	-0.66	3.63	0.67	-0.25	0.10	0.32	-0.45
		1485	74.11	57.63	0.08	57.62	0.08	0.70	0.55	-0.35	0.20	-3.39e-03	-0.44
		1486	60.80	47.18	0.12	47.16	0.14	1.01	0.68	-0.53	0.15	-1.92e-03	-0.60
1310	4	1250	12.56	2.95	-7.77	-4.28	-0.54	5.03	0.03	-0.05	-6.58e-03	-0.01	0.04
		1251	11.59	1.82	-7.90	-5.57	-0.51	4.15	9.91e-03	-0.04	-0.02	-0.02	0.03
		1485	32.22	25.70	0.06	25.69	0.08	0.68	0.02	-0.04	-0.01	7.81e-04	0.03
		1486	19.07	15.18	0.06	15.12	0.12	0.96	0.03	-0.05	-0.02	-9.96e-04	0.04
1311	1	1249	81.75	9.35	-29.33	-18.48	-1.51	17.38	2.84	-2.24	0.14	0.47	-2.53
		1250	71.72	4.59	-32.13	-25.83	-1.71	13.85	2.70	-1.62	0.25	0.82	-2.14
		1486	192.22	148.37	0.11	148.32	0.16	2.77	2.34	-1.82	0.52	-6.08e-03	-2.06
		1487	144.14	110.37	0.23	110.26	0.34	3.51	2.63	-2.31	0.31	7.21e-03	-2.47
1311	2	1249	39.39	13.17	-21.08	-6.41	-1.50	16.95	0.11	-0.15	-6.27e-03	-0.03	0.13
		1250	35.79	9.23	-21.62	-11.00	-1.38	14.66	0.04	-0.14	-0.06	-0.05	0.09
		1486	50.85	40.52	0.01	40.38	0.15	2.40	0.08	-0.11	-0.03	3.81e-03	0.10
		1487	9.88	5.81	-1.63	3.88	0.30	3.27	0.09	-0.16	-0.06	-4.98e-03	0.12
1311	3	1249	26.93	3.72	-10.30	-6.04	-0.55	6.45	0.83	-0.65	0.04	0.14	-0.74
		1250	23.73	1.98	-11.13	-8.55	-0.60	5.21	0.79	-0.48	0.07	0.24	-0.63
		1486	60.53	46.96	0.05	46.93	0.07	1.02	0.68	-0.53	0.15	-1.40e-03	-0.60
		1487	42.75	32.93	0.09	32.89	0.14	1.27	0.76	-0.68	0.08	1.62e-03	-0.72
1311	4	1249	14.73	4.89	-7.89	-2.46	-0.55	6.32	0.04	-0.06	-2.28e-03	-0.01	0.05
		1250	13.37	3.42	-8.08	-4.15	-0.50	5.45	0.02	-0.06	-0.02	-0.02	0.04
		1486	18.83	15.01	0.01	14.95	0.07	0.91	0.03	-0.04	-0.01	1.53e-03	0.04
		1487	3.61	2.09	-0.60	1.37	0.13	1.19	0.03	-0.06	-0.03	-1.99e-03	0.05
1312	1	1248	89.14	15.41	-26.27	-9.65	-1.20	20.41	2.84	-2.61	0.05	0.17	-2.72
		1249	82.25	9.94	-29.18	-17.94	-1.29	17.70	2.84	-2.24	0.13	0.47	-2.53
		1487	143.30	109.57	-0.02	109.46	0.09	3.48	2.62	-2.32	0.30	1.85e-03	-2.46



		1488	93.98	63.74	0.07	63.49	0.33	4.03	2.73	-2.62	0.11	4.11e-03	-2.67
1312	2	1248	46.72	19.52	-21.27	-0.24	-1.52	20.39	0.15	-0.17	0.02	-0.03	0.16
		1249	41.78	14.61	-21.96	-5.98	-1.36	18.14	0.05	-0.18	-0.08	-0.06	0.11
		1487	9.37	5.16	-1.70	3.33	0.14	3.04	0.11	-0.14	-0.03	7.93e-03	0.12
		1488	53.66	0.68	-41.64	-41.27	0.32	3.91	0.10	-0.20	-0.09	-0.01	0.15
1312	3	1248	29.56	5.99	-9.43	-2.97	-0.46	7.61	0.83	-0.76	0.02	0.05	-0.79
		1249	27.23	3.98	-10.30	-5.84	-0.47	6.62	0.82	-0.66	0.03	0.13	-0.74
		1487	42.48	32.66	3.56e-04	32.61	0.05	1.28	0.76	-0.68	0.09	1.37e-03	-0.72
		1488	24.89	15.74	-4.66e-03	15.60	0.13	1.47	0.79	-0.77	0.02	5.27e-05	-0.78
1312	4	1248	17.44	7.24	-7.97	-0.18	-0.55	7.60	0.06	-0.06	6.77e-03	-0.01	0.06
		1249	15.59	5.41	-8.21	-2.30	-0.49	6.75	0.02	-0.07	-0.03	-0.02	0.04
		1487	3.51	1.89	-0.66	1.16	0.06	1.15	0.04	-0.05	-0.01	3.17e-03	0.05
		1488	20.08	0.26	-15.57	-15.44	0.13	1.43	0.04	-0.08	-0.03	-4.51e-03	0.06
1313	1	1247	93.51	21.89	-23.20	-0.32	-0.99	22.54	2.73	-2.77	-8.94e-03	-0.03	-2.75
		1248	89.90	16.26	-26.15	-9.06	-0.84	20.80	2.82	-2.63	0.02	0.16	-2.72
		1488	93.07	62.86	-0.24	62.60	0.01	3.97	2.73	-2.61	0.11	8.16e-03	-2.67
		1489	55.57	12.40	-1.30	10.78	0.32	4.42	2.71	-2.75	-0.04	8.05e-04	-2.73
1313	2	1247	55.68	27.06	-21.30	7.27	-1.51	23.78	0.21	-0.18	0.06	-0.04	0.19
		1248	49.09	21.09	-22.17	0.27	-1.35	21.62	0.04	-0.24	-0.13	-0.07	0.14
		1488	53.73	0.46	-42.26	-41.94	0.14	3.67	0.15	-0.15	-0.01	0.02	0.15
		1489	120.38	0.50	-94.88	-94.66	0.28	4.58	0.12	-0.29	-0.14	-0.03	0.20
1313	3	1247	31.39	8.48	-8.54	0.34	-0.40	8.50	0.80	-0.80	4.79e-03	-0.01	-0.80
		1248	29.97	6.35	-9.45	-2.76	-0.34	7.80	0.81	-0.78	-6.15e-03	0.04	-0.80
		1488	24.58	15.43	-0.11	15.29	0.03	1.47	0.80	-0.76	0.03	4.44e-03	-0.78
		1489	17.11	0.69	-4.62	-4.06	0.13	1.63	0.78	-0.81	-0.03	-3.12e-03	-0.79
1313	4	1247	20.75	10.02	-7.98	2.58	-0.55	8.86	0.08	-0.07	0.03	-0.01	0.07
		1248	18.29	7.81	-8.29	5.55e-03	-0.49	8.04	0.01	-0.09	-0.05	-0.03	0.05
		1488	20.11	0.19	-15.81	-15.68	0.07	1.38	0.06	-0.06	-3.98e-03	7.80e-03	0.06
		1489	44.92	0.20	-35.38	-35.30	0.12	1.68	0.04	-0.11	-0.05	-0.01	0.07
1314	1	1246	95.29	28.49	-19.91	9.34	-0.76	23.66	2.65	-2.68	-1.41e-03	-0.03	-2.67
		1247	95.17	23.24	-23.36	0.29	-0.40	23.30	2.67	-2.84	-0.08	-0.09	-2.75
		1489	54.75	11.41	-1.57	9.81	0.02	4.26	2.72	-2.71	-0.02	0.03	-2.71
		1490	78.78	0.61	-46.58	-46.09	0.12	4.78	2.67	-2.78	-0.10	-7.52e-03	-2.73
1314	2	1246	66.54	36.02	-20.75	16.46	-1.20	26.98	0.31	-0.24	0.19	-0.11	0.23
		1247	58.07	28.71	-22.46	7.78	-1.53	25.16	-7.88e-04	-0.37	-0.25	-0.13	0.18
		1489	120.13	0.56	-95.60	-95.41	0.37	4.28	0.20	-0.12	0.02	0.06	0.16
		1490	198.65	0.03	-156.63	-156.45	-0.15	5.38	0.16	-0.58	-0.31	-0.11	0.36
1314	3	1246	32.51	11.09	-7.53	3.87	-0.30	9.07	0.77	-0.77	0.02	-0.02	-0.77
		1247	32.11	8.99	-8.65	0.55	-0.22	8.81	0.76	-0.85	-0.05	-0.04	-0.80
		1489	17.20	0.57	-4.92	-4.40	0.05	1.61	0.80	-0.78	-1.57e-03	0.02	-0.79
		1490	35.57	0.16	-25.72	-25.59	0.04	1.80	0.74	-0.81	-0.06	-0.01	-0.78
1314	4	1246	24.77	13.32	-7.78	5.98	-0.43	10.05	0.12	-0.09	0.08	-0.04	0.09
		1247	21.60	10.62	-8.40	2.77	-0.56	9.36	-2.26e-03	-0.14	-0.10	-0.05	0.07
		1489	44.80	0.22	-35.65	-35.58	0.15	1.61	0.08	-0.04	0.01	0.02	0.06
		1490	74.07	0.02	-58.36	-58.29	-0.04	1.98	0.06	-0.23	-0.12	-0.04	0.14
1315	1	1245	92.70	35.94	-13.17	21.27	1.50	22.48	2.88	-2.07	0.19	0.62	-2.46
		1246	100.46	30.41	-22.10	9.47	-1.17	25.71	2.55	-2.86	-0.15	-0.17	-2.71
		1490	80.30	1.32	-47.39	-47.01	0.95	4.26	2.84	-2.63	0.10	0.11	-2.74
		1491	141.25	-1.62	-106.86	-106.52	-1.97	6.01	2.51	-3.08	-0.42	-0.15	-2.79
1315	2	1245	79.02	47.37	-16.08	30.21	1.09	28.19	0.58	-0.62	0.52	-0.57	0.25
		1246	71.13	37.43	-24.36	16.11	-3.05	29.37	-0.16	-0.83	-0.63	-0.36	0.31
		1490	198.60	2.60	-157.07	-156.95	2.47	4.47	0.27	-0.05	0.04	0.18	0.14
		1491	288.91	-3.97	-228.28	-228.01	-4.24	7.77	0.46	-1.34	-0.63	-0.25	0.88
1315	3	1245	32.14	14.12	-5.18	8.41	0.53	8.81	0.83	-0.59	0.11	0.13	-0.71
		1246	34.39	11.75	-8.43	3.88	-0.56	9.84	0.68	-0.87	-0.11	-0.09	-0.77
		1490	36.70	0.58	-26.00	-25.90	0.48	1.62	0.84	-0.76	0.04	0.05	-0.80
		1491	62.45	-0.77	-49.03	-48.92	-0.89	2.35	0.62	-0.88	-0.19	-0.07	-0.74
1315	4	1245	29.43	17.51	-6.04	11.05	0.41	10.51	0.23	-0.24	0.21	-0.22	0.09
		1246	26.45	13.83	-9.11	5.84	-1.12	10.93	-0.07	-0.33	-0.25	-0.14	0.12
		1490	73.99	0.98	-58.52	-58.48	0.93	1.68	0.10	-0.01	0.02	0.07	0.05
		1491	107.74	-1.46	-85.01	-84.92	-1.56	2.87	0.18	-0.53	-0.25	-0.10	0.34
1316	1	97	70.34	57.82	7.91	57.82	7.92	0.57	0.76	-0.59	0.19	-0.02	-0.67
		1245	129.48	38.36	-33.34	12.48	-7.46	34.44	4.22	-2.16	0.41	1.64	-3.13
		1491	165.52	12.47	-103.66	-103.64	12.45	-1.57	4.87	-2.74	1.97	0.17	-3.70
		343	294.41	-23.15	-183.78	-179.75	-27.18	25.12	-2.24	-9.33	-9.32	-2.25	0.25
1316	2	97	98.96	64.82	1.48	61.07	5.24	14.96	0.63	-2.55	0.61	-2.52	0.28
		1245	101.73	50.83	-33.41	22.95	-5.53	39.64	-0.96	-2.43	-1.84	-1.55	0.72
		1491	307.65	23.73	-225.98	-225.98	23.72	-0.74	-8.69e-03	-2.00	-1.34	-0.68	0.94
		343	395.27	-41.97	-314.24	-312.75	-43.45	20.08	4.14	3.12	3.93	3.32	-0.41
1316	3	97	27.64	21.62	2.54	21.52	2.63	1.33	0.19	-0.33	0.12	-0.26	-0.17
		1245	44.19	15.12	-12.44	5.24	-2.56	13.21	1.02	-0.75	-0.06	0.34	-0.86
		1491	69.66	5.50	-47.90	-47.90	5.49	-0.52	1.26	-0.82	0.46	-0.02	-1.01
		343	112.87	-10.12	-78.24	-77.04	-11.32	8.96	-0.33	-2.39	-2.39	-0.33	0.04
1316	4	97	37.23	23.90	0.42	22.49	1.84	5.59	0.26	-1.01	0.25	-1.00	0.11
		1245	37.95	18.81	-12.46	8.35	-1.99	14.76	-0.38	-0.96	-0.73	-0.61	0.28
		1491	114.71	8.83	-84.15	-84.15	8.83	-0.27	-9.75e-03	-0.78	-0.52	-0.27	0.36
		343	147.63	-15.59	-117.00	-116.44	-16.14	7.47	1.62	1.23	1.54	1.32	-0.16



1317	1	1225	173.00	64.74	-60.56	18.34	-14.16	-60.51	2.64	-1.97	-0.13	0.80	2.26
		196	131.04	105.28	11.99	104.26	13.00	9.67	0.51	-0.69	0.32	-0.50	0.44
		236	514.94	-50.55	-390.58	-382.74	-58.39	-51.02	-1.07	-6.44	-6.43	-1.07	-0.16
		1492	346.61	27.01	-253.19	-253.03	26.85	6.71	3.39	-2.18	1.19	0.02	2.72
1317	2	1225	99.02	50.74	-32.44	23.42	-5.13	-39.07	-1.08	-2.46	-2.01	-1.54	-0.65
		196	101.25	64.33	0.99	60.89	4.43	-14.35	0.75	-2.80	0.73	-2.78	-0.27
		236	394.58	-42.12	-315.45	-313.96	-43.60	-20.09	4.05	3.24	3.77	3.52	0.39
		1492	310.57	23.81	-228.86	-228.86	23.80	1.03	-0.13	-1.91	-1.30	-0.73	-0.84
1317	3	1225	57.19	22.91	-20.42	7.00	-4.52	-20.89	0.56	-0.70	-0.23	0.09	0.61
		196	45.44	35.36	3.97	35.26	4.07	1.76	0.19	-0.44	0.17	-0.42	0.10
		236	178.41	-18.23	-139.50	-137.18	-20.56	-16.64	0.02	-1.55	-1.55	0.02	-0.01
		1492	124.64	9.79	-92.34	-92.29	9.75	2.06	0.83	-0.66	0.23	-0.07	0.73
1317	4	1225	36.91	18.76	-12.09	8.50	-1.84	-14.53	-0.43	-0.96	-0.79	-0.60	-0.25
		196	38.03	23.71	0.24	22.41	1.53	-5.36	0.30	-1.10	0.29	-1.09	-0.10
		236	147.21	-15.63	-117.35	-116.80	-16.18	-7.47	1.58	1.27	1.47	1.38	0.15
		1492	115.67	8.85	-85.13	-85.13	8.85	0.38	-0.05	-0.74	-0.51	-0.29	-0.33
1318	1	1224	132.18	54.34	-35.90	20.53	-2.09	-43.68	1.78	-2.49	-0.30	-0.41	2.13
		1225	117.09	60.53	-19.22	37.37	3.94	-36.21	2.10	-1.64	0.22	0.24	1.87
		1492	326.96	-4.03	-260.56	-260.17	-4.42	-9.99	1.64	-2.35	-0.54	-0.17	1.99
		1493	210.41	2.26	-163.54	-163.28	2.00	-6.56	2.26	-2.19	-0.05	0.12	2.23
1318	2	1224	69.26	37.49	-23.51	17.03	-3.05	-28.80	-0.22	-0.83	-0.69	-0.35	-0.25
		1225	77.68	47.31	-15.40	30.77	1.14	-27.63	0.65	-0.54	0.63	-0.51	-0.16
		1492	292.85	-3.99	-231.25	-231.00	-4.24	-7.63	0.38	-1.36	-0.69	-0.29	-0.85
		1493	203.65	2.59	-161.48	-161.36	2.47	-4.36	0.24	0.07	0.10	0.21	-0.06
1318	3	1224	43.86	18.83	-12.46	7.21	-0.83	-15.12	0.45	-0.77	-0.16	-0.16	0.61
		1225	39.41	21.39	-6.92	13.20	1.26	-12.83	0.62	-0.47	0.13	0.02	0.54
		1492	119.01	-1.48	-94.72	-94.58	-1.61	-3.52	0.36	-0.67	-0.23	-0.08	0.51
		1493	77.55	0.88	-60.70	-60.62	0.79	-2.29	0.68	-0.63	-4.82e-03	0.06	0.66
1318	4	1224	25.71	13.84	-8.79	6.17	-1.12	-10.71	-0.09	-0.32	-0.27	-0.14	-0.10
		1225	28.88	17.47	-5.79	11.25	0.43	-10.29	0.26	-0.21	0.25	-0.20	-0.06
		1492	109.09	-1.47	-86.03	-85.94	-1.56	-2.82	0.15	-0.53	-0.27	-0.11	-0.33
		1493	75.78	0.97	-60.09	-60.05	0.93	-1.64	0.09	0.03	0.04	0.08	-0.02
1319	1	1223	129.82	47.65	-36.73	10.42	0.49	-41.89	2.06	-2.68	-0.20	-0.41	2.37
		1224	123.73	51.48	-31.28	20.69	-0.49	-40.00	1.98	-2.28	-0.03	-0.27	2.13
		1493	206.62	0.26	-162.50	-162.15	-0.09	-7.54	2.01	-2.32	-0.28	-0.03	2.16
		1494	99.10	0.62	-69.29	-68.60	-0.07	-6.90	2.28	-2.46	-0.21	0.03	2.36
1319	2	1223	56.57	28.91	-21.50	8.92	-1.52	-24.66	-0.03	-0.35	-0.27	-0.11	-0.14
		1224	65.09	36.16	-19.90	17.40	-1.15	-26.45	0.31	-0.15	0.23	-0.07	-0.17
		1493	204.06	9.80e-03	-161.06	-160.89	-0.16	-5.26	0.10	-0.54	-0.32	-0.13	-0.30
		1494	126.95	0.54	-101.25	-101.08	0.37	-4.20	0.18	-0.06	0.05	0.07	-0.12
1319	3	1223	42.41	16.23	-12.55	3.63	0.04	-14.28	0.58	-0.80	-0.09	-0.13	0.69
		1224	40.97	17.90	-10.83	7.28	-0.22	-13.87	0.58	-0.65	0.01	-0.08	0.62
		1493	76.39	0.09	-60.36	-60.25	-0.03	-2.61	0.55	-0.68	-0.11	-0.02	0.61
		1494	38.11	0.22	-28.22	-28.02	0.02	-2.38	0.67	-0.71	-0.06	0.02	0.69
1319	4	1223	21.00	10.68	-8.04	3.19	-0.55	-9.17	-0.01	-0.13	-0.11	-0.04	-0.05
		1224	24.19	13.36	-7.46	6.31	-0.41	-9.85	0.12	-0.06	0.09	-0.03	-0.07
		1493	75.99	0.02	-59.94	-59.88	-0.05	-1.93	0.04	-0.21	-0.12	-0.05	-0.12
		1494	47.29	0.22	-37.70	-37.64	0.15	-1.58	0.07	-0.02	0.02	0.03	-0.04
1320	1	1222	131.83	41.81	-41.22	0.08	0.51	-41.51	2.35	-2.81	-0.14	-0.32	2.58
		1223	126.91	45.49	-36.40	9.53	-0.44	-40.64	2.15	-2.59	-0.09	-0.35	2.36
		1494	98.01	1.04	-68.07	-67.31	0.28	-7.18	2.23	-2.50	-0.27	-5.89e-03	2.36
		1495	66.36	27.63	-2.01	25.86	-0.24	-7.02	2.47	-2.66	-0.20	8.31e-03	2.56
1320	2	1222	47.79	21.33	-21.14	1.51	-1.32	-21.19	0.02	-0.22	-0.14	-0.06	-0.11
		1223	54.38	27.29	-20.34	8.42	-1.47	-23.30	0.20	-0.12	0.08	-1.33e-03	-0.16
		1494	127.28	0.48	-100.54	-100.34	0.28	-4.49	0.08	-0.25	-0.13	-0.04	-0.16
		1495	61.75	0.41	-48.91	-48.64	0.14	-3.60	0.14	-0.11	4.16e-03	0.02	-0.13
1320	3	1222	42.38	13.95	-13.85	0.04	0.06	-13.90	0.68	-0.83	-0.05	-0.10	0.76
		1223	41.29	15.48	-12.38	3.33	-0.23	-13.82	0.63	-0.75	-0.02	-0.10	0.69
		1494	37.52	0.33	-27.79	-27.58	0.12	-2.44	0.64	-0.74	-0.09	-5.32e-03	0.69
		1495	18.15	5.03	-1.15	3.93	-0.05	-2.37	0.72	-0.78	-0.06	4.65e-03	0.75
1320	4	1222	17.77	7.88	-7.90	0.46	-0.48	-7.88	7.52e-03	-0.08	-0.05	-0.02	-0.04
		1223	20.23	10.09	-7.62	3.00	-0.54	-8.68	0.08	-0.04	0.03	3.80e-05	-0.06
		1494	47.42	0.19	-37.44	-37.36	0.12	-1.65	0.03	-0.10	-0.05	-0.01	-0.06
		1495	23.05	0.17	-18.25	-18.15	0.07	-1.36	0.05	-0.04	2.06e-03	8.76e-03	-0.05
1321	1	1221	135.33	37.05	-46.87	-10.25	0.43	-41.62	2.59	-2.90	-0.09	-0.22	2.74
		1222	130.61	40.49	-41.50	-0.86	-0.15	-40.99	2.39	-2.77	-0.09	-0.30	2.58
		1495	67.22	28.84	-1.50	27.09	0.25	-7.08	2.46	-2.67	-0.22	-9.14e-04	2.56
		1496	163.69	121.09	-0.63	120.67	-0.21	-7.14	2.65	-2.81	-0.15	-2.62e-03	2.73
1321	2	1221	40.57	14.82	-20.88	-4.73	-1.33	-17.77	0.04	-0.17	-0.09	-0.04	-0.10
		1222	45.51	19.76	-20.24	1.01	-1.49	-19.96	0.15	-0.13	0.03	-6.05e-03	-0.13
		1495	61.74	0.62	-48.29	-47.99	0.31	-3.84	0.08	-0.17	-0.08	-0.01	-0.12
		1496	9.99	1.65	-5.74	-4.23	0.14	-2.99	0.11	-0.12	-0.02	9.09e-03	-0.11
1321	3	1221	42.90	12.07	-15.50	-3.46	0.04	-13.67	0.75	-0.86	-0.04	-0.07	0.80
		1222	41.82	13.46	-13.88	-0.28	-0.14	-13.67	0.70	-0.81	-0.02	-0.09	0.75
		1495	18.31	5.40	-0.95	4.34	0.11	-2.36	0.71	-0.79	-0.07	-1.52e-03	0.75
		1496	48.20	35.53	-0.19	35.37	-0.04	-2.36	0.78	-0.82	-0.05	1.15e-04	0.80
1321	4	1221	15.10	5.49	-7.80	-1.83	-0.48	-6.61	0.01	-0.06	-0.03	-0.02	-0.04



		1222	16.95	7.32	-7.58	0.28	-0.54	-7.44	0.06	-0.05	0.01	-1.81e-03	-0.05
		1495	23.04	0.24	-18.01	-17.90	0.13	-1.41	0.03	-0.07	-0.03	-5.01e-03	-0.05
		1496	3.80	0.63	-2.20	-1.64	0.06	-1.13	0.04	-0.04	-7.16e-03	3.58e-03	-0.04
1322	1	1220	139.76	32.94	-53.52	-20.93	0.35	-41.90	2.73	-2.99	-0.07	-0.19	2.86
		1221	134.75	36.14	-47.33	-11.20	0.01	-41.36	2.59	-2.88	-0.07	-0.22	2.74
		1496	164.87	122.32	-0.20	121.91	0.21	-7.11	2.65	-2.80	-0.16	2.68e-03	2.72
		1497	279.07	216.64	-0.40	216.40	-0.16	-7.26	2.79	-2.97	-0.16	-0.02	2.88
1322	2	1220	34.59	9.39	-20.53	-9.78	-1.36	-14.35	0.04	-0.14	-0.06	-0.04	-0.09
		1221	38.19	13.37	-19.99	-5.15	-1.47	-16.58	0.11	-0.12	-9.79e-04	-0.02	-0.11
		1496	10.19	2.09	-5.47	-3.68	0.30	-3.21	0.08	-0.14	-0.06	-5.61e-03	-0.11
		1497	40.55	32.31	-0.02	32.14	0.15	-2.37	0.08	-0.11	-0.03	4.43e-03	-0.09
1322	3	1220	43.77	10.46	-17.43	-6.98	0.01	-13.50	0.80	-0.88	-0.03	-0.06	0.84
		1221	42.56	11.71	-15.58	-3.78	-0.10	-13.52	0.76	-0.84	-0.02	-0.06	0.80
		1496	48.60	35.93	-0.05	35.78	0.10	-2.33	0.77	-0.82	-0.05	2.45e-04	0.80
		1497	85.64	66.56	-0.11	66.47	-0.02	-2.35	0.82	-0.87	-0.05	-6.36e-03	0.85
1322	4	1220	12.89	3.48	-7.65	-3.68	-0.49	-5.34	0.01	-0.05	-0.02	-0.02	-0.03
		1221	14.25	4.96	-7.48	-1.98	-0.54	-6.18	0.04	-0.05	-2.73e-04	-6.24e-03	-0.04
		1496	3.80	0.75	-2.06	-1.44	0.12	-1.17	0.03	-0.05	-0.02	-2.21e-03	-0.04
		1497	14.99	11.95	1.23e-03	11.88	0.07	-0.90	0.03	-0.04	-0.01	1.75e-03	-0.03
1323	1	1219	146.42	29.12	-61.29	-32.29	0.12	-42.20	2.76	-3.29	-0.11	-0.41	3.02
		1220	139.26	32.24	-53.99	-21.90	0.15	-41.68	2.71	-2.99	-0.07	-0.20	2.85
		1497	280.35	217.91	-0.09	217.67	0.15	-7.24	2.79	-2.92	-0.14	0.01	2.86
		1498	400.21	313.42	-0.25	313.25	-0.08	-7.35	2.93	-3.36	-0.35	-0.07	3.14
1323	2	1219	29.80	5.01	-20.06	-13.68	-1.38	-10.93	0.03	-0.11	-0.05	-0.04	-0.07
		1220	32.31	8.08	-19.65	-10.11	-1.46	-13.17	0.07	-0.11	-0.01	-0.03	-0.09
		1497	41.23	32.78	0.08	32.58	0.28	-2.59	0.06	-0.12	-0.05	-2.80e-03	-0.09
		1498	75.85	60.50	0.12	60.45	0.17	-1.75	0.06	-0.09	-0.04	2.30e-03	-0.07
1323	3	1219	45.36	9.00	-19.68	-10.62	-0.06	-13.33	0.81	-0.97	-0.04	-0.13	0.89
		1220	43.47	10.16	-17.51	-7.30	-0.05	-13.36	0.79	-0.88	-0.02	-0.06	0.84
		1497	86.06	66.96	-9.00e-04	66.88	0.08	-2.32	0.82	-0.86	-0.05	3.59e-03	0.84
		1498	124.17	97.36	-0.05	97.30	3.07e-03	-2.33	0.86	-0.99	-0.11	-0.02	0.93
1323	4	1219	11.10	1.86	-7.47	-5.11	-0.50	-4.06	9.25e-03	-0.04	-0.02	-0.01	-0.03
		1220	12.07	3.01	-7.34	-3.80	-0.53	-4.91	0.03	-0.04	-5.74e-03	-9.62e-03	-0.04
		1497	15.23	12.11	0.04	12.04	0.12	-0.94	0.02	-0.05	-0.02	-1.10e-03	-0.03
		1498	28.11	22.42	0.06	22.40	0.08	-0.67	0.02	-0.03	-0.01	9.07e-04	-0.03
1324	1	1218	160.62	25.45	-70.67	-44.80	-0.42	-42.63	2.81	-4.28	-0.32	-1.15	3.52
		1219	145.30	28.60	-61.29	-33.21	0.53	-41.66	2.60	-3.40	-0.21	-0.59	2.99
		1498	402.25	314.63	-0.10	314.45	0.08	-7.47	2.97	-3.30	-0.37	0.04	3.13
		1499	526.56	411.40	-0.12	411.27	0.02	-7.42	3.29	-4.12	-0.77	-0.06	3.69
1324	2	1218	26.18	1.70	-19.54	-16.45	-1.39	-7.49	8.41e-03	-0.08	-0.04	-0.04	-0.05
		1219	27.81	3.88	-19.26	-13.93	-1.45	-9.75	0.05	-0.10	-0.02	-0.03	-0.07
		1498	76.31	60.84	0.20	60.78	0.27	-1.97	0.05	-0.10	-0.05	-1.43e-03	-0.07
		1499	101.14	80.71	0.17	80.70	0.19	-1.13	0.03	-0.07	-0.04	1.19e-03	-0.05
1324	3	1218	49.21	7.64	-22.38	-14.53	-0.22	-13.19	0.83	-1.27	-0.10	-0.34	1.04
		1219	44.89	8.77	-19.62	-10.92	0.06	-13.09	0.76	-1.00	-0.07	-0.18	0.88
		1498	124.80	97.74	1.61e-04	97.68	0.06	-2.34	0.87	-0.97	-0.11	0.01	0.92
		1499	163.50	127.91	-9.15e-03	127.87	0.03	-2.30	0.97	-1.22	-0.23	-0.02	1.09
1324	4	1218	9.75	0.64	-7.27	-6.13	-0.51	-2.78	2.71e-03	-0.03	-0.01	-0.01	-0.02
		1219	10.39	1.46	-7.19	-5.20	-0.53	-3.64	0.02	-0.04	-8.52e-03	-0.01	-0.03
		1498	28.27	22.54	0.09	22.52	0.11	-0.71	0.02	-0.04	-0.02	-5.64e-04	-0.03
		1499	37.50	29.93	0.08	29.92	0.08	-0.44	0.01	-0.03	-0.02	4.70e-04	-0.02
1325	1	1217	184.29	20.12	-82.89	-61.45	-1.31	-41.82	4.15	-5.39	-0.43	-0.81	4.76
		1218	158.84	25.29	-69.19	-45.10	1.21	-41.18	2.23	-4.90	-0.70	-1.97	3.51
		1499	531.78	412.30	0.24	412.16	0.39	-7.73	3.47	-4.53	-1.11	0.05	3.96
		1500	644.83	511.49	-0.30	511.35	-0.16	-8.50	4.00	-3.00	0.25	0.74	3.49
1325	2	1217	23.79	-0.48	-19.05	-18.12	-1.41	-4.04	-0.01	-0.06	-0.03	-0.04	-0.02
		1218	24.70	0.84	-18.90	-16.62	-1.44	-6.31	0.02	-0.08	-0.03	-0.04	-0.05
		1499	101.42	80.94	0.23	80.91	0.25	-1.35	0.03	-0.07	-0.04	-6.81e-04	-0.05
		1500	116.35	92.87	0.20	92.87	0.20	-0.51	0.01	-0.05	-0.04	5.62e-04	-0.02
1325	3	1217	55.85	5.85	-25.91	-19.58	-0.48	-12.69	1.22	-1.60	-0.13	-0.24	1.41
		1218	48.54	7.53	-21.89	-14.63	0.26	-12.69	0.65	-1.45	-0.21	-0.59	1.04
		1499	165.05	128.19	0.10	128.15	0.15	-2.37	1.02	-1.34	-0.33	0.01	1.17
		1500	199.70	158.48	-0.06	158.44	-0.02	-2.58	1.18	-0.89	0.07	0.22	1.03
1325	4	1217	8.85	-0.17	-7.08	-6.74	-0.51	-1.50	-5.03e-03	-0.02	-0.01	-0.01	-8.80e-03
		1218	9.21	0.33	-7.04	-6.19	-0.52	-2.36	6.71e-03	-0.03	-1.00e-02	-0.01	-0.02
		1499	37.61	30.01	0.10	30.00	0.11	-0.48	0.01	-0.03	-0.02	-2.68e-04	-0.02
		1500	43.16	34.45	0.09	34.45	0.09	-0.21	4.36e-03	-0.02	-0.02	2.22e-04	-9.14e-03
1326	1	1216	134.11	-8.49	-88.81	-83.49	-13.82	-19.98	6.50	0.02	1.44	5.08	2.68
		1217	185.80	16.38	-85.47	-64.29	-4.79	-41.33	6.03	-3.77	0.65	1.62	4.87
		1500	655.76	517.89	1.41	517.73	1.57	-9.22	3.70	-3.81	0.56	-0.67	3.71
		1501	778.06	596.48	0.94	596.44	0.98	-4.87	4.59	-0.03	3.86	0.70	1.69
1326	2	1216	22.70	-1.40	-18.73	-18.71	-1.42	-0.59	-0.03	-0.04	-0.03	-0.04	5.66e-04
		1217	22.99	-0.96	-18.68	-18.21	-1.43	-2.86	-7.36e-03	-0.06	-0.03	-0.04	-0.02
		1500	116.48	92.98	0.23	92.98	0.24	-0.73	0.01	-0.05	-0.04	-2.18e-04	-0.02
		1501	121.46	96.96	0.22	96.96	0.22	0.11	1.50e-04	-0.04	-0.04	1.48e-04	-3.23e-04
1326	3	1216	40.92	-2.68	-27.66	-26.15	-4.19	-5.96	1.92	2.90e-03	0.42	1.50	0.79
		1217	56.16	4.68	-26.62	-20.43	-1.52	-12.47	1.78	-1.12	0.19	0.48	1.44



		1500	202.89	160.39	0.45	160.34	0.50	-2.77	1.09	-1.13	0.16	-0.20	1.10
		1501	239.53	183.97	0.31	183.96	0.32	-1.46	1.36	-0.01	1.14	0.21	0.50
1326	4	1216	8.45	-0.51	-6.96	-6.95	-0.52	-0.21	-0.01	-0.01	-0.01	-0.01	2.23e-04
		1217	8.57	-0.34	-6.95	-6.77	-0.52	-1.07	-3.12e-03	-0.02	-0.01	-0.01	-9.34e-03
		1500	43.21	34.49	0.10	34.49	0.10	-0.25	3.72e-03	-0.02	-0.02	-8.56e-05	-8.84e-03
		1501	45.06	35.97	0.09	35.97	0.09	0.02	5.97e-05	-0.02	-0.02	5.87e-05	-1.27e-04
1327	1	1215	158.42	-11.02	-93.45	-85.96	-18.51	23.69	9.65	1.32	2.80	8.17	-3.18
		1216	149.46	-13.57	-91.35	-86.44	-18.48	-18.92	9.44	1.54	2.80	8.17	2.90
		1501	797.00	602.49	2.32	602.45	2.36	-4.81	4.68	-0.94	4.47	-0.73	1.05
		1502	790.30	597.16	2.33	597.10	2.38	5.61	4.79	-1.05	4.47	-0.73	-1.33
1327	2	1215	22.99	-0.96	-18.68	-18.21	-1.43	2.86	-7.36e-03	-0.06	-0.03	-0.04	0.02
		1216	22.70	-1.40	-18.73	-18.71	-1.42	0.59	-0.03	-0.04	-0.03	-0.04	-5.66e-04
		1501	121.46	96.96	0.22	96.96	0.22	-0.11	1.50e-04	-0.04	-0.04	1.48e-04	3.22e-04
		1502	116.48	92.98	0.23	92.98	0.24	0.73	0.01	-0.05	-0.04	-2.18e-04	0.02
1327	3	1215	48.16	-3.35	-29.08	-26.85	-5.58	7.24	2.85	0.39	0.83	2.42	-0.94
		1216	45.26	-4.21	-28.38	-27.02	-5.57	-5.57	2.79	0.45	0.83	2.42	0.86
		1501	245.14	185.76	0.72	185.74	0.73	-1.41	1.38	-0.28	1.32	-0.22	0.31
		1502	242.78	183.87	0.72	183.86	0.74	1.70	1.42	-0.31	1.32	-0.22	-0.39
1327	4	1215	8.57	-0.34	-6.95	-6.77	-0.52	1.07	-3.12e-03	-0.02	-0.01	-0.01	9.34e-03
		1216	8.45	-0.51	-6.96	-6.95	-0.52	0.21	-0.01	-0.01	-0.01	-0.01	-2.23e-04
		1501	45.06	35.97	0.09	35.97	0.09	-0.02	5.97e-05	-0.02	-0.02	5.87e-05	1.27e-04
		1502	43.21	34.49	0.10	34.49	0.10	0.25	3.72e-03	-0.02	-0.02	-8.56e-05	8.84e-03
1328	1	1214	198.76	20.68	-88.27	-62.75	-4.84	46.14	6.30	-4.05	0.64	1.60	-5.15
		1215	143.81	-5.86	-90.86	-82.91	-13.81	24.75	6.74	-0.22	1.44	5.08	-2.97
		1502	771.26	591.01	0.90	590.96	0.96	5.67	4.80	-0.25	3.86	0.70	-1.97
		1503	635.56	501.69	1.40	501.49	1.60	10.04	3.97	-4.09	0.55	-0.67	-3.98
1328	2	1214	24.70	0.84	-18.90	-16.62	-1.44	6.31	0.02	-0.08	-0.03	-0.04	0.05
		1215	23.79	-0.48	-19.05	-18.12	-1.41	4.04	-0.01	-0.06	-0.03	-0.04	0.02
		1502	116.35	92.87	0.20	92.87	0.20	0.51	0.01	-0.05	-0.04	5.62e-04	0.02
		1503	101.42	80.94	0.23	80.91	0.25	1.35	0.03	-0.07	-0.04	-6.81e-04	0.05
1328	3	1214	60.38	6.17	-27.56	-19.86	-1.53	14.16	1.86	-1.20	0.19	0.47	-1.52
		1215	44.05	-1.77	-28.35	-25.93	-4.19	7.63	1.99	-0.07	0.42	1.50	-0.88
		1502	237.13	182.05	0.30	182.03	0.31	1.74	1.42	-0.07	1.14	0.21	-0.58
		1503	195.76	154.68	0.45	154.62	0.51	3.05	1.17	-1.21	0.16	-0.20	-1.18
1328	4	1214	9.21	0.33	-7.04	-6.19	-0.52	2.36	6.71e-03	-0.03	-1.00e-02	-0.01	0.02
		1215	8.85	-0.17	-7.08	-6.74	-0.51	1.50	-5.03e-03	-0.02	-0.01	-0.01	8.80e-03
		1502	43.16	34.45	0.09	34.45	0.09	0.21	4.36e-03	-0.02	-0.02	2.22e-04	9.14e-03
		1503	37.61	30.01	0.10	30.00	0.11	0.48	0.01	-0.03	-0.02	-2.68e-04	0.02
1329	1	1213	171.60	30.32	-71.62	-42.43	1.14	46.08	2.48	-5.18	-0.71	-2.00	-3.78
		1214	197.27	24.48	-85.61	-59.80	-1.32	46.64	4.42	-5.68	-0.43	-0.83	-5.05
		1503	625.40	495.15	-0.35	494.98	-0.18	9.32	4.27	-3.29	0.24	0.74	-3.77
		1504	499.23	385.02	0.23	384.83	0.42	8.57	3.73	-4.80	-1.13	0.05	-4.22
1329	2	1213	27.81	3.88	-19.26	-13.93	-1.45	9.75	0.05	-0.10	-0.02	-0.03	0.07
		1214	26.18	1.70	-19.54	-16.45	-1.39	7.49	8.41e-03	-0.08	-0.04	-0.04	0.05
		1503	101.14	80.71	0.17	80.70	0.19	1.13	0.03	-0.07	-0.04	1.19e-03	0.05
		1504	76.31	60.84	0.20	60.78	0.27	1.97	0.05	-0.10	-0.05	-1.43e-03	0.07
1329	3	1213	52.69	9.28	-22.69	-13.65	0.24	14.40	0.73	-1.53	-0.21	-0.59	-1.11
		1214	60.08	7.37	-26.82	-18.97	-0.49	14.38	1.30	-1.68	-0.13	-0.25	-1.49
		1503	192.80	152.73	-0.08	152.67	-0.03	2.87	1.26	-0.97	0.07	0.22	-1.11
		1504	153.53	118.60	0.10	118.54	0.16	2.66	1.10	-1.42	-0.34	0.01	-1.25
1329	4	1213	10.39	1.46	-7.19	-5.20	-0.53	3.64	0.02	-0.04	-8.52e-03	-0.01	0.03
		1214	9.75	0.64	-7.27	-6.13	-0.51	2.78	2.71e-03	-0.03	-0.01	-0.01	0.02
		1503	37.50	29.93	0.08	29.92	0.08	0.44	0.01	-0.03	-0.02	4.70e-04	0.02
		1504	28.27	22.54	0.09	22.52	0.11	0.71	0.02	-0.04	-0.02	-5.64e-04	0.03
1330	1	1212	158.42	34.55	-63.46	-29.32	0.42	46.69	2.82	-3.67	-0.22	-0.63	-3.24
		1213	173.57	30.66	-73.13	-42.02	-0.44	47.55	3.06	-4.57	-0.33	-1.18	-3.79
		1504	493.76	383.99	-0.18	383.81	-1.04e-03	8.25	3.55	-4.40	-0.79	-0.06	-3.95
		1505	356.01	275.99	-0.14	275.73	0.12	8.34	3.21	-3.56	-0.39	0.04	-3.38
1330	2	1212	32.31	8.08	-19.65	-10.11	-1.46	13.17	0.07	-0.11	-0.01	-0.03	0.09
		1213	29.80	5.01	-20.06	-13.68	-1.38	10.93	0.03	-0.11	-0.05	-0.04	0.07
		1504	75.85	60.50	0.12	60.45	0.17	1.75	0.06	-0.09	-0.04	2.30e-03	0.07
		1505	41.23	32.78	0.08	32.58	0.28	2.59	0.06	-0.12	-0.05	-2.80e-03	0.09
1330	3	1212	49.16	10.85	-20.32	-9.50	0.03	14.84	0.83	-1.08	-0.07	-0.19	-0.95
		1213	53.42	9.46	-23.19	-13.51	-0.22	14.91	0.90	-1.35	-0.10	-0.35	-1.12
		1504	151.89	118.27	-0.03	118.21	0.03	2.60	1.04	-1.30	-0.24	-0.02	-1.17
		1505	108.48	84.17	-0.02	84.09	0.07	2.65	0.94	-1.05	-0.12	0.01	-0.99
1330	4	1212	12.07	3.01	-7.34	-3.80	-0.53	4.91	0.03	-0.04	-5.74e-03	-9.62e-03	0.04
		1213	11.10	1.86	-7.47	-5.11	-0.50	4.06	9.25e-03	-0.04	-0.02	-0.01	0.03
		1504	28.11	22.42	0.06	22.40	0.08	0.67	0.02	-0.03	-0.01	9.07e-04	0.03
		1505	15.23	12.11	0.04	12.04	0.12	0.94	0.02	-0.05	-0.02	-1.10e-03	0.03
1331	1	1211	152.79	39.29	-55.94	-16.65	3.27e-03	46.88	2.90	-3.24	-0.09	-0.26	-3.07
		1212	159.70	35.26	-63.46	-28.29	0.09	47.27	2.98	-3.57	-0.13	-0.45	-3.27
		1505	353.81	274.63	-0.35	274.39	-0.10	8.21	3.17	-3.62	-0.38	-0.07	-3.39
		1506	221.12	167.51	-0.20	167.11	0.20	8.17	2.99	-3.16	-0.18	0.01	-3.08
1331	2	1211	38.19	13.37	-19.99	-5.15	-1.47	16.58	0.11	-0.12	-9.79e-04	-0.02	0.11
		1212	34.59	9.39	-20.53	-9.78	-1.36	14.35	0.04	-0.14	-0.06	-0.04	0.09
		1505	40.55	32.31	-0.02	32.14	0.15	2.37	0.08	-0.11	-0.03	4.43e-03	0.09



		1506	10.19	2.09	-5.47	-3.68	0.30	3.21	0.08	-0.14	-0.06	-5.61e-03	0.11
1331	3	1211	47.91	12.64	-18.13	-5.39	-0.10	15.16	0.85	-0.95	-0.03	-0.08	-0.90
		1212	49.70	11.15	-20.37	-9.16	-0.06	15.09	0.87	-1.05	-0.04	-0.14	-0.96
		1505	107.79	83.74	-0.09	83.65	-6.08e-03	2.63	0.93	-1.07	-0.11	-0.02	-1.00
		1506	65.24	49.31	-0.05	49.17	0.10	2.64	0.88	-0.93	-0.06	3.11e-03	-0.90
1331	4	1211	14.25	4.96	-7.48	-1.98	-0.54	6.18	0.04	-0.05	-2.73e-04	-6.24e-03	0.04
		1212	12.89	3.48	-7.65	-3.68	-0.49	5.34	0.01	-0.05	-0.02	-0.02	0.03
		1505	14.99	11.95	1.23e-03	11.88	0.07	0.90	0.03	-0.04	-0.01	1.75e-03	0.03
		1506	3.80	0.75	-2.06	-1.44	0.12	1.17	0.03	-0.05	-0.02	-2.21e-03	0.04
1332	1	1210	148.68	44.47	-49.08	-4.40	-0.21	46.73	2.74	-3.10	-0.08	-0.28	-2.92
		1211	153.59	40.26	-55.48	-15.56	0.35	47.20	2.91	-3.26	-0.09	-0.25	-3.08
		1506	219.70	166.08	-0.60	165.68	-0.20	8.15	2.99	-3.20	-0.19	-0.02	-3.09
		1507	99.40	60.04	-0.82	58.94	0.28	8.12	2.80	-3.01	-0.20	1.35e-03	-2.90
1332	2	1210	45.51	19.76	-20.24	1.01	-1.49	19.96	0.15	-0.13	0.03	-6.05e-03	0.13
		1211	40.57	14.82	-20.88	-4.73	-1.33	17.77	0.04	-0.17	-0.09	-0.04	0.10
		1506	9.99	1.65	-5.74	-4.23	0.14	2.99	0.11	-0.12	-0.02	9.09e-03	0.11
		1507	61.74	0.62	-48.29	-47.99	0.31	3.84	0.08	-0.17	-0.08	-0.01	0.12
1332	3	1210	47.17	14.63	-16.12	-1.32	-0.16	15.37	0.80	-0.91	-0.02	-0.08	-0.85
		1211	48.32	13.02	-18.05	-5.04	0.01	15.33	0.85	-0.96	-0.04	-0.08	-0.91
		1506	64.76	48.85	-0.18	48.70	-0.04	2.66	0.88	-0.94	-0.06	-5.44e-03	-0.91
		1507	26.47	14.28	-0.38	13.78	0.12	2.67	0.82	-0.89	-0.07	-8.45e-04	-0.85
1332	4	1210	16.95	7.32	-7.58	0.28	-0.54	7.44	0.06	-0.05	0.01	-1.81e-03	0.05
		1211	15.10	5.49	-7.80	-1.83	-0.48	6.61	0.01	-0.06	-0.03	-0.02	0.04
		1506	3.80	0.63	-2.20	-1.64	0.06	1.13	0.04	-0.04	-7.16e-03	3.58e-03	0.04
		1507	23.04	0.24	-18.01	-17.90	0.13	1.41	0.03	-0.07	-0.03	-5.01e-03	0.05
1333	1	1209	144.93	50.26	-42.99	7.78	-0.51	46.44	2.50	-2.94	-0.09	-0.35	-2.71
		1210	149.98	45.91	-48.72	-3.32	0.51	47.28	2.71	-3.15	-0.13	-0.30	-2.93
		1507	98.15	58.61	-1.36	57.51	-0.26	8.05	2.81	-3.00	-0.19	3.90e-03	-2.91
		1508	85.45	1.66	-50.34	-49.00	0.33	8.22	2.58	-2.85	-0.27	-4.96e-03	-2.71
1333	2	1209	54.38	27.29	-20.34	8.42	-1.47	23.30	0.20	-0.12	0.08	-1.33e-03	0.16
		1210	47.79	21.33	-21.14	1.51	-1.32	21.19	0.02	-0.22	-0.14	-0.06	0.11
		1507	61.75	0.41	-48.91	-48.64	0.14	3.60	0.14	-0.11	4.16e-03	0.02	0.13
		1508	127.28	0.48	-100.54	-100.34	0.28	4.49	0.08	-0.25	-0.13	-0.04	0.16
1333	3	1209	46.62	16.89	-14.33	2.81	-0.25	15.54	0.73	-0.85	-0.02	-0.10	-0.79
		1210	47.76	15.16	-16.07	-0.97	0.06	15.61	0.79	-0.93	-0.05	-0.09	-0.86
		1507	26.10	13.82	-0.57	13.31	-0.05	2.67	0.83	-0.88	-0.06	3.34e-03	-0.85
		1508	32.85	0.46	-22.49	-22.15	0.13	2.75	0.74	-0.84	-0.09	-5.04e-03	-0.79
1333	4	1209	20.23	10.09	-7.62	3.00	-0.54	8.68	0.08	-0.04	0.03	3.80e-05	0.06
		1210	17.77	7.88	-7.90	0.46	-0.48	7.88	7.52e-03	-0.08	-0.05	-0.02	0.04
		1507	23.05	0.17	-18.25	-18.15	0.07	1.36	0.05	-0.04	2.06e-03	8.76e-03	0.05
		1508	47.42	0.19	-37.44	-37.36	0.12	1.65	0.03	-0.10	-0.05	-0.01	0.06
1334	1	1208	141.42	57.03	-36.90	20.70	-0.57	45.75	2.32	-2.62	-0.03	-0.27	-2.47
		1209	148.06	52.65	-43.29	8.81	0.55	47.80	2.41	-3.03	-0.21	-0.41	-2.72
		1508	86.26	1.12	-51.70	-50.49	-0.10	7.91	2.62	-2.80	-0.21	0.04	-2.71
		1509	203.08	0.39	-157.93	-157.46	-0.08	8.61	2.36	-2.68	-0.29	-0.03	-2.51
1334	2	1208	65.09	36.16	-19.90	17.40	-1.15	26.45	0.31	-0.15	0.23	-0.07	0.17
		1209	56.57	28.91	-21.50	8.92	-1.52	24.66	-0.03	-0.35	-0.27	-0.11	0.14
		1508	126.95	0.54	-101.25	-101.08	0.37	4.20	0.18	-0.06	0.05	0.07	0.12
		1509	204.06	9.80e-03	-161.06	-160.89	-0.16	5.26	0.10	-0.54	-0.32	-0.13	0.30
1334	3	1208	46.20	19.54	-12.50	7.29	-0.24	15.57	0.68	-0.76	0.01	-0.09	-0.72
		1209	47.80	17.71	-14.49	3.16	0.06	16.03	0.69	-0.91	-0.09	-0.13	-0.80
		1508	33.41	0.32	-22.96	-22.65	0.01	2.68	0.77	-0.82	-0.06	0.02	-0.79
		1509	74.76	0.12	-59.00	-58.86	-0.02	2.93	0.65	-0.79	-0.12	-0.02	-0.72
1334	4	1208	24.19	13.36	-7.46	6.31	-0.41	9.85	0.12	-0.06	0.09	-0.03	0.07
		1209	21.00	10.68	-8.04	3.19	-0.55	9.17	-0.01	-0.13	-0.11	-0.04	0.05
		1508	47.29	0.22	-37.70	-37.64	0.15	1.58	0.07	-0.02	0.02	0.03	0.04
		1509	75.99	0.02	-59.94	-59.88	-0.05	1.93	0.04	-0.21	-0.12	-0.05	0.12
1335	1	1207	133.67	67.05	-23.28	39.58	4.20	41.56	2.45	-1.92	0.23	0.30	-2.19
		1208	150.71	60.26	-41.86	20.59	-2.18	49.78	2.11	-2.85	-0.31	-0.43	-2.48
		1509	207.09	2.47	-159.14	-158.78	2.12	7.53	2.62	-2.53	-0.04	0.13	-2.57
		1510	338.72	-4.25	-269.81	-269.33	-4.73	11.28	1.97	-2.74	-0.59	-0.18	-2.35
1335	2	1207	77.68	47.31	-15.40	30.77	1.14	27.63	0.65	-0.54	0.63	-0.51	0.16
		1208	69.26	37.49	-23.51	17.03	-3.05	28.80	-0.22	-0.83	-0.69	-0.35	0.25
		1509	203.65	2.59	-161.48	-161.36	2.47	4.36	0.24	0.07	0.10	0.21	0.06
		1510	292.85	-3.99	-231.25	-231.00	-4.24	7.63	0.38	-1.36	-0.69	-0.29	0.85
1335	3	1207	44.32	23.32	-8.12	13.86	1.34	14.42	0.72	-0.55	0.13	0.04	-0.64
		1208	49.33	20.58	-14.22	7.22	-0.86	16.92	0.55	-0.87	-0.16	-0.16	-0.71
		1509	76.45	0.93	-59.40	-59.29	0.82	2.58	0.79	-0.73	-2.54e-03	0.06	-0.76
		1510	122.47	-1.54	-97.45	-97.30	-1.70	3.90	0.46	-0.78	-0.24	-0.08	-0.62
1335	4	1207	28.88	17.47	-5.79	11.25	0.43	10.29	0.26	-0.21	0.25	-0.20	0.06
		1208	25.71	13.84	-8.79	6.17	-1.12	10.71	-0.09	-0.32	-0.27	-0.14	0.10
		1509	75.78	0.97	-60.09	-60.05	0.93	1.64	0.09	0.03	0.04	0.08	0.02
		1510	109.09	-1.47	-86.03	-85.94	-1.56	2.82	0.15	-0.53	-0.27	-0.11	0.33
1336	1	98	141.10	114.10	13.70	113.38	14.42	-8.48	0.59	-0.73	0.33	-0.47	-0.53
		1207	195.71	71.96	-68.30	19.03	-15.36	67.99	3.16	-2.25	-0.06	0.98	-2.65
		1510	361.48	28.95	-261.89	-261.73	28.80	-6.74	4.00	-2.52	1.42	0.05	-3.18
		337	554.80	-54.07	-416.61	-407.83	-62.85	55.71	-1.38	-7.58	-7.58	-1.39	0.18



1336	2	98	101.25	64.33	0.99	60.89	4.43	14.35	0.75	-2.80	0.73	-2.78	0.27
		1207	99.02	50.74	-32.44	23.42	-5.13	39.07	-1.08	-2.46	-2.01	-1.54	0.65
		1510	310.57	23.81	-228.86	-228.86	23.80	-1.03	-0.13	-1.91	-1.30	-0.73	0.84
		337	394.58	-42.12	-315.45	-313.96	-43.60	20.09	4.05	3.24	3.77	3.52	-0.39
1336	3	98	48.48	38.02	4.43	37.96	4.49	-1.41	0.20	-0.44	0.17	-0.41	-0.13
		1207	63.89	25.04	-22.71	7.20	-4.87	23.10	0.71	-0.78	-0.21	0.14	-0.73
		1510	129.00	10.37	-94.91	-94.87	10.33	-2.07	1.01	-0.76	0.30	-0.06	-0.87
		337	190.20	-19.29	-147.21	-144.61	-21.88	18.03	-0.07	-1.89	-1.89	-0.07	0.02
1336	4	98	38.03	23.71	0.24	22.41	1.53	5.36	0.30	-1.10	0.29	-1.09	0.10
		1207	36.91	18.76	-12.09	8.50	-1.84	14.53	-0.43	-0.96	-0.79	-0.60	0.25
		1510	115.67	8.85	-85.13	-85.13	8.85	-0.38	-0.05	-0.74	-0.51	-0.29	0.33
		337	147.21	-15.63	-117.35	-116.80	-16.18	7.47	1.58	1.27	1.47	1.38	-0.15
1337	1	1187	162.33	68.49	-64.93	18.87	-15.31	-64.48	0.03	-2.24	-1.16	-1.05	-1.14
		197	145.45	114.49	11.25	112.66	13.08	13.63	0.44	-1.57	0.39	-1.52	-0.31
		263	563.32	-59.19	-454.26	-445.95	-67.51	-56.70	4.01	2.40	4.00	2.41	0.13
		1511	414.65	31.60	-309.11	-308.89	31.38	8.64	0.60	-2.10	-1.05	-0.44	-1.32
1337	2	1187	96.61	50.01	-32.69	22.01	-4.69	-39.14	-1.21	-2.44	-2.13	-1.52	-0.53
		197	101.77	62.68	0.19	59.54	3.33	-13.66	0.85	-2.96	0.84	-2.94	-0.24
		263	391.75	-42.51	-315.88	-314.30	-44.08	-20.72	3.90	3.15	3.45	3.60	0.36
		1511	310.72	23.99	-229.57	-229.56	23.98	1.46	-0.27	-1.72	-1.24	-0.76	-0.69
1337	3	1187	55.50	23.97	-21.74	7.05	-4.82	-22.07	-0.11	-0.89	-0.55	-0.45	-0.39
		197	50.05	37.93	3.74	37.66	4.01	2.99	0.21	-0.74	0.19	-0.73	-0.12
		263	196.84	-20.80	-158.43	-155.93	-23.30	-18.38	1.52	1.04	1.51	1.06	0.07
		1511	146.49	11.17	-108.95	-108.89	11.11	2.67	0.15	-0.78	-0.43	-0.20	-0.45
1337	4	1187	36.03	18.50	-12.19	7.98	-1.68	-14.56	-0.47	-0.95	-0.83	-0.59	-0.21
		197	38.22	23.11	-0.06	21.92	1.12	-5.10	0.33	-1.16	0.33	-1.15	-0.09
		263	146.13	-15.77	-117.51	-116.92	-16.36	-7.71	1.52	1.23	1.34	1.41	0.14
		1511	115.70	8.92	-85.39	-85.38	8.92	0.54	-0.11	-0.67	-0.48	-0.30	-0.27
1338	1	1186	116.72	57.69	-37.10	23.00	-2.41	-45.66	0.74	-1.07	-0.31	-0.02	-0.90
		1187	106.03	63.94	-18.86	40.43	4.64	-37.33	0.79	-0.76	0.33	-0.30	-0.70
		1511	397.10	-4.86	-317.62	-317.27	-5.21	-10.56	1.00	-1.36	-0.23	-0.14	-1.18
		1512	272.95	2.59	-216.78	-216.57	2.38	-6.70	0.89	-0.68	0.12	0.10	-0.79
1338	2	1186	67.02	36.95	-23.58	16.45	-3.08	-28.65	-0.31	-0.80	-0.75	-0.37	-0.15
		1187	75.35	46.37	-15.52	29.67	1.18	-27.48	0.71	-0.48	0.71	-0.48	-0.05
		1511	294.20	-4.00	-232.15	-231.90	-4.25	-7.57	0.26	-1.33	-0.75	-0.32	-0.76
		1512	205.60	2.58	-163.05	-162.94	2.47	-4.27	0.26	0.10	0.13	0.23	0.06
1338	3	1186	39.60	19.79	-12.82	7.90	-0.93	-15.70	0.18	-0.39	-0.16	-0.04	-0.28
		1187	37.06	22.33	-6.83	14.03	1.47	-13.15	0.28	-0.24	0.17	-0.13	-0.21
		1511	140.06	-1.72	-111.68	-111.56	-1.85	-3.68	0.32	-0.53	-0.14	-0.07	-0.42
		1512	96.42	0.97	-76.58	-76.51	0.90	-2.32	0.28	-0.18	0.05	0.05	-0.23
1338	4	1186	24.89	13.64	-8.82	5.95	-1.13	-10.65	-0.12	-0.31	-0.29	-0.14	-0.06
		1187	28.01	17.12	-5.84	10.84	0.45	-10.24	0.28	-0.19	0.28	-0.19	-0.02
		1511	109.57	-1.47	-86.36	-86.26	-1.56	-2.79	0.10	-0.52	-0.29	-0.13	-0.30
		1512	76.51	0.97	-60.66	-60.62	0.93	-1.61	0.10	0.04	0.05	0.09	0.02
1339	1	1185	112.24	52.09	-37.61	13.59	0.88	-44.40	0.96	-0.91	-0.08	0.13	-0.93
		1186	108.18	54.85	-31.85	23.31	-0.32	-41.71	0.96	-0.70	0.16	0.10	-0.83
		1512	271.47	0.07	-215.83	-215.55	-0.20	-7.76	0.86	-1.00	-0.06	-0.07	-0.93
		1513	149.37	0.34	-118.39	-117.96	-0.09	-7.15	1.00	-0.83	0.14	0.03	-0.91
1339	2	1185	54.61	28.78	-21.38	8.93	-1.52	-24.53	-0.10	-0.29	-0.29	-0.10	-0.03
		1186	62.99	35.68	-19.95	16.85	-1.12	-26.33	0.27	-0.06	0.26	-0.05	-0.07
		1512	205.99	-4.11e-03	-162.67	-162.50	-0.17	-5.17	-0.01	-0.46	-0.33	-0.14	-0.20
		1513	130.00	0.54	-103.51	-103.35	0.37	-4.12	0.09	0.06	0.07	0.08	-0.01
1339	3	1185	37.35	17.54	-12.81	4.58	0.16	-15.01	0.27	-0.29	-0.05	0.03	-0.28
		1186	36.79	18.86	-11.01	8.02	-0.17	-14.37	0.30	-0.20	0.07	0.03	-0.25
		1512	96.08	0.03	-76.27	-76.18	-0.06	-2.67	0.25	-0.34	-0.05	-0.03	-0.29
		1513	54.02	0.15	-42.93	-42.79	0.01	-2.45	0.30	-0.24	0.05	0.02	-0.27
1339	4	1185	20.28	10.63	-7.99	3.19	-0.55	-9.12	-0.04	-0.11	-0.11	-0.04	-0.01
		1186	23.41	13.18	-7.48	6.11	-0.40	-9.81	0.11	-0.02	0.10	-0.02	-0.02
		1512	76.69	9.96e-03	-60.52	-60.46	-0.05	-1.90	-4.82e-03	-0.18	-0.13	-0.05	-0.08
		1513	48.40	0.21	-38.53	-38.47	0.15	-1.55	0.03	0.02	0.03	0.03	-5.17e-03
1340	1	1184	115.15	48.36	-42.69	4.28	1.39	-45.50	1.08	-0.96	-0.01	0.13	-1.02
		1185	109.68	49.88	-37.27	12.69	-0.08	-43.10	1.06	-0.81	0.09	0.17	-0.93
		1513	148.93	0.68	-117.24	-116.77	0.22	-7.40	0.95	-0.93	0.04	-0.02	-0.94
		1514	38.75	2.42	-20.35	-17.56	-0.37	-7.46	1.08	-0.96	0.11	0.01	-1.02
1340	2	1184	46.03	21.49	-20.79	2.02	-1.32	-21.08	-0.04	-0.15	-0.15	-0.04	-0.02
		1185	52.54	27.19	-20.21	8.44	-1.46	-23.18	0.12	-0.01	0.10	0.01	-0.05
		1513	129.96	0.46	-102.82	-102.63	0.27	-4.41	-0.01	-0.16	-0.14	-0.04	-0.06
		1514	64.96	0.39	-51.76	-51.52	0.15	-3.54	0.05	-0.01	0.02	0.02	-0.03
1340	3	1184	37.58	15.91	-14.26	1.33	0.32	-15.08	0.31	-0.30	-0.02	0.04	-0.30
		1185	36.47	16.78	-12.63	4.27	-0.12	-14.54	0.33	-0.24	0.04	0.05	-0.28
		1513	53.94	0.24	-42.54	-42.39	0.10	-2.50	0.28	-0.29	3.25e-05	-9.49e-03	-0.28
		1514	15.16	0.56	-9.78	-9.14	-0.09	-2.50	0.32	-0.29	0.03	5.70e-03	-0.30
1340	4	1184	17.11	7.95	-7.77	0.66	-0.48	-7.84	-0.02	-0.06	-0.06	-0.02	-7.04e-03
		1185	19.54	10.06	-7.57	3.01	-0.53	-8.64	0.05	-3.86e-03	0.04	5.94e-03	-0.02
		1513	48.39	0.18	-38.27	-38.20	0.11	-1.61	-5.81e-03	-0.06	-0.05	-0.02	-0.02
		1514	24.22	0.16	-19.29	-19.20	0.07	-1.33	0.02	-4.09e-03	6.79e-03	9.49e-03	-0.01
1341	1	1183	123.01	47.15	-49.82	-4.67	2.00	-48.37	1.19	-1.03	0.01	0.14	-1.11



		1184	114.33	47.05	-43.14	3.31	0.60	-45.07	1.14	-0.92	0.06	0.15	-1.03
		1514	38.32	3.00	-19.33	-16.48	0.15	-7.44	1.05	-0.99	0.07	-6.26e-03	-1.02
		1515	116.14	88.19	-1.17	87.47	-0.45	-7.99	1.18	-1.06	0.11	0.01	-1.12
1341	2	1183	38.89	15.15	-20.28	-3.80	-1.33	-17.67	-0.02	-0.09	-0.09	-0.02	-0.02
		1184	43.80	19.94	-19.88	1.53	-1.47	-19.85	0.07	-0.02	0.04	0.01	-0.04
		1514	65.00	0.59	-51.15	-50.88	0.31	-3.77	-1.57e-03	-0.09	-0.07	-0.01	-0.03
		1515	11.87	1.12	-8.60	-7.62	0.14	-2.93	0.03	-0.03	-5.39e-03	9.86e-03	-0.03
1341	3	1183	39.38	15.10	-16.32	-1.73	0.50	-15.67	0.35	-0.31	-4.61e-03	0.04	-0.33
		1184	37.21	15.42	-14.34	1.00	0.08	-14.87	0.34	-0.27	0.02	0.05	-0.31
		1514	14.97	0.72	-9.41	-8.77	0.08	-2.47	0.31	-0.30	0.01	-3.16e-03	-0.30
		1515	33.82	25.56	-0.38	25.29	-0.11	-2.61	0.35	-0.32	0.03	3.97e-03	-0.33
1341	4	1183	14.47	5.62	-7.57	-1.47	-0.48	-6.57	-7.47e-03	-0.04	-0.03	-9.36e-03	-7.04e-03
		1184	16.32	7.39	-7.44	0.48	-0.54	-7.40	0.03	-7.08e-03	0.01	4.94e-03	-0.02
		1514	24.23	0.23	-19.06	-18.96	0.13	-1.38	-9.73e-04	-0.03	-0.03	-5.39e-03	-0.01
		1515	4.50	0.43	-3.25	-2.88	0.06	-1.11	0.01	-0.01	-2.08e-03	3.85e-03	-0.01
1342	1	1182	136.26	48.29	-59.22	-13.87	2.94	-53.10	1.36	-1.08	0.05	0.23	-1.22
		1183	123.12	46.33	-50.74	-5.69	1.28	-48.41	1.21	-1.01	0.05	0.15	-1.11
		1515	116.74	89.23	-0.61	88.55	0.07	-7.79	1.15	-1.07	0.08	-3.30e-03	-1.11
		1516	256.49	201.51	-0.98	201.13	-0.59	-8.85	1.38	-1.16	0.19	0.03	-1.27
1342	2	1182	32.88	9.78	-19.65	-8.52	-1.35	-14.27	-9.76e-03	-0.06	-0.06	-0.02	-0.02
		1183	36.52	13.71	-19.38	-4.21	-1.46	-16.49	0.04	-0.03	6.48e-03	4.06e-03	-0.03
		1515	11.93	1.46	-8.25	-7.08	0.30	-3.16	4.45e-03	-0.06	-0.05	-6.14e-03	-0.02
		1516	35.78	28.52	-0.04	28.33	0.15	-2.32	0.02	-0.03	-0.02	4.77e-03	-0.02
1342	3	1182	42.82	15.04	-19.04	-4.78	0.78	-16.81	0.40	-0.32	9.31e-03	0.07	-0.36
		1183	39.27	14.76	-16.54	-2.06	0.28	-15.60	0.36	-0.30	0.02	0.04	-0.33
		1515	33.99	25.90	-0.19	25.65	0.06	-2.52	0.34	-0.32	0.02	-1.56e-03	-0.33
		1516	78.61	61.81	-0.28	61.68	-0.15	-2.82	0.41	-0.35	0.05	8.38e-03	-0.38
1342	4	1182	12.24	3.63	-7.32	-3.20	-0.49	-5.31	-3.96e-03	-0.02	-0.02	-6.42e-03	-6.68e-03
		1183	13.62	5.09	-7.25	-1.62	-0.53	-6.14	0.01	-0.01	2.51e-03	1.72e-03	-0.01
		1515	4.47	0.53	-3.10	-2.68	0.12	-1.15	1.42e-03	-0.02	-0.02	-2.40e-03	-8.98e-03
		1516	13.24	10.55	-4.51e-03	10.48	0.07	-0.88	7.83e-03	-0.01	-6.00e-03	1.86e-03	-9.09e-03
1343	1	1181	157.40	51.54	-71.63	-24.31	4.22	-59.91	1.86	-1.08	0.16	0.62	-1.45
		1182	137.40	47.86	-60.83	-14.96	1.99	-53.68	1.37	-1.05	0.08	0.25	-1.21
		1516	257.25	202.62	-0.35	202.27	7.72e-03	-8.47	1.32	-1.17	0.16	-0.01	-1.24
		1517	418.00	328.72	-1.08	328.41	-0.76	-10.23	1.91	-1.35	0.49	0.08	-1.62
1343	2	1181	27.98	5.36	-18.91	-12.18	-1.37	-10.86	-6.54e-03	-0.05	-0.04	-0.01	-0.01
		1182	30.57	8.45	-18.76	-8.86	-1.45	-13.09	0.02	-0.03	-7.33e-03	-1.79e-03	-0.03
		1516	36.49	28.98	0.06	28.76	0.28	-2.55	6.17e-03	-0.05	-0.04	-3.08e-03	-0.02
		1517	70.57	56.37	0.12	56.32	0.17	-1.71	0.01	-0.03	-0.02	2.45e-03	-0.02
1343	3	1181	48.63	15.66	-22.62	-8.12	1.16	-18.57	0.55	-0.32	0.04	0.18	-0.43
		1182	43.01	14.82	-19.46	-5.13	0.49	-16.91	0.41	-0.31	0.02	0.07	-0.36
		1516	78.84	62.16	-0.08	62.05	0.04	-2.68	0.39	-0.35	0.04	-3.60e-03	-0.37
		1517	129.06	101.60	-0.30	101.50	-0.20	-3.18	0.57	-0.40	0.14	0.02	-0.48
1343	4	1181	10.41	2.00	-7.03	-4.53	-0.50	-4.04	-2.67e-03	-0.02	-0.02	-5.03e-03	-5.54e-03
		1182	11.41	3.15	-7.00	-3.32	-0.53	-4.88	8.01e-03	-0.01	-2.95e-03	-5.59e-04	-9.69e-03
		1516	13.49	10.72	0.04	10.64	0.12	-0.92	2.13e-03	-0.02	-0.02	-1.21e-03	-7.61e-03
		1517	26.16	20.90	0.06	20.88	0.08	-0.66	4.70e-03	-0.01	-7.77e-03	9.60e-04	-6.83e-03
1344	1	1180	193.13	56.25	-88.54	-38.04	5.75	-69.01	3.24	-1.21	0.44	1.59	-2.15
		1181	160.40	51.83	-74.33	-25.40	2.91	-61.47	1.99	-0.91	0.27	0.81	-1.43
		1517	419.65	329.93	-0.48	329.66	-0.21	-9.52	1.84	-1.40	0.50	-0.05	-1.60
		1518	608.61	476.27	-0.98	475.94	-0.65	-12.46	3.02	-1.86	1.08	0.08	-2.39
1344	2	1180	24.22	1.93	-18.11	-14.79	-1.38	-7.44	-6.83e-03	-0.03	-0.03	-0.01	-0.01
		1181	25.94	4.20	-18.07	-12.43	-1.44	-9.69	9.93e-03	-0.03	-0.01	-5.35e-03	-0.02
		1517	71.03	56.70	0.20	56.64	0.27	-1.94	5.29e-03	-0.04	-0.03	-1.59e-03	-0.02
		1518	95.53	76.35	0.17	76.33	0.19	-1.11	6.52e-03	-0.03	-0.02	1.25e-03	-0.01
1344	3	1180	58.77	16.76	-27.52	-12.37	1.61	-21.01	0.96	-0.36	0.13	0.47	-0.64
		1181	49.36	15.66	-23.36	-8.47	0.76	-18.96	0.59	-0.27	0.08	0.24	-0.42
		1517	129.56	101.98	-0.11	101.89	-0.03	-2.94	0.55	-0.42	0.14	-0.01	-0.47
		1518	187.40	146.82	-0.26	146.72	-0.17	-3.79	0.89	-0.55	0.32	0.02	-0.71
1344	4	1180	9.00	0.73	-6.71	-5.48	-0.50	-2.76	-2.71e-03	-0.01	-0.01	-4.32e-03	-3.88e-03
		1181	9.67	1.58	-6.73	-4.62	-0.52	-3.61	3.65e-03	-0.01	-5.62e-03	-1.95e-03	-7.20e-03
		1517	26.33	21.02	0.09	21.00	0.11	-0.70	1.86e-03	-0.02	-0.01	-6.22e-04	-5.98e-03
		1518	35.44	28.32	0.08	28.32	0.08	-0.43	2.40e-03	-0.01	-8.59e-03	4.89e-04	-4.58e-03
1345	1	1179	247.43	57.03	-114.72	-61.86	4.18	-79.27	4.92	-2.71	0.65	1.56	-3.79
		1180	201.18	59.10	-92.40	-38.75	5.45	-72.45	3.97	-0.61	0.86	2.49	-2.14
		1518	615.23	477.76	-1.83	477.48	-1.56	-11.49	3.41	-2.09	1.41	-0.09	-2.64
		1519	825.38	653.85	1.23	653.46	1.62	-15.96	2.46	-2.83	0.30	-0.67	-2.60
1345	2	1179	21.70	-0.39	-17.38	-16.37	-1.40	-4.02	-8.78e-03	-0.03	-0.02	-0.01	-5.11e-03
		1180	22.67	1.03	-17.42	-14.96	-1.43	-6.27	1.31e-03	-0.03	-0.02	-7.46e-03	-0.01
		1518	95.82	76.57	0.23	76.54	0.25	-1.33	3.09e-03	-0.03	-0.03	-7.77e-04	-0.01
		1519	110.55	88.37	0.20	88.36	0.20	-0.50	2.13e-03	-0.02	-0.02	5.66e-04	-6.24e-03
1345	3	1179	74.41	16.74	-35.13	-19.54	1.14	-23.79	1.46	-0.81	0.19	0.46	-1.12
		1180	60.99	17.52	-28.59	-12.60	1.52	-21.95	1.18	-0.18	0.25	0.74	-0.64
		1518	189.37	147.27	-0.51	147.19	-0.43	-3.48	1.01	-0.62	0.41	-0.03	-0.78
		1519	252.75	200.34	0.39	200.22	0.51	-4.79	0.73	-0.84	0.09	-0.20	-0.77
1345	4	1179	8.04	-0.13	-6.43	-6.06	-0.51	-1.49	-3.37e-03	-0.01	-9.94e-03	-3.92e-03	-1.90e-03
		1180	8.44	0.40	-6.47	-5.55	-0.52	-2.34	3.87e-04	-0.01	-6.98e-03	-2.77e-03	-4.82e-03



		1518	35.54	28.40	0.10	28.39	0.11	-0.47	1.08e-03	-0.01	-0.01	-3.04e-04	-4.09e-03
		1519	41.02	32.79	0.09	32.79	0.09	-0.20	7.82e-04	-9.61e-03	-9.05e-03	2.22e-04	-2.35e-03
1346	1	1178	244.29	-17.85	-173.33	-126.34	-64.84	-71.40	0.26	-5.30	-1.08	-3.95	-2.38
		1179	264.00	79.09	-112.60	-65.24	31.73	-82.68	3.41	-4.36	-0.32	-0.64	-3.88
		1519	834.07	663.26	-5.52	662.37	-4.64	-24.31	3.14	-2.55	0.01	0.58	-2.83
		1520	1102.55	866.01	8.91	865.88	9.04	-10.27	-5.92e-03	-3.70	-3.07	-0.64	-1.40
1346	2	1178	20.54	-1.39	-16.95	-16.92	-1.41	-0.59	-9.58e-03	-0.02	-0.02	-9.61e-03	6.44e-04
		1179	20.85	-0.90	-16.97	-16.45	-1.42	-2.84	-5.58e-03	-0.02	-0.02	-8.74e-03	-6.65e-03
		1519	110.69	88.48	0.23	88.47	0.24	-0.72	8.49e-04	-0.03	-0.03	-2.77e-04	-5.44e-03
		1520	115.60	92.41	0.22	92.41	0.22	0.11	1.23e-04	-0.02	-0.02	1.18e-04	-3.37e-04
1346	3	1178	73.18	-5.69	-52.30	-38.68	-19.31	-21.19	0.07	-1.57	-0.32	-1.17	-0.70
		1179	79.24	23.26	-34.50	-20.55	9.31	-24.72	1.01	-1.29	-0.10	-0.19	-1.15
		1519	255.31	203.13	-1.60	202.87	-1.34	-7.24	0.93	-0.76	6.63e-04	0.17	-0.84
		1520	335.32	263.50	2.67	263.47	2.71	-3.06	-2.13e-03	-1.10	-0.91	-0.19	-0.41
1346	4	1178	7.61	-0.50	-6.27	-6.26	-0.51	-0.21	-3.60e-03	-8.71e-03	-8.70e-03	-3.61e-03	2.52e-04
		1179	7.74	-0.32	-6.29	-6.09	-0.52	-1.06	-2.16e-03	-8.94e-03	-7.84e-03	-3.27e-03	-2.51e-03
		1519	41.07	32.83	0.10	32.83	0.10	-0.25	2.91e-04	-0.01	-0.01	-1.08e-04	-2.03e-03
		1520	42.89	34.29	0.09	34.29	0.09	0.02	4.83e-05	-9.47e-03	-9.47e-03	4.65e-05	-1.32e-04
1347	1	1177	178.73	-34.83	-132.00	-129.06	-37.76	16.64	-1.14	-8.11	-2.37	-6.88	2.66
		1178	173.84	-36.31	-130.93	-129.51	-37.73	-11.50	-1.22	-8.04	-2.37	-6.88	-2.55
		1520	1127.70	874.17	3.60	873.87	3.91	-16.23	0.84	-3.81	-3.66	0.69	-0.82
		1521	1120.53	868.48	3.59	868.14	3.93	17.08	0.88	-3.85	-3.66	0.69	0.92
1347	2	1177	20.85	-0.90	-16.97	-16.45	-1.42	2.84	-5.58e-03	-0.02	-0.02	-8.74e-03	6.65e-03
		1178	20.54	-1.39	-16.95	-16.92	-1.41	0.59	-9.58e-03	-0.02	-0.02	-9.61e-03	-6.44e-04
		1520	115.60	92.41	0.22	92.41	0.22	-0.11	1.23e-04	-0.02	-0.02	1.18e-04	3.37e-04
		1521	110.69	88.48	0.23	88.47	0.24	0.72	8.49e-04	-0.03	-0.03	-2.77e-04	5.44e-03
1347	3	1177	54.29	-10.37	-40.37	-39.46	-11.28	5.15	-0.34	-2.41	-0.70	-2.04	0.79
		1178	52.67	-10.88	-40.02	-39.62	-11.27	-3.37	-0.36	-2.38	-0.71	-2.04	-0.76
		1520	342.77	265.92	1.10	265.83	1.19	-4.80	0.25	-1.13	-1.09	0.21	-0.24
		1521	340.28	263.94	1.10	263.84	1.19	5.09	0.26	-1.14	-1.09	0.21	0.27
1347	4	1177	7.74	-0.32	-6.29	-6.09	-0.52	1.06	-2.16e-03	-8.94e-03	-7.84e-03	-3.27e-03	2.51e-03
		1178	7.61	-0.50	-6.27	-6.26	-0.51	0.21	-3.60e-03	-8.71e-03	-8.70e-03	-3.61e-03	-2.52e-04
		1520	42.89	34.29	0.09	34.29	0.09	-0.02	4.83e-05	-9.47e-03	-9.47e-03	4.65e-05	1.32e-04
		1521	41.07	32.83	0.10	32.83	0.10	0.25	2.91e-04	-0.01	-0.01	-1.08e-04	2.03e-03
1348	1	1176	275.25	83.96	-116.06	-63.77	31.66	87.90	3.51	-4.46	-0.32	-0.63	3.98
		1177	254.27	-12.93	-177.70	-125.78	-64.84	76.54	0.35	-5.39	-1.08	-3.95	2.48
		1521	1095.22	860.17	8.87	860.03	9.02	11.12	0.07	-3.78	-3.07	-0.64	1.50
		1522	812.90	645.94	-5.58	644.97	-4.61	25.18	3.24	-2.65	0.01	0.58	2.93
1348	2	1176	22.67	1.03	-17.42	-14.96	-1.43	6.27	1.31e-03	-0.03	-0.02	-7.46e-03	0.01
		1177	21.70	-0.39	-17.38	-16.37	-1.40	4.02	-8.78e-03	-0.03	-0.02	-0.01	5.11e-03
		1521	110.55	88.37	0.20	88.36	0.20	0.50	2.13e-03	-0.02	-0.02	5.66e-04	6.24e-03
		1522	95.82	76.57	0.23	76.54	0.25	1.33	3.09e-03	-0.03	-0.03	-7.77e-04	0.01
1348	3	1176	83.02	24.94	-35.66	-20.01	9.29	26.53	1.04	-1.32	-0.10	-0.19	1.18
		1177	76.55	-4.00	-53.79	-38.48	-19.31	22.98	0.10	-1.60	-0.32	-1.17	0.74
		1521	332.77	261.47	2.66	261.43	2.70	3.35	0.02	-1.12	-0.91	-0.19	0.45
		1522	247.93	197.10	-1.62	196.82	-1.33	7.54	0.96	-0.79	9.41e-04	0.17	0.87
1348	4	1176	8.44	0.40	-6.47	-5.55	-0.52	2.34	3.87e-04	-0.01	-6.98e-03	-2.77e-03	4.82e-03
		1177	8.04	-0.13	-6.43	-6.06	-0.51	1.49	-3.37e-03	-0.01	-9.94e-03	-3.92e-03	1.90e-03
		1521	41.02	32.79	0.09	32.79	0.09	0.20	7.82e-04	-9.61e-03	-9.05e-03	2.22e-04	2.35e-03
		1522	35.54	28.40	0.10	28.39	0.11	0.47	1.08e-03	-0.01	-0.01	-3.04e-04	4.09e-03
1349	1	1175	213.00	65.13	-95.97	-36.19	5.34	77.83	4.07	-0.70	0.86	2.50	2.24
		1176	259.09	62.37	-118.49	-60.27	4.15	84.50	5.02	-2.81	0.65	1.56	3.89
		1522	803.94	636.37	1.15	635.92	1.60	16.82	2.56	-2.93	0.30	-0.67	2.71
		1523	579.16	448.44	-1.86	448.10	-1.52	12.39	3.50	-2.18	1.41	-0.09	2.74
1349	2	1175	25.94	4.20	-18.07	-12.43	-1.44	9.69	9.93e-03	-0.03	-0.01	-5.35e-03	0.02
		1176	24.22	1.93	-18.11	-14.79	-1.38	7.44	-6.83e-03	-0.03	-0.03	-0.01	0.01
		1522	95.53	76.35	0.17	76.33	0.19	1.11	6.52e-03	-0.03	-0.02	1.25e-03	0.01
		1523	71.03	56.70	0.20	56.64	0.27	1.94	5.29e-03	-0.04	-0.03	-1.59e-03	0.02
1349	3	1175	64.95	19.61	-29.78	-11.66	1.49	23.80	1.21	-0.21	0.25	0.74	0.66
		1176	78.34	18.59	-36.41	-18.96	1.14	25.60	1.49	-0.84	0.19	0.46	1.15
		1522	245.28	194.25	0.37	194.12	0.50	5.09	0.76	-0.87	0.09	-0.20	0.80
		1523	176.82	137.09	-0.52	136.98	-0.42	3.80	1.04	-0.65	0.42	-0.03	0.81
1349	4	1175	9.67	1.58	-6.73	-4.62	-0.52	3.61	3.65e-03	-0.01	-5.62e-03	-1.95e-03	7.20e-03
		1176	9.00	0.73	-6.71	-5.48	-0.50	2.76	-2.71e-03	-0.01	-0.01	-4.32e-03	3.88e-03
		1522	35.44	28.32	0.08	28.32	0.08	0.43	2.40e-03	-0.01	-8.59e-03	4.89e-04	4.58e-03
		1523	26.33	21.02	0.09	21.00	0.11	0.70	1.86e-03	-0.02	-0.01	-6.22e-04	5.98e-03
1350	1	1174	172.81	58.73	-77.63	-21.64	2.75	67.08	2.09	-0.99	0.28	0.82	1.52
		1175	204.98	62.35	-92.01	-35.36	5.69	74.40	3.34	-1.30	0.44	1.60	2.25
		1523	572.41	446.81	-1.07	446.41	-0.67	13.35	3.12	-1.95	1.08	0.08	2.49
		1524	368.16	288.16	-0.54	287.78	-0.16	10.48	1.93	-1.48	0.50	-0.05	1.69
1350	2	1174	30.57	8.45	-18.76	-8.86	-1.45	13.09	0.02	-0.03	-7.33e-03	-1.79e-03	0.03
		1175	27.98	5.36	-18.91	-12.18	-1.37	10.86	-6.54e-03	-0.05	-0.04	-0.01	0.01
		1523	70.57	56.37	0.12	56.32	0.17	1.71	0.01	-0.03	-0.02	2.45e-03	0.02
		1524	36.49	28.98	0.06	28.76	0.28	2.55	6.17e-03	-0.05	-0.04	-3.08e-03	0.02
1350	3	1174	53.51	18.05	-24.44	-7.11	0.72	20.88	0.62	-0.30	0.08	0.24	0.45
		1175	62.73	18.87	-28.67	-11.40	1.59	22.86	0.99	-0.39	0.13	0.47	0.67
		1523	174.81	136.59	-0.30	136.46	-0.17	4.10	0.92	-0.58	0.32	0.02	0.74



		1524	111.70	87.51	-0.14	87.38	-0.01	3.27	0.57	-0.44	0.14	-0.01	0.50
1350	4	1174	11.41	3.15	-7.00	-3.32	-0.53	4.88	8.01e-03	-0.01	-2.95e-03	-5.59e-04	9.69e-03
		1175	10.41	2.00	-7.03	-4.53	-0.50	4.04	-2.67e-03	-0.02	-0.02	-5.03e-03	5.54e-03
		1523	26.16	20.90	0.06	20.88	0.08	0.66	4.70e-03	-0.01	-7.77e-03	9.60e-04	6.83e-03
		1524	13.49	10.72	0.04	10.64	0.12	0.92	2.13e-03	-0.02	-0.02	-1.21e-03	7.61e-03
1351	1	1173	150.63	55.84	-63.90	-9.83	1.77	59.59	1.47	-1.11	0.09	0.27	1.29
		1174	169.87	58.56	-74.84	-20.42	4.14	65.56	1.96	-1.16	0.15	0.64	1.54
		1524	366.45	286.81	-1.21	286.38	-0.78	11.17	2.01	-1.43	0.50	0.08	1.71
		1525	190.22	147.80	-0.54	147.19	0.07	9.50	1.40	-1.25	0.16	-0.01	1.32
1351	2	1173	36.52	13.71	-19.38	-4.21	-1.46	16.49	0.04	-0.03	6.48e-03	4.06e-03	0.03
		1174	32.88	9.78	-19.65	-8.52	-1.35	14.27	-9.76e-03	-0.06	-0.06	-0.02	0.02
		1524	35.78	28.52	-0.04	28.33	0.15	2.32	0.02	-0.03	-0.02	4.77e-03	0.02
		1525	11.93	1.46	-8.25	-7.08	0.30	3.16	4.45e-03	-0.06	-0.05	-6.14e-03	0.02
1351	3	1173	47.42	17.58	-20.44	-3.29	0.43	18.92	0.44	-0.33	0.03	0.08	0.38
		1174	52.79	18.09	-23.67	-6.72	1.14	20.50	0.58	-0.35	0.04	0.19	0.46
		1524	111.19	87.08	-0.35	86.94	-0.21	3.50	0.60	-0.43	0.15	0.02	0.51
		1525	55.70	43.24	-0.16	43.03	0.06	3.03	0.41	-0.37	0.04	-4.36e-03	0.39
1351	4	1173	13.62	5.09	-7.25	-1.62	-0.53	6.14	0.01	-0.01	2.51e-03	1.72e-03	0.01
		1174	12.24	3.63	-7.32	-3.20	-0.49	5.31	-3.96e-03	-0.02	-0.02	-6.42e-03	6.68e-03
		1524	13.24	10.55	-4.51e-03	10.48	0.07	0.88	7.83e-03	-0.01	-6.00e-03	1.86e-03	9.09e-03
		1525	4.47	0.53	-3.10	-2.68	0.12	1.15	1.42e-03	-0.02	-0.02	-2.40e-03	8.98e-03
1352	1	1172	137.50	55.67	-53.65	1.07	0.95	54.66	1.30	-1.06	0.07	0.18	1.18
		1173	149.73	56.54	-62.27	-8.60	2.88	59.13	1.45	-1.15	0.04	0.25	1.30
		1525	189.47	146.53	-1.29	145.87	-0.63	9.85	1.46	-1.23	0.20	0.03	1.35
		1526	45.78	22.83	-3.37	19.30	0.16	8.95	1.21	-1.14	0.08	-7.45e-03	1.18
1352	2	1172	43.80	19.94	-19.88	1.53	-1.47	19.85	0.07	-0.02	0.04	0.01	0.04
		1173	38.89	15.15	-20.28	-3.80	-1.33	17.67	-0.02	-0.09	-0.09	-0.02	0.02
		1525	11.87	1.12	-8.60	-7.62	0.14	2.93	0.03	-0.03	-5.39e-03	9.86e-03	0.03
		1526	65.00	0.59	-51.15	-50.88	0.31	3.77	-1.57e-03	-0.09	-0.07	-0.01	0.03
1352	3	1172	44.08	17.97	-17.45	0.34	0.18	17.71	0.39	-0.31	0.02	0.05	0.35
		1173	47.30	17.88	-20.01	-2.89	0.76	18.85	0.42	-0.35	3.69e-03	0.07	0.39
		1525	55.49	42.83	-0.39	42.60	-0.16	3.16	0.44	-0.37	0.06	9.61e-03	0.40
		1526	12.24	4.00	-2.08	1.83	0.08	2.91	0.36	-0.34	0.02	-3.51e-03	0.35
1352	4	1172	16.32	7.39	-7.44	0.48	-0.54	7.40	0.03	-7.08e-03	0.01	4.94e-03	0.02
		1173	14.47	5.62	-7.57	-1.47	-0.48	6.57	-7.47e-03	-0.04	-0.03	-9.36e-03	7.04e-03
		1525	4.50	0.43	-3.25	-2.88	0.06	1.11	0.01	-0.01	-2.08e-03	3.85e-03	0.01
		1526	24.23	0.23	-19.06	-18.96	0.13	1.38	-9.73e-04	-0.03	-0.03	-5.39e-03	0.01
1353	1	1171	130.15	58.04	-45.87	12.06	0.12	51.61	1.22	-0.94	0.10	0.18	1.08
		1172	138.05	57.07	-52.83	2.23	2.01	54.95	1.25	-1.10	-0.01	0.16	1.17
		1526	45.58	21.69	-4.17	18.01	-0.50	9.03	1.26	-1.11	0.13	0.02	1.18
		1527	131.20	0.99	-101.85	-101.10	0.23	8.79	1.10	-1.07	0.05	-0.02	1.08
1353	2	1171	52.54	27.19	-20.21	8.44	-1.46	23.18	0.12	-0.01	0.10	0.01	0.05
		1172	46.03	21.49	-20.79	2.02	-1.32	21.08	-0.04	-0.15	-0.15	-0.04	0.02
		1526	64.96	0.39	-51.76	-51.52	0.15	3.54	0.05	-0.01	0.02	0.02	0.03
		1527	129.96	0.46	-102.82	-102.63	0.27	4.41	-0.01	-0.16	-0.14	-0.04	0.06
1353	3	1171	42.53	19.20	-15.17	4.09	-0.06	17.06	0.37	-0.28	0.04	0.05	0.32
		1172	44.37	18.49	-17.26	0.72	0.51	17.88	0.36	-0.34	-0.02	0.04	0.35
		1526	12.33	3.70	-2.42	1.40	-0.12	2.96	0.38	-0.33	0.04	7.28e-03	0.35
		1527	48.59	0.32	-37.97	-37.74	0.10	2.91	0.32	-0.33	1.13e-03	-9.78e-03	0.33
1353	4	1171	19.54	10.06	-7.57	3.01	-0.53	8.64	0.05	-3.86e-03	0.04	5.94e-03	0.02
		1172	17.11	7.95	-7.77	0.66	-0.48	7.84	-0.02	-0.06	-0.06	-0.02	7.04e-03
		1526	24.22	0.16	-19.29	-19.20	0.07	1.33	0.02	-4.09e-03	6.79e-03	9.49e-03	0.01
		1527	48.39	0.18	-38.27	-38.20	0.11	1.61	-5.81e-03	-0.06	-0.05	-0.02	0.02
1354	1	1170	126.95	63.03	-38.97	24.32	-0.26	49.50	1.11	-0.83	0.17	0.11	0.97
		1171	132.92	60.52	-46.09	13.13	1.30	52.98	1.11	-1.05	-0.08	0.13	1.07
		1527	131.67	0.54	-103.17	-102.47	-0.17	8.53	1.15	-0.97	0.15	0.03	1.06
		1528	275.59	0.16	-218.71	-218.33	-0.22	9.12	1.00	-1.14	-0.07	-0.07	1.07
1354	2	1170	62.99	35.68	-19.95	16.85	-1.12	26.33	0.27	-0.06	0.26	-0.05	0.07
		1171	54.61	28.78	-21.38	8.93	-1.52	24.53	-0.10	-0.29	-0.29	-0.10	0.03
		1527	130.00	0.54	-103.51	-103.35	0.37	4.12	0.09	0.06	0.07	0.08	0.01
		1528	205.99	-4.11e-03	-162.67	-162.50	-0.17	5.17	-0.01	-0.46	-0.33	-0.14	0.20
1354	3	1170	42.33	21.29	-13.12	8.32	-0.15	16.67	0.35	-0.24	0.07	0.03	0.29
		1171	43.47	20.04	-15.32	4.44	0.28	17.55	0.31	-0.33	-0.05	0.03	0.32
		1527	48.68	0.20	-38.42	-38.20	-9.46e-03	2.86	0.35	-0.28	0.05	0.02	0.31
		1528	97.28	0.06	-77.12	-77.00	-0.07	3.07	0.29	-0.38	-0.05	-0.03	0.34
1354	4	1170	23.41	13.18	-7.48	6.11	-0.40	9.81	0.11	-0.02	0.10	-0.02	0.02
		1171	20.28	10.63	-7.99	3.19	-0.55	9.12	-0.04	-0.11	-0.11	-0.04	0.01
		1527	48.40	0.21	-38.53	-38.47	0.15	1.55	0.03	0.02	0.03	0.03	5.17e-03
		1528	76.69	9.96e-03	-60.52	-60.46	-0.05	1.90	-4.82e-03	-0.18	-0.13	-0.05	0.08
1355	1	1169	123.08	72.84	-23.82	43.90	5.12	44.27	0.91	-0.89	0.35	-0.33	0.83
		1170	136.65	66.30	-44.71	24.03	-2.44	53.91	0.88	-1.22	-0.32	-0.02	1.04
		1528	277.23	2.86	-219.80	-219.52	2.57	7.93	1.03	-0.81	0.12	0.10	0.92
		1529	423.24	-5.30	-338.48	-338.03	-5.75	12.23	1.15	-1.52	-0.23	-0.14	1.34
1355	2	1169	75.35	46.37	-15.52	29.67	1.18	27.48	0.71	-0.48	0.71	-0.48	0.05
		1170	67.02	36.95	-23.58	16.45	-3.08	28.65	-0.31	-0.80	-0.75	-0.37	0.15
		1528	205.60	2.58	-163.05	-162.94	2.47	4.27	0.26	0.10	0.13	0.23	-0.06
		1529	294.20	-4.00	-232.15	-231.90	-4.25	7.57	0.26	-1.33	-0.75	-0.32	0.76



1355	3	1169	42.09	24.97	-8.30	15.06	1.61	15.21	0.31	-0.28	0.17	-0.14	0.25
		1170	45.51	22.34	-15.08	8.20	-0.94	18.14	0.22	-0.43	-0.17	-0.04	0.32
		1528	97.66	1.05	-77.48	-77.39	0.96	2.69	0.32	-0.22	0.05	0.05	0.27
		1529	147.81	-1.86	-117.86	-117.71	-2.01	4.17	0.36	-0.57	-0.14	-0.07	0.47
1355	4	1169	28.01	17.12	-5.84	10.84	0.45	10.24	0.28	-0.19	0.28	-0.19	0.02
		1170	24.89	13.64	-8.82	5.95	-1.13	10.65	-0.12	-0.31	-0.29	-0.14	0.06
		1528	76.51	0.97	-60.66	-60.62	0.93	1.61	0.10	0.04	0.05	0.09	-0.02
		1529	109.57	-1.47	-86.36	-86.26	-1.56	2.79	0.10	-0.52	-0.29	-0.13	0.30
1356	1	99	160.46	126.88	13.41	125.43	14.86	-12.74	0.47	-1.68	0.41	-1.61	0.36
		1169	187.02	78.32	-75.28	20.01	-16.98	74.54	0.11	-2.51	-1.25	-1.15	1.31
		1529	442.73	34.83	-329.07	-328.85	34.61	-9.02	0.72	-2.37	-1.17	-0.48	1.51
		115	617.50	-65.13	-497.09	-487.55	-74.67	63.46	4.52	2.62	4.51	2.63	-0.14
1356	2	99	101.77	62.68	0.19	59.54	3.33	13.66	0.85	-2.96	0.84	-2.94	0.24
		1169	96.61	50.01	-32.69	22.01	-4.69	39.14	-1.21	-2.44	-2.13	-1.52	0.53
		1529	310.72	23.99	-229.57	-229.56	23.98	-1.46	-0.27	-1.72	-1.24	-0.76	0.69
		115	391.75	-42.51	-315.88	-314.30	-44.08	20.72	3.90	3.15	3.45	3.60	-0.36
1356	3	99	54.57	41.65	4.34	41.45	4.54	-2.73	0.22	-0.77	0.20	-0.76	0.13
		1169	62.82	26.88	-24.81	7.39	-5.32	25.05	-0.09	-0.97	-0.57	-0.49	0.44
		1529	154.81	12.12	-114.86	-114.80	12.06	-2.78	0.19	-0.86	-0.46	-0.21	0.51
		115	212.88	-22.57	-171.11	-168.26	-25.42	20.38	1.67	1.11	1.66	1.12	-0.08
1356	4	99	38.22	23.11	-0.06	21.92	1.12	5.10	0.33	-1.16	0.33	-1.15	0.09
		1169	36.03	18.50	-12.19	7.98	-1.68	14.56	-0.47	-0.95	-0.83	-0.59	0.21
		1529	115.70	8.92	-85.39	-85.38	8.92	-0.54	-0.11	-0.67	-0.48	-0.30	0.27
		115	146.13	-15.77	-117.51	-116.92	-16.36	7.71	1.52	1.23	1.34	1.41	-0.14
1357	1	1149	164.39	52.39	-48.03	13.69	-9.34	-48.87	1.26	-5.53	-1.80	-2.46	-3.38
		198	102.82	75.16	8.19	75.15	8.21	1.03	0.52	-2.48	0.27	-2.23	-0.83
		258	423.27	-37.44	-284.35	-278.70	-43.09	-36.93	11.35	4.74	11.32	4.77	0.47
		1530	259.49	20.20	-174.36	-174.28	20.11	4.04	2.47	-5.96	-2.74	-0.76	-4.09
1357	2	1149	96.18	49.45	-34.91	18.81	-4.27	-40.57	-1.27	-2.33	-2.18	-1.42	-0.38
		198	101.04	60.56	-0.99	57.64	1.93	-13.10	0.92	-3.00	0.91	-3.00	-0.19
		258	392.75	-43.93	-320.91	-319.10	-45.75	-22.34	3.66	2.79	2.92	3.52	0.31
		1530	313.02	24.74	-232.03	-232.01	24.73	2.09	-0.42	-1.44	-1.11	-0.75	-0.48
1357	3	1149	56.11	19.17	-16.91	5.27	-3.02	-17.56	0.24	-1.84	-0.74	-0.86	-1.04
		198	38.21	26.43	2.43	26.41	2.45	-0.70	0.22	-1.00	0.16	-0.94	-0.26
		258	155.45	-14.46	-108.45	-106.72	-16.20	-12.65	3.65	1.73	3.63	1.75	0.17
		1530	100.28	7.85	-69.19	-69.16	7.83	1.36	0.69	-1.90	-0.92	-0.30	-1.26
1357	4	1149	35.90	18.30	-13.02	6.79	-1.51	-15.10	-0.49	-0.91	-0.85	-0.56	-0.15
		198	37.93	22.32	-0.51	21.22	0.59	-4.88	0.36	-1.17	0.35	-1.17	-0.08
		258	146.46	-16.31	-119.36	-118.69	-16.98	-8.33	1.43	1.09	1.15	1.38	0.12
		1530	116.52	9.20	-86.28	-86.27	9.19	0.78	-0.16	-0.57	-0.43	-0.29	-0.19
1358	1	1148	125.54	43.41	-31.02	14.02	-1.63	-36.39	2.73	-2.94	-0.32	0.11	-2.82
		1149	114.05	48.50	-18.71	27.14	2.65	-31.29	2.24	-2.73	0.32	-0.81	-2.42
		1530	232.91	-2.89	-179.53	-179.15	-3.27	-8.12	3.19	-3.32	-0.05	-0.09	-3.25
		1531	134.88	1.84	-98.27	-97.96	1.53	-5.54	2.81	-2.64	0.12	0.06	-2.72
1358	2	1148	68.27	36.39	-25.12	14.46	-3.19	-29.46	-0.35	-0.77	-0.77	-0.35	-0.03
		1149	73.12	45.26	-16.86	27.14	1.26	-28.23	0.76	-0.41	0.76	-0.41	0.09
		1530	297.64	-4.08	-234.95	-234.70	-4.34	-7.71	0.11	-1.24	-0.78	-0.35	-0.64
		1531	207.85	2.62	-164.54	-164.43	2.51	-4.28	0.40	9.93e-03	0.16	0.25	0.19
1358	3	1148	42.17	15.52	-11.14	5.09	-0.71	-13.01	0.76	-0.93	-0.17	-7.16e-05	-0.84
		1149	39.17	17.68	-6.89	9.90	0.89	-11.42	0.69	-0.80	0.17	-0.28	-0.71
		1530	91.27	-1.15	-70.95	-70.83	-1.28	-2.97	0.95	-1.10	-0.09	-0.06	-1.03
		1531	54.72	0.74	-41.55	-41.46	0.65	-1.98	0.84	-0.75	0.05	0.04	-0.79
1358	4	1148	25.31	13.44	-9.39	5.22	-1.17	-10.96	-0.14	-0.30	-0.30	-0.14	-0.01
		1149	27.18	16.71	-6.34	9.90	0.48	-10.52	0.30	-0.16	0.29	-0.16	0.03
		1530	110.82	-1.50	-87.38	-87.28	-1.59	-2.84	0.04	-0.48	-0.30	-0.14	-0.25
		1531	77.32	0.98	-61.20	-61.15	0.94	-1.61	0.16	5.47e-03	0.06	0.10	0.07
1359	1	1147	122.07	37.03	-31.74	5.35	-0.06	-34.28	3.07	-2.82	-0.04	0.30	-2.94
		1148	118.83	41.26	-27.74	14.05	-0.54	-33.72	2.94	-2.51	0.23	0.20	-2.73
		1531	135.16	0.40	-97.35	-96.94	-4.70e-03	-6.28	2.85	-2.94	-4.62e-03	-0.09	-2.90
		1532	63.42	1.60	-20.73	-19.14	3.47e-03	-5.75	3.04	-2.77	0.24	0.02	-2.90
1359	2	1147	57.47	28.84	-22.59	7.82	-1.56	-25.28	-0.06	-0.32	-0.30	-0.09	0.07
		1148	61.93	35.19	-21.39	14.92	-1.12	-27.13	0.28	-0.03	0.27	-0.02	0.05
		1531	207.69	-0.01	-164.18	-164.01	-0.18	-5.19	-0.11	-0.36	-0.33	-0.14	-0.08
		1532	130.84	0.55	-103.96	-103.80	0.39	-4.13	0.18	-0.01	0.09	0.08	0.09
1359	3	1147	40.24	13.08	-11.15	2.06	-0.12	-12.07	0.89	-0.85	-0.04	0.08	-0.87
		1148	39.83	14.81	-9.90	5.13	-0.23	-12.06	0.88	-0.73	0.09	0.06	-0.80
		1531	54.88	0.12	-41.25	-41.13	-1.93e-03	-2.23	0.83	-0.90	-0.03	-0.04	-0.87
		1532	24.44	0.34	-13.83	-13.53	0.04	-2.03	0.90	-0.81	0.08	0.01	-0.85
1359	4	1147	21.34	10.66	-8.44	2.79	-0.57	-9.40	-0.03	-0.12	-0.12	-0.03	0.03
		1148	23.02	13.01	-8.02	5.39	-0.40	-10.11	0.11	-9.82e-03	0.11	-6.73e-03	0.02
		1531	77.30	6.28e-03	-61.06	-61.00	-0.05	-1.91	-0.04	-0.14	-0.13	-0.05	-0.03
		1532	48.69	0.22	-38.68	-38.62	0.16	-1.55	0.07	-2.52e-03	0.03	0.03	0.03
1360	1	1146	120.88	30.48	-34.72	-3.87	-0.37	-32.55	3.18	-3.02	-0.01	0.17	-3.10
		1147	120.31	35.38	-31.54	4.58	-0.74	-33.36	3.19	-2.71	0.15	0.32	-2.95
		1532	64.32	2.08	-19.73	-17.96	0.31	-5.95	2.99	-2.90	0.13	-0.03	-2.94
		1533	95.79	57.97	-0.63	57.42	-0.08	-5.66	3.13	-2.99	0.13	8.53e-03	-3.06
1360	2	1146	48.56	22.01	-21.62	1.74	-1.35	-21.76	0.01	-0.18	-0.15	-0.02	0.08



		1147	53.51	27.26	-21.40	7.34	-1.48	-23.93	0.14	8.21e-03	0.11	0.04	0.05
		1532	130.32	0.46	-103.27	-103.08	0.27	-4.42	-0.02	-0.15	-0.13	-0.04	0.05
		1533	64.66	0.40	-51.29	-51.04	0.15	-3.54	0.09	-0.03	0.03	0.03	0.06
1360	3	1146	39.28	10.65	-11.95	-1.09	-0.20	-11.29	0.93	-0.90	-0.02	0.05	-0.91
		1147	39.58	12.49	-11.02	1.80	-0.32	-11.71	0.95	-0.79	0.06	0.10	-0.87
		1532	24.66	0.44	-13.44	-13.13	0.12	-2.07	0.88	-0.86	0.03	-0.01	-0.87
		1533	25.29	13.42	-0.29	13.13	1.01e-03	-1.96	0.93	-0.88	0.04	4.89e-03	-0.90
1360	4	1146	18.05	8.15	-8.07	0.57	-0.49	-8.09	3.54e-03	-0.07	-0.06	-9.94e-03	0.03
		1147	19.89	10.09	-8.02	2.61	-0.54	-8.92	0.05	4.35e-03	0.04	0.01	0.02
		1532	48.51	0.18	-38.42	-38.35	0.11	-1.62	-7.55e-03	-0.06	-0.05	-0.02	0.02
		1533	24.09	0.16	-19.10	-19.01	0.07	-1.33	0.03	-0.01	0.01	9.91e-03	0.02
1361	1	1145	117.91	23.87	-38.00	-13.29	-0.84	-30.30	3.10	-3.20	-0.05	-0.05	-3.15
		1146	120.18	29.42	-34.93	-4.66	-0.85	-32.12	3.25	-2.97	0.09	0.19	-3.11
		1533	96.53	59.13	-0.23	58.58	0.33	-5.72	3.10	-3.04	0.08	-0.01	-3.07
		1534	174.23	130.62	-0.22	130.39	1.83e-04	-5.41	3.09	-3.11	-0.02	2.90e-03	-3.10
1361	2	1145	40.72	15.95	-20.65	-3.35	-1.36	-18.27	0.03	-0.12	-0.08	-3.71e-03	0.06
		1146	45.42	20.46	-20.70	1.25	-1.50	-20.53	0.09	-0.02	0.04	0.03	0.05
		1533	64.12	0.59	-50.68	-50.40	0.31	-3.78	0.03	-0.11	-0.06	-0.01	0.07
		1534	10.79	1.28	-7.45	-6.31	0.14	-2.94	0.06	-0.04	9.84e-03	0.01	0.05
1361	3	1145	37.87	8.26	-12.83	-4.23	-0.34	-10.36	0.91	-0.95	-0.02	-0.01	-0.93
		1146	38.94	10.24	-11.95	-1.36	-0.35	-11.08	0.96	-0.87	0.03	0.06	-0.92
		1533	25.44	13.80	-0.15	13.52	0.13	-1.96	0.91	-0.90	0.02	-5.21e-03	-0.90
		1534	51.18	38.21	-0.07	38.12	0.02	-1.84	0.91	-0.92	-4.72e-03	1.82e-03	-0.92
1361	4	1145	15.14	5.92	-7.70	-1.28	-0.49	-6.80	0.01	-0.05	-0.03	-1.75e-03	0.02
		1146	16.91	7.59	-7.74	0.39	-0.55	-7.65	0.03	-4.67e-03	0.02	0.01	0.02
		1533	23.89	0.23	-18.87	-18.77	0.13	-1.38	0.01	-0.04	-0.02	-5.57e-03	0.02
		1534	4.07	0.49	-2.81	-2.38	0.07	-1.11	0.02	-0.02	3.58e-03	4.02e-03	0.02
1362	1	1144	111.51	16.95	-41.28	-22.90	-1.43	-27.06	2.80	-3.29	-0.13	-0.35	-3.04
		1145	117.49	23.09	-38.29	-14.05	-1.15	-30.00	3.16	-3.17	0.01	-0.02	-3.16
		1534	175.20	131.77	0.13	131.55	0.36	-5.44	3.07	-3.13	-0.05	-0.01	-3.10
		1535	252.19	198.00	-0.03	197.87	0.10	-4.96	2.86	-3.08	-0.22	7.52e-04	-2.97
1362	2	1144	33.82	10.65	-19.52	-7.48	-1.38	-14.77	0.04	-0.08	-0.05	6.71e-03	0.05
		1145	38.03	14.49	-19.75	-3.77	-1.49	-17.08	0.07	-0.03	0.01	0.03	0.05
		1534	10.56	1.66	-7.12	-5.77	0.31	-3.17	0.04	-0.08	-0.04	-6.38e-03	0.06
		1535	38.32	30.55	-0.02	30.37	0.16	-2.33	0.05	-0.04	1.28e-03	4.97e-03	0.04
1362	3	1144	35.50	5.82	-13.69	-7.35	-0.52	-9.13	0.82	-0.97	-0.04	-0.10	-0.90
		1145	37.60	7.93	-12.86	-4.49	-0.44	-10.19	0.93	-0.93	4.47e-03	-4.40e-03	-0.93
		1534	51.45	38.59	0.05	38.50	0.14	-1.83	0.90	-0.93	-0.02	-4.22e-03	-0.92
		1535	77.52	60.92	7.55e-03	60.88	0.05	-1.66	0.84	-0.91	-0.07	6.85e-04	-0.88
1362	4	1144	12.57	3.97	-7.25	-2.79	-0.50	-5.49	0.01	-0.03	-0.02	2.24e-03	0.02
		1145	14.17	5.39	-7.37	-1.44	-0.54	-6.37	0.03	-0.01	5.64e-03	9.82e-03	0.02
		1534	3.92	0.60	-2.66	-2.18	0.13	-1.15	0.01	-0.03	-0.01	-2.48e-03	0.02
		1535	14.19	11.32	2.54e-03	11.25	0.07	-0.88	0.02	-0.02	1.85e-04	1.94e-03	0.02
1363	1	1143	100.46	9.81	-44.34	-32.38	-2.15	-22.46	2.20	-3.24	-0.26	-0.79	-2.71
		1144	111.09	16.29	-41.55	-23.63	-1.63	-26.74	2.85	-3.26	-0.08	-0.33	-3.05
		1535	253.55	199.14	0.29	199.02	0.41	-5.01	2.84	-3.11	-0.25	-0.01	-2.97
		1536	327.50	257.07	0.12	257.00	0.19	-4.22	2.37	-2.87	-0.50	3.06e-03	-2.61
1363	2	1143	27.83	6.13	-18.22	-10.69	-1.40	-11.25	0.04	-0.05	-0.03	0.01	0.04
		1144	31.43	9.30	-18.60	-7.81	-1.49	-13.59	0.06	-0.03	1.32e-03	0.02	0.04
		1535	39.05	31.02	0.08	30.81	0.29	-2.56	0.04	-0.06	-0.02	-3.22e-03	0.05
		1536	73.77	59.03	0.13	58.98	0.18	-1.72	0.04	-0.03	-1.70e-03	2.53e-03	0.04
1363	3	1143	31.79	3.37	-14.47	-10.38	-0.73	-7.50	0.65	-0.96	-0.08	-0.23	-0.80
		1144	35.22	5.54	-13.72	-7.60	-0.58	-8.96	0.84	-0.96	-0.03	-0.10	-0.90
		1535	77.89	61.29	0.11	61.25	0.16	-1.66	0.84	-0.92	-0.08	-4.64e-03	-0.88
		1536	102.47	80.58	0.06	80.55	0.08	-1.40	0.70	-0.85	-0.15	1.14e-03	-0.77
1363	4	1143	10.33	2.29	-6.75	-3.95	-0.51	-4.18	0.01	-0.02	-0.01	4.64e-03	0.01
		1144	11.71	3.48	-6.93	-2.91	-0.54	-5.07	0.02	-0.01	3.23e-04	8.36e-03	0.02
		1535	14.45	11.48	0.04	11.41	0.12	-0.93	0.01	-0.02	-9.36e-03	-1.25e-03	0.02
		1536	27.36	21.90	0.06	21.88	0.08	-0.66	0.01	-0.01	-1.04e-03	9.85e-04	0.01
1364	1	1142	84.68	3.26	-46.81	-40.76	-2.79	-16.31	1.31	-2.94	-0.39	-1.23	-2.08
		1143	99.75	9.15	-44.56	-33.07	-2.34	-22.02	2.21	-3.24	-0.23	-0.80	-2.71
		1536	328.90	258.15	0.43	258.07	0.50	-4.30	2.37	-2.89	-0.52	6.29e-03	-2.61
		1537	387.97	303.91	0.22	303.88	0.26	-3.11	1.62	-2.43	-0.80	-0.01	-1.99
1364	2	1142	22.87	2.43	-16.84	-12.98	-1.43	-7.71	0.03	-0.04	-0.02	0.02	0.03
		1143	25.74	4.92	-17.34	-10.94	-1.48	-10.07	0.05	-0.03	-4.93e-03	0.02	0.03
		1536	74.24	59.37	0.21	59.30	0.28	-1.95	0.03	-0.05	-0.01	-1.68e-03	0.04
		1537	99.28	79.48	0.18	79.46	0.20	-1.11	0.02	-0.03	-2.51e-03	1.26e-03	0.02
1364	3	1142	26.74	1.15	-15.09	-13.02	-0.92	-5.41	0.39	-0.87	-0.12	-0.36	-0.62
		1143	31.43	3.09	-14.49	-10.60	-0.79	-7.30	0.65	-0.96	-0.07	-0.23	-0.80
		1536	102.92	80.92	0.16	80.89	0.18	-1.40	0.70	-0.85	-0.16	1.71e-03	-0.77
		1537	122.34	95.99	0.09	95.98	0.10	-1.02	0.48	-0.72	-0.24	-2.86e-03	-0.59
1364	4	1142	8.46	0.92	-6.22	-4.79	-0.52	-2.86	0.01	-0.01	-8.59e-03	6.18e-03	9.77e-03
		1143	9.58	1.85	-6.44	-4.04	-0.54	-3.76	0.02	-0.01	-2.15e-03	7.86e-03	0.01
		1536	27.53	22.02	0.09	22.00	0.12	-0.70	0.01	-0.02	-6.02e-03	-6.52e-04	0.01
		1537	36.84	29.49	0.08	29.49	0.09	-0.43	8.47e-03	-9.38e-03	-1.40e-03	4.91e-04	8.87e-03
1365	1	1141	67.76	-1.03	-48.15	-46.41	-2.76	-8.87	0.39	-2.18	-0.42	-1.36	-1.20
		1142	83.88	2.46	-47.05	-41.31	-3.28	-15.85	1.20	-3.02	-0.44	-1.37	-2.06



		1537	389.38	304.74	0.57	304.71	0.60	-3.13	1.69	-2.40	-0.81	0.10	-2.00
		1538	426.87	334.38	0.24	334.37	0.25	-1.72	0.71	-1.79	-0.98	-0.10	-1.17
1365	2	1141	19.46	-0.22	-15.60	-14.38	-1.44	-4.15	0.02	-0.02	-0.02	0.02	0.01
		1142	21.21	1.45	-16.07	-13.15	-1.48	-6.53	0.03	-0.02	-7.90e-03	0.02	0.02
		1537	99.57	79.70	0.24	79.68	0.26	-1.34	0.02	-0.03	-8.93e-03	-8.45e-04	0.03
		1538	114.65	91.80	0.21	91.79	0.21	-0.50	0.01	-0.01	-2.83e-03	5.39e-04	0.01
1365	3	1141	21.47	-0.32	-15.38	-14.78	-0.91	-2.94	0.11	-0.64	-0.13	-0.40	-0.35
		1142	26.38	0.85	-15.12	-13.19	-1.07	-5.20	0.35	-0.89	-0.13	-0.41	-0.61
		1537	122.78	96.25	0.20	96.24	0.21	-1.01	0.50	-0.71	-0.24	0.03	-0.59
		1538	135.05	105.95	0.10	105.94	0.10	-0.57	0.21	-0.53	-0.29	-0.03	-0.35
1365	4	1141	7.18	-0.07	-5.75	-5.29	-0.52	-1.54	8.82e-03	-7.96e-03	-6.28e-03	7.13e-03	5.04e-03
		1142	7.86	0.56	-5.95	-4.85	-0.54	-2.44	0.01	-8.15e-03	-3.34e-03	7.80e-03	8.76e-03
		1537	36.95	29.58	0.10	29.57	0.11	-0.48	7.44e-03	-0.01	-3.90e-03	-3.28e-04	9.38e-03
		1538	42.55	34.07	0.09	34.07	0.09	-0.21	3.90e-03	-5.25e-03	-1.55e-03	2.11e-04	4.49e-03
1366	1	1140	61.94	-2.49	-48.62	-48.60	-2.51	-1.02	-0.36	-1.35	-0.41	-1.30	-0.22
		1141	68.68	-1.88	-48.52	-46.69	-3.70	-9.05	0.18	-2.47	-0.58	-1.70	-1.20
		1538	428.27	334.84	0.60	334.84	0.61	-1.62	0.88	-1.69	-0.97	0.16	-1.15
		1539	442.23	346.84	0.29	346.83	0.29	-0.36	-0.04	-1.10	-1.01	-0.13	-0.30
1366	2	1140	17.99	-1.43	-14.90	-14.87	-1.46	-0.59	0.02	-0.01	-0.01	0.02	7.21e-04
		1141	18.50	-0.82	-15.11	-14.46	-1.47	-2.98	0.03	-0.01	-9.79e-03	0.02	0.01
		1538	114.79	91.91	0.24	91.90	0.25	-0.73	0.01	-0.02	-5.50e-03	-3.33e-04	0.01
		1539	119.82	95.94	0.23	95.94	0.23	0.11	1.05e-04	-3.66e-03	-3.63e-03	7.24e-05	-3.47e-04
1366	3	1140	19.58	-0.84	-15.47	-15.46	-0.84	-0.34	-0.11	-0.40	-0.12	-0.38	-0.06
		1141	21.64	-0.60	-15.47	-14.87	-1.20	-2.92	0.05	-0.73	-0.17	-0.50	-0.36
		1538	135.47	106.09	0.21	106.09	0.21	-0.51	0.26	-0.50	-0.29	0.05	-0.34
		1539	140.00	109.95	0.11	109.95	0.11	-0.12	-0.01	-0.33	-0.30	-0.04	-0.09
1366	4	1140	6.63	-0.52	-5.48	-5.47	-0.53	-0.21	7.64e-03	-4.94e-03	-4.94e-03	7.63e-03	2.79e-04
		1141	6.83	-0.29	-5.57	-5.32	-0.53	-1.11	9.24e-03	-5.53e-03	-4.09e-03	7.80e-03	4.38e-03
		1538	42.60	34.11	0.10	34.11	0.10	-0.25	3.61e-03	-6.33e-03	-2.59e-03	-1.29e-04	4.81e-03
		1539	44.47	35.61	0.10	35.61	0.10	0.02	3.90e-05	-1.88e-03	-1.87e-03	2.94e-05	-1.35e-04
1367	1	1139	63.39	-2.22	-49.07	-48.20	-3.09	6.32	-0.15	-1.88	-0.51	-1.51	0.71
		1140	61.80	-2.97	-48.74	-48.64	-3.07	-2.22	-0.42	-1.61	-0.52	-1.52	-0.32
		1539	442.90	346.94	0.45	346.94	0.45	-0.20	0.07	-1.04	-1.00	0.02	-0.21
		1540	437.13	342.32	0.47	342.32	0.47	0.90	0.30	-1.27	-1.00	0.02	0.59
1367	2	1139	18.50	-0.82	-15.11	-14.46	-1.47	2.98	0.03	-0.01	-9.79e-03	0.02	-0.01
		1140	17.99	-1.43	-14.90	-14.87	-1.46	0.59	0.02	-0.01	-0.01	0.02	-7.21e-04
		1539	119.82	95.94	0.23	95.94	0.23	-0.11	1.05e-04	-3.66e-03	-3.63e-03	7.24e-05	3.47e-04
		1540	114.79	91.91	0.24	91.90	0.25	0.73	0.01	-0.02	-5.50e-03	-3.33e-04	-0.01
1367	3	1139	20.11	-0.71	-15.62	-15.32	-1.01	2.11	-0.04	-0.55	-0.15	-0.45	0.21
		1140	19.54	-0.98	-15.50	-15.48	-1.01	-0.62	-0.13	-0.48	-0.15	-0.45	-0.10
		1539	140.20	109.98	0.16	109.98	0.16	-0.05	0.02	-0.31	-0.30	7.25e-03	-0.06
		1540	138.11	108.31	0.17	108.31	0.17	0.30	0.09	-0.38	-0.30	7.13e-03	0.18
1367	4	1139	6.83	-0.29	-5.57	-5.32	-0.53	1.11	9.24e-03	-5.53e-03	-4.09e-03	7.80e-03	-4.38e-03
		1140	6.63	-0.52	-5.48	-5.47	-0.53	0.21	7.64e-03	-4.94e-03	-4.94e-03	7.63e-03	-2.79e-04
		1539	44.47	35.61	0.10	35.61	0.10	-0.02	3.90e-05	-1.88e-03	-1.87e-03	2.94e-05	1.35e-04
		1540	42.60	34.11	0.10	34.11	0.10	0.25	3.61e-03	-6.33e-03	-2.59e-03	-1.29e-04	-4.81e-03
1368	1	1138	76.98	0.09	-49.10	-45.28	-3.72	13.15	0.55	-2.80	-0.58	-1.68	1.58
		1139	61.46	-1.93	-48.63	-48.06	-2.50	5.12	-0.10	-1.60	-0.41	-1.29	0.60
		1540	436.33	342.09	0.26	342.09	0.27	1.06	0.24	-1.38	-1.01	-0.13	0.68
		1541	410.84	320.85	0.61	320.83	0.63	2.32	1.22	-2.02	-0.96	0.16	1.52
1368	2	1138	21.21	1.45	-16.07	-13.15	-1.48	6.53	0.03	-0.02	-7.90e-03	0.02	-0.02
		1139	19.46	-0.22	-15.60	-14.38	-1.44	4.15	0.02	-0.02	-0.02	0.02	-0.01
		1540	114.65	91.80	0.21	91.79	0.21	0.50	0.01	-0.01	-2.83e-03	5.39e-04	-0.01
		1541	99.57	79.70	0.24	79.68	0.26	1.34	0.02	-0.03	-8.93e-03	-8.45e-04	-0.03
1368	3	1138	24.35	0.13	-15.70	-14.37	-1.20	4.40	0.16	-0.83	-0.17	-0.50	0.47
		1139	19.60	-0.61	-15.50	-15.27	-0.84	1.83	-0.03	-0.47	-0.12	-0.38	0.18
		1540	137.86	108.23	0.11	108.23	0.11	0.37	0.07	-0.41	-0.30	-0.04	0.20
		1541	129.15	101.03	0.21	101.02	0.22	0.77	0.36	-0.60	-0.28	0.05	0.45
1368	4	1138	7.86	0.56	-5.95	-4.85	-0.54	2.44	0.01	-8.15e-03	-3.34e-03	7.80e-03	-8.76e-03
		1139	7.18	-0.07	-5.75	-5.29	-0.52	1.54	8.82e-03	-7.96e-03	-6.28e-03	7.13e-03	-5.04e-03
		1540	42.55	34.07	0.09	34.07	0.09	0.21	3.90e-03	-5.25e-03	-1.55e-03	2.11e-04	-4.49e-03
		1541	36.95	29.58	0.10	29.57	0.11	0.48	7.44e-03	-0.01	-3.90e-03	-3.28e-04	-9.38e-03
1369	1	1137	94.64	5.63	-47.83	-38.90	-3.29	19.94	1.57	-3.34	-0.43	-1.33	2.41
		1138	76.00	0.93	-48.58	-44.90	-2.74	12.98	0.76	-2.52	-0.42	-1.34	1.57
		1541	409.29	320.26	0.21	320.24	0.23	2.42	1.07	-2.14	-0.97	-0.09	1.54
		1542	360.32	281.37	0.57	281.31	0.62	3.83	2.05	-2.74	-0.79	0.10	2.35
1369	2	1137	25.74	4.92	-17.34	-10.94	-1.48	10.07	0.05	-0.03	-4.93e-03	0.02	-0.03
		1138	22.87	2.43	-16.84	-12.98	-1.43	7.71	0.03	-0.04	-0.02	0.02	-0.03
		1541	99.28	79.48	0.18	79.46	0.20	1.11	0.02	-0.03	-2.51e-03	1.26e-03	-0.02
		1542	74.24	59.37	0.21	59.30	0.28	1.95	0.03	-0.05	-0.01	-1.68e-03	-0.04
1369	3	1137	29.93	2.03	-15.44	-12.33	-1.08	6.68	0.46	-0.99	-0.13	-0.39	0.71
		1138	24.18	0.43	-15.58	-14.24	-0.91	4.42	0.22	-0.74	-0.13	-0.40	0.46
		1541	128.67	100.84	0.09	100.83	0.10	0.82	0.32	-0.63	-0.29	-0.03	0.46
		1542	112.25	87.80	0.20	87.78	0.22	1.26	0.60	-0.81	-0.23	0.03	0.69
1369	4	1137	9.58	1.85	-6.44	-4.04	-0.54	3.76	0.02	-0.01	-2.15e-03	7.86e-03	-0.01
		1138	8.46	0.92	-6.22	-4.79	-0.52	2.86	0.01	-0.01	-8.59e-03	6.18e-03	-9.77e-03
		1541	36.84	29.49	0.08	29.49	0.09	0.43	8.47e-03	-9.38e-03	-1.40e-03	4.91e-04	-8.87e-03



		1542	27.53	22.02	0.09	22.00	0.12	0.70	0.01	-0.02	-6.02e-03	-6.52e-04	-0.01
1370	1	1136	111.49	13.45	-45.44	-29.63	-2.36	26.10	2.57	-3.52	-0.21	-0.74	3.04
		1137	95.56	6.54	-47.56	-38.26	-2.76	20.41	1.68	-3.26	-0.39	-1.19	2.44
		1542	358.75	280.42	0.18	280.36	0.23	3.81	1.98	-2.76	-0.77	-9.06e-03	2.34
		1543	288.30	225.40	0.41	225.29	0.52	5.01	2.70	-3.19	-0.49	5.39e-03	2.94
1370	2	1136	31.43	9.30	-18.60	-7.81	-1.49	13.59	0.06	-0.03	1.32e-03	0.02	-0.04
		1137	27.83	6.13	-18.22	-10.69	-1.40	11.25	0.04	-0.05	-0.03	0.01	-0.04
		1542	73.77	59.03	0.13	58.98	0.18	1.72	0.04	-0.03	-1.70e-03	2.53e-03	-0.04
		1543	39.05	31.02	0.08	30.81	0.29	2.56	0.04	-0.06	-0.02	-3.22e-03	-0.05
1370	3	1136	35.34	4.68	-14.85	-9.37	-0.80	8.77	0.76	-1.04	-0.06	-0.22	0.90
		1137	30.34	2.37	-15.40	-12.12	-0.91	6.90	0.49	-0.97	-0.12	-0.35	0.72
		1542	111.74	87.49	0.08	87.47	0.10	1.28	0.58	-0.82	-0.23	-2.45e-03	0.69
		1543	88.20	69.07	0.15	69.03	0.19	1.65	0.80	-0.94	-0.15	1.30e-03	0.87
1370	4	1136	11.71	3.48	-6.93	-2.91	-0.54	5.07	0.02	-0.01	3.23e-04	8.36e-03	-0.02
		1137	10.33	2.29	-6.75	-3.95	-0.51	4.18	0.01	-0.02	-0.01	4.64e-03	-0.01
		1542	27.36	21.90	0.06	21.88	0.08	0.66	0.01	-0.01	-1.04e-03	9.85e-04	-0.01
		1543	14.45	11.48	0.04	11.41	0.12	0.93	0.01	-0.02	-9.36e-03	-1.25e-03	-0.02
1371	1	1135	122.96	21.62	-42.38	-19.10	-1.66	30.79	3.19	-3.49	-0.05	-0.25	3.34
		1136	112.30	14.26	-45.21	-28.84	-2.11	26.56	2.56	-3.54	-0.25	-0.73	3.04
		1543	286.73	224.20	0.06	224.09	0.16	4.92	2.72	-3.17	-0.46	4.75e-03	2.93
		1544	204.59	157.05	0.23	156.84	0.44	5.73	3.14	-3.37	-0.21	-0.02	3.25
1371	2	1135	38.03	14.49	-19.75	-3.77	-1.49	17.08	0.07	-0.03	0.01	0.03	-0.05
		1136	33.82	10.65	-19.52	-7.48	-1.38	14.77	0.04	-0.08	-0.05	6.71e-03	-0.05
		1543	38.32	30.55	-0.02	30.37	0.16	2.33	0.05	-0.04	1.28e-03	4.97e-03	-0.04
		1544	10.56	1.66	-7.12	-5.77	0.31	3.17	0.04	-0.08	-0.04	-6.38e-03	-0.06
1371	3	1135	39.22	7.48	-14.06	-5.98	-0.59	10.43	0.94	-1.03	-0.01	-0.07	0.99
		1136	35.73	5.00	-14.83	-9.11	-0.72	8.99	0.75	-1.05	-0.08	-0.22	0.90
		1543	87.67	68.69	0.03	68.65	0.07	1.65	0.80	-0.94	-0.14	1.87e-03	0.87
		1544	60.14	46.08	0.09	46.00	0.17	1.91	0.93	-1.00	-0.06	-5.54e-03	0.96
1371	4	1135	14.17	5.39	-7.37	-1.44	-0.54	6.37	0.03	-0.01	5.64e-03	9.82e-03	-0.02
		1136	12.57	3.97	-7.25	-2.79	-0.50	5.49	0.01	-0.03	-0.02	2.24e-03	-0.02
		1543	14.19	11.32	2.54e-03	11.25	0.07	0.88	0.02	-0.02	1.85e-04	1.94e-03	-0.02
		1544	3.92	0.60	-2.66	-2.18	0.13	1.15	0.01	-0.03	-0.01	-2.48e-03	-0.02
1372	1	1134	129.03	29.37	-38.95	-8.36	-1.21	33.97	3.46	-3.33	0.06	0.08	3.39
		1135	123.51	22.48	-42.11	-18.27	-1.36	31.17	3.13	-3.53	-0.12	-0.28	3.33
		1544	203.51	155.77	-0.15	155.56	0.05	5.65	3.17	-3.33	-0.17	3.64e-03	3.25
		1545	120.44	80.46	-0.08	79.98	0.40	6.18	3.32	-3.34	-4.37e-03	-0.02	3.33
1372	2	1134	45.42	20.46	-20.70	1.25	-1.50	20.53	0.09	-0.02	0.04	0.03	-0.05
		1135	40.72	15.95	-20.65	-3.35	-1.36	18.27	0.03	-0.12	-0.08	-3.71e-03	-0.06
		1544	10.79	1.28	-7.45	-6.31	0.14	2.94	0.06	-0.04	9.84e-03	0.01	-0.05
		1545	64.12	0.59	-50.68	-50.40	0.31	3.78	0.03	-0.11	-0.06	-0.01	-0.07
1372	3	1134	41.55	10.22	-13.14	-2.46	-0.46	11.63	1.03	-0.98	0.02	0.03	1.00
		1135	39.53	7.83	-14.03	-5.70	-0.49	10.62	0.92	-1.05	-0.04	-0.08	0.98
		1544	59.83	45.66	-0.04	45.58	0.04	1.91	0.94	-0.98	-0.05	2.04e-03	0.96
		1545	32.08	20.08	-0.07	19.86	0.15	2.09	0.98	-0.99	-7.37e-03	-6.62e-03	0.98
1372	4	1134	16.91	7.59	-7.74	0.39	-0.55	7.65	0.03	-4.67e-03	0.02	0.01	-0.02
		1135	15.14	5.92	-7.70	-1.28	-0.49	6.80	0.01	-0.05	-0.03	-1.75e-03	-0.02
		1544	4.07	0.49	-2.81	-2.38	0.07	1.11	0.02	-0.02	3.58e-03	4.02e-03	-0.02
		1545	23.89	0.23	-18.87	-18.77	0.13	1.38	0.01	-0.04	-0.02	-5.57e-03	-0.02
1373	1	1133	131.11	36.62	-35.29	2.31	-0.98	35.91	3.49	-3.07	0.15	0.27	3.28
		1134	129.79	30.52	-38.72	-7.50	-0.70	34.45	3.37	-3.38	-0.05	0.05	3.38
		1545	119.52	79.15	-0.52	78.68	-0.05	6.08	3.36	-3.29	0.06	8.34e-03	3.32
		1546	67.12	5.65	-7.64	-2.35	0.36	6.50	3.29	-3.24	0.09	-0.03	3.26
1373	2	1133	53.51	27.26	-21.40	7.34	-1.48	23.93	0.14	8.21e-03	0.11	0.04	-0.05
		1134	48.56	22.01	-21.62	1.74	-1.35	21.76	0.01	-0.18	-0.15	-0.02	-0.08
		1545	64.66	0.40	-51.29	-51.04	0.15	3.54	0.09	-0.03	0.03	0.03	-0.06
		1546	130.32	0.46	-103.27	-103.08	0.27	4.42	-0.02	-0.15	-0.13	-0.04	-0.05
1373	3	1133	42.77	12.85	-12.12	1.12	-0.39	12.47	1.04	-0.90	0.05	0.08	0.97
		1134	41.92	10.66	-13.12	-2.17	-0.30	11.85	0.99	-1.00	-0.03	0.01	0.99
		1545	31.86	19.65	-0.21	19.43	9.32e-03	2.09	0.99	-0.97	0.02	4.83e-03	0.98
		1546	23.04	0.69	-9.05	-8.50	0.14	2.24	0.96	-0.96	0.01	-0.01	0.96
1373	4	1133	19.89	10.09	-8.02	2.61	-0.54	8.92	0.05	4.35e-03	0.04	0.01	-0.02
		1134	18.05	8.15	-8.07	0.57	-0.49	8.09	3.54e-03	-0.07	-0.06	-9.94e-03	-0.03
		1545	24.09	0.16	-19.10	-19.01	0.07	1.33	0.03	-0.01	0.01	9.91e-03	-0.02
		1546	48.51	0.18	-38.42	-38.35	0.11	1.62	-7.55e-03	-0.06	-0.05	-0.02	-0.02
1374	1	1132	130.49	43.54	-31.07	13.17	-0.70	36.65	3.28	-2.86	0.24	0.18	3.07
		1133	133.00	38.39	-35.48	3.15	-0.24	36.89	3.37	-3.18	-0.06	0.25	3.27
		1546	65.87	4.70	-8.38	-3.69	9.73e-03	6.27	3.34	-3.10	0.21	0.02	3.22
		1547	129.30	0.57	-88.81	-88.28	0.03	6.89	3.19	-3.31	-0.03	-0.10	3.25
1374	2	1132	61.93	35.19	-21.39	14.92	-1.12	27.13	0.28	-0.03	0.27	-0.02	-0.05
		1133	57.47	28.84	-22.59	7.82	-1.56	25.28	-0.06	-0.32	-0.30	-0.09	-0.07
		1546	130.84	0.55	-103.96	-103.80	0.39	4.13	0.18	-0.01	0.09	0.08	-0.09
		1547	207.69	-0.01	-164.18	-164.01	-0.18	5.19	-0.11	-0.36	-0.33	-0.14	0.08
1374	3	1132	43.27	15.48	-10.89	4.87	-0.28	12.93	0.98	-0.83	0.10	0.05	0.91
		1133	43.47	13.48	-12.25	1.41	-0.18	12.84	0.97	-0.96	-0.05	0.07	0.96
		1546	22.74	0.55	-9.46	-8.95	0.04	2.19	0.99	-0.90	0.07	0.01	0.95
		1547	52.74	0.16	-38.71	-38.56	9.70e-03	2.41	0.93	-1.01	-0.04	-0.04	0.97



1374	4	1132	23.02	13.01	-8.02	5.39	-0.40	10.11	0.11	-9.82e-03	0.11	-6.73e-03	-0.02
		1133	21.34	10.66	-8.44	2.79	-0.57	9.40	-0.03	-0.12	-0.12	-0.03	-0.03
		1546	48.69	0.22	-38.68	-38.62	0.16	1.55	0.07	-2.52e-03	0.03	0.03	-0.03
		1547	77.30	6.28e-03	-61.06	-61.00	-0.05	1.91	-0.04	-0.14	-0.13	-0.05	0.03
1375	1	1131	125.47	51.63	-21.27	27.69	2.68	34.24	2.53	-3.10	0.34	-0.91	2.75
		1132	137.78	45.91	-34.45	13.19	-1.73	39.48	3.05	-3.32	-0.35	0.09	3.18
		1547	128.61	1.97	-89.85	-89.45	1.56	6.09	3.14	-2.99	0.10	0.06	3.06
		1548	233.99	-2.90	-178.45	-178.00	-3.34	8.81	3.59	-3.72	-0.04	-0.09	3.66
1375	2	1131	73.12	45.26	-16.86	27.14	1.26	28.23	0.76	-0.41	0.76	-0.41	-0.09
		1132	68.27	36.39	-25.12	14.46	-3.19	29.46	-0.35	-0.77	-0.77	-0.35	0.03
		1547	207.85	2.62	-164.54	-164.43	2.51	4.28	0.40	9.93e-03	0.16	0.25	-0.19
		1548	297.64	-4.08	-234.95	-234.70	-4.34	7.71	0.11	-1.24	-0.78	-0.35	0.64
1375	3	1131	42.52	18.60	-7.64	10.06	0.90	12.30	0.77	-0.91	0.17	-0.31	0.81
		1132	45.79	16.25	-12.15	4.84	-0.74	13.93	0.86	-1.04	-0.18	-7.27e-03	0.95
		1547	52.48	0.78	-39.05	-38.94	0.66	2.14	0.93	-0.85	0.04	0.04	0.89
		1548	91.45	-1.15	-70.63	-70.48	-1.30	3.17	1.07	-1.22	-0.08	-0.06	1.14
1375	4	1131	27.18	16.71	-6.34	9.90	0.48	10.52	0.30	-0.16	0.29	-0.16	-0.03
		1132	25.31	13.44	-9.39	5.22	-1.17	10.96	-0.14	-0.30	-0.30	-0.14	0.01
		1547	77.32	0.98	-61.20	-61.15	0.94	1.61	0.16	5.47e-03	0.06	0.10	-0.07
		1548	110.82	-1.50	-87.38	-87.28	-1.59	2.84	0.04	-0.48	-0.30	-0.14	0.25
1376	1	100	108.71	78.88	8.83	78.87	8.83	0.29	0.58	-2.70	0.29	-2.41	0.93
		1131	179.82	55.91	-52.02	13.70	-9.81	52.67	1.47	-6.19	-1.98	-2.74	3.81
		1548	263.04	20.81	-173.12	-173.04	20.73	-3.83	2.79	-6.68	-3.05	-0.83	4.60
		110	443.23	-38.49	-292.08	-285.98	-44.59	38.87	12.72	5.23	12.68	5.27	-0.51
1376	2	100	101.04	60.56	-0.99	57.64	1.93	13.10	0.92	-3.00	0.91	-3.00	0.19
		1131	96.18	49.45	-34.91	18.81	-4.27	40.57	-1.27	-2.33	-2.18	-1.42	0.38
		1548	313.02	24.74	-232.03	-232.01	24.73	-2.09	-0.42	-1.44	-1.11	-0.75	0.48
		110	392.75	-43.93	-320.91	-319.10	-45.75	22.34	3.66	2.79	2.92	3.52	-0.31
1376	3	100	40.00	27.56	2.58	27.51	2.63	1.09	0.24	-1.07	0.17	-0.99	0.30
		1131	60.69	20.21	-18.09	5.28	-3.16	18.68	0.30	-2.04	-0.79	-0.95	1.17
		1548	101.20	8.03	-68.82	-68.80	8.01	-1.30	0.79	-2.12	-1.01	-0.32	1.41
		110	161.36	-14.78	-110.73	-108.87	-16.64	13.22	4.05	1.88	4.04	1.89	-0.18
1376	4	100	37.93	22.32	-0.51	21.22	0.59	4.88	0.36	-1.17	0.35	-1.17	0.08
		1131	35.90	18.30	-13.02	6.79	-1.51	15.10	-0.49	-0.91	-0.85	-0.56	0.15
		1548	116.52	9.20	-86.28	-86.27	9.19	-0.78	-0.16	-0.57	-0.43	-0.29	0.19
		110	146.46	-16.31	-119.36	-118.69	-16.98	8.33	1.43	1.09	1.15	1.38	-0.12
1377	1	1093	89.49	22.13	-20.16	4.61	-2.65	-20.83	0.63	-4.55	-1.60	-2.32	-2.57
		199	50.77	28.12	1.09	27.84	1.37	-2.73	0.30	-2.34	0.11	-2.15	-0.69
		276	201.57	-14.66	-108.78	-106.63	-16.81	-14.06	9.37	4.04	9.31	4.10	0.54
		1549	113.76	8.10	-61.76	-61.74	8.07	1.21	1.77	-4.92	-2.47	-0.67	-3.23
1377	2	1093	95.92	47.38	-38.39	12.64	-3.65	-42.10	-1.11	-2.13	-2.08	-1.17	-0.23
		199	95.59	55.30	-2.76	52.65	-0.11	-12.13	0.93	-2.91	0.93	-2.90	-0.13
		276	383.70	-44.92	-318.55	-316.36	-47.12	-24.39	3.28	2.17	2.22	3.24	0.21
		1549	305.31	25.25	-227.12	-227.09	25.22	2.97	-0.51	-1.09	-0.88	-0.71	-0.28
1377	3	1093	33.90	10.05	-8.93	2.10	-0.98	-9.36	0.05	-1.52	-0.67	-0.80	-0.79
		199	22.60	12.24	-5.40e-04	11.99	0.25	-1.73	0.16	-0.95	0.12	-0.91	-0.22
		276	88.96	-7.75	-56.19	-55.43	-8.51	-6.03	3.01	1.50	2.98	1.52	0.18
		1549	55.40	4.31	-35.38	-35.37	4.30	0.59	0.48	-1.57	-0.82	-0.27	-0.99
1377	4	1093	35.83	17.53	-14.32	4.48	-1.28	-15.66	-0.43	-0.83	-0.81	-0.46	-0.09
		199	35.87	20.34	-1.18	19.34	-0.19	-4.52	0.36	-1.13	0.36	-1.13	-0.05
		276	142.96	-16.67	-118.39	-117.57	-17.49	-9.09	1.28	0.86	0.88	1.26	0.08
		1549	113.55	9.39	-84.37	-84.36	9.38	1.11	-0.19	-0.43	-0.35	-0.28	-0.11
1378	1	1094	65.69	17.02	-14.31	3.54	-0.83	-15.51	1.70	-2.25	-0.37	-0.18	-1.97
		1093	62.62	19.91	-9.62	9.56	0.72	-14.09	1.53	-2.23	0.21	-0.91	-1.80
		1549	93.56	-1.02	-63.67	-63.47	-1.23	-3.56	2.34	-2.64	-0.22	-0.08	-2.49
		1550	50.87	0.87	-27.98	-27.77	0.65	-2.47	1.87	-1.89	-0.07	0.05	-1.88
1378	2	1094	69.05	34.60	-27.42	10.45	-3.28	-30.24	-0.27	-0.75	-0.75	-0.28	0.02
		1093	69.20	42.26	-19.15	21.81	1.30	-28.94	0.82	-0.28	0.78	-0.25	0.18
		1549	291.47	-4.09	-230.50	-230.24	-4.35	-7.75	-9.30e-03	-1.09	-0.74	-0.36	-0.51
		1550	202.00	2.61	-159.41	-159.30	2.51	-4.18	0.49	-0.02	0.22	0.25	0.25
1378	3	1094	24.45	7.56	-6.36	1.69	-0.48	-6.88	0.46	-0.72	-0.18	-0.08	-0.59
		1093	23.65	8.98	-4.37	4.28	0.32	-6.37	0.48	-0.64	0.13	-0.30	-0.52
		1549	48.56	-0.60	-36.21	-36.13	-0.67	-1.62	0.69	-0.88	-0.13	-0.06	-0.79
		1550	28.00	0.45	-20.27	-20.22	0.39	-1.06	0.55	-0.52	-3.26e-03	0.04	-0.54
1378	4	1094	25.59	12.77	-10.24	3.73	-1.20	-11.24	-0.11	-0.29	-0.29	-0.11	5.41e-03
		1093	25.71	15.60	-7.20	7.91	0.49	-10.77	0.31	-0.11	0.30	-0.10	0.07
		1549	108.42	-1.50	-85.65	-85.55	-1.60	-2.86	7.79e-04	-0.43	-0.29	-0.14	-0.20
		1550	75.07	0.98	-59.23	-59.19	0.94	-1.57	0.19	-4.16e-03	0.08	0.10	0.09
1379	1	1095	60.70	13.16	-14.57	-1.02	-0.40	-13.86	1.79	-1.99	-0.14	-0.07	-1.89
		1094	62.35	16.10	-13.04	3.52	-0.46	-14.44	1.90	-1.90	0.11	-0.11	-1.89
		1550	52.68	0.34	-27.56	-27.29	0.07	-2.75	1.89	-2.16	-0.19	-0.08	-2.03
		1551	36.10	6.67	-0.86	5.74	0.07	-2.48	1.86	-1.84	9.38e-04	0.02	-1.85
1379	2	1095	58.72	28.21	-24.29	5.50	-1.59	-26.01	-0.01	-0.31	-0.28	-0.04	0.09
		1094	63.22	33.48	-23.60	10.99	-1.11	-27.89	0.33	0.02	0.29	0.06	0.10
		1550	200.87	-0.02	-159.10	-158.94	-0.18	-5.11	-0.14	-0.28	-0.28	-0.14	-0.02
		1551	124.28	0.56	-98.46	-98.30	0.39	-4.05	0.21	-0.02	0.12	0.08	0.11
1379	3	1095	22.13	5.96	-6.18	0.01	-0.23	-6.07	0.51	-0.60	-0.07	-0.02	-0.55



		1094	23.06	7.23	-5.71	1.72	-0.21	-6.40	0.57	-0.54	0.06	-0.03	-0.55
		1550	28.51	0.09	-20.12	-20.05	0.02	-1.17	0.55	-0.66	-0.08	-0.04	-0.60
		1551	13.16	0.25	-5.90	-5.71	0.06	-1.06	0.55	-0.53	0.01	0.01	-0.54
1379	4	1095	21.80	10.43	-9.07	1.95	-0.58	-9.67	-6.47e-03	-0.12	-0.11	-0.02	0.03
		1094	23.47	12.38	-8.84	3.94	-0.40	-10.38	0.13	8.44e-03	0.11	0.02	0.04
		1550	74.69	4.68e-03	-59.12	-59.06	-0.05	-1.87	-0.05	-0.11	-0.11	-0.05	-9.16e-03
		1551	46.21	0.22	-36.60	-36.54	0.16	-1.52	0.08	-4.14e-03	0.04	0.03	0.04
1380	1	1096	56.38	9.24	-15.71	-5.89	-0.58	-12.19	1.66	-1.97	-0.12	-0.19	-1.82
		1095	59.92	12.43	-14.44	-1.37	-0.64	-13.43	1.89	-1.91	0.03	-0.05	-1.90
		1551	36.69	7.19	-0.71	6.28	0.20	-2.52	1.82	-1.95	-0.10	-0.02	-1.88
		1552	56.05	36.59	-0.09	36.45	0.05	-2.28	1.75	-1.84	-0.10	9.83e-03	-1.79
1380	2	1096	49.79	22.21	-22.68	0.90	-1.37	-22.41	0.04	-0.16	-0.13	8.92e-03	0.07
		1095	54.91	26.63	-23.08	5.04	-1.49	-24.64	0.18	0.03	0.12	0.08	0.07
		1551	123.15	0.47	-97.79	-97.59	0.27	-4.34	0.01	-0.15	-0.10	-0.04	0.07
		1552	57.56	0.43	-45.41	-45.14	0.16	-3.47	0.10	-0.02	0.06	0.03	0.06
1380	3	1096	20.27	4.36	-6.35	-1.73	-0.26	-5.30	0.48	-0.59	-0.05	-0.06	-0.53
		1095	21.74	5.65	-6.06	-0.12	-0.29	-5.85	0.57	-0.55	0.02	-7.76e-03	-0.56
		1551	13.40	0.28	-5.69	-5.50	0.09	-1.05	0.53	-0.58	-0.04	-0.01	-0.55
		1552	13.88	7.50	-0.08	7.38	0.04	-0.95	0.52	-0.54	-0.02	5.23e-03	-0.53
1380	4	1096	18.49	8.23	-8.45	0.28	-0.50	-8.33	0.01	-0.06	-0.05	2.61e-03	0.03
		1095	20.41	9.87	-8.63	1.78	-0.54	-9.18	0.07	0.01	0.05	0.03	0.02
		1551	45.80	0.18	-36.34	-36.28	0.11	-1.59	1.95e-03	-0.06	-0.04	-0.02	0.03
		1552	21.43	0.17	-16.90	-16.80	0.07	-1.31	0.04	-6.02e-03	0.02	9.76e-03	0.02
1381	1	1097	50.95	5.74	-17.08	-10.60	-0.73	-10.29	1.43	-1.90	-0.13	-0.33	-1.66
		1096	55.92	8.73	-15.72	-6.23	-0.75	-11.91	1.73	-1.93	-0.03	-0.17	-1.83
		1552	56.15	37.07	0.07	36.92	0.21	-2.28	1.71	-1.87	-0.15	-7.38e-03	-1.79
		1553	84.10	63.44	0.01	63.38	0.08	-1.98	1.55	-1.74	-0.20	6.46e-03	-1.64
1381	2	1097	41.49	16.66	-21.01	-2.96	-1.39	-18.82	0.03	-0.09	-0.07	0.02	0.04
		1096	46.65	20.65	-21.74	0.43	-1.52	-21.17	0.11	0.02	0.06	0.07	0.05
		1552	56.58	0.63	-44.81	-44.51	0.32	-3.72	0.04	-0.09	-0.04	-0.01	0.06
		1553	6.76	2.95	-2.82	-0.02	0.15	-2.89	0.05	-0.01	0.03	0.01	0.03
1381	3	1097	18.11	2.88	-6.56	-3.37	-0.31	-4.46	0.42	-0.56	-0.05	-0.10	-0.49
		1096	19.99	4.10	-6.29	-1.86	-0.33	-5.14	0.51	-0.56	-4.65e-03	-0.05	-0.54
		1552	13.86	7.68	-0.02	7.56	0.10	-0.93	0.50	-0.55	-0.05	-3.49e-03	-0.53
		1553	24.80	18.78	0.01	18.74	0.05	-0.82	0.46	-0.51	-0.06	2.85e-03	-0.48
1381	4	1097	15.41	6.19	-7.81	-1.11	-0.50	-6.99	0.01	-0.03	-0.03	6.36e-03	0.01
		1096	17.35	7.67	-8.11	0.11	-0.55	-7.88	0.04	7.32e-03	0.02	0.03	0.02
		1552	21.07	0.24	-16.67	-16.56	0.13	-1.36	0.01	-0.03	-0.02	-5.52e-03	0.02
		1553	2.54	1.10	-1.08	-0.04	0.07	-1.09	0.02	-4.15e-03	0.01	3.94e-03	0.01
1382	1	1098	44.75	2.97	-18.62	-14.83	-0.82	-8.22	1.13	-1.73	-0.16	-0.44	-1.43
		1097	50.54	5.37	-17.11	-10.90	-0.85	-10.05	1.47	-1.87	-0.09	-0.32	-1.67
		1553	84.69	63.84	0.14	63.78	0.20	-1.97	1.53	-1.75	-0.23	-2.45e-03	-1.64
		1554	111.52	85.81	0.07	85.78	0.10	-1.61	1.28	-1.55	-0.28	4.71e-03	-1.41
1382	2	1098	33.84	11.62	-19.16	-6.12	-1.42	-15.21	0.02	-0.05	-0.04	0.02	0.02
		1097	38.74	15.19	-20.09	-3.37	-1.52	-17.61	0.06	8.70e-03	0.02	0.05	0.03
		1553	7.40	3.53	-2.71	0.51	0.31	-3.12	0.02	-0.05	-0.02	-6.49e-03	0.04
		1554	46.45	37.14	0.03	36.99	0.17	-2.29	0.02	-6.10e-03	0.01	4.98e-03	0.01
1382	3	1098	15.74	1.64	-6.81	-4.83	-0.34	-3.58	0.33	-0.51	-0.05	-0.13	-0.42
		1097	17.84	2.67	-6.52	-3.49	-0.35	-4.32	0.44	-0.55	-0.02	-0.09	-0.49
		1553	24.97	18.93	0.06	18.90	0.10	-0.79	0.45	-0.52	-0.07	-1.32e-03	-0.48
		1554	36.34	28.17	0.04	28.16	0.05	-0.67	0.38	-0.46	-0.08	1.85e-03	-0.42
1382	4	1098	12.56	4.33	-7.10	-2.25	-0.51	-5.65	6.85e-03	-0.02	-0.02	5.28e-03	6.15e-03
		1097	14.41	5.66	-7.48	-1.26	-0.55	-6.56	0.02	4.09e-03	9.40e-03	0.02	8.55e-03
		1553	2.69	1.28	-1.00	0.15	0.13	-1.14	8.08e-03	-0.02	-8.41e-03	-2.51e-03	0.01
		1554	17.20	13.75	0.02	13.70	0.08	-0.87	7.19e-03	-1.72e-03	3.54e-03	1.94e-03	4.38e-03
1383	1	1099	38.52	1.09	-20.16	-18.23	-0.84	-6.10	0.79	-1.49	-0.18	-0.52	-1.13
		1098	44.36	2.70	-18.67	-15.07	-0.90	-8.00	1.15	-1.72	-0.13	-0.43	-1.43
		1554	111.95	86.12	0.16	86.09	0.19	-1.59	1.27	-1.56	-0.29	3.93e-04	-1.41
		1555	133.00	103.18	0.09	103.17	0.11	-1.20	0.96	-1.30	-0.34	1.99e-03	-1.12
1383	2	1099	27.00	7.09	-17.12	-8.59	-1.44	-11.57	8.60e-03	-0.03	-0.03	8.08e-03	4.48e-03
		1098	31.34	10.24	-18.21	-6.45	-1.52	-14.01	0.03	3.94e-03	7.26e-03	0.03	9.44e-03
		1554	47.06	37.59	0.13	37.42	0.30	-2.52	9.65e-03	-0.03	-0.01	-3.25e-03	0.02
		1555	82.30	65.89	0.14	65.85	0.19	-1.69	4.06e-03	-2.85e-03	-1.48e-03	2.69e-03	2.76e-03
1383	3	1099	13.38	0.72	-7.07	-6.00	-0.35	-2.68	0.23	-0.44	-0.06	-0.15	-0.33
		1098	15.47	1.47	-6.77	-4.93	-0.37	-3.44	0.34	-0.51	-0.04	-0.13	-0.42
		1554	36.52	28.29	0.08	28.28	0.09	-0.64	0.37	-0.46	-0.09	-1.80e-04	-0.42
		1555	45.46	35.48	0.05	35.47	0.06	-0.50	0.29	-0.39	-0.10	8.35e-04	-0.33
1383	4	1099	10.02	2.66	-6.33	-3.15	-0.52	-4.29	2.79e-03	-0.01	-0.01	2.68e-03	1.27e-03
		1098	11.65	3.83	-6.76	-2.38	-0.55	-5.22	0.01	1.74e-03	2.60e-03	0.01	2.86e-03
		1554	17.42	13.92	0.06	13.86	0.12	-0.92	2.81e-03	-0.01	-6.16e-03	-1.26e-03	6.05e-03
		1555	30.51	24.43	0.06	24.41	0.08	-0.65	1.19e-03	-1.05e-03	-9.02e-04	1.04e-03	5.65e-04
1384	1	1100	32.97	-0.03	-21.37	-20.59	-0.82	-4.02	0.43	-1.19	-0.19	-0.57	-0.79
		1099	38.20	0.89	-20.21	-18.41	-0.91	-5.90	0.80	-1.49	-0.16	-0.52	-1.13
		1555	133.29	103.39	0.17	103.38	0.18	-1.17	0.96	-1.30	-0.35	3.82e-03	-1.12
		1556	148.11	115.36	0.11	115.35	0.11	-0.78	0.61	-1.00	-0.38	-3.44e-03	-0.78
1384	2	1100	21.16	3.17	-15.00	-10.37	-1.46	-7.92	1.06e-03	-0.02	-0.02	9.87e-04	-1.37e-03
		1099	24.72	5.82	-16.18	-8.84	-1.52	-10.37	0.02	-3.34e-03	-3.34e-03	0.02	-2.86e-04



		1555	82.77	66.22	0.23	66.16	0.28	-1.92	3.35e-04	-0.02	-0.01	-1.60e-03	5.40e-03
		1556	108.11	86.51	0.19	86.49	0.20	-1.09	1.87e-03	-0.01	-9.67e-03	1.50e-03	-2.08e-03
1384	3	1100	11.27	0.12	-7.28	-6.82	-0.34	-1.78	0.13	-0.35	-0.06	-0.17	-0.23
		1099	13.15	0.59	-7.04	-6.07	-0.37	-2.54	0.24	-0.44	-0.05	-0.15	-0.34
		1555	45.58	35.56	0.08	35.55	0.09	-0.47	0.28	-0.39	-0.10	9.86e-04	-0.33
		1556	51.91	40.63	0.06	40.63	0.06	-0.33	0.18	-0.30	-0.11	-8.86e-04	-0.23
1384	4	1100	7.82	1.20	-5.52	-3.79	-0.53	-2.94	1.51e-04	-9.38e-03	-9.32e-03	8.71e-05	-7.79e-04
		1099	9.19	2.20	-5.99	-3.24	-0.55	-3.86	5.90e-03	-1.51e-03	-1.47e-03	5.86e-03	-5.78e-04
		1555	30.68	24.55	0.10	24.53	0.12	-0.69	-1.91e-04	-6.47e-03	-6.04e-03	-6.21e-04	1.58e-03
		1556	40.09	32.08	0.08	32.08	0.09	-0.42	8.19e-04	-4.23e-03	-3.99e-03	5.79e-04	-1.07e-03
1385	1	1101	28.76	-0.60	-22.02	-21.84	-0.78	-1.97	0.06	-0.87	-0.21	-0.60	-0.42
		1100	32.79	-0.17	-21.41	-20.69	-0.90	-3.86	0.43	-1.20	-0.19	-0.58	-0.79
		1556	148.33	115.49	0.17	115.48	0.17	-0.74	0.62	-0.99	-0.39	8.87e-03	-0.78
		1557	156.96	122.44	0.12	122.44	0.12	-0.38	0.25	-0.68	-0.42	-8.82e-03	-0.42
1385	2	1101	16.50	0.10	-13.03	-11.46	-1.47	-4.26	-3.60e-03	-0.02	-0.02	-3.79e-03	-1.77e-03
		1100	19.21	2.08	-14.12	-10.54	-1.51	-6.72	6.18e-03	-0.01	-0.01	5.11e-03	-4.17e-03
		1556	108.40	86.73	0.25	86.71	0.27	-1.32	-6.64e-04	-0.02	-0.02	-6.72e-04	-3.44e-04
		1557	123.65	98.91	0.22	98.91	0.22	-0.49	1.20e-03	-0.02	-0.01	8.17e-04	-2.49e-03
1385	3	1101	9.66	-0.22	-7.37	-7.26	-0.33	-0.90	0.02	-0.26	-0.06	-0.18	-0.12
		1100	11.11	0.03	-7.26	-6.86	-0.37	-1.66	0.13	-0.36	-0.06	-0.17	-0.23
		1556	52.00	40.69	0.08	40.68	0.08	-0.30	0.18	-0.30	-0.12	2.56e-03	-0.23
		1557	55.72	43.66	0.06	43.66	0.06	-0.17	0.07	-0.20	-0.13	-2.54e-03	-0.12
1385	4	1101	6.06	0.05	-4.77	-4.19	-0.53	-1.58	-1.56e-03	-8.00e-03	-7.90e-03	-1.66e-03	-7.87e-04
		1100	7.11	0.80	-5.20	-3.85	-0.55	-2.51	2.24e-03	-4.57e-03	-4.02e-03	1.69e-03	-1.86e-03
		1556	40.20	32.16	0.11	32.16	0.11	-0.47	-2.36e-04	-6.63e-03	-6.60e-03	-2.63e-04	-4.10e-04
		1557	45.86	36.69	0.09	36.69	0.09	-0.20	4.93e-04	-6.13e-03	-5.95e-03	3.13e-04	-1.08e-03
1386	1	1102	28.44	-0.79	-22.17	-22.17	-0.79	0.10	-0.22	-0.63	-0.22	-0.63	-0.03
		1101	28.75	-0.71	-22.04	-21.87	-0.88	-1.88	0.05	-0.90	-0.22	-0.63	-0.43
		1557	157.12	122.50	0.16	122.50	0.16	-0.33	0.26	-0.67	-0.42	0.01	-0.41
		1558	159.74	124.59	0.14	124.59	0.14	-4.41e-03	-3.80e-03	-0.44	-0.44	-6.62e-03	-0.04
1386	2	1102	14.18	-1.45	-11.88	-11.85	-1.48	-0.60	-4.95e-03	-0.02	-0.02	-5.00e-03	7.83e-04
		1101	15.26	-0.64	-12.40	-11.54	-1.50	-3.07	-1.09e-03	-0.02	-0.01	-2.07e-03	-3.61e-03
		1557	123.79	99.02	0.25	99.02	0.25	-0.72	-1.47e-05	-0.02	-0.02	-9.50e-05	-1.19e-03
		1558	128.88	103.09	0.24	103.09	0.24	0.12	3.66e-04	-0.02	-0.02	3.46e-04	-5.85e-04
1386	3	1102	9.35	-0.33	-7.38	-7.38	-0.33	-9.43e-03	-0.07	-0.19	-0.07	-0.19	-8.64e-03
		1101	9.59	-0.27	-7.37	-7.28	-0.36	-0.80	0.01	-0.27	-0.07	-0.19	-0.13
		1557	55.78	43.69	0.08	43.69	0.08	-0.13	0.08	-0.20	-0.13	3.18e-03	-0.12
		1558	56.95	44.61	0.07	44.61	0.07	-0.01	-1.10e-03	-0.13	-0.13	-1.93e-03	-0.01
1386	4	1102	5.18	-0.53	-4.34	-4.33	-0.54	-0.21	-2.08e-03	-6.87e-03	-6.85e-03	-2.09e-03	3.02e-04
		1101	5.61	-0.22	-4.54	-4.22	-0.54	-1.15	-5.56e-04	-6.12e-03	-5.68e-03	-9.94e-04	-1.50e-03
		1557	45.91	36.73	0.10	36.73	0.11	-0.25	7.87e-06	-7.10e-03	-7.05e-03	-4.01e-05	-5.82e-04
		1558	47.80	38.24	0.10	38.24	0.10	0.02	1.38e-04	-6.93e-03	-6.92e-03	1.31e-04	-2.23e-04
1387	1	1103	28.58	-0.61	-22.02	-21.80	-0.83	2.14	-7.74e-03	-0.85	-0.22	-0.64	0.37
		1102	28.42	-0.83	-22.16	-22.16	-0.83	0.12	-0.22	-0.65	-0.23	-0.65	-0.04
		1558	159.78	124.58	0.14	124.58	0.14	0.05	5.30e-03	-0.44	-0.44	3.74e-03	-0.03
		1559	156.52	121.95	0.15	121.95	0.16	0.36	0.20	-0.63	-0.44	3.44e-03	0.35
1387	2	1103	15.26	-0.64	-12.40	-11.54	-1.50	3.07	-1.09e-03	-0.02	-0.01	-2.07e-03	3.61e-03
		1102	14.18	-1.45	-11.88	-11.85	-1.48	0.60	-4.95e-03	-0.02	-0.02	-5.00e-03	-7.83e-04
		1558	128.88	103.09	0.24	103.09	0.24	-0.12	3.66e-04	-0.02	-0.02	3.46e-04	5.85e-04
		1559	123.79	99.02	0.25	99.02	0.25	0.72	-1.47e-05	-0.02	-0.02	-9.50e-05	1.19e-03
1387	3	1103	9.54	-0.24	-7.37	-7.26	-0.35	0.87	-3.07e-03	-0.25	-0.07	-0.19	0.11
		1102	9.35	-0.35	-7.38	-7.38	-0.35	0.07	-0.07	-0.19	-0.07	-0.19	-0.01
		1558	56.96	44.61	0.07	44.61	0.07	0.03	1.59e-03	-0.13	-0.13	1.14e-03	-7.75e-03
		1559	55.60	43.52	0.08	43.52	0.08	0.14	0.06	-0.19	-0.13	1.01e-03	0.10
1387	4	1103	5.61	-0.22	-4.54	-4.22	-0.54	1.15	-5.56e-04	-6.12e-03	-5.68e-03	-9.94e-04	1.50e-03
		1102	5.18	-0.53	-4.34	-4.33	-0.54	0.21	-2.08e-03	-6.87e-03	-6.85e-03	-2.09e-03	-3.02e-04
		1558	47.80	38.24	0.10	38.24	0.10	-0.02	1.38e-04	-6.93e-03	-6.92e-03	1.31e-04	2.23e-04
		1559	45.91	36.73	0.10	36.73	0.11	0.25	7.87e-06	-7.10e-03	-7.05e-03	-4.01e-05	5.82e-04
1388	1	1104	32.78	-0.05	-21.58	-20.77	-0.85	4.09	0.36	-1.17	-0.21	-0.60	0.74
		1103	28.52	-0.55	-21.98	-21.76	-0.77	2.17	-7.76e-03	-0.83	-0.22	-0.62	0.36
		1559	156.37	121.88	0.12	121.87	0.12	0.42	0.20	-0.64	-0.43	-6.29e-03	0.36
		1560	147.32	114.59	0.16	114.59	0.17	0.73	0.56	-0.95	-0.40	0.01	0.73
1388	2	1104	19.21	2.08	-14.12	-10.54	-1.51	6.72	6.18e-03	-0.01	-0.01	5.11e-03	4.17e-03
		1103	16.50	0.10	-13.03	-11.46	-1.47	4.26	-3.60e-03	-0.02	-0.02	-3.79e-03	1.77e-03
		1559	123.65	98.91	0.22	98.91	0.22	0.49	1.20e-03	-0.02	-0.01	8.17e-04	2.49e-03
		1560	108.40	86.73	0.25	86.71	0.27	1.32	-6.64e-04	-0.02	-0.02	-6.72e-04	3.44e-04
1388	3	1104	11.10	0.07	-7.31	-6.88	-0.35	1.73	0.11	-0.35	-0.06	-0.18	0.22
		1103	9.58	-0.20	-7.37	-7.24	-0.33	0.96	-3.65e-03	-0.25	-0.07	-0.18	0.11
		1559	55.55	43.49	0.06	43.49	0.07	0.18	0.06	-0.19	-0.13	-1.79e-03	0.11
		1560	51.70	40.42	0.08	40.42	0.08	0.29	0.17	-0.28	-0.12	3.02e-03	0.22
1388	4	1104	7.11	0.80	-5.20	-3.85	-0.55	2.51	2.24e-03	-4.57e-03	-4.02e-03	1.69e-03	1.86e-03
		1103	6.06	0.05	-4.77	-4.19	-0.53	1.58	-1.56e-03	-8.00e-03	-7.90e-03	-1.66e-03	7.87e-04
		1559	45.86	36.69	0.09	36.69	0.09	0.20	4.93e-04	-6.13e-03	-5.95e-03	3.13e-04	1.08e-03
		1560	40.20	32.16	0.11	32.16	0.11	0.47	-2.36e-04	-6.63e-03	-6.60e-03	-2.63e-04	4.10e-04
1389	1	1105	38.14	0.94	-20.66	-18.86	-0.85	5.96	0.74	-1.46	-0.18	-0.54	1.09
		1104	32.81	0.10	-21.52	-20.68	-0.74	4.18	0.37	-1.15	-0.20	-0.58	0.74
		1560	147.05	114.45	0.10	114.44	0.10	0.78	0.55	-0.96	-0.40	-8.34e-03	0.73



		1561	132.27	102.50	0.16	102.49	0.18	1.12	0.91	-1.26	-0.36	8.34e-03	1.07
1389	2	1105	24.72	5.82	-16.18	-8.84	-1.52	10.37	0.02	-3.34e-03	-3.34e-03	0.02	2.86e-04
		1104	21.16	3.17	-15.00	-10.37	-1.46	7.92	1.06e-03	-0.02	-0.02	9.87e-04	1.37e-03
		1560	108.11	86.51	0.19	86.49	0.20	1.09	1.87e-03	-0.01	-9.67e-03	1.50e-03	2.08e-03
		1561	82.77	66.22	0.23	66.16	0.28	1.92	3.35e-04	-0.02	-0.01	-1.60e-03	-5.40e-03
1389	3	1105	13.12	0.61	-7.17	-6.21	-0.35	2.56	0.22	-0.43	-0.05	-0.16	0.32
		1104	11.22	0.16	-7.32	-6.84	-0.32	1.83	0.11	-0.34	-0.06	-0.17	0.22
		1560	51.60	40.36	0.06	40.36	0.06	0.33	0.16	-0.29	-0.12	-2.34e-03	0.22
		1561	45.28	35.30	0.08	35.29	0.09	0.46	0.27	-0.38	-0.11	2.32e-03	0.32
1389	4	1105	9.19	2.20	-5.99	-3.24	-0.55	3.86	5.90e-03	-1.51e-03	-1.47e-03	5.86e-03	5.78e-04
		1104	7.82	1.20	-5.52	-3.79	-0.53	2.94	1.51e-04	-9.38e-03	-9.32e-03	8.71e-05	7.79e-04
		1560	40.09	32.08	0.08	32.08	0.09	0.42	8.19e-04	-4.23e-03	-3.99e-03	5.79e-04	1.07e-03
		1561	30.68	24.55	0.10	24.53	0.12	0.69	-1.91e-04	-6.47e-03	-6.04e-03	-6.21e-04	-1.58e-03
1390	1	1106	43.97	2.49	-19.26	-15.93	-0.84	7.83	1.10	-1.70	-0.14	-0.46	1.39
		1105	38.36	1.14	-20.60	-18.71	-0.75	6.12	0.74	-1.45	-0.18	-0.53	1.09
		1561	131.94	102.29	0.08	102.28	0.09	1.16	0.91	-1.27	-0.35	-2.66e-03	1.07
		1562	111.48	85.65	0.16	85.63	0.18	1.52	1.23	-1.54	-0.31	2.88e-03	1.37
1390	2	1106	31.34	10.24	-18.21	-6.45	-1.52	14.01	0.03	3.94e-03	7.26e-03	0.03	-9.44e-03
		1105	27.00	7.09	-17.12	-8.59	-1.44	11.57	8.60e-03	-0.03	-0.03	8.08e-03	-4.48e-03
		1561	82.30	65.89	0.14	65.85	0.19	1.69	4.06e-03	-2.85e-03	-1.48e-03	2.69e-03	-2.76e-03
		1562	47.06	37.59	0.13	37.42	0.30	2.52	9.65e-03	-0.03	-0.01	-3.25e-03	-0.02
1390	3	1106	15.35	1.39	-6.93	-5.18	-0.35	3.39	0.33	-0.50	-0.04	-0.13	0.41
		1105	13.32	0.73	-7.19	-6.14	-0.32	2.68	0.22	-0.43	-0.06	-0.16	0.32
		1561	45.14	35.21	0.05	35.21	0.05	0.49	0.27	-0.38	-0.11	-5.43e-04	0.32
		1562	36.38	28.15	0.08	28.14	0.09	0.62	0.36	-0.46	-0.09	5.58e-04	0.41
1390	4	1106	11.65	3.83	-6.76	-2.38	-0.55	5.22	0.01	1.74e-03	2.60e-03	0.01	-2.86e-03
		1105	10.02	2.66	-6.33	-3.15	-0.52	4.29	2.79e-03	-0.01	-0.01	2.68e-03	-1.27e-03
		1561	30.51	24.43	0.06	24.41	0.08	0.65	1.19e-03	-1.05e-03	-9.02e-04	1.04e-03	-5.64e-04
		1562	17.42	13.92	0.06	13.86	0.12	0.92	2.81e-03	-0.01	-6.16e-03	-1.26e-03	-6.05e-03
1391	1	1107	49.91	4.80	-17.64	-12.03	-0.81	9.71	1.43	-1.88	-0.10	-0.35	1.65
		1106	44.34	2.75	-19.21	-15.70	-0.75	8.04	1.08	-1.71	-0.17	-0.46	1.39
		1562	111.06	85.37	0.06	85.34	0.09	1.55	1.24	-1.53	-0.30	3.35e-03	1.38
		1563	85.24	64.12	0.14	64.06	0.19	1.89	1.50	-1.75	-0.25	-1.51e-03	1.62
1391	2	1107	38.74	15.19	-20.09	-3.37	-1.52	17.61	0.06	8.70e-03	0.02	0.05	-0.03
		1106	33.84	11.62	-19.16	-6.12	-1.42	15.21	0.02	-0.05	-0.04	0.02	-0.02
		1562	46.45	37.14	0.03	36.99	0.17	2.29	0.02	-6.10e-03	0.01	4.98e-03	-0.01
		1563	7.40	3.53	-2.71	0.51	0.31	3.12	0.02	-0.05	-0.02	-6.49e-03	-0.04
1391	3	1107	17.64	2.48	-6.65	-3.83	-0.34	4.22	0.42	-0.55	-0.03	-0.10	0.49
		1106	15.60	1.55	-6.96	-5.09	-0.32	3.53	0.32	-0.51	-0.05	-0.14	0.41
		1562	36.20	28.04	0.04	28.02	0.05	0.65	0.37	-0.45	-0.09	1.45e-03	0.41
		1563	25.13	19.01	0.06	18.98	0.09	0.77	0.44	-0.52	-0.08	-1.04e-03	0.48
1391	4	1107	14.41	5.66	-7.48	-1.26	-0.55	6.56	0.02	4.09e-03	9.40e-03	0.02	-8.55e-03
		1106	12.56	4.33	-7.10	-2.25	-0.51	5.65	6.85e-03	-0.02	-0.02	5.28e-03	-6.15e-03
		1562	17.20	13.75	0.02	13.70	0.08	0.87	7.19e-03	-1.72e-03	3.54e-03	1.94e-03	-4.38e-03
		1563	2.69	1.28	-1.00	0.15	0.13	1.14	8.08e-03	-0.02	-8.41e-03	-2.51e-03	-0.01
1392	1	1108	55.32	7.88	-16.05	-7.43	-0.74	11.49	1.70	-1.97	-0.04	-0.22	1.83
		1107	50.33	5.16	-17.59	-11.74	-0.70	9.94	1.39	-1.90	-0.15	-0.36	1.64
		1563	84.66	63.74	0.01	63.69	0.07	1.92	1.52	-1.74	-0.22	7.10e-03	1.62
		1564	57.07	38.22	0.07	38.09	0.20	2.21	1.71	-1.89	-0.18	-7.19e-03	1.80
1392	2	1108	46.65	20.65	-21.74	0.43	-1.52	21.17	0.11	0.02	0.06	0.07	-0.05
		1107	41.49	16.66	-21.01	-2.96	-1.39	18.82	0.03	-0.09	-0.07	0.02	-0.04
		1563	6.76	2.95	-2.82	-0.02	0.15	2.89	0.05	-0.01	0.03	0.01	-0.03
		1564	56.58	0.63	-44.81	-44.51	0.32	3.72	0.04	-0.09	-0.04	-0.01	-0.06
1392	3	1108	19.80	3.83	-6.37	-2.22	-0.32	5.01	0.51	-0.57	-8.40e-03	-0.06	0.54
		1107	17.91	2.68	-6.69	-3.71	-0.30	4.36	0.41	-0.56	-0.05	-0.11	0.48
		1563	24.88	18.87	0.01	18.83	0.05	0.80	0.45	-0.51	-0.06	3.04e-03	0.48
		1564	14.08	8.01	-8.87e-03	7.91	0.10	0.91	0.50	-0.56	-0.06	-3.44e-03	0.53
1392	4	1108	17.35	7.67	-8.11	0.11	-0.55	7.88	0.04	7.32e-03	0.02	0.03	-0.02
		1107	15.41	6.19	-7.81	-1.11	-0.50	6.99	0.01	-0.03	-0.03	6.36e-03	-0.01
		1563	2.54	1.10	-1.08	-0.04	0.07	1.09	0.02	-4.15e-03	0.01	3.94e-03	-0.01
		1564	21.07	0.24	-16.67	-16.56	0.13	1.36	0.01	-0.03	-0.02	-5.52e-03	-0.02
1393	1	1109	59.55	11.45	-14.59	-2.50	-0.64	12.99	1.90	-1.97	0.03	-0.09	1.93
		1108	55.78	8.37	-16.04	-7.10	-0.57	11.76	1.64	-2.01	-0.14	-0.24	1.82
		1564	57.02	37.76	-0.08	37.63	0.05	2.22	1.74	-1.86	-0.13	0.01	1.80
		1565	37.60	9.02	-0.49	8.32	0.20	2.47	1.84	-2.00	-0.13	-0.02	1.92
1393	2	1109	54.91	26.63	-23.08	5.04	-1.49	24.64	0.18	0.03	0.12	0.08	-0.07
		1108	49.79	22.21	-22.68	0.90	-1.37	22.41	0.04	-0.16	-0.13	8.92e-03	-0.07
		1564	57.56	0.43	-45.41	-45.14	0.16	3.47	0.10	-0.02	0.06	0.03	-0.06
		1565	123.15	0.47	-97.79	-97.59	0.27	4.34	0.01	-0.15	-0.10	-0.04	-0.07
1393	3	1109	21.63	5.35	-6.10	-0.46	-0.29	5.72	0.57	-0.57	0.02	-0.02	0.57
		1108	20.08	4.08	-6.43	-2.08	-0.26	5.17	0.47	-0.60	-0.05	-0.07	0.54
		1564	14.12	7.84	-0.07	7.73	0.04	0.94	0.52	-0.54	-0.03	5.59e-03	0.53
		1565	13.15	0.30	-5.10	-4.89	0.09	1.03	0.53	-0.59	-0.05	-0.01	0.56
1393	4	1109	20.41	9.87	-8.63	1.78	-0.54	9.18	0.07	0.01	0.05	0.03	-0.02
		1108	18.49	8.23	-8.45	0.28	-0.50	8.33	0.01	-0.06	-0.05	2.61e-03	-0.03
		1564	21.43	0.17	-16.90	-16.80	0.07	1.31	0.04	-6.02e-03	0.02	9.76e-03	-0.02
		1565	45.80	0.18	-36.34	-36.28	0.11	1.59	1.95e-03	-0.06	-0.04	-0.02	-0.03



1394	1	1110	62.28	15.12	-13.06	2.53	-0.47	14.01	1.94	-1.98	0.11	-0.15	1.95
		1109	60.34	12.16	-14.71	-2.15	-0.40	13.41	1.79	-2.06	-0.16	-0.11	1.92
		1565	37.03	8.50	-0.63	7.80	0.07	2.43	1.88	-1.88	-0.02	0.02	1.88
		1566	51.23	0.37	-24.69	-24.40	0.08	2.70	1.94	-2.24	-0.23	-0.08	2.09
1394	2	1110	63.22	33.48	-23.60	10.99	-1.11	27.89	0.33	0.02	0.29	0.06	-0.10
		1109	58.72	28.21	-24.29	5.50	-1.59	26.01	-0.01	-0.31	-0.28	-0.04	-0.09
		1565	124.28	0.56	-98.46	-98.30	0.39	4.05	0.21	-0.02	0.12	0.08	-0.11
		1566	200.87	-0.02	-159.10	-158.94	-0.18	5.11	-0.14	-0.28	-0.28	-0.14	0.02
1394	3	1110	23.03	6.93	-5.72	1.43	-0.21	6.27	0.58	-0.57	0.06	-0.04	0.57
		1109	22.02	5.66	-6.21	-0.32	-0.23	5.93	0.51	-0.62	-0.07	-0.04	0.56
		1565	12.91	0.26	-5.30	-5.10	0.06	1.04	0.56	-0.54	3.26e-03	0.01	0.55
		1566	27.76	0.09	-19.27	-19.20	0.02	1.16	0.56	-0.69	-0.09	-0.04	0.62
1394	4	1110	23.47	12.38	-8.84	3.94	-0.40	10.38	0.13	8.44e-03	0.11	0.02	-0.04
		1109	21.80	10.43	-9.07	1.95	-0.58	9.67	-6.47e-03	-0.12	-0.11	-0.02	-0.03
		1565	46.21	0.22	-36.60	-36.54	0.16	1.52	0.08	-4.14e-03	0.04	0.03	-0.04
		1566	74.69	4.68e-03	-59.12	-59.06	-0.05	1.87	-0.05	-0.11	-0.11	-0.05	9.16e-03
1395	1	1111	62.87	18.94	-9.63	8.65	0.66	13.71	1.58	-2.35	0.22	-0.99	1.87
		1110	65.71	16.03	-14.27	2.56	-0.80	15.05	1.72	-2.35	-0.40	-0.23	2.04
		1566	49.13	0.85	-25.11	-24.88	0.62	2.43	1.91	-1.96	-0.10	0.05	1.94
		1567	90.77	-0.95	-59.94	-59.73	-1.16	3.48	2.43	-2.77	-0.25	-0.08	2.60
1395	2	1111	69.20	42.26	-19.15	21.81	1.30	28.94	0.82	-0.28	0.78	-0.25	-0.18
		1110	69.05	34.60	-27.42	10.45	-3.28	30.24	-0.27	-0.75	-0.75	-0.28	-0.02
		1566	202.00	2.61	-159.41	-159.30	2.51	4.18	0.49	-0.02	0.22	0.25	-0.25
		1567	291.47	-4.09	-230.50	-230.24	-4.35	7.75	-9.30e-03	-1.09	-0.74	-0.36	0.51
1395	3	1111	23.71	8.69	-4.38	4.01	0.30	6.26	0.50	-0.68	0.14	-0.32	0.54
		1110	24.45	7.27	-6.34	1.40	-0.47	6.74	0.47	-0.75	-0.19	-0.09	0.60
		1566	27.17	0.44	-19.42	-19.36	0.38	1.05	0.57	-0.54	-0.01	0.04	0.55
		1567	47.53	-0.58	-35.10	-35.03	-0.65	1.59	0.72	-0.92	-0.14	-0.06	0.82
1395	4	1111	25.71	15.60	-7.20	7.91	0.49	10.77	0.31	-0.11	0.30	-0.10	-0.07
		1110	25.59	12.77	-10.24	3.73	-1.20	11.24	-0.11	-0.29	-0.29	-0.11	-5.41e-03
		1566	75.07	0.98	-59.23	-59.19	0.94	1.57	0.19	-4.16e-03	0.08	0.10	-0.09
		1567	108.42	-1.50	-85.65	-85.55	-1.60	2.86	7.79e-04	-0.43	-0.29	-0.14	0.20
1396	1	101	50.78	26.80	0.83	26.50	1.14	2.80	0.32	-2.49	0.12	-2.29	0.72
		1111	90.32	21.19	-19.79	3.87	-2.47	20.24	0.61	-4.81	-1.71	-2.49	2.68
		1567	111.77	7.75	-58.09	-58.07	7.73	-1.13	1.84	-5.18	-2.63	-0.71	3.38
		129	199.91	-13.99	-103.97	-101.86	-16.11	13.63	9.87	4.27	9.81	4.34	-0.59
1396	2	101	95.59	55.30	-2.76	52.65	-0.11	12.13	0.93	-2.91	0.93	-2.90	0.13
		1111	95.92	47.38	-38.39	12.64	-3.65	42.10	-1.11	-2.13	-2.08	-1.17	0.23
		1567	305.31	25.25	-227.12	-227.09	25.22	-2.97	-0.51	-1.09	-0.88	-0.71	0.28
		129	383.70	-44.92	-318.55	-316.36	-47.12	24.39	3.28	2.17	2.22	3.24	-0.21
1396	3	101	22.60	11.86	-0.08	11.59	0.18	1.75	0.17	-1.00	0.12	-0.95	0.23
		1111	34.14	9.77	-8.81	1.89	-0.93	9.19	0.05	-1.60	-0.70	-0.85	0.82
		1567	54.59	4.20	-34.29	-34.28	4.19	-0.57	0.50	-1.65	-0.87	-0.28	1.03
		129	88.46	-7.55	-54.76	-54.01	-8.30	5.90	3.15	1.57	3.13	1.59	-0.20
1396	4	101	35.87	20.34	-1.18	19.34	-0.19	4.52	0.36	-1.13	0.36	-1.13	0.05
		1111	35.83	17.53	-14.32	4.48	-1.28	15.66	-0.43	-0.83	-0.81	-0.46	0.09
		1567	113.55	9.39	-84.37	-84.36	9.38	-1.11	-0.19	-0.43	-0.35	-0.28	0.11
		129	142.96	-16.67	-118.39	-117.57	-17.49	9.09	1.28	0.86	0.88	1.26	-0.08
1397	1	1073	38.92	7.69	-9.87	-2.58	0.40	-8.65	-0.09	-2.33	-1.08	-1.34	-1.11
		200	25.77	5.48	-3.07	5.11	-2.71	-1.72	0.08	-1.84	9.98e-03	-1.78	-0.36
		274	86.41	-7.09	-42.81	-41.81	-8.09	-5.88	4.74	2.51	4.68	2.57	0.36
		1568	49.08	4.18	-24.20	-24.15	4.13	1.16	0.63	-2.55	-1.43	-0.50	-1.52
1397	2	1073	90.89	40.22	-41.08	1.64	-2.51	-40.60	-0.66	-1.80	-1.78	-0.68	-0.13
		200	78.54	41.16	-5.33	38.97	-3.13	-9.86	0.80	-2.72	0.79	-2.72	-0.05
		274	320.86	-41.45	-270.82	-268.07	-44.19	-24.94	2.77	1.45	1.46	2.76	0.07
		1568	247.71	23.40	-184.11	-184.04	23.32	3.98	-0.40	-0.80	-0.56	-0.64	-0.19
1397	3	1073	18.54	5.22	-6.05	-0.86	0.02	-5.62	-0.13	-0.83	-0.49	-0.47	-0.35
		200	13.65	4.44	-1.49	4.17	-1.22	-1.24	0.09	-0.80	0.07	-0.78	-0.11
		274	49.80	-5.22	-32.87	-32.38	-5.71	-3.65	1.57	1.00	1.55	1.03	0.12
		1568	32.17	3.00	-20.88	-20.86	2.98	0.67	0.15	-0.84	-0.49	-0.21	-0.48
1397	4	1073	33.98	14.87	-15.32	0.39	-0.84	-15.08	-0.27	-0.70	-0.70	-0.28	-0.06
		200	29.49	15.02	-2.16	14.20	-1.35	-3.66	0.31	-1.06	0.31	-1.06	-0.02
		274	119.35	-15.38	-100.45	-99.42	-16.40	-9.29	1.09	0.59	0.60	1.09	0.03
		1568	91.98	8.70	-68.26	-68.23	8.67	1.50	-0.16	-0.32	-0.23	-0.25	-0.08
1398	1	1072	25.88	4.87	-6.93	-1.52	-0.55	-5.88	0.58	-1.01	-0.29	-0.14	-0.79
		1073	24.75	5.71	-5.82	-0.25	0.14	-5.76	0.62	-0.98	0.18	-0.54	-0.71
		1568	39.69	-0.49	-25.21	-25.13	-0.57	-1.35	0.98	-1.34	-0.28	-0.09	-1.16
		1569	20.53	0.43	-11.90	-11.85	0.38	-0.79	0.74	-0.70	-0.02	0.06	-0.72
1398	2	1072	62.74	28.14	-28.08	3.57	-3.50	-27.89	0.11	-0.61	-0.58	0.08	-0.14
		1073	62.35	33.83	-21.60	11.32	0.92	-27.22	0.85	0.05	0.80	0.10	0.19
		1568	236.56	-3.60	-187.79	-187.52	-3.87	-7.04	7.92e-03	-0.90	-0.54	-0.35	-0.45
		1569	158.75	2.40	-123.52	-123.43	2.31	-3.43	0.44	0.20	0.41	0.22	0.08
1398	3	1072	12.39	3.47	-4.18	-0.29	-0.41	-3.82	0.16	-0.35	-0.14	-0.04	-0.25
		1073	11.71	4.12	-3.41	0.58	0.12	-3.76	0.23	-0.26	0.12	-0.16	-0.20
		1568	28.73	-0.40	-21.47	-21.43	-0.44	-0.90	0.29	-0.49	-0.14	-0.06	-0.39
		1569	16.67	0.31	-12.76	-12.74	0.29	-0.50	0.24	-0.18	0.03	0.04	-0.21
1398	4	1072	23.32	10.38	-10.46	1.21	-1.29	-10.35	0.04	-0.24	-0.23	0.02	-0.05



		1073	23.11	12.46	-8.10	4.01	0.35	-10.12	0.32	0.01	0.31	0.03	0.07
		1568	87.86	-1.32	-69.65	-69.55	-1.42	-2.59	7.00e-03	-0.36	-0.21	-0.14	-0.18
		1569	58.92	0.90	-45.84	-45.80	0.87	-1.29	0.16	0.08	0.15	0.09	0.03
1399	1	1071	22.84	3.85	-6.20	-2.08	-0.27	-4.94	0.66	-0.81	-0.11	-0.05	-0.73
		1072	23.98	4.71	-6.30	-1.37	-0.22	-5.47	0.76	-0.74	0.09	-0.06	-0.75
		1569	22.10	0.10	-11.87	-11.81	0.04	-0.86	0.72	-0.94	-0.15	-0.06	-0.83
		1570	13.38	0.73	-0.97	-0.34	0.10	-0.82	0.73	-0.70	0.01	0.02	-0.71
1399	2	1071	53.91	23.28	-22.94	2.10	-1.77	-23.03	0.29	-0.32	-0.19	0.17	-0.25
		1072	56.99	27.04	-24.11	4.32	-1.39	-25.42	0.46	0.28	0.36	0.38	-0.09
		1569	154.50	0.04	-123.42	-123.27	-0.11	-4.34	0.07	-0.27	-0.07	-0.13	-0.16
		1570	90.66	0.58	-70.84	-70.69	0.44	-3.24	0.38	-0.06	0.24	0.07	-0.21
1399	3	1071	10.78	2.84	-3.54	-0.50	-0.20	-3.18	0.21	-0.26	-0.05	-3.89e-03	-0.24
		1072	11.38	3.37	-3.71	-0.19	-0.15	-3.54	0.26	-0.20	0.06	8.20e-03	-0.23
		1569	17.18	0.04	-12.75	-12.72	0.01	-0.55	0.22	-0.30	-0.06	-0.03	-0.26
		1570	8.21	0.12	-5.47	-5.42	0.07	-0.50	0.25	-0.21	0.02	0.01	-0.23
1399	4	1071	20.00	8.62	-8.53	0.73	-0.65	-8.54	0.11	-0.12	-0.08	0.06	-0.09
		1072	21.19	10.00	-9.00	1.49	-0.50	-9.45	0.17	0.11	0.14	0.14	-0.03
		1569	57.39	0.03	-45.80	-45.75	-0.03	-1.58	0.02	-0.11	-0.03	-0.05	-0.06
		1570	33.70	0.23	-26.32	-26.27	0.17	-1.22	0.14	-0.02	0.09	0.03	-0.08
1400	1	1070	20.80	2.68	-6.16	-3.24	-0.25	-4.16	0.62	-0.78	-0.07	-0.09	-0.70
		1071	22.38	3.58	-6.05	-2.19	-0.28	-4.72	0.75	-0.74	0.03	-0.02	-0.74
		1570	13.68	0.75	-0.85	-0.20	0.10	-0.79	0.69	-0.78	-0.07	-0.02	-0.74
		1571	17.56	9.94	4.62e-03	9.88	0.06	-0.75	0.68	-0.71	-0.04	8.23e-03	-0.69
1400	2	1070	47.01	18.44	-19.75	0.12	-1.42	-19.08	0.36	-0.37	-0.09	0.08	-0.35
		1071	51.09	21.60	-21.49	1.76	-1.65	-21.47	0.50	-0.05	0.18	0.27	-0.27
		1570	88.55	0.47	-70.37	-70.19	0.29	-3.58	0.24	-0.24	0.04	-0.04	-0.24
		1571	34.12	0.47	-26.62	-26.35	0.20	-2.69	0.41	-0.28	0.11	0.02	-0.34
1400	3	1070	9.63	2.13	-3.25	-0.95	-0.17	-2.66	0.21	-0.26	-0.03	-0.02	-0.23
		1071	10.46	2.65	-3.40	-0.56	-0.19	-3.02	0.26	-0.22	0.02	0.01	-0.24
		1570	8.41	0.10	-5.38	-5.34	0.06	-0.47	0.22	-0.25	-0.02	-8.07e-03	-0.24
		1571	4.83	1.10	-0.14	0.91	0.05	-0.44	0.23	-0.23	-2.02e-03	4.65e-03	-0.23
1400	4	1070	17.44	6.85	-7.32	0.04	-0.52	-7.08	0.13	-0.14	-0.04	0.03	-0.13
		1071	19.00	8.01	-8.00	0.61	-0.60	-7.99	0.19	-0.02	0.07	0.10	-0.10
		1570	32.89	0.18	-26.14	-26.08	0.12	-1.30	0.09	-0.09	0.01	-0.01	-0.09
		1571	12.74	0.19	-9.93	-9.83	0.09	-1.02	0.15	-0.10	0.04	9.40e-03	-0.13
1401	1	1069	18.67	1.65	-6.45	-4.55	-0.25	-3.43	0.54	-0.74	-0.07	-0.13	-0.64
		1070	20.44	2.43	-6.06	-3.36	-0.28	-3.96	0.67	-0.75	-5.02e-03	-0.07	-0.71
		1571	17.40	10.07	0.05	10.02	0.10	-0.71	0.65	-0.73	-0.07	-5.04e-03	-0.69
		1572	25.59	18.66	0.03	18.63	0.06	-0.65	0.60	-0.67	-0.08	4.01e-03	-0.63
1401	2	1069	39.99	13.97	-17.04	-1.76	-1.31	-15.50	0.36	-0.43	-0.07	-4.44e-03	-0.39
		1070	44.34	16.77	-18.57	-0.26	-1.54	-17.65	0.49	-0.27	0.08	0.13	-0.38
		1571	34.48	0.65	-26.24	-25.91	0.31	-2.99	0.34	-0.33	0.02	-0.01	-0.33
		1572	16.71	10.50	-0.29	10.04	0.17	-2.17	0.40	-0.37	0.02	0.01	-0.39
1401	3	1069	8.45	1.46	-3.08	-1.46	-0.16	-2.17	0.19	-0.25	-0.03	-0.04	-0.22
		1070	9.36	1.94	-3.14	-1.02	-0.18	-2.51	0.24	-0.24	5.29e-03	-0.01	-0.24
		1571	4.73	1.14	-0.09	0.98	0.06	-0.41	0.22	-0.24	-0.02	-2.58e-03	-0.23
		1572	8.69	6.24	0.02	6.22	0.04	-0.37	0.21	-0.23	-0.02	2.15e-03	-0.22
1401	4	1069	14.83	5.20	-6.30	-0.63	-0.47	-5.75	0.13	-0.16	-0.03	-2.04e-03	-0.14
		1070	16.49	6.24	-6.90	-0.10	-0.56	-6.57	0.18	-0.10	0.03	0.05	-0.14
		1571	12.85	0.25	-9.78	-9.66	0.13	-1.08	0.12	-0.12	5.47e-03	-4.49e-03	-0.12
		1572	6.17	3.85	-0.10	3.67	0.08	-0.82	0.15	-0.14	7.83e-03	4.17e-03	-0.14
1402	1	1068	16.40	0.88	-6.87	-5.75	-0.25	-2.73	0.43	-0.67	-0.07	-0.17	-0.55
		1069	18.29	1.44	-6.37	-4.65	-0.27	-3.23	0.57	-0.72	-0.03	-0.12	-0.64
		1572	25.85	18.77	0.07	18.75	0.09	-0.60	0.58	-0.68	-0.09	-2.08e-03	-0.63
		1573	34.12	25.80	0.05	25.79	0.06	-0.52	0.49	-0.60	-0.11	2.31e-03	-0.54
1402	2	1068	32.80	9.94	-14.56	-3.39	-1.23	-12.20	0.31	-0.45	-0.06	-0.07	-0.38
		1069	37.25	12.38	-15.86	-2.08	-1.41	-14.12	0.43	-0.38	0.02	0.02	-0.41
		1572	17.01	10.96	-0.28	10.40	0.28	-2.45	0.36	-0.39	-0.03	-4.88e-03	-0.38
		1573	49.22	39.09	0.09	39.02	0.17	-1.67	0.36	-0.39	-0.04	5.87e-03	-0.37
1402	3	1068	7.21	0.90	-2.96	-1.91	-0.15	-1.72	0.15	-0.23	-0.03	-0.06	-0.19
		1069	8.17	1.29	-2.98	-1.51	-0.17	-2.03	0.20	-0.24	-7.14e-03	-0.03	-0.22
		1572	8.63	6.30	0.04	6.28	0.06	-0.34	0.20	-0.23	-0.03	-1.08e-03	-0.21
		1573	13.66	10.52	0.03	10.51	0.04	-0.30	0.17	-0.21	-0.04	1.19e-03	-0.19
1402	4	1068	12.16	3.72	-5.37	-1.21	-0.44	-4.53	0.11	-0.17	-0.02	-0.03	-0.14
		1069	13.85	4.63	-5.88	-0.75	-0.51	-5.25	0.16	-0.14	9.02e-03	8.90e-03	-0.15
		1572	6.22	4.01	-0.08	3.81	0.12	-0.89	0.13	-0.15	-9.97e-03	-1.91e-03	-0.14
		1573	18.20	14.45	0.05	14.43	0.07	-0.64	0.13	-0.14	-0.01	2.25e-03	-0.14
1403	1	1067	14.05	0.35	-7.26	-6.66	-0.25	-2.05	0.29	-0.58	-0.08	-0.21	-0.43
		1068	16.03	0.71	-6.81	-5.83	-0.27	-2.53	0.44	-0.66	-0.05	-0.17	-0.55
		1573	34.30	25.89	0.07	25.88	0.08	-0.47	0.48	-0.60	-0.12	-7.65e-04	-0.54
		1574	40.82	31.30	0.05	31.29	0.06	-0.39	0.37	-0.50	-0.14	1.35e-03	-0.43
1403	2	1067	25.56	6.37	-12.22	-4.69	-1.16	-9.13	0.22	-0.42	-0.07	-0.13	-0.32
		1068	30.02	8.43	-13.36	-3.63	-1.30	-10.84	0.35	-0.42	-0.01	-0.06	-0.39
		1573	49.58	39.39	0.16	39.29	0.26	-1.94	0.33	-0.40	-0.06	-2.26e-03	-0.36
		1574	77.04	61.07	0.14	61.05	0.17	-1.20	0.28	-0.36	-0.08	3.52e-03	-0.32
1403	3	1067	5.93	0.46	-2.87	-2.27	-0.15	-1.29	0.10	-0.20	-0.03	-0.07	-0.15
		1068	6.93	0.75	-2.87	-1.95	-0.17	-1.57	0.16	-0.23	-0.02	-0.05	-0.19



		1573	13.76	10.56	0.05	10.55	0.06	-0.26	0.17	-0.21	-0.04	-4.46e-04	-0.19
		1574	17.76	13.79	0.04	13.79	0.04	-0.22	0.13	-0.17	-0.05	6.99e-04	-0.15
1403	4	1067	9.46	2.39	-4.49	-1.68	-0.42	-3.38	0.08	-0.15	-0.02	-0.05	-0.12
		1068	11.16	3.17	-4.94	-1.30	-0.47	-4.03	0.13	-0.16	-5.15e-03	-0.02	-0.14
		1573	18.33	14.56	0.07	14.53	0.11	-0.70	0.12	-0.15	-0.02	-8.90e-04	-0.14
		1574	28.52	22.61	0.07	22.60	0.07	-0.47	0.10	-0.13	-0.03	1.34e-03	-0.12
1404	1	1066	11.77	0.02	-7.46	-7.20	-0.25	-1.38	0.15	-0.46	-0.08	-0.23	-0.30
		1067	13.72	0.23	-7.20	-6.71	-0.27	-1.86	0.30	-0.57	-0.07	-0.20	-0.43
		1574	40.95	31.36	0.07	31.35	0.08	-0.34	0.36	-0.50	-0.14	2.53e-04	-0.43
		1575	45.51	35.11	0.06	35.11	0.06	-0.25	0.23	-0.38	-0.16	5.99e-04	-0.29
1404	2	1066	18.45	3.24	-10.00	-5.64	-1.12	-6.22	0.11	-0.35	-0.07	-0.17	-0.23
		1067	22.82	4.94	-11.02	-4.87	-1.22	-7.77	0.25	-0.41	-0.04	-0.12	-0.33
		1574	77.34	61.29	0.20	61.25	0.23	-1.46	0.26	-0.36	-0.10	-8.72e-04	-0.31
		1575	96.62	76.52	0.16	76.51	0.17	-0.75	0.18	-0.29	-0.11	2.26e-03	-0.23
1404	3	1066	4.70	0.14	-2.78	-2.49	-0.15	-0.87	0.05	-0.16	-0.03	-0.08	-0.10
		1067	5.67	0.34	-2.79	-2.29	-0.16	-1.14	0.11	-0.20	-0.02	-0.07	-0.15
		1574	17.82	13.82	0.05	13.82	0.05	-0.19	0.13	-0.18	-0.05	-1.62e-05	-0.15
		1575	20.63	16.08	0.04	16.08	0.04	-0.15	0.08	-0.13	-0.05	3.65e-04	-0.10
1404	4	1066	6.81	1.23	-3.66	-2.03	-0.40	-2.30	0.04	-0.13	-0.03	-0.06	-0.08
		1067	8.48	1.87	-4.06	-1.75	-0.44	-2.90	0.09	-0.15	-0.01	-0.04	-0.12
		1574	28.63	22.69	0.09	22.68	0.10	-0.52	0.10	-0.13	-0.04	-3.50e-04	-0.11
		1575	35.79	28.35	0.07	28.35	0.08	-0.30	0.07	-0.11	-0.04	8.57e-04	-0.08
1405	1	1065	9.88	-0.18	-7.46	-7.39	-0.25	-0.71	2.39e-03	-0.33	-0.09	-0.24	-0.15
		1066	11.50	-0.06	-7.42	-7.22	-0.26	-1.19	0.15	-0.46	-0.08	-0.23	-0.30
		1575	45.59	35.14	0.07	35.14	0.08	-0.20	0.22	-0.38	-0.16	1.04e-03	-0.29
		1576	48.17	37.26	0.07	37.26	0.07	-0.12	0.09	-0.26	-0.17	1.61e-05	-0.15
1405	2	1065	11.91	0.62	-7.93	-6.22	-1.09	-3.42	5.23e-04	-0.26	-0.07	-0.19	-0.12
		1066	15.85	1.93	-8.83	-5.76	-1.15	-4.86	0.13	-0.35	-0.06	-0.16	-0.23
		1575	96.80	76.66	0.20	76.65	0.21	-1.00	0.17	-0.29	-0.12	-3.05e-05	-0.22
		1576	108.24	85.69	0.18	85.69	0.18	-0.30	0.07	-0.20	-0.13	1.52e-03	-0.12
1405	3	1065	3.66	-0.06	-2.67	-2.59	-0.14	-0.46	5.80e-04	-0.12	-0.03	-0.09	-0.05
		1066	4.47	0.05	-2.71	-2.50	-0.15	-0.73	0.05	-0.16	-0.03	-0.08	-0.11
		1575	20.67	16.10	0.05	16.10	0.05	-0.11	0.08	-0.14	-0.06	2.94e-04	-0.10
		1576	22.30	17.40	0.05	17.40	0.05	-0.08	0.03	-0.09	-0.06	1.27e-04	-0.05
1405	4	1065	4.36	0.25	-2.88	-2.24	-0.39	-1.26	2.89e-05	-0.10	-0.03	-0.07	-0.04
		1066	5.87	0.75	-3.24	-2.07	-0.42	-1.82	0.05	-0.13	-0.02	-0.06	-0.09
		1575	35.86	28.40	0.09	28.39	0.09	-0.35	0.06	-0.11	-0.04	-2.42e-05	-0.08
		1576	40.10	31.75	0.08	31.75	0.08	-0.13	0.03	-0.07	-0.05	5.72e-04	-0.04
1406	1	1064	9.50	-0.24	-7.35	-7.35	-0.24	-0.04	-0.09	-0.25	-0.09	-0.25	2.82e-03
		1065	9.73	-0.22	-7.43	-7.40	-0.25	-0.52	3.85e-03	-0.34	-0.09	-0.24	-0.15
		1576	48.20	37.27	0.07	37.27	0.07	-0.07	0.09	-0.26	-0.17	1.20e-03	-0.15
		1577	48.87	37.83	0.07	37.83	0.07	-1.06e-03	-5.08e-05	-0.17	-0.17	-5.37e-05	7.09e-04
1406	2	1064	7.78	-1.01	-6.52	-6.43	-1.09	-0.68	-0.07	-0.20	-0.07	-0.20	2.58e-03
		1065	9.85	-0.39	-7.00	-6.28	-1.11	-2.07	0.01	-0.27	-0.07	-0.19	-0.12
		1576	108.33	85.76	0.19	85.76	0.20	-0.56	0.07	-0.20	-0.13	5.37e-04	-0.12
		1577	112.11	88.76	0.19	88.75	0.19	0.13	1.04e-03	-0.14	-0.14	1.00e-03	-2.33e-03
1406	3	1064	3.30	-0.14	-2.59	-2.59	-0.14	-0.05	-0.03	-0.09	-0.03	-0.09	1.02e-03
		1065	3.52	-0.11	-2.63	-2.59	-0.15	-0.32	1.79e-03	-0.12	-0.03	-0.09	-0.05
		1576	22.32	17.41	0.05	17.41	0.05	-0.04	0.03	-0.09	-0.06	3.91e-04	-0.05
		1577	22.80	17.80	0.05	17.80	0.05	-0.01	6.05e-05	-0.06	-0.06	6.05e-05	4.10e-05
1406	4	1064	2.80	-0.36	-2.35	-2.32	-0.39	-0.24	-0.03	-0.07	-0.03	-0.07	9.54e-04
		1065	3.61	-0.12	-2.54	-2.26	-0.40	-0.78	3.61e-03	-0.10	-0.02	-0.07	-0.05
		1576	40.13	31.78	0.09	31.78	0.09	-0.19	0.02	-0.07	-0.05	1.94e-04	-0.04
		1577	41.54	32.89	0.08	32.89	0.08	0.03	3.88e-04	-0.05	-0.05	3.74e-04	-8.60e-04
1407	1	1063	9.58	-0.19	-7.21	-7.16	-0.24	0.63	7.42e-03	-0.34	-0.09	-0.24	0.15
		1064	9.50	-0.24	-7.34	-7.34	-0.24	0.14	-0.09	-0.25	-0.09	-0.25	1.27e-03
		1577	48.86	37.82	0.07	37.82	0.07	0.05	7.27e-04	-0.17	-0.17	6.92e-04	2.48e-03
		1578	47.70	36.88	0.07	36.88	0.07	0.11	0.09	-0.26	-0.17	4.51e-04	0.15
1407	2	1063	9.85	-0.39	-7.00	-6.28	-1.11	2.07	0.01	-0.27	-0.07	-0.19	0.12
		1064	7.78	-1.01	-6.52	-6.43	-1.09	0.68	-0.07	-0.20	-0.07	-0.20	-2.58e-03
		1577	112.11	88.76	0.19	88.75	0.19	-0.13	1.04e-03	-0.14	-0.14	1.00e-03	2.33e-03
		1578	108.33	85.76	0.19	85.76	0.20	0.56	0.07	-0.20	-0.13	5.37e-04	0.12
1407	3	1063	3.48	-0.09	-2.57	-2.52	-0.14	0.35	2.85e-03	-0.12	-0.03	-0.09	0.05
		1064	3.30	-0.14	-2.59	-2.58	-0.14	0.09	-0.03	-0.09	-0.03	-0.09	1.89e-04
		1577	22.80	17.80	0.05	17.80	0.05	0.03	2.94e-04	-0.06	-0.06	2.81e-04	9.04e-04
		1578	22.17	17.29	0.05	17.29	0.05	0.05	0.03	-0.09	-0.06	1.69e-04	0.05
1407	4	1063	3.61	-0.12	-2.54	-2.26	-0.40	0.78	3.61e-03	-0.10	-0.02	-0.07	0.05
		1064	2.80	-0.36	-2.35	-2.32	-0.39	0.24	-0.03	-0.07	-0.03	-0.07	-9.54e-04
		1577	41.54	32.89	0.08	32.89	0.08	-0.03	3.88e-04	-0.05	-0.05	3.74e-04	8.60e-04
		1578	40.13	31.78	0.09	31.78	0.09	0.19	0.02	-0.07	-0.05	1.94e-04	0.04
1408	1	1062	11.32	-5.65e-03	-7.08	-6.84	-0.25	1.29	0.15	-0.46	-0.08	-0.23	0.30
		1063	9.74	-0.14	-7.23	-7.14	-0.24	0.81	4.55e-03	-0.34	-0.09	-0.24	0.15
		1578	47.66	36.85	0.07	36.85	0.07	0.16	0.09	-0.26	-0.17	1.88e-04	0.15
		1579	44.70	34.43	0.07	34.43	0.08	0.22	0.22	-0.38	-0.16	8.94e-04	0.29
1408	2	1062	15.85	1.93	-8.83	-5.76	-1.15	4.86	0.13	-0.35	-0.06	-0.16	0.23
		1063	11.91	0.62	-7.93	-6.22	-1.09	3.42	5.23e-04	-0.26	-0.07	-0.19	0.12
		1578	108.24	85.69	0.18	85.69	0.18	0.30	0.07	-0.20	-0.13	1.52e-03	0.12



		1579	96.80	76.66	0.20	76.65	0.21	1.00	0.17	-0.29	-0.12	-3.05e-05	0.22
1408	3	1062	4.44	0.08	-2.62	-2.39	-0.15	0.76	0.06	-0.16	-0.03	-0.08	0.11
		1063	3.63	-0.04	-2.61	-2.51	-0.14	0.49	1.22e-03	-0.12	-0.03	-0.09	0.05
		1578	22.15	17.28	0.05	17.28	0.05	0.09	0.03	-0.09	-0.06	1.78e-04	0.05
		1579	20.41	15.89	0.05	15.89	0.05	0.12	0.08	-0.14	-0.06	2.50e-04	0.10
1408	4	1062	5.87	0.75	-3.24	-2.07	-0.42	1.82	0.05	-0.13	-0.02	-0.06	0.09
		1063	4.36	0.25	-2.88	-2.24	-0.39	1.26	2.88e-05	-0.10	-0.03	-0.07	0.04
		1578	40.10	31.75	0.08	31.75	0.08	0.13	0.03	-0.07	-0.05	5.72e-04	0.04
		1579	35.86	28.40	0.09	28.39	0.09	0.35	0.06	-0.11	-0.04	-2.42e-05	0.08
1409	1	1061	13.58	0.31	-6.90	-6.34	-0.25	1.93	0.30	-0.57	-0.07	-0.20	0.43
		1062	11.58	0.08	-7.13	-6.81	-0.23	1.47	0.15	-0.46	-0.09	-0.23	0.30
		1579	44.62	34.39	0.06	34.39	0.06	0.27	0.23	-0.38	-0.16	3.36e-04	0.29
		1580	39.87	30.48	0.07	30.48	0.08	0.34	0.36	-0.50	-0.14	5.84e-04	0.42
1409	2	1061	22.82	4.94	-11.02	-4.87	-1.22	7.77	0.25	-0.41	-0.04	-0.12	0.33
		1062	18.45	3.24	-10.00	-5.64	-1.12	6.22	0.11	-0.35	-0.07	-0.17	0.23
		1579	96.62	76.52	0.16	76.51	0.17	0.75	0.18	-0.29	-0.11	2.26e-03	0.23
		1580	77.34	61.29	0.20	61.25	0.23	1.46	0.26	-0.36	-0.10	-8.72e-04	0.31
1409	3	1061	5.65	0.38	-2.71	-2.18	-0.15	1.17	0.11	-0.20	-0.02	-0.07	0.15
		1062	4.66	0.17	-2.69	-2.37	-0.14	0.90	0.05	-0.16	-0.03	-0.08	0.10
		1579	20.37	15.87	0.04	15.86	0.04	0.16	0.08	-0.14	-0.06	2.87e-04	0.10
		1580	17.50	13.56	0.05	13.56	0.05	0.19	0.13	-0.18	-0.05	8.18e-05	0.15
1409	4	1061	8.48	1.87	-4.06	-1.75	-0.44	2.90	0.09	-0.15	-0.01	-0.04	0.12
		1062	6.81	1.23	-3.66	-2.03	-0.40	2.30	0.04	-0.13	-0.03	-0.06	0.08
		1579	35.79	28.35	0.07	28.35	0.08	0.30	0.07	-0.11	-0.04	8.57e-04	0.08
		1580	28.63	22.69	0.09	22.68	0.10	0.52	0.10	-0.13	-0.04	-3.50e-04	0.11
1410	1	1060	15.93	0.78	-6.62	-5.58	-0.25	2.57	0.44	-0.66	-0.05	-0.16	0.55
		1061	13.92	0.44	-6.96	-6.29	-0.23	2.12	0.29	-0.58	-0.08	-0.20	0.43
		1580	39.74	30.42	0.05	30.41	0.06	0.39	0.36	-0.50	-0.14	1.12e-03	0.43
		1581	33.22	24.99	0.07	24.98	0.08	0.46	0.48	-0.60	-0.12	-5.03e-04	0.54
1410	2	1060	30.02	8.43	-13.36	-3.63	-1.30	10.84	0.35	-0.42	-0.01	-0.06	0.39
		1061	25.56	6.37	-12.22	-4.69	-1.16	9.13	0.22	-0.42	-0.07	-0.13	0.32
		1580	77.04	61.07	0.14	61.05	0.17	1.20	0.28	-0.36	-0.08	3.52e-03	0.32
		1581	49.58	39.39	0.16	39.29	0.26	1.94	0.33	-0.40	-0.06	-2.26e-03	0.36
1410	3	1060	6.90	0.78	-2.82	-1.88	-0.16	1.58	0.16	-0.23	-0.02	-0.05	0.19
		1061	5.91	0.50	-2.80	-2.16	-0.14	1.31	0.10	-0.20	-0.03	-0.07	0.15
		1580	17.43	13.53	0.04	13.53	0.04	0.22	0.13	-0.17	-0.05	6.30e-04	0.15
		1581	13.43	10.29	0.05	10.29	0.06	0.26	0.17	-0.21	-0.04	-3.69e-04	0.19
1410	4	1060	11.16	3.17	-4.94	-1.30	-0.47	4.03	0.13	-0.16	-5.15e-03	-0.02	0.14
		1061	9.46	2.39	-4.49	-1.68	-0.42	3.38	0.08	-0.15	-0.02	-0.05	0.12
		1580	28.52	22.61	0.07	22.60	0.07	0.47	0.10	-0.13	-0.03	1.34e-03	0.12
		1581	18.33	14.56	0.07	14.53	0.11	0.70	0.12	-0.15	-0.02	-8.90e-04	0.14
1411	1	1059	18.15	1.46	-6.29	-4.59	-0.25	3.21	0.57	-0.71	-0.03	-0.12	0.64
		1060	16.30	0.95	-6.69	-5.51	-0.23	2.76	0.42	-0.67	-0.07	-0.17	0.54
		1581	33.03	24.91	0.04	24.90	0.05	0.51	0.49	-0.60	-0.11	2.28e-03	0.54
		1582	24.93	17.98	0.07	17.96	0.09	0.57	0.58	-0.68	-0.10	-2.16e-03	0.62
1411	2	1059	37.25	12.38	-15.86	-2.08	-1.41	14.12	0.43	-0.38	0.02	0.02	0.41
		1060	32.80	9.94	-14.56	-3.39	-1.23	12.20	0.31	-0.45	-0.06	-0.07	0.38
		1581	49.22	39.09	0.09	39.02	0.17	1.67	0.36	-0.39	-0.04	5.87e-03	0.37
		1582	17.01	10.96	-0.28	10.40	0.28	2.45	0.36	-0.39	-0.03	-4.88e-03	0.38
1411	3	1059	8.13	1.30	-2.96	-1.49	-0.17	2.02	0.20	-0.24	-7.10e-03	-0.03	0.22
		1060	7.18	0.93	-2.92	-1.84	-0.15	1.73	0.15	-0.23	-0.03	-0.06	0.19
		1581	13.33	10.25	0.03	10.24	0.04	0.30	0.17	-0.21	-0.04	1.19e-03	0.19
		1582	8.36	6.07	0.04	6.05	0.06	0.33	0.20	-0.23	-0.03	-1.10e-03	0.21
1411	4	1059	13.85	4.63	-5.88	-0.75	-0.51	5.25	0.16	-0.14	9.02e-03	8.90e-03	0.15
		1060	12.16	3.72	-5.37	-1.21	-0.44	4.53	0.11	-0.17	-0.02	-0.03	0.14
		1581	18.20	14.45	0.05	14.43	0.07	0.64	0.13	-0.14	-0.01	2.25e-03	0.14
		1582	6.22	4.01	-0.08	3.81	0.12	0.89	0.13	-0.15	-9.97e-03	-1.91e-03	0.14
1412	1	1058	20.19	2.33	-6.07	-3.48	-0.25	3.88	0.67	-0.74	-3.41e-03	-0.07	0.70
		1059	18.52	1.66	-6.37	-4.49	-0.22	3.40	0.53	-0.73	-0.07	-0.13	0.63
		1582	24.66	17.88	0.03	17.85	0.05	0.62	0.59	-0.66	-0.08	4.18e-03	0.63
		1583	16.81	9.53	0.04	9.48	0.09	0.67	0.65	-0.73	-0.07	-5.47e-03	0.69
1412	2	1058	44.34	16.77	-18.57	-0.26	-1.54	17.65	0.49	-0.27	0.08	0.13	0.38
		1059	39.99	13.97	-17.04	-1.76	-1.31	15.50	0.36	-0.43	-0.07	-4.44e-03	0.39
		1582	16.71	10.50	-0.29	10.04	0.17	2.17	0.40	-0.37	0.02	0.01	0.39
		1583	34.48	0.65	-26.24	-25.91	0.31	2.99	0.34	-0.33	0.02	-0.01	0.33
1412	3	1058	9.29	1.91	-3.14	-1.06	-0.18	2.49	0.23	-0.24	5.76e-03	-9.55e-03	0.24
		1059	8.41	1.47	-3.05	-1.44	-0.15	2.17	0.18	-0.25	-0.03	-0.04	0.22
		1582	8.42	6.01	0.02	5.99	0.04	0.37	0.21	-0.22	-0.02	2.20e-03	0.21
		1583	4.64	0.99	-0.11	0.82	0.06	0.40	0.22	-0.24	-0.02	-2.71e-03	0.23
1412	4	1058	16.49	6.24	-6.90	-0.10	-0.56	6.57	0.18	-0.10	0.03	0.05	0.14
		1059	14.83	5.20	-6.30	-0.63	-0.47	5.75	0.13	-0.16	-0.03	-2.04e-03	0.14
		1582	6.17	3.85	-0.10	3.67	0.08	0.82	0.15	-0.14	7.83e-03	4.17e-03	0.14
		1583	12.85	0.25	-9.78	-9.66	0.13	1.08	0.12	-0.12	5.47e-03	-4.49e-03	0.12
1413	1	1057	22.01	3.34	-6.10	-2.51	-0.25	4.58	0.74	-0.73	0.03	-0.02	0.73
		1058	20.55	2.57	-6.17	-3.37	-0.22	4.07	0.61	-0.77	-0.07	-0.08	0.69
		1583	16.99	9.41	4.87e-03	9.35	0.06	0.71	0.67	-0.70	-0.03	8.81e-03	0.69
		1584	13.49	0.64	-0.91	-0.37	0.09	0.74	0.69	-0.77	-0.07	-0.02	0.73



1413	2	1057	51.09	21.60	-21.49	1.76	-1.65	21.47	0.50	-0.05	0.18	0.27	0.27
		1058	47.01	18.44	-19.75	0.12	-1.42	19.08	0.36	-0.37	-0.09	0.08	0.35
		1583	34.12	0.47	-26.62	-26.35	0.20	2.69	0.41	-0.28	0.11	0.02	0.34
		1584	88.55	0.47	-70.37	-70.19	0.29	3.58	0.24	-0.24	0.04	-0.04	0.24
1413	3	1057	10.35	2.57	-3.41	-0.66	-0.18	2.98	0.26	-0.22	0.03	0.01	0.24
		1058	9.55	2.09	-3.24	-0.99	-0.16	2.63	0.21	-0.26	-0.03	-0.02	0.23
		1583	4.74	0.96	-0.16	0.75	0.05	0.43	0.23	-0.23	-1.48e-03	4.82e-03	0.23
		1584	8.44	0.10	-5.43	-5.39	0.06	0.46	0.22	-0.25	-0.02	-8.43e-03	0.23
1413	4	1057	19.00	8.01	-8.00	0.61	-0.60	7.99	0.19	-0.02	0.07	0.10	0.10
		1058	17.44	6.85	-7.32	0.04	-0.52	7.08	0.13	-0.14	-0.04	0.03	0.13
		1583	12.74	0.19	-9.93	-9.83	0.09	1.02	0.15	-0.10	0.04	9.40e-03	0.13
		1584	32.89	0.18	-26.14	-26.08	0.12	1.30	0.09	-0.09	0.01	-0.01	0.09
1414	1	1056	23.53	4.32	-6.41	-1.89	-0.20	5.30	0.76	-0.73	0.09	-0.07	0.74
		1057	22.48	3.59	-6.25	-2.40	-0.26	4.80	0.64	-0.81	-0.11	-0.05	0.73
		1584	13.17	0.63	-1.04	-0.50	0.10	0.78	0.73	-0.69	0.01	0.02	0.71
		1585	21.80	0.09	-11.55	-11.50	0.03	0.81	0.72	-0.94	-0.16	-0.06	0.83
1414	2	1056	56.99	27.04	-24.11	4.32	-1.39	25.42	0.46	0.28	0.36	0.38	0.09
		1057	53.91	23.28	-22.94	2.10	-1.77	23.03	0.29	-0.32	-0.19	0.17	0.25
		1584	90.66	0.58	-70.84	-70.69	0.44	3.24	0.38	-0.06	0.24	0.07	0.21
		1585	154.50	0.04	-123.42	-123.27	-0.11	4.34	0.07	-0.27	-0.07	-0.13	0.16
1414	3	1056	11.24	3.24	-3.74	-0.34	-0.15	3.49	0.26	-0.20	0.06	6.84e-03	0.23
		1057	10.66	2.75	-3.55	-0.60	-0.20	3.14	0.21	-0.26	-0.05	-4.63e-03	0.23
		1584	8.21	0.12	-5.51	-5.47	0.07	0.49	0.24	-0.21	0.02	0.01	0.22
		1585	17.09	0.04	-12.65	-12.63	0.01	0.54	0.22	-0.31	-0.06	-0.03	0.26
1414	4	1056	21.19	10.00	-9.00	1.49	-0.50	9.45	0.17	0.11	0.14	0.14	0.03
		1057	20.00	8.62	-8.53	0.73	-0.65	8.54	0.11	-0.12	-0.08	0.06	0.09
		1584	33.70	0.23	-26.32	-26.27	0.17	1.22	0.14	-0.02	0.09	0.03	0.08
		1585	57.39	0.03	-45.80	-45.75	-0.03	1.58	0.02	-0.11	-0.03	-0.05	0.06
1415	1	1055	24.28	5.20	-6.02	-0.96	0.14	5.58	0.62	-1.00	0.19	-0.57	0.71
		1056	25.54	4.45	-7.03	-2.04	-0.54	5.69	0.56	-1.03	-0.31	-0.16	0.79
		1585	20.09	0.42	-11.57	-11.52	0.37	0.74	0.73	-0.69	-0.02	0.06	0.71
		1586	39.10	-0.49	-24.35	-24.28	-0.56	1.29	0.98	-1.38	-0.30	-0.10	1.17
1415	2	1055	62.35	33.83	-21.60	11.32	0.92	27.22	0.85	0.05	0.80	0.10	-0.19
		1056	62.74	28.14	-28.08	3.57	-3.50	27.89	0.11	-0.61	-0.58	0.08	0.14
		1585	158.75	2.40	-123.52	-123.43	2.31	3.43	0.44	0.20	0.41	0.22	-0.08
		1586	236.56	-3.60	-187.79	-187.52	-3.87	7.04	7.92e-03	-0.90	-0.54	-0.35	0.45
1415	3	1055	11.56	3.95	-3.46	0.37	0.12	3.71	0.23	-0.27	0.13	-0.17	0.20
		1056	12.27	3.34	-4.20	-0.45	-0.41	3.77	0.15	-0.35	-0.15	-0.05	0.25
		1585	16.54	0.31	-12.67	-12.65	0.29	0.49	0.24	-0.17	0.03	0.04	0.20
		1586	28.51	-0.40	-21.22	-21.18	-0.44	0.88	0.29	-0.50	-0.14	-0.06	0.39
1415	4	1055	23.11	12.46	-8.10	4.01	0.35	10.12	0.32	0.01	0.31	0.03	-0.07
		1056	23.32	10.38	-10.46	1.21	-1.29	10.35	0.04	-0.24	-0.23	0.02	0.05
		1585	58.92	0.90	-45.84	-45.80	0.87	1.29	0.16	0.08	0.15	0.09	-0.03
		1586	87.86	-1.32	-69.65	-69.55	-1.42	2.59	7.00e-03	-0.36	-0.21	-0.14	0.18
1416	1	102	26.23	4.44	-3.37	4.08	-3.00	1.65	0.09	-1.95	0.02	-1.88	0.37
		1055	38.96	7.27	-10.00	-3.28	0.55	8.42	-0.14	-2.40	-1.14	-1.40	1.12
		1586	48.52	4.14	-23.34	-23.29	4.08	-1.22	0.61	-2.61	-1.48	-0.52	1.54
		126	85.65	-6.98	-41.36	-40.36	-7.99	5.79	4.86	2.62	4.80	2.69	-0.38
1416	2	102	78.54	41.16	-5.33	38.97	-3.13	9.86	0.80	-2.72	0.79	-2.72	0.05
		1055	90.89	40.22	-41.08	1.64	-2.51	40.60	-0.66	-1.80	-1.78	-0.68	0.13
		1586	247.71	23.40	-184.11	-184.04	23.32	-3.98	-0.40	-0.80	-0.56	-0.64	0.19
		126	320.86	-41.45	-270.82	-268.07	-44.19	24.94	2.77	1.45	1.46	2.76	-0.07
1416	3	102	13.73	4.13	-1.58	3.86	-1.31	1.22	0.09	-0.83	0.08	-0.81	0.12
		1055	18.54	5.08	-6.08	-1.07	0.07	5.55	-0.15	-0.85	-0.51	-0.49	0.35
		1586	31.96	2.99	-20.62	-20.60	2.97	-0.68	0.15	-0.86	-0.50	-0.22	0.48
		126	49.55	-5.19	-32.44	-31.95	-5.68	3.62	1.61	1.04	1.58	1.06	-0.12
1416	4	102	29.49	15.02	-2.16	14.20	-1.35	3.66	0.31	-1.06	0.31	-1.06	0.02
		1055	33.98	14.87	-15.32	0.39	-0.84	15.08	-0.27	-0.70	-0.70	-0.28	0.06
		1586	91.98	8.70	-68.26	-68.23	8.67	-1.50	-0.16	-0.32	-0.23	-0.25	0.08
		126	119.35	-15.38	-100.45	-99.42	-16.40	9.29	1.09	0.59	0.60	1.09	-0.03
1417	1	191	63.96	66.99	13.43	15.50	64.92	-10.35	0.60	-0.11	0.18	0.31	-0.35
		1690	37.98	41.08	8.00	12.18	36.90	-10.98	0.03	-0.07	-0.04	-7.69e-03	0.05
		1689	42.73	44.97	7.88	10.84	42.01	-10.04	0.29	-0.43	-0.02	-0.11	-0.36
		225	60.18	52.86	-4.69	3.04	45.13	-19.63	1.60	0.30	1.23	0.67	-0.59
1417	2	191	132.92	139.41	32.47	32.72	139.16	-5.17	2.71	-0.31	0.97	1.43	1.49
		1690	84.19	77.56	24.62	25.24	76.93	-5.73	4.01	-3.94	-0.10	0.18	3.98
		1689	86.19	86.34	25.79	25.82	86.31	-1.34	1.95	-3.14	-0.32	-0.87	2.53
		225	112.89	101.45	5.58	11.90	95.13	-23.79	7.52	2.27	7.26	2.53	1.15
1417	3	191	30.68	32.60	7.12	7.64	32.08	-3.61	0.22	0.13	0.13	0.21	7.88e-03
		1690	18.78	19.29	4.83	5.98	18.14	-3.90	0.29	-0.31	-0.02	1.66e-04	0.30
		1689	19.75	21.23	4.79	5.46	20.56	-3.25	0.06	-0.10	-3.13e-04	-0.04	0.08
		225	26.60	25.10	-0.95	1.85	22.30	-8.07	0.89	0.38	0.88	0.40	-0.09
1417	4	191	51.59	54.18	12.63	12.74	54.08	-2.08	1.01	-0.11	0.36	0.55	0.55
		1690	32.46	30.27	9.58	9.85	30.00	-2.34	1.47	-1.46	-0.04	0.05	1.46
		1689	33.21	33.70	9.88	9.90	33.68	-0.67	0.76	-1.12	-0.09	-0.26	0.94
		225	43.60	39.58	2.01	4.48	37.11	-9.30	2.76	0.85	2.66	0.95	0.42
1418	1	1690	41.85	44.90	8.33	12.22	41.01	-11.27	0.09	0.02	0.03	0.08	-0.02



		1692	34.06	36.21	5.31	9.73	31.80	-10.82	0.03	-0.02	-0.02	0.03	-6.42e-03
		1691	34.61	34.70	7.71	11.61	30.80	-9.49	-0.11	-0.98	-0.20	-0.89	-0.26
		1689	41.13	42.84	6.19	10.20	38.84	-11.44	0.33	-0.48	0.05	-0.21	-0.38
1418	2	1690	88.55	86.20	24.75	25.40	85.55	-6.27	3.82	-3.34	0.15	0.34	3.58
		1692	71.68	63.48	18.89	19.39	62.99	-4.67	3.74	-3.64	-0.09	0.20	3.68
		1691	78.59	60.45	23.80	23.81	60.44	0.78	0.99	-5.59	-0.85	-3.75	2.95
		1689	83.27	79.77	23.89	24.22	79.43	-4.32	2.12	-2.71	0.44	-1.03	2.30
1418	3	1690	20.10	21.21	4.93	6.00	20.14	-4.04	0.28	-0.22	0.02	0.05	0.25
		1692	16.44	16.62	3.51	4.73	15.41	-3.79	0.27	-0.26	-0.01	0.02	0.27
		1691	16.97	15.78	4.71	5.57	14.93	-2.95	-0.05	-0.52	-0.10	-0.48	0.14
		1689	19.13	20.04	4.09	5.13	19.00	-3.94	0.09	-0.11	0.07	-0.09	0.06
1418	4	1690	34.21	33.61	9.63	9.91	33.34	-2.55	1.41	-1.23	0.06	0.12	1.32
		1692	27.69	24.87	7.36	7.59	24.65	-1.97	1.38	-1.34	-0.04	0.07	1.36
		1691	30.00	23.71	9.18	9.18	23.71	0.09	0.40	-2.01	-0.29	-1.32	1.09
		1689	32.10	31.18	9.14	9.29	31.03	-1.83	0.82	-0.96	0.18	-0.33	0.85
1419	1	1692	34.40	36.58	5.44	9.82	32.20	-10.82	0.03	-8.58e-03	-2.38e-03	0.03	-0.01
		1694	28.63	30.32	3.82	7.99	26.15	-9.66	0.02	-8.49e-03	-5.95e-03	0.01	7.33e-03
		1693	31.07	28.39	7.10	10.93	24.56	-8.18	-0.27	-1.35	-0.29	-1.33	-0.15
		1691	34.51	34.59	7.44	11.36	30.66	-9.55	-0.10	-0.97	-0.18	-0.88	-0.26
1419	2	1692	72.49	64.32	19.16	19.65	63.83	-4.68	3.69	-3.60	-0.02	0.10	3.65
		1694	60.11	48.82	15.00	15.14	48.68	-2.23	3.69	-3.67	-0.02	0.04	3.68
		1693	73.39	46.65	18.36	18.72	46.29	3.19	0.72	-7.00	-1.27	-5.01	3.38
		1691	77.58	60.15	23.07	23.09	60.13	0.70	1.15	-5.39	-0.68	-3.55	2.94
1419	3	1692	16.61	16.80	3.58	4.78	15.60	-3.80	0.27	-0.26	-1.19e-03	0.01	0.26
		1694	13.92	13.58	2.75	3.84	12.49	-3.26	0.28	-0.27	-3.49e-03	6.88e-03	0.27
		1693	15.32	12.57	4.23	4.97	11.83	-2.38	-0.09	-0.76	-0.16	-0.69	0.21
		1691	16.87	15.72	4.57	5.43	14.86	-2.98	-0.03	-0.50	-0.08	-0.46	0.14
1419	4	1692	28.01	25.20	7.46	7.69	24.98	-1.98	1.36	-1.33	-5.32e-03	0.04	1.35
		1694	23.26	19.25	5.87	5.96	19.16	-1.06	1.37	-1.36	-8.00e-03	0.02	1.36
		1693	27.87	18.35	7.19	7.28	18.27	0.99	0.30	-2.53	-0.45	-1.78	1.25
		1691	29.63	23.60	8.90	8.91	23.60	0.06	0.46	-1.94	-0.23	-1.25	1.09
1420	1	1694	28.67	30.40	3.86	8.02	26.23	-9.65	0.02	-8.93e-03	-3.31e-03	0.01	0.01
		1696	24.15	25.19	2.93	6.59	21.53	-8.25	0.06	-0.05	-1.76e-03	7.30e-03	0.05
		1695	28.12	23.31	6.45	9.93	19.83	-6.82	-0.39	-1.64	-0.39	-1.63	-0.06
		1693	31.01	28.39	7.05	10.87	24.58	-8.17	-0.27	-1.34	-0.29	-1.32	-0.15
1420	2	1694	60.52	49.03	15.08	15.23	48.89	-2.23	3.72	-3.70	-0.01	0.03	3.71
		1696	51.09	37.49	11.72	11.72	37.49	-0.18	3.71	-3.71	-4.14e-03	9.15e-03	3.71
		1695	69.41	36.81	12.92	13.80	35.94	4.50	0.16	-7.99	-1.83	-5.99	3.51
		1693	72.92	46.68	18.17	18.53	46.32	3.18	0.71	-6.90	-1.25	-4.94	3.33
1420	3	1694	13.98	13.62	2.77	3.85	12.53	-3.26	0.28	-0.27	-1.58e-03	5.00e-03	0.28
		1696	11.80	11.05	2.22	3.12	10.15	-2.67	0.29	-0.29	-8.67e-04	2.78e-03	0.29
		1695	14.01	10.11	3.69	4.29	9.51	-1.87	-0.15	-0.94	-0.23	-0.85	0.24
		1693	15.28	12.57	4.20	4.94	11.84	-2.38	-0.09	-0.75	-0.16	-0.68	0.20
1420	4	1694	23.41	19.33	5.90	5.99	19.24	-1.06	1.38	-1.37	-4.05e-03	9.60e-03	1.37
		1696	19.78	14.89	4.64	4.65	14.88	-0.28	1.37	-1.37	-1.57e-03	3.33e-03	1.37
		1695	26.25	14.53	5.19	5.44	14.28	1.48	0.10	-2.90	-0.66	-2.14	1.30
		1693	27.70	18.37	7.12	7.21	18.28	0.99	0.30	-2.50	-0.44	-1.76	1.23
1421	1	1696	24.19	25.21	2.95	6.60	21.56	-8.25	0.06	-0.05	-1.82e-03	7.25e-03	0.06
		1698	20.23	20.75	2.42	5.43	17.73	-6.80	0.10	-0.09	-1.06e-03	6.09e-03	0.09
		1697	25.60	19.01	5.88	8.83	16.06	-5.48	-0.48	-1.87	-0.48	-1.87	0.02
		1695	28.09	23.31	6.44	9.90	19.84	-6.81	-0.39	-1.63	-0.39	-1.63	-0.06
1421	2	1696	51.33	37.57	11.76	11.76	37.57	-0.19	3.74	-3.73	-3.29e-03	0.01	3.73
		1698	46.79	28.77	8.95	9.02	28.70	1.18	3.58	-3.58	-4.70e-03	6.64e-03	3.58
		1697	66.58	29.25	8.25	9.53	27.97	5.03	-0.57	-8.73	-2.40	-6.90	3.41
		1695	69.15	36.85	12.87	13.74	35.97	4.50	0.12	-7.93	-1.83	-5.98	3.45
1421	3	1696	11.83	11.07	2.23	3.13	10.17	-2.67	0.29	-0.29	-6.87e-04	2.88e-03	0.29
		1698	9.94	8.97	1.85	2.55	8.27	-2.12	0.29	-0.29	-6.76e-04	2.25e-03	0.29
		1697	12.94	8.14	3.18	3.63	7.69	-1.42	-0.21	-1.07	-0.30	-0.99	0.26
		1695	13.99	10.12	3.68	4.28	9.52	-1.87	-0.15	-0.93	-0.23	-0.85	0.24
1421	4	1696	19.87	14.92	4.65	4.66	14.91	-0.29	1.38	-1.38	-1.12e-03	4.02e-03	1.38
		1698	17.50	11.52	3.60	3.61	11.52	0.24	1.33	-1.33	-1.75e-03	2.41e-03	1.33
		1697	25.10	11.59	3.46	3.83	11.22	1.70	-0.17	-3.17	-0.87	-2.48	1.26
		1695	26.16	14.54	5.17	5.41	14.30	1.48	0.08	-2.87	-0.66	-2.14	1.28
1422	1	1698	20.26	20.76	2.43	5.44	17.75	-6.80	0.10	-0.10	-1.16e-03	6.22e-03	0.10
		1700	16.74	16.94	2.15	4.48	14.60	-5.39	0.13	-0.12	-1.10e-03	5.64e-03	0.13
		1699	23.42	15.34	5.40	7.73	13.02	-4.21	-0.56	-2.06	-0.56	-2.05	0.07
		1697	25.58	19.01	5.87	8.82	16.06	-5.48	-0.48	-1.87	-0.48	-1.87	8.90e-03
1422	2	1698	46.97	28.81	8.97	9.04	28.74	1.16	3.60	-3.60	-2.35e-03	9.52e-03	3.60
		1700	42.03	22.03	6.66	6.89	21.80	1.87	3.28	-3.28	-7.44e-03	8.49e-03	3.28
		1699	64.53	23.20	4.55	5.98	21.77	4.96	-1.37	-9.26	-2.91	-7.73	3.13
		1697	66.38	29.27	8.22	9.50	27.99	5.03	-0.62	-8.68	-2.40	-6.90	3.35
1422	3	1698	9.96	8.98	1.85	2.55	8.27	-2.12	0.30	-0.29	-4.76e-04	2.51e-03	0.30
		1700	8.28	7.26	1.57	2.08	6.74	-1.63	0.28	-0.28	-8.80e-04	2.27e-03	0.28
		1699	12.05	6.55	2.72	3.02	6.25	-1.03	-0.28	-1.18	-0.36	-1.10	0.25
		1697	12.92	8.14	3.18	3.62	7.70	-1.42	-0.22	-1.07	-0.30	-0.99	0.25
1422	4	1698	17.56	11.54	3.61	3.62	11.53	0.23	1.33	-1.33	-8.29e-04	3.49e-03	1.33
		1700	15.65	8.92	2.75	2.80	8.88	0.52	1.22	-1.21	-2.76e-03	3.11e-03	1.21



		1699	24.25	9.26	2.08	2.50	8.84	1.69	-0.47	-3.36	-1.06	-2.78	1.16
		1697	25.03	11.60	3.45	3.82	11.23	1.70	-0.19	-3.15	-0.87	-2.48	1.24
1423	1	1700	16.76	16.94	2.16	4.49	14.61	-5.39	0.13	-0.13	-9.95e-04	5.77e-03	0.13
		1702	13.66	13.70	2.04	3.71	12.04	-4.08	0.15	-0.14	-1.21e-03	5.24e-03	0.14
		1701	21.53	12.25	5.03	6.68	10.59	-3.03	-0.61	-2.19	-0.62	-2.18	0.11
		1699	23.40	15.34	5.40	7.72	13.03	-4.20	-0.56	-2.06	-0.56	-2.05	0.06
1423	2	1700	42.19	22.05	6.68	6.91	21.83	1.86	3.30	-3.29	-4.20e-03	0.01	3.30
		1702	35.90	16.81	4.91	5.25	16.47	1.99	2.82	-2.82	-9.69e-03	0.01	2.82
		1701	63.01	18.30	1.85	3.13	17.02	4.40	-2.19	-9.61	-3.35	-8.45	2.70
		1699	64.34	23.21	4.54	5.97	21.79	4.96	-1.42	-9.22	-2.92	-7.73	3.07
1423	3	1700	8.30	7.26	1.57	2.09	6.75	-1.63	0.28	-0.28	-5.84e-04	2.46e-03	0.28
		1702	6.79	5.88	1.36	1.71	5.53	-1.21	0.25	-0.25	-1.08e-03	2.28e-03	0.25
		1701	11.31	5.29	2.31	2.49	5.12	-0.71	-0.34	-1.26	-0.41	-1.19	0.23
		1699	12.03	6.55	2.72	3.02	6.25	-1.03	-0.28	-1.18	-0.36	-1.10	0.25
1423	4	1700	15.71	8.93	2.76	2.80	8.89	0.51	1.22	-1.22	-1.53e-03	3.85e-03	1.22
		1702	13.36	6.92	2.10	2.17	6.84	0.59	1.05	-1.05	-3.59e-03	3.74e-03	1.05
		1701	23.61	7.40	1.06	1.43	7.02	1.50	-0.78	-3.49	-1.22	-3.05	1.00
		1699	24.18	9.27	2.08	2.50	8.85	1.69	-0.49	-3.35	-1.06	-2.79	1.14
1424	1	1702	13.67	13.71	2.04	3.71	12.04	-4.08	0.15	-0.14	-9.90e-04	5.35e-03	0.15
		1704	10.98	11.02	2.02	3.08	9.96	-2.89	0.15	-0.15	-1.29e-03	4.78e-03	0.15
		1703	19.90	9.68	4.72	5.71	8.69	-1.99	-0.65	-2.27	-0.66	-2.25	0.14
		1701	21.51	12.25	5.03	6.68	10.60	-3.03	-0.61	-2.19	-0.62	-2.18	0.11
1424	2	1702	36.06	16.83	4.92	5.26	16.49	1.98	2.84	-2.84	-6.53e-03	0.01	2.84
		1704	28.43	12.82	3.72	4.03	12.50	1.66	2.24	-2.24	-0.01	0.01	2.24
		1703	61.92	14.40	0.05	0.92	13.52	3.44	-2.94	-9.81	-3.70	-9.05	2.15
		1701	62.85	18.31	1.85	3.12	17.03	4.40	-2.23	-9.58	-3.35	-8.45	2.64
1424	3	1702	6.81	5.88	1.36	1.72	5.53	-1.21	0.25	-0.25	-7.63e-04	2.42e-03	0.25
		1704	5.47	4.80	1.21	1.42	4.58	-0.86	0.21	-0.21	-1.21e-03	2.23e-03	0.21
		1703	10.69	4.33	1.94	2.03	4.25	-0.45	-0.40	-1.31	-0.45	-1.26	0.20
		1701	11.29	5.29	2.31	2.49	5.12	-0.71	-0.35	-1.26	-0.41	-1.19	0.23
1424	4	1702	13.41	6.92	2.10	2.18	6.85	0.59	1.05	-1.05	-2.40e-03	4.25e-03	1.05
		1704	10.61	5.40	1.64	1.71	5.33	0.49	0.83	-0.83	-4.18e-03	4.18e-03	0.83
		1703	23.15	5.93	0.36	0.61	5.68	1.16	-1.06	-3.56	-1.35	-3.27	0.80
		1701	23.55	7.40	1.06	1.43	7.02	1.50	-0.79	-3.48	-1.22	-3.05	0.98
1425	1	1704	10.99	11.02	2.02	3.08	9.97	-2.89	0.15	-0.15	-1.02e-03	4.89e-03	0.15
		1706	8.72	8.87	2.04	2.58	8.33	-1.85	0.14	-0.14	-1.33e-03	4.31e-03	0.14
		1705	18.50	7.65	4.43	4.85	7.23	-1.08	-0.68	-2.30	-0.69	-2.28	0.15
		1703	19.88	9.69	4.72	5.71	8.69	-1.99	-0.65	-2.26	-0.66	-2.25	0.13
1425	2	1704	28.58	12.82	3.73	4.04	12.52	1.65	2.26	-2.26	-8.62e-03	0.01	2.26
		1706	19.92	9.91	3.06	3.20	9.77	0.96	1.56	-1.56	-0.01	0.01	1.56
		1705	61.21	11.53	-1.06	-0.68	11.14	2.17	-3.58	-9.89	-3.97	-9.50	1.51
		1703	61.79	14.40	0.04	0.92	13.53	3.44	-2.98	-9.77	-3.70	-9.05	2.09
1425	3	1704	5.48	4.80	1.21	1.43	4.58	-0.86	0.21	-0.21	-9.30e-04	2.34e-03	0.21
		1706	4.32	3.99	1.09	1.21	3.87	-0.57	0.16	-0.16	-1.31e-03	2.15e-03	0.16
		1705	10.18	3.65	1.62	1.65	3.62	-0.25	-0.45	-1.33	-0.48	-1.30	0.16
		1703	10.67	4.34	1.94	2.03	4.25	-0.45	-0.40	-1.30	-0.45	-1.26	0.20
1425	4	1704	10.66	5.40	1.65	1.71	5.34	0.49	0.84	-0.84	-3.18e-03	4.54e-03	0.84
		1706	7.53	4.32	1.37	1.39	4.30	0.26	0.58	-0.58	-4.58e-03	4.48e-03	0.58
		1705	22.85	4.88	-0.09	0.01	4.78	0.71	-1.30	-3.59	-1.45	-3.44	0.56
		1703	23.10	5.94	0.35	0.61	5.68	1.16	-1.07	-3.55	-1.35	-3.27	0.78
1426	1	1706	8.73	8.87	2.04	2.58	8.33	-1.85	0.15	-0.14	-1.05e-03	4.41e-03	0.14
		1708	6.91	7.26	2.02	2.20	7.08	-0.95	0.13	-0.12	-1.35e-03	3.85e-03	0.12
		1707	17.32	6.21	4.04	4.09	6.16	-0.32	-0.69	-2.28	-0.71	-2.27	0.15
		1705	18.49	7.65	4.43	4.84	7.23	-1.08	-0.68	-2.30	-0.69	-2.28	0.14
1426	2	1706	20.07	9.92	3.07	3.20	9.78	0.96	1.58	-1.58	-0.01	0.01	1.58
		1708	11.20	8.20	2.72	2.72	8.20	9.83e-03	0.81	-0.81	-0.01	0.01	0.81
		1707	60.87	9.85	-1.75	-1.71	9.82	0.66	-4.04	-9.91	-4.15	-9.80	0.80
		1705	61.11	11.53	-1.07	-0.68	11.15	2.17	-3.61	-9.86	-3.97	-9.51	1.45
1426	3	1706	4.33	3.99	1.09	1.21	3.87	-0.57	0.16	-0.16	-1.07e-03	2.24e-03	0.16
		1708	3.39	3.43	1.01	1.06	3.38	-0.35	0.10	-0.10	-1.36e-03	2.06e-03	0.10
		1707	9.79	3.20	1.34	1.35	3.20	-0.12	-0.48	-1.33	-0.49	-1.32	0.10
		1705	10.17	3.65	1.62	1.65	3.62	-0.25	-0.45	-1.33	-0.48	-1.30	0.15
1426	4	1706	7.58	4.32	1.37	1.39	4.30	0.26	0.59	-0.59	-3.81e-03	4.73e-03	0.59
		1708	4.60	3.71	1.21	1.21	3.71	-0.07	0.30	-0.30	-4.83e-03	4.70e-03	0.30
		1707	22.70	4.29	-0.38	-0.37	4.28	0.17	-1.47	-3.59	-1.51	-3.55	0.30
		1705	22.81	4.88	-0.09	9.54e-03	4.78	0.71	-1.31	-3.58	-1.45	-3.44	0.54
1427	1	1708	6.93	7.27	2.02	2.20	7.09	-0.95	0.13	-0.13	-1.06e-03	3.94e-03	0.13
		1710	5.63	6.20	1.92	1.93	6.19	-0.20	0.10	-0.10	-1.35e-03	3.43e-03	0.10
		1709	16.33	5.49	3.40	3.44	5.44	0.30	-0.69	-2.23	-0.70	-2.21	0.14
		1707	17.31	6.21	4.04	4.09	6.16	-0.32	-0.69	-2.28	-0.71	-2.27	0.14
1427	2	1708	11.33	8.20	2.72	2.72	8.20	2.11e-03	0.83	-0.83	-0.01	0.01	0.83
		1710	7.13	7.97	2.35	2.58	7.74	-1.12	0.02	-0.02	-0.01	0.01	0.02
		1709	60.90	9.59	-2.29	-2.20	9.51	-1.00	-4.24	-9.93	-4.24	-9.93	0.04
		1707	60.81	9.85	-1.75	-1.72	9.82	0.66	-4.05	-9.90	-4.15	-9.80	0.74
1427	3	1708	3.40	3.43	1.01	1.06	3.38	-0.35	0.10	-0.10	-1.17e-03	2.12e-03	0.10
		1710	2.80	3.11	0.96	0.97	3.09	-0.18	0.03	-0.03	-1.39e-03	1.97e-03	0.03
		1709	9.51	2.97	1.12	1.12	2.97	-0.04	-0.50	-1.32	-0.50	-1.31	0.04



		1707	9.78	3.20	1.34	1.34	3.20	-0.12	-0.48	-1.33	-0.49	-1.32	0.10
1427	4	1708	4.64	3.71	1.21	1.21	3.71	-0.07	0.31	-0.31	-4.28e-03	4.86e-03	0.31
		1710	3.25	3.64	1.08	1.16	3.55	-0.45	9.03e-03	-9.11e-03	-4.95e-03	4.87e-03	7.63e-03
		1709	22.72	4.22	-0.59	-0.55	4.18	-0.42	-1.55	-3.60	-1.55	-3.60	0.02
		1707	22.68	4.29	-0.38	-0.37	4.28	0.17	-1.48	-3.59	-1.51	-3.55	0.28
1428	1	1710	5.64	6.21	1.92	1.93	6.20	-0.20	0.10	-0.10	-1.07e-03	3.51e-03	0.10
		1712	5.19	5.67	1.71	1.75	5.63	0.41	0.06	-0.06	-1.36e-03	3.06e-03	0.06
		1711	15.51	5.30	2.65	2.90	5.04	0.78	-0.68	-2.13	-0.69	-2.12	0.12
		1709	16.33	5.49	3.40	3.44	5.44	0.30	-0.69	-2.22	-0.70	-2.21	0.13
1428	2	1710	7.12	7.97	2.34	2.58	7.74	-1.12	0.04	-0.04	-0.01	0.01	0.04
		1712	14.44	9.23	1.94	2.78	8.39	-2.32	0.80	-0.80	-0.01	0.01	-0.80
		1711	61.32	10.80	-2.74	-2.15	10.21	-2.76	-4.15	-9.97	-4.24	-9.88	-0.73
		1709	60.88	9.59	-2.29	-2.20	9.51	-1.01	-4.24	-9.93	-4.24	-9.93	-0.01
1428	3	1710	2.81	3.11	0.96	0.97	3.10	-0.18	0.03	-0.03	-1.23e-03	2.01e-03	0.03
		1712	2.73	3.01	0.94	0.94	3.01	-0.07	0.04	-0.04	-1.39e-03	1.89e-03	-0.04
		1711	9.32	2.94	0.97	0.97	2.94	-6.29e-04	-0.50	-1.28	-0.50	-1.28	-0.02
		1709	9.50	2.98	1.12	1.12	2.97	-0.04	-0.50	-1.32	-0.50	-1.31	0.04
1428	4	1710	3.24	3.64	1.08	1.16	3.55	-0.46	0.01	-0.01	-4.58e-03	4.95e-03	0.01
		1712	5.72	4.10	0.98	1.25	3.83	-0.88	0.30	-0.30	-4.96e-03	5.01e-03	-0.30
		1711	22.90	4.68	-0.74	-0.53	4.47	-1.05	-1.51	-3.62	-1.55	-3.58	-0.27
		1709	22.71	4.21	-0.59	-0.55	4.18	-0.42	-1.55	-3.60	-1.55	-3.60	-3.53e-03
1429	1	1712	5.19	5.67	1.71	1.75	5.63	0.41	0.07	-0.06	-1.04e-03	3.14e-03	0.06
		1714	5.08	5.56	1.47	1.67	5.36	0.89	0.02	-0.02	-1.39e-03	2.76e-03	0.02
		1713	14.84	5.38	2.03	2.48	4.93	1.14	-0.66	-2.01	-0.67	-2.00	0.09
		1711	15.51	5.30	2.65	2.90	5.04	0.78	-0.68	-2.13	-0.69	-2.12	0.11
1429	2	1712	14.30	9.23	1.94	2.78	8.38	-2.33	0.78	-0.78	-0.01	0.01	-0.78
		1714	24.68	11.69	1.85	3.34	10.19	-3.53	1.62	-1.62	-0.01	0.01	-1.62
		1713	62.13	13.35	-2.93	-1.56	11.98	-4.52	-3.77	-10.04	-4.16	-9.65	-1.51
		1711	61.34	10.80	-2.74	-2.15	10.21	-2.76	-4.14	-9.99	-4.25	-9.88	-0.79
1429	3	1712	2.73	3.01	0.94	0.94	3.01	-0.07	0.04	-0.04	-1.25e-03	1.91e-03	-0.04
		1714	3.00	3.11	0.98	0.98	3.11	0.01	0.11	-0.11	-1.39e-03	1.82e-03	-0.11
		1713	9.24	3.09	0.90	0.90	3.09	-6.63e-03	-0.47	-1.24	-0.48	-1.23	-0.09
		1711	9.32	2.94	0.97	0.97	2.94	-6.74e-04	-0.50	-1.28	-0.50	-1.28	-0.03
1429	4	1712	5.67	4.09	0.98	1.25	3.82	-0.88	0.29	-0.29	-4.69e-03	4.99e-03	-0.29
		1714	9.39	5.02	1.00	1.47	4.55	-1.30	0.60	-0.60	-4.93e-03	5.12e-03	-0.60
		1713	23.25	5.66	-0.78	-0.30	5.18	-1.68	-1.37	-3.65	-1.52	-3.50	-0.56
		1711	22.91	4.68	-0.74	-0.53	4.47	-1.05	-1.51	-3.62	-1.55	-3.58	-0.29
1430	1	1714	5.09	5.56	1.47	1.67	5.36	0.89	0.02	-0.02	-9.69e-04	2.83e-03	0.02
		1716	5.35	5.76	1.30	1.67	5.38	1.24	0.03	-0.03	-1.50e-03	2.52e-03	-0.03
		1715	14.31	5.63	1.62	2.16	5.09	1.37	-0.63	-1.85	-0.63	-1.85	0.05
		1713	14.85	5.38	2.03	2.48	4.93	1.14	-0.66	-2.01	-0.67	-2.00	0.08
1430	2	1714	24.52	11.68	1.84	3.34	10.18	-3.54	1.60	-1.60	-0.01	0.01	-1.60
		1716	35.19	15.21	2.31	4.28	13.24	-4.65	2.42	-2.42	-0.01	0.01	-2.42
		1715	63.37	17.10	-2.64	-0.42	14.89	-6.23	-3.15	-10.09	-3.98	-9.25	-2.26
		1713	62.19	13.34	-2.93	-1.56	11.97	-4.52	-3.75	-10.07	-4.16	-9.65	-1.56
1430	3	1714	3.00	3.11	0.98	0.98	3.11	0.01	0.11	-0.11	-1.20e-03	1.81e-03	-0.11
		1716	3.64	3.42	1.07	1.07	3.42	0.06	0.19	-0.19	-1.43e-03	1.76e-03	-0.19
		1715	9.25	3.43	0.90	0.90	3.43	-0.05	-0.43	-1.19	-0.46	-1.16	-0.15
		1713	9.24	3.09	0.90	0.90	3.09	-6.65e-03	-0.47	-1.24	-0.48	-1.23	-0.09
1430	4	1714	9.34	5.02	0.99	1.47	4.54	-1.30	0.59	-0.59	-4.55e-03	4.98e-03	-0.59
		1716	13.25	6.37	1.21	1.84	5.75	-1.69	0.89	-0.89	-4.99e-03	5.23e-03	-0.89
		1715	23.79	7.09	-0.62	0.14	6.33	-2.30	-1.14	-3.67	-1.45	-3.35	-0.84
		1713	23.27	5.65	-0.78	-0.30	5.18	-1.68	-1.36	-3.66	-1.52	-3.50	-0.58
1431	1	1716	5.34	5.76	1.30	1.67	5.38	1.24	0.03	-0.03	-7.93e-04	2.57e-03	-0.03
		1718	6.07	6.17	1.26	1.76	5.67	1.48	0.08	-0.08	-1.85e-03	2.44e-03	-0.08
		1717	13.89	6.06	1.40	1.95	5.51	1.50	-0.58	-1.67	-0.58	-1.67	3.70e-03
		1715	14.32	5.63	1.62	2.16	5.09	1.37	-0.63	-1.85	-0.63	-1.85	0.04
1431	2	1716	35.02	15.20	2.29	4.28	13.22	-4.65	2.40	-2.40	-0.01	0.01	-2.40
		1718	45.43	19.88	3.47	5.67	17.69	-5.59	3.17	-3.17	-0.02	0.02	-3.17
		1717	65.08	22.05	-1.65	1.30	19.10	-7.82	-2.33	-10.06	-3.72	-8.67	-2.96
		1715	63.47	17.09	-2.63	-0.41	14.87	-6.23	-3.11	-10.13	-3.99	-9.25	-2.32
1431	3	1716	3.63	3.42	1.07	1.07	3.41	0.06	0.19	-0.19	-1.04e-03	1.70e-03	-0.19
		1718	4.47	3.93	1.23	1.23	3.93	0.08	0.26	-0.26	-1.63e-03	1.79e-03	-0.26
		1717	9.35	3.97	0.98	0.98	3.97	-0.11	-0.36	-1.13	-0.43	-1.06	-0.22
		1715	9.25	3.43	0.90	0.90	3.43	-0.05	-0.43	-1.19	-0.46	-1.16	-0.16
1431	4	1716	13.19	6.37	1.21	1.84	5.74	-1.69	0.89	-0.89	-3.98e-03	4.86e-03	-0.89
		1718	17.05	8.19	1.68	2.38	7.49	-2.02	1.17	-1.17	-5.57e-03	5.52e-03	-1.17
		1717	24.52	9.00	-0.22	0.79	7.99	-2.87	-0.83	-3.66	-1.36	-3.14	-1.10
		1715	23.82	7.09	-0.62	0.14	6.33	-2.30	-1.12	-3.68	-1.45	-3.35	-0.86
1432	1	1718	6.05	6.17	1.26	1.76	5.67	1.48	0.08	-0.08	-4.43e-04	2.40e-03	-0.08
		1720	6.96	6.78	1.39	1.93	6.24	1.62	0.14	-0.14	-2.91e-03	3.01e-03	-0.14
		1719	13.57	6.68	1.34	1.83	6.19	1.54	-0.52	-1.46	-0.52	-1.46	-0.04
		1717	13.90	6.06	1.40	1.95	5.51	1.50	-0.58	-1.67	-0.58	-1.67	-3.79e-03
1432	2	1718	45.23	19.85	3.45	5.65	17.65	-5.59	3.15	-3.15	-7.30e-03	0.01	-3.15
		1720	55.29	25.95	5.42	7.57	23.81	-6.28	3.87	-3.87	-0.02	0.02	-3.87
		1719	67.35	28.33	0.16	3.58	24.90	-9.20	-1.39	-9.89	-3.38	-7.91	-3.60
		1717	65.21	22.03	-1.64	1.31	19.08	-7.82	-2.29	-10.10	-3.73	-8.67	-3.02



1432	3	1718	4.46	3.93	1.22	1.23	3.92	0.08	0.26	-0.26	-6.96e-04	1.61e-03	-0.26
		1720	5.44	4.68	1.45	1.46	4.67	0.08	0.33	-0.33	-2.38e-03	2.19e-03	-0.33
		1719	9.55	4.74	1.12	1.13	4.73	-0.20	-0.27	-1.06	-0.38	-0.95	-0.28
		1717	9.36	3.97	0.98	0.98	3.96	-0.11	-0.36	-1.14	-0.43	-1.06	-0.23
1432	4	1718	16.98	8.18	1.68	2.38	7.47	-2.02	1.17	-1.17	-2.73e-03	4.68e-03	-1.17
		1720	20.75	10.57	2.44	3.13	9.88	-2.26	1.43	-1.43	-7.97e-03	6.91e-03	-1.43
		1719	25.49	11.44	0.48	1.65	10.27	-3.38	-0.48	-3.61	-1.23	-2.86	-1.33
		1717	24.57	8.99	-0.21	0.79	7.98	-2.87	-0.82	-3.68	-1.36	-3.14	-1.12
1433	1	1720	6.94	6.77	1.39	1.93	6.23	1.62	0.14	-0.13	5.34e-05	2.73e-03	-0.14
		1722	8.00	7.60	1.69	2.18	7.10	1.64	0.21	-0.21	-5.66e-03	6.16e-03	-0.21
		1721	13.30	7.55	1.38	1.77	7.17	1.49	-0.45	-1.23	-0.46	-1.22	-0.09
		1719	13.59	6.68	1.35	1.83	6.19	1.54	-0.52	-1.47	-0.53	-1.46	-0.05
1433	2	1720	55.00	25.89	5.39	7.54	23.74	-6.28	3.85	-3.83	-2.13e-03	0.02	-3.84
		1722	65.35	33.99	8.25	10.13	32.11	-6.71	4.53	-4.53	-0.04	0.04	-4.53
		1721	70.18	36.32	2.79	6.31	32.80	-10.27	-0.38	-9.51	-2.98	-6.90	-4.13
		1719	67.55	28.30	0.19	3.62	24.86	-9.21	-1.36	-9.96	-3.40	-7.92	-3.66
1433	3	1720	5.42	4.67	1.45	1.45	4.67	0.08	0.33	-0.32	-1.89e-04	1.94e-03	-0.33
		1722	6.56	5.70	1.77	1.77	5.70	0.06	0.40	-0.40	-4.45e-03	4.21e-03	-0.40
		1721	9.85	5.79	1.31	1.33	5.77	-0.29	-0.16	-0.98	-0.34	-0.80	-0.33
		1719	9.57	4.74	1.12	1.13	4.73	-0.20	-0.27	-1.07	-0.39	-0.95	-0.29
1433	4	1720	20.65	10.54	2.43	3.12	9.85	-2.26	1.43	-1.42	-8.36e-04	5.94e-03	-1.42
		1722	24.58	13.72	3.52	4.13	13.11	-2.41	1.68	-1.68	-0.01	0.01	-1.68
		1721	26.70	14.56	1.48	2.67	13.37	-3.77	-0.10	-3.47	-1.08	-2.49	-1.53
		1719	25.56	11.43	0.49	1.66	10.26	-3.38	-0.47	-3.63	-1.24	-2.86	-1.36
1434	1	1722	7.97	7.59	1.68	2.18	7.09	1.64	0.20	-0.20	1.30e-05	6.38e-03	-0.20
		1724	9.24	8.70	2.16	2.53	8.33	1.52	0.30	-0.29	-9.59e-03	0.02	-0.29
		1723	12.96	8.78	1.40	1.68	8.51	1.39	-0.36	-0.93	-0.39	-0.90	-0.12
		1721	13.34	7.55	1.40	1.78	7.17	1.49	-0.46	-1.24	-0.47	-1.23	-0.09
1434	2	1722	65.00	33.83	8.18	10.07	31.94	-6.70	4.52	-4.48	-4.61e-03	0.05	-4.50
		1724	77.73	45.12	12.01	13.59	43.54	-7.06	5.30	-5.26	-0.07	0.10	-5.28
		1723	72.96	46.84	5.84	8.92	43.76	-10.81	0.75	-8.71	-2.57	-5.39	-4.51
		1721	70.61	36.30	2.91	6.45	32.76	-10.28	-0.40	-9.63	-3.06	-6.97	-4.18
1434	3	1722	6.53	5.68	1.76	1.76	5.68	0.06	0.40	-0.39	-4.02e-04	5.68e-03	-0.39
		1724	8.10	7.13	2.20	2.20	7.13	-8.94e-03	0.48	-0.47	-7.27e-03	0.01	-0.48
		1723	10.19	7.23	1.46	1.49	7.21	-0.36	-0.04	-0.85	-0.28	-0.61	-0.37
		1721	9.88	5.79	1.32	1.34	5.77	-0.29	-0.17	-0.99	-0.34	-0.81	-0.34
1434	4	1722	24.46	13.65	3.49	4.10	13.05	-2.41	1.68	-1.66	-1.77e-03	0.02	-1.67
		1724	29.34	18.08	4.95	5.47	17.56	-2.55	1.96	-1.95	-0.02	0.04	-1.95
		1723	27.97	18.70	2.58	3.63	17.65	-3.97	0.32	-3.18	-0.93	-1.93	-1.68
		1721	26.85	14.56	1.52	2.72	13.35	-3.77	-0.11	-3.51	-1.11	-2.51	-1.55
1435	1	1724	9.20	8.63	2.14	2.51	8.26	1.52	0.31	-0.29	-8.39e-04	0.03	-0.30
		1726	10.71	10.32	2.82	2.99	10.15	1.13	0.42	-0.38	1.79e-03	0.04	-0.40
		1725	12.43	10.52	1.04	1.24	10.33	1.35	-0.12	-0.50	-0.20	-0.41	-0.16
		1723	13.05	8.81	1.47	1.74	8.54	1.38	-0.39	-0.96	-0.43	-0.92	-0.13
1435	2	1724	78.29	44.52	11.71	13.33	42.89	-7.11	5.43	-5.21	-0.04	0.25	-5.32
		1726	95.38	62.02	16.95	18.47	60.50	-8.12	6.29	-6.00	0.04	0.24	-6.14
		1725	80.82	61.49	7.10	9.07	59.51	-10.17	2.81	-6.86	-1.52	-2.53	-4.81
		1723	74.18	47.09	6.36	9.45	44.00	-10.79	0.49	-8.99	-2.87	-5.64	-4.53
1435	3	1724	8.13	7.04	2.17	2.17	7.04	-0.01	0.49	-0.47	-3.31e-03	0.02	-0.48
		1726	10.49	9.26	2.77	2.78	9.25	-0.25	0.58	-0.55	4.16e-03	0.03	-0.57
		1725	10.58	9.25	1.29	1.30	9.24	-0.31	0.20	-0.63	-0.16	-0.27	-0.41
		1723	10.30	7.26	1.53	1.55	7.24	-0.36	-0.06	-0.88	-0.32	-0.63	-0.38
1435	4	1724	29.54	17.84	4.84	5.37	17.31	-2.57	2.01	-1.93	-0.01	0.09	-1.97
		1726	36.17	24.69	6.85	7.37	24.17	-2.99	2.32	-2.22	0.02	0.08	-2.27
		1725	30.98	24.48	2.95	3.62	23.81	-3.73	1.07	-2.52	-0.55	-0.89	-1.78
		1723	28.41	18.80	2.78	3.84	17.75	-3.97	0.22	-3.29	-1.04	-2.03	-1.68
1436	1	1726	10.26	9.55	2.80	2.97	9.37	1.08	0.50	-0.40	0.03	0.07	-0.45
		301	13.78	14.74	3.54	3.55	14.73	0.27	0.31	-0.18	0.06	0.07	-0.24
		144	14.40	12.22	-0.97	-0.50	11.75	2.45	0.81	0.28	0.78	0.31	-0.13
		1725	12.87	11.09	1.27	1.39	10.96	1.09	-0.19	-0.60	-0.35	-0.44	-0.20
1436	2	1726	97.13	56.86	16.13	18.00	55.00	-8.52	6.82	-6.22	0.11	0.50	-6.52
		301	117.72	101.27	23.52	25.20	99.59	-11.31	5.74	-4.42	0.61	0.71	-5.08
		144	98.28	75.90	0.35	0.36	75.89	-0.69	8.61	-1.58	5.29	1.75	-4.78
		1725	88.61	66.16	8.09	10.63	63.61	-11.88	2.39	-7.79	-2.61	-2.80	-5.09
1436	3	1726	10.34	8.49	2.73	2.74	8.48	-0.30	0.64	-0.57	0.01	0.05	-0.61
		301	14.65	14.43	3.50	3.57	14.37	-0.85	0.52	-0.38	0.06	0.07	-0.45
		144	13.38	11.25	-0.23	-0.15	11.17	0.93	0.84	-0.04	0.58	0.23	-0.40
		1725	10.98	9.87	1.45	1.48	9.83	-0.56	0.16	-0.72	-0.27	-0.29	-0.44
1436	4	1726	36.64	22.64	6.55	7.19	22.00	-3.14	2.51	-2.30	0.04	0.18	-2.41
		301	45.62	40.12	9.38	9.98	39.51	-4.29	2.13	-1.64	0.22	0.26	-1.89
		144	38.23	30.18	0.10	0.10	30.18	-3.57e-03	3.17	-0.60	1.92	0.65	-1.78
		1725	33.95	26.31	3.34	4.22	25.43	-4.41	0.92	-2.85	-0.94	-0.99	-1.89
1437	1	225	61.97	54.12	-0.90	6.11	47.12	-18.34	2.02	0.70	1.51	1.21	-0.64
		1689	43.25	43.95	4.65	8.97	39.63	-12.30	0.23	-0.68	-0.16	-0.29	-0.45
		1727	45.96	40.75	5.63	12.83	33.55	-14.18	1.30	-0.94	0.42	-0.07	-1.09
		200	57.54	49.21	0.47	12.60	37.08	-21.07	1.61	-0.59	0.88	0.14	-1.03
1437	2	225	116.01	105.68	11.30	16.39	100.59	-21.32	8.04	4.58	7.59	5.04	1.17



		1689	83.46	81.75	20.94	21.80	80.89	-7.16	0.79	-2.27	-0.32	-1.16	1.47
		1727	66.88	66.30	35.43	35.44	66.29	-0.46	2.73	0.87	2.01	1.58	0.90
		200	86.62	84.29	35.29	48.67	70.91	-21.84	6.08	0.33	6.06	0.35	0.38
1437	3	225	28.30	25.81	0.76	3.22	23.34	-7.46	1.02	0.72	0.99	0.76	-0.10
		1689	19.62	20.59	3.33	4.55	19.37	-4.42	-0.04	-0.12	-0.05	-0.12	-0.02
		1727	17.96	18.15	4.82	6.63	16.34	-4.58	0.44	-0.08	0.27	0.09	-0.24
		200	23.65	22.52	2.85	7.51	17.86	-8.36	0.81	-0.04	0.71	0.07	-0.28
1437	4	225	44.93	41.18	4.28	6.27	39.19	-8.35	2.97	1.71	2.79	1.89	0.44
		1689	32.24	31.95	7.99	8.35	31.60	-2.90	0.33	-0.80	-0.10	-0.38	0.55
		1727	25.86	26.06	13.31	13.33	26.04	-0.51	1.01	0.30	0.74	0.57	0.35
		200	33.12	32.90	13.18	18.20	27.88	-8.59	2.25	0.12	2.24	0.13	0.14
1438	1	1689	42.87	43.70	5.66	10.03	39.32	-12.14	0.45	-0.53	0.10	-0.19	-0.47
		1691	34.49	34.45	7.24	11.14	30.55	-9.54	-0.12	-1.02	-0.22	-0.92	-0.28
		1728	33.18	33.23	7.79	12.77	28.26	-10.09	0.66	-1.13	0.19	-0.67	-0.78
		1727	44.42	40.10	5.05	12.01	33.13	-13.98	1.15	-0.90	0.40	-0.15	-0.99
1438	2	1689	85.16	81.15	24.08	24.83	80.40	-6.52	1.29	-2.47	0.29	-1.47	1.66
		1691	77.61	59.51	22.98	22.99	59.50	0.70	0.96	-5.37	-0.61	-3.80	2.73
		1728	69.38	57.25	21.80	23.26	55.80	7.04	4.18	0.45	2.01	2.62	1.84
		1727	72.07	64.61	31.41	31.42	64.60	-0.59	4.47	2.03	3.79	2.70	1.09
1438	3	1689	19.45	20.46	3.90	5.12	19.24	-4.33	0.07	-0.11	0.07	-0.11	-0.01
		1691	16.86	15.63	4.49	5.35	14.78	-2.97	-0.05	-0.52	-0.09	-0.48	0.12
		1728	13.13	14.62	4.93	5.75	13.80	-2.70	0.24	-0.05	0.20	-0.02	-0.09
		1727	17.71	17.80	4.34	6.08	16.07	-4.51	0.51	0.03	0.39	0.15	-0.20
1438	4	1689	32.83	31.73	9.19	9.50	31.41	-2.66	0.51	-0.87	0.13	-0.49	0.62
		1691	29.64	23.36	8.86	8.86	23.36	0.06	0.39	-1.93	-0.20	-1.34	1.01
		1728	26.49	22.37	8.45	8.86	21.96	2.37	1.54	0.15	0.74	0.96	0.69
		1727	27.72	25.41	11.81	11.83	25.39	-0.55	1.66	0.73	1.40	0.99	0.41
1439	1	1691	34.80	34.86	7.11	11.12	30.86	-9.75	-0.07	-0.99	-0.18	-0.89	-0.29
		1693	31.00	28.34	6.97	10.75	24.56	-8.16	-0.27	-1.34	-0.30	-1.32	-0.16
		1729	27.44	26.71	8.62	12.74	22.59	-7.59	0.16	-1.52	-0.06	-1.31	-0.56
		1728	32.57	32.76	7.74	12.71	27.80	-9.98	0.63	-1.13	0.18	-0.69	-0.77
1439	2	1691	78.77	60.39	23.04	23.05	60.38	0.19	0.88	-5.44	-0.74	-3.81	2.77
		1693	72.72	46.50	18.08	18.46	46.12	3.27	0.70	-6.85	-1.16	-4.99	3.26
		1729	59.99	47.52	13.30	16.42	44.39	9.86	3.26	-1.23	0.93	1.11	2.25
		1728	68.73	56.16	21.37	22.91	54.62	7.14	4.39	0.81	2.50	2.70	1.79
1439	3	1691	17.05	15.85	4.44	5.34	14.95	-3.08	-0.05	-0.51	-0.08	-0.48	0.12
		1693	15.26	12.54	4.16	4.89	11.82	-2.36	-0.09	-0.75	-0.15	-0.69	0.20
		1729	11.73	11.55	4.80	5.27	11.09	-1.71	0.05	-0.32	0.05	-0.32	2.52e-03
		1728	12.91	14.38	4.89	5.71	13.56	-2.66	0.26	-0.05	0.24	-0.02	-0.09
1439	4	1691	30.08	23.70	8.88	8.88	23.70	-0.13	0.36	-1.96	-0.25	-1.34	1.02
		1693	27.63	18.30	7.08	7.18	18.20	1.02	0.30	-2.48	-0.41	-1.77	1.21
		1729	22.71	18.53	5.38	6.36	17.55	3.46	1.21	-0.46	0.34	0.40	0.83
		1728	26.23	21.95	8.29	8.73	21.51	2.41	1.62	0.29	0.92	0.99	0.67
1440	1	1693	31.12	28.48	6.92	10.73	24.67	-8.23	-0.27	-1.33	-0.29	-1.31	-0.15
		1695	28.05	23.29	6.40	9.84	19.85	-6.80	-0.39	-1.63	-0.40	-1.62	-0.07
		1730	26.11	21.51	8.63	12.10	18.04	-5.72	-0.19	-1.97	-0.28	-1.89	-0.39
		1729	27.35	26.56	8.62	12.70	22.48	-7.52	0.16	-1.53	-0.06	-1.32	-0.56
1440	2	1693	73.22	46.75	18.15	18.48	46.41	3.10	0.66	-6.92	-1.27	-5.00	3.30
		1695	68.79	36.79	12.78	13.69	35.88	4.59	0.10	-7.87	-1.80	-5.97	3.40
		1730	51.03	39.31	6.62	10.54	35.39	10.63	1.86	-2.93	-0.27	-0.80	2.38
		1729	59.45	47.31	13.07	16.26	44.11	9.95	3.28	-1.08	1.09	1.11	2.18
1440	3	1693	15.34	12.62	4.14	4.89	11.87	-2.40	-0.09	-0.75	-0.16	-0.69	0.20
		1695	13.95	10.10	3.66	4.25	9.51	-1.86	-0.15	-0.93	-0.23	-0.85	0.23
		1730	11.32	9.18	4.40	4.66	8.93	-1.08	-0.10	-0.63	-0.11	-0.63	0.06
		1729	11.68	11.48	4.79	5.24	11.03	-1.68	0.06	-0.32	0.06	-0.32	-2.51e-03
1440	4	1693	27.81	18.40	7.10	7.18	18.32	0.96	0.28	-2.50	-0.45	-1.78	1.22
		1695	26.03	14.52	5.14	5.39	14.27	1.52	0.07	-2.85	-0.64	-2.14	1.26
		1730	19.12	15.34	2.92	4.19	14.07	3.76	0.69	-1.09	-0.10	-0.30	0.88
		1729	22.51	18.45	5.30	6.30	17.44	3.49	1.21	-0.41	0.40	0.40	0.81
1441	1	1695	28.12	23.35	6.38	9.83	19.90	-6.83	-0.39	-1.62	-0.39	-1.62	-0.06
		1697	25.52	19.00	5.85	8.77	16.07	-5.47	-0.49	-1.86	-0.49	-1.86	6.93e-03
		1731	25.16	17.22	8.28	11.09	14.41	-4.15	-0.45	-2.38	-0.48	-2.35	-0.24
		1730	26.06	21.44	8.64	12.07	18.01	-5.67	-0.19	-1.98	-0.28	-1.89	-0.39
1441	2	1695	69.16	36.89	12.87	13.74	36.01	4.51	0.11	-7.93	-1.84	-5.97	3.45
		1697	65.97	29.25	8.16	9.48	27.93	5.10	-0.65	-8.62	-2.40	-6.87	3.30
		1731	44.45	32.26	1.41	5.38	28.29	10.33	0.39	-4.47	-1.40	-2.68	2.34
		1730	50.63	39.26	6.45	10.42	35.30	10.70	1.84	-2.86	-0.21	-0.80	2.33
1441	3	1695	14.00	10.14	3.66	4.25	9.54	-1.87	-0.15	-0.93	-0.23	-0.85	0.24
		1697	12.88	8.13	3.17	3.60	7.69	-1.41	-0.22	-1.06	-0.30	-0.98	0.25
		1731	11.18	7.33	3.86	3.98	7.21	-0.62	-0.23	-0.92	-0.25	-0.90	0.10
		1730	11.29	9.16	4.39	4.64	8.91	-1.06	-0.10	-0.63	-0.10	-0.63	0.06
1441	4	1695	26.16	14.56	5.17	5.41	14.31	1.49	0.08	-2.87	-0.66	-2.14	1.28
		1697	24.87	11.59	3.43	3.81	11.21	1.72	-0.20	-3.13	-0.86	-2.47	1.22
		1731	16.44	12.63	0.98	2.28	11.32	3.67	0.14	-1.66	-0.52	-1.00	0.87
		1730	18.97	15.32	2.86	4.15	14.03	3.79	0.68	-1.07	-0.08	-0.30	0.87
1442	1	1697	25.57	19.03	5.84	8.78	16.10	-5.48	-0.49	-1.86	-0.49	-1.86	0.01
		1699	23.33	15.34	5.39	7.70	13.03	-4.20	-0.56	-2.04	-0.56	-2.04	0.06



		1732	24.35	13.64	7.79	9.89	11.53	-2.81	-0.63	-2.72	-0.63	-2.71	-0.11
		1731	25.13	17.18	8.29	11.07	14.40	-4.12	-0.45	-2.39	-0.48	-2.35	-0.25
1442	2	1697	66.27	29.30	8.24	9.54	28.00	5.06	-0.61	-8.67	-2.41	-6.88	3.35
		1699	63.94	23.20	4.50	5.96	21.74	5.01	-1.45	-9.16	-2.92	-7.70	3.03
		1732	44.02	26.22	-2.50	0.98	22.73	9.37	-1.02	-5.79	-2.40	-4.41	2.16
		1731	44.11	32.24	1.29	5.28	28.24	10.38	0.36	-4.42	-1.38	-2.68	2.30
1442	3	1697	12.91	8.15	3.17	3.61	7.71	-1.42	-0.22	-1.07	-0.30	-0.98	0.25
		1699	11.99	6.55	2.71	3.01	6.25	-1.02	-0.29	-1.17	-0.36	-1.10	0.24
		1732	11.15	5.89	3.26	3.29	5.86	-0.28	-0.35	-1.15	-0.37	-1.13	0.13
		1731	11.16	7.32	3.85	3.96	7.20	-0.61	-0.23	-0.92	-0.24	-0.90	0.10
1442	4	1697	24.99	11.61	3.46	3.84	11.24	1.71	-0.19	-3.15	-0.87	-2.47	1.24
		1699	24.03	9.26	2.07	2.50	8.83	1.71	-0.50	-3.33	-1.06	-2.77	1.12
		1732	17.02	10.33	-0.50	0.65	9.18	3.33	-0.38	-2.15	-0.89	-1.64	0.80
		1731	16.31	12.62	0.93	2.25	11.31	3.69	0.13	-1.64	-0.51	-1.00	0.85
1443	1	1699	23.37	15.35	5.39	7.70	13.05	-4.20	-0.56	-2.04	-0.56	-2.04	0.07
		1701	21.44	12.24	5.02	6.66	10.60	-3.03	-0.62	-2.18	-0.62	-2.17	0.10
		1733	23.56	10.65	7.27	8.63	9.28	-1.66	-0.76	-2.95	-0.76	-2.95	-5.83e-03
		1732	24.33	13.61	7.79	9.88	11.53	-2.79	-0.63	-2.72	-0.63	-2.71	-0.12
1443	2	1699	64.20	23.23	4.57	6.01	21.78	4.99	-1.41	-9.21	-2.92	-7.70	3.08
		1701	62.47	18.29	1.83	3.13	16.99	4.44	-2.26	-9.52	-3.36	-8.42	2.60
		1733	48.15	21.14	-5.31	-2.66	18.49	7.94	-2.29	-6.88	-3.26	-5.91	1.87
		1732	43.98	26.21	-2.59	0.90	22.71	9.40	-1.05	-5.76	-2.40	-4.41	2.13
1443	3	1699	12.02	6.56	2.72	3.01	6.26	-1.03	-0.28	-1.17	-0.36	-1.10	0.25
		1701	11.24	5.29	2.31	2.48	5.11	-0.70	-0.35	-1.25	-0.41	-1.19	0.22
		1733	11.15	4.82	2.65	2.65	4.81	-0.03	-0.44	-1.34	-0.47	-1.32	0.14
		1732	11.14	5.89	3.25	3.28	5.86	-0.27	-0.35	-1.15	-0.37	-1.13	0.12
1443	4	1699	24.13	9.27	2.09	2.51	8.85	1.70	-0.49	-3.34	-1.06	-2.77	1.14
		1701	23.41	7.39	1.05	1.43	7.01	1.51	-0.80	-3.46	-1.22	-3.04	0.97
		1733	18.47	8.41	-1.57	-0.70	7.54	2.82	-0.85	-2.55	-1.21	-2.19	0.69
		1732	17.00	10.32	-0.53	0.62	9.17	3.34	-0.39	-2.14	-0.89	-1.64	0.79
1444	1	1701	21.48	12.25	5.02	6.67	10.61	-3.03	-0.62	-2.18	-0.62	-2.17	0.11
		1703	19.82	9.68	4.71	5.70	8.69	-1.98	-0.66	-2.26	-0.67	-2.24	0.13
		1734	22.73	8.17	6.78	7.39	7.56	-0.69	-0.84	-3.10	-0.84	-3.10	0.08
		1733	23.55	10.63	7.27	8.62	9.28	-1.65	-0.76	-2.95	-0.76	-2.95	-0.01
1444	2	1701	62.68	18.31	1.88	3.17	17.02	4.42	-2.22	-9.56	-3.36	-8.42	2.66
		1703	61.44	14.39	0.04	0.93	13.49	3.47	-3.00	-9.72	-3.71	-9.01	2.06
		1734	51.87	17.06	-7.22	-5.55	15.39	6.15	-3.36	-7.73	-3.95	-7.15	1.49
		1733	48.12	21.13	-5.38	-2.72	18.48	7.96	-2.32	-6.85	-3.26	-5.91	1.84
1444	3	1701	11.27	5.30	2.31	2.48	5.12	-0.70	-0.35	-1.25	-0.41	-1.19	0.23
		1703	10.63	4.33	1.94	2.03	4.25	-0.44	-0.41	-1.30	-0.45	-1.25	0.19
		1734	11.13	4.04	2.05	2.06	4.03	0.14	-0.52	-1.47	-0.54	-1.45	0.14
		1733	11.14	4.81	2.64	2.64	4.81	-0.02	-0.45	-1.34	-0.47	-1.32	0.13
1444	4	1701	23.49	7.40	1.07	1.45	7.02	1.50	-0.79	-3.47	-1.22	-3.04	0.98
		1703	22.97	5.93	0.35	0.61	5.67	1.17	-1.08	-3.53	-1.35	-3.26	0.77
		1734	19.80	6.89	-2.32	-1.77	6.35	2.17	-1.25	-2.87	-1.46	-2.65	0.55
		1733	18.46	8.41	-1.60	-0.72	7.54	2.82	-0.86	-2.54	-1.21	-2.19	0.68
1445	1	1703	19.84	9.69	4.72	5.71	8.70	-1.99	-0.66	-2.26	-0.67	-2.24	0.14
		1705	18.43	7.64	4.42	4.84	7.23	-1.08	-0.68	-2.29	-0.69	-2.27	0.14
		1735	21.84	6.36	6.14	6.21	6.29	0.11	-0.89	-3.15	-0.90	-3.14	0.15
		1734	22.73	8.16	6.78	7.38	7.56	-0.68	-0.84	-3.10	-0.84	-3.09	0.08
1445	2	1703	61.61	14.40	0.08	0.96	13.51	3.45	-2.97	-9.76	-3.71	-9.02	2.12
		1705	60.80	11.51	-1.06	-0.66	11.12	2.19	-3.63	-9.82	-3.98	-9.46	1.43
		1735	54.92	14.08	-8.49	-7.72	13.32	4.09	-4.20	-8.36	-4.48	-8.08	1.04
		1734	51.85	17.06	-7.27	-5.59	15.38	6.17	-3.39	-7.71	-3.95	-7.15	1.46
1445	3	1703	10.65	4.34	1.94	2.03	4.25	-0.45	-0.40	-1.30	-0.45	-1.25	0.20
		1705	10.13	3.64	1.62	1.65	3.61	-0.25	-0.45	-1.32	-0.48	-1.30	0.15
		1735	11.07	3.50	1.52	1.55	3.47	0.24	-0.58	-1.55	-0.60	-1.53	0.12
		1734	11.13	4.04	2.04	2.05	4.03	0.15	-0.53	-1.47	-0.54	-1.45	0.13
1445	4	1703	23.03	5.93	0.37	0.62	5.68	1.17	-1.07	-3.54	-1.35	-3.26	0.78
		1705	22.70	4.87	-0.09	0.02	4.77	0.72	-1.32	-3.56	-1.45	-3.43	0.53
		1735	20.90	5.80	-2.82	-2.58	5.56	1.42	-1.56	-3.10	-1.66	-3.00	0.39
		1734	19.79	6.89	-2.34	-1.79	6.34	2.18	-1.25	-2.86	-1.46	-2.65	0.54
1446	1	1705	18.45	7.65	4.43	4.84	7.23	-1.08	-0.68	-2.29	-0.69	-2.27	0.15
		1707	17.26	6.21	4.04	4.08	6.16	-0.32	-0.69	-2.27	-0.71	-2.26	0.14
		1736	20.86	6.01	4.52	5.13	5.40	0.74	-0.91	-3.12	-0.93	-3.10	0.20
		1735	21.83	6.36	6.13	6.20	6.29	0.11	-0.89	-3.15	-0.90	-3.14	0.15
1446	2	1705	60.92	11.52	-1.03	-0.64	11.13	2.17	-3.60	-9.84	-3.98	-9.47	1.48
		1707	60.52	9.83	-1.74	-1.70	9.79	0.67	-4.07	-9.85	-4.16	-9.76	0.73
		1736	57.13	12.36	-9.36	-9.20	12.21	1.82	-4.76	-8.76	-4.83	-8.69	0.53
		1735	54.90	14.08	-8.52	-7.75	13.31	4.10	-4.22	-8.34	-4.48	-8.08	1.00
1446	3	1705	10.15	3.65	1.62	1.65	3.62	-0.25	-0.45	-1.32	-0.48	-1.30	0.15
		1707	9.75	3.20	1.34	1.35	3.19	-0.11	-0.48	-1.33	-0.49	-1.31	0.10
		1736	10.94	3.16	1.08	1.12	3.12	0.28	-0.62	-1.58	-0.64	-1.57	0.10
		1735	11.06	3.50	1.51	1.54	3.47	0.25	-0.59	-1.55	-0.60	-1.53	0.12
1446	4	1705	22.74	4.88	-0.08	0.02	4.77	0.71	-1.31	-3.57	-1.45	-3.43	0.55
		1707	22.57	4.28	-0.37	-0.37	4.27	0.18	-1.48	-3.57	-1.52	-3.54	0.27
		1736	21.71	5.19	-3.17	-3.13	5.14	0.60	-1.76	-3.25	-1.79	-3.22	0.20



		1735	20.89	5.80	-2.84	-2.59	5.55	1.43	-1.56	-3.09	-1.66	-3.00	0.37
1447	1	1707	17.27	6.21	4.04	4.09	6.16	-0.32	-0.69	-2.27	-0.71	-2.26	0.15
		1709	16.28	5.48	3.39	3.44	5.44	0.30	-0.70	-2.22	-0.71	-2.21	0.13
		1737	19.79	5.77	3.24	4.15	4.86	1.22	-0.90	-3.01	-0.93	-2.99	0.24
		1736	20.85	6.01	4.51	5.12	5.40	0.74	-0.91	-3.12	-0.93	-3.10	0.20
1447	2	1707	60.59	9.84	-1.72	-1.68	9.80	0.66	-4.05	-9.87	-4.16	-9.76	0.79
		1709	60.61	9.57	-2.27	-2.18	9.49	-1.00	-4.25	-9.88	-4.25	-9.88	-0.01
		1737	58.39	12.05	-10.04	-10.02	12.04	-0.58	-5.01	-8.95	-5.01	-8.95	-7.89e-03
		1736	57.12	12.36	-9.38	-9.23	12.20	1.83	-4.77	-8.75	-4.83	-8.69	0.50
1447	3	1707	9.76	3.20	1.34	1.35	3.20	-0.12	-0.48	-1.33	-0.49	-1.31	0.10
		1709	9.47	2.97	1.12	1.12	2.97	-0.03	-0.50	-1.31	-0.50	-1.31	0.04
		1737	10.74	3.00	0.74	0.77	2.96	0.27	-0.64	-1.56	-0.65	-1.55	0.07
		1736	10.94	3.16	1.07	1.11	3.12	0.28	-0.63	-1.58	-0.64	-1.57	0.10
1447	4	1707	22.60	4.28	-0.37	-0.36	4.27	0.17	-1.48	-3.58	-1.52	-3.54	0.29
		1709	22.61	4.21	-0.58	-0.54	4.17	-0.42	-1.55	-3.58	-1.55	-3.58	-2.98e-03
		1737	22.19	5.10	-3.44	-3.43	5.09	-0.27	-1.86	-3.32	-1.86	-3.32	-3.10e-03
		1736	21.71	5.18	-3.18	-3.14	5.14	0.61	-1.77	-3.24	-1.79	-3.22	0.18
1448	1	1709	16.29	5.49	3.40	3.44	5.44	0.30	-0.69	-2.22	-0.71	-2.21	0.14
		1711	15.47	5.30	2.65	2.90	5.04	0.78	-0.69	-2.13	-0.69	-2.12	0.11
		1738	18.64	5.65	2.27	3.30	4.62	1.56	-0.87	-2.83	-0.91	-2.80	0.26
		1737	19.79	5.77	3.23	4.15	4.86	1.22	-0.91	-3.01	-0.93	-2.99	0.23
1448	2	1709	60.63	9.57	-2.26	-2.18	9.49	-1.01	-4.25	-9.88	-4.25	-9.88	0.04
		1711	61.06	10.79	-2.72	-2.13	10.20	-2.76	-4.15	-9.94	-4.26	-9.84	-0.77
		1738	58.65	13.20	-10.59	-10.20	12.80	-3.05	-4.94	-8.95	-5.02	-8.87	-0.56
		1737	58.39	12.05	-10.05	-10.03	12.03	-0.57	-5.01	-8.96	-5.01	-8.96	-0.04
1448	3	1709	9.47	2.97	1.12	1.12	2.97	-0.03	-0.50	-1.31	-0.50	-1.31	0.04
		1711	9.29	2.94	0.97	0.97	2.94	2.54e-04	-0.50	-1.28	-0.50	-1.28	-0.02
		1738	10.46	3.00	0.49	0.50	2.98	0.20	-0.64	-1.49	-0.64	-1.49	0.03
		1737	10.73	3.00	0.73	0.77	2.96	0.27	-0.64	-1.56	-0.65	-1.55	0.07
1448	4	1709	22.62	4.21	-0.58	-0.54	4.17	-0.42	-1.55	-3.58	-1.55	-3.58	0.02
		1711	22.80	4.68	-0.73	-0.52	4.47	-1.05	-1.51	-3.61	-1.55	-3.57	-0.29
		1738	22.33	5.56	-3.65	-3.50	5.41	-1.16	-1.83	-3.32	-1.86	-3.29	-0.21
		1737	22.19	5.10	-3.44	-3.44	5.09	-0.26	-1.86	-3.32	-1.86	-3.32	-0.02
1449	1	1711	15.47	5.30	2.65	2.91	5.04	0.78	-0.68	-2.13	-0.69	-2.12	0.11
		1713	14.81	5.38	2.03	2.48	4.93	1.14	-0.66	-2.00	-0.67	-2.00	0.08
		1739	17.41	5.67	1.56	2.57	4.65	1.77	-0.82	-2.59	-0.86	-2.55	0.27
		1738	18.64	5.65	2.26	3.30	4.62	1.56	-0.87	-2.83	-0.91	-2.80	0.25
1449	2	1711	61.03	10.79	-2.73	-2.13	10.19	-2.77	-4.16	-9.93	-4.26	-9.84	-0.72
		1713	61.89	13.35	-2.92	-1.54	11.97	-4.53	-3.77	-10.02	-4.17	-9.61	-1.54
		1739	57.92	15.75	-10.95	-9.74	14.54	-5.54	-4.52	-8.74	-4.84	-8.42	-1.12
		1738	58.66	13.19	-10.59	-10.19	12.80	-3.04	-4.93	-8.96	-5.02	-8.87	-0.60
1449	3	1711	9.29	2.94	0.97	0.97	2.94	-1.17e-03	-0.50	-1.28	-0.50	-1.28	-0.02
		1713	9.21	3.09	0.90	0.90	3.09	-6.50e-03	-0.47	-1.24	-0.48	-1.23	-0.09
		1739	10.10	3.18	0.32	0.32	3.18	0.10	-0.62	-1.39	-0.62	-1.39	-4.95e-03
		1738	10.46	3.00	0.49	0.50	2.98	0.20	-0.64	-1.49	-0.64	-1.49	0.03
1449	4	1711	22.79	4.68	-0.73	-0.52	4.47	-1.05	-1.52	-3.60	-1.55	-3.57	-0.27
		1713	23.16	5.66	-0.77	-0.29	5.18	-1.69	-1.37	-3.64	-1.52	-3.48	-0.57
		1739	22.12	6.54	-3.76	-3.33	6.11	-2.07	-1.68	-3.25	-1.80	-3.13	-0.41
		1738	22.33	5.56	-3.64	-3.49	5.41	-1.16	-1.83	-3.32	-1.86	-3.29	-0.22
1450	1	1713	14.81	5.38	2.04	2.48	4.93	1.14	-0.66	-2.00	-0.67	-2.00	0.08
		1715	14.28	5.63	1.62	2.16	5.09	1.38	-0.63	-1.85	-0.63	-1.84	0.04
		1740	16.12	5.85	1.06	1.97	4.95	1.87	-0.74	-2.28	-0.79	-2.24	0.26
		1739	17.41	5.67	1.55	2.57	4.65	1.77	-0.82	-2.59	-0.86	-2.55	0.26
1450	2	1713	61.81	13.34	-2.94	-1.55	11.95	-4.55	-3.79	-9.99	-4.17	-9.61	-1.48
		1715	63.14	17.12	-2.64	-0.41	14.88	-6.25	-3.14	-10.07	-4.00	-9.21	-2.28
		1740	56.26	19.58	-10.92	-8.68	17.34	-7.97	-3.78	-8.32	-4.49	-7.61	-1.65
		1739	57.93	15.74	-10.93	-9.73	14.54	-5.53	-4.51	-8.76	-4.85	-8.42	-1.15
1450	3	1713	9.20	3.09	0.90	0.90	3.09	-8.11e-03	-0.47	-1.24	-0.48	-1.23	-0.09
		1715	9.22	3.43	0.90	0.90	3.43	-0.05	-0.43	-1.19	-0.46	-1.15	-0.16
		1740	9.69	3.55	0.22	0.22	3.55	-0.03	-0.57	-1.24	-0.57	-1.24	-0.05
		1739	10.10	3.18	0.32	0.32	3.18	0.10	-0.62	-1.39	-0.62	-1.39	-9.29e-03
1450	4	1713	23.13	5.65	-0.78	-0.30	5.17	-1.69	-1.38	-3.63	-1.52	-3.48	-0.55
		1715	23.70	7.10	-0.62	0.14	6.33	-2.31	-1.14	-3.66	-1.46	-3.34	-0.84
		1740	21.59	8.02	-3.73	-2.93	7.22	-2.95	-1.40	-3.09	-1.67	-2.83	-0.61
		1739	22.12	6.54	-3.75	-3.32	6.11	-2.06	-1.67	-3.25	-1.80	-3.13	-0.43
1451	1	1715	14.27	5.63	1.62	2.17	5.09	1.38	-0.63	-1.85	-0.63	-1.84	0.05
		1717	13.87	6.06	1.40	1.95	5.51	1.51	-0.58	-1.67	-0.58	-1.67	-2.94e-03
		1741	14.77	6.22	0.74	1.48	5.48	1.87	-0.64	-1.93	-0.69	-1.88	0.25
		1740	16.12	5.85	1.06	1.97	4.95	1.87	-0.74	-2.28	-0.79	-2.24	0.26
1451	2	1715	63.00	17.10	-2.66	-0.42	14.86	-6.27	-3.17	-10.03	-3.99	-9.21	-2.22
		1717	64.86	22.08	-1.67	1.29	19.11	-7.85	-2.34	-10.04	-3.74	-8.63	-2.97
		1741	53.84	24.64	-10.36	-7.05	21.33	-10.24	-2.73	-7.67	-3.95	-6.45	-2.13
		1740	56.28	19.58	-10.89	-8.65	17.34	-7.95	-3.77	-8.35	-4.51	-7.62	-1.68
1451	3	1715	9.21	3.43	0.90	0.90	3.43	-0.05	-0.43	-1.19	-0.46	-1.15	-0.15
		1717	9.33	3.97	0.97	0.98	3.97	-0.11	-0.36	-1.13	-0.43	-1.06	-0.22
		1741	9.23	4.12	0.19	0.19	4.11	-0.19	-0.49	-1.06	-0.50	-1.05	-0.09
		1740	9.69	3.55	0.22	0.22	3.55	-0.03	-0.57	-1.24	-0.57	-1.24	-0.05



1451	4	1715	23.65	7.09	-0.64	0.13	6.32	-2.31	-1.15	-3.65	-1.46	-3.34	-0.82
		1717	24.44	9.01	-0.23	0.78	8.00	-2.88	-0.83	-3.65	-1.36	-3.12	-1.10
		1741	20.81	9.96	-3.49	-2.33	8.80	-3.78	-1.02	-2.85	-1.47	-2.40	-0.79
		1740	21.59	8.01	-3.71	-2.92	7.22	-2.94	-1.40	-3.10	-1.67	-2.83	-0.63
1452	1	1717	13.85	6.06	1.40	1.95	5.51	1.50	-0.58	-1.66	-0.58	-1.66	4.89e-03
		1719	13.56	6.69	1.34	1.83	6.20	1.54	-0.53	-1.46	-0.53	-1.46	-0.05
		1742	13.40	6.82	0.53	1.09	6.26	1.80	-0.51	-1.53	-0.57	-1.47	0.24
		1741	14.77	6.23	0.73	1.48	5.49	1.88	-0.65	-1.93	-0.69	-1.88	0.25
1452	2	1717	64.66	22.05	-1.71	1.27	19.07	-7.87	-2.36	-9.98	-3.71	-8.63	-2.92
		1719	67.17	28.37	0.11	3.54	24.94	-9.23	-1.42	-9.88	-3.42	-7.88	-3.59
		1742	52.79	30.89	-9.08	-4.91	26.73	-12.22	-1.39	-6.76	-3.21	-4.93	-2.54
		1741	53.85	24.64	-10.30	-6.99	21.33	-10.22	-2.73	-7.72	-3.99	-6.45	-2.18
1452	3	1717	9.31	3.97	0.97	0.98	3.96	-0.12	-0.36	-1.13	-0.43	-1.06	-0.22
		1719	9.54	4.75	1.11	1.12	4.74	-0.20	-0.27	-1.06	-0.39	-0.94	-0.28
		1742	8.76	4.90	0.20	0.23	4.87	-0.34	-0.38	-0.85	-0.41	-0.82	-0.12
		1741	9.23	4.12	0.19	0.20	4.11	-0.18	-0.49	-1.06	-0.51	-1.05	-0.09
1452	4	1717	24.37	9.00	-0.24	0.78	7.98	-2.89	-0.84	-3.63	-1.35	-3.12	-1.08
		1719	25.43	11.46	0.46	1.63	10.29	-3.39	-0.49	-3.60	-1.25	-2.85	-1.33
		1742	19.89	12.38	-3.00	-1.55	10.94	-4.49	-0.52	-2.52	-1.20	-1.84	-0.95
		1741	20.81	9.96	-3.47	-2.31	8.81	-3.77	-1.01	-2.87	-1.48	-2.40	-0.81
1453	1	1719	13.53	6.68	1.34	1.83	6.19	1.54	-0.52	-1.46	-0.52	-1.46	-0.04
		1721	13.31	7.57	1.37	1.76	7.18	1.50	-0.46	-1.23	-0.47	-1.22	-0.09
		1743	12.07	7.68	0.38	0.79	7.27	1.69	-0.34	-1.10	-0.42	-1.02	0.23
		1742	13.40	6.83	0.53	1.09	6.27	1.80	-0.52	-1.52	-0.58	-1.47	0.23
1453	2	1719	66.90	28.31	0.05	3.52	24.85	-9.27	-1.41	-9.80	-3.33	-7.87	-3.53
		1721	70.21	36.37	2.73	6.21	32.89	-10.25	-0.48	-9.53	-3.08	-6.93	-4.09
		1743	59.44	38.33	-6.94	-2.41	33.79	-13.59	0.17	-5.57	-2.27	-3.13	-2.84
		1742	53.66	30.92	-9.00	-4.83	26.75	-12.20	-1.42	-6.88	-3.34	-4.95	-2.61
1453	3	1719	9.51	4.74	1.11	1.12	4.73	-0.20	-0.27	-1.06	-0.38	-0.94	-0.27
		1721	9.86	5.80	1.29	1.31	5.79	-0.28	-0.17	-0.98	-0.35	-0.81	-0.33
		1743	8.36	5.90	0.27	0.30	5.86	-0.45	-0.23	-0.62	-0.30	-0.55	-0.15
		1742	8.76	4.90	0.21	0.24	4.88	-0.34	-0.39	-0.86	-0.43	-0.82	-0.13
1453	4	1719	25.33	11.43	0.44	1.62	10.25	-3.40	-0.49	-3.57	-1.21	-2.84	-1.31
		1721	26.72	14.59	1.44	2.63	13.40	-3.76	-0.14	-3.48	-1.12	-2.50	-1.52
		1743	22.35	15.28	-2.20	-0.65	13.72	-4.98	0.06	-2.08	-0.85	-1.18	-1.06
		1742	19.94	12.39	-2.97	-1.52	10.95	-4.49	-0.53	-2.56	-1.24	-1.85	-0.97
1454	1	1721	13.29	7.54	1.38	1.77	7.16	1.49	-0.44	-1.23	-0.45	-1.22	-0.08
		1723	13.03	8.82	1.37	1.67	8.53	1.45	-0.39	-0.94	-0.41	-0.92	-0.11
		1744	10.98	8.80	0.27	0.59	8.48	1.64	-0.12	-0.69	-0.25	-0.57	0.24
		1743	12.06	7.70	0.39	0.80	7.29	1.69	-0.38	-1.09	-0.45	-1.02	0.22
1454	2	1721	69.77	36.23	2.66	6.21	32.67	-10.34	-0.37	-9.37	-2.85	-6.89	-4.02
		1723	73.79	46.91	5.84	8.73	44.03	-10.50	0.34	-8.79	-2.82	-5.63	-4.34
		1744	66.21	46.62	-3.58	0.39	42.66	-13.55	1.76	-4.14	-1.07	-1.31	-2.95
		1743	61.24	38.47	-6.83	-2.29	33.93	-13.60	0.06	-5.87	-2.62	-3.19	-2.95
1454	3	1721	9.82	5.78	1.29	1.31	5.76	-0.29	-0.16	-0.97	-0.32	-0.80	-0.32
		1723	10.29	7.26	1.44	1.46	7.24	-0.31	-0.08	-0.86	-0.31	-0.63	-0.36
		1744	8.25	7.11	0.37	0.40	7.08	-0.42	-0.06	-0.40	-0.17	-0.29	-0.16
		1743	8.36	5.92	0.28	0.31	5.88	-0.45	-0.25	-0.64	-0.34	-0.56	-0.16
1454	4	1721	26.55	14.53	1.42	2.63	13.32	-3.80	-0.10	-3.42	-1.04	-2.49	-1.49
		1723	28.29	18.74	2.57	3.55	17.76	-3.85	0.16	-3.21	-1.02	-2.02	-1.61
		1744	25.17	18.54	-0.99	0.34	17.21	-4.92	0.64	-1.56	-0.41	-0.51	-1.10
		1743	23.01	15.33	-2.16	-0.60	13.77	-4.99	0.01	-2.19	-0.98	-1.20	-1.10
1455	1	1723	12.95	8.74	1.40	1.68	8.46	1.41	-0.36	-0.94	-0.38	-0.92	-0.09
		1725	12.50	10.68	1.01	1.27	10.43	1.56	-0.22	-0.49	-0.26	-0.45	-0.10
		1745	10.56	10.06	0.15	0.55	9.67	1.94	0.15	-0.41	-0.05	-0.21	0.27
		1744	10.99	8.89	0.29	0.61	8.57	1.64	-0.21	-0.71	-0.33	-0.58	0.22
1455	2	1723	72.37	46.31	5.68	8.77	43.22	-10.77	0.63	-8.43	-2.30	-5.49	-4.24
		1725	76.80	62.27	7.64	9.01	60.90	-8.55	1.55	-6.88	-2.19	-3.13	-4.19
		1745	65.21	53.89	1.93	3.79	52.03	-9.65	2.76	-2.88	0.35	-0.48	-2.79
		1744	69.86	47.45	-3.34	0.66	43.45	-13.68	1.28	-5.03	-2.14	-1.61	-3.14
1455	3	1723	10.15	7.17	1.45	1.47	7.15	-0.35	-0.05	-0.83	-0.26	-0.62	-0.35
		1725	10.80	9.39	1.29	1.29	9.39	-0.11	0.08	-0.62	-0.22	-0.32	-0.35
		1745	8.91	8.35	0.56	0.56	8.35	0.05	0.09	-0.21	-4.72e-03	-0.12	-0.14
		1744	8.31	7.21	0.40	0.43	7.18	-0.43	-0.11	-0.47	-0.27	-0.31	-0.18
1455	4	1723	27.76	18.50	2.52	3.57	17.45	-3.96	0.27	-3.08	-0.83	-1.97	-1.58
		1725	29.84	24.79	3.13	3.59	24.34	-3.10	0.61	-2.52	-0.80	-1.11	-1.56
		1745	25.13	21.47	0.94	1.52	20.90	-3.38	1.02	-1.10	0.12	-0.19	-1.05
		1744	26.51	18.86	-0.90	0.44	17.52	-4.97	0.47	-1.89	-0.80	-0.62	-1.17
1456	1	1725	12.08	10.73	0.70	0.97	10.46	1.60	-0.22	-0.41	-0.27	-0.36	-0.08
		144	13.55	12.63	-0.25	0.15	12.24	2.23	0.79	0.36	0.74	0.41	-0.14
		176	12.26	11.52	-0.16	0.79	10.57	3.20	0.50	0.05	0.44	0.11	0.15
		1745	10.83	10.19	0.53	0.94	9.78	1.94	-0.08	-0.67	-0.37	-0.38	0.29
1456	2	1725	75.61	61.78	4.15	5.57	60.36	-8.93	1.97	-5.83	-1.80	-2.06	-3.90
		144	103.82	79.82	4.41	4.48	79.75	-2.24	8.84	-1.36	4.39	3.09	-5.06
		176	78.23	61.14	4.27	4.54	60.87	3.89	4.45	-1.71	3.05	-0.32	-2.58
		1745	62.84	56.01	7.21	8.89	54.33	-8.91	-0.03	-5.69	-3.07	-2.64	-2.82
1456	3	1725	10.28	9.36	0.92	0.92	9.36	-0.12	0.12	-0.53	-0.19	-0.22	-0.32



		144	12.85	11.72	0.40	0.44	11.67	0.71	0.86	-9.56e-03	0.50	0.35	-0.43
		176	11.06	9.76	0.33	0.63	9.46	1.64	0.39	-0.05	0.33	9.99e-03	-0.15
		1745	9.48	8.58	1.07	1.07	8.57	0.11	-0.19	-0.47	-0.34	-0.32	-0.14
1456	4	1725	29.24	24.62	1.81	2.28	24.15	-3.24	0.77	-2.14	-0.64	-0.72	-1.45
		144	40.10	31.69	1.71	1.73	31.68	-0.61	3.27	-0.54	1.58	1.15	-1.89
		176	30.80	24.51	1.59	1.74	24.36	1.85	1.63	-0.64	1.11	-0.12	-0.96
		1745	24.93	22.28	2.92	3.43	21.77	-3.11	3.48e-03	-2.13	-1.14	-0.99	-1.07
1457	1	1745	11.92	10.88	-0.18	0.95	9.75	3.35	-0.26	-0.61	-0.40	-0.46	0.18
		176	13.12	11.60	-0.05	0.97	10.59	3.29	0.57	0.02	0.43	0.16	0.24
		166	16.09	11.56	-1.27	-0.09	10.38	3.71	0.98	-0.10	0.58	0.30	0.52
		1746	13.20	10.38	-0.88	0.10	9.40	3.17	0.17	-0.71	-0.26	-0.28	0.44
1457	2	1745	64.88	53.83	7.92	8.64	53.11	5.71	2.70	-4.73	-2.20	0.17	-3.52
		176	67.74	59.20	3.56	4.13	58.63	5.59	6.28	1.00	4.58	2.69	-2.47
		166	74.46	56.48	-1.23	1.02	54.23	11.17	4.45	-0.87	2.85	0.73	-2.44
		1746	61.13	47.52	-1.63	-1.58	47.47	1.56	0.67	-3.55	-1.06	-1.82	-2.07
1457	3	1745	9.56	8.81	0.70	1.06	8.45	1.65	0.04	-0.41	-0.27	-0.11	-0.21
		176	9.88	9.62	0.34	0.67	9.28	1.73	0.52	0.22	0.46	0.28	-0.12
		166	10.20	9.34	-0.56	0.05	8.73	2.37	0.34	0.12	0.34	0.12	-0.04
		1746	8.96	8.04	-0.23	-0.01	7.82	1.34	-0.13	-0.20	-0.14	-0.19	-0.02
1457	4	1745	25.33	21.61	3.03	3.33	21.30	2.35	1.02	-1.74	-0.80	0.08	-1.31
		176	26.63	23.78	1.35	1.61	23.52	2.41	2.34	0.38	1.69	1.03	-0.92
		166	29.35	22.67	-0.57	0.38	21.72	4.58	1.62	-0.36	1.01	0.25	-0.92
		1746	24.09	19.13	-0.55	-0.51	19.09	0.86	0.27	-1.29	-0.37	-0.65	-0.77
1458	1	1744	11.20	9.43	-0.32	0.62	8.49	2.87	-0.18	-0.73	-0.33	-0.59	0.25
		1745	11.38	10.74	-0.41	0.64	9.69	3.25	0.06	-0.38	-0.06	-0.26	0.19
		1746	12.93	10.37	-0.78	0.24	9.35	3.21	0.13	-0.79	-0.27	-0.38	0.46
		1747	12.04	9.12	-0.69	0.28	8.15	2.92	-0.04	-1.13	-0.36	-0.82	0.49
1458	2	1744	54.98	42.90	0.32	0.33	42.89	0.91	1.38	-4.59	-2.09	-1.12	-2.94
		1745	65.21	52.77	3.79	4.29	52.27	4.90	4.21	-2.65	0.81	0.75	-3.43
		1746	60.75	47.67	-0.10	-0.03	47.60	1.75	0.06	-4.02	-1.83	-2.13	-2.04
		1747	62.67	39.35	-2.44	-2.30	39.20	-2.43	-1.14	-5.50	-2.25	-4.39	-1.90
1458	3	1744	8.65	7.26	0.24	0.40	7.10	1.05	-0.11	-0.42	-0.26	-0.27	-0.15
		1745	9.60	8.67	0.34	0.64	8.38	1.54	0.21	-0.21	0.03	-0.03	-0.20
		1746	9.00	8.04	-0.09	0.15	7.80	1.37	-0.20	-0.25	-0.20	-0.24	-0.02
		1747	9.25	6.77	-0.06	0.06	6.65	0.87	-0.27	-0.53	-0.27	-0.53	-8.30e-04
1458	4	1744	21.69	17.30	0.31	0.32	17.29	0.46	0.51	-1.72	-0.78	-0.43	-1.10
		1745	25.62	21.21	1.51	1.72	20.99	2.03	1.56	-1.00	0.28	0.27	-1.28
		1746	23.88	19.18	0.02	0.07	19.13	0.94	0.05	-1.47	-0.67	-0.75	-0.76
		1747	24.33	15.89	-0.74	-0.71	15.86	-0.72	-0.41	-2.01	-0.83	-1.59	-0.71
1459	1	1743	12.14	8.13	-0.08	0.79	7.27	2.52	-0.35	-1.11	-0.45	-1.02	0.25
		1744	11.32	9.38	-0.30	0.61	8.48	2.82	-0.13	-0.69	-0.25	-0.58	0.23
		1747	11.97	9.13	-0.69	0.28	8.16	2.94	-0.06	-1.15	-0.39	-0.82	0.50
		1748	12.62	8.05	-0.55	0.43	7.06	2.74	-0.19	-1.42	-0.47	-1.14	0.51
1459	2	1743	52.82	33.87	-2.57	-2.47	33.77	-1.89	-0.01	-5.49	-2.55	-2.96	-2.73
		1744	56.85	42.80	0.38	0.39	42.78	0.72	2.12	-4.08	-0.96	-0.99	-3.10
		1747	61.32	39.31	-2.74	-2.58	39.16	-2.52	-1.46	-5.57	-2.72	-4.31	-1.90
		1748	61.78	32.79	-6.54	-5.90	32.15	-4.95	-2.37	-6.70	-3.31	-5.77	-1.78
1459	3	1743	8.59	5.94	0.21	0.29	5.86	0.69	-0.26	-0.60	-0.33	-0.54	-0.13
		1744	8.81	7.24	0.26	0.41	7.09	1.01	-0.03	-0.39	-0.16	-0.26	-0.17
		1747	9.12	6.76	-0.08	0.03	6.65	0.87	-0.31	-0.52	-0.31	-0.52	1.42e-03
		1748	9.16	5.69	-0.17	-0.12	5.64	0.56	-0.38	-0.73	-0.38	-0.73	0.01
1459	4	1743	20.71	13.74	-0.70	-0.67	13.71	-0.62	-0.01	-2.05	-0.95	-1.11	-1.02
		1744	22.37	17.27	0.34	0.35	17.26	0.39	0.78	-1.53	-0.37	-0.39	-1.16
		1747	23.83	15.87	-0.85	-0.82	15.83	-0.75	-0.52	-2.04	-1.00	-1.56	-0.71
		1748	23.79	13.26	-2.19	-2.00	13.07	-1.72	-0.86	-2.46	-1.22	-2.10	-0.67
1460	1	1742	13.40	7.12	0.22	1.08	6.26	2.28	-0.50	-1.53	-0.58	-1.46	0.26
		1743	12.19	8.13	-0.07	0.79	7.27	2.51	-0.33	-1.10	-0.42	-1.02	0.24
		1748	12.59	8.05	-0.56	0.43	7.06	2.75	-0.20	-1.43	-0.49	-1.14	0.52
		1749	13.24	7.17	-0.34	0.73	6.10	2.63	-0.33	-1.69	-0.57	-1.45	0.51
1460	2	1742	53.03	27.04	-5.30	-4.98	26.72	-3.19	-1.40	-6.50	-3.23	-4.67	-2.45
		1743	53.63	33.94	-2.62	-2.52	33.84	-1.92	0.29	-5.40	-2.20	-2.91	-2.82
		1748	61.36	32.70	-6.55	-5.93	32.08	-4.90	-2.55	-6.72	-3.50	-5.77	-1.75
		1749	62.09	27.13	-9.90	-8.97	26.19	-5.81	-3.48	-7.74	-4.21	-7.01	-1.60
1460	3	1742	8.82	4.92	0.17	0.22	4.87	0.49	-0.39	-0.82	-0.42	-0.79	-0.11
		1743	8.65	5.95	0.21	0.29	5.87	0.68	-0.23	-0.60	-0.30	-0.53	-0.14
		1748	9.12	5.68	-0.18	-0.12	5.63	0.57	-0.40	-0.73	-0.40	-0.73	0.02
		1749	9.21	4.79	-0.26	-0.22	4.76	0.42	-0.47	-0.91	-0.47	-0.91	0.03
1460	4	1742	20.63	11.03	-1.68	-1.58	10.93	-1.13	-0.52	-2.42	-1.20	-1.74	-0.91
		1743	21.00	13.77	-0.72	-0.69	13.74	-0.63	0.10	-2.02	-0.82	-1.10	-1.05
		1748	23.63	13.23	-2.20	-2.01	13.04	-1.70	-0.92	-2.46	-1.29	-2.10	-0.65
		1749	23.72	11.02	-3.40	-3.10	10.71	-2.08	-1.27	-2.84	-1.55	-2.56	-0.60
1461	1	1741	14.74	6.35	0.59	1.46	5.48	2.06	-0.63	-1.93	-0.69	-1.87	0.27
		1742	13.41	7.12	0.22	1.08	6.26	2.27	-0.50	-1.53	-0.57	-1.46	0.26
		1749	13.24	7.17	-0.35	0.73	6.10	2.63	-0.33	-1.69	-0.58	-1.45	0.52
		1750	13.97	6.52	-0.03	1.16	5.32	2.53	-0.45	-1.94	-0.65	-1.74	0.51
1461	2	1741	53.99	21.79	-7.57	-7.11	21.33	-3.64	-2.65	-7.34	-3.88	-6.11	-2.06
		1742	53.29	27.08	-5.35	-5.03	26.76	-3.20	-1.28	-6.50	-3.13	-4.65	-2.49



		1749	62.02	27.11	-9.89	-8.97	26.18	-5.77	-3.56	-7.73	-4.27	-7.02	-1.56
		1750	63.10	22.45	-12.42	-11.46	21.48	-5.72	-4.40	-8.58	-4.90	-8.08	-1.36
1461	3	1741	9.17	4.14	0.15	0.18	4.11	0.37	-0.49	-1.03	-0.50	-1.02	-0.08
		1742	8.84	4.93	0.16	0.21	4.88	0.49	-0.38	-0.82	-0.41	-0.79	-0.11
		1749	9.20	4.79	-0.26	-0.22	4.75	0.43	-0.48	-0.91	-0.48	-0.91	0.03
		1750	9.37	4.08	-0.29	-0.26	4.05	0.37	-0.54	-1.08	-0.55	-1.08	0.05
1461	4	1741	20.85	8.96	-2.51	-2.36	8.81	-1.32	-0.98	-2.73	-1.44	-2.27	-0.77
		1742	20.72	11.05	-1.70	-1.60	10.95	-1.13	-0.48	-2.42	-1.17	-1.74	-0.93
		1749	23.70	11.01	-3.40	-3.10	10.70	-2.06	-1.30	-2.83	-1.57	-2.56	-0.58
		1750	23.96	9.16	-4.32	-4.00	8.84	-2.08	-1.61	-3.15	-1.81	-2.96	-0.51
1462	1	1740	16.11	5.80	1.09	1.95	4.95	1.82	-0.73	-2.29	-0.79	-2.24	0.28
		1741	14.75	6.35	0.60	1.46	5.49	2.06	-0.63	-1.93	-0.69	-1.87	0.27
		1750	13.97	6.52	-0.04	1.16	5.32	2.54	-0.45	-1.94	-0.65	-1.74	0.51
		1751	14.79	6.10	0.39	1.74	4.75	2.42	-0.54	-2.18	-0.71	-2.01	0.49
1462	2	1740	55.09	17.83	-9.23	-8.75	17.35	-3.59	-3.66	-7.94	-4.38	-7.22	-1.60
		1741	54.09	21.82	-7.61	-7.15	21.36	-3.65	-2.60	-7.34	-3.84	-6.10	-2.09
		1750	63.10	22.44	-12.41	-11.46	21.49	-5.70	-4.44	-8.57	-4.92	-8.09	-1.33
		1751	64.17	18.70	-14.11	-13.32	17.90	-5.05	-5.10	-9.23	-5.40	-8.93	-1.07
1462	3	1740	9.56	3.58	0.19	0.21	3.55	0.28	-0.56	-1.21	-0.56	-1.21	-0.04
		1741	9.18	4.15	0.15	0.18	4.11	0.37	-0.48	-1.03	-0.49	-1.02	-0.08
		1750	9.37	4.08	-0.29	-0.26	4.05	0.37	-0.54	-1.08	-0.55	-1.08	0.05
		1751	9.59	3.55	-0.24	-0.21	3.51	0.36	-0.59	-1.22	-0.60	-1.22	0.06
1462	4	1740	21.15	7.39	-3.13	-2.96	7.23	-1.32	-1.36	-2.95	-1.63	-2.68	-0.59
		1741	20.88	8.97	-2.52	-2.37	8.82	-1.32	-0.97	-2.73	-1.43	-2.27	-0.78
		1750	23.96	9.16	-4.32	-4.00	8.84	-2.07	-1.63	-3.14	-1.81	-2.96	-0.50
		1751	24.24	7.69	-4.95	-4.67	7.41	-1.85	-1.88	-3.38	-1.99	-3.27	-0.40
1463	1	1739	17.45	5.45	1.76	2.55	4.65	1.52	-0.82	-2.60	-0.86	-2.55	0.28
		1740	16.11	5.80	1.10	1.95	4.95	1.81	-0.73	-2.29	-0.78	-2.24	0.28
		1751	14.79	6.10	0.39	1.74	4.75	2.42	-0.54	-2.18	-0.71	-2.01	0.50
		1752	15.67	5.89	0.97	2.47	4.39	2.26	-0.61	-2.39	-0.74	-2.25	0.47
1463	2	1739	55.97	14.97	-10.23	-9.81	14.55	-3.24	-4.39	-8.33	-4.72	-8.00	-1.09
		1740	55.14	17.85	-9.26	-8.77	17.36	-3.59	-3.64	-7.95	-4.37	-7.22	-1.62
		1751	64.17	18.70	-14.11	-13.31	17.91	-5.04	-5.12	-9.22	-5.41	-8.94	-1.04
		1752	64.91	15.88	-15.02	-14.48	15.34	-4.04	-5.59	-9.67	-5.73	-9.53	-0.75
1463	3	1739	9.95	3.19	0.30	0.31	3.18	0.20	-0.61	-1.36	-0.61	-1.36	4.26e-04
		1740	9.57	3.58	0.19	0.21	3.55	0.28	-0.56	-1.21	-0.56	-1.21	-0.04
		1751	9.59	3.55	-0.25	-0.21	3.51	0.36	-0.59	-1.23	-0.60	-1.22	0.07
		1752	9.82	3.18	-0.11	-0.07	3.14	0.36	-0.63	-1.34	-0.63	-1.33	0.08
1463	4	1739	21.39	6.26	-3.50	-3.35	6.11	-1.21	-1.63	-3.09	-1.75	-2.97	-0.41
		1740	21.16	7.40	-3.14	-2.97	7.23	-1.32	-1.35	-2.95	-1.62	-2.68	-0.60
		1751	24.24	7.69	-4.95	-4.67	7.41	-1.85	-1.88	-3.38	-1.99	-3.27	-0.39
		1752	24.43	6.58	-5.29	-5.10	6.38	-1.51	-2.06	-3.54	-2.11	-3.49	-0.28
1464	1	1738	18.75	5.28	2.62	3.28	4.62	1.15	-0.87	-2.85	-0.91	-2.81	0.27
		1739	17.45	5.45	1.76	2.56	4.65	1.52	-0.82	-2.60	-0.86	-2.55	0.28
		1752	15.67	5.89	0.97	2.47	4.39	2.27	-0.61	-2.39	-0.74	-2.25	0.47
		1753	16.61	5.89	1.73	3.35	4.27	2.03	-0.66	-2.57	-0.76	-2.47	0.43
1464	2	1738	56.39	13.13	-10.59	-10.27	12.81	-2.75	-4.80	-8.52	-4.88	-8.44	-0.56
		1739	55.99	14.98	-10.25	-9.82	14.56	-3.25	-4.38	-8.34	-4.71	-8.00	-1.11
		1752	64.91	15.88	-15.02	-14.48	15.35	-4.03	-5.60	-9.67	-5.73	-9.53	-0.73
		1753	65.11	13.98	-15.20	-14.92	13.70	-2.86	-5.84	-9.91	-5.89	-9.86	-0.42
1464	3	1738	10.31	2.99	0.49	0.49	2.99	0.11	-0.63	-1.47	-0.63	-1.46	0.04
		1739	9.95	3.19	0.30	0.31	3.18	0.20	-0.61	-1.36	-0.61	-1.36	-1.45e-03
		1752	9.82	3.18	-0.12	-0.07	3.14	0.37	-0.63	-1.34	-0.64	-1.33	0.08
		1753	10.05	2.97	0.11	0.16	2.92	0.36	-0.64	-1.43	-0.65	-1.42	0.09
1464	4	1738	21.48	5.53	-3.65	-3.52	5.41	-1.05	-1.78	-3.16	-1.81	-3.13	-0.21
		1739	21.40	6.27	-3.51	-3.36	6.12	-1.21	-1.62	-3.10	-1.75	-2.97	-0.41
		1752	24.43	6.58	-5.29	-5.10	6.38	-1.50	-2.06	-3.54	-2.11	-3.49	-0.27
		1753	24.45	5.83	-5.36	-5.25	5.72	-1.09	-2.15	-3.63	-2.17	-3.61	-0.16
1465	1	1737	19.99	5.26	3.73	4.13	4.86	0.67	-0.91	-3.04	-0.94	-3.01	0.24
		1738	18.75	5.28	2.63	3.28	4.62	1.14	-0.87	-2.85	-0.91	-2.81	0.27
		1753	16.61	5.89	1.72	3.35	4.26	2.03	-0.66	-2.57	-0.76	-2.47	0.43
		1754	17.59	6.09	2.70	4.39	4.39	1.70	-0.69	-2.71	-0.76	-2.64	0.37
1465	2	1737	56.25	12.27	-10.32	-10.10	12.04	-2.23	-4.88	-8.53	-4.88	-8.53	-0.02
		1738	56.39	13.14	-10.59	-10.27	12.82	-2.76	-4.79	-8.53	-4.88	-8.44	-0.57
		1753	65.12	13.98	-15.20	-14.92	13.70	-2.85	-5.85	-9.90	-5.89	-9.86	-0.39
		1754	64.69	13.01	-14.68	-14.59	12.92	-1.63	-5.87	-9.93	-5.87	-9.92	-0.08
1465	3	1737	10.64	2.97	0.75	0.75	2.97	-0.02	-0.64	-1.53	-0.64	-1.53	0.07
		1738	10.32	2.99	0.49	0.49	2.99	0.10	-0.63	-1.47	-0.63	-1.46	0.04
		1753	10.05	2.97	0.11	0.16	2.92	0.36	-0.64	-1.43	-0.65	-1.42	0.10
		1754	10.27	2.91	0.45	0.50	2.87	0.33	-0.64	-1.49	-0.65	-1.48	0.10
1465	4	1737	21.40	5.18	-3.55	-3.46	5.09	-0.88	-1.81	-3.16	-1.81	-3.16	-8.71e-03
		1738	21.49	5.54	-3.65	-3.52	5.41	-1.05	-1.78	-3.16	-1.81	-3.13	-0.21
		1753	24.45	5.83	-5.36	-5.25	5.72	-1.09	-2.16	-3.63	-2.17	-3.61	-0.15
		1754	24.25	5.44	-5.17	-5.13	5.39	-0.66	-2.16	-3.63	-2.16	-3.63	-0.03
1466	1	1736	21.16	5.42	5.09	5.10	5.41	0.07	-0.92	-3.16	-0.94	-3.14	0.20
		1737	19.99	5.26	3.74	4.13	4.86	0.67	-0.91	-3.04	-0.94	-3.01	0.24
		1754	17.60	6.09	2.69	4.39	4.39	1.70	-0.69	-2.71	-0.76	-2.64	0.37



		1755	18.62	6.48	3.90	5.59	4.79	1.23	-0.70	-2.82	-0.74	-2.78	0.29
1466	2	1736	55.56	12.36	-9.44	-9.29	12.22	-1.79	-4.64	-8.35	-4.70	-8.28	0.50
		1737	56.24	12.27	-10.32	-10.09	12.05	-2.23	-4.88	-8.53	-4.88	-8.53	-0.03
		1754	64.70	13.01	-14.69	-14.59	12.92	-1.62	-5.87	-9.92	-5.87	-9.92	-0.05
		1755	63.62	12.97	-13.49	-13.48	12.97	-0.45	-5.67	-9.73	-5.68	-9.72	0.25
1466	3	1736	10.91	3.14	1.08	1.10	3.13	-0.19	-0.62	-1.56	-0.63	-1.55	0.10
		1737	10.64	2.97	0.75	0.76	2.97	-0.02	-0.64	-1.53	-0.64	-1.53	0.07
		1754	10.27	2.91	0.45	0.49	2.87	0.33	-0.64	-1.49	-0.65	-1.48	0.10
		1755	10.47	3.01	0.90	0.93	2.98	0.26	-0.62	-1.51	-0.63	-1.50	0.10
1466	4	1736	21.14	5.21	-3.23	-3.16	5.14	-0.74	-1.72	-3.10	-1.74	-3.07	0.19
		1737	21.40	5.19	-3.55	-3.46	5.10	-0.88	-1.81	-3.16	-1.81	-3.16	-0.01
		1754	24.26	5.44	-5.17	-5.13	5.39	-0.65	-2.16	-3.63	-2.16	-3.63	-0.02
		1755	23.85	5.40	-4.72	-4.72	5.40	-0.24	-2.09	-3.56	-2.09	-3.56	0.09
1467	1	1735	22.26	6.93	5.55	6.18	6.29	-0.69	-0.91	-3.21	-0.92	-3.20	0.15
		1736	21.16	5.42	5.09	5.11	5.40	0.06	-0.92	-3.16	-0.94	-3.14	0.20
		1755	18.62	6.49	3.89	5.59	4.79	1.23	-0.70	-2.82	-0.74	-2.78	0.29
		1756	19.69	7.15	5.29	6.94	5.50	0.60	-0.68	-2.88	-0.70	-2.87	0.19
1467	2	1735	54.40	13.43	-7.94	-7.82	13.32	-1.53	-4.09	-7.98	-4.36	-7.71	0.99
		1736	55.54	12.37	-9.43	-9.28	12.22	-1.79	-4.64	-8.34	-4.70	-8.28	0.49
		1755	63.63	12.97	-13.49	-13.49	12.96	-0.44	-5.66	-9.74	-5.68	-9.72	0.28
		1756	61.97	13.86	-11.57	-11.56	13.84	0.56	-5.24	-9.34	-5.32	-9.26	0.56
1467	3	1735	11.15	3.56	1.45	1.53	3.48	-0.41	-0.58	-1.54	-0.60	-1.52	0.12
		1736	10.91	3.14	1.09	1.10	3.13	-0.19	-0.62	-1.56	-0.63	-1.55	0.10
		1755	10.47	3.01	0.90	0.93	2.98	0.26	-0.62	-1.51	-0.63	-1.50	0.11
		1756	10.66	3.27	1.47	1.47	3.26	0.12	-0.58	-1.50	-0.59	-1.49	0.10
1467	4	1735	20.72	5.61	-2.67	-2.62	5.56	-0.67	-1.52	-2.96	-1.62	-2.86	0.37
		1736	21.13	5.21	-3.22	-3.16	5.15	-0.74	-1.72	-3.09	-1.74	-3.07	0.18
		1755	23.85	5.40	-4.73	-4.72	5.40	-0.24	-2.09	-3.56	-2.09	-3.56	0.10
		1756	23.24	5.73	-4.01	-4.01	5.73	0.11	-1.93	-3.41	-1.96	-3.38	0.21
1468	1	1734	23.29	9.08	5.84	7.36	7.57	-1.61	-0.86	-3.17	-0.86	-3.17	0.07
		1735	22.25	6.93	5.55	6.19	6.29	-0.69	-0.91	-3.21	-0.92	-3.20	0.15
		1756	19.69	7.16	5.28	6.94	5.50	0.60	-0.68	-2.88	-0.70	-2.87	0.19
		1757	20.79	8.44	6.54	8.41	6.57	-0.23	-0.64	-2.90	-0.64	-2.90	0.06
1468	2	1734	52.95	15.51	-5.79	-5.67	15.40	-1.57	-3.28	-7.40	-3.85	-6.83	1.42
		1735	54.37	13.44	-7.91	-7.80	13.33	-1.54	-4.10	-7.97	-4.36	-7.71	0.98
		1756	61.97	13.85	-11.58	-11.57	13.84	0.57	-5.24	-9.34	-5.32	-9.26	0.58
		1757	59.85	15.65	-8.87	-8.80	15.58	1.30	-4.62	-8.73	-4.80	-8.56	0.83
1468	3	1734	11.35	4.26	1.81	2.04	4.03	-0.71	-0.52	-1.46	-0.54	-1.45	0.13
		1735	11.15	3.56	1.45	1.53	3.48	-0.42	-0.58	-1.54	-0.60	-1.52	0.12
		1756	10.66	3.27	1.47	1.47	3.26	0.12	-0.58	-1.50	-0.59	-1.49	0.10
		1757	10.84	3.73	2.11	2.11	3.73	-0.09	-0.52	-1.46	-0.53	-1.45	0.08
1468	4	1734	20.23	6.41	-1.88	-1.82	6.35	-0.70	-1.21	-2.74	-1.43	-2.53	0.53
		1735	20.71	5.61	-2.67	-2.61	5.56	-0.67	-1.52	-2.95	-1.62	-2.86	0.36
		1756	23.24	5.73	-4.01	-4.01	5.73	0.11	-1.93	-3.42	-1.96	-3.38	0.22
		1757	22.49	6.41	-3.00	-2.99	6.40	0.36	-1.70	-3.19	-1.76	-3.13	0.31
1469	1	1733	24.28	11.71	6.18	8.59	9.29	-2.74	-0.78	-3.04	-0.78	-3.04	-0.02
		1734	23.28	9.08	5.84	7.36	7.56	-1.62	-0.86	-3.17	-0.86	-3.17	0.07
		1757	20.79	8.44	6.54	8.41	6.57	-0.22	-0.64	-2.90	-0.64	-2.90	0.06
		1758	21.93	10.64	7.40	9.98	8.05	-1.30	-0.55	-2.87	-0.55	-2.87	-0.10
1469	2	1733	51.47	18.69	-2.99	-2.80	18.50	-2.02	-2.24	-6.59	-3.18	-5.66	1.79
		1734	52.90	15.51	-5.75	-5.63	15.40	-1.58	-3.29	-7.39	-3.85	-6.82	1.41
		1757	59.86	15.64	-8.89	-8.82	15.57	1.31	-4.61	-8.74	-4.80	-8.56	0.86
		1758	57.50	18.34	-5.30	-5.19	18.22	1.67	-3.82	-7.94	-4.11	-7.65	1.05
1469	3	1733	11.55	5.28	2.16	2.62	4.82	-1.10	-0.45	-1.34	-0.47	-1.32	0.13
		1734	11.35	4.26	1.81	2.04	4.03	-0.72	-0.52	-1.46	-0.54	-1.45	0.13
		1757	10.84	3.73	2.11	2.11	3.73	-0.09	-0.52	-1.46	-0.53	-1.45	0.08
		1758	11.04	4.51	2.75	2.85	4.41	-0.40	-0.45	-1.37	-0.45	-1.37	0.05
1469	4	1733	19.73	7.64	-0.85	-0.76	7.55	-0.89	-0.83	-2.45	-1.18	-2.10	0.66
		1734	20.20	6.41	-1.87	-1.81	6.35	-0.71	-1.22	-2.74	-1.43	-2.53	0.52
		1757	22.49	6.41	-3.01	-2.99	6.40	0.37	-1.69	-3.19	-1.76	-3.12	0.32
		1758	21.67	7.45	-1.67	-1.65	7.42	0.48	-1.40	-2.90	-1.51	-2.79	0.39
1470	1	1732	25.26	14.88	6.51	9.85	11.54	-4.10	-0.65	-2.82	-0.66	-2.81	-0.13
		1733	24.27	11.71	6.17	8.60	9.28	-2.75	-0.78	-3.04	-0.78	-3.04	-0.02
		1758	21.93	10.64	7.40	9.99	8.05	-1.29	-0.55	-2.87	-0.55	-2.87	-0.09
		1759	23.09	13.59	8.02	11.60	10.01	-2.67	-0.41	-2.79	-0.44	-2.76	-0.28
1470	2	1732	50.33	23.15	0.40	0.81	22.75	-2.99	-1.02	-5.56	-2.34	-4.24	2.06
		1733	51.40	18.69	-2.95	-2.76	18.49	-2.03	-2.25	-6.58	-3.18	-5.66	1.77
		1758	57.50	18.33	-5.32	-5.20	18.21	1.68	-3.81	-7.95	-4.11	-7.65	1.08
		1759	55.21	21.96	-0.79	-0.68	21.86	1.52	-2.87	-6.96	-3.27	-6.56	1.21
1470	3	1732	11.78	6.62	2.51	3.26	5.86	-1.60	-0.35	-1.17	-0.37	-1.15	0.11
		1733	11.54	5.28	2.17	2.63	4.81	-1.11	-0.45	-1.34	-0.47	-1.32	0.13
		1758	11.04	4.50	2.75	2.85	4.41	-0.40	-0.45	-1.37	-0.45	-1.37	0.05
		1759	11.28	5.67	3.31	3.66	5.32	-0.84	-0.36	-1.26	-0.36	-1.26	0.01
1470	4	1732	19.38	9.37	0.40	0.58	9.18	-1.27	-0.38	-2.06	-0.87	-1.57	0.76
		1733	19.71	7.64	-0.83	-0.74	7.54	-0.89	-0.83	-2.44	-1.18	-2.10	0.66
		1758	21.67	7.44	-1.68	-1.65	7.42	0.48	-1.39	-2.90	-1.51	-2.79	0.40
		1759	20.90	8.85	-1.61e-03	0.02	8.83	0.40	-1.05	-2.54	-1.20	-2.39	0.45



1471	1	1731	26.33	18.69	6.77	11.04	14.42	-5.71	-0.48	-2.51	-0.51	-2.47	-0.26
		1732	25.25	14.89	6.49	9.86	11.52	-4.11	-0.65	-2.82	-0.66	-2.81	-0.14
		1759	23.10	13.58	8.03	11.61	10.01	-2.66	-0.41	-2.79	-0.44	-2.76	-0.27
		1760	24.31	17.26	8.44	13.17	12.53	-4.40	-0.20	-2.66	-0.30	-2.56	-0.48
1471	2	1731	49.98	29.20	4.27	5.17	28.29	-4.67	0.33	-4.29	-1.36	-2.61	2.22
		1732	50.23	23.14	0.45	0.86	22.73	-3.02	-1.04	-5.54	-2.35	-4.23	2.05
		1759	55.22	21.95	-0.81	-0.70	21.85	1.54	-2.86	-6.97	-3.27	-6.56	1.23
		1760	53.44	26.61	4.71	4.73	26.59	0.69	-1.81	-5.83	-2.29	-5.35	1.30
1471	3	1731	12.10	8.33	2.82	3.94	7.21	-2.22	-0.24	-0.94	-0.25	-0.93	0.09
		1732	11.77	6.62	2.50	3.27	5.86	-1.60	-0.36	-1.17	-0.37	-1.15	0.11
		1759	11.28	5.67	3.31	3.66	5.32	-0.83	-0.36	-1.26	-0.36	-1.26	0.01
		1760	11.60	7.26	3.77	4.52	6.51	-1.44	-0.24	-1.11	-0.24	-1.11	-0.04
1471	4	1731	19.32	11.71	1.82	2.20	11.33	-1.91	0.12	-1.60	-0.50	-0.97	0.83
		1732	19.34	9.36	0.42	0.61	9.18	-1.28	-0.38	-2.06	-0.87	-1.57	0.76
		1759	20.91	8.85	-9.95e-03	9.13e-03	8.83	0.41	-1.04	-2.54	-1.20	-2.38	0.46
		1760	20.35	10.67	2.01	2.01	10.67	0.07	-0.65	-2.12	-0.83	-1.94	0.48
1472	1	1730	27.63	23.24	6.84	12.04	18.04	-7.63	-0.23	-2.12	-0.32	-2.02	-0.42
		1731	26.31	18.70	6.74	11.05	14.39	-5.74	-0.48	-2.51	-0.51	-2.47	-0.27
		1760	24.32	17.26	8.47	13.19	12.54	-4.38	-0.20	-2.66	-0.30	-2.56	-0.48
		1761	25.62	21.76	8.53	14.59	15.70	-6.59	0.09	-2.47	-0.13	-2.25	-0.71
1472	2	1730	50.99	37.31	8.35	10.30	35.36	-7.26	1.74	-2.81	-0.22	-0.85	2.26
		1731	49.85	29.18	4.32	5.24	28.26	-4.71	0.30	-4.28	-1.37	-2.61	2.21
		1760	53.46	26.62	4.68	4.70	26.60	0.72	-1.78	-5.84	-2.28	-5.34	1.33
		1761	52.80	32.59	11.01	11.06	32.54	-1.07	-0.67	-4.59	-1.17	-4.08	1.32
1472	3	1730	12.62	10.46	3.08	4.62	8.92	-3.00	-0.11	-0.67	-0.11	-0.67	0.05
		1731	12.09	8.33	2.82	3.95	7.20	-2.23	-0.24	-0.94	-0.25	-0.93	0.09
		1760	11.60	7.25	3.78	4.52	6.51	-1.43	-0.24	-1.11	-0.24	-1.11	-0.04
		1761	12.06	9.28	4.10	5.39	7.99	-2.24	-0.10	-0.94	-0.11	-0.92	-0.11
1472	4	1730	19.78	14.83	3.32	4.10	14.06	-2.89	0.64	-1.05	-0.08	-0.32	0.84
		1731	19.28	11.70	1.84	2.23	11.31	-1.92	0.11	-1.59	-0.51	-0.97	0.82
		1760	20.36	10.68	2.01	2.01	10.67	0.09	-0.64	-2.12	-0.83	-1.93	0.49
		1761	20.24	13.02	4.31	4.35	12.98	-0.61	-0.23	-1.66	-0.42	-1.47	0.49
1473	1	1729	29.45	28.70	6.50	12.68	22.52	-9.95	0.11	-1.69	-0.10	-1.47	-0.58
		1730	27.60	23.26	6.78	12.05	17.99	-7.68	-0.23	-2.12	-0.32	-2.02	-0.42
		1761	25.64	21.75	8.59	14.61	15.72	-6.56	0.09	-2.47	-0.13	-2.25	-0.71
		1762	29.74	27.20	8.03	15.67	19.55	-9.38	0.48	-2.22	0.08	-1.82	-0.96
1473	2	1729	54.14	48.12	12.28	16.18	44.21	-11.17	3.13	-1.14	1.05	0.94	2.14
		1730	50.79	37.29	8.38	10.38	35.29	-7.33	1.69	-2.81	-0.28	-0.85	2.23
		1761	52.86	32.62	11.00	11.05	32.58	-1.02	-0.62	-4.59	-1.14	-4.07	1.34
		1762	54.12	40.52	17.59	18.36	39.75	-4.13	0.51	-3.31	0.03	-2.83	1.26
1473	3	1729	13.49	13.09	3.19	5.23	11.05	-4.00	0.04	-0.38	0.04	-0.38	-0.01
		1730	12.60	10.46	3.06	4.63	8.90	-3.02	-0.11	-0.67	-0.12	-0.67	0.04
		1761	12.07	9.28	4.12	5.40	8.00	-2.23	-0.09	-0.94	-0.11	-0.92	-0.11
		1762	12.76	11.80	4.24	6.24	9.80	-3.34	0.08	-0.75	0.04	-0.70	-0.19
1473	4	1729	21.05	18.97	4.77	6.27	17.48	-4.36	1.16	-0.43	0.39	0.34	0.79
		1730	19.71	14.82	3.33	4.13	14.03	-2.92	0.62	-1.05	-0.10	-0.32	0.83
		1761	20.26	13.04	4.30	4.34	13.00	-0.59	-0.21	-1.66	-0.41	-1.46	0.50
		1762	20.88	16.13	6.68	7.03	15.78	-1.78	0.21	-1.19	0.03	-1.00	0.47
1474	1	1728	36.15	35.27	5.39	12.78	27.88	-12.89	0.54	-1.28	0.12	-0.87	-0.76
		1729	29.41	28.73	6.39	12.68	22.44	-10.05	0.12	-1.69	-0.10	-1.47	-0.59
		1762	29.63	27.20	8.14	15.71	19.63	-9.33	0.48	-2.22	0.08	-1.82	-0.96
		1763	39.34	33.67	6.57	16.26	23.98	-12.98	1.00	-1.90	0.32	-1.22	-1.23
1474	2	1728	61.47	62.21	15.66	23.03	54.84	-16.99	4.37	0.61	2.46	2.52	1.88
		1729	53.76	48.11	12.21	16.23	44.10	-11.32	3.00	-1.19	0.87	0.94	2.09
		1762	54.36	40.60	17.65	18.38	39.86	-4.05	0.61	-3.31	0.13	-2.84	1.28
		1763	58.01	51.35	23.36	26.60	48.11	-8.95	1.63	-2.04	1.22	-1.63	1.16
1474	3	1728	15.24	16.31	3.04	5.74	13.60	-5.35	0.24	-0.10	0.21	-0.08	-0.08
		1729	13.46	13.10	3.16	5.23	11.02	-4.04	0.03	-0.38	0.03	-0.37	-0.02
		1762	12.79	11.80	4.28	6.25	9.83	-3.31	0.09	-0.75	0.05	-0.70	-0.19
		1763	14.24	14.84	4.02	6.99	11.87	-4.82	0.30	-0.54	0.20	-0.43	-0.28
1474	4	1728	23.87	24.36	6.01	8.78	21.59	-6.56	1.62	0.22	0.91	0.93	0.70
		1729	20.91	18.97	4.75	6.29	17.43	-4.42	1.11	-0.45	0.32	0.34	0.78
		1762	20.97	16.16	6.71	7.04	15.83	-1.75	0.24	-1.19	0.06	-1.00	0.48
		1763	22.50	20.30	8.77	10.05	19.02	-3.63	0.63	-0.71	0.47	-0.56	0.43
1475	1	1727	47.21	42.69	3.12	12.36	33.45	-16.74	0.91	-1.03	0.23	-0.35	-0.92
		1728	36.68	35.43	5.13	12.74	27.82	-13.14	0.61	-1.27	0.20	-0.85	-0.78
		1763	38.79	33.67	6.74	16.34	24.07	-12.90	0.93	-1.89	0.28	-1.24	-1.19
		1764	52.27	41.05	3.76	16.17	28.64	-17.57	1.80	-1.43	0.69	-0.31	-1.53
1475	2	1727	78.56	78.36	18.99	32.08	65.27	-24.61	5.27	1.83	3.87	3.23	1.69
		1728	61.86	62.64	15.29	23.02	54.91	-17.50	4.09	0.41	1.95	2.55	1.81
		1763	58.97	51.43	23.59	26.88	48.14	-8.99	1.76	-2.16	1.38	-1.78	1.16
		1764	62.74	65.80	26.88	34.80	57.88	-15.67	2.89	-0.23	2.51	0.15	1.02
1475	3	1727	20.25	19.94	2.52	6.24	16.22	-7.14	0.42	0.07	0.35	0.14	-0.14
		1728	15.45	16.39	2.92	5.72	13.59	-5.47	0.23	-0.10	0.20	-0.07	-0.09
		1763	14.08	14.85	4.09	7.04	11.91	-4.79	0.29	-0.55	0.20	-0.45	-0.26
		1764	20.01	18.36	3.29	7.53	14.11	-6.78	0.63	-0.25	0.41	-0.04	-0.38
1475	4	1727	30.40	30.52	7.21	12.08	25.65	-9.47	1.96	0.67	1.43	1.20	0.63



		1728	24.04	24.52	5.87	8.77	21.61	-6.76	1.51	0.14	0.72	0.93	0.68
		1763	22.86	20.34	8.86	10.16	19.04	-3.64	0.67	-0.76	0.52	-0.61	0.43
		1764	24.44	25.81	10.02	13.05	22.78	-6.22	1.09	-0.04	0.95	0.10	0.38
1476	1	200	59.87	48.46	1.30	13.30	36.46	-20.54	1.92	-0.34	0.60	0.97	-1.11
		1727	48.93	43.54	2.71	12.60	33.65	-17.49	1.24	-1.09	0.62	-0.47	-1.03
		1764	50.98	40.93	3.92	16.15	28.71	-17.41	1.78	-1.08	0.81	-0.11	-1.36
		275	67.00	47.83	-1.26	13.66	32.90	-22.58	2.82	-1.36	1.29	0.17	-2.01
1476	2	200	97.88	84.26	32.95	49.00	68.21	-23.79	7.13	3.84	7.01	3.96	0.62
		1727	78.42	82.01	18.99	34.97	66.03	-27.42	4.52	1.08	2.76	2.84	1.72
		1764	61.89	65.05	27.49	34.69	57.85	-14.79	3.23	-0.09	2.67	0.48	1.24
		275	86.12	82.40	21.15	34.06	69.49	-24.98	7.57	1.81	7.36	2.03	1.09
1476	3	200	25.40	22.25	2.94	7.75	17.44	-8.35	0.96	0.38	0.71	0.64	-0.29
		1727	20.95	20.48	2.38	6.52	16.34	-7.60	0.48	7.17e-03	0.40	0.09	-0.18
		1764	19.61	18.26	3.39	7.52	14.13	-6.66	0.64	-0.12	0.47	0.05	-0.31
		275	26.15	21.81	1.24	6.70	16.35	-9.09	1.17	-0.08	0.91	0.19	-0.51
1476	4	200	37.61	32.82	12.34	18.32	26.84	-9.31	2.65	1.48	2.60	1.52	0.23
		1727	30.49	31.87	7.21	13.15	25.93	-10.54	1.69	0.41	1.04	1.07	0.64
		1764	24.13	25.53	10.25	13.01	22.77	-5.88	1.23	0.02	1.02	0.22	0.46
		275	32.93	32.14	7.80	12.75	27.19	-9.80	2.78	0.65	2.70	0.74	0.41
1477	1	1746	13.82	10.51	-0.76	0.37	9.38	3.37	0.16	-0.87	-0.34	-0.37	0.51
		166	16.05	11.56	-1.48	-0.33	10.41	3.69	1.06	-9.10e-03	0.71	0.34	0.50
		175	15.38	11.17	-0.50	0.95	9.72	3.85	0.74	-0.29	0.28	0.16	0.51
		1765	16.58	9.75	-1.19	-0.32	8.88	2.95	0.74	-0.82	-0.17	0.09	0.77
1477	2	1746	59.95	47.66	-2.52	-2.37	47.51	2.76	0.10	-3.13	-1.22	-1.81	-1.59
		166	63.03	55.20	0.53	1.83	53.90	8.33	5.13	0.31	2.99	2.45	-2.39
		175	61.20	44.25	-0.34	2.36	41.55	10.64	4.08	-0.11	3.90	0.07	-0.86
		1765	44.85	41.37	5.84	5.91	41.31	-1.53	-1.04	-3.84	-3.30	-1.58	-1.10
1477	3	1746	8.96	8.09	-0.27	8.32e-03	7.81	1.50	-0.16	-0.23	-0.18	-0.22	0.02
		166	10.05	9.21	-0.46	0.04	8.71	2.14	0.41	0.28	0.39	0.29	-0.04
		175	8.72	8.21	-0.24	0.52	7.45	2.41	0.38	0.02	0.35	0.05	0.09
		1765	7.94	7.25	0.25	0.43	7.07	1.11	-0.04	-0.36	-0.30	-0.10	0.13
1477	4	1746	23.70	19.20	-0.89	-0.80	19.11	1.32	0.07	-1.15	-0.43	-0.64	-0.60
		166	24.94	22.17	0.11	0.68	21.59	3.52	1.89	0.09	1.07	0.92	-0.90
		175	24.21	18.03	-0.21	0.94	16.88	4.43	1.49	-0.05	1.43	0.02	-0.32
		1765	17.99	16.68	2.27	2.27	16.67	-0.22	-0.38	-1.44	-1.22	-0.60	-0.42
1478	1	1747	12.05	9.15	-0.68	0.29	8.18	2.93	-0.07	-1.16	-0.40	-0.83	0.50
		1746	13.46	10.35	-0.84	0.21	9.30	3.27	0.23	-0.80	-0.22	-0.35	0.51
		1765	16.09	9.93	-1.15	-0.21	8.99	3.08	0.73	-0.71	-0.06	0.08	0.71
		1766	15.09	8.96	-1.38	-0.43	8.01	2.97	0.62	-0.79	-0.15	-0.03	0.70
1478	2	1747	61.46	39.01	-2.65	-2.48	38.84	-2.67	-1.00	-5.32	-2.12	-4.20	-1.89
		1746	62.46	48.14	0.22	0.44	47.92	3.22	-0.56	-3.95	-1.96	-2.55	-1.67
		1765	42.54	39.50	-0.23	-0.05	39.32	-2.65	1.79	-0.44	0.91	0.43	-1.09
		1766	53.67	37.56	-7.79	-6.71	36.49	-6.91	0.18	-2.96	-2.31	-0.47	-1.27
1478	3	1747	9.14	6.74	-0.07	0.04	6.63	0.85	-0.27	-0.52	-0.27	-0.52	2.58e-03
		1746	9.11	8.10	-0.10	0.18	7.81	1.50	-0.19	-0.27	-0.20	-0.26	0.02
		1765	7.73	7.10	-0.15	2.25e-03	6.95	1.05	0.16	-0.08	0.03	0.04	0.12
		1766	7.38	6.38	-0.57	-0.52	6.33	0.61	-0.01	-0.28	-0.22	-0.07	0.11
1478	4	1747	23.87	15.76	-0.82	-0.78	15.72	-0.81	-0.35	-1.94	-0.78	-1.52	-0.71
		1746	24.57	19.37	0.13	0.25	19.26	1.49	-0.18	-1.45	-0.71	-0.92	-0.63
		1765	16.79	15.96	0.02	0.05	15.93	-0.65	0.66	-0.19	0.32	0.14	-0.41
		1766	20.61	15.07	-2.69	-2.38	14.76	-2.32	0.05	-1.11	-0.86	-0.20	-0.48
1479	1	1748	12.61	8.05	-0.55	0.44	7.06	2.74	-0.20	-1.43	-0.48	-1.14	0.51
		1747	11.92	9.13	-0.70	0.28	8.15	2.95	-0.04	-1.14	-0.37	-0.80	0.50
		1766	14.95	8.93	-1.36	-0.43	8.00	2.95	0.60	-0.80	-0.15	-0.05	0.70
		1767	13.96	8.04	-1.41	-0.37	7.00	2.96	0.47	-0.91	-0.21	-0.23	0.69
1479	2	1748	61.53	32.66	-6.61	-5.97	32.02	-4.96	-2.34	-6.65	-3.26	-5.73	-1.77
		1747	61.86	39.37	-2.59	-2.46	39.24	-2.31	-1.56	-5.64	-2.78	-4.42	-1.87
		1766	48.88	36.92	-8.02	-6.89	35.78	-7.04	0.71	-1.64	-0.87	-0.07	-1.11
		1767	51.52	32.68	-13.27	-11.59	30.99	-8.64	-0.49	-3.16	-2.50	-1.15	-1.15
1479	3	1748	9.14	5.68	-0.18	-0.12	5.62	0.56	-0.38	-0.73	-0.38	-0.73	0.02
		1747	9.15	6.77	-0.07	0.04	6.65	0.89	-0.31	-0.53	-0.31	-0.53	4.76e-03
		1766	7.10	6.31	-0.58	-0.53	6.26	0.58	0.04	-0.21	-0.12	-0.04	0.12
		1767	6.26	5.50	-0.85	-0.82	5.47	0.40	-0.10	-0.34	-0.26	-0.18	0.11
1479	4	1748	23.69	13.21	-2.21	-2.02	13.02	-1.72	-0.85	-2.44	-1.20	-2.09	-0.66
		1747	24.04	15.89	-0.79	-0.77	15.87	-0.67	-0.55	-2.07	-1.02	-1.60	-0.70
		1766	18.89	14.82	-2.77	-2.44	14.49	-2.38	0.25	-0.63	-0.33	-0.04	-0.42
		1767	19.64	13.12	-4.68	-4.15	12.58	-3.04	-0.20	-1.19	-0.94	-0.45	-0.43
1480	1	1749	13.24	7.17	-0.34	0.73	6.10	2.63	-0.33	-1.69	-0.57	-1.45	0.52
		1748	12.59	8.05	-0.56	0.44	7.06	2.75	-0.20	-1.42	-0.48	-1.14	0.51
		1767	13.94	8.02	-1.40	-0.37	6.99	2.95	0.47	-0.92	-0.21	-0.24	0.69
		1768	13.21	7.30	-1.32	-0.10	6.08	3.01	0.35	-1.04	-0.26	-0.42	0.69
1480	2	1749	62.05	27.08	-9.94	-9.00	26.14	-5.82	-3.49	-7.71	-4.19	-7.01	-1.57
		1748	61.54	32.71	-6.51	-5.89	32.10	-4.86	-2.53	-6.78	-3.52	-5.79	-1.79
		1767	49.52	32.52	-13.41	-11.69	30.81	-8.70	-0.38	-2.73	-2.06	-1.04	-1.06
		1768	49.72	28.04	-17.11	-15.31	26.24	-8.84	-1.40	-3.65	-3.05	-1.99	-0.99
1480	3	1749	9.21	4.79	-0.26	-0.23	4.75	0.42	-0.47	-0.91	-0.47	-0.91	0.03
		1748	9.13	5.68	-0.17	-0.12	5.63	0.57	-0.39	-0.73	-0.40	-0.73	0.01



		1767	6.24	5.48	-0.85	-0.83	5.45	0.39	-0.07	-0.32	-0.23	-0.17	0.12
		1768	6.13	4.73	-1.00	-0.98	4.71	0.34	-0.18	-0.43	-0.31	-0.30	0.13
1480	4	1749	23.71	11.00	-3.42	-3.11	10.69	-2.08	-1.28	-2.83	-1.54	-2.56	-0.59
		1748	23.70	13.23	-2.18	-1.99	13.05	-1.68	-0.92	-2.49	-1.30	-2.11	-0.67
		1767	18.91	13.06	-4.73	-4.19	12.51	-3.06	-0.15	-1.03	-0.77	-0.41	-0.40
		1768	18.79	11.28	-6.09	-5.49	10.68	-3.17	-0.53	-1.37	-1.14	-0.76	-0.37
1481	1	1750	13.98	6.52	-0.03	1.17	5.32	2.53	-0.45	-1.95	-0.65	-1.74	0.51
		1749	13.25	7.17	-0.35	0.73	6.10	2.63	-0.33	-1.69	-0.57	-1.45	0.52
		1768	13.20	7.29	-1.31	-0.09	6.08	3.00	0.35	-1.04	-0.26	-0.42	0.69
		1769	12.67	6.78	-1.11	0.36	5.31	3.07	0.25	-1.15	-0.29	-0.61	0.68
1481	2	1750	63.13	22.42	-12.44	-11.47	21.45	-5.72	-4.41	-8.57	-4.89	-8.09	-1.33
		1749	62.12	27.10	-9.87	-8.95	26.18	-5.76	-3.54	-7.77	-4.27	-7.03	-1.60
		1768	49.02	27.97	-17.21	-15.40	26.16	-8.86	-1.37	-3.51	-2.91	-1.96	-0.96
		1769	48.63	23.83	-19.75	-18.20	22.28	-8.06	-2.24	-4.12	-3.61	-2.75	-0.84
1481	3	1750	9.38	4.08	-0.29	-0.26	4.05	0.37	-0.54	-1.08	-0.55	-1.08	0.05
		1749	9.21	4.79	-0.26	-0.22	4.75	0.43	-0.48	-0.92	-0.48	-0.91	0.03
		1768	6.13	4.72	-1.01	-0.99	4.70	0.34	-0.17	-0.43	-0.30	-0.29	0.13
		1769	6.06	4.10	-1.06	-1.03	4.07	0.38	-0.25	-0.52	-0.36	-0.41	0.14
1481	4	1750	23.97	9.15	-4.33	-4.00	8.83	-2.08	-1.62	-3.14	-1.80	-2.96	-0.50
		1749	23.73	11.01	-3.39	-3.09	10.70	-2.06	-1.29	-2.85	-1.57	-2.57	-0.60
		1768	18.54	11.26	-6.13	-5.52	10.65	-3.18	-0.52	-1.32	-1.09	-0.75	-0.36
		1769	18.25	9.63	-7.06	-6.54	9.10	-2.92	-0.84	-1.54	-1.35	-1.04	-0.31
1482	1	1751	14.80	6.10	0.40	1.75	4.75	2.42	-0.54	-2.18	-0.71	-2.01	0.50
		1750	13.99	6.52	-0.04	1.16	5.32	2.54	-0.45	-1.94	-0.65	-1.74	0.51
		1769	12.67	6.77	-1.10	0.37	5.30	3.07	0.25	-1.15	-0.29	-0.61	0.68
		1770	12.29	6.48	-0.78	1.00	4.70	3.13	0.16	-1.25	-0.30	-0.79	0.66
1482	2	1751	64.21	18.68	-14.12	-13.32	17.89	-5.06	-5.11	-9.23	-5.40	-8.94	-1.05
		1750	63.18	22.44	-12.40	-11.44	21.48	-5.69	-4.42	-8.60	-4.92	-8.10	-1.35
		1769	48.40	23.80	-19.82	-18.27	22.25	-8.07	-2.23	-4.07	-3.56	-2.74	-0.82
		1770	47.83	20.26	-21.38	-20.29	19.17	-6.66	-2.95	-4.45	-4.05	-3.35	-0.67
1482	3	1751	9.59	3.54	-0.24	-0.21	3.51	0.36	-0.59	-1.23	-0.60	-1.22	0.07
		1750	9.38	4.08	-0.29	-0.26	4.05	0.37	-0.54	-1.08	-0.55	-1.08	0.05
		1769	6.06	4.09	-1.07	-1.04	4.07	0.37	-0.24	-0.52	-0.36	-0.40	0.14
		1770	6.04	3.61	-1.03	-0.98	3.56	0.46	-0.30	-0.60	-0.40	-0.50	0.14
1482	4	1751	24.25	7.68	-4.95	-4.67	7.40	-1.86	-1.88	-3.38	-1.99	-3.27	-0.39
		1750	23.98	9.16	-4.32	-3.99	8.84	-2.07	-1.62	-3.15	-1.81	-2.96	-0.51
		1769	18.16	9.62	-7.09	-6.56	9.09	-2.93	-0.84	-1.52	-1.33	-1.04	-0.31
		1770	17.84	8.23	-7.67	-7.29	7.85	-2.43	-1.11	-1.67	-1.51	-1.26	-0.25
1483	1	1752	15.69	5.89	0.97	2.47	4.39	2.27	-0.61	-2.39	-0.74	-2.26	0.47
		1751	14.81	6.10	0.39	1.74	4.74	2.43	-0.54	-2.18	-0.71	-2.01	0.49
		1770	12.29	6.48	-0.78	1.01	4.70	3.13	0.16	-1.25	-0.31	-0.79	0.66
		1771	12.01	6.43	-0.32	1.82	4.28	3.14	0.07	-1.34	-0.30	-0.96	0.62
1483	2	1752	64.95	15.87	-15.02	-14.48	15.33	-4.05	-5.59	-9.68	-5.73	-9.54	-0.73
		1751	64.24	18.70	-14.09	-13.30	17.91	-5.04	-5.11	-9.24	-5.41	-8.95	-1.07
		1770	47.76	20.25	-21.43	-20.33	19.15	-6.66	-2.94	-4.44	-4.03	-3.35	-0.66
		1771	46.98	17.48	-22.16	-21.56	16.88	-4.87	-3.51	-4.63	-4.35	-3.78	-0.48
1483	3	1752	9.83	3.18	-0.11	-0.07	3.14	0.36	-0.62	-1.34	-0.63	-1.33	0.08
		1751	9.60	3.55	-0.24	-0.21	3.51	0.36	-0.59	-1.23	-0.60	-1.22	0.06
		1770	6.04	3.61	-1.03	-0.98	3.56	0.46	-0.30	-0.60	-0.40	-0.50	0.14
		1771	6.07	3.27	-0.90	-0.82	3.19	0.57	-0.34	-0.67	-0.42	-0.59	0.15
1483	4	1752	24.44	6.57	-5.29	-5.09	6.38	-1.51	-2.06	-3.55	-2.11	-3.49	-0.27
		1751	24.26	7.69	-4.94	-4.67	7.41	-1.85	-1.88	-3.39	-1.99	-3.27	-0.40
		1770	17.82	8.23	-7.69	-7.31	7.84	-2.44	-1.11	-1.66	-1.50	-1.26	-0.25
		1771	17.45	7.14	-7.96	-7.75	6.93	-1.80	-1.31	-1.73	-1.62	-1.42	-0.18
1484	1	1753	16.63	5.89	1.73	3.36	4.26	2.03	-0.66	-2.57	-0.76	-2.47	0.43
		1752	15.69	5.89	0.96	2.47	4.39	2.27	-0.61	-2.39	-0.74	-2.26	0.47
		1771	12.01	6.43	-0.31	1.83	4.28	3.14	0.07	-1.34	-0.30	-0.96	0.62
		1772	11.78	6.60	0.31	2.84	4.07	3.08	4.72e-05	-1.42	-0.29	-1.13	0.57
1484	2	1753	65.16	13.97	-15.19	-14.91	13.69	-2.86	-5.84	-9.91	-5.88	-9.87	-0.40
		1752	64.96	15.87	-15.01	-14.47	15.34	-4.03	-5.59	-9.68	-5.73	-9.54	-0.75
		1771	46.96	17.48	-22.19	-21.58	16.87	-4.87	-3.50	-4.62	-4.34	-3.78	-0.49
		1772	45.84	15.57	-22.20	-21.98	15.35	-2.87	-3.88	-4.62	-4.48	-4.02	-0.29
1484	3	1753	10.06	2.97	0.12	0.16	2.92	0.36	-0.64	-1.43	-0.65	-1.42	0.10
		1752	9.83	3.18	-0.11	-0.07	3.14	0.37	-0.63	-1.34	-0.63	-1.33	0.08
		1771	6.07	3.27	-0.90	-0.82	3.19	0.57	-0.34	-0.67	-0.42	-0.59	0.15
		1772	6.15	3.09	-0.67	-0.54	2.96	0.68	-0.36	-0.73	-0.43	-0.66	0.14
1484	4	1753	24.46	5.82	-5.36	-5.25	5.71	-1.09	-2.15	-3.63	-2.17	-3.61	-0.15
		1752	24.45	6.57	-5.28	-5.09	6.38	-1.50	-2.06	-3.55	-2.11	-3.49	-0.28
		1771	17.44	7.14	-7.97	-7.75	6.92	-1.80	-1.31	-1.73	-1.62	-1.42	-0.18
		1772	16.98	6.39	-7.97	-7.89	6.31	-1.09	-1.45	-1.73	-1.67	-1.51	-0.11
1485	1	1754	17.61	6.09	2.70	4.40	4.39	1.70	-0.69	-2.72	-0.76	-2.65	0.37
		1753	16.63	5.89	1.72	3.35	4.26	2.04	-0.66	-2.57	-0.76	-2.47	0.43
		1772	11.79	6.60	0.31	2.85	4.07	3.08	2.98e-04	-1.42	-0.29	-1.13	0.57
		1773	11.58	6.99	1.13	4.04	4.07	2.93	-0.06	-1.50	-0.25	-1.30	0.50
1485	2	1754	64.74	13.00	-14.67	-14.58	12.91	-1.63	-5.87	-9.93	-5.87	-9.93	-0.06
		1753	65.16	13.97	-15.19	-14.91	13.69	-2.85	-5.84	-9.91	-5.89	-9.87	-0.41
		1772	45.84	15.57	-22.20	-21.98	15.35	-2.87	-3.88	-4.62	-4.48	-4.02	-0.29



		1773	44.26	14.59	-21.54	-21.52	14.57	-0.80	-4.02	-4.47	-4.45	-4.05	-0.10
1485	3	1754	10.28	2.91	0.45	0.50	2.87	0.33	-0.64	-1.49	-0.65	-1.48	0.10
		1753	10.06	2.97	0.11	0.16	2.92	0.36	-0.64	-1.43	-0.65	-1.42	0.09
		1772	6.15	3.09	-0.66	-0.54	2.96	0.68	-0.36	-0.73	-0.43	-0.66	0.15
		1773	6.27	3.05	-0.32	-0.14	2.87	0.76	-0.36	-0.76	-0.41	-0.71	0.14
1485	4	1754	24.27	5.43	-5.16	-5.12	5.39	-0.65	-2.16	-3.64	-2.16	-3.64	-0.02
		1753	24.46	5.82	-5.36	-5.25	5.72	-1.09	-2.15	-3.63	-2.17	-3.61	-0.15
		1772	16.98	6.39	-7.98	-7.89	6.31	-1.09	-1.45	-1.73	-1.67	-1.51	-0.11
		1773	16.36	5.99	-7.73	-7.72	5.99	-0.35	-1.51	-1.67	-1.66	-1.52	-0.04
1486	1	1755	18.64	6.49	3.90	5.60	4.79	1.23	-0.70	-2.82	-0.74	-2.78	0.29
		1754	17.61	6.09	2.69	4.39	4.38	1.70	-0.69	-2.72	-0.76	-2.65	0.37
		1773	11.60	7.00	1.14	4.06	4.08	2.93	-0.06	-1.50	-0.25	-1.30	0.50
		1774	11.46	7.59	2.19	5.45	4.32	2.64	-0.09	-1.57	-0.21	-1.45	0.40
1486	2	1755	63.67	12.96	-13.47	-13.46	12.96	-0.45	-5.66	-9.75	-5.68	-9.73	0.27
		1754	64.73	13.00	-14.68	-14.58	12.91	-1.62	-5.87	-9.93	-5.87	-9.93	-0.07
		1773	44.24	14.60	-21.53	-21.51	14.58	-0.80	-4.02	-4.47	-4.45	-4.04	-0.10
		1774	42.14	14.56	-20.21	-20.17	14.52	1.24	-3.84	-4.27	-4.25	-3.86	0.09
1486	3	1755	10.48	3.01	0.91	0.94	2.98	0.26	-0.62	-1.51	-0.63	-1.50	0.11
		1754	10.28	2.91	0.45	0.50	2.87	0.33	-0.64	-1.49	-0.65	-1.48	0.10
		1773	6.27	3.06	-0.32	-0.14	2.87	0.76	-0.36	-0.76	-0.41	-0.71	0.14
		1774	6.44	3.16	0.15	0.37	2.93	0.80	-0.35	-0.78	-0.38	-0.74	0.12
1486	4	1755	23.86	5.40	-4.72	-4.71	5.40	-0.24	-2.08	-3.57	-2.09	-3.56	0.10
		1754	24.27	5.43	-5.17	-5.13	5.39	-0.65	-2.16	-3.64	-2.16	-3.64	-0.03
		1773	16.35	6.00	-7.72	-7.71	5.99	-0.35	-1.51	-1.67	-1.66	-1.52	-0.04
		1774	15.56	5.96	-7.23	-7.22	5.95	0.39	-1.44	-1.59	-1.58	-1.45	0.03
1487	1	1756	19.71	7.16	5.28	6.95	5.50	0.60	-0.68	-2.89	-0.70	-2.87	0.19
		1755	18.64	6.48	3.89	5.59	4.78	1.23	-0.70	-2.82	-0.74	-2.78	0.29
		1774	11.47	7.60	2.20	5.47	4.33	2.64	-0.09	-1.57	-0.21	-1.45	0.40
		1775	12.51	8.39	3.51	7.05	4.84	2.18	-0.10	-1.64	-0.15	-1.59	0.27
1487	2	1756	62.02	13.85	-11.55	-11.54	13.84	0.56	-5.24	-9.35	-5.32	-9.27	0.58
		1755	63.65	12.96	-13.49	-13.48	12.95	-0.44	-5.66	-9.74	-5.68	-9.73	0.26
		1774	42.12	14.57	-20.18	-20.14	14.53	1.24	-3.84	-4.27	-4.25	-3.86	0.09
		1775	39.54	15.49	-18.19	-17.89	15.19	3.15	-3.35	-4.02	-3.89	-3.48	0.27
1487	3	1756	10.67	3.27	1.47	1.48	3.26	0.12	-0.58	-1.50	-0.59	-1.49	0.10
		1755	10.48	3.01	0.90	0.93	2.97	0.26	-0.62	-1.51	-0.63	-1.50	0.10
		1774	6.44	3.16	0.15	0.38	2.93	0.80	-0.35	-0.78	-0.38	-0.74	0.12
		1775	6.66	3.40	0.76	1.02	3.14	0.78	-0.32	-0.77	-0.34	-0.75	0.10
1487	4	1756	23.26	5.73	-4.00	-4.00	5.73	0.11	-1.93	-3.42	-1.96	-3.39	0.22
		1755	23.86	5.40	-4.72	-4.72	5.39	-0.24	-2.08	-3.56	-2.09	-3.56	0.10
		1774	15.55	5.97	-7.22	-7.20	5.96	0.39	-1.44	-1.59	-1.58	-1.45	0.03
		1775	14.59	6.30	-6.46	-6.37	6.21	1.07	-1.26	-1.50	-1.45	-1.31	0.10
1488	1	1757	20.81	8.45	6.54	8.42	6.57	-0.23	-0.63	-2.91	-0.64	-2.91	0.06
		1756	19.71	7.16	5.27	6.94	5.49	0.60	-0.68	-2.89	-0.70	-2.87	0.18
		1775	12.51	8.40	3.51	7.07	4.85	2.18	-0.10	-1.64	-0.15	-1.59	0.27
		1776	13.89	9.42	5.08	8.83	5.67	1.49	-0.06	-1.71	-0.07	-1.70	0.12
1488	2	1757	59.92	15.64	-8.85	-8.78	15.57	1.31	-4.61	-8.75	-4.79	-8.57	0.85
		1756	61.99	13.84	-11.58	-11.57	13.82	0.57	-5.24	-9.34	-5.32	-9.26	0.57
		1775	39.50	15.50	-18.14	-17.85	15.21	3.14	-3.35	-4.02	-3.89	-3.48	0.27
		1776	36.65	17.33	-15.39	-14.67	16.61	4.81	-2.66	-3.62	-3.36	-2.92	0.42
1488	3	1757	10.85	3.73	2.11	2.12	3.73	-0.09	-0.52	-1.46	-0.53	-1.45	0.08
		1756	10.66	3.26	1.46	1.47	3.25	0.12	-0.58	-1.50	-0.59	-1.49	0.10
		1775	6.66	3.40	0.77	1.03	3.14	0.78	-0.32	-0.77	-0.34	-0.75	0.10
		1776	6.92	3.75	1.55	1.78	3.52	0.68	-0.27	-0.75	-0.28	-0.74	0.07
1488	4	1757	22.51	6.41	-2.99	-2.98	6.40	0.37	-1.69	-3.20	-1.76	-3.13	0.32
		1756	23.25	5.72	-4.01	-4.01	5.72	0.12	-1.93	-3.42	-1.96	-3.39	0.21
		1775	14.57	6.30	-6.45	-6.36	6.21	1.07	-1.26	-1.50	-1.45	-1.31	0.10
		1776	13.54	6.98	-5.41	-5.18	6.76	1.66	-1.00	-1.35	-1.25	-1.10	0.16
1489	1	1758	21.94	10.65	7.40	9.99	8.05	-1.30	-0.55	-2.88	-0.55	-2.87	-0.09
		1757	20.81	8.44	6.53	8.41	6.56	-0.22	-0.64	-2.91	-0.64	-2.91	0.06
		1776	13.90	9.44	5.09	8.85	5.68	1.49	-0.06	-1.71	-0.07	-1.70	0.12
		1777	15.41	10.84	6.78	10.77	6.85	0.53	0.03	-1.79	0.02	-1.78	-0.08
1489	2	1758	57.57	18.34	-5.28	-5.16	18.22	1.67	-3.81	-7.96	-4.11	-7.66	1.07
		1757	59.88	15.62	-8.89	-8.82	15.55	1.32	-4.62	-8.74	-4.79	-8.56	0.84
		1776	36.59	17.35	-15.32	-14.60	16.63	4.81	-2.66	-3.61	-3.36	-2.92	0.42
		1777	33.88	20.05	-11.69	-10.46	18.82	6.13	-1.84	-3.04	-2.67	-2.21	0.55
1489	3	1758	11.05	4.51	2.75	2.85	4.41	-0.40	-0.45	-1.38	-0.45	-1.37	0.05
		1757	10.85	3.73	2.11	2.11	3.72	-0.09	-0.52	-1.46	-0.53	-1.45	0.08
		1776	6.93	3.75	1.56	1.79	3.52	0.68	-0.27	-0.75	-0.28	-0.74	0.07
		1777	7.25	4.22	2.52	2.66	4.08	0.47	-0.20	-0.71	-0.20	-0.71	0.02
1489	4	1758	21.70	7.45	-1.66	-1.64	7.42	0.48	-1.39	-2.91	-1.51	-2.79	0.40
		1757	22.50	6.40	-3.01	-2.99	6.39	0.37	-1.69	-3.20	-1.76	-3.13	0.31
		1776	13.52	6.99	-5.38	-5.16	6.77	1.66	-1.00	-1.35	-1.25	-1.10	0.16
		1777	12.57	8.01	-4.02	-3.63	7.62	2.13	-0.70	-1.14	-1.00	-0.84	0.21
1490	1	1759	23.11	13.60	8.02	11.61	10.01	-2.67	-0.41	-2.79	-0.44	-2.76	-0.27
		1758	21.94	10.63	7.39	9.99	8.04	-1.30	-0.55	-2.88	-0.55	-2.87	-0.10
		1777	15.43	10.86	6.79	10.79	6.86	0.52	0.03	-1.79	0.03	-1.79	-0.08
		1778	17.01	12.96	8.31	12.82	8.44	-0.79	0.18	-1.86	0.14	-1.82	-0.31



1490	2	1759	55.30	21.96	-0.76	-0.66	21.86	1.53	-2.86	-6.98	-3.27	-6.57	1.23
		1758	57.51	18.31	-5.33	-5.21	18.19	1.69	-3.81	-7.95	-4.11	-7.65	1.06
		1777	33.83	20.08	-11.61	-10.38	18.85	6.12	-1.84	-3.04	-2.68	-2.21	0.55
		1778	32.02	23.55	-6.93	-5.25	21.86	6.96	-0.93	-2.30	-1.85	-1.38	0.65
1490	3	1759	11.29	5.67	3.31	3.66	5.32	-0.84	-0.36	-1.26	-0.36	-1.26	0.01
		1758	11.04	4.50	2.75	2.85	4.40	-0.40	-0.45	-1.38	-0.45	-1.37	0.05
		1777	7.25	4.22	2.54	2.68	4.08	0.46	-0.20	-0.71	-0.20	-0.71	0.02
		1778	7.62	4.85	3.64	3.65	4.84	0.11	-0.10	-0.66	-0.10	-0.66	-0.04
1490	4	1759	20.94	8.85	7.67e-03	0.03	8.83	0.41	-1.04	-2.55	-1.20	-2.39	0.46
		1758	21.68	7.44	-1.68	-1.66	7.41	0.49	-1.40	-2.90	-1.51	-2.79	0.39
		1777	12.55	8.02	-3.98	-3.60	7.63	2.12	-0.70	-1.14	-1.00	-0.83	0.21
		1778	11.99	9.34	-2.23	-1.71	8.81	2.41	-0.35	-0.86	-0.69	-0.53	0.24
1491	1	1760	24.32	17.29	8.44	13.19	12.54	-4.41	-0.20	-2.66	-0.30	-2.56	-0.48
		1759	23.10	13.58	8.02	11.60	9.99	-2.66	-0.41	-2.80	-0.44	-2.76	-0.28
		1778	17.03	12.99	8.32	12.85	8.46	-0.80	0.18	-1.87	0.14	-1.82	-0.31
		1779	19.64	16.10	9.33	14.94	10.50	-2.56	0.42	-1.93	0.27	-1.78	-0.58
1491	2	1760	53.54	26.62	4.74	4.76	26.60	0.69	-1.79	-5.85	-2.29	-5.36	1.33
		1759	55.22	21.93	-0.83	-0.72	21.82	1.55	-2.86	-6.97	-3.26	-6.57	1.22
		1778	31.99	23.59	-6.82	-5.14	21.91	6.94	-0.93	-2.31	-1.85	-1.38	0.65
		1779	32.13	27.72	-0.90	1.01	25.81	7.15	0.06	-1.42	-0.88	-0.48	0.71
1491	3	1760	11.60	7.26	3.77	4.52	6.51	-1.44	-0.24	-1.11	-0.24	-1.11	-0.04
		1759	11.28	5.66	3.31	3.65	5.32	-0.83	-0.36	-1.26	-0.36	-1.26	0.01
		1778	7.63	4.85	3.66	3.67	4.84	0.11	-0.10	-0.66	-0.10	-0.66	-0.04
		1779	8.05	5.96	4.58	4.73	5.82	-0.42	0.03	-0.60	0.01	-0.58	-0.12
1491	4	1760	20.39	10.68	2.02	2.03	10.68	0.07	-0.65	-2.13	-0.83	-1.94	0.49
		1759	20.90	8.84	-0.02	2.76e-03	8.82	0.42	-1.04	-2.54	-1.20	-2.39	0.45
		1778	11.98	9.35	-2.19	-1.67	8.83	2.40	-0.35	-0.87	-0.69	-0.53	0.24
		1779	12.18	10.94	0.02	0.60	10.36	2.46	0.01	-0.54	-0.33	-0.19	0.27
1492	1	1761	25.61	21.79	8.53	14.61	15.71	-6.61	0.09	-2.46	-0.13	-2.25	-0.71
		1760	24.31	17.25	8.44	13.18	12.51	-4.39	-0.20	-2.66	-0.30	-2.56	-0.48
		1779	19.71	16.15	9.34	14.97	10.52	-2.58	0.43	-1.93	0.27	-1.78	-0.58
		1780	25.44	20.33	9.76	17.02	13.06	-4.90	0.76	-1.97	0.43	-1.64	-0.89
1492	2	1761	52.92	32.61	11.05	11.11	32.56	-1.07	-0.65	-4.61	-1.18	-4.08	1.35
		1760	53.42	26.57	4.65	4.68	26.55	0.74	-1.79	-5.83	-2.27	-5.35	1.31
		1779	32.16	27.78	-0.76	1.14	25.89	7.11	0.05	-1.44	-0.91	-0.49	0.71
		1780	35.28	32.42	6.63	8.38	30.67	6.48	1.09	-0.41	0.22	0.46	0.74
1492	3	1761	12.06	9.30	4.10	5.40	8.00	-2.25	-0.10	-0.94	-0.11	-0.92	-0.11
		1760	11.59	7.25	3.77	4.52	6.50	-1.43	-0.24	-1.11	-0.24	-1.11	-0.04
		1779	8.07	5.99	4.59	4.75	5.83	-0.43	0.03	-0.60	9.54e-03	-0.58	-0.12
		1780	8.51	7.79	5.12	5.87	7.04	-1.20	0.20	-0.53	0.14	-0.46	-0.21
1492	4	1761	20.28	13.03	4.32	4.36	12.99	-0.61	-0.22	-1.67	-0.42	-1.47	0.50
		1760	20.34	10.66	1.99	2.00	10.66	0.09	-0.64	-2.12	-0.83	-1.94	0.49
		1779	12.20	10.96	0.07	0.65	10.39	2.44	9.87e-03	-0.54	-0.34	-0.19	0.27
		1780	13.52	12.76	2.81	3.31	12.26	2.17	0.40	-0.16	0.08	0.16	0.28
1493	1	1762	29.85	27.26	8.03	15.71	19.58	-9.42	0.49	-2.21	0.08	-1.80	-0.96
		1761	25.60	21.74	8.54	14.60	15.68	-6.58	0.08	-2.47	-0.13	-2.25	-0.71
		1780	25.59	20.41	9.76	17.05	13.12	-4.95	0.78	-1.97	0.44	-1.64	-0.90
		1781	33.47	25.66	9.46	18.98	16.14	-7.97	1.24	-1.97	0.63	-1.36	-1.26
1493	2	1762	54.28	40.58	17.66	18.43	39.81	-4.15	0.51	-3.33	0.01	-2.83	1.29
		1761	52.74	32.53	10.95	10.99	32.49	-1.00	-0.61	-4.58	-1.13	-4.06	1.33
		1780	35.37	32.52	6.83	8.53	30.82	6.38	1.06	-0.48	0.14	0.44	0.75
		1781	42.02	37.44	15.91	16.96	36.38	4.66	2.18	0.70	1.47	1.40	0.74
1493	3	1762	12.76	11.82	4.24	6.25	9.81	-3.35	0.08	-0.74	0.04	-0.70	-0.19
		1761	12.04	9.27	4.11	5.39	7.98	-2.23	-0.10	-0.94	-0.11	-0.92	-0.11
		1780	8.54	7.84	5.13	5.90	7.07	-1.22	0.20	-0.53	0.14	-0.47	-0.21
		1781	10.75	10.17	5.38	7.07	8.48	-2.29	0.43	-0.44	0.29	-0.31	-0.31
1493	4	1762	20.94	16.15	6.71	7.06	15.80	-1.79	0.21	-1.20	0.02	-1.00	0.48
		1761	20.22	13.00	4.28	4.32	12.96	-0.58	-0.21	-1.66	-0.40	-1.46	0.50
		1780	13.55	12.80	2.88	3.37	12.31	2.14	0.38	-0.19	0.05	0.15	0.28
		1781	16.15	14.74	6.22	6.47	14.48	1.45	0.80	0.25	0.54	0.51	0.28
1494	1	1763	39.62	33.79	6.58	16.33	24.03	-13.05	1.04	-1.87	0.35	-1.19	-1.23
		1762	29.66	27.18	8.06	15.68	19.55	-9.36	0.46	-2.22	0.05	-1.82	-0.96
		1781	33.85	25.83	9.44	19.02	16.25	-8.08	1.28	-1.96	0.67	-1.35	-1.27
		1782	44.14	32.10	8.24	20.75	19.58	-11.92	1.87	-1.90	0.85	-0.88	-1.67
1494	2	1763	58.37	51.65	23.40	26.77	48.28	-9.17	1.55	-2.08	1.17	-1.70	1.11
		1762	54.04	40.39	17.55	18.28	39.67	-4.00	0.66	-3.27	0.17	-2.79	1.29
		1781	41.92	37.66	16.18	17.15	36.69	4.45	2.06	0.50	1.21	1.35	0.78
		1782	52.24	42.62	27.03	27.14	42.51	1.29	3.39	1.80	2.94	2.26	0.71
1494	3	1763	14.37	14.90	4.03	7.03	11.90	-4.86	0.31	-0.54	0.21	-0.43	-0.28
		1762	12.73	11.78	4.25	6.23	9.79	-3.32	0.09	-0.74	0.04	-0.70	-0.19
		1781	10.81	10.27	5.37	7.09	8.54	-2.34	0.42	-0.45	0.28	-0.31	-0.31
		1782	15.20	13.07	5.33	8.33	10.07	-3.77	0.71	-0.34	0.47	-0.10	-0.44
1494	4	1763	22.64	20.42	8.79	10.12	19.09	-3.71	0.59	-0.73	0.45	-0.58	0.41
		1762	20.85	16.08	6.67	7.00	15.75	-1.73	0.26	-1.17	0.08	-0.99	0.48
		1781	16.12	14.83	6.31	6.54	14.60	1.37	0.76	0.18	0.44	0.49	0.29
		1782	20.00	16.87	10.22	10.22	16.86	0.14	1.25	0.66	1.08	0.83	0.27
1495	1	1764	53.14	41.25	3.57	16.28	28.54	-17.82	1.95	-1.35	0.85	-0.24	-1.56



		1763	39.03	33.64	6.67	16.27	24.04	-12.92	0.89	-1.94	0.19	-1.23	-1.23
		1782	45.46	32.49	8.14	20.82	19.82	-12.17	2.05	-1.86	1.02	-0.82	-1.72
		1783	57.31	39.48	5.81	22.43	22.86	-16.84	2.62	-1.80	1.06	-0.24	-2.11
1495	2	1764	63.57	67.38	26.05	35.30	58.14	-17.22	2.60	-0.35	2.47	-0.21	0.61
		1763	57.59	50.93	23.48	26.60	47.82	-8.70	1.86	-1.97	1.47	-1.58	1.16
		1782	50.69	43.49	27.49	27.53	43.45	0.84	2.84	1.34	2.13	2.04	0.75
		1783	64.38	49.67	37.72	40.05	47.34	-4.73	4.74	2.06	4.58	2.21	0.63
1495	3	1764	20.58	18.55	3.17	7.61	14.11	-6.97	0.69	-0.28	0.45	-0.05	-0.41
		1763	14.15	14.79	4.06	6.99	11.87	-4.78	0.28	-0.54	0.18	-0.43	-0.28
		1782	15.49	13.29	5.30	8.38	10.22	-3.89	0.71	-0.36	0.46	-0.10	-0.45
		1783	20.51	16.46	4.81	9.76	11.50	-5.76	1.01	-0.27	0.65	0.08	-0.57
1495	4	1764	24.80	26.39	9.73	13.24	22.88	-6.79	0.98	-0.09	0.93	-0.04	0.23
		1763	22.34	20.15	8.82	10.05	18.91	-3.53	0.71	-0.69	0.56	-0.54	0.43
		1782	19.47	17.22	10.37	10.37	17.22	-0.03	1.05	0.48	0.79	0.74	0.28
		1783	24.46	19.74	13.99	14.98	18.75	-2.17	1.76	0.75	1.70	0.81	0.24
1496	1	275	73.50	48.22	-3.11	12.45	32.66	-23.59	4.39	0.10	2.66	1.83	-2.10
		1764	50.39	41.87	3.84	16.70	29.02	-17.99	1.15	-1.66	0.13	-0.65	-1.35
		1783	61.16	39.28	5.74	22.40	22.62	-16.77	3.37	-1.61	1.46	0.29	-2.42
		199	74.29	51.25	1.03	27.28	25.01	-25.08	3.30	-1.38	1.77	0.15	-2.20
1496	2	275	101.08	82.45	19.97	33.67	68.74	-25.86	8.85	5.30	8.58	5.57	0.94
		1764	63.15	67.53	25.27	34.51	58.30	-17.46	2.16	-0.26	1.99	-0.09	0.62
		1783	55.29	51.73	41.01	43.88	48.87	-4.75	2.13	0.80	1.98	0.95	0.42
		199	99.98	79.93	30.43	61.10	49.26	-24.03	7.39	0.07	7.39	0.07	0.10
1496	3	275	29.50	21.93	0.59	6.31	16.21	-9.45	1.80	0.62	1.43	1.00	-0.55
		1764	19.69	18.74	3.20	7.67	14.26	-7.03	0.42	-0.37	0.21	-0.16	-0.35
		1783	21.42	16.61	4.99	10.04	11.55	-5.76	1.07	-0.35	0.58	0.15	-0.68
		199	29.05	22.33	2.82	12.79	12.36	-9.75	1.39	-0.27	1.08	0.04	-0.65
1496	4	275	38.82	32.15	7.35	12.60	26.90	-10.12	3.29	2.00	3.18	2.11	0.35
		1764	24.67	26.45	9.44	12.95	22.94	-6.88	0.82	-0.06	0.76	4.69e-03	0.23
		1783	21.19	20.51	15.23	16.41	19.33	-2.20	0.79	0.28	0.73	0.34	0.16
		199	37.57	30.76	11.60	22.81	19.55	-9.44	2.74	0.01	2.74	0.01	0.03
1497	1	199	71.58	48.95	3.65	27.91	24.70	-22.59	3.15	-1.77	0.82	0.56	-2.46
		1783	64.82	43.29	2.29	22.40	23.19	-20.49	2.66	-2.73	1.43	-1.50	-2.26
		1784	64.42	42.12	5.03	28.95	18.19	-17.75	3.85	-0.57	2.19	1.08	-2.14
		257	90.52	47.30	1.69	26.51	22.48	-22.71	6.47	-1.81	3.66	1.01	-3.92
1497	2	199	105.93	80.94	25.86	60.19	46.61	-26.69	8.40	4.11	8.37	4.14	0.35
		1783	79.83	81.48	11.05	43.81	48.72	-35.13	3.77	1.59	2.94	2.42	1.06
		1784	60.27	60.74	22.17	39.67	43.24	-19.20	3.29	0.56	3.15	0.70	0.60
		257	88.35	74.21	19.12	40.86	52.47	-26.93	7.84	2.08	7.77	2.15	0.64
1497	3	199	28.78	21.69	3.23	12.89	12.03	-9.22	1.43	-0.02	0.88	0.53	-0.71
		1783	25.36	20.09	1.66	10.04	11.71	-9.18	0.95	-0.54	0.65	-0.25	-0.59
		1784	24.07	17.92	3.45	11.65	9.72	-7.17	1.31	0.03	0.92	0.42	-0.59
		257	33.27	20.69	2.07	11.00	11.76	-9.30	2.30	-0.22	1.64	0.44	-1.11
1497	4	199	40.10	31.11	9.87	22.46	18.52	-10.43	3.13	1.58	3.12	1.59	0.13
		1783	30.75	31.42	4.24	16.38	19.28	-13.52	1.41	0.60	1.10	0.91	0.39
		1784	23.38	23.67	8.30	14.83	17.14	-7.60	1.25	0.26	1.20	0.31	0.22
		257	33.47	28.84	7.06	15.25	20.65	-10.55	2.89	0.75	2.86	0.78	0.24
1498	1	1783	60.76	42.46	3.09	22.42	23.14	-19.68	2.15	-2.42	0.75	-1.01	-2.11
		1782	49.80	35.69	4.83	20.88	19.64	-15.42	1.82	-2.21	0.91	-1.30	-1.69
		1785	52.11	34.16	6.57	25.79	14.95	-12.68	3.01	-1.06	1.81	0.13	-1.86
		1784	68.11	42.10	4.66	28.67	18.09	-17.96	4.12	-1.18	2.25	0.69	-2.54
1498	2	1783	81.08	76.54	11.49	39.99	48.04	-32.28	5.19	2.55	4.70	3.04	1.03
		1782	63.85	63.11	7.23	27.43	42.91	-26.84	3.02	1.51	2.20	2.34	0.75
		1785	49.56	48.83	17.60	29.54	36.90	-15.18	1.74	-1.46	1.70	-1.42	0.35
		1784	60.05	61.95	21.55	40.09	43.40	-20.13	2.78	0.18	2.72	0.24	0.40
1498	3	1783	24.11	19.45	1.95	9.76	11.65	-8.70	0.88	-0.38	0.57	-0.07	-0.55
		1782	19.45	16.26	2.24	8.39	10.12	-6.95	0.66	-0.44	0.43	-0.22	-0.44
		1785	19.02	14.45	3.73	9.97	8.21	-5.29	0.96	-0.30	0.68	-0.02	-0.52
		1784	25.11	18.02	3.29	11.60	9.71	-7.31	1.37	-0.21	0.89	0.27	-0.73
1498	4	1783	31.05	29.59	4.40	14.96	19.02	-12.43	1.93	0.95	1.74	1.13	0.38
		1782	24.71	24.54	2.80	10.33	17.01	-10.34	1.12	0.55	0.81	0.86	0.28
		1785	19.34	19.20	6.60	11.09	14.71	-6.03	0.66	-0.49	0.64	-0.48	0.13
		1784	23.26	24.12	8.07	14.98	17.20	-7.95	1.05	0.11	1.02	0.14	0.14
1499	1	1782	48.93	35.39	5.10	20.82	19.67	-15.14	1.68	-2.28	0.73	-1.33	-1.69
		1781	38.27	28.92	6.25	19.04	16.13	-11.24	1.13	-2.25	0.56	-1.69	-1.26
		1786	40.55	27.45	7.57	22.51	12.50	-8.59	2.41	-0.78	1.64	-4.46e-03	-1.37
		1785	52.73	34.20	6.52	25.70	15.02	-12.76	3.10	-1.06	1.88	0.17	-1.90
1499	2	1782	64.10	62.47	7.54	27.18	42.83	-26.32	3.53	1.83	2.95	2.41	0.81
		1781	50.00	49.59	3.95	17.10	36.44	-20.67	2.04	0.55	1.20	1.39	0.74
		1786	45.16	37.83	12.67	18.60	31.90	-10.68	0.47	-2.19	0.42	-2.13	0.38
		1785	49.15	48.72	17.61	29.35	36.99	-15.08	1.47	-1.37	1.42	-1.31	0.38
1499	3	1782	19.21	16.12	2.36	8.35	10.13	-6.82	0.65	-0.44	0.43	-0.22	-0.44
		1781	14.46	13.02	2.56	7.10	8.48	-5.19	0.38	-0.53	0.25	-0.41	-0.32
		1786	14.26	11.34	3.89	8.21	7.02	-3.68	0.70	-0.29	0.53	-0.11	-0.38
		1785	19.12	14.46	3.71	9.93	8.23	-5.31	0.97	-0.29	0.68	-3.90e-04	-0.53
1499	4	1782	24.75	24.30	2.93	10.24	16.99	-10.14	1.31	0.67	1.09	0.89	0.30
		1781	19.51	19.44	1.59	6.52	14.50	-7.98	0.75	0.20	0.44	0.50	0.28



		1786	17.57	15.07	4.75	7.05	12.77	-4.30	0.19	-0.77	0.17	-0.74	0.14
		1785	19.18	19.16	6.60	11.01	14.74	-5.99	0.56	-0.46	0.54	-0.44	0.14
1500	1	1781	38.09	28.83	6.38	19.03	16.17	-11.13	1.11	-2.27	0.54	-1.70	-1.27
		1780	29.62	23.32	6.79	17.07	13.04	-8.02	0.66	-2.23	0.36	-1.93	-0.89
		1787	30.95	21.90	7.75	19.39	10.26	-5.41	1.86	-0.50	1.42	-0.06	-0.92
		1786	40.55	27.45	7.50	22.48	12.47	-8.63	2.41	-0.77	1.63	4.39e-03	-1.37
1500	2	1781	50.08	49.43	4.07	16.99	36.51	-20.48	2.22	0.68	1.47	1.43	0.77
		1780	43.30	39.03	0.18	8.50	30.70	-15.94	1.06	-0.46	0.14	0.46	0.74
		1787	42.74	29.89	6.48	9.09	27.27	-7.38	-0.73	-2.92	-0.80	-2.86	0.38
		1786	45.04	37.82	12.62	18.61	31.83	-10.72	0.34	-2.19	0.28	-2.13	0.38
1500	3	1781	14.41	12.98	2.61	7.09	8.51	-5.13	0.39	-0.53	0.27	-0.41	-0.32
		1780	10.46	10.34	2.60	5.90	7.03	-3.83	0.17	-0.61	0.11	-0.55	-0.21
		1787	10.21	8.71	3.80	6.60	5.91	-2.44	0.46	-0.28	0.37	-0.19	-0.24
		1786	14.23	11.34	3.86	8.20	7.00	-3.69	0.69	-0.29	0.52	-0.11	-0.38
1500	4	1781	19.54	19.38	1.64	6.48	14.53	-7.90	0.82	0.24	0.54	0.52	0.29
		1780	16.95	15.43	0.20	3.36	12.26	-6.18	0.39	-0.18	0.05	0.16	0.28
		1787	16.53	12.03	2.47	3.55	10.95	-3.02	-0.26	-1.04	-0.28	-1.01	0.14
		1786	17.52	15.06	4.73	7.05	12.74	-4.31	0.14	-0.77	0.12	-0.75	0.14
1501	1	1780	29.57	23.28	6.85	17.06	13.08	-7.97	0.66	-2.23	0.35	-1.93	-0.89
		1779	23.09	18.71	6.75	14.98	10.48	-5.54	0.34	-2.16	0.20	-2.03	-0.57
		1788	23.58	17.46	7.37	16.46	8.37	-3.02	1.41	-0.26	1.21	-0.06	-0.55
		1787	30.94	21.91	7.71	19.38	10.24	-5.43	1.85	-0.50	1.41	-0.05	-0.92
1501	2	1780	43.31	38.95	0.17	8.39	30.73	-15.85	1.12	-0.42	0.22	0.48	0.76
		1779	38.76	30.94	-3.99	1.13	25.82	-12.35	0.08	-1.42	-0.89	-0.45	0.72
		1788	41.84	24.37	-0.16	0.92	23.29	-5.04	-1.80	-3.63	-1.86	-3.56	0.34
		1787	42.67	29.88	6.49	9.14	27.23	-7.42	-0.78	-2.93	-0.85	-2.87	0.36
1501	3	1780	10.44	10.31	2.62	5.89	7.05	-3.80	0.18	-0.61	0.12	-0.55	-0.21
		1779	9.16	8.12	2.44	4.75	5.81	-2.79	8.43e-03	-0.67	-0.01	-0.65	-0.11
		1788	6.95	6.57	3.54	5.14	4.97	-1.51	0.27	-0.28	0.23	-0.24	-0.14
		1787	10.21	8.72	3.78	6.60	5.90	-2.45	0.46	-0.28	0.37	-0.18	-0.24
1501	4	1780	16.95	15.40	0.20	3.32	12.28	-6.14	0.41	-0.16	0.08	0.17	0.28
		1779	15.19	12.34	-1.33	0.64	10.36	-4.81	0.02	-0.54	-0.34	-0.18	0.27
		1788	16.06	9.86	0.06	0.54	9.39	-2.11	-0.65	-1.30	-0.68	-1.28	0.13
		1787	16.50	12.02	2.48	3.57	10.94	-3.03	-0.28	-1.04	-0.30	-1.02	0.14
1502	1	1779	23.05	18.69	6.77	14.96	10.50	-5.52	0.34	-2.16	0.20	-2.03	-0.57
		1778	18.26	14.91	6.38	12.86	8.43	-3.65	0.12	-2.07	0.08	-2.03	-0.30
		1789	18.14	13.96	6.62	13.74	6.84	-1.25	1.07	-0.09	1.02	-0.04	-0.24
		1788	23.58	17.47	7.35	16.46	8.36	-3.04	1.41	-0.26	1.21	-0.06	-0.55
1502	2	1779	38.75	30.90	-4.05	1.02	25.83	-12.31	0.09	-1.40	-0.87	-0.44	0.72
		1778	36.03	24.95	-8.23	-5.15	21.87	-9.63	-0.87	-2.28	-1.83	-1.32	0.65
		1789	41.99	20.50	-6.49	-6.04	20.04	-3.47	-2.72	-4.26	-2.78	-4.21	0.29
		1788	41.80	24.38	-0.12	0.97	23.28	-5.06	-1.81	-3.63	-1.88	-3.56	0.33
1502	3	1779	9.15	8.11	2.45	4.73	5.82	-2.78	0.01	-0.67	-9.29e-03	-0.65	-0.11
		1778	8.47	6.33	2.17	3.67	4.83	-1.99	-0.12	-0.72	-0.12	-0.71	-0.04
		1789	5.19	4.87	3.16	3.83	4.19	-0.84	0.11	-0.29	0.11	-0.28	-0.05
		1788	6.96	6.57	3.53	5.14	4.96	-1.52	0.27	-0.28	0.23	-0.24	-0.14
1502	4	1779	15.19	12.32	-1.35	0.61	10.36	-4.79	0.03	-0.53	-0.33	-0.18	0.27
		1778	14.11	10.03	-2.88	-1.67	8.82	-3.76	-0.33	-0.85	-0.68	-0.50	0.24
		1789	16.01	8.32	-2.24	-2.03	8.11	-1.49	-1.00	-1.54	-1.02	-1.52	0.11
		1788	16.05	9.86	0.07	0.56	9.38	-2.12	-0.66	-1.30	-0.68	-1.28	0.12
1503	1	1778	18.25	14.89	6.39	12.84	8.44	-3.64	0.12	-2.07	0.08	-2.03	-0.30
		1777	16.51	11.77	5.87	10.80	6.85	-2.19	-0.02	-1.96	-0.03	-1.96	-0.06
		1790	14.38	11.24	5.65	11.24	5.65	0.04	0.85	-6.54e-03	0.85	-6.27e-03	0.02
		1789	18.14	13.96	6.61	13.74	6.84	-1.26	1.07	-0.09	1.02	-0.04	-0.24
1503	2	1778	36.02	24.93	-8.30	-5.24	21.87	-9.61	-0.87	-2.27	-1.82	-1.32	0.65
		1777	34.74	20.66	-12.21	-10.38	18.82	-7.55	-1.77	-3.00	-2.65	-2.12	0.56
		1790	42.81	17.75	-12.06	-11.85	17.54	-2.49	-3.52	-4.82	-3.56	-4.78	0.23
		1789	41.97	20.51	-6.45	-5.99	20.05	-3.48	-2.73	-4.26	-2.79	-4.21	0.28
1503	3	1778	8.47	6.32	2.17	3.65	4.84	-1.99	-0.12	-0.72	-0.12	-0.71	-0.04
		1777	7.91	4.92	1.83	2.68	4.07	-1.38	-0.21	-0.76	-0.21	-0.75	0.02
		1790	4.83	3.71	2.55	2.67	3.59	-0.35	-9.58e-04	-0.32	-2.44e-03	-0.32	0.02
		1789	5.19	4.87	3.15	3.84	4.19	-0.84	0.11	-0.29	0.11	-0.28	-0.05
1503	4	1778	14.11	10.02	-2.91	-1.70	8.82	-3.76	-0.33	-0.85	-0.68	-0.50	0.24
		1777	13.57	8.36	-4.33	-3.60	7.62	-2.97	-0.67	-1.12	-0.99	-0.80	0.21
		1790	16.23	7.22	-4.28	-4.17	7.12	-1.10	-1.29	-1.75	-1.31	-1.73	0.08
		1789	16.00	8.32	-2.23	-2.01	8.11	-1.50	-1.00	-1.54	-1.02	-1.52	0.11
1504	1	1777	16.50	11.75	5.88	10.78	6.85	-2.19	-0.02	-1.96	-0.03	-1.96	-0.06
		1776	14.91	9.18	5.35	8.86	5.67	-1.06	-0.10	-1.86	-0.11	-1.85	0.13
		1791	12.12	9.20	4.56	8.98	4.77	0.97	0.75	-0.04	0.69	0.02	0.22
		1790	14.38	11.24	5.65	11.24	5.65	0.03	0.85	-5.71e-03	0.85	-5.48e-03	0.01
1504	2	1777	34.73	20.65	-12.28	-10.45	18.82	-7.55	-1.77	-2.99	-2.64	-2.12	0.55
		1776	34.91	17.72	-15.70	-14.60	16.61	-5.97	-2.57	-3.56	-3.32	-2.81	0.43
		1791	43.96	15.85	-16.68	-16.56	15.73	-1.97	-4.18	-5.29	-4.21	-5.27	0.15
		1790	42.80	17.76	-12.03	-11.81	17.54	-2.50	-3.53	-4.82	-3.57	-4.79	0.22
1504	3	1777	7.91	4.92	1.83	2.67	4.08	-1.37	-0.21	-0.76	-0.21	-0.75	0.02
		1776	7.45	3.90	1.41	1.79	3.52	-0.90	-0.28	-0.78	-0.29	-0.77	0.07
		1791	4.61	3.15	1.66	1.66	3.15	-2.63e-03	-0.08	-0.37	-0.10	-0.34	0.08



		1790	4.83	3.71	2.56	2.67	3.59	-0.35	-1.27e-03	-0.32	-2.65e-03	-0.32	0.02
1504	4	1777	13.57	8.35	-4.36	-3.63	7.62	-2.96	-0.67	-1.12	-0.99	-0.80	0.20
		1776	13.41	7.21	-5.60	-5.16	6.76	-2.35	-0.97	-1.33	-1.24	-1.06	0.16
		1791	16.59	6.47	-5.97	-5.91	6.40	-0.87	-1.54	-1.92	-1.55	-1.91	0.06
		1790	16.22	7.23	-4.26	-4.16	7.12	-1.10	-1.30	-1.75	-1.31	-1.73	0.08
1505	1	1776	14.90	9.16	5.35	8.84	5.67	-1.06	-0.10	-1.86	-0.11	-1.85	0.13
		1775	13.49	7.09	4.83	7.07	4.84	-0.18	-0.13	-1.76	-0.18	-1.71	0.29
		1792	11.11	7.72	3.42	6.98	4.16	1.63	0.74	-0.16	0.53	0.05	0.38
		1791	12.11	9.20	4.56	8.99	4.77	0.96	0.75	-0.04	0.69	0.02	0.22
1505	2	1776	34.96	17.71	-15.76	-14.66	16.61	-5.97	-2.57	-3.55	-3.32	-2.81	0.42
		1775	39.05	15.86	-18.51	-17.84	15.19	-4.75	-3.23	-3.96	-3.84	-3.35	0.27
		1792	45.19	14.70	-20.29	-20.20	14.61	-1.77	-4.69	-5.65	-4.70	-5.65	0.07
		1791	43.95	15.86	-16.65	-16.53	15.74	-1.97	-4.19	-5.29	-4.21	-5.27	0.14
1505	3	1776	7.44	3.90	1.40	1.78	3.52	-0.90	-0.28	-0.78	-0.29	-0.77	0.07
		1775	7.06	3.26	0.91	1.03	3.14	-0.52	-0.32	-0.80	-0.34	-0.77	0.10
		1792	4.51	2.89	0.77	0.80	2.87	0.24	-0.13	-0.42	-0.18	-0.37	0.12
		1791	4.61	3.16	1.66	1.66	3.16	-5.08e-03	-0.08	-0.37	-0.10	-0.34	0.07
1505	4	1776	13.41	7.20	-5.62	-5.18	6.76	-2.35	-0.97	-1.33	-1.24	-1.06	0.16
		1775	14.48	6.48	-6.63	-6.35	6.21	-1.87	-1.21	-1.48	-1.43	-1.26	0.10
		1792	17.01	6.00	-7.30	-7.25	5.96	-0.77	-1.73	-2.06	-1.73	-2.05	0.02
		1791	16.59	6.47	-5.96	-5.90	6.41	-0.88	-1.54	-1.92	-1.55	-1.91	0.05
1506	1	1775	13.48	7.07	4.83	7.06	4.84	-0.18	-0.13	-1.76	-0.18	-1.71	0.29
		1774	12.25	5.66	4.13	5.47	4.32	0.51	-0.11	-1.66	-0.23	-1.55	0.41
		1793	11.01	6.73	2.30	5.22	3.81	2.10	0.75	-0.30	0.39	0.06	0.50
		1792	11.10	7.73	3.42	6.98	4.17	1.63	0.74	-0.16	0.53	0.05	0.38
1506	2	1775	39.10	15.85	-18.55	-17.88	15.18	-4.75	-3.24	-3.96	-3.84	-3.35	0.26
		1774	42.37	14.92	-20.54	-20.13	14.52	-3.78	-3.70	-4.22	-4.20	-3.72	0.09
		1793	46.35	14.20	-22.87	-22.79	14.12	-1.80	-5.04	-5.90	-5.04	-5.90	-0.02
		1792	45.19	14.70	-20.27	-20.18	14.61	-1.78	-4.70	-5.65	-4.70	-5.65	0.06
1506	3	1775	7.06	3.26	0.90	1.02	3.14	-0.52	-0.32	-0.80	-0.34	-0.77	0.10
		1774	6.74	2.95	0.37	0.38	2.93	-0.21	-0.35	-0.79	-0.39	-0.75	0.13
		1793	4.52	2.78	0.03	0.09	2.72	0.41	-0.16	-0.48	-0.25	-0.38	0.15
		1792	4.51	2.89	0.78	0.80	2.87	0.24	-0.13	-0.42	-0.18	-0.37	0.12
1506	4	1775	14.50	6.48	-6.64	-6.37	6.20	-1.87	-1.22	-1.47	-1.43	-1.26	0.10
		1774	15.68	6.12	-7.37	-7.20	5.95	-1.48	-1.39	-1.57	-1.56	-1.40	0.03
		1793	17.43	5.81	-8.25	-8.21	5.77	-0.75	-1.86	-2.15	-1.86	-2.15	-9.95e-03
		1792	17.01	6.01	-7.29	-7.24	5.96	-0.77	-1.73	-2.06	-1.73	-2.06	0.02
1507	1	1774	12.25	5.65	4.13	5.46	4.32	0.51	-0.12	-1.66	-0.23	-1.55	0.41
		1773	11.20	5.13	3.00	4.06	4.07	1.06	-0.07	-1.57	-0.27	-1.37	0.51
		1794	11.42	6.12	1.26	3.71	3.68	2.43	0.76	-0.44	0.26	0.06	0.59
		1793	11.00	6.73	2.30	5.22	3.81	2.10	0.75	-0.30	0.39	0.06	0.50
1507	2	1774	42.41	14.92	-20.57	-20.16	14.51	-3.78	-3.70	-4.22	-4.20	-3.72	0.09
		1773	44.59	14.81	-21.74	-21.50	14.57	-2.95	-3.88	-4.42	-4.40	-3.89	-0.10
		1794	48.86	14.35	-24.45	-24.35	14.25	-1.95	-5.21	-6.04	-5.23	-6.03	-0.12
		1793	46.35	14.21	-22.86	-22.77	14.12	-1.81	-5.04	-5.91	-5.04	-5.91	-0.03
1507	3	1774	6.74	2.95	0.36	0.38	2.93	-0.21	-0.35	-0.79	-0.39	-0.75	0.13
		1773	6.47	2.87	-0.14	-0.14	2.87	0.04	-0.36	-0.77	-0.42	-0.71	0.14
		1794	4.62	2.79	-0.56	-0.48	2.70	0.53	-0.18	-0.52	-0.30	-0.39	0.16
		1793	4.52	2.78	0.03	0.09	2.72	0.41	-0.16	-0.48	-0.25	-0.38	0.14
1507	4	1774	15.69	6.11	-7.38	-7.21	5.95	-1.48	-1.39	-1.57	-1.57	-1.40	0.03
		1773	16.50	6.08	-7.81	-7.71	5.98	-1.14	-1.45	-1.65	-1.64	-1.46	-0.04
		1794	17.97	5.87	-8.83	-8.79	5.83	-0.77	-1.92	-2.20	-1.93	-2.20	-0.05
		1793	17.43	5.81	-8.24	-8.20	5.77	-0.75	-1.86	-2.15	-1.86	-2.15	-0.01
1508	1	1773	11.20	5.12	3.00	4.05	4.07	1.06	-0.07	-1.57	-0.27	-1.37	0.51
		1772	10.32	5.09	1.83	2.85	4.07	1.52	-0.01	-1.48	-0.30	-1.19	0.58
		1795	12.07	5.84	0.35	2.43	3.75	2.66	0.76	-0.57	0.15	0.04	0.66
		1794	11.41	6.13	1.27	3.71	3.68	2.43	0.76	-0.44	0.26	0.06	0.59
1508	2	1773	44.61	14.80	-21.75	-21.51	14.56	-2.95	-3.87	-4.42	-4.40	-3.89	-0.10
		1772	45.64	15.47	-22.10	-21.97	15.35	-2.15	-3.74	-4.55	-4.43	-3.87	-0.29
		1795	49.82	15.11	-25.02	-24.91	14.99	-2.10	-5.21	-6.07	-5.27	-6.01	-0.22
		1794	48.86	14.35	-24.44	-24.34	14.25	-1.95	-5.21	-6.05	-5.23	-6.03	-0.13
1508	3	1773	6.47	2.87	-0.14	-0.14	2.87	0.04	-0.36	-0.77	-0.42	-0.71	0.14
		1772	6.26	2.98	-0.56	-0.54	2.96	0.27	-0.35	-0.73	-0.43	-0.66	0.15
		1795	4.79	2.91	-1.00	-0.90	2.81	0.62	-0.19	-0.55	-0.34	-0.40	0.18
		1794	4.62	2.79	-0.56	-0.48	2.70	0.53	-0.18	-0.52	-0.30	-0.39	0.16
1508	4	1773	16.51	6.08	-7.81	-7.72	5.98	-1.15	-1.45	-1.65	-1.64	-1.46	-0.04
		1772	16.91	6.35	-7.94	-7.89	6.30	-0.82	-1.40	-1.70	-1.65	-1.45	-0.11
		1795	18.34	6.18	-9.05	-9.01	6.14	-0.79	-1.92	-2.22	-1.94	-2.19	-0.08
		1794	17.97	5.87	-8.83	-8.79	5.83	-0.77	-1.92	-2.21	-1.93	-2.20	-0.05
1509	1	1772	10.32	5.09	1.82	2.84	4.06	1.51	-0.01	-1.47	-0.30	-1.19	0.58
		1771	10.01	5.32	0.80	1.83	4.28	1.90	0.06	-1.38	-0.31	-1.00	0.63
		1796	12.79	5.83	-0.42	1.39	4.02	2.84	0.74	-0.67	0.05	0.02	0.71
		1795	12.06	5.84	0.35	2.44	3.76	2.66	0.76	-0.57	0.15	0.04	0.66
1509	2	1772	45.66	15.47	-22.09	-21.97	15.34	-2.16	-3.74	-4.56	-4.43	-3.87	-0.30
		1771	45.62	16.90	-21.62	-21.57	16.86	-1.28	-3.38	-4.55	-4.29	-3.64	-0.48
		1796	49.28	16.47	-24.61	-24.50	16.36	-2.15	-5.03	-5.98	-5.15	-5.86	-0.31
		1795	49.82	15.11	-25.02	-24.91	15.00	-2.11	-5.20	-6.08	-5.27	-6.01	-0.23



1509	3	1772	6.25	2.98	-0.56	-0.54	2.96	0.27	-0.35	-0.73	-0.43	-0.66	0.15
		1771	6.09	3.25	-0.87	-0.82	3.19	0.48	-0.33	-0.67	-0.42	-0.59	0.15
		1796	5.03	3.15	-1.31	-1.19	3.04	0.70	-0.19	-0.56	-0.36	-0.39	0.18
		1795	4.79	2.91	-1.00	-0.90	2.81	0.62	-0.19	-0.55	-0.34	-0.40	0.18
1509	4	1772	16.92	6.35	-7.94	-7.89	6.30	-0.82	-1.40	-1.70	-1.65	-1.45	-0.11
		1771	16.95	6.93	-7.77	-7.75	6.92	-0.47	-1.27	-1.70	-1.60	-1.37	-0.18
		1796	18.37	6.74	-8.90	-8.86	6.70	-0.78	-1.85	-2.18	-1.90	-2.13	-0.12
		1795	18.35	6.18	-9.05	-9.01	6.14	-0.80	-1.92	-2.22	-1.94	-2.19	-0.09
1510	1	1771	10.01	5.31	0.79	1.83	4.28	1.90	0.06	-1.38	-0.31	-1.00	0.63
		1770	10.86	5.76	-0.05	1.01	4.70	2.24	0.15	-1.27	-0.31	-0.81	0.67
		1797	13.51	6.07	-1.05	0.57	4.46	2.98	0.72	-0.76	-0.04	-7.49e-03	0.74
		1796	12.78	5.83	-0.42	1.40	4.02	2.84	0.74	-0.67	0.05	0.02	0.71
1510	2	1771	45.64	16.90	-21.60	-21.55	16.86	-1.29	-3.38	-4.56	-4.30	-3.64	-0.49
		1770	44.77	19.15	-20.33	-20.33	19.15	-0.20	-2.83	-4.37	-3.99	-3.21	-0.67
		1797	48.97	18.43	-23.22	-23.13	18.34	-1.97	-4.69	-5.75	-4.87	-5.56	-0.41
		1796	49.29	16.47	-24.62	-24.51	16.36	-2.16	-5.02	-5.98	-5.14	-5.85	-0.33
1510	3	1771	6.09	3.25	-0.87	-0.82	3.19	0.48	-0.33	-0.67	-0.42	-0.59	0.15
		1770	5.99	3.67	-1.08	-0.98	3.56	0.69	-0.30	-0.60	-0.40	-0.50	0.14
		1797	5.35	3.52	-1.48	-1.35	3.39	0.80	-0.19	-0.56	-0.37	-0.38	0.18
		1796	5.03	3.16	-1.30	-1.19	3.04	0.70	-0.19	-0.56	-0.36	-0.39	0.18
1510	4	1771	16.96	6.93	-7.76	-7.74	6.92	-0.47	-1.27	-1.70	-1.60	-1.37	-0.18
		1770	16.73	7.84	-7.30	-7.30	7.84	-0.03	-1.06	-1.64	-1.49	-1.21	-0.25
		1797	18.57	7.53	-8.40	-8.37	7.50	-0.67	-1.72	-2.10	-1.80	-2.03	-0.15
		1796	18.37	6.74	-8.91	-8.87	6.70	-0.78	-1.85	-2.19	-1.90	-2.13	-0.12
1511	1	1770	10.85	5.76	-0.06	1.00	4.70	2.24	0.15	-1.27	-0.31	-0.81	0.67
		1769	11.89	6.40	-0.73	0.37	5.30	2.57	0.25	-1.17	-0.29	-0.62	0.69
		1798	14.20	6.54	-1.52	-0.05	5.06	3.11	0.68	-0.83	-0.10	-0.04	0.75
		1797	13.50	6.07	-1.04	0.57	4.46	2.98	0.71	-0.76	-0.04	-7.66e-03	0.74
1511	2	1770	44.82	19.15	-20.29	-20.29	19.15	-0.20	-2.84	-4.38	-4.00	-3.22	-0.67
		1769	43.51	22.29	-18.30	-18.26	22.25	1.27	-2.12	-4.02	-3.52	-2.61	-0.83
		1798	49.20	20.99	-20.86	-20.81	20.94	-1.39	-4.20	-5.40	-4.46	-5.14	-0.49
		1797	48.98	18.44	-23.24	-23.14	18.34	-1.98	-4.67	-5.76	-4.87	-5.56	-0.42
1511	3	1770	5.99	3.66	-1.08	-0.98	3.56	0.69	-0.30	-0.60	-0.40	-0.50	0.14
		1769	5.99	4.23	-1.20	-1.04	4.07	0.94	-0.24	-0.52	-0.36	-0.40	0.14
		1798	5.79	4.01	-1.54	-1.38	3.85	0.93	-0.17	-0.54	-0.36	-0.36	0.18
		1797	5.34	3.52	-1.48	-1.35	3.39	0.80	-0.19	-0.56	-0.37	-0.38	0.18
1511	4	1770	16.75	7.84	-7.29	-7.29	7.84	-0.03	-1.07	-1.64	-1.49	-1.21	-0.25
		1769	16.41	9.11	-6.58	-6.56	9.09	0.55	-0.80	-1.50	-1.31	-0.99	-0.31
		1798	18.77	8.57	-7.54	-7.53	8.56	-0.41	-1.54	-1.98	-1.64	-1.87	-0.19
		1797	18.58	7.53	-8.40	-8.38	7.50	-0.67	-1.71	-2.11	-1.80	-2.03	-0.16
1512	1	1769	11.90	6.40	-0.73	0.36	5.30	2.58	0.25	-1.17	-0.29	-0.62	0.69
		1768	13.11	7.23	-1.25	-0.09	6.08	2.91	0.36	-1.05	-0.26	-0.43	0.70
		1799	14.85	7.20	-1.85	-0.46	5.82	3.26	0.64	-0.87	-0.15	-0.08	0.76
		1798	14.19	6.54	-1.52	-0.05	5.07	3.11	0.68	-0.83	-0.10	-0.04	0.75
1512	2	1769	43.68	22.29	-18.25	-18.21	22.25	1.27	-2.15	-4.05	-3.57	-2.63	-0.83
		1768	42.49	26.44	-15.65	-15.39	26.17	3.34	-1.25	-3.48	-2.88	-1.85	-0.99
		1799	49.40	24.12	-17.54	-17.54	24.12	-0.21	-3.59	-4.92	-3.90	-4.61	-0.56
		1798	49.24	21.00	-20.88	-20.83	20.95	-1.40	-4.16	-5.41	-4.43	-5.14	-0.51
1512	3	1769	5.98	4.23	-1.20	-1.03	4.07	0.94	-0.24	-0.52	-0.36	-0.40	0.14
		1768	6.11	4.96	-1.24	-0.99	4.71	1.24	-0.17	-0.42	-0.30	-0.29	0.13
		1799	6.23	4.63	-1.50	-1.29	4.42	1.11	-0.15	-0.51	-0.33	-0.33	0.18
		1798	5.77	4.01	-1.54	-1.38	3.86	0.92	-0.17	-0.54	-0.35	-0.36	0.18
1512	4	1769	16.47	9.11	-6.56	-6.54	9.09	0.55	-0.81	-1.52	-1.33	-0.99	-0.31
		1768	16.24	10.77	-5.63	-5.52	10.66	1.37	-0.48	-1.31	-1.08	-0.71	-0.37
		1799	18.98	9.84	-6.35	-6.35	9.84	0.08	-1.31	-1.80	-1.44	-1.67	-0.21
		1798	18.78	8.57	-7.55	-7.54	8.56	-0.41	-1.53	-1.98	-1.64	-1.87	-0.19
1513	1	1768	13.12	7.24	-1.25	-0.09	6.07	2.92	0.36	-1.05	-0.26	-0.43	0.70
		1767	14.48	8.24	-1.61	-0.36	6.99	3.28	0.47	-0.93	-0.21	-0.24	0.70
		1800	15.46	8.04	-2.02	-0.67	6.69	3.43	0.60	-0.90	-0.19	-0.12	0.75
		1799	14.84	7.20	-1.84	-0.46	5.82	3.25	0.64	-0.87	-0.15	-0.08	0.76
1513	2	1768	43.03	26.44	-15.59	-15.32	26.17	3.36	-1.34	-3.56	-3.02	-1.89	-0.96
		1767	42.72	31.77	-12.59	-11.67	30.85	6.31	-0.23	-2.73	-2.03	-0.94	-1.13
		1800	49.66	27.83	-13.37	-13.29	27.75	1.82	-2.89	-4.32	-3.25	-3.96	-0.62
		1799	49.56	24.15	-17.57	-17.57	24.14	-0.23	-3.51	-4.91	-3.83	-4.59	-0.59
1513	3	1768	6.15	4.96	-1.24	-0.98	4.70	1.24	-0.17	-0.43	-0.31	-0.29	0.13
		1767	7.14	5.86	-1.22	-0.83	5.46	1.63	-0.07	-0.31	-0.22	-0.16	0.12
		1800	6.75	5.36	-1.36	-1.07	5.07	1.38	-0.12	-0.46	-0.29	-0.29	0.17
		1799	6.20	4.63	-1.50	-1.29	4.42	1.11	-0.15	-0.50	-0.32	-0.33	0.18
1513	4	1768	16.44	10.78	-5.61	-5.49	10.66	1.38	-0.51	-1.34	-1.13	-0.72	-0.36
		1767	16.98	12.90	-4.55	-4.18	12.53	2.53	-0.10	-1.03	-0.76	-0.37	-0.42
		1800	19.24	11.36	-4.85	-4.80	11.31	0.90	-1.05	-1.58	-1.20	-1.43	-0.23
		1799	19.04	9.85	-6.36	-6.36	9.85	0.08	-1.28	-1.80	-1.41	-1.67	-0.22
1514	1	1767	14.53	8.25	-1.63	-0.36	6.99	3.30	0.47	-0.93	-0.21	-0.24	0.70
		1766	15.92	9.39	-1.82	-0.42	7.99	3.71	0.58	-0.81	-0.15	-0.08	0.69
		1801	15.95	9.02	-2.01	-0.66	7.66	3.62	0.55	-0.91	-0.21	-0.15	0.73
1514	2	1800	15.42	8.04	-2.02	-0.67	6.70	3.42	0.60	-0.90	-0.18	-0.11	0.75
		1767	44.33	31.80	-12.54	-11.60	30.86	6.38	-0.48	-3.03	-2.48	-1.03	-1.05



		1766	47.99	38.35	-9.26	-6.84	35.93	10.45	1.05	-1.72	-0.81	0.14	-1.30
		1801	49.86	32.24	-8.71	-8.12	31.65	4.89	-2.15	-3.62	-2.61	-3.17	-0.68
		1800	50.18	27.88	-13.38	-13.30	27.80	1.80	-2.68	-4.26	-3.01	-3.94	-0.64
1514	3	1767	7.28	5.86	-1.23	-0.82	5.46	1.64	-0.08	-0.34	-0.26	-0.17	0.12
		1766	8.29	6.89	-1.14	-0.53	6.27	2.14	0.04	-0.19	-0.12	-0.03	0.10
		1801	7.42	6.21	-1.15	-0.71	5.77	1.74	-0.08	-0.41	-0.25	-0.24	0.16
		1800	6.67	5.37	-1.36	-1.07	5.07	1.37	-0.11	-0.45	-0.27	-0.29	0.17
1514	4	1767	17.20	12.91	-4.54	-4.15	12.53	2.56	-0.19	-1.14	-0.93	-0.40	-0.39
		1766	19.07	15.51	-3.38	-2.43	14.55	4.14	0.38	-0.66	-0.31	0.03	-0.49
		1801	19.51	13.15	-3.20	-2.93	12.87	2.12	-0.78	-1.32	-0.96	-1.14	-0.26
		1800	19.43	11.38	-4.86	-4.81	11.33	0.89	-0.98	-1.55	-1.11	-1.42	-0.24
1515	1	1766	16.07	9.43	-1.83	-0.40	8.00	3.75	0.59	-0.81	-0.15	-0.07	0.70
		1765	16.73	10.61	-1.80	-0.20	9.01	4.16	0.57	-0.75	-0.11	-0.07	0.66
		1802	16.37	10.10	-1.79	-0.38	8.70	3.84	0.51	-0.84	-0.22	-0.10	0.67
		1801	15.85	8.98	-2.02	-0.68	7.65	3.60	0.55	-0.91	-0.20	-0.16	0.73
1515	2	1766	49.24	38.71	-9.29	-6.79	36.20	10.68	0.35	-2.75	-2.26	-0.14	-1.14
		1765	56.00	44.73	-5.14	-0.05	39.63	15.10	2.73	-0.44	1.11	1.19	-1.58
		1802	49.28	38.16	-4.98	-3.14	36.32	8.70	-1.06	-2.63	-1.90	-1.79	-0.78
		1801	50.98	32.14	-8.55	-7.91	31.50	5.08	-1.67	-3.43	-1.95	-3.14	-0.65
1515	3	1766	8.67	6.93	-1.15	-0.52	6.29	2.18	9.24e-03	-0.28	-0.22	-0.05	0.12
		1765	9.07	7.92	-0.93	5.20e-03	6.98	2.72	0.12	-0.03	0.04	0.06	0.07
		1802	8.46	7.18	-0.94	-0.30	6.54	2.19	-0.02	-0.31	-0.20	-0.13	0.14
		1801	7.25	6.20	-1.15	-0.70	5.75	1.75	-0.06	-0.39	-0.20	-0.24	0.16
1515	4	1766	19.31	15.64	-3.40	-2.41	14.65	4.23	0.12	-1.03	-0.84	-0.07	-0.43
		1765	22.12	18.03	-1.92	0.05	16.06	5.96	1.01	-0.18	0.40	0.43	-0.59
		1802	19.51	15.51	-1.91	-1.12	14.72	3.63	-0.37	-0.95	-0.69	-0.63	-0.29
		1801	19.92	13.12	-3.14	-2.84	12.82	2.19	-0.60	-1.24	-0.72	-1.13	-0.24
1516	1	1765	16.49	10.67	-1.94	-0.26	8.98	4.29	0.37	-0.94	-0.28	-0.29	0.65
		175	16.15	11.67	-0.63	1.12	9.93	4.29	0.62	-0.54	0.12	-0.03	0.58
		295	18.34	11.21	-1.92	-0.61	9.90	3.93	1.12	-0.43	0.40	0.29	0.77
		1802	16.54	10.13	-1.72	-0.37	8.78	3.76	0.51	-0.80	-0.29	1.35e-03	0.64
1516	2	1765	55.82	46.91	-5.98e-03	5.82	41.08	15.47	0.85	-3.37	-2.63	0.11	-1.60
		175	57.65	44.11	-2.76	1.52	39.83	13.50	5.13	1.84	4.74	2.23	-1.06
		295	57.59	45.36	-5.39	0.97	39.01	16.79	2.76	0.30	2.28	0.78	-0.98
		1802	49.69	37.54	-7.31	-5.50	35.73	8.82	-0.20	-1.90	-0.83	-1.27	-0.82
1516	3	1765	9.24	8.10	-0.59	0.44	7.08	2.80	-0.04	-0.29	-0.27	-0.07	0.07
		175	9.39	8.30	-0.45	0.50	7.35	2.72	0.42	0.16	0.38	0.19	0.09
		295	9.86	8.22	-1.14	-0.11	7.19	2.93	0.34	0.03	0.24	0.12	0.14
		1802	8.53	7.14	-1.09	-0.47	6.52	2.16	0.04	-0.23	-0.13	-0.06	0.13
1516	4	1765	21.91	18.84	-0.01	2.24	16.59	6.12	0.33	-1.24	-0.96	0.05	-0.60
		175	22.66	17.93	-1.10	0.61	16.21	5.45	1.90	0.71	1.75	0.86	-0.40
		295	22.94	18.34	-2.17	0.36	15.81	6.74	0.99	0.08	0.80	0.27	-0.37
		1802	19.72	15.28	-2.77	-1.99	14.51	3.66	-0.05	-0.68	-0.29	-0.44	-0.30
1517	1	257	98.74	48.48	-2.74	23.46	22.28	-25.60	8.60	0.55	6.00	3.15	-3.77
		1784	65.74	44.37	4.71	30.46	18.62	-18.93	3.06	-1.77	1.04	0.24	-2.38
		1803	74.67	40.36	5.86	35.45	10.76	-12.05	6.60	0.31	4.31	2.59	-3.03
		198	98.19	64.24	0.11	53.05	11.30	-24.34	5.12	-1.10	3.71	0.31	-2.60
1517	2	257	99.95	74.23	18.05	40.62	51.66	-27.54	9.15	5.54	9.07	5.62	0.53
		1784	62.82	63.73	19.53	39.62	43.64	-22.01	2.42	0.08	2.42	0.08	-4.68e-03
		1803	53.85	50.82	32.38	46.91	36.29	-7.54	1.87	0.96	1.85	0.97	-0.11
		198	108.69	78.83	20.10	64.45	34.48	-25.25	7.82	0.11	7.82	0.12	-0.19
1517	3	257	36.73	21.09	0.61	10.07	11.63	-10.21	3.12	0.73	2.46	1.40	-1.07
		1784	24.67	18.80	3.18	12.10	9.88	-7.73	1.04	-0.42	0.51	0.12	-0.70
		1803	26.15	16.38	4.65	14.10	6.93	-4.63	2.06	0.17	1.41	0.83	-0.90
		198	37.31	25.65	2.01	20.65	7.01	-9.65	2.01	-0.24	1.69	0.09	-0.79
1517	4	257	38.09	28.83	6.65	15.15	20.33	-10.78	3.40	2.10	3.37	2.13	0.20
		1784	24.29	24.79	7.32	14.81	17.30	-8.64	0.92	0.07	0.92	0.07	1.98e-03
		1803	20.49	19.62	12.37	17.50	14.49	-3.30	0.68	0.35	0.68	0.35	-0.04
		198	40.68	30.10	7.81	24.03	13.88	-9.92	2.90	0.03	2.90	0.03	-0.07
1518	1	1784	70.73	42.42	4.13	28.90	17.66	-18.30	4.53	-1.06	2.64	0.83	-2.65
		1785	51.67	34.19	6.64	25.80	15.03	-12.68	2.85	-1.22	1.58	0.05	-1.89
		1804	57.67	33.58	7.41	30.45	10.54	-8.49	5.19	1.11	3.74	2.56	-1.95
		1803	68.34	42.12	6.05	36.51	11.66	-13.07	5.04	-0.10	3.14	1.80	-2.48
1518	2	1784	63.89	63.86	20.16	40.36	43.66	-21.79	2.73	-0.10	2.73	-0.10	-0.03
		1785	48.62	48.31	17.69	29.36	36.64	-14.87	1.80	-1.33	1.76	-1.29	0.37
		1804	45.02	34.89	27.19	28.85	33.23	-3.17	2.47	2.06	2.18	2.35	0.18
		1803	64.80	47.42	30.23	42.93	34.72	-7.55	4.86	2.33	4.86	2.33	0.11
1518	3	1784	26.30	18.25	3.04	11.69	9.60	-7.53	1.51	-0.22	1.00	0.28	-0.79
		1785	18.85	14.42	3.75	9.96	8.21	-5.27	0.91	-0.33	0.61	-0.03	-0.53
		1804	20.10	12.88	4.97	11.28	6.56	-3.18	1.68	0.50	1.27	0.92	-0.56
		1803	24.81	16.64	4.54	14.12	7.07	-4.92	1.78	0.21	1.29	0.70	-0.72
1518	4	1784	24.67	24.83	7.56	15.09	17.31	-8.57	1.03	5.38e-03	1.03	5.57e-03	-0.01
		1785	18.98	19.00	6.63	11.02	14.61	-5.91	0.68	-0.45	0.67	-0.43	0.14
		1804	17.33	14.07	10.02	10.81	13.29	-1.60	0.91	0.76	0.80	0.86	0.07
		1803	24.46	18.41	11.51	16.02	13.90	-3.28	1.80	0.85	1.80	0.85	0.04
1519	1	1785	53.50	34.36	6.49	25.86	14.99	-12.83	3.21	-1.04	1.99	0.18	-1.93
		1786	40.26	27.44	7.52	22.53	12.42	-8.58	2.35	-0.81	1.57	-0.03	-1.36



		1805	44.31	26.62	7.76	25.36	9.02	-4.70	4.24	1.57	3.19	2.62	-1.31
		1804	54.37	33.31	7.40	30.33	10.38	-8.26	4.66	0.91	3.22	2.36	-1.83
1519	2	1785	49.43	49.11	17.50	29.45	37.16	-15.33	1.43	-1.43	1.40	-1.40	0.31
		1786	44.99	37.65	12.63	18.51	31.76	-10.62	0.50	-2.17	0.44	-2.11	0.39
		1805	35.79	28.91	16.76	16.76	28.91	-0.12	2.06	1.32	1.37	2.01	0.18
		1804	47.65	33.72	27.04	28.45	32.32	-2.72	3.16	2.56	3.12	2.60	0.14
1519	3	1785	19.41	14.53	3.70	9.99	8.24	-5.35	1.00	-0.30	0.71	-3.19e-03	-0.55
		1786	14.16	11.32	3.87	8.21	6.98	-3.67	0.68	-0.29	0.51	-0.12	-0.37
		1805	15.27	9.67	4.92	8.89	5.70	-1.76	1.36	0.60	1.04	0.92	-0.37
		1804	19.36	12.71	4.94	11.22	6.44	-3.06	1.58	0.48	1.18	0.88	-0.53
1519	4	1785	19.29	19.30	6.56	11.05	14.81	-6.09	0.55	-0.49	0.53	-0.47	0.11
		1786	17.50	15.00	4.73	7.02	12.71	-4.27	0.20	-0.76	0.18	-0.74	0.15
		1805	13.92	11.63	6.31	6.34	11.60	-0.41	0.75	0.49	0.50	0.73	0.07
		1804	18.24	13.62	9.97	10.66	12.94	-1.42	1.17	0.94	1.15	0.95	0.05
1520	1	1786	40.88	27.53	7.51	22.58	12.46	-8.64	2.45	-0.78	1.67	-2.58e-04	-1.38
		1787	30.87	21.91	7.71	19.41	10.21	-5.41	1.84	-0.51	1.39	-0.07	-0.92
		1806	35.40	21.26	7.39	21.01	7.64	-1.86	3.63	1.98	2.84	2.77	-0.83
		1805	43.29	26.51	7.72	25.31	8.92	-4.59	4.10	1.52	3.04	2.58	-1.27
1520	2	1786	45.20	37.90	12.65	18.65	31.90	-10.74	0.33	-2.20	0.27	-2.14	0.39
		1787	42.62	29.81	6.45	9.05	27.20	-7.35	-0.73	-2.92	-0.80	-2.85	0.37
		1806	30.97	25.36	6.34	6.51	25.19	1.81	1.50	0.36	0.38	1.48	0.14
		1805	36.08	28.61	16.56	16.56	28.61	0.10	2.12	1.62	1.67	2.07	0.15
1520	3	1786	14.32	11.37	3.87	8.23	7.00	-3.70	0.70	-0.29	0.53	-0.11	-0.38
		1787	10.18	8.70	3.78	6.60	5.89	-2.44	0.46	-0.28	0.37	-0.19	-0.24
		1806	11.91	7.09	4.69	6.85	4.93	-0.72	1.13	0.66	0.87	0.92	-0.23
		1805	15.06	9.60	4.91	8.86	5.65	-1.71	1.33	0.60	1.02	0.91	-0.36
1520	4	1786	17.58	15.09	4.74	7.07	12.76	-4.32	0.14	-0.77	0.11	-0.75	0.14
		1787	16.48	11.99	2.46	3.53	10.92	-3.01	-0.26	-1.04	-0.28	-1.01	0.14
		1806	12.08	10.15	2.54	2.56	10.13	0.37	0.54	0.13	0.14	0.54	0.05
		1805	14.01	11.50	6.25	6.26	11.48	-0.32	0.77	0.60	0.62	0.76	0.05
1521	1	1787	31.12	21.96	7.71	19.44	10.23	-5.44	1.87	-0.51	1.43	-0.06	-0.93
		1788	23.58	17.47	7.34	16.47	8.33	-3.02	1.41	-0.27	1.21	-0.07	-0.55
		1807	29.51	17.20	6.45	17.20	6.45	0.20	3.21	2.25	2.56	2.90	-0.45
		1806	35.05	21.20	7.34	20.96	7.58	-1.81	3.59	1.96	2.79	2.76	-0.81
1521	2	1787	42.74	29.91	6.52	9.17	27.26	-7.41	-0.78	-2.93	-0.85	-2.86	0.38
		1788	41.76	24.33	-0.17	0.90	23.25	-5.02	-1.80	-3.62	-1.86	-3.56	0.33
		1807	31.75	22.34	-2.67	-2.33	22.01	2.88	0.98	-0.59	-0.58	0.97	0.11
		1806	30.85	25.24	6.16	6.35	25.04	1.92	1.51	0.45	0.47	1.50	0.13
1521	3	1787	10.25	8.74	3.79	6.62	5.90	-2.45	0.46	-0.28	0.37	-0.19	-0.25
		1788	6.94	6.56	3.53	5.14	4.95	-1.51	0.27	-0.28	0.23	-0.24	-0.14
		1807	9.65	5.08	4.26	5.08	4.26	0.01	0.98	0.65	0.71	0.92	-0.12
		1806	11.83	7.05	4.68	6.83	4.90	-0.70	1.12	0.66	0.86	0.92	-0.23
1521	4	1787	16.53	12.04	2.49	3.57	10.95	-3.03	-0.27	-1.04	-0.30	-1.02	0.14
		1788	16.03	9.85	0.05	0.53	9.37	-2.11	-0.65	-1.30	-0.68	-1.28	0.12
		1807	12.23	8.94	-0.77	-0.70	8.87	0.81	0.35	-0.22	-0.22	0.35	0.04
		1806	12.03	10.10	2.47	2.50	10.07	0.41	0.55	0.16	0.17	0.54	0.05
1522	1	1788	23.69	17.51	7.35	16.50	8.35	-3.04	1.42	-0.27	1.22	-0.07	-0.55
		1789	18.16	13.96	6.60	13.74	6.81	-1.25	1.07	-0.10	1.02	-0.05	-0.24
		1808	25.77	14.16	5.16	13.85	5.47	1.65	3.01	2.26	2.29	2.98	-0.16
		1807	29.37	17.15	6.41	17.15	6.42	0.23	3.20	2.24	2.54	2.90	-0.45
1522	2	1788	41.83	24.39	-0.11	0.99	23.29	-5.06	-1.81	-3.63	-1.88	-3.56	0.35
		1789	41.96	20.47	-6.50	-6.05	20.02	-3.45	-2.73	-4.26	-2.78	-4.21	0.28
		1808	36.13	19.76	-10.22	-9.87	19.41	3.25	0.52	-1.44	-1.44	0.52	0.07
		1807	31.69	22.27	-2.81	-2.46	21.92	2.94	0.98	-0.56	-0.55	0.98	0.11
1522	3	1788	6.98	6.58	3.54	5.16	4.96	-1.52	0.27	-0.28	0.23	-0.24	-0.14
		1789	5.20	4.86	3.16	3.83	4.18	-0.83	0.11	-0.29	0.11	-0.29	-0.05
		1808	8.28	4.14	3.11	3.54	3.71	0.51	0.91	0.56	0.57	0.91	-0.04
		1807	9.61	5.06	4.24	5.06	4.24	0.03	0.98	0.65	0.71	0.92	-0.12
1522	4	1788	16.06	9.87	0.08	0.56	9.39	-2.12	-0.66	-1.30	-0.68	-1.28	0.13
		1789	16.00	8.31	-2.24	-2.03	8.10	-1.49	-1.00	-1.54	-1.02	-1.52	0.11
		1808	13.71	7.92	-3.57	-3.49	7.83	0.98	0.18	-0.54	-0.54	0.18	0.03
		1807	12.21	8.91	-0.82	-0.75	8.84	0.83	0.35	-0.21	-0.21	0.35	0.04
1523	1	1789	18.21	13.99	6.61	13.77	6.83	-1.26	1.08	-0.10	1.03	-0.05	-0.24
		1790	14.40	11.24	5.63	11.24	5.63	0.04	0.85	-0.01	0.85	-0.01	0.01
		1809	23.51	11.87	3.74	10.91	4.70	2.63	3.00	2.03	2.04	3.00	0.07
		1808	25.70	14.12	5.13	13.80	5.45	1.66	3.01	2.25	2.29	2.98	-0.16
1523	2	1789	42.00	20.51	-6.44	-5.98	20.05	-3.48	-2.73	-4.27	-2.79	-4.21	0.29
		1790	42.80	17.73	-12.06	-11.86	17.52	-2.48	-3.53	-4.83	-3.56	-4.79	0.22
		1809	41.75	17.68	-16.46	-16.18	17.40	3.05	0.13	-2.16	-2.16	0.13	0.04
		1808	36.15	19.71	-10.34	-9.98	19.35	3.27	0.52	-1.43	-1.43	0.52	0.08
1523	3	1789	5.20	4.88	3.16	3.85	4.19	-0.84	0.11	-0.29	0.11	-0.28	-0.05
		1790	4.83	3.70	2.55	2.67	3.59	-0.35	-6.93e-04	-0.32	-2.08e-03	-0.32	0.02
		1809	7.62	3.72	1.77	2.21	3.27	0.82	0.88	0.43	0.44	0.88	0.02
		1808	8.26	4.13	3.09	3.52	3.69	0.51	0.91	0.56	0.57	0.91	-0.04
1523	4	1789	16.01	8.33	-2.22	-2.01	8.11	-1.50	-1.00	-1.54	-1.02	-1.52	0.11
		1790	16.22	7.21	-4.28	-4.17	7.11	-1.09	-1.29	-1.75	-1.31	-1.73	0.08
		1809	15.69	7.10	-5.88	-5.81	7.03	0.95	0.03	-0.81	-0.81	0.03	0.01



		1808	13.72	7.90	-3.61	-3.52	7.81	0.99	0.18	-0.54	-0.53	0.18	0.03
1524	1	1790	14.43	11.27	5.64	11.27	5.64	0.03	0.85	-0.01	0.85	-0.01	0.01
		1791	12.13	9.20	4.54	8.98	4.76	0.97	0.75	-0.04	0.69	0.02	0.22
		1810	22.19	10.12	2.36	8.35	4.13	3.25	3.01	1.74	1.79	2.96	0.25
		1809	23.48	11.84	3.71	10.87	4.68	2.63	3.00	2.03	2.03	3.00	0.07
1524	2	1790	42.83	17.75	-12.02	-11.81	17.54	-2.50	-3.52	-4.83	-3.57	-4.79	0.23
		1791	43.96	15.84	-16.68	-16.56	15.72	-1.96	-4.18	-5.29	-4.20	-5.27	0.14
		1810	47.26	16.13	-21.46	-21.31	15.97	2.44	-0.19	-2.76	-2.76	-0.19	-5.50e-03
		1809	41.80	17.64	-16.55	-16.27	17.36	3.07	0.13	-2.16	-2.16	0.13	0.04
1524	3	1790	4.84	3.71	2.56	2.68	3.59	-0.35	-2.96e-04	-0.32	-1.71e-03	-0.32	0.02
		1791	4.61	3.15	1.66	1.66	3.15	-1.43e-03	-0.08	-0.37	-0.10	-0.35	0.07
		1810	7.45	3.38	0.65	1.08	2.95	0.99	0.86	0.31	0.32	0.85	0.07
		1809	7.61	3.71	1.75	2.20	3.26	0.82	0.88	0.43	0.44	0.88	0.02
1524	4	1790	16.23	7.22	-4.26	-4.15	7.12	-1.10	-1.29	-1.75	-1.31	-1.73	0.09
		1791	16.59	6.46	-5.97	-5.91	6.40	-0.87	-1.54	-1.92	-1.55	-1.92	0.05
		1810	17.67	6.50	-7.74	-7.70	6.46	0.75	-0.09	-1.03	-1.03	-0.09	-2.63e-03
		1809	15.71	7.09	-5.92	-5.85	7.02	0.95	0.03	-0.81	-0.81	0.03	0.02
1525	1	1791	12.15	9.21	4.56	9.00	4.77	0.96	0.75	-0.04	0.69	0.02	0.22
		1792	11.12	7.72	3.41	6.97	4.16	1.64	0.74	-0.16	0.53	0.04	0.38
		1811	21.41	8.76	1.13	6.15	3.75	3.62	2.97	1.45	1.55	2.86	0.38
		1810	22.17	10.09	2.34	8.32	4.11	3.25	3.01	1.74	1.79	2.96	0.25
1525	2	1791	43.99	15.86	-16.64	-16.52	15.74	-1.97	-4.18	-5.30	-4.20	-5.28	0.15
		1792	45.22	14.68	-20.29	-20.20	14.60	-1.77	-4.69	-5.66	-4.70	-5.65	0.06
		1811	52.03	15.16	-25.33	-25.27	15.10	1.52	-0.43	-3.22	-3.22	-0.43	-0.05
		1810	47.31	16.11	-21.53	-21.37	15.95	2.45	-0.19	-2.76	-2.76	-0.19	1.79e-03
1525	3	1791	4.62	3.15	1.67	1.67	3.15	-4.62e-03	-0.08	-0.37	-0.10	-0.35	0.08
		1792	4.51	2.89	0.77	0.80	2.86	0.24	-0.13	-0.42	-0.18	-0.37	0.12
		1811	7.56	3.13	-0.24	0.14	2.75	1.07	0.82	0.19	0.21	0.80	0.11
		1810	7.45	3.37	0.64	1.07	2.94	1.00	0.86	0.31	0.32	0.85	0.07
1525	4	1791	16.60	6.47	-5.96	-5.89	6.41	-0.87	-1.54	-1.92	-1.55	-1.92	0.06
		1792	17.02	6.00	-7.30	-7.25	5.96	-0.77	-1.73	-2.06	-1.73	-2.06	0.02
		1811	19.41	6.13	-9.18	-9.17	6.11	0.45	-0.18	-1.20	-1.20	-0.18	-0.02
		1810	17.69	6.49	-7.77	-7.73	6.45	0.76	-0.09	-1.03	-1.03	-0.09	-2.80e-04
1526	1	1792	11.13	7.74	3.42	6.99	4.16	1.63	0.74	-0.16	0.53	0.04	0.38
		1793	11.01	6.73	2.29	5.22	3.80	2.10	0.75	-0.30	0.39	0.05	0.50
		1812	20.89	7.73	0.09	4.26	3.56	3.81	2.87	1.17	1.32	2.72	0.48
		1811	21.39	8.74	1.12	6.11	3.74	3.62	2.97	1.45	1.55	2.86	0.38
1526	2	1792	45.23	14.70	-20.26	-20.17	14.61	-1.78	-4.69	-5.66	-4.70	-5.66	0.07
		1793	46.39	14.19	-22.87	-22.78	14.11	-1.80	-5.04	-5.91	-5.04	-5.91	-0.03
		1812	55.79	14.77	-28.12	-28.11	14.77	0.40	-0.59	-3.54	-3.54	-0.59	-0.09
		1811	52.07	15.14	-25.38	-25.32	15.09	1.52	-0.43	-3.22	-3.22	-0.43	-0.04
1526	3	1792	4.52	2.89	0.78	0.81	2.87	0.24	-0.13	-0.42	-0.18	-0.37	0.12
		1793	4.52	2.78	0.02	0.09	2.72	0.41	-0.16	-0.48	-0.25	-0.39	0.14
		1812	7.80	2.98	-0.95	-0.63	2.66	1.08	0.77	0.09	0.12	0.74	0.13
		1811	7.56	3.12	-0.26	0.13	2.74	1.07	0.82	0.19	0.21	0.80	0.11
1526	4	1792	17.03	6.01	-7.29	-7.24	5.96	-0.77	-1.73	-2.06	-1.73	-2.06	0.02
		1793	17.44	5.81	-8.25	-8.21	5.77	-0.75	-1.86	-2.15	-1.86	-2.15	-0.01
		1812	20.79	5.98	-10.22	-10.22	5.98	0.07	-0.24	-1.32	-1.32	-0.24	-0.04
		1811	19.42	6.12	-9.20	-9.19	6.11	0.45	-0.18	-1.20	-1.20	-0.18	-0.02
1527	1	1793	11.01	6.74	2.30	5.23	3.81	2.10	0.75	-0.30	0.39	0.05	0.50
		1794	11.42	6.12	1.26	3.71	3.67	2.43	0.76	-0.44	0.26	0.05	0.59
		1813	20.49	7.00	-0.78	2.68	3.54	3.87	2.73	0.91	1.10	2.54	0.55
		1812	20.88	7.71	0.07	4.23	3.55	3.81	2.87	1.17	1.32	2.72	0.48
1527	2	1793	46.40	14.20	-22.85	-22.76	14.11	-1.81	-5.04	-5.91	-5.04	-5.91	-0.02
		1794	48.84	14.34	-24.44	-24.34	14.24	-1.94	-5.21	-6.06	-5.23	-6.04	-0.13
		1813	58.42	14.97	-29.85	-29.84	14.95	-0.81	-0.67	-3.72	-3.72	-0.67	-0.14
		1812	55.81	14.76	-28.15	-28.14	14.76	0.40	-0.59	-3.54	-3.54	-0.59	-0.09
1527	3	1793	4.53	2.78	0.03	0.09	2.72	0.41	-0.16	-0.48	-0.25	-0.39	0.15
		1794	4.62	2.78	-0.56	-0.48	2.70	0.53	-0.18	-0.52	-0.30	-0.40	0.16
		1813	8.07	2.93	-1.49	-1.23	2.68	1.04	0.72	7.65e-03	0.04	0.69	0.15
		1812	7.80	2.97	-0.96	-0.64	2.65	1.08	0.77	0.09	0.12	0.74	0.13
1527	4	1793	17.44	5.81	-8.24	-8.20	5.77	-0.75	-1.86	-2.15	-1.86	-2.15	-9.77e-03
		1794	17.96	5.87	-8.83	-8.79	5.83	-0.77	-1.92	-2.21	-1.93	-2.20	-0.05
		1813	21.78	6.06	-10.87	-10.86	6.06	-0.35	-0.27	-1.39	-1.39	-0.27	-0.05
		1812	20.80	5.98	-10.23	-10.23	5.98	0.07	-0.24	-1.32	-1.32	-0.24	-0.03
1528	1	1794	11.42	6.13	1.27	3.72	3.68	2.43	0.76	-0.44	0.26	0.05	0.59
		1795	12.07	5.84	0.34	2.43	3.75	2.67	0.76	-0.57	0.15	0.04	0.66
		1814	20.14	6.54	-1.48	1.38	3.68	3.84	2.55	0.68	0.90	2.33	0.60
		1813	20.48	6.98	-0.80	2.65	3.53	3.86	2.73	0.91	1.10	2.54	0.55
1528	2	1794	48.82	14.34	-24.43	-24.34	14.24	-1.95	-5.21	-6.05	-5.23	-6.04	-0.12
		1795	49.80	15.10	-25.02	-24.91	14.99	-2.10	-5.20	-6.08	-5.26	-6.02	-0.23
		1814	59.90	15.73	-30.57	-30.48	15.64	-2.02	-0.66	-3.76	-3.75	-0.67	-0.18
		1813	58.44	14.96	-29.87	-29.85	14.95	-0.81	-0.67	-3.72	-3.72	-0.67	-0.13
1528	3	1794	4.62	2.79	-0.56	-0.47	2.70	0.53	-0.18	-0.52	-0.30	-0.40	0.16
		1795	4.80	2.91	-1.00	-0.90	2.81	0.62	-0.19	-0.55	-0.34	-0.40	0.18
		1814	8.32	3.00	-1.87	-1.67	2.80	0.98	0.66	-0.06	-0.02	0.62	0.16
		1813	8.07	2.93	-1.50	-1.24	2.67	1.04	0.72	7.44e-03	0.04	0.68	0.15



1528	4	1794	17.95	5.87	-8.83	-8.79	5.83	-0.77	-1.92	-2.21	-1.93	-2.20	-0.05
		1795	18.34	6.18	-9.05	-9.00	6.14	-0.79	-1.92	-2.22	-1.94	-2.19	-0.09
		1814	22.35	6.37	-11.14	-11.11	6.34	-0.76	-0.26	-1.40	-1.40	-0.27	-0.07
		1813	21.78	6.06	-10.88	-10.87	6.06	-0.35	-0.27	-1.39	-1.39	-0.27	-0.05
1529	1	1795	12.07	5.84	0.36	2.45	3.75	2.66	0.76	-0.57	0.15	0.04	0.66
		1796	12.79	5.83	-0.43	1.39	4.02	2.84	0.74	-0.67	0.05	0.02	0.71
		1815	19.80	6.35	-2.03	0.34	3.98	3.77	2.34	0.47	0.71	2.10	0.63
		1814	20.14	6.53	-1.50	1.36	3.68	3.84	2.55	0.68	0.90	2.33	0.60
1529	2	1795	49.78	15.10	-25.02	-24.91	14.98	-2.11	-5.20	-6.08	-5.26	-6.02	-0.22
		1796	49.27	16.46	-24.60	-24.49	16.35	-2.15	-5.02	-5.99	-5.14	-5.86	-0.33
		1815	60.23	17.02	-30.25	-30.04	16.82	-3.10	-0.56	-3.66	-3.65	-0.58	-0.23
		1814	59.90	15.73	-30.56	-30.47	15.64	-2.02	-0.66	-3.77	-3.76	-0.67	-0.18
1529	3	1795	4.80	2.91	-1.00	-0.90	2.81	0.62	-0.19	-0.55	-0.34	-0.40	0.18
		1796	5.03	3.15	-1.31	-1.19	3.04	0.70	-0.19	-0.56	-0.36	-0.39	0.18
		1815	8.52	3.19	-2.12	-1.95	3.02	0.92	0.60	-0.11	-0.07	0.56	0.17
		1814	8.32	3.00	-1.88	-1.67	2.80	0.98	0.66	-0.06	-0.02	0.62	0.16
1529	4	1795	18.33	6.18	-9.05	-9.00	6.14	-0.80	-1.92	-2.22	-1.94	-2.19	-0.08
		1796	18.38	6.73	-8.90	-8.86	6.69	-0.78	-1.85	-2.19	-1.90	-2.14	-0.12
		1815	22.52	6.90	-11.03	-10.96	6.83	-1.12	-0.23	-1.37	-1.36	-0.23	-0.09
		1814	22.35	6.38	-11.14	-11.10	6.34	-0.75	-0.26	-1.41	-1.40	-0.27	-0.07
1530	1	1796	12.79	5.84	-0.42	1.40	4.02	2.84	0.74	-0.67	0.05	0.02	0.71
		1797	13.51	6.07	-1.05	0.57	4.46	2.98	0.72	-0.76	-0.04	-7.97e-03	0.74
		1816	19.46	6.42	-2.43	-0.46	4.44	3.69	2.12	0.27	0.54	1.85	0.65
		1815	19.80	6.35	-2.04	0.32	3.98	3.77	2.34	0.47	0.71	2.10	0.63
1530	2	1796	49.24	16.46	-24.62	-24.50	16.34	-2.16	-5.02	-5.98	-5.14	-5.86	-0.31
		1797	49.00	18.43	-23.21	-23.12	18.34	-1.96	-4.68	-5.77	-4.87	-5.57	-0.42
		1816	59.44	18.81	-28.87	-28.54	18.48	-3.94	-0.38	-3.42	-3.40	-0.40	-0.27
		1815	60.24	17.04	-30.22	-30.02	16.83	-3.10	-0.57	-3.67	-3.66	-0.58	-0.22
1530	3	1796	5.03	3.15	-1.30	-1.19	3.04	0.70	-0.19	-0.56	-0.36	-0.39	0.18
		1797	5.34	3.52	-1.48	-1.35	3.39	0.80	-0.19	-0.56	-0.37	-0.38	0.18
		1816	8.69	3.49	-2.23	-2.09	3.35	0.88	0.54	-0.15	-0.10	0.50	0.17
		1815	8.53	3.19	-2.12	-1.96	3.02	0.92	0.60	-0.11	-0.07	0.56	0.17
1530	4	1796	18.38	6.73	-8.90	-8.87	6.69	-0.78	-1.85	-2.19	-1.90	-2.14	-0.12
		1797	18.59	7.53	-8.40	-8.37	7.50	-0.67	-1.72	-2.11	-1.80	-2.03	-0.16
		1816	22.29	7.61	-10.52	-10.42	7.51	-1.38	-0.16	-1.28	-1.27	-0.17	-0.10
		1815	22.52	6.90	-11.02	-10.95	6.83	-1.11	-0.23	-1.37	-1.36	-0.24	-0.09
1531	1	1797	13.51	6.07	-1.04	0.57	4.46	2.98	0.71	-0.76	-0.04	-8.46e-03	0.74
		1798	14.20	6.54	-1.52	-0.05	5.06	3.11	0.68	-0.83	-0.10	-0.04	0.75
		1817	19.11	6.71	-2.70	-1.02	5.03	3.60	1.88	0.10	0.39	1.58	0.66
		1816	19.46	6.41	-2.45	-0.47	4.44	3.69	2.12	0.27	0.54	1.85	0.65
1531	2	1797	49.00	18.42	-23.24	-23.14	18.33	-1.98	-4.68	-5.75	-4.86	-5.57	-0.41
		1798	49.23	20.99	-20.84	-20.80	20.94	-1.38	-4.19	-5.42	-4.45	-5.15	-0.51
		1817	57.57	20.99	-26.39	-25.98	20.58	-4.39	-0.10	-3.04	-3.00	-0.13	-0.30
		1816	59.49	18.83	-28.83	-28.50	18.51	-3.93	-0.38	-3.44	-3.42	-0.41	-0.27
1531	3	1797	5.34	3.52	-1.48	-1.35	3.39	0.80	-0.19	-0.56	-0.37	-0.38	0.18
		1798	5.78	4.01	-1.54	-1.38	3.85	0.93	-0.18	-0.54	-0.35	-0.36	0.18
		1817	8.80	3.89	-2.22	-2.09	3.77	0.87	0.49	-0.17	-0.12	0.44	0.17
		1816	8.69	3.49	-2.23	-2.09	3.35	0.88	0.54	-0.15	-0.10	0.50	0.17
1531	4	1797	18.59	7.53	-8.40	-8.38	7.50	-0.67	-1.72	-2.11	-1.80	-2.03	-0.15
		1798	18.78	8.57	-7.54	-7.53	8.56	-0.40	-1.53	-1.98	-1.64	-1.87	-0.19
		1817	21.69	8.50	-9.61	-9.48	8.37	-1.50	-0.06	-1.14	-1.12	-0.07	-0.12
		1816	22.31	7.62	-10.51	-10.40	7.52	-1.38	-0.16	-1.29	-1.28	-0.17	-0.10
1532	1	1798	14.20	6.54	-1.51	-0.04	5.07	3.11	0.68	-0.83	-0.11	-0.04	0.75
		1799	14.85	7.20	-1.85	-0.46	5.82	3.26	0.65	-0.87	-0.15	-0.08	0.76
		1818	18.77	7.22	-2.82	-1.37	5.76	3.53	1.63	-0.06	0.26	1.32	0.66
		1817	19.13	6.71	-2.71	-1.03	5.04	3.61	1.88	0.10	0.40	1.59	0.66
1532	2	1798	49.24	20.97	-20.89	-20.84	20.93	-1.41	-4.18	-5.39	-4.43	-5.14	-0.49
		1799	49.45	24.12	-17.52	-17.52	24.12	-0.19	-3.57	-4.94	-3.90	-4.61	-0.59
		1818	54.64	23.45	-22.72	-22.32	23.05	-4.28	0.26	-2.49	-2.45	0.22	-0.33
		1817	57.77	21.04	-26.32	-25.92	20.63	-4.37	-0.11	-3.09	-3.05	-0.15	-0.31
1532	3	1798	5.78	4.01	-1.54	-1.38	3.85	0.92	-0.17	-0.54	-0.35	-0.36	0.18
		1799	6.22	4.63	-1.49	-1.29	4.42	1.11	-0.15	-0.51	-0.33	-0.33	0.18
		1818	8.88	4.39	-2.08	-1.94	4.26	0.92	0.44	-0.17	-0.12	0.39	0.17
		1817	8.81	3.90	-2.22	-2.09	3.77	0.87	0.49	-0.17	-0.12	0.44	0.17
1532	4	1798	18.78	8.56	-7.55	-7.54	8.55	-0.42	-1.53	-1.97	-1.63	-1.87	-0.19
		1799	19.00	9.84	-6.34	-6.34	9.84	0.09	-1.31	-1.81	-1.44	-1.67	-0.22
		1818	20.72	9.50	-8.26	-8.15	9.38	-1.40	0.08	-0.93	-0.92	0.06	-0.13
		1817	21.76	8.51	-9.58	-9.46	8.39	-1.49	-0.06	-1.16	-1.14	-0.07	-0.12
1533	1	1799	14.85	7.20	-1.84	-0.46	5.82	3.26	0.64	-0.88	-0.16	-0.08	0.76
		1800	15.45	8.04	-2.02	-0.67	6.70	3.43	0.61	-0.89	-0.17	-0.11	0.75
		1819	18.44	7.91	-2.80	-1.50	6.61	3.49	1.39	-0.20	0.14	1.05	0.65
		1818	18.80	7.23	-2.83	-1.37	5.77	3.54	1.64	-0.05	0.27	1.32	0.66
1533	2	1799	49.51	24.10	-17.59	-17.59	24.10	-0.24	-3.52	-4.89	-3.82	-4.59	-0.56
		1800	49.80	27.85	-13.34	-13.25	27.77	1.85	-2.87	-4.35	-3.25	-3.98	-0.65
		1819	50.54	25.99	-17.74	-17.47	25.72	-3.42	0.72	-1.73	-1.68	0.67	-0.33
		1818	55.29	23.53	-22.62	-22.23	23.14	-4.23	0.23	-2.64	-2.59	0.19	-0.36
1533	3	1799	6.21	4.63	-1.50	-1.29	4.42	1.11	-0.15	-0.50	-0.33	-0.33	0.18



		1800	6.73	5.37	-1.36	-1.06	5.07	1.38	-0.12	-0.46	-0.29	-0.29	0.17
		1819	8.93	4.98	-1.81	-1.65	4.82	1.04	0.40	-0.15	-0.10	0.34	0.16
		1818	8.90	4.41	-2.07	-1.94	4.27	0.92	0.44	-0.17	-0.12	0.39	0.17
1533	4	1799	19.02	9.84	-6.37	-6.36	9.83	0.07	-1.29	-1.79	-1.41	-1.67	-0.21
		1800	19.29	11.37	-4.84	-4.79	11.31	0.91	-1.05	-1.59	-1.20	-1.44	-0.24
		1819	19.36	10.54	-6.44	-6.38	10.48	-1.01	0.25	-0.65	-0.64	0.23	-0.13
		1818	20.96	9.53	-8.23	-8.12	9.42	-1.38	0.07	-0.99	-0.97	0.05	-0.14
1534	1	1800	15.45	8.05	-2.01	-0.67	6.70	3.42	0.59	-0.91	-0.21	-0.12	0.75
		1801	15.99	9.01	-2.02	-0.67	7.66	3.62	0.58	-0.89	-0.17	-0.13	0.74
		1820	18.18	8.75	-2.62	-1.44	7.57	3.47	1.16	-0.34	0.02	0.80	0.64
		1819	18.49	7.93	-2.81	-1.51	6.62	3.51	1.42	-0.16	0.19	1.07	0.66
1534	2	1800	50.04	27.79	-13.40	-13.33	27.72	1.77	-2.67	-4.24	-2.99	-3.92	-0.63
		1801	50.22	32.37	-8.70	-8.05	31.72	5.11	-2.23	-3.63	-2.62	-3.24	-0.63
		1820	44.60	28.25	-11.21	-11.15	28.19	-1.54	1.22	-0.60	-0.55	1.16	-0.30
		1819	52.57	26.15	-17.61	-17.36	25.90	-3.33	0.63	-2.22	-2.15	0.56	-0.42
1534	3	1800	6.69	5.36	-1.36	-1.07	5.07	1.37	-0.11	-0.45	-0.28	-0.29	0.17
		1801	7.44	6.22	-1.16	-0.71	5.77	1.76	-0.07	-0.41	-0.24	-0.24	0.17
		1820	8.92	5.62	-1.42	-1.19	5.39	1.25	0.37	-0.11	-0.05	0.30	0.16
		1819	8.99	5.00	-1.81	-1.64	4.84	1.05	0.39	-0.17	-0.11	0.34	0.16
1534	4	1800	19.38	11.34	-4.87	-4.82	11.29	0.88	-0.97	-1.55	-1.10	-1.42	-0.24
		1801	19.65	13.20	-3.20	-2.90	12.90	2.20	-0.81	-1.32	-0.96	-1.16	-0.24
		1820	17.37	11.51	-4.07	-4.06	11.50	-0.24	0.43	-0.24	-0.22	0.41	-0.12
		1819	20.10	10.60	-6.40	-6.34	10.55	-0.98	0.21	-0.83	-0.81	0.19	-0.16
1535	1	1801	16.02	9.07	-2.01	-0.66	7.72	3.63	0.50	-0.96	-0.27	-0.19	0.73
		1802	16.79	9.96	-1.84	-0.47	8.60	3.77	0.65	-0.82	-0.13	-0.04	0.73
		1821	17.94	9.78	-2.25	-1.16	8.69	3.46	0.89	-0.54	-0.13	0.48	0.65
		1820	18.29	8.75	-2.65	-1.45	7.55	3.50	1.27	-0.22	0.17	0.87	0.66
1535	2	1801	50.36	31.89	-8.55	-7.98	31.32	4.75	-1.59	-3.36	-1.90	-3.05	-0.67
		1802	50.24	39.05	-5.51	-2.95	36.49	10.37	-1.57	-2.40	-1.92	-2.04	-0.41
		1821	34.39	29.04	-2.68	-2.51	28.86	2.35	1.46	1.05	1.24	1.28	-0.20
		1820	50.09	28.90	-11.05	-11.00	28.85	-1.36	0.82	-2.17	-2.10	0.75	-0.46
1535	3	1801	7.29	6.19	-1.14	-0.70	5.76	1.73	-0.07	-0.39	-0.22	-0.24	0.16
		1802	8.74	7.22	-1.01	-0.31	6.52	2.30	0.03	-0.33	-0.17	-0.13	0.18
		1821	8.62	6.26	-0.87	-0.48	5.87	1.62	0.32	-0.06	0.04	0.22	0.17
		1820	9.13	5.68	-1.42	-1.18	5.44	1.28	0.35	-0.17	-0.11	0.29	0.16
1535	4	1801	19.68	13.02	-3.14	-2.87	12.75	2.06	-0.58	-1.22	-0.70	-1.09	-0.25
		1802	19.93	15.86	-2.11	-1.04	14.79	4.25	-0.56	-0.87	-0.70	-0.73	-0.16
		1821	13.86	11.98	-1.01	-0.88	11.85	1.29	0.54	0.37	0.45	0.46	-0.08
		1820	19.34	11.76	-4.01	-4.01	11.75	-0.16	0.29	-0.82	-0.79	0.26	-0.18
1536	1	1802	17.37	10.30	-1.46	0.09	8.75	3.98	0.48	-1.03	-0.42	-0.13	0.74
		295	18.45	11.42	-2.49	-1.04	9.97	4.24	1.20	-0.30	0.60	0.30	0.74
		174	14.80	10.94	-0.16	1.22	9.55	3.67	0.45	-0.51	-0.11	0.04	0.48
		1821	18.12	9.30	-2.88	-1.99	8.41	3.16	1.10	-0.41	0.10	0.60	0.71
1536	2	1802	48.47	38.04	-7.91	-5.68	35.82	9.86	-0.84	-1.58	-1.02	-1.39	-0.32
		295	48.29	43.05	-3.10	1.27	38.68	13.51	3.21	1.33	2.50	2.04	-0.91
		174	49.83	34.26	-5.58	0.67	28.00	14.49	4.03	0.33	4.03	0.33	-0.02
		1821	37.31	31.34	3.25	3.68	30.91	3.42	-0.51	-3.06	-3.03	-0.54	-0.24
1536	3	1802	8.95	7.23	-1.06	-0.35	6.52	2.32	0.04	-0.34	-0.18	-0.11	0.19
		295	10.12	8.10	-1.13	-0.21	7.18	2.77	0.43	0.14	0.33	0.25	0.14
		174	8.35	7.24	-0.62	0.46	6.16	2.70	0.32	-0.04	0.25	0.03	0.14
		1821	8.87	6.35	-0.66	-0.26	5.95	1.63	0.21	-0.28	-0.20	0.13	0.18
1536	4	1802	19.33	15.48	-3.00	-2.06	14.54	4.06	-0.28	-0.57	-0.36	-0.49	-0.13
		295	19.33	17.47	-1.31	0.47	15.68	5.51	1.18	0.47	0.89	0.76	-0.35
		174	19.81	14.15	-2.22	0.30	11.63	5.91	1.48	0.12	1.48	0.12	-6.16e-03
		1821	14.88	12.87	1.17	1.42	12.61	1.70	-0.20	-1.14	-1.13	-0.21	-0.10
1537	1	198	91.66	62.21	2.88	53.96	11.13	-20.53	4.56	-1.79	2.39	0.38	-3.01
		1803	84.88	48.75	-1.80	35.53	11.41	-22.21	5.43	-0.89	4.24	0.30	-2.47
		1822	67.99	46.67	3.60	41.90	8.37	-13.52	4.93	2.14	3.90	3.17	-1.34
		262	97.87	46.19	4.44	38.03	12.60	-16.55	9.42	1.01	7.78	2.64	-3.33
1537	2	198	110.84	80.10	15.60	63.74	31.95	-28.06	8.62	3.93	8.62	3.93	0.08
		1803	83.63	80.00	3.04	46.88	36.16	-38.10	3.13	1.92	2.79	2.26	0.55
		1822	62.39	57.96	14.79	40.84	31.91	-21.12	3.28	0.74	3.25	0.78	0.30
		262	89.53	69.01	13.63	43.15	39.49	-27.63	7.65	2.14	7.64	2.15	0.28
1537	3	198	35.42	25.02	2.55	20.85	6.72	-8.74	1.91	-0.09	1.37	0.46	-0.89
		1803	31.68	21.19	0.04	14.12	7.11	-9.97	1.79	-0.05	1.47	0.27	-0.69
		1822	25.46	18.49	2.87	15.54	5.82	-6.11	1.67	0.82	1.43	1.05	-0.38
		262	35.95	19.43	2.84	14.55	7.71	-7.56	3.25	0.53	2.85	0.93	-0.96
1537	4	198	41.72	30.56	6.08	23.75	12.89	-10.97	3.21	1.51	3.21	1.51	0.02
		1803	32.05	30.73	1.20	17.49	14.44	-14.68	1.17	0.72	1.04	0.85	0.20
		1822	24.01	22.46	5.56	15.23	12.79	-8.36	1.25	0.33	1.24	0.34	0.11
		262	33.77	26.72	5.03	16.06	15.68	-10.84	2.82	0.78	2.81	0.78	0.11
1538	1	1803	77.24	48.25	0.13	36.52	11.87	-20.66	4.40	-0.90	2.75	0.75	-2.45
		1804	65.80	39.95	1.01	30.56	10.40	-16.66	4.74	0.73	3.58	1.89	-1.82
		1823	60.00	37.31	2.94	33.93	6.32	-10.23	5.08	2.31	4.18	3.22	-1.30
		1822	75.26	45.94	2.57	40.66	7.85	-14.18	5.96	1.75	4.83	2.87	-1.87
1538	2	1803	85.74	74.68	3.61	42.90	35.40	-35.33	5.09	2.94	4.94	3.09	0.54
		1804	69.31	61.92	-0.45	28.77	32.70	-31.12	2.71	2.19	2.26	2.64	0.18



		1823	47.11	46.66	10.59	29.77	27.48	-18.00	1.82	-1.17	1.82	-1.17	-6.77e-03
		1822	62.24	59.25	14.26	41.36	32.15	-22.02	2.67	0.24	2.67	0.24	0.09
1538	3	1803	29.59	20.56	0.75	14.12	7.19	-9.28	1.59	0.04	1.18	0.46	-0.69
		1804	24.87	16.98	0.80	11.31	6.47	-7.72	1.56	0.41	1.23	0.75	-0.52
		1823	21.79	14.73	2.45	12.36	4.82	-4.85	1.60	0.70	1.39	0.91	-0.39
		1822	27.49	18.41	2.48	15.21	5.68	-6.38	1.94	0.62	1.65	0.92	-0.55
1538	4	1803	32.66	28.74	1.43	16.01	14.16	-13.63	1.89	1.09	1.83	1.15	0.20
		1804	26.70	23.99	-0.14	10.78	13.08	-12.01	1.00	0.81	0.84	0.97	0.07
		1823	18.17	18.25	3.96	11.13	11.09	-7.15	0.69	-0.39	0.69	-0.39	-2.84e-03
		1822	23.92	22.94	5.35	15.42	12.88	-8.70	1.01	0.14	1.01	0.14	0.03
1539	1	1804	64.00	39.63	1.22	30.43	10.42	-16.39	4.39	0.40	3.06	1.73	-1.88
		1805	51.38	32.15	2.16	25.41	8.90	-12.52	3.94	1.28	3.05	2.17	-1.26
		1824	50.21	29.74	3.57	27.62	5.69	-7.14	4.92	3.12	4.09	3.95	-0.89
		1823	61.31	37.30	3.01	33.87	6.44	-10.29	5.32	2.45	4.44	3.33	-1.32
1539	2	1804	69.78	61.22	-0.10	28.48	32.64	-30.59	3.27	2.63	3.15	2.76	0.25
		1805	55.72	48.88	-3.49	16.72	28.67	-25.49	2.08	1.35	1.37	2.05	0.14
		1824	38.55	35.44	6.59	17.63	24.41	-14.02	0.55	-1.67	0.55	-1.67	-9.41e-04
		1823	45.30	46.52	10.66	29.57	27.60	-17.91	1.46	-1.10	1.46	-1.10	0.02
1539	3	1804	24.48	16.82	0.90	11.25	6.48	-7.59	1.50	0.35	1.14	0.71	-0.54
		1805	19.39	13.50	1.05	8.90	5.65	-6.01	1.27	0.52	1.00	0.78	-0.36
		1824	17.52	11.40	2.52	9.60	4.32	-3.57	1.46	0.90	1.27	1.09	-0.27
		1823	22.03	14.72	2.46	12.33	4.86	-4.86	1.66	0.74	1.44	0.95	-0.39
1539	4	1804	26.81	23.73	4.18e-03	10.67	13.06	-11.80	1.21	0.97	1.16	1.01	0.09
		1805	21.62	19.10	-1.27	6.32	11.51	-9.85	0.76	0.50	0.51	0.75	0.05
		1824	15.13	14.09	2.41	6.64	9.87	-5.61	0.22	-0.57	0.22	-0.57	-5.72e-04
		1823	17.56	18.20	3.98	11.05	11.13	-7.11	0.56	-0.36	0.56	-0.36	8.64e-03
1540	1	1805	51.04	32.06	2.27	25.39	8.94	-12.42	3.88	1.18	2.93	2.13	-1.29
		1806	40.72	25.78	2.83	21.04	7.56	-9.29	3.39	1.76	2.74	2.42	-0.80
		1825	42.22	23.49	3.89	22.29	5.09	-4.71	4.69	3.46	3.78	4.37	-0.54
		1824	50.34	29.75	3.55	27.62	5.69	-7.17	4.93	3.17	4.13	3.97	-0.88
1540	2	1805	55.51	48.67	-3.34	16.58	28.75	-25.28	2.17	1.61	1.68	2.11	0.18
		1806	46.20	38.54	-6.98	6.49	25.08	-20.77	1.51	0.37	0.38	1.50	0.13
		1825	35.83	27.31	1.16	6.93	21.54	-10.84	-0.64	-2.14	-0.64	-2.14	5.19e-03
		1824	38.55	35.45	6.54	17.64	24.35	-14.06	0.38	-1.68	0.38	-1.68	2.88e-03
1540	3	1805	19.33	13.45	1.10	8.88	5.67	-5.96	1.27	0.50	0.99	0.78	-0.37
		1806	15.12	10.63	1.13	6.86	4.90	-4.64	1.05	0.60	0.84	0.82	-0.23
		1825	13.97	8.61	2.47	7.23	3.85	-2.56	1.30	0.97	1.08	1.18	-0.16
		1824	17.50	11.41	2.50	9.60	4.32	-3.59	1.45	0.91	1.27	1.10	-0.26
1540	4	1805	21.52	19.02	-1.22	6.27	11.54	-9.77	0.80	0.59	0.62	0.77	0.07
		1806	18.02	15.20	-2.57	2.55	10.09	-8.05	0.55	0.13	0.14	0.54	0.05
		1825	13.98	11.02	0.38	2.68	8.72	-4.38	-0.22	-0.75	-0.22	-0.75	1.62e-03
		1824	15.12	14.09	2.39	6.64	9.85	-5.63	0.16	-0.58	0.16	-0.58	1.19e-03
1541	1	1806	40.63	25.72	2.88	21.01	7.59	-9.24	3.38	1.73	2.70	2.41	-0.82
		1807	32.77	20.49	3.13	17.22	6.41	-6.79	2.99	2.11	2.48	2.62	-0.43
		1826	36.42	18.39	3.92	17.80	4.51	-2.86	4.63	3.37	3.43	4.58	-0.26
		1825	42.24	23.52	3.86	22.30	5.07	-4.73	4.68	3.48	3.79	4.37	-0.53
1541	2	1806	46.02	38.43	-6.97	6.36	25.10	-20.68	1.54	0.46	0.48	1.52	0.14
		1807	41.94	30.59	-10.98	-2.34	21.95	-16.87	1.00	-0.58	-0.57	0.99	0.11
		1826	34.58	21.94	-5.20	-2.33	19.06	-8.35	-1.65	-2.58	-1.65	-2.58	-7.22e-03
		1825	35.76	27.33	1.17	6.99	21.51	-10.88	-0.69	-2.15	-0.69	-2.15	-7.15e-03
1541	3	1806	15.11	10.60	1.15	6.84	4.91	-4.62	1.05	0.59	0.83	0.81	-0.23
		1807	11.85	8.25	1.08	5.09	4.24	-3.56	0.90	0.62	0.69	0.84	-0.12
		1826	11.35	6.32	2.33	5.23	3.42	-1.78	1.23	0.89	0.91	1.21	-0.08
		1825	13.97	8.62	2.46	7.24	3.84	-2.57	1.30	0.97	1.08	1.18	-0.16
1541	4	1806	17.95	15.16	-2.57	2.50	10.10	-8.01	0.56	0.16	0.17	0.55	0.05
		1807	16.30	12.18	-4.04	-0.71	8.85	-6.55	0.36	-0.22	-0.22	0.36	0.04
		1826	13.38	8.93	-1.94	-0.74	7.73	-3.41	-0.60	-0.91	-0.60	-0.91	-3.16e-03
		1825	13.96	11.03	0.39	2.70	8.71	-4.39	-0.24	-0.75	-0.24	-0.75	-2.58e-03
1542	1	1807	32.73	20.45	3.15	17.18	6.41	-6.77	2.99	2.09	2.47	2.62	-0.44
		1808	26.94	16.09	3.22	13.86	5.44	-4.87	2.80	2.19	2.23	2.76	-0.14
		1827	32.23	14.22	3.78	14.00	4.00	-1.49	4.62	3.07	3.07	4.62	-0.05
		1826	36.43	18.42	3.91	17.82	4.50	-2.88	4.63	3.38	3.43	4.58	-0.26
1542	2	1807	41.89	30.53	-11.03	-2.45	21.95	-16.82	1.01	-0.55	-0.54	1.00	0.11
		1808	42.26	24.74	-15.24	-9.87	19.38	-13.63	0.55	-1.43	-1.43	0.55	0.09
		1827	34.42	18.48	-11.68	-10.24	17.04	-6.43	-2.50	-2.96	-2.50	-2.96	-0.03
		1826	34.52	21.95	-5.17	-2.28	19.06	-8.37	-1.66	-2.58	-1.66	-2.58	-0.02
1542	3	1807	11.84	8.23	1.08	5.07	4.24	-3.55	0.91	0.62	0.69	0.84	-0.12
		1808	9.45	6.33	0.91	3.55	3.69	-2.71	0.85	0.54	0.55	0.84	-0.04
		1827	9.54	4.50	2.08	3.53	3.05	-1.19	1.19	0.73	0.74	1.19	-0.02
		1826	11.36	6.33	2.32	5.24	3.41	-1.79	1.23	0.89	0.90	1.21	-0.08
1542	4	1807	16.28	12.15	-4.06	-0.75	8.85	-6.53	0.36	-0.21	-0.21	0.36	0.04
		1808	16.23	9.92	-5.59	-3.49	7.82	-5.30	0.19	-0.54	-0.53	0.19	0.03
		1827	13.19	7.54	-4.28	-3.66	6.91	-2.65	-0.92	-1.05	-0.92	-1.05	-0.01
		1826	13.36	8.93	-1.92	-0.72	7.73	-3.41	-0.60	-0.91	-0.60	-0.91	-7.48e-03
1543	1	1808	26.91	16.05	3.22	13.83	5.44	-4.86	2.80	2.19	2.23	2.76	-0.15
		1809	22.84	12.40	3.20	10.92	4.68	-3.38	2.84	1.98	1.99	2.83	0.08
		1828	29.11	10.81	3.55	10.78	3.58	-0.48	4.54	2.71	2.72	4.53	0.11



		1827	32.23	14.24	3.78	14.02	4.00	-1.50	4.62	3.07	3.07	4.62	-0.05
1543	2	1808	42.30	24.71	-15.31	-9.97	19.37	-13.61	0.55	-1.42	-1.42	0.55	0.08
		1809	45.34	20.62	-19.42	-16.18	17.38	-10.92	0.16	-2.15	-2.15	0.16	0.05
		1828	35.48	16.23	-17.62	-16.87	15.48	-4.98	-3.20	-3.30	-3.22	-3.28	-0.05
		1827	34.37	18.49	-11.64	-10.19	17.04	-6.45	-2.51	-2.96	-2.51	-2.96	-0.04
1543	3	1808	9.45	6.32	0.91	3.53	3.69	-2.70	0.85	0.54	0.55	0.84	-0.04
		1809	7.88	4.83	0.65	2.22	3.26	-2.02	0.84	0.42	0.42	0.83	0.03
		1828	8.41	3.22	1.62	2.09	2.75	-0.73	1.14	0.58	0.58	1.14	0.03
		1827	9.55	4.51	2.08	3.54	3.05	-1.19	1.19	0.73	0.74	1.19	-0.02
1543	4	1808	16.24	9.91	-5.61	-3.52	7.82	-5.30	0.19	-0.53	-0.53	0.19	0.03
		1809	17.20	8.31	-7.10	-5.81	7.02	-4.26	0.04	-0.81	-0.80	0.04	0.02
		1828	13.38	6.61	-6.44	-6.10	6.28	-2.07	-1.16	-1.20	-1.18	-1.17	-0.02
		1827	13.17	7.54	-4.27	-3.64	6.91	-2.65	-0.92	-1.05	-0.92	-1.05	-0.01
1544	1	1809	22.81	12.37	3.19	10.89	4.67	-3.38	2.83	1.98	1.99	2.83	0.08
		1810	20.11	9.31	3.17	8.36	4.11	-2.22	2.89	1.70	1.75	2.83	0.25
		1829	26.67	8.06	3.25	8.05	3.27	0.26	4.37	2.35	2.37	4.35	0.22
		1828	29.11	10.83	3.55	10.80	3.58	-0.49	4.54	2.71	2.72	4.53	0.11
1544	2	1809	45.41	20.60	-19.49	-16.26	17.37	-10.91	0.16	-2.15	-2.15	0.16	0.04
		1810	49.41	17.85	-23.19	-21.30	15.96	-8.60	-0.16	-2.75	-2.75	-0.16	8.08e-03
		1829	42.72	14.79	-22.65	-22.24	14.38	-3.89	-3.52	-3.82	-3.80	-3.54	-0.07
		1828	35.48	16.24	-17.58	-16.83	15.48	-4.99	-3.19	-3.31	-3.22	-3.28	-0.06
1544	3	1809	7.88	4.82	0.64	2.20	3.26	-2.02	0.84	0.42	0.42	0.83	0.03
		1810	7.06	3.75	0.28	1.08	2.95	-1.47	0.82	0.30	0.31	0.81	0.08
		1829	7.81	2.62	0.80	0.89	2.53	-0.39	1.07	0.42	0.43	1.07	0.06
		1828	8.41	3.23	1.62	2.10	2.75	-0.74	1.14	0.58	0.58	1.14	0.03
1544	4	1809	17.22	8.30	-7.12	-5.84	7.02	-4.25	0.05	-0.80	-0.80	0.04	0.02
		1810	18.58	7.21	-8.46	-7.70	6.46	-3.36	-0.07	-1.03	-1.03	-0.07	2.04e-03
		1829	15.97	6.01	-8.27	-8.09	5.83	-1.62	-1.26	-1.40	-1.40	-1.27	-0.03
		1828	13.38	6.62	-6.42	-6.09	6.28	-2.07	-1.16	-1.20	-1.18	-1.17	-0.02
1545	1	1810	20.09	9.28	3.16	8.33	4.11	-2.22	2.88	1.70	1.75	2.83	0.25
		1811	18.43	6.71	3.18	6.15	3.74	-1.29	2.88	1.41	1.52	2.77	0.39
		1830	24.67	5.97	2.85	5.74	3.08	0.81	4.13	1.99	2.04	4.08	0.30
		1829	26.67	8.08	3.25	8.07	3.27	0.26	4.37	2.35	2.37	4.34	0.22
1545	2	1810	49.48	17.84	-23.26	-21.37	15.95	-8.61	-0.16	-2.75	-2.75	-0.16	4.36e-04
		1811	53.35	16.14	-26.32	-25.27	15.09	-6.58	-0.40	-3.21	-3.21	-0.40	-0.04
		1830	48.56	13.97	-26.64	-26.41	13.74	-3.05	-3.72	-4.26	-4.25	-3.73	-0.09
		1829	42.71	14.80	-22.62	-22.21	14.39	-3.90	-3.52	-3.82	-3.80	-3.54	-0.08
1545	3	1810	7.06	3.75	0.27	1.07	2.94	-1.47	0.82	0.30	0.31	0.81	0.07
		1811	6.83	3.09	-0.20	0.14	2.74	-1.00	0.79	0.18	0.21	0.77	0.11
		1830	7.58	2.41	-0.11	-0.10	2.40	-0.12	0.98	0.29	0.30	0.97	0.08
		1829	7.80	2.62	0.81	0.90	2.54	-0.39	1.07	0.42	0.43	1.07	0.06
1545	4	1810	18.60	7.21	-8.48	-7.73	6.45	-3.36	-0.07	-1.02	-1.02	-0.07	-4.50e-04
		1811	19.96	6.53	-9.59	-9.17	6.11	-2.57	-0.16	-1.20	-1.20	-0.16	-0.01
		1830	18.09	5.67	-9.73	-9.63	5.56	-1.27	-1.34	-1.57	-1.57	-1.34	-0.03
		1829	15.97	6.02	-8.26	-8.08	5.83	-1.62	-1.26	-1.41	-1.40	-1.27	-0.03
1546	1	1811	18.41	6.69	3.17	6.12	3.73	-1.30	2.88	1.41	1.52	2.77	0.39
		1812	17.51	4.55	3.26	4.26	3.55	-0.54	2.81	1.14	1.30	2.65	0.48
		1831	22.97	4.70	2.12	3.82	3.01	1.23	3.83	1.66	1.72	3.77	0.36
		1830	24.67	5.98	2.85	5.76	3.08	0.81	4.13	1.99	2.04	4.08	0.30
1546	2	1811	53.41	16.13	-26.37	-25.32	15.08	-6.58	-0.40	-3.21	-3.20	-0.40	-0.04
		1812	56.56	15.28	-28.62	-28.11	14.76	-4.73	-0.56	-3.53	-3.52	-0.56	-0.08
		1831	52.84	13.66	-29.51	-29.37	13.53	-2.38	-3.85	-4.58	-4.56	-3.86	-0.11
		1830	48.55	13.98	-26.61	-26.38	13.75	-3.06	-3.72	-4.27	-4.25	-3.73	-0.10
1546	3	1811	6.83	3.08	-0.21	0.13	2.74	-1.00	0.79	0.18	0.21	0.77	0.11
		1812	7.00	2.76	-0.74	-0.63	2.65	-0.60	0.76	0.09	0.12	0.73	0.14
		1831	7.58	2.36	-0.89	-0.89	2.36	0.10	0.88	0.17	0.18	0.87	0.10
		1830	7.58	2.41	-0.10	-0.09	2.41	-0.12	0.98	0.29	0.30	0.97	0.08
1546	4	1811	19.98	6.52	-9.61	-9.19	6.10	-2.57	-0.16	-1.20	-1.20	-0.16	-0.02
		1812	21.11	6.18	-10.43	-10.22	5.98	-1.84	-0.22	-1.32	-1.31	-0.22	-0.03
		1831	19.65	5.54	-10.78	-10.72	5.48	-0.97	-1.38	-1.69	-1.68	-1.39	-0.04
		1830	18.08	5.67	-9.72	-9.62	5.57	-1.27	-1.34	-1.57	-1.57	-1.34	-0.04
1547	1	1812	17.49	4.53	3.25	4.24	3.54	-0.54	2.81	1.15	1.30	2.65	0.48
		1813	17.08	3.54	2.67	2.68	3.53	0.10	2.69	0.90	1.09	2.49	0.55
		1832	21.49	4.26	1.04	2.23	3.08	1.55	3.48	1.34	1.42	3.41	0.40
		1831	22.97	4.71	2.13	3.83	3.01	1.22	3.83	1.66	1.72	3.76	0.36
1547	2	1812	56.61	15.27	-28.66	-28.14	14.75	-4.74	-0.56	-3.53	-3.52	-0.56	-0.09
		1813	58.76	15.14	-30.03	-29.84	14.95	-2.97	-0.63	-3.71	-3.70	-0.64	-0.13
		1832	55.50	13.81	-31.24	-31.17	13.74	-1.76	-3.91	-4.76	-4.73	-3.93	-0.13
		1831	52.83	13.67	-29.49	-29.36	13.54	-2.38	-3.84	-4.58	-4.56	-3.86	-0.12
1547	3	1812	7.00	2.76	-0.75	-0.64	2.65	-0.60	0.76	0.09	0.12	0.73	0.13
		1813	7.36	2.69	-1.24	-1.23	2.67	-0.24	0.71	3.94e-03	0.04	0.67	0.15
		1832	7.69	2.43	-1.52	-1.50	2.41	0.28	0.77	0.06	0.08	0.76	0.10
		1831	7.57	2.36	-0.89	-0.89	2.36	0.10	0.88	0.17	0.18	0.87	0.10
1547	4	1812	21.12	6.18	-10.44	-10.23	5.97	-1.85	-0.22	-1.32	-1.31	-0.22	-0.04
		1813	21.91	6.13	-10.94	-10.86	6.06	-1.15	-0.25	-1.38	-1.38	-0.26	-0.05
		1832	20.64	5.59	-11.42	-11.39	5.57	-0.70	-1.41	-1.75	-1.75	-1.42	-0.05
		1831	19.65	5.54	-10.78	-10.72	5.48	-0.97	-1.38	-1.69	-1.68	-1.39	-0.05



1548	1	1813	17.07	3.54	2.65	2.66	3.53	0.10	2.69	0.90	1.09	2.49	0.55
		1814	16.97	3.85	1.20	1.38	3.68	0.66	2.52	0.67	0.89	2.30	0.60
		1833	20.18	4.28	-0.05	0.95	3.28	1.82	3.10	1.05	1.14	3.02	0.42
		1832	21.48	4.27	1.05	2.24	3.08	1.55	3.48	1.34	1.42	3.40	0.39
1548	2	1813	58.79	15.14	-30.05	-29.85	14.94	-2.98	-0.63	-3.71	-3.70	-0.64	-0.14
		1814	59.83	15.66	-30.50	-30.47	15.63	-1.20	-0.63	-3.75	-3.74	-0.64	-0.18
		1833	56.52	14.39	-31.84	-31.82	14.36	-1.12	-3.90	-4.80	-4.77	-3.93	-0.15
		1832	55.50	13.82	-31.23	-31.16	13.75	-1.77	-3.91	-4.76	-4.73	-3.93	-0.14
1548	3	1813	7.36	2.69	-1.25	-1.24	2.67	-0.24	0.71	4.06e-03	0.04	0.67	0.15
		1814	7.78	2.80	-1.67	-1.67	2.80	0.10	0.65	-0.06	-0.02	0.62	0.16
		1833	7.82	2.58	-1.98	-1.93	2.54	0.46	0.66	-0.03	-8.86e-03	0.64	0.11
		1832	7.68	2.43	-1.51	-1.49	2.41	0.28	0.77	0.06	0.08	0.76	0.10
1548	4	1813	21.92	6.13	-10.95	-10.87	6.05	-1.15	-0.25	-1.38	-1.38	-0.26	-0.05
		1814	22.33	6.35	-11.12	-11.10	6.34	-0.45	-0.25	-1.40	-1.40	-0.25	-0.07
		1833	21.04	5.83	-11.65	-11.64	5.82	-0.41	-1.41	-1.77	-1.76	-1.42	-0.06
		1832	20.64	5.60	-11.42	-11.39	5.57	-0.70	-1.41	-1.76	-1.75	-1.42	-0.05
1549	1	1814	16.96	3.85	1.19	1.36	3.67	0.66	2.52	0.67	0.89	2.30	0.60
		1815	17.04	4.32	-2.56e-03	0.34	3.98	1.17	2.33	0.46	0.71	2.08	0.63
		1834	19.03	4.54	-0.98	-0.05	3.61	2.07	2.71	0.78	0.89	2.61	0.43
		1833	20.17	4.28	-0.04	0.96	3.28	1.82	3.10	1.05	1.14	3.01	0.42
1549	2	1814	59.84	15.66	-30.50	-30.47	15.63	-1.21	-0.63	-3.75	-3.74	-0.64	-0.18
		1815	59.79	16.83	-30.05	-30.04	16.82	0.69	-0.53	-3.65	-3.64	-0.55	-0.22
		1834	55.93	15.37	-31.32	-31.32	15.37	-0.35	-3.82	-4.71	-4.67	-3.86	-0.17
		1833	56.52	14.39	-31.84	-31.82	14.37	-1.12	-3.90	-4.80	-4.77	-3.93	-0.16
1549	3	1814	7.78	2.80	-1.67	-1.67	2.80	0.10	0.65	-0.06	-0.02	0.62	0.16
		1815	8.21	3.06	-1.99	-1.95	3.02	0.44	0.60	-0.11	-0.07	0.56	0.17
		1834	7.93	2.84	-2.28	-2.20	2.75	0.64	0.55	-0.10	-0.08	0.53	0.11
		1833	7.81	2.58	-1.97	-1.93	2.54	0.46	0.66	-0.03	-8.84e-03	0.64	0.11
1549	4	1814	22.33	6.35	-11.12	-11.10	6.34	-0.45	-0.25	-1.40	-1.40	-0.26	-0.07
		1815	22.36	6.83	-10.96	-10.95	6.83	0.30	-0.22	-1.36	-1.36	-0.22	-0.09
		1834	20.85	6.24	-11.46	-11.46	6.24	-0.07	-1.38	-1.74	-1.72	-1.39	-0.07
		1833	21.04	5.83	-11.65	-11.64	5.82	-0.41	-1.40	-1.77	-1.76	-1.42	-0.06
1550	1	1815	17.03	4.32	-0.02	0.32	3.98	1.17	2.32	0.46	0.71	2.08	0.63
		1816	17.21	4.94	-0.96	-0.46	4.44	1.65	2.11	0.27	0.54	1.84	0.65
		1835	18.01	4.99	-1.71	-0.79	4.07	2.31	2.30	0.54	0.65	2.19	0.43
		1834	19.02	4.54	-0.97	-0.04	3.61	2.07	2.71	0.78	0.88	2.61	0.43
1550	2	1815	59.80	16.83	-30.03	-30.02	16.82	0.68	-0.53	-3.66	-3.64	-0.55	-0.23
		1816	58.75	18.65	-28.70	-28.54	18.48	2.81	-0.35	-3.41	-3.39	-0.37	-0.27
		1835	53.74	16.74	-29.68	-29.67	16.73	0.66	-3.67	-4.48	-4.44	-3.72	-0.19
		1834	55.92	15.37	-31.33	-31.32	15.37	-0.35	-3.82	-4.71	-4.67	-3.86	-0.18
1550	3	1815	8.21	3.06	-1.99	-1.96	3.02	0.44	0.60	-0.11	-0.07	0.56	0.17
		1816	8.62	3.46	-2.20	-2.09	3.35	0.79	0.54	-0.15	-0.10	0.50	0.17
		1835	7.99	3.18	-2.44	-2.31	3.05	0.84	0.43	-0.15	-0.13	0.41	0.11
		1834	7.93	2.84	-2.28	-2.20	2.75	0.64	0.55	-0.10	-0.08	0.53	0.11
1550	4	1815	22.37	6.83	-10.95	-10.95	6.83	0.30	-0.22	-1.37	-1.36	-0.22	-0.09
		1816	22.06	7.58	-10.48	-10.41	7.51	1.13	-0.15	-1.28	-1.27	-0.16	-0.10
		1835	20.11	6.81	-10.87	-10.87	6.81	0.35	-1.32	-1.65	-1.64	-1.34	-0.07
		1834	20.85	6.24	-11.46	-11.46	6.24	-0.08	-1.38	-1.74	-1.72	-1.39	-0.07
1551	1	1816	17.20	4.94	-0.97	-0.47	4.43	1.65	2.11	0.27	0.54	1.84	0.65
		1817	17.44	5.71	-1.69	-1.02	5.04	2.13	1.87	0.10	0.39	1.58	0.66
		1836	17.13	5.61	-2.24	-1.29	4.66	2.55	1.90	0.32	0.45	1.77	0.43
		1835	18.01	4.99	-1.70	-0.78	4.07	2.31	2.30	0.54	0.65	2.19	0.43
1551	2	1816	58.80	18.65	-28.67	-28.50	18.49	2.81	-0.35	-3.43	-3.41	-0.38	-0.27
		1817	56.93	21.19	-26.57	-25.97	20.59	5.30	-0.07	-3.03	-2.99	-0.11	-0.31
		1836	50.04	18.50	-26.97	-26.88	18.41	2.02	-3.45	-4.13	-4.07	-3.51	-0.20
		1835	53.72	16.75	-29.70	-29.69	16.74	0.65	-3.66	-4.48	-4.43	-3.71	-0.20
1551	3	1816	8.62	3.46	-2.21	-2.09	3.35	0.79	0.54	-0.15	-0.10	0.50	0.17
		1817	9.01	3.99	-2.31	-2.09	3.77	1.17	0.49	-0.16	-0.12	0.44	0.17
		1836	8.00	3.63	-2.46	-2.27	3.43	1.08	0.33	-0.19	-0.16	0.30	0.11
		1835	7.99	3.18	-2.44	-2.31	3.05	0.84	0.43	-0.15	-0.13	0.41	0.11
1551	4	1816	22.08	7.58	-10.47	-10.40	7.51	1.13	-0.15	-1.28	-1.27	-0.16	-0.10
		1817	21.51	8.62	-9.73	-9.48	8.37	2.11	-0.05	-1.13	-1.12	-0.06	-0.12
		1836	18.84	7.55	-9.89	-9.85	7.50	0.92	-1.24	-1.52	-1.50	-1.26	-0.08
		1835	20.10	6.81	-10.88	-10.87	6.81	0.35	-1.32	-1.65	-1.63	-1.34	-0.08
1552	1	1817	17.43	5.71	-1.70	-1.03	5.03	2.13	1.87	0.10	0.39	1.58	0.65
		1818	17.71	6.62	-2.22	-1.37	5.77	2.61	1.63	-0.05	0.26	1.32	0.66
		1837	16.36	6.38	-2.57	-1.57	5.38	2.82	1.50	0.12	0.26	1.35	0.42
		1836	17.13	5.61	-2.23	-1.29	4.66	2.55	1.90	0.32	0.44	1.77	0.43
1552	2	1817	57.11	21.20	-26.51	-25.92	20.60	5.31	-0.09	-3.07	-3.04	-0.12	-0.31
		1818	54.68	24.55	-23.78	-22.31	23.07	8.31	0.29	-2.49	-2.44	0.25	-0.35
		1837	45.02	20.65	-23.23	-22.89	20.31	3.85	-3.15	-3.67	-3.58	-3.24	-0.20
		1836	49.94	18.51	-26.99	-26.91	18.42	2.01	-3.43	-4.12	-4.04	-3.50	-0.21
1552	3	1817	9.01	3.99	-2.31	-2.09	3.76	1.18	0.49	-0.17	-0.12	0.44	0.17
		1818	9.39	4.66	-2.33	-1.94	4.27	1.60	0.44	-0.16	-0.12	0.39	0.16
		1837	7.97	4.17	-2.37	-2.07	3.87	1.36	0.23	-0.21	-0.18	0.20	0.11
		1836	8.00	3.63	-2.46	-2.27	3.43	1.08	0.33	-0.19	-0.16	0.30	0.11
1552	4	1817	21.58	8.63	-9.71	-9.46	8.38	2.12	-0.05	-1.15	-1.14	-0.06	-0.12



		1818	20.86	9.99	-8.74	-8.15	9.39	3.29	0.09	-0.93	-0.92	0.07	-0.14
		1837	17.13	8.46	-8.55	-8.39	8.30	1.67	-1.13	-1.35	-1.32	-1.16	-0.08
		1836	18.80	7.56	-9.90	-9.86	7.51	0.91	-1.23	-1.52	-1.49	-1.26	-0.08
1553	1	1818	17.67	6.62	-2.23	-1.37	5.76	2.62	1.64	-0.04	0.27	1.33	0.65
		1819	18.01	7.67	-2.55	-1.50	6.62	3.10	1.40	-0.20	0.14	1.06	0.65
		1838	15.67	7.29	-2.72	-1.64	6.21	3.10	1.11	-0.06	0.11	0.94	0.41
		1837	16.38	6.38	-2.57	-1.57	5.38	2.82	1.50	0.11	0.26	1.35	0.42
1553	2	1818	55.31	24.57	-23.72	-22.23	23.08	8.35	0.25	-2.62	-2.59	0.21	-0.32
		1819	52.49	28.88	-20.56	-17.45	25.77	12.00	0.77	-1.74	-1.67	0.70	-0.40
		1838	41.69	23.26	-18.62	-17.66	22.30	6.28	-2.74	-3.15	-2.99	-2.91	-0.20
		1837	44.62	20.67	-23.26	-22.93	20.33	3.84	-3.10	-3.62	-3.50	-3.22	-0.22
1553	3	1818	9.41	4.66	-2.33	-1.94	4.26	1.61	0.44	-0.17	-0.12	0.39	0.16
		1819	9.78	5.44	-2.27	-1.65	4.83	2.10	0.40	-0.15	-0.09	0.35	0.16
		1838	7.92	4.81	-2.16	-1.72	4.37	1.70	0.13	-0.22	-0.18	0.10	0.10
		1837	7.96	4.17	-2.37	-2.07	3.88	1.36	0.23	-0.20	-0.18	0.20	0.11
1553	4	1818	21.09	10.00	-8.72	-8.12	9.39	3.31	0.07	-0.98	-0.97	0.06	-0.12
		1819	20.28	11.74	-7.61	-6.37	10.50	4.73	0.27	-0.66	-0.63	0.24	-0.15
		1838	16.23	9.57	-6.90	-6.47	9.13	2.64	-0.99	-1.16	-1.10	-1.04	-0.08
		1837	16.98	8.47	-8.56	-8.40	8.31	1.66	-1.11	-1.33	-1.29	-1.16	-0.09
1554	1	1819	17.92	7.67	-2.57	-1.51	6.61	3.12	1.41	-0.15	0.19	1.07	0.64
		1820	18.33	8.84	-2.70	-1.43	7.57	3.61	1.15	-0.35	0.02	0.78	0.65
		1839	15.01	8.33	-2.65	-1.47	7.15	3.40	0.74	-0.23	-0.02	0.53	0.40
		1838	15.70	7.29	-2.71	-1.64	6.22	3.10	1.10	-0.08	0.09	0.93	0.41
1554	2	1819	54.58	28.94	-20.53	-17.37	25.78	12.10	0.64	-2.18	-2.15	0.60	-0.32
		1820	50.48	34.25	-17.04	-11.12	28.33	16.39	1.38	-0.65	-0.53	1.26	-0.49
		1839	41.95	26.55	-13.56	-11.27	24.26	9.31	-2.23	-2.68	-2.42	-2.49	-0.22
		1838	42.33	23.29	-18.63	-17.67	22.33	6.27	-2.58	-3.03	-2.73	-2.88	-0.22
1554	3	1819	9.87	5.45	-2.27	-1.64	4.82	2.11	0.39	-0.17	-0.11	0.34	0.16
		1820	10.16	6.34	-2.12	-1.18	5.41	2.65	0.36	-0.10	-0.05	0.31	0.15
		1839	7.91	5.54	-1.87	-1.22	4.89	2.09	0.05	-0.22	-0.18	0.01	0.10
		1838	7.87	4.81	-2.16	-1.72	4.37	1.69	0.14	-0.20	-0.17	0.10	0.10
1554	4	1819	21.03	11.76	-7.60	-6.34	10.50	4.77	0.22	-0.82	-0.81	0.20	-0.12
		1820	19.80	13.87	-6.37	-4.05	11.56	6.44	0.50	-0.26	-0.21	0.45	-0.19
		1839	16.52	10.94	-5.10	-4.12	9.96	3.84	-0.80	-0.97	-0.89	-0.88	-0.09
		1838	16.46	9.58	-6.90	-6.47	9.15	2.63	-0.93	-1.10	-1.01	-1.03	-0.08
1555	1	1820	18.17	8.84	-2.72	-1.42	7.53	3.66	1.22	-0.22	0.17	0.83	0.64
		1821	18.11	10.22	-2.67	-1.16	8.70	4.15	0.75	-0.57	-0.17	0.35	0.61
		1840	14.57	9.46	-2.34	-0.99	8.10	3.76	0.43	-0.36	-0.14	0.21	0.35
		1839	15.00	8.31	-2.65	-1.50	7.17	3.35	0.69	-0.28	-0.09	0.49	0.39
1555	2	1820	56.29	34.67	-17.10	-11.04	28.60	16.65	0.96	-2.10	-2.06	0.93	-0.32
		1821	50.03	39.26	-12.62	-5.22	29.16	20.54	2.24	0.78	1.32	1.70	-0.70
		1840	41.81	31.24	-9.23	-4.93	26.94	12.47	-1.36	-2.05	-1.85	-1.56	-0.31
		1839	43.13	26.46	-13.46	-11.05	24.05	9.52	-1.67	-2.47	-1.72	-2.43	-0.18
1555	3	1820	10.43	6.37	-2.14	-1.17	5.41	2.70	0.35	-0.17	-0.11	0.30	0.16
		1821	10.08	7.24	-1.82	-0.48	5.90	3.21	0.29	-0.03	0.03	0.23	0.12
		1840	8.21	6.38	-1.53	-0.63	5.47	2.52	0.02	-0.21	-0.17	-0.02	0.08
		1839	7.77	5.53	-1.86	-1.21	4.88	2.09	0.05	-0.20	-0.15	4.75e-03	0.10
1555	4	1820	21.90	14.03	-6.40	-4.02	11.65	6.54	0.34	-0.79	-0.77	0.33	-0.12
		1821	19.79	15.85	-4.77	-0.89	11.96	8.07	0.83	0.28	0.48	0.63	-0.26
		1840	16.68	12.83	-3.57	-1.79	11.05	5.10	-0.48	-0.74	-0.67	-0.54	-0.11
		1839	16.95	10.91	-5.06	-4.04	9.88	3.92	-0.61	-0.88	-0.63	-0.86	-0.07
1556	1	1821	17.86	10.15	-3.59	-1.93	8.49	4.47	0.76	-0.46	0.03	0.28	0.60
		174	16.19	11.78	-0.69	1.38	9.71	4.64	0.33	-0.70	-0.27	-0.10	0.51
		64	15.03	10.76	-2.40	-1.32	9.68	3.61	0.64	-0.17	0.26	0.21	0.40
		1840	14.68	9.52	-1.85	-0.59	8.26	3.57	0.37	-0.49	-0.36	0.24	0.30
1556	2	1821	50.07	42.06	-7.57	3.65	30.84	20.76	0.61	-2.73	-2.59	0.47	-0.68
		174	50.95	35.54	-8.67	0.15	26.71	17.67	4.64	1.85	4.59	1.90	-0.38
		64	48.46	37.97	-9.26	0.91	27.80	19.42	2.11	0.64	1.98	0.77	-0.41
		1840	42.66	30.42	-11.71	-7.45	26.16	12.70	-0.45	-1.26	-0.71	-1.00	-0.38
1556	3	1821	10.30	7.42	-1.70	-0.24	5.96	3.34	0.18	-0.22	-0.17	0.13	0.13
		174	9.19	7.52	-0.99	0.45	6.08	3.19	0.34	0.07	0.26	0.14	0.12
		64	8.84	7.33	-1.57	-0.32	6.09	3.08	0.23	0.05	0.18	0.10	0.08
		1840	8.19	6.33	-1.57	-0.70	5.46	2.47	0.05	-0.16	-0.14	0.03	0.07
1556	4	1821	19.93	16.89	-2.89	1.41	12.59	8.17	0.24	-1.00	-0.95	0.19	-0.25
		174	20.04	14.56	-3.35	0.09	11.12	7.05	1.72	0.72	1.70	0.74	-0.14
		64	19.45	15.45	-3.65	0.34	11.46	7.77	0.74	0.21	0.69	0.27	-0.16
		1840	17.04	12.52	-4.49	-2.73	10.77	5.18	-0.15	-0.44	-0.24	-0.34	-0.14
1557	1	262	105.89	48.40	-0.95	35.45	12.00	-21.71	11.06	3.35	9.88	4.53	-2.78
		1822	71.29	49.17	2.96	43.23	8.91	-15.47	4.71	0.59	2.84	2.46	-2.05
		1841	76.87	42.55	1.48	42.16	1.88	-4.01	7.54	4.00	7.04	4.50	-1.24
		197	104.43	74.09	-2.70	70.54	0.85	-16.13	4.84	-0.06	4.77	0.01	-0.59
1557	2	262	98.50	68.93	12.62	42.89	38.66	-28.07	8.98	5.40	8.97	5.41	0.20
		1822	66.11	60.85	12.32	40.87	32.30	-23.88	2.55	0.10	2.51	0.15	-0.32
		1841	53.30	50.15	22.90	47.02	26.03	-8.69	1.88	0.82	1.73	0.97	-0.37
		197	113.13	76.56	10.76	64.56	22.76	-25.42	7.95	0.13	7.93	0.15	-0.39
1557	3	262	39.00	20.26	0.95	13.76	7.46	-9.13	3.91	1.49	3.60	1.79	-0.80
		1822	26.69	19.47	2.47	15.94	6.01	-6.90	1.56	0.27	1.05	0.78	-0.63



		1841	26.82	16.49	2.96	16.06	3.40	-2.39	2.36	1.24	2.21	1.39	-0.39
		197	39.35	27.91	0.80	25.80	2.91	-7.26	2.03	-0.02	2.01	-2.29e-04	-0.21
1557	4	262	37.37	26.67	4.64	15.96	15.36	-11.01	3.34	2.05	3.33	2.05	0.08
		1822	25.36	23.55	4.63	15.24	12.94	-9.39	0.97	0.08	0.95	0.09	-0.12
		1841	20.18	19.16	8.90	17.50	10.56	-3.78	0.69	0.29	0.63	0.35	-0.13
		197	42.27	29.12	4.31	24.03	9.40	-10.02	2.95	0.03	2.95	0.04	-0.15
1558	1	1822	78.97	46.34	1.98	40.85	7.47	-14.60	6.45	1.69	5.22	2.93	-2.09
		1823	59.05	37.26	3.04	33.90	6.40	-10.18	4.92	2.15	3.95	3.12	-1.32
		1842	65.39	35.46	3.29	35.20	3.56	-2.91	7.16	5.90	6.46	6.60	-0.63
		1841	67.22	44.95	2.35	44.24	3.06	-5.45	5.36	3.72	5.03	4.05	-0.66
1558	2	1822	67.26	61.11	12.87	41.60	32.38	-23.67	2.76	-0.10	2.71	-0.05	-0.36
		1823	46.62	46.18	10.67	29.60	27.25	-17.72	1.86	-1.06	1.86	-1.06	0.02
		1842	41.09	31.74	20.99	28.26	24.47	-5.03	2.42	2.12	2.13	2.41	-0.06
		1841	65.09	46.50	21.00	43.03	24.47	-8.74	4.94	2.34	4.93	2.35	-0.15
1558	3	1822	28.95	18.66	2.22	15.29	5.59	-6.63	2.11	0.56	1.77	0.90	-0.65
		1823	21.49	14.68	2.47	12.34	4.82	-4.81	1.56	0.67	1.33	0.90	-0.39
		1842	22.58	12.92	3.39	12.60	3.72	-1.72	2.29	1.90	2.07	2.12	-0.19
		1841	24.90	16.96	3.04	16.38	3.62	-2.79	1.93	1.29	1.86	1.36	-0.20
1558	4	1822	25.79	23.65	4.83	15.51	12.97	-9.32	1.04	3.53e-03	1.03	0.02	-0.14
		1823	17.99	18.07	3.99	11.06	10.99	-7.04	0.70	-0.34	0.70	-0.34	7.73e-03
		1842	15.82	12.60	7.86	10.55	9.91	-2.35	0.89	0.78	0.79	0.88	-0.02
		1841	24.46	17.83	8.16	16.02	9.97	-3.77	1.83	0.86	1.83	0.86	-0.05
1559	1	1823	62.28	37.46	2.98	34.00	6.43	-10.35	5.45	2.44	4.56	3.32	-1.37
		1824	49.66	29.71	3.54	27.62	5.63	-7.09	4.82	3.11	4.02	3.92	-0.85
		1843	56.31	27.86	3.49	27.83	3.52	-0.94	7.40	5.58	5.67	7.32	-0.38
		1842	60.24	35.21	3.13	34.99	3.35	-2.67	6.49	5.33	5.55	6.27	-0.45
1559	2	1823	46.19	46.90	10.53	29.66	27.77	-18.16	1.46	-1.17	1.46	-1.17	-0.05
		1824	38.46	35.28	6.55	17.55	24.28	-13.96	0.56	-1.65	0.56	-1.65	0.02
		1843	31.24	22.54	14.54	15.36	21.72	-2.43	2.20	1.39	1.39	2.20	-0.05
		1842	44.53	30.79	20.65	27.86	23.59	-4.60	3.17	2.65	3.15	2.67	-0.10
1559	3	1823	22.37	14.79	2.45	12.37	4.87	-4.90	1.70	0.72	1.48	0.94	-0.41
		1824	17.34	11.37	2.51	9.59	4.29	-3.55	1.43	0.90	1.25	1.08	-0.25
		1843	19.10	9.59	3.30	9.46	3.42	-0.89	2.35	1.75	1.78	2.32	-0.12
		1842	21.38	12.79	3.30	12.51	3.58	-1.61	2.12	1.80	1.88	2.05	-0.14
1559	4	1823	17.89	18.35	3.93	11.09	11.19	-7.21	0.56	-0.39	0.55	-0.39	-0.02
		1824	15.10	14.03	2.39	6.61	9.82	-5.59	0.22	-0.57	0.22	-0.57	6.82e-03
		1843	12.25	9.31	5.27	5.77	8.82	-1.33	0.81	0.51	0.51	0.81	-0.02
		1842	17.02	12.21	7.76	10.39	9.58	-2.18	1.17	0.97	1.17	0.98	-0.04
1560	1	1824	50.64	29.81	3.58	27.69	5.69	-7.15	4.96	3.16	4.18	3.95	-0.89
		1825	42.00	23.48	3.85	22.29	5.04	-4.68	4.65	3.46	3.75	4.35	-0.51
		1844	51.29	21.91	3.42	21.90	3.43	0.47	7.74	5.11	5.13	7.72	-0.23
		1843	54.89	27.79	3.38	27.76	3.41	-0.84	7.28	5.34	5.39	7.23	-0.31
1560	2	1824	38.71	35.54	6.57	17.68	24.43	-14.09	0.38	-1.69	0.38	-1.69	9.49e-03
		1825	35.72	27.24	1.13	6.90	21.48	-10.83	-0.64	-2.14	-0.64	-2.14	-4.43e-03
		1844	27.69	19.50	4.24	4.27	19.47	-0.66	1.83	0.44	0.45	1.83	-0.07
		1843	31.71	22.14	14.46	15.15	21.44	-2.21	2.28	1.70	1.71	2.27	-0.09
1560	3	1824	17.59	11.43	2.52	9.62	4.32	-3.58	1.47	0.91	1.28	1.09	-0.26
		1825	13.90	8.60	2.46	7.23	3.83	-2.55	1.29	0.97	1.08	1.18	-0.15
		1844	17.00	6.91	3.13	6.89	3.15	-0.28	2.42	1.54	1.55	2.41	-0.07
		1843	18.76	9.54	3.25	9.43	3.37	-0.84	2.32	1.71	1.72	2.30	-0.10
1560	4	1824	15.18	14.13	2.40	6.65	9.87	-5.64	0.15	-0.58	0.15	-0.58	3.21e-03
		1825	13.94	11.00	0.37	2.67	8.70	-4.37	-0.22	-0.75	-0.22	-0.75	-1.55e-03
		1844	10.92	7.97	1.60	1.67	7.91	-0.62	0.67	0.16	0.16	0.67	-0.03
		1843	12.40	9.15	5.24	5.69	8.71	-1.24	0.84	0.63	0.63	0.83	-0.03
1561	1	1825	42.34	23.56	3.87	22.36	5.07	-4.71	4.68	3.48	3.81	4.36	-0.53
		1826	36.33	18.39	3.90	17.80	4.48	-2.85	4.62	3.37	3.42	4.56	-0.25
		1845	47.86	17.17	3.15	17.01	3.30	1.47	7.84	4.64	4.65	7.84	-0.12
		1844	50.84	21.85	3.36	21.84	3.37	0.52	7.70	5.02	5.04	7.69	-0.20
1561	2	1825	35.86	27.36	1.19	7.00	21.54	-10.88	-0.69	-2.15	-0.69	-2.15	7.22e-03
		1826	34.50	21.90	-5.22	-2.35	19.03	-8.34	-1.64	-2.58	-1.65	-2.58	-0.02
		1845	31.35	17.59	-5.36	-5.35	17.58	0.46	1.48	-0.48	-0.47	1.48	-0.09
		1844	27.55	19.35	4.09	4.11	19.33	-0.55	1.85	0.54	0.54	1.85	-0.09
1561	3	1825	13.99	8.63	2.47	7.26	3.84	-2.57	1.30	0.97	1.09	1.18	-0.16
		1826	11.32	6.31	2.32	5.23	3.41	-1.78	1.22	0.89	0.90	1.21	-0.07
		1845	15.63	4.75	2.89	4.73	2.90	0.15	2.42	1.34	1.34	2.42	-0.04
		1844	16.88	6.87	3.11	6.86	3.12	-0.26	2.41	1.52	1.53	2.41	-0.07
1561	4	1825	13.99	11.04	0.39	2.71	8.73	-4.39	-0.24	-0.75	-0.24	-0.75	2.37e-03
		1826	13.35	8.92	-1.94	-0.74	7.72	-3.40	-0.60	-0.91	-0.60	-0.91	-7.49e-03
		1845	12.13	7.13	-1.89	-1.89	7.13	-0.15	0.54	-0.18	-0.18	0.54	-0.03
		1844	10.87	7.90	1.55	1.60	7.85	-0.58	0.68	0.19	0.20	0.68	-0.03
1562	1	1826	36.46	18.44	3.91	17.86	4.50	-2.87	4.62	3.39	3.44	4.57	-0.25
		1827	32.18	14.22	3.76	14.00	3.98	-1.48	4.61	3.07	3.07	4.61	-0.04
		1846	44.98	13.41	2.69	12.96	3.14	2.14	7.72	4.17	4.17	7.72	-0.04
		1845	47.67	17.11	3.10	16.95	3.26	1.49	7.83	4.61	4.61	7.82	-0.11
1562	2	1826	34.58	21.96	-5.16	-2.27	19.07	-8.37	-1.66	-2.58	-1.66	-2.58	-7.54e-03
		1827	34.37	18.45	-11.69	-10.25	17.02	-6.42	-2.50	-2.96	-2.50	-2.96	-0.04
		1846	38.46	16.08	-13.61	-13.57	16.05	1.04	1.18	-1.29	-1.29	1.17	-0.10



1562	3	1845	31.27	17.51	-5.49	-5.48	17.50	0.51	1.49	-0.45	-0.44	1.48	-0.09
		1826	11.36	6.34	2.33	5.25	3.42	-1.78	1.22	0.89	0.91	1.21	-0.08
		1827	9.52	4.49	2.08	3.53	3.04	-1.18	1.19	0.73	0.73	1.19	-0.02
		1846	14.67	3.26	2.35	2.93	2.67	0.44	2.37	1.14	1.14	2.36	-0.02
1562	4	1845	15.58	4.72	2.87	4.71	2.88	0.16	2.42	1.33	1.33	2.42	-0.04
		1826	13.38	8.94	-1.92	-0.71	7.73	-3.41	-0.60	-0.91	-0.60	-0.91	-3.28e-03
		1827	13.17	7.53	-4.29	-3.66	6.90	-2.65	-0.92	-1.05	-0.92	-1.05	-0.01
		1846	14.63	6.50	-4.93	-4.93	6.50	0.11	0.43	-0.49	-0.48	0.42	-0.04
1563	1	1845	12.10	7.10	-1.94	-1.94	7.10	-0.13	0.54	-0.17	-0.17	0.54	-0.03
		1827	32.24	14.26	3.78	14.05	3.99	-1.50	4.61	3.08	3.08	4.61	-0.05
		1828	29.08	10.81	3.53	10.78	3.56	-0.47	4.53	2.71	2.72	4.53	0.11
		1847	42.26	10.48	2.10	9.60	2.98	2.57	7.44	3.71	3.71	7.44	0.01
1563	2	1846	44.89	13.36	2.65	12.91	3.11	2.16	7.71	4.16	4.16	7.71	-0.04
		1827	34.41	18.49	-11.64	-10.19	17.04	-6.44	-2.51	-2.96	-2.51	-2.96	-0.03
		1828	35.50	16.21	-17.62	-16.87	15.46	-4.97	-3.19	-3.31	-3.22	-3.28	-0.06
		1847	46.06	14.92	-20.49	-20.45	14.88	1.19	0.92	-1.99	-1.99	0.91	-0.11
1563	3	1846	38.46	16.03	-13.72	-13.68	15.99	1.07	1.18	-1.28	-1.28	1.17	-0.09
		1827	9.54	4.51	2.08	3.54	3.05	-1.19	1.19	0.74	0.74	1.19	-0.02
		1828	8.40	3.22	1.62	2.09	2.75	-0.73	1.14	0.58	0.58	1.14	0.03
		1847	13.97	2.77	1.14	1.43	2.48	0.62	2.26	0.95	0.95	2.26	-5.39e-03
1563	4	1846	14.65	3.24	2.32	2.91	2.66	0.44	2.36	1.13	1.13	2.36	-0.02
		1827	13.19	7.54	-4.27	-3.64	6.91	-2.65	-0.92	-1.05	-0.92	-1.05	-0.01
		1828	13.39	6.61	-6.44	-6.10	6.27	-2.06	-1.16	-1.20	-1.18	-1.17	-0.02
		1847	17.35	6.01	-7.48	-7.47	6.01	0.21	0.33	-0.74	-0.74	0.33	-0.04
1564	1	1846	14.63	6.48	-4.97	-4.97	6.48	0.12	0.43	-0.48	-0.48	0.42	-0.04
		1828	29.11	10.85	3.54	10.82	3.58	-0.48	4.53	2.71	2.72	4.53	0.11
		1829	26.66	8.06	3.24	8.05	3.26	0.27	4.37	2.35	2.37	4.35	0.22
		1848	39.56	8.28	1.39	6.81	2.86	2.82	7.03	3.26	3.26	7.03	0.05
1564	2	1847	42.20	10.44	2.07	9.55	2.96	2.58	7.43	3.71	3.71	7.43	0.01
		1828	35.45	16.24	-17.58	-16.82	15.48	-4.99	-3.20	-3.31	-3.22	-3.28	-0.05
		1829	42.72	14.78	-22.65	-22.25	14.37	-3.88	-3.52	-3.82	-3.80	-3.54	-0.08
		1848	52.92	14.10	-26.05	-26.03	14.07	1.02	0.71	-2.55	-2.55	0.71	-0.12
1564	3	1847	46.10	14.88	-20.58	-20.54	14.84	1.21	0.92	-1.98	-1.98	0.92	-0.10
		1828	8.40	3.23	1.62	2.10	2.75	-0.73	1.14	0.58	0.58	1.14	0.03
		1829	7.80	2.62	0.80	0.89	2.53	-0.39	1.07	0.42	0.43	1.07	0.06
		1848	13.42	2.57	-0.03	0.19	2.35	0.73	2.12	0.77	0.77	2.12	4.45e-03
1564	4	1847	13.95	2.76	1.12	1.41	2.47	0.63	2.26	0.94	0.94	2.26	-4.66e-03
		1828	13.37	6.62	-6.42	-6.09	6.28	-2.07	-1.16	-1.20	-1.18	-1.17	-0.02
		1829	15.97	6.01	-8.27	-8.09	5.82	-1.62	-1.26	-1.41	-1.40	-1.27	-0.03
		1848	19.83	5.67	-9.54	-9.54	5.67	0.20	0.25	-0.95	-0.95	0.25	-0.04
1565	1	1847	17.36	6.00	-7.51	-7.51	5.99	0.22	0.33	-0.74	-0.74	0.33	-0.04
		1829	26.67	8.09	3.25	8.08	3.27	0.26	4.37	2.35	2.37	4.34	0.22
		1830	24.67	5.97	2.84	5.74	3.07	0.82	4.13	1.99	2.04	4.08	0.30
		1849	36.86	6.71	0.58	4.49	2.80	2.95	6.54	2.83	2.83	6.54	0.07
1565	2	1848	39.52	8.24	1.36	6.76	2.84	2.83	7.03	3.26	3.26	7.03	0.05
		1829	42.68	14.80	-22.62	-22.21	14.39	-3.90	-3.52	-3.82	-3.80	-3.54	-0.07
		1830	48.56	13.96	-26.63	-26.40	13.73	-3.05	-3.72	-4.27	-4.25	-3.74	-0.10
		1849	58.57	13.63	-30.35	-30.34	13.62	0.61	0.56	-2.99	-2.98	0.55	-0.12
1565	3	1848	52.96	14.07	-26.12	-26.10	14.04	1.03	0.71	-2.55	-2.55	0.71	-0.11
		1829	7.80	2.62	0.81	0.90	2.53	-0.39	1.07	0.42	0.43	1.07	0.06
		1830	7.58	2.41	-0.11	-0.10	2.40	-0.12	0.98	0.29	0.30	0.97	0.08
		1849	12.96	2.46	-1.00	-0.81	2.27	0.78	1.97	0.61	0.61	1.97	0.01
1565	4	1848	13.41	2.56	-0.05	0.17	2.34	0.73	2.12	0.77	0.77	2.12	4.95e-03
		1829	15.96	6.02	-8.26	-8.07	5.83	-1.62	-1.26	-1.40	-1.40	-1.27	-0.03
		1830	18.09	5.67	-9.73	-9.63	5.56	-1.26	-1.34	-1.57	-1.57	-1.34	-0.04
		1849	21.90	5.47	-11.13	-11.13	5.47	0.09	0.20	-1.11	-1.11	0.19	-0.05
1566	1	1848	19.85	5.66	-9.56	-9.56	5.66	0.20	0.25	-0.95	-0.95	0.25	-0.04
		1830	24.68	5.99	2.85	5.77	3.08	0.81	4.13	1.99	2.04	4.08	0.30
		1831	22.98	4.71	2.11	3.81	3.01	1.23	3.83	1.66	1.72	3.77	0.36
		1850	34.18	5.70	-0.28	2.59	2.83	2.98	5.99	2.42	2.42	5.99	0.09
1566	2	1849	36.84	6.68	0.56	4.45	2.79	2.95	6.53	2.83	2.83	6.53	0.07
		1830	48.53	13.97	-26.61	-26.38	13.74	-3.06	-3.72	-4.26	-4.25	-3.74	-0.09
		1831	52.84	13.66	-29.50	-29.37	13.53	-2.37	-3.85	-4.58	-4.56	-3.87	-0.12
		1850	62.82	13.51	-33.41	-33.41	13.51	0.07	0.46	-3.29	-3.28	0.45	-0.13
1566	3	1849	58.61	13.61	-30.40	-30.39	13.60	0.62	0.56	-2.99	-2.98	0.55	-0.12
		1830	7.57	2.41	-0.10	-0.09	2.40	-0.12	0.98	0.29	0.30	0.97	0.08
		1831	7.58	2.36	-0.89	-0.89	2.36	0.10	0.88	0.17	0.18	0.87	0.10
		1850	12.57	2.42	-1.76	-1.60	2.26	0.80	1.80	0.47	0.47	1.80	0.01
1566	4	1849	12.96	2.45	-1.01	-0.83	2.26	0.78	1.97	0.61	0.61	1.97	0.01
		1830	18.08	5.67	-9.72	-9.62	5.56	-1.27	-1.34	-1.57	-1.57	-1.34	-0.03
		1831	19.65	5.53	-10.78	-10.72	5.48	-0.97	-1.38	-1.69	-1.68	-1.39	-0.05
		1850	23.46	5.42	-12.27	-12.27	5.42	-0.06	0.16	-1.23	-1.22	0.15	-0.05
1567	1	1849	21.91	5.47	-11.15	-11.15	5.47	0.09	0.20	-1.11	-1.11	0.19	-0.05
		1831	22.98	4.72	2.13	3.84	3.01	1.23	3.83	1.66	1.72	3.77	0.36
		1832	21.50	4.26	1.04	2.23	3.08	1.56	3.48	1.34	1.42	3.41	0.40
		1851	31.55	5.12	-1.12	1.05	2.95	2.97	5.41	2.04	2.04	5.40	0.09
		1850	34.16	5.67	-0.30	2.56	2.82	2.98	5.99	2.42	2.42	5.98	0.09



1567	2	1831	52.81	13.66	-29.49	-29.35	13.53	-2.38	-3.85	-4.58	-4.56	-3.87	-0.11
		1832	55.49	13.81	-31.24	-31.17	13.74	-1.76	-3.91	-4.76	-4.73	-3.93	-0.14
		1851	65.57	13.74	-35.26	-35.25	13.73	-0.52	0.40	-3.46	-3.45	0.40	-0.14
		1850	62.84	13.50	-33.44	-33.44	13.50	0.07	0.45	-3.29	-3.28	0.45	-0.12
1567	3	1831	7.58	2.36	-0.89	-0.88	2.36	0.10	0.88	0.17	0.18	0.87	0.10
		1832	7.69	2.42	-1.52	-1.50	2.40	0.29	0.77	0.06	0.08	0.76	0.10
		1851	12.20	2.45	-2.33	-2.20	2.32	0.80	1.62	0.34	0.34	1.62	0.02
		1850	12.57	2.41	-1.77	-1.61	2.25	0.80	1.79	0.47	0.47	1.79	0.01
1567	4	1831	19.64	5.54	-10.78	-10.72	5.48	-0.97	-1.39	-1.69	-1.68	-1.39	-0.04
		1832	20.64	5.59	-11.42	-11.39	5.56	-0.70	-1.41	-1.75	-1.75	-1.42	-0.05
		1851	24.48	5.51	-12.96	-12.95	5.51	-0.23	0.14	-1.29	-1.29	0.14	-0.05
		1850	23.46	5.42	-12.28	-12.28	5.42	-0.06	0.16	-1.23	-1.22	0.15	-0.05
1568	1	1832	21.50	4.27	1.05	2.24	3.08	1.55	3.48	1.34	1.42	3.41	0.40
		1833	20.19	4.28	-0.06	0.95	3.28	1.83	3.11	1.05	1.14	3.02	0.42
		1852	29.00	4.88	-1.87	-0.16	3.17	2.94	4.80	1.68	1.69	4.80	0.10
		1851	31.53	5.10	-1.14	1.03	2.94	2.97	5.40	2.04	2.04	5.40	0.10
1568	2	1832	55.48	13.81	-31.23	-31.16	13.74	-1.77	-3.91	-4.75	-4.73	-3.93	-0.13
		1833	56.51	14.39	-31.84	-31.81	14.36	-1.11	-3.90	-4.80	-4.77	-3.93	-0.16
		1852	66.80	14.28	-35.91	-35.89	14.26	-1.07	0.41	-3.49	-3.49	0.40	-0.14
		1851	65.59	13.73	-35.27	-35.27	13.73	-0.52	0.40	-3.46	-3.45	0.40	-0.13
1568	3	1832	7.68	2.43	-1.51	-1.49	2.41	0.28	0.77	0.06	0.08	0.76	0.11
		1833	7.82	2.58	-1.98	-1.93	2.54	0.46	0.66	-0.03	-8.86e-03	0.64	0.11
		1852	11.84	2.57	-2.73	-2.61	2.45	0.80	1.44	0.23	0.23	1.44	0.02
		1851	12.20	2.45	-2.34	-2.21	2.31	0.80	1.62	0.34	0.34	1.62	0.02
1568	4	1832	20.63	5.59	-11.42	-11.39	5.56	-0.70	-1.41	-1.75	-1.75	-1.42	-0.05
		1833	21.03	5.83	-11.65	-11.64	5.82	-0.41	-1.41	-1.77	-1.76	-1.42	-0.06
		1852	24.95	5.74	-13.20	-13.19	5.73	-0.39	0.14	-1.30	-1.30	0.14	-0.06
		1851	24.49	5.51	-12.96	-12.96	5.51	-0.23	0.14	-1.29	-1.29	0.14	-0.05
1569	1	1833	20.19	4.28	-0.04	0.96	3.28	1.82	3.11	1.05	1.14	3.02	0.42
		1834	19.04	4.54	-0.99	-0.05	3.61	2.07	2.71	0.78	0.89	2.61	0.43
		1853	26.55	4.91	-2.48	-1.08	3.50	2.90	4.20	1.36	1.36	4.19	0.10
		1852	28.99	4.87	-1.89	-0.18	3.16	2.94	4.80	1.68	1.69	4.80	0.10
1569	2	1833	56.50	14.39	-31.84	-31.81	14.36	-1.12	-3.90	-4.80	-4.77	-3.93	-0.15
		1834	55.91	15.37	-31.31	-31.31	15.37	-0.34	-3.82	-4.71	-4.67	-3.86	-0.18
		1853	66.49	15.12	-35.37	-35.32	15.08	-1.49	0.46	-3.39	-3.39	0.45	-0.15
		1852	66.81	14.29	-35.91	-35.89	14.27	-1.07	0.40	-3.49	-3.49	0.40	-0.14
1569	3	1833	7.82	2.58	-1.97	-1.93	2.54	0.46	0.66	-0.03	-8.88e-03	0.64	0.11
		1834	7.93	2.83	-2.28	-2.20	2.75	0.64	0.55	-0.10	-0.08	0.53	0.11
		1853	11.45	2.76	-2.96	-2.84	2.65	0.81	1.26	0.14	0.14	1.26	0.01
		1852	11.84	2.57	-2.74	-2.61	2.44	0.80	1.44	0.23	0.23	1.44	0.02
1569	4	1833	21.03	5.83	-11.65	-11.64	5.82	-0.41	-1.41	-1.77	-1.76	-1.42	-0.06
		1834	20.85	6.24	-11.46	-11.46	6.24	-0.07	-1.38	-1.74	-1.72	-1.39	-0.07
		1853	24.87	6.09	-13.00	-12.99	6.08	-0.49	0.16	-1.27	-1.26	0.15	-0.06
		1852	24.96	5.74	-13.20	-13.19	5.73	-0.39	0.14	-1.30	-1.30	0.13	-0.05
1570	1	1834	19.03	4.54	-0.97	-0.04	3.61	2.07	2.71	0.78	0.88	2.61	0.43
		1835	18.02	4.99	-1.72	-0.79	4.07	2.31	2.31	0.54	0.65	2.19	0.43
		1854	24.24	5.16	-2.94	-1.73	3.95	2.89	3.59	1.06	1.07	3.59	0.09
		1853	26.55	4.91	-2.50	-1.09	3.50	2.91	4.20	1.36	1.36	4.19	0.10
1570	2	1834	55.90	15.36	-31.33	-31.32	15.36	-0.35	-3.82	-4.70	-4.67	-3.86	-0.17
		1835	53.73	16.74	-29.68	-29.67	16.73	0.67	-3.67	-4.49	-4.44	-3.72	-0.20
		1854	64.63	16.21	-33.60	-33.54	16.15	-1.68	0.56	-3.16	-3.15	0.56	-0.14
		1853	66.51	15.14	-35.34	-35.30	15.10	-1.48	0.46	-3.40	-3.40	0.45	-0.14
1570	3	1834	7.93	2.83	-2.28	-2.20	2.75	0.64	0.55	-0.10	-0.08	0.53	0.11
		1835	7.99	3.18	-2.44	-2.31	3.05	0.84	0.43	-0.15	-0.13	0.41	0.11
		1854	11.03	3.04	-3.04	-2.91	2.91	0.85	1.09	0.07	0.07	1.09	0.01
		1853	11.45	2.76	-2.97	-2.85	2.65	0.81	1.26	0.14	0.14	1.26	0.01
1570	4	1834	20.85	6.24	-11.46	-11.46	6.24	-0.08	-1.38	-1.74	-1.72	-1.39	-0.07
		1835	20.10	6.81	-10.87	-10.86	6.81	0.36	-1.32	-1.66	-1.64	-1.34	-0.08
		1854	24.23	6.54	-12.35	-12.34	6.53	-0.50	0.20	-1.18	-1.18	0.19	-0.06
		1853	24.88	6.09	-12.99	-12.98	6.08	-0.49	0.16	-1.27	-1.27	0.15	-0.06
1571	1	1835	18.02	4.99	-1.71	-0.78	4.07	2.31	2.30	0.54	0.65	2.19	0.43
		1836	17.14	5.61	-2.24	-1.29	4.66	2.56	1.90	0.32	0.45	1.77	0.43
		1855	22.07	5.60	-3.22	-2.13	4.52	2.90	2.99	0.80	0.80	2.99	0.09
		1854	24.24	5.16	-2.95	-1.74	3.95	2.89	3.59	1.07	1.07	3.59	0.09
1571	2	1835	53.70	16.73	-29.70	-29.69	16.73	0.65	-3.67	-4.47	-4.43	-3.72	-0.18
		1836	50.02	18.50	-26.96	-26.87	18.41	2.03	-3.44	-4.14	-4.07	-3.51	-0.21
		1855	61.20	17.47	-30.58	-30.53	17.42	-1.55	0.72	-2.79	-2.78	0.72	-0.14
		1854	64.69	16.24	-33.56	-33.50	16.18	-1.67	0.56	-3.18	-3.17	0.55	-0.14
1571	3	1835	7.99	3.18	-2.44	-2.31	3.05	0.84	0.43	-0.15	-0.13	0.41	0.11
		1836	8.00	3.63	-2.46	-2.26	3.43	1.08	0.33	-0.19	-0.16	0.30	0.11
		1855	10.55	3.39	-2.96	-2.82	3.25	0.93	0.92	0.02	0.02	0.92	0.01
		1854	11.03	3.04	-3.04	-2.91	2.92	0.85	1.09	0.07	0.07	1.09	0.01
1571	4	1835	20.09	6.81	-10.88	-10.87	6.80	0.35	-1.32	-1.65	-1.63	-1.34	-0.07
		1836	18.83	7.55	-9.89	-9.84	7.50	0.92	-1.24	-1.53	-1.50	-1.26	-0.08
		1855	23.04	7.08	-11.25	-11.24	7.07	-0.39	0.25	-1.04	-1.04	0.25	-0.06
		1854	24.26	6.55	-12.34	-12.32	6.54	-0.50	0.19	-1.19	-1.19	0.19	-0.06
1572	1	1836	17.14	5.61	-2.23	-1.29	4.66	2.56	1.90	0.31	0.44	1.77	0.43



		1837	16.38	6.38	-2.57	-1.57	5.38	2.82	1.50	0.12	0.27	1.35	0.42
		1856	20.04	6.22	-3.33	-2.32	5.21	2.94	2.41	0.56	0.56	2.41	0.08
		1855	22.07	5.61	-3.23	-2.15	4.52	2.91	3.00	0.81	0.81	2.99	0.09
1572	2	1836	49.92	18.49	-27.00	-26.91	18.40	2.00	-3.44	-4.11	-4.04	-3.51	-0.19
		1837	44.98	20.66	-23.22	-22.87	20.32	3.86	-3.13	-3.69	-3.58	-3.24	-0.22
		1856	56.20	18.83	-26.28	-26.25	18.81	-1.01	0.94	-2.26	-2.25	0.93	-0.13
		1855	61.41	17.52	-30.52	-30.47	17.47	-1.53	0.71	-2.84	-2.83	0.70	-0.15
1572	3	1836	8.00	3.63	-2.46	-2.27	3.43	1.08	0.33	-0.19	-0.16	0.30	0.11
		1837	7.97	4.17	-2.37	-2.07	3.88	1.36	0.23	-0.21	-0.18	0.20	0.11
		1856	10.02	3.81	-2.74	-2.57	3.64	1.05	0.77	-0.01	-0.01	0.77	0.01
		1855	10.56	3.39	-2.96	-2.82	3.25	0.93	0.92	0.02	0.02	0.92	0.01
1572	4	1836	18.80	7.55	-9.91	-9.86	7.50	0.91	-1.24	-1.51	-1.49	-1.26	-0.08
		1837	17.11	8.47	-8.55	-8.38	8.30	1.67	-1.12	-1.36	-1.32	-1.16	-0.09
		1856	21.29	7.67	-9.66	-9.66	7.67	-0.12	0.33	-0.85	-0.85	0.33	-0.05
		1855	23.11	7.10	-11.22	-11.21	7.09	-0.38	0.25	-1.06	-1.06	0.25	-0.06
1573	1	1837	16.38	6.38	-2.57	-1.57	5.38	2.82	1.49	0.11	0.25	1.35	0.42
		1838	15.69	7.29	-2.72	-1.64	6.22	3.10	1.11	-0.05	0.12	0.94	0.41
		1857	18.20	7.00	-3.28	-2.30	6.02	3.02	1.84	0.33	0.34	1.84	0.07
		1856	20.05	6.23	-3.35	-2.33	5.21	2.96	2.42	0.58	0.59	2.41	0.09
1573	2	1837	44.62	20.63	-23.27	-22.94	20.30	3.83	-3.12	-3.60	-3.49	-3.22	-0.20
		1838	41.84	23.30	-18.60	-17.63	22.33	6.31	-2.73	-3.18	-2.99	-2.92	-0.22
		1857	49.55	20.16	-20.62	-20.62	20.16	0.04	1.22	-1.52	-1.52	1.22	-0.10
		1856	56.85	18.91	-26.18	-26.16	18.89	-0.96	0.90	-2.41	-2.40	0.90	-0.16
1573	3	1837	7.96	4.17	-2.37	-2.07	3.87	1.36	0.23	-0.21	-0.18	0.20	0.11
		1838	7.91	4.81	-2.16	-1.72	4.37	1.70	0.13	-0.21	-0.18	0.10	0.10
		1857	9.42	4.30	-2.39	-2.16	4.07	1.22	0.62	-0.02	-0.02	0.62	9.06e-03
		1856	10.03	3.82	-2.74	-2.57	3.65	1.06	0.77	-0.01	-0.01	0.77	0.01
1573	4	1837	16.98	8.46	-8.57	-8.41	8.29	1.66	-1.12	-1.33	-1.29	-1.16	-0.08
		1838	16.28	9.58	-6.90	-6.46	9.15	2.65	-0.98	-1.16	-1.10	-1.04	-0.09
		1857	18.97	8.27	-7.60	-7.59	8.26	0.34	0.44	-0.58	-0.57	0.43	-0.04
		1856	21.52	7.70	-9.63	-9.63	7.70	-0.10	0.32	-0.90	-0.90	0.32	-0.06
1574	1	1838	15.72	7.29	-2.71	-1.64	6.21	3.10	1.09	-0.09	0.07	0.93	0.41
		1839	15.01	8.32	-2.65	-1.48	7.15	3.38	0.75	-0.21	5.59e-03	0.54	0.40
		1858	16.58	7.93	-3.07	-2.12	6.98	3.10	1.29	0.10	0.10	1.28	0.06
		1857	18.17	7.02	-3.30	-2.31	6.03	3.04	1.87	0.41	0.42	1.86	0.09
1574	2	1838	42.22	23.21	-18.65	-17.70	22.26	6.23	-2.57	-3.02	-2.72	-2.87	-0.21
		1839	42.16	26.73	-13.61	-11.21	24.33	9.53	-2.30	-2.66	-2.43	-2.54	-0.17
		1858	40.78	21.25	-13.47	-13.38	21.16	1.74	1.54	-0.41	-0.41	1.54	-0.04
		1857	51.61	20.32	-20.50	-20.50	20.32	0.14	1.11	-2.02	-2.01	1.10	-0.18
1574	3	1838	7.88	4.80	-2.16	-1.73	4.36	1.69	0.13	-0.21	-0.17	0.10	0.10
		1839	7.93	5.55	-1.87	-1.22	4.90	2.10	0.06	-0.22	-0.17	9.09e-03	0.10
		1858	8.73	4.85	-1.91	-1.58	4.52	1.45	0.48	-0.01	-0.01	0.48	8.63e-03
		1857	9.47	4.33	-2.39	-2.15	4.09	1.24	0.62	-0.04	-0.04	0.62	7.74e-03
1574	4	1838	16.42	9.55	-6.91	-6.49	9.12	2.62	-0.93	-1.10	-1.00	-1.02	-0.08
		1839	16.60	11.01	-5.12	-4.10	9.99	3.93	-0.83	-0.96	-0.89	-0.90	-0.07
		1858	15.92	8.81	-5.00	-4.92	8.73	1.05	0.55	-0.16	-0.16	0.55	-0.02
		1857	19.71	8.33	-7.55	-7.54	8.32	0.38	0.40	-0.76	-0.75	0.39	-0.07
1575	1	1839	15.17	8.38	-2.67	-1.50	7.21	3.41	0.67	-0.32	-0.13	0.48	0.40
		1840	14.67	9.27	-2.26	-1.04	8.04	3.56	0.52	-0.36	-0.09	0.24	0.41
		1859	15.02	9.10	-2.67	-1.79	8.22	3.11	0.63	-0.22	-0.21	0.62	0.07
		1858	16.45	7.92	-3.10	-2.12	6.94	3.14	1.38	0.35	0.35	1.37	0.08
1575	2	1839	42.63	26.17	-13.37	-11.12	23.92	9.17	-1.62	-2.42	-1.68	-2.35	-0.22
		1840	42.33	32.46	-10.18	-4.78	27.06	14.18	-1.73	-1.88	-1.86	-1.75	0.05
		1859	29.26	21.35	-4.76	-3.77	20.36	4.99	1.59	1.36	1.39	1.55	0.08
		1858	46.65	21.91	-13.34	-13.23	21.80	1.92	1.13	-2.03	-2.01	1.12	-0.20
1575	3	1839	7.80	5.52	-1.86	-1.22	4.88	2.08	0.05	-0.20	-0.16	7.93e-03	0.10
		1840	8.45	6.42	-1.58	-0.63	5.47	2.59	0.04	-0.23	-0.15	-0.03	0.12
		1859	7.68	5.43	-1.28	-0.78	4.92	1.77	0.29	0.03	0.03	0.29	0.02
		1858	8.90	4.91	-1.91	-1.57	4.57	1.48	0.47	-0.05	-0.05	0.47	4.99e-03
1575	4	1839	16.75	10.80	-5.03	-4.07	9.83	3.79	-0.59	-0.86	-0.62	-0.83	-0.09
		1840	16.93	13.29	-3.93	-1.73	11.10	5.74	-0.62	-0.68	-0.68	-0.62	0.01
		1859	11.94	9.04	-1.89	-1.37	8.52	2.33	0.57	0.50	0.50	0.56	0.02
		1858	18.02	9.06	-4.95	-4.86	8.97	1.13	0.40	-0.76	-0.76	0.39	-0.08
1576	1	1840	15.65	9.70	-1.72	-0.26	8.24	3.81	0.38	-0.69	-0.47	0.16	0.43
		64	15.79	11.12	-3.06	-1.63	9.70	4.26	0.74	7.02e-03	0.42	0.32	0.36
		173	10.51	10.38	0.56	1.56	9.38	2.96	-0.18	-0.46	-0.45	-0.19	0.05
		1859	14.45	8.55	-3.78	-3.12	7.89	2.77	0.72	0.17	0.20	0.70	0.11
1576	2	1840	40.73	31.07	-12.35	-7.54	26.27	13.62	-0.82	-1.19	-0.88	-1.13	0.14
		64	41.29	35.01	-6.42	1.13	27.47	15.99	2.38	1.60	2.20	1.79	-0.33
		173	43.15	27.38	-9.58	-0.30	18.10	16.02	4.09	0.38	4.07	0.40	0.28
		1859	33.28	24.16	0.83	2.55	22.45	6.08	-0.20	-2.91	-2.91	-0.20	0.03
1576	3	1840	8.75	6.44	-1.58	-0.61	5.47	2.62	0.06	-0.26	-0.19	-0.01	0.13
		64	9.20	7.24	-1.58	-0.40	6.06	3.01	0.32	0.17	0.25	0.24	0.07
		173	7.02	6.38	-0.71	0.48	5.20	2.65	0.16	-0.04	0.15	-0.03	0.04
		1859	7.78	5.49	-1.20	-0.69	4.99	1.77	0.18	-0.16	-0.16	0.18	0.02
1576	4	1840	16.39	12.78	-4.73	-2.77	10.81	5.53	-0.29	-0.41	-0.31	-0.39	0.05
		64	16.76	14.34	-2.60	0.42	11.33	6.48	0.87	0.58	0.78	0.67	-0.13



		173	17.19	11.46	-3.76	-0.08	7.78	6.52	1.50	0.13	1.49	0.14	0.11
		1859	13.35	10.13	0.16	0.99	9.30	2.75	-0.09	-1.08	-1.08	-0.09	-1.51e-03
1577	1	197	102.70	74.24	-3.63	70.65	-0.04	-16.32	4.88	0.85	4.57	1.15	-1.07
		1841	87.16	52.41	-8.22	42.20	1.99	-22.70	7.39	4.28	7.36	4.30	-0.26
		1860	61.47	47.98	0.10	45.83	2.26	-9.92	4.78	2.61	3.92	3.47	1.06
		234	89.47	42.40	2.25	39.60	5.05	-10.21	10.02	3.15	9.88	3.29	0.96
1577	2	197	112.90	77.77	6.61	63.98	20.41	-28.13	8.60	3.64	8.60	3.64	-0.11
		1841	84.13	76.59	-3.63	47.01	25.95	-38.71	2.72	1.91	2.59	2.04	0.29
		1860	62.78	54.37	8.12	40.19	22.31	-21.33	3.24	0.70	3.24	0.71	0.13
		234	90.21	64.05	7.78	43.21	28.62	-27.17	7.62	2.17	7.62	2.17	0.01
1577	3	197	38.77	27.99	0.20	25.78	2.42	-7.53	2.09	0.59	2.01	0.67	-0.33
		1841	32.20	21.76	-2.27	16.07	3.42	-10.21	2.39	1.43	2.39	1.44	-0.06
		1860	22.70	18.33	1.45	16.61	3.17	-5.11	1.64	0.93	1.44	1.13	0.32
		234	32.46	17.48	2.06	14.98	4.55	-5.68	3.51	1.08	3.47	1.12	0.29
1577	4	197	42.36	29.57	2.71	23.80	8.48	-11.03	3.21	1.41	3.21	1.41	-0.05
		1841	32.18	29.37	-1.35	17.50	10.52	-14.96	1.02	0.72	0.97	0.77	0.11
		1860	24.03	21.00	3.05	14.94	9.11	-8.49	1.24	0.31	1.24	0.31	0.04
		234	33.92	24.73	2.85	16.05	11.53	-10.70	2.80	0.79	2.80	0.79	7.50e-03
1578	1	1841	76.69	52.56	-5.01	44.24	3.31	-20.24	5.23	3.73	4.95	4.01	-0.58
		1842	72.83	43.01	-4.45	35.22	3.35	-17.58	6.85	6.09	6.45	6.49	-0.37
		1861	56.69	37.84	-1.33	35.48	1.04	-9.33	4.95	3.79	4.71	4.04	0.47
		1860	70.78	46.25	-1.68	43.55	1.01	-11.04	6.05	3.35	5.81	3.59	0.77
1578	2	1841	86.96	71.21	-3.09	43.01	25.11	-36.06	5.02	2.95	4.98	2.99	0.29
		1842	70.08	58.66	-6.50	28.19	23.96	-32.51	2.67	2.20	2.21	2.66	-0.07
		1861	49.15	43.21	4.64	28.60	19.25	-18.71	1.85	-1.22	1.84	-1.21	-0.18
		1860	62.82	55.64	7.71	40.74	22.60	-22.18	2.61	0.13	2.61	0.13	-0.08
1578	3	1841	29.57	21.27	-1.14	16.37	3.76	-9.26	1.89	1.37	1.84	1.41	-0.15
		1842	26.83	17.42	-1.22	12.60	3.61	-8.16	2.21	1.98	2.07	2.11	-0.12
		1861	20.26	14.52	0.69	12.69	2.52	-4.69	1.58	1.12	1.55	1.15	0.13
		1860	25.32	17.98	0.82	15.98	2.83	-5.51	1.99	1.07	1.93	1.12	0.22
1578	4	1841	33.04	27.36	-1.13	16.01	10.22	-13.94	1.86	1.10	1.85	1.11	0.11
		1842	26.98	22.71	-2.48	10.52	9.71	-12.59	0.98	0.81	0.82	0.98	-0.03
		1861	18.83	16.87	1.69	10.65	7.92	-7.47	0.70	-0.40	0.70	-0.40	-0.07
		1860	24.01	21.48	2.89	15.14	9.22	-8.81	0.99	0.10	0.98	0.10	-0.03
1579	1	1842	69.15	42.71	-4.22	35.03	3.46	-17.36	6.45	5.22	5.51	6.15	-0.52
		1843	62.34	34.57	-3.32	27.83	3.42	-14.49	7.25	5.58	5.63	7.20	-0.29
		1862	50.36	30.32	-0.80	28.25	1.28	-7.77	5.24	4.60	4.74	5.10	0.27
		1861	59.53	37.86	-1.38	35.48	0.99	-9.35	5.46	4.08	5.26	4.28	0.49
1579	2	1842	70.73	57.95	-6.16	27.89	23.89	-31.99	3.17	2.80	3.17	2.80	0.01
		1843	57.34	45.90	-9.09	15.32	21.49	-27.32	2.24	1.38	1.39	2.23	-0.10
		1862	34.23	31.85	1.55	15.87	17.54	-15.13	0.56	-1.68	0.55	-1.67	-0.16
		1861	46.96	43.06	4.75	28.41	19.39	-18.62	1.45	-1.16	1.44	-1.15	-0.15
1579	3	1842	26.06	17.27	-1.11	12.52	3.64	-8.05	2.12	1.77	1.87	2.02	-0.15
		1843	22.68	13.86	-1.03	9.46	3.37	-6.80	2.31	1.75	1.77	2.29	-0.09
		1862	17.11	11.31	0.68	9.60	2.39	-3.90	1.51	1.38	1.46	1.44	0.07
		1861	20.88	14.51	0.68	12.67	2.51	-4.69	1.72	1.19	1.68	1.23	0.13
1579	4	1842	27.15	22.44	-2.34	10.41	9.70	-12.38	1.17	1.03	1.17	1.03	4.95e-03
		1843	22.24	17.95	-3.47	5.75	8.73	-10.60	0.82	0.51	0.51	0.82	-0.04
		1862	13.54	12.69	0.45	5.93	7.21	-6.08	0.22	-0.58	0.22	-0.57	-0.06
		1861	18.07	16.82	1.72	10.58	7.97	-7.43	0.55	-0.38	0.55	-0.38	-0.06
1580	1	1843	61.50	34.47	-3.22	27.79	3.46	-14.40	7.18	5.30	5.37	7.11	-0.36
		1844	55.70	27.71	-2.43	21.90	3.38	-11.89	7.64	5.08	5.10	7.62	-0.20
		1863	44.74	24.03	-0.27	22.23	1.53	-6.36	5.69	4.41	4.42	5.67	0.13
		1862	50.98	30.35	-0.82	28.27	1.27	-7.79	5.34	4.68	4.87	5.14	0.30
1580	2	1843	57.08	45.68	-8.94	15.17	21.57	-27.12	2.30	1.71	1.71	2.30	-0.06
		1844	48.89	35.83	-12.21	4.25	19.36	-22.80	1.84	0.44	0.45	1.83	-0.09
		1863	32.09	23.70	-3.17	4.59	15.94	-12.18	-0.62	-2.11	-0.64	-2.10	-0.14
		1862	34.30	31.87	1.50	15.88	17.49	-15.16	0.38	-1.69	0.37	-1.68	-0.16
1580	3	1843	22.54	13.81	-0.98	9.43	3.39	-6.75	2.29	1.69	1.72	2.27	-0.11
		1844	19.80	10.95	-0.93	6.89	3.13	-5.63	2.39	1.53	1.54	2.39	-0.07
		1863	14.41	8.61	0.64	6.98	2.27	-3.21	1.58	1.27	1.28	1.57	0.03
		1862	17.21	11.32	0.67	9.61	2.38	-3.91	1.55	1.39	1.49	1.45	0.08
1580	4	1843	22.13	17.86	-3.40	5.70	8.76	-10.52	0.84	0.63	0.63	0.84	-0.02
		1844	19.06	14.16	-4.63	1.66	7.86	-8.87	0.67	0.16	0.16	0.67	-0.03
		1863	12.61	9.63	-1.34	1.76	6.54	-4.94	-0.22	-0.74	-0.22	-0.73	-0.05
		1862	13.57	12.69	0.43	5.94	7.19	-6.10	0.16	-0.58	0.15	-0.58	-0.06
1581	1	1844	55.45	27.64	-2.39	21.85	3.39	-11.84	7.61	5.00	5.02	7.60	-0.23
		1845	50.82	22.03	-1.75	17.01	3.27	-9.70	7.77	4.62	4.63	7.77	-0.12
		1864	40.44	18.80	0.14	17.26	1.69	-5.14	5.92	4.03	4.03	5.92	0.03
		1863	44.91	24.08	-0.28	22.27	1.52	-6.38	5.69	4.45	4.46	5.68	0.15
1581	2	1844	48.67	35.71	-12.20	4.12	19.39	-22.70	1.86	0.54	0.54	1.86	-0.07
		1845	45.92	28.16	-15.99	-5.36	17.52	-18.88	1.48	-0.48	-0.47	1.48	-0.09
		1864	31.54	18.58	-9.19	-5.19	14.58	-9.75	-1.61	-2.51	-1.64	-2.49	-0.14
		1863	32.01	23.73	-3.17	4.65	15.91	-12.21	-0.67	-2.13	-0.69	-2.11	-0.15
1581	3	1844	19.75	10.91	-0.91	6.86	3.14	-5.61	2.39	1.52	1.52	2.38	-0.07
		1845	17.68	8.54	-0.92	4.73	2.89	-4.64	2.40	1.33	1.33	2.40	-0.04
		1864	12.45	6.39	0.54	4.79	2.14	-2.61	1.62	1.09	1.09	1.62	-2.24e-03



		1863	14.44	8.63	0.64	7.00	2.26	-3.22	1.58	1.28	1.28	1.57	0.03
1581	4	1844	18.97	14.11	-4.63	1.61	7.88	-8.83	0.68	0.20	0.20	0.68	-0.03
		1845	17.82	11.23	-6.02	-1.89	7.11	-7.36	0.54	-0.18	-0.18	0.54	-0.03
		1864	12.24	7.63	-3.53	-1.86	5.96	-3.98	-0.59	-0.88	-0.59	-0.87	-0.05
		1863	12.58	9.64	-1.34	1.78	6.53	-4.95	-0.24	-0.74	-0.24	-0.73	-0.06
1582	1	1845	50.71	21.97	-1.74	16.96	3.27	-9.68	7.76	4.59	4.59	7.75	-0.13
		1846	46.80	17.32	-1.23	12.97	3.12	-7.86	7.67	4.16	4.16	7.67	-0.05
		1865	37.04	14.45	0.46	13.14	1.77	-4.08	5.95	3.62	3.62	5.95	-0.06
		1864	40.49	18.85	0.14	17.30	1.68	-5.15	5.92	4.05	4.05	5.92	0.04
1582	2	1845	45.86	28.09	-16.04	-5.47	17.53	-18.83	1.49	-0.44	-0.44	1.49	-0.08
		1846	47.39	22.62	-20.18	-13.57	16.02	-15.47	1.18	-1.29	-1.29	1.18	-0.09
		1865	32.10	15.55	-15.61	-13.54	13.48	-7.75	-2.44	-2.87	-2.48	-2.82	-0.14
		1864	31.46	18.59	-9.15	-5.13	14.57	-9.77	-1.63	-2.52	-1.65	-2.49	-0.15
1582	3	1845	17.66	8.51	-0.92	4.71	2.89	-4.63	2.40	1.32	1.32	2.40	-0.04
		1846	16.09	6.59	-0.99	2.93	2.66	-3.79	2.35	1.13	1.13	2.35	-0.02
		1865	11.10	4.63	0.34	2.95	2.02	-2.10	1.60	0.90	0.90	1.60	-0.03
		1864	12.46	6.41	0.53	4.80	2.14	-2.62	1.62	1.09	1.09	1.62	-5.73e-04
1582	4	1845	17.80	11.21	-6.04	-1.94	7.11	-7.34	0.54	-0.17	-0.17	0.54	-0.03
		1846	18.19	9.09	-7.53	-4.93	6.49	-6.04	0.43	-0.48	-0.48	0.43	-0.03
		1865	12.30	6.39	-5.85	-4.96	5.49	-3.19	-0.89	-1.02	-0.91	-1.00	-0.05
		1864	12.22	7.64	-3.52	-1.84	5.96	-3.99	-0.59	-0.89	-0.60	-0.88	-0.06
1583	1	1846	46.74	17.27	-1.24	12.92	3.11	-7.85	7.66	4.15	4.15	7.66	-0.06
		1847	43.24	13.41	-0.84	9.60	2.97	-6.31	7.40	3.70	3.70	7.40	-4.65e-03
		1866	34.16	10.83	0.70	9.71	1.82	-3.17	5.81	3.20	3.21	5.81	-0.12
		1865	37.06	14.49	0.46	13.18	1.77	-4.08	5.95	3.63	3.63	5.95	-0.05
1583	2	1846	47.43	22.58	-20.25	-13.67	16.00	-15.44	1.18	-1.28	-1.28	1.18	-0.09
		1847	51.29	18.81	-24.40	-20.45	14.86	-12.46	0.92	-1.99	-1.98	0.92	-0.10
		1866	38.93	13.74	-21.60	-20.52	12.65	-6.11	-3.01	-3.29	-3.19	-3.10	-0.14
		1865	32.04	15.56	-15.57	-13.49	13.49	-7.76	-2.43	-2.88	-2.49	-2.83	-0.15
1583	3	1846	16.08	6.57	-1.00	2.91	2.66	-3.78	2.35	1.13	1.13	2.35	-0.02
		1847	14.88	5.05	-1.14	1.43	2.48	-3.05	2.25	0.94	0.94	2.25	-9.91e-03
		1866	10.22	3.34	-1.70e-03	1.42	1.92	-1.65	1.54	0.72	0.72	1.54	-0.05
		1865	11.10	4.65	0.34	2.96	2.02	-2.10	1.60	0.90	0.90	1.60	-0.03
1583	4	1846	18.20	9.07	-7.56	-4.97	6.48	-6.03	0.43	-0.48	-0.48	0.43	-0.04
		1847	19.46	7.58	-9.05	-7.47	6.00	-4.87	0.33	-0.74	-0.74	0.33	-0.04
		1866	14.73	5.61	-8.02	-7.54	5.13	-2.52	-1.08	-1.20	-1.17	-1.10	-0.05
		1865	12.28	6.39	-5.84	-4.94	5.49	-3.19	-0.88	-1.03	-0.91	-1.00	-0.05
1584	1	1847	43.20	13.37	-0.86	9.56	2.96	-6.30	7.40	3.70	3.70	7.40	-7.18e-03
		1848	39.94	10.20	-0.54	6.81	2.85	-4.99	7.00	3.25	3.25	7.00	0.03
		1867	31.58	7.83	0.91	6.87	1.87	-2.39	5.55	2.79	2.80	5.54	-0.17
		1866	34.16	10.86	0.71	9.75	1.82	-3.17	5.81	3.20	3.21	5.81	-0.12
1584	2	1847	51.36	18.79	-24.48	-20.54	14.84	-12.45	0.93	-1.98	-1.98	0.92	-0.10
		1848	55.90	16.31	-28.28	-26.03	14.06	-9.75	0.72	-2.55	-2.55	0.71	-0.10
		1867	46.32	12.67	-26.73	-26.16	12.10	-4.72	-3.29	-3.80	-3.77	-3.33	-0.13
		1866	38.94	13.75	-21.56	-20.47	12.66	-6.11	-3.00	-3.30	-3.19	-3.11	-0.14
1584	3	1847	14.87	5.04	-1.15	1.41	2.47	-3.05	2.25	0.94	0.94	2.25	-0.01
		1848	13.95	3.91	-1.37	0.19	2.34	-2.41	2.12	0.77	0.77	2.12	-7.06e-04
		1867	9.69	2.53	-0.52	0.16	1.85	-1.27	1.45	0.56	0.56	1.44	-0.06
		1866	10.22	3.35	4.79e-03	1.43	1.92	-1.65	1.54	0.72	0.72	1.54	-0.05
1584	4	1847	19.49	7.57	-9.08	-7.50	6.00	-4.87	0.33	-0.74	-0.74	0.33	-0.04
		1848	21.05	6.57	-10.44	-9.54	5.66	-3.82	0.26	-0.95	-0.95	0.25	-0.04
		1867	17.38	5.14	-9.89	-9.63	4.88	-1.96	-1.17	-1.40	-1.38	-1.19	-0.05
		1866	14.73	5.62	-8.01	-7.52	5.13	-2.53	-1.07	-1.20	-1.17	-1.10	-0.05
1585	1	1848	39.91	10.17	-0.56	6.76	2.84	-4.99	7.00	3.25	3.25	7.00	0.03
		1849	36.82	7.60	-0.31	4.49	2.80	-3.87	6.52	2.82	2.83	6.52	0.05
		1868	29.16	5.38	1.08	4.52	1.95	-1.73	5.19	2.40	2.41	5.18	-0.21
		1867	31.57	7.85	0.91	6.90	1.87	-2.40	5.55	2.79	2.80	5.54	-0.17
1585	2	1848	55.97	16.29	-28.34	-26.10	14.05	-9.75	0.72	-2.55	-2.55	0.72	-0.11
		1849	60.18	14.78	-31.51	-30.34	13.61	-7.26	0.56	-2.98	-2.98	0.56	-0.11
		1868	52.27	12.10	-30.79	-30.50	11.81	-3.53	-3.48	-4.23	-4.20	-3.50	-0.13
		1867	46.31	12.68	-26.70	-26.12	12.10	-4.73	-3.29	-3.81	-3.77	-3.33	-0.14
1585	3	1848	13.95	3.90	-1.38	0.18	2.34	-2.41	2.12	0.77	0.77	2.12	-1.36e-03
		1849	13.23	3.13	-1.67	-0.81	2.27	-1.84	1.96	0.61	0.61	1.96	5.22e-03
		1868	9.37	2.12	-1.15	-0.86	1.83	-0.93	1.33	0.41	0.41	1.32	-0.07
		1867	9.68	2.53	-0.51	0.17	1.85	-1.27	1.45	0.56	0.56	1.44	-0.06
1585	4	1848	21.07	6.56	-10.47	-9.56	5.66	-3.82	0.26	-0.95	-0.95	0.25	-0.04
		1849	22.55	5.95	-11.60	-11.13	5.47	-2.84	0.20	-1.11	-1.11	0.20	-0.04
		1868	19.53	4.88	-11.37	-11.23	4.75	-1.46	-1.24	-1.56	-1.55	-1.25	-0.05
		1867	17.38	5.15	-9.87	-9.61	4.89	-1.96	-1.17	-1.40	-1.39	-1.19	-0.05
1586	1	1849	36.80	7.58	-0.34	4.45	2.79	-3.87	6.52	2.82	2.82	6.52	0.05
		1850	33.85	5.60	-0.18	2.59	2.83	-2.89	5.98	2.42	2.42	5.98	0.07
		1869	26.86	3.51	1.16	2.60	2.08	-1.15	4.77	2.02	2.04	4.75	-0.24
		1868	29.16	5.41	1.09	4.54	1.95	-1.73	5.19	2.40	2.41	5.18	-0.21
1586	2	1849	60.23	14.77	-31.56	-30.39	13.60	-7.27	0.56	-2.98	-2.98	0.56	-0.12
		1850	63.57	14.01	-33.92	-33.41	13.51	-4.90	0.46	-3.29	-3.28	0.46	-0.12
		1869	56.57	11.91	-33.69	-33.56	11.78	-2.43	-3.60	-4.52	-4.51	-3.62	-0.13
		1868	52.26	12.11	-30.76	-30.47	11.81	-3.53	-3.47	-4.23	-4.20	-3.50	-0.14



1586	3	1849	13.23	3.12	-1.68	-0.83	2.26	-1.84	1.96	0.61	0.61	1.96	4.66e-03
		1850	12.66	2.67	-2.01	-1.60	2.26	-1.32	1.79	0.47	0.47	1.79	8.63e-03
		1869	9.17	1.96	-1.76	-1.66	1.85	-0.62	1.19	0.27	0.28	1.19	-0.08
		1868	9.36	2.12	-1.14	-0.85	1.83	-0.93	1.33	0.41	0.41	1.32	-0.07
1586	4	1849	22.57	5.94	-11.62	-11.15	5.47	-2.85	0.20	-1.11	-1.11	0.20	-0.05
		1850	23.76	5.63	-12.47	-12.27	5.42	-1.92	0.16	-1.23	-1.22	0.16	-0.05
		1869	21.11	4.78	-12.43	-12.37	4.73	-1.00	-1.29	-1.67	-1.66	-1.29	-0.05
		1868	19.53	4.88	-11.36	-11.22	4.75	-1.46	-1.24	-1.56	-1.55	-1.25	-0.05
1587	1	1850	33.84	5.58	-0.21	2.56	2.82	-2.89	5.98	2.42	2.42	5.98	0.07
		1851	31.03	4.23	-0.23	1.05	2.95	-2.02	5.40	2.04	2.04	5.40	0.08
		1870	24.64	2.54	0.78	1.05	2.27	-0.63	4.30	1.67	1.69	4.28	-0.26
		1869	26.85	3.53	1.17	2.62	2.08	-1.15	4.77	2.02	2.04	4.75	-0.24
1587	2	1850	63.61	14.01	-33.95	-33.44	13.50	-4.91	0.46	-3.29	-3.28	0.46	-0.13
		1851	65.80	13.86	-35.39	-35.25	13.73	-2.58	0.41	-3.45	-3.45	0.40	-0.13
		1870	59.16	12.03	-35.41	-35.38	11.99	-1.35	-3.66	-4.69	-4.67	-3.67	-0.13
		1869	56.57	11.91	-33.68	-33.55	11.78	-2.43	-3.59	-4.53	-4.51	-3.62	-0.14
1587	3	1850	12.66	2.66	-2.02	-1.61	2.25	-1.32	1.79	0.46	0.47	1.79	8.12e-03
		1851	12.17	2.47	-2.35	-2.20	2.32	-0.84	1.62	0.34	0.34	1.62	0.01
		1870	9.01	1.96	-2.28	-2.25	1.93	-0.33	1.05	0.15	0.16	1.04	-0.09
		1869	9.16	1.96	-1.76	-1.65	1.85	-0.62	1.19	0.27	0.28	1.19	-0.08
1587	4	1850	23.77	5.62	-12.49	-12.28	5.42	-1.92	0.16	-1.23	-1.22	0.16	-0.05
		1851	24.57	5.56	-13.01	-12.95	5.51	-1.00	0.14	-1.29	-1.29	0.14	-0.05
		1870	22.06	4.83	-13.06	-13.05	4.81	-0.54	-1.31	-1.73	-1.72	-1.31	-0.05
		1869	21.10	4.79	-12.42	-12.37	4.73	-1.00	-1.28	-1.67	-1.66	-1.29	-0.05
1588	1	1851	31.02	4.22	-0.25	1.03	2.94	-2.02	5.40	2.04	2.04	5.40	0.08
		1852	28.37	3.57	-0.56	-0.16	3.17	-1.22	4.80	1.68	1.69	4.80	0.08
		1871	22.49	2.56	-0.16	-0.15	2.55	-0.16	3.80	1.34	1.37	3.77	-0.28
		1870	24.63	2.55	0.80	1.07	2.28	-0.63	4.30	1.67	1.69	4.27	-0.26
1588	2	1851	65.82	13.86	-35.40	-35.27	13.72	-2.59	0.41	-3.46	-3.45	0.40	-0.14
		1852	66.75	14.26	-35.89	-35.89	14.26	-0.22	0.41	-3.49	-3.49	0.40	-0.14
		1871	60.00	12.44	-35.95	-35.95	12.44	-0.23	-3.65	-4.72	-4.71	-3.67	-0.12
		1870	59.16	12.04	-35.41	-35.37	12.00	-1.36	-3.65	-4.69	-4.67	-3.67	-0.13
1588	3	1851	12.17	2.46	-2.35	-2.20	2.31	-0.84	1.62	0.34	0.34	1.62	9.71e-03
		1852	11.75	2.47	-2.63	-2.61	2.45	-0.37	1.44	0.23	0.23	1.44	0.01
		1871	8.84	2.07	-2.65	-2.65	2.07	-0.05	0.90	0.05	0.07	0.89	-0.10
		1870	9.01	1.96	-2.27	-2.25	1.93	-0.33	1.05	0.15	0.16	1.04	-0.09
1588	4	1851	24.58	5.56	-13.01	-12.96	5.51	-1.00	0.14	-1.29	-1.29	0.14	-0.05
		1852	24.93	5.73	-13.19	-13.19	5.73	-0.07	0.14	-1.30	-1.30	0.14	-0.05
		1871	22.38	5.00	-13.26	-13.26	5.00	-0.07	-1.31	-1.74	-1.74	-1.31	-0.05
		1870	22.06	4.83	-13.06	-13.04	4.81	-0.55	-1.31	-1.73	-1.72	-1.31	-0.05
1589	1	1852	28.36	3.56	-0.58	-0.18	3.16	-1.23	4.80	1.68	1.69	4.80	0.08
		1853	25.87	3.56	-1.13	-1.08	3.50	-0.49	4.20	1.36	1.36	4.20	0.08
		1872	20.43	2.93	-1.08	-1.05	2.91	0.29	3.29	1.04	1.07	3.25	-0.29
		1871	22.49	2.56	-0.15	-0.14	2.55	-0.16	3.80	1.34	1.37	3.77	-0.28
1589	2	1852	66.76	14.26	-35.89	-35.89	14.26	-0.22	0.41	-3.49	-3.49	0.40	-0.14
		1853	66.41	15.18	-35.42	-35.32	15.08	2.27	0.46	-3.39	-3.39	0.45	-0.14
		1872	59.11	13.12	-35.30	-35.28	13.09	1.02	-3.59	-4.62	-4.61	-3.61	-0.11
		1871	60.00	12.44	-35.95	-35.95	12.44	-0.23	-3.65	-4.72	-4.71	-3.67	-0.13
1589	3	1852	11.75	2.47	-2.64	-2.61	2.44	-0.37	1.44	0.23	0.23	1.44	9.99e-03
		1853	11.35	2.65	-2.84	-2.84	2.65	0.10	1.26	0.14	0.14	1.26	9.85e-03
		1872	8.61	2.27	-2.89	-2.88	2.26	0.24	0.75	-0.03	-0.02	0.74	-0.10
		1871	8.84	2.07	-2.65	-2.65	2.07	-0.05	0.90	0.05	0.07	0.89	-0.10
1589	4	1852	24.94	5.73	-13.19	-13.19	5.73	-0.07	0.14	-1.30	-1.30	0.14	-0.06
		1853	24.85	6.12	-13.03	-12.99	6.08	0.91	0.16	-1.27	-1.26	0.16	-0.06
		1872	22.08	5.29	-13.03	-13.01	5.28	0.46	-1.29	-1.70	-1.70	-1.29	-0.05
		1871	22.38	5.00	-13.26	-13.26	5.00	-0.07	-1.31	-1.74	-1.74	-1.31	-0.05
1590	1	1853	25.86	3.55	-1.14	-1.09	3.50	-0.49	4.20	1.36	1.36	4.19	0.08
		1854	23.54	3.96	-1.74	-1.73	3.95	0.22	3.59	1.07	1.07	3.59	0.08
		1873	18.45	3.47	-1.78	-1.68	3.37	0.74	2.77	0.76	0.81	2.73	-0.30
		1872	20.43	2.93	-1.06	-1.04	2.91	0.29	3.29	1.04	1.07	3.25	-0.29
1590	2	1853	66.42	15.19	-35.40	-35.30	15.08	2.27	0.46	-3.40	-3.39	0.45	-0.15
		1854	64.86	16.65	-34.03	-33.54	16.16	4.98	0.56	-3.16	-3.15	0.56	-0.14
		1873	56.49	14.05	-33.48	-33.35	13.92	2.48	-3.48	-4.38	-4.37	-3.49	-0.10
		1872	59.10	13.12	-35.31	-35.29	13.10	1.02	-3.59	-4.62	-4.60	-3.61	-0.12
1590	3	1853	11.35	2.65	-2.85	-2.85	2.64	0.10	1.26	0.14	0.14	1.26	9.44e-03
		1854	10.97	2.97	-2.97	-2.91	2.92	0.57	1.09	0.07	0.07	1.09	8.77e-03
		1873	8.31	2.56	-2.98	-2.92	2.51	0.55	0.61	-0.09	-0.08	0.59	-0.10
		1872	8.61	2.27	-2.88	-2.87	2.26	0.24	0.75	-0.03	-0.02	0.74	-0.10
1590	4	1853	24.86	6.12	-13.03	-12.98	6.08	0.91	0.16	-1.27	-1.27	0.15	-0.06
		1854	24.35	6.74	-12.54	-12.34	6.53	1.98	0.20	-1.18	-1.18	0.19	-0.06
		1873	21.16	5.70	-12.37	-12.31	5.63	1.06	-1.24	-1.62	-1.61	-1.25	-0.04
		1872	22.08	5.29	-13.03	-13.02	5.28	0.45	-1.28	-1.70	-1.70	-1.29	-0.05
1591	1	1854	23.53	3.95	-1.75	-1.74	3.95	0.22	3.59	1.07	1.07	3.59	0.08
		1855	21.41	4.64	-2.26	-2.13	4.52	0.91	3.00	0.80	0.80	2.99	0.08
		1874	16.56	4.16	-2.28	-2.05	3.94	1.19	2.26	0.51	0.56	2.20	-0.30
		1873	18.45	3.48	-1.77	-1.67	3.37	0.74	2.77	0.76	0.80	2.73	-0.30
1591	2	1854	64.91	16.66	-34.00	-33.50	16.16	4.98	0.56	-3.18	-3.17	0.55	-0.15



		1855	62.28	18.73	-31.82	-30.53	17.43	7.98	0.72	-2.79	-2.78	0.72	-0.15
		1874	52.25	15.26	-30.55	-30.16	14.87	4.20	-3.30	-4.01	-4.00	-3.31	-0.09
		1873	56.46	14.05	-33.50	-33.37	13.92	2.47	-3.47	-4.38	-4.36	-3.48	-0.12
1591	3	1854	10.97	2.97	-2.97	-2.91	2.91	0.57	1.09	0.07	0.07	1.09	8.42e-03
		1855	10.59	3.43	-3.00	-2.82	3.25	1.07	0.93	0.02	0.02	0.93	7.46e-03
		1874	7.92	2.95	-2.94	-2.80	2.81	0.88	0.47	-0.14	-0.12	0.45	-0.10
		1873	8.31	2.56	-2.97	-2.92	2.51	0.55	0.61	-0.09	-0.08	0.59	-0.10
1591	4	1854	24.37	6.74	-12.53	-12.32	6.53	1.98	0.19	-1.19	-1.19	0.19	-0.06
		1855	23.51	7.61	-11.76	-11.23	7.08	3.16	0.25	-1.04	-1.04	0.25	-0.06
		1874	19.67	6.23	-11.31	-11.13	6.05	1.77	-1.18	-1.48	-1.48	-1.18	-0.04
		1873	21.15	5.70	-12.38	-12.32	5.64	1.06	-1.24	-1.61	-1.61	-1.25	-0.05
1592	1	1855	21.39	4.64	-2.27	-2.15	4.51	0.92	3.00	0.81	0.81	3.00	0.07
		1856	19.50	5.54	-2.64	-2.32	5.21	1.60	2.41	0.56	0.56	2.41	0.07
		1875	14.77	5.00	-2.58	-2.19	4.62	1.66	1.75	0.29	0.35	1.69	-0.30
		1874	16.56	4.17	-2.27	-2.04	3.94	1.19	2.26	0.51	0.56	2.20	-0.30
1592	2	1855	62.47	18.74	-31.77	-30.47	17.44	8.00	0.71	-2.84	-2.83	0.70	-0.14
		1856	58.98	21.54	-28.95	-26.25	18.83	11.37	0.94	-2.26	-2.26	0.93	-0.15
		1875	46.58	16.79	-26.58	-25.65	15.86	6.26	-3.07	-3.52	-3.51	-3.08	-0.07
		1874	52.12	15.26	-30.58	-30.19	14.88	4.19	-3.29	-3.99	-3.98	-3.30	-0.11
1592	3	1855	10.59	3.43	-3.00	-2.82	3.25	1.07	0.93	0.02	0.02	0.93	7.28e-03
		1856	10.24	4.03	-2.96	-2.57	3.64	1.59	0.77	-0.01	-0.01	0.77	6.12e-03
		1875	7.46	3.43	-2.78	-2.52	3.17	1.25	0.33	-0.17	-0.15	0.31	-0.10
		1874	7.92	2.95	-2.93	-2.80	2.81	0.88	0.47	-0.14	-0.12	0.45	-0.10
1592	4	1855	23.58	7.61	-11.75	-11.21	7.08	3.17	0.25	-1.06	-1.06	0.25	-0.06
		1856	22.45	8.77	-10.75	-9.66	7.68	4.49	0.33	-0.85	-0.85	0.33	-0.06
		1875	17.69	6.92	-9.88	-9.47	6.50	2.61	-1.09	-1.30	-1.29	-1.10	-0.03
		1874	19.62	6.24	-11.32	-11.14	6.06	1.77	-1.17	-1.47	-1.47	-1.18	-0.04
1593	1	1856	19.44	5.53	-2.66	-2.33	5.20	1.60	2.42	0.58	0.59	2.42	0.07
		1857	17.87	6.61	-2.88	-2.30	6.03	2.27	1.85	0.34	0.34	1.85	0.07
		1876	13.09	5.99	-2.69	-2.13	5.43	2.14	1.26	0.09	0.18	1.18	-0.30
		1875	14.80	5.01	-2.56	-2.18	4.63	1.66	1.75	0.27	0.34	1.68	-0.30
1593	2	1856	59.64	21.56	-28.89	-26.17	18.84	11.41	0.90	-2.41	-2.40	0.89	-0.12
		1857	55.37	25.25	-25.64	-20.61	20.22	15.19	1.23	-1.53	-1.52	1.22	-0.16
		1876	40.10	18.77	-21.76	-19.80	16.81	8.69	-2.78	-2.94	-2.93	-2.80	-0.05
		1875	46.15	16.80	-26.61	-25.69	15.88	6.25	-3.04	-3.45	-3.43	-3.06	-0.09
1593	3	1856	10.25	4.03	-2.96	-2.57	3.64	1.60	0.77	-0.01	-0.01	0.77	6.36e-03
		1857	9.93	4.76	-2.83	-2.16	4.08	2.16	0.62	-0.02	-0.02	0.62	4.63e-03
		1876	6.95	4.01	-2.51	-2.07	3.57	1.65	0.21	-0.18	-0.16	0.18	-0.10
		1875	7.45	3.43	-2.78	-2.52	3.17	1.24	0.34	-0.17	-0.15	0.31	-0.10
1593	4	1856	22.69	8.78	-10.73	-9.63	7.68	4.51	0.32	-0.90	-0.90	0.32	-0.05
		1857	21.32	10.29	-9.59	-7.58	8.28	5.99	0.44	-0.58	-0.57	0.44	-0.07
		1876	15.48	7.79	-8.16	-7.30	6.94	3.59	-0.99	-1.08	-1.08	-0.99	-0.02
		1875	17.53	6.92	-9.89	-9.48	6.51	2.60	-1.08	-1.27	-1.26	-1.09	-0.04
1594	1	1857	17.71	6.60	-2.90	-2.31	6.01	2.29	1.87	0.42	0.42	1.87	0.06
		1858	16.64	7.87	-2.99	-2.11	7.00	2.95	1.30	0.10	0.11	1.30	0.07
		1877	11.52	7.14	-2.62	-1.84	6.36	2.65	0.80	-0.08	0.03	0.69	-0.29
		1876	13.16	6.00	-2.68	-2.12	5.44	2.13	1.25	0.05	0.13	1.17	-0.30
1594	2	1857	57.58	25.31	-25.62	-20.51	20.21	15.30	1.11	-2.01	-2.01	1.11	-0.08
		1858	51.61	29.97	-22.02	-13.36	21.31	19.38	1.61	-0.43	-0.40	1.59	-0.22
		1877	37.56	21.50	-16.55	-12.71	17.66	11.46	-2.34	-2.46	-2.37	-2.43	-0.05
		1876	38.78	18.79	-21.76	-19.81	16.84	8.69	-2.63	-2.79	-2.66	-2.76	-0.06
1594	3	1857	9.97	4.76	-2.84	-2.16	4.07	2.17	0.62	-0.04	-0.03	0.62	6.27e-03
		1858	9.67	5.60	-2.63	-1.58	4.55	2.75	0.49	-9.58e-03	-9.58e-03	0.49	-6.12e-05
		1877	6.52	4.70	-2.17	-1.46	4.00	2.08	0.10	-0.19	-0.16	0.07	-0.10
		1876	6.92	4.02	-2.51	-2.06	3.57	1.65	0.21	-0.18	-0.15	0.18	-0.10
1594	4	1857	22.13	10.31	-9.59	-7.55	8.28	6.03	0.40	-0.75	-0.75	0.40	-0.03
		1858	20.17	12.18	-8.31	-4.91	8.79	7.62	0.58	-0.17	-0.16	0.57	-0.09
		1877	14.85	8.97	-6.30	-4.68	7.35	4.70	-0.84	-0.89	-0.87	-0.86	-0.02
		1876	15.08	7.80	-8.16	-7.31	6.95	3.59	-0.95	-1.01	-0.98	-0.98	-0.03
1595	1	1858	16.29	7.81	-3.03	-2.12	6.90	3.01	1.40	0.36	0.36	1.40	0.05
		1859	15.56	9.46	-2.98	-1.79	8.27	3.66	0.67	-0.21	-0.21	0.67	0.03
		1878	10.58	8.39	-2.37	-1.27	7.29	3.26	0.47	-0.25	-0.10	0.32	-0.30
		1877	11.66	7.17	-2.59	-1.85	6.43	2.58	0.73	-0.20	-0.10	0.62	-0.29
1595	2	1858	57.69	30.40	-22.11	-13.27	21.57	19.64	1.25	-1.98	-1.98	1.25	-0.05
		1859	47.87	34.39	-17.51	-3.77	20.65	22.90	2.09	1.18	1.43	1.84	-0.41
		1878	36.90	25.56	-11.95	-5.69	19.30	13.99	-1.51	-1.87	-1.81	-1.58	-0.14
		1877	38.76	21.45	-16.49	-12.48	17.44	11.67	-1.64	-2.36	-1.64	-2.36	-0.01
1595	3	1858	9.87	5.62	-2.66	-1.58	4.53	2.79	0.49	-0.05	-0.05	0.49	5.50e-03
		1859	9.08	6.47	-2.28	-0.78	4.97	3.30	0.33	0.03	0.03	0.33	-0.02
		1878	6.95	5.52	-1.80	-0.78	4.50	2.53	0.06	-0.20	-0.15	0.01	-0.10
		1877	6.39	4.71	-2.15	-1.45	4.01	2.08	0.09	-0.18	-0.14	0.05	-0.09
1595	4	1858	22.38	12.34	-8.34	-4.88	8.88	7.72	0.45	-0.74	-0.74	0.45	-0.02
		1859	18.90	13.93	-6.66	-1.37	8.63	9.00	0.77	0.42	0.52	0.68	-0.15
		1878	14.82	10.62	-4.66	-2.09	8.06	5.71	-0.53	-0.68	-0.66	-0.55	-0.05
		1877	15.28	8.95	-6.28	-4.59	7.27	4.77	-0.60	-0.83	-0.60	-0.83	-9.00e-03
1596	1	1859	15.35	9.31	-4.53	-3.11	7.88	4.20	0.80	0.26	0.26	0.80	-3.52e-03
		173	12.77	11.19	-0.46	1.52	9.21	4.38	0.01	-0.42	-0.41	2.83e-03	0.06



		187	13.79	10.01	-2.57	-1.72	9.16	3.16	0.54	-0.14	0.27	0.12	-0.33
		1878	10.91	8.46	-1.50	-0.52	7.48	2.97	0.38	-0.56	-0.42	0.24	-0.33
1596	2	1859	49.36	37.55	-12.58	2.52	22.45	23.00	0.58	-2.63	-2.58	0.53	-0.39
		173	46.86	29.22	-12.96	-0.72	16.98	19.14	4.56	1.72	4.55	1.73	-0.12
		187	42.66	32.17	-11.88	1.09	19.20	20.07	2.02	0.78	2.00	0.80	-0.17
		1878	37.98	24.63	-14.47	-8.28	18.44	14.28	-0.57	-1.10	-0.67	-1.00	-0.21
1596	3	1859	9.42	6.64	-2.35	-0.69	4.98	3.49	0.29	-0.11	-0.10	0.29	-0.03
		173	7.87	6.73	-1.28	0.42	5.03	3.27	0.21	0.16	0.21	0.16	9.53e-03
		187	8.61	6.47	-1.76	-0.43	5.14	3.03	0.26	-4.71e-03	0.18	0.07	-0.12
		1878	6.89	5.46	-1.73	-0.75	4.49	2.46	0.08	-0.21	-0.15	0.03	-0.11
1596	4	1859	19.60	15.11	-4.83	0.98	9.30	9.06	0.23	-0.96	-0.95	0.21	-0.15
		173	18.43	12.08	-4.99	-0.24	7.33	7.65	1.69	0.67	1.68	0.67	-0.04
		187	17.23	13.18	-4.66	0.40	8.12	8.05	0.71	0.26	0.70	0.28	-0.07
		1878	15.25	10.27	-5.59	-3.05	7.74	5.81	-0.19	-0.38	-0.23	-0.34	-0.07
1597	1	234	89.61	46.38	-1.49	40.13	4.75	-16.12	10.53	4.17	10.08	4.62	1.63
		1860	63.04	48.78	-0.86	45.65	2.27	-12.07	3.84	3.27	3.76	3.36	0.21
		1879	70.72	39.28	-1.64	39.24	-1.61	-1.23	6.19	1.05	5.61	1.64	1.63
		196	90.08	67.00	-4.35	65.90	-3.25	-8.80	4.05	-2.04	3.09	-1.09	2.21
1597	2	234	97.01	63.92	6.81	42.88	27.84	-27.55	8.92	5.18	8.91	5.19	-0.05
		1860	67.22	57.08	5.86	40.26	22.69	-24.05	2.62	-6.30e-03	2.52	0.09	-0.50
		1879	52.89	48.06	14.81	45.84	17.03	-8.30	2.00	0.60	1.69	0.92	-0.58
		196	116.21	73.52	2.63	63.61	12.53	-24.58	8.09	0.17	8.05	0.20	-0.55
1597	3	234	33.20	18.93	0.56	15.11	4.39	-7.46	3.77	1.69	3.66	1.80	0.48
		1860	23.63	18.83	0.94	16.57	3.21	-5.95	1.32	1.04	1.32	1.04	0.03
		1879	23.77	15.25	1.41	15.07	1.59	-1.58	1.92	0.39	1.78	0.54	0.44
		196	34.10	25.36	-0.21	24.32	0.83	-5.06	1.71	-0.51	1.52	-0.33	0.61
1597	4	234	36.69	24.67	2.48	15.92	11.23	-10.85	3.31	1.97	3.31	1.97	-0.01
		1860	25.67	22.04	2.19	14.97	9.26	-9.50	0.99	0.04	0.96	0.07	-0.18
		1879	19.93	18.24	5.90	17.03	7.11	-3.67	0.73	0.21	0.62	0.32	-0.21
		196	43.37	27.88	1.27	23.64	5.51	-9.74	3.00	0.04	2.99	0.06	-0.21
1598	1	1860	71.25	46.47	-1.66	43.60	1.22	-11.41	5.85	3.31	5.74	3.42	0.52
		1861	56.91	37.75	-1.44	35.41	0.89	-9.28	5.00	3.89	4.76	4.13	0.46
		1880	57.01	33.19	0.04	33.11	0.13	-1.72	6.05	3.34	5.20	4.20	1.26
		1879	61.96	41.48	-1.06	41.37	-0.95	-2.17	5.06	0.79	3.86	1.99	1.92
1598	2	1860	68.38	57.39	6.38	40.99	22.79	-23.83	2.77	-0.23	2.67	-0.13	-0.54
		1861	48.50	42.78	4.71	28.46	19.03	-18.44	1.86	-1.12	1.86	-1.11	-0.15
		1880	37.29	28.84	14.47	26.61	16.70	-5.21	2.42	1.92	2.07	2.27	-0.23
		1879	65.07	44.31	13.04	41.83	15.53	-8.45	5.02	2.24	4.98	2.29	-0.36
1598	3	1860	25.83	18.18	0.74	16.02	2.91	-5.74	1.93	1.03	1.92	1.04	0.11
		1861	20.30	14.46	0.65	12.65	2.46	-4.65	1.60	1.15	1.57	1.19	0.13
		1880	19.06	12.02	1.81	11.81	2.01	-1.43	1.93	1.16	1.69	1.40	0.36
		1879	22.20	15.64	1.42	15.40	1.66	-1.84	1.80	0.46	1.51	0.75	0.55
1598	4	1860	26.10	22.15	2.39	15.24	9.30	-9.42	1.05	-0.05	1.01	-6.07e-03	-0.20
		1861	18.59	16.71	1.72	10.59	7.83	-7.37	0.71	-0.36	0.70	-0.36	-0.06
		1880	14.34	11.28	5.53	9.89	6.92	-2.47	0.89	0.71	0.76	0.83	-0.09
		1879	24.37	16.86	5.21	15.53	6.54	-3.70	1.86	0.82	1.85	0.84	-0.13
1599	1	1861	59.52	37.90	-1.33	35.49	1.08	-9.41	5.40	4.08	5.24	4.25	0.44
		1862	50.28	30.25	-0.82	28.20	1.23	-7.70	5.31	4.57	4.76	5.12	0.32
		1881	46.74	26.33	0.39	26.26	0.46	-1.37	5.56	3.83	4.52	4.87	0.84
		1880	53.06	32.98	-0.24	32.92	-0.17	-1.52	5.59	2.76	4.40	3.96	1.40
1599	2	1861	47.98	43.42	4.63	28.51	19.54	-18.87	1.45	-1.23	1.44	-1.21	-0.23
		1862	34.19	31.70	1.51	15.80	17.41	-15.08	0.57	-1.67	0.56	-1.66	-0.14
		1881	25.89	17.41	11.07	13.31	15.17	-3.03	2.07	1.27	1.34	2.01	-0.21
		1880	41.46	28.09	13.97	26.20	15.86	-4.81	3.25	2.42	3.14	2.53	-0.28
1599	3	1861	20.95	14.55	0.69	12.68	2.55	-4.73	1.70	1.19	1.67	1.22	0.11
		1862	17.05	11.27	0.67	9.58	2.36	-3.88	1.54	1.37	1.46	1.44	0.08
		1881	15.32	8.97	1.74	8.79	1.92	-1.11	1.76	1.26	1.43	1.58	0.23
		1880	18.22	11.90	1.67	11.73	1.85	-1.34	1.85	1.04	1.53	1.35	0.39
1599	4	1861	18.46	16.96	1.68	10.61	8.02	-7.53	0.55	-0.41	0.55	-0.40	-0.09
		1862	13.53	12.63	0.43	5.91	7.16	-6.06	0.22	-0.57	0.22	-0.57	-0.05
		1881	10.25	7.35	3.88	4.96	6.28	-1.61	0.76	0.47	0.49	0.73	-0.08
		1880	15.79	10.96	5.38	9.74	6.60	-2.31	1.20	0.89	1.16	0.93	-0.10
1600	1	1862	50.95	30.34	-0.76	28.26	1.31	-7.76	5.32	4.68	4.86	5.14	0.29
		1863	44.67	23.99	-0.27	22.21	1.51	-6.33	5.70	4.41	4.43	5.68	0.17
		1882	40.44	20.71	0.69	20.66	0.74	-1.02	5.46	3.89	4.07	5.28	0.50
		1881	45.65	26.27	0.28	26.21	0.34	-1.27	5.48	3.60	4.29	4.79	0.91
1600	2	1862	34.45	31.95	1.53	15.92	17.56	-15.19	0.38	-1.70	0.37	-1.69	-0.15
		1863	31.98	23.63	-3.19	4.56	15.88	-12.16	-0.62	-2.11	-0.63	-2.10	-0.15
		1882	22.31	14.24	1.68	1.87	14.04	-1.55	1.62	0.34	0.38	1.58	-0.22
		1881	26.58	16.98	11.03	13.10	14.91	-2.83	2.19	1.55	1.67	2.07	-0.25
1600	3	1862	17.21	11.32	0.69	9.61	2.40	-3.91	1.54	1.39	1.48	1.45	0.07
		1863	14.37	8.59	0.64	6.97	2.26	-3.20	1.58	1.27	1.28	1.57	0.04
		1882	12.87	6.44	1.68	6.28	1.84	-0.84	1.71	1.20	1.23	1.68	0.13
		1881	15.08	8.92	1.70	8.76	1.86	-1.06	1.74	1.21	1.39	1.57	0.25
1600	4	1862	13.62	12.72	0.44	5.95	7.22	-6.11	0.16	-0.58	0.15	-0.58	-0.06
		1863	12.57	9.61	-1.35	1.74	6.51	-4.93	-0.22	-0.74	-0.22	-0.73	-0.06
		1882	8.97	5.97	0.53	0.72	5.78	-1.00	0.59	0.12	0.14	0.58	-0.08



		1881	10.47	7.18	3.87	4.88	6.18	-1.53	0.81	0.57	0.61	0.76	-0.09
1601	1	1863	44.89	24.06	-0.25	22.26	1.54	-6.35	5.70	4.44	4.46	5.68	0.15
		1864	40.40	18.78	0.15	17.25	1.68	-5.12	5.93	4.03	4.03	5.93	0.05
		1883	36.26	16.00	0.93	15.97	0.96	-0.67	5.53	3.67	3.70	5.50	0.22
		1882	40.08	20.66	0.63	20.61	0.68	-0.97	5.45	3.81	4.00	5.26	0.53
1601	2	1863	32.12	23.75	-3.15	4.67	15.94	-12.21	-0.68	-2.12	-0.69	-2.11	-0.14
		1864	31.45	18.54	-9.20	-5.20	14.55	-9.74	-1.61	-2.51	-1.64	-2.49	-0.15
		1883	27.86	13.14	-8.03	-8.02	13.12	-0.57	1.20	-0.59	-0.56	1.18	-0.22
		1882	22.16	14.08	1.54	1.71	13.91	-1.45	1.65	0.43	0.48	1.60	-0.23
1601	3	1863	14.43	8.62	0.65	7.00	2.27	-3.21	1.58	1.28	1.28	1.57	0.03
		1864	12.43	6.38	0.54	4.78	2.14	-2.61	1.62	1.09	1.09	1.62	1.94e-03
		1883	11.34	4.30	1.62	4.15	1.77	-0.61	1.71	1.05	1.05	1.71	0.05
		1882	12.78	6.40	1.66	6.25	1.81	-0.82	1.71	1.18	1.22	1.67	0.14
1601	4	1863	12.62	9.65	-1.33	1.78	6.54	-4.95	-0.24	-0.74	-0.24	-0.73	-0.05
		1864	12.21	7.62	-3.54	-1.87	5.95	-3.98	-0.58	-0.89	-0.59	-0.87	-0.06
		1883	10.86	5.41	-2.99	-2.95	5.37	-0.58	0.44	-0.22	-0.21	0.43	-0.08
		1882	8.90	5.91	0.48	0.65	5.73	-0.96	0.60	0.16	0.17	0.59	-0.09
1602	1	1864	40.48	18.83	0.16	17.30	1.69	-5.13	5.93	4.04	4.04	5.93	0.04
		1865	37.02	14.44	0.46	13.13	1.76	-4.06	5.95	3.62	3.62	5.95	-0.05
		1884	33.29	12.04	1.12	12.02	1.13	-0.35	5.55	3.33	3.33	5.55	4.10e-03
		1883	36.10	15.94	0.90	15.92	0.93	-0.65	5.52	3.64	3.67	5.49	0.24
1602	2	1864	31.53	18.61	-9.14	-5.12	14.59	-9.77	-1.63	-2.51	-1.65	-2.49	-0.14
		1865	32.04	15.53	-15.61	-13.55	13.46	-7.74	-2.43	-2.88	-2.48	-2.82	-0.15
		1884	36.71	12.39	-16.44	-16.44	12.39	8.77e-03	0.84	-1.41	-1.39	0.82	-0.21
		1883	27.77	13.06	-8.16	-8.15	13.04	-0.52	1.21	-0.55	-0.53	1.18	-0.22
1602	3	1864	12.45	6.41	0.54	4.80	2.15	-2.61	1.62	1.09	1.09	1.62	5.98e-04
		1865	11.09	4.63	0.34	2.95	2.02	-2.09	1.60	0.90	0.90	1.60	-0.03
		1884	10.47	2.56	1.50	2.36	1.70	-0.42	1.70	0.88	0.88	1.70	-0.01
		1883	11.29	4.27	1.61	4.13	1.75	-0.60	1.71	1.04	1.04	1.71	0.05
1602	4	1864	12.24	7.64	-3.52	-1.84	5.97	-3.99	-0.59	-0.89	-0.60	-0.88	-0.05
		1865	12.28	6.38	-5.85	-4.96	5.49	-3.18	-0.88	-1.02	-0.91	-1.00	-0.05
		1884	13.99	5.04	-6.08	-6.08	5.03	-0.31	0.30	-0.53	-0.52	0.30	-0.08
		1883	10.82	5.38	-3.04	-3.00	5.34	-0.56	0.44	-0.21	-0.20	0.43	-0.08
1603	1	1865	37.05	14.47	0.47	13.17	1.77	-4.07	5.95	3.62	3.63	5.95	-0.05
		1866	34.15	10.82	0.71	9.71	1.82	-3.16	5.81	3.20	3.21	5.81	-0.12
		1885	31.03	8.72	1.27	8.72	1.27	-0.06	5.47	2.96	2.97	5.46	-0.17
		1884	33.21	11.99	1.10	11.98	1.11	-0.33	5.55	3.32	3.32	5.55	9.68e-03
1603	2	1865	32.08	15.56	-15.56	-13.49	13.49	-7.76	-2.44	-2.87	-2.49	-2.82	-0.14
		1866	38.96	13.73	-21.61	-20.52	12.64	-6.10	-3.00	-3.30	-3.19	-3.10	-0.14
		1885	45.42	11.85	-23.46	-23.46	11.85	0.28	0.53	-2.12	-2.10	0.51	-0.20
		1884	36.71	12.34	-16.55	-16.55	12.34	0.04	0.84	-1.40	-1.38	0.82	-0.21
1603	3	1865	11.10	4.64	0.35	2.96	2.02	-2.10	1.60	0.90	0.90	1.60	-0.03
		1866	10.22	3.34	7.08e-04	1.42	1.92	-1.65	1.54	0.72	0.72	1.54	-0.05
		1885	10.09	1.72	0.78	0.86	1.64	-0.26	1.66	0.71	0.72	1.65	-0.07
		1884	10.45	2.53	1.49	2.34	1.68	-0.41	1.70	0.88	0.88	1.70	-0.01
1603	4	1865	12.29	6.39	-5.83	-4.94	5.50	-3.19	-0.89	-1.02	-0.91	-1.00	-0.05
		1866	14.74	5.61	-8.02	-7.54	5.13	-2.52	-1.07	-1.20	-1.17	-1.10	-0.05
		1885	17.13	4.78	-8.68	-8.68	4.78	-0.16	0.19	-0.79	-0.78	0.18	-0.07
		1884	13.99	5.02	-6.12	-6.12	5.01	-0.30	0.30	-0.52	-0.52	0.30	-0.08
1604	1	1866	34.15	10.85	0.71	9.74	1.82	-3.16	5.81	3.20	3.21	5.81	-0.12
		1867	31.56	7.82	0.91	6.87	1.87	-2.38	5.55	2.79	2.80	5.54	-0.17
		1886	29.16	5.97	1.39	5.96	1.40	0.19	5.30	2.58	2.61	5.26	-0.30
		1885	30.98	8.68	1.25	8.68	1.25	-0.05	5.47	2.95	2.96	5.46	-0.17
1604	2	1866	38.91	13.75	-21.56	-20.47	12.66	-6.11	-3.01	-3.29	-3.19	-3.11	-0.14
		1867	46.34	12.66	-26.73	-26.16	12.09	-4.72	-3.29	-3.81	-3.77	-3.33	-0.14
		1886	52.95	11.49	-29.11	-29.11	11.49	0.32	0.27	-2.69	-2.68	0.26	-0.19
		1885	45.46	11.81	-23.55	-23.54	11.81	0.29	0.53	-2.11	-2.10	0.51	-0.19
1604	3	1866	10.22	3.35	7.17e-03	1.43	1.92	-1.65	1.54	0.72	0.72	1.54	-0.05
		1867	9.68	2.53	-0.52	0.16	1.85	-1.26	1.45	0.56	0.56	1.44	-0.06
		1886	9.98	1.62	-0.39	-0.38	1.62	-0.12	1.58	0.56	0.57	1.57	-0.10
		1885	10.07	1.71	0.76	0.84	1.63	-0.25	1.65	0.71	0.72	1.65	-0.06
1604	4	1866	14.72	5.62	-8.01	-7.52	5.13	-2.52	-1.08	-1.20	-1.17	-1.10	-0.05
		1867	17.39	5.14	-9.89	-9.63	4.88	-1.95	-1.17	-1.40	-1.38	-1.19	-0.05
		1886	19.88	4.61	-10.78	-10.78	4.61	-0.09	0.10	-1.00	-1.00	0.09	-0.07
		1885	17.14	4.76	-8.71	-8.71	4.76	-0.15	0.19	-0.79	-0.78	0.18	-0.07
1605	1	1867	31.56	7.85	0.92	6.89	1.87	-2.39	5.55	2.79	2.80	5.54	-0.17
		1868	29.15	5.38	1.09	4.52	1.95	-1.72	5.19	2.40	2.41	5.18	-0.21
		1887	27.48	3.75	1.48	3.68	1.55	0.40	5.04	2.21	2.27	4.98	-0.41
		1886	29.12	5.93	1.38	5.93	1.39	0.20	5.29	2.58	2.61	5.26	-0.30
1605	2	1867	46.30	12.68	-26.70	-26.12	12.10	-4.73	-3.29	-3.80	-3.77	-3.33	-0.13
		1868	52.28	12.09	-30.79	-30.50	11.80	-3.52	-3.47	-4.23	-4.20	-3.50	-0.14
		1887	58.95	11.33	-33.44	-33.44	11.33	0.21	0.08	-3.13	-3.12	0.08	-0.17
		1886	52.99	11.47	-29.18	-29.18	11.47	0.33	0.27	-2.69	-2.68	0.26	-0.18
1605	3	1867	9.68	2.53	-0.51	0.17	1.85	-1.27	1.45	0.56	0.56	1.44	-0.06
		1868	9.36	2.11	-1.15	-0.86	1.83	-0.92	1.33	0.41	0.41	1.32	-0.07
		1887	10.02	1.62	-1.39	-1.39	1.62	-0.02	1.49	0.42	0.43	1.48	-0.13
		1886	9.98	1.62	-0.41	-0.40	1.61	-0.12	1.58	0.56	0.57	1.57	-0.10



1605	4	1867	17.37	5.15	-9.87	-9.61	4.89	-1.96	-1.17	-1.40	-1.39	-1.19	-0.05
		1868	19.54	4.88	-11.37	-11.24	4.75	-1.46	-1.24	-1.56	-1.55	-1.25	-0.05
		1887	22.07	4.52	-12.39	-12.38	4.52	-0.07	0.03	-1.17	-1.16	0.02	-0.06
		1886	19.89	4.60	-10.80	-10.80	4.60	-0.08	0.10	-1.00	-1.00	0.09	-0.07
1606	1	1868	29.15	5.40	1.09	4.54	1.95	-1.72	5.19	2.40	2.41	5.17	-0.21
		1869	26.85	3.51	1.17	2.60	2.08	-1.14	4.77	2.02	2.04	4.75	-0.24
		1888	25.89	2.35	1.19	1.82	1.73	0.58	4.71	1.86	1.94	4.63	-0.48
		1887	27.45	3.72	1.46	3.65	1.53	0.40	5.03	2.21	2.27	4.98	-0.40
1606	2	1868	52.25	12.11	-30.76	-30.47	11.81	-3.53	-3.48	-4.23	-4.20	-3.50	-0.13
		1869	56.59	11.90	-33.69	-33.57	11.77	-2.42	-3.59	-4.53	-4.51	-3.61	-0.14
		1888	63.29	11.34	-36.48	-36.48	11.34	0.02	-0.04	-3.43	-3.42	-0.05	-0.15
		1887	58.98	11.31	-33.49	-33.49	11.31	0.21	0.08	-3.13	-3.12	0.08	-0.16
1606	3	1868	9.36	2.12	-1.14	-0.85	1.83	-0.93	1.33	0.41	0.41	1.32	-0.07
		1869	9.17	1.96	-1.76	-1.66	1.85	-0.62	1.19	0.27	0.28	1.19	-0.08
		1888	10.10	1.66	-2.17	-2.17	1.66	0.08	1.39	0.29	0.32	1.36	-0.16
		1887	10.02	1.61	-1.40	-1.40	1.61	-0.02	1.49	0.42	0.43	1.48	-0.13
1606	4	1868	19.53	4.88	-11.36	-11.23	4.75	-1.46	-1.24	-1.56	-1.55	-1.25	-0.05
		1869	21.11	4.78	-12.43	-12.37	4.73	-1.00	-1.28	-1.67	-1.66	-1.29	-0.05
		1888	23.67	4.51	-13.51	-13.51	4.51	-0.09	-0.02	-1.28	-1.28	-0.02	-0.06
		1887	22.08	4.51	-12.40	-12.40	4.51	-0.07	0.03	-1.17	-1.16	0.02	-0.06
1607	1	1869	26.84	3.52	1.17	2.61	2.08	-1.14	4.77	2.02	2.04	4.75	-0.24
		1870	24.63	2.54	0.79	1.05	2.27	-0.63	4.30	1.67	1.69	4.27	-0.26
		1889	24.34	2.24	0.05	0.33	1.96	0.73	4.34	1.53	1.64	4.23	-0.54
		1888	25.88	2.33	1.17	1.79	1.72	0.58	4.71	1.86	1.94	4.63	-0.48
1607	2	1869	56.56	11.91	-33.68	-33.55	11.78	-2.43	-3.60	-4.52	-4.51	-3.61	-0.13
		1870	59.17	12.03	-35.42	-35.38	11.99	-1.35	-3.65	-4.69	-4.67	-3.67	-0.13
		1889	65.93	11.54	-38.25	-38.25	11.54	-0.18	-0.10	-3.59	-3.59	-0.11	-0.13
		1888	63.31	11.34	-36.51	-36.51	11.34	0.02	-0.04	-3.43	-3.42	-0.05	-0.14
1607	3	1869	9.16	1.96	-1.76	-1.65	1.85	-0.62	1.19	0.27	0.28	1.19	-0.08
		1870	9.01	1.96	-2.28	-2.25	1.93	-0.33	1.05	0.15	0.16	1.04	-0.09
		1889	10.13	1.75	-2.75	-2.74	1.75	0.16	1.27	0.18	0.21	1.24	-0.17
		1888	10.10	1.66	-2.18	-2.18	1.66	0.08	1.39	0.29	0.32	1.36	-0.16
1607	4	1869	21.10	4.79	-12.42	-12.37	4.73	-1.00	-1.28	-1.67	-1.66	-1.29	-0.05
		1870	22.06	4.83	-13.06	-13.05	4.81	-0.54	-1.31	-1.73	-1.72	-1.31	-0.05
		1889	24.65	4.58	-14.17	-14.17	4.58	-0.11	-0.04	-1.34	-1.34	-0.04	-0.05
		1888	23.68	4.51	-13.53	-13.53	4.51	-0.09	-0.02	-1.28	-1.28	-0.02	-0.06
1608	1	1870	24.62	2.54	0.80	1.07	2.28	-0.63	4.30	1.67	1.69	4.27	-0.26
		1871	22.49	2.55	-0.16	-0.15	2.55	-0.15	3.80	1.34	1.37	3.77	-0.28
		1890	22.80	2.48	-1.06	-0.83	2.24	0.88	3.94	1.22	1.35	3.81	-0.58
		1889	24.33	2.23	0.02	0.30	1.95	0.73	4.34	1.53	1.64	4.23	-0.54
1608	2	1870	59.16	12.03	-35.41	-35.37	11.99	-1.36	-3.65	-4.69	-4.67	-3.67	-0.13
		1871	60.01	12.44	-35.95	-35.95	12.44	-0.22	-3.65	-4.72	-4.71	-3.67	-0.13
		1890	66.84	11.89	-38.76	-38.75	11.89	-0.32	-0.10	-3.62	-3.62	-0.10	-0.11
		1889	65.94	11.54	-38.26	-38.26	11.54	-0.18	-0.10	-3.59	-3.59	-0.11	-0.12
1608	3	1870	9.00	1.96	-2.27	-2.25	1.93	-0.33	1.05	0.15	0.16	1.04	-0.09
		1871	8.84	2.07	-2.65	-2.65	2.07	-0.05	0.90	0.05	0.07	0.89	-0.10
		1890	10.08	1.89	-3.13	-3.12	1.87	0.25	1.15	0.09	0.12	1.12	-0.18
		1889	10.13	1.75	-2.76	-2.75	1.74	0.16	1.27	0.18	0.21	1.24	-0.17
1608	4	1870	22.06	4.83	-13.06	-13.04	4.81	-0.55	-1.31	-1.73	-1.72	-1.31	-0.05
		1871	22.39	5.00	-13.26	-13.26	5.00	-0.07	-1.31	-1.74	-1.74	-1.31	-0.05
		1890	25.00	4.73	-14.36	-14.36	4.73	-0.10	-0.04	-1.35	-1.35	-0.04	-0.04
		1889	24.66	4.58	-14.18	-14.18	4.58	-0.11	-0.04	-1.34	-1.34	-0.04	-0.05
1609	1	1871	22.48	2.56	-0.15	-0.14	2.55	-0.16	3.80	1.34	1.37	3.77	-0.28
		1872	20.42	2.93	-1.08	-1.05	2.91	0.30	3.29	1.04	1.07	3.25	-0.29
		1891	21.24	2.84	-1.91	-1.67	2.60	1.03	3.51	0.93	1.08	3.36	-0.61
		1890	22.79	2.47	-1.08	-0.85	2.24	0.88	3.93	1.22	1.35	3.80	-0.58
1609	2	1871	60.00	12.44	-35.95	-35.95	12.44	-0.23	-3.65	-4.72	-4.71	-3.67	-0.12
		1872	59.11	13.12	-35.30	-35.27	13.09	1.03	-3.59	-4.62	-4.61	-3.61	-0.12
		1891	66.01	12.38	-38.00	-37.99	12.38	-0.35	-0.03	-3.51	-3.51	-0.03	-0.09
		1890	66.85	11.90	-38.75	-38.75	11.90	-0.32	-0.10	-3.62	-3.62	-0.10	-0.10
1609	3	1871	8.83	2.07	-2.65	-2.65	2.07	-0.05	0.90	0.05	0.07	0.89	-0.09
		1872	8.61	2.27	-2.89	-2.87	2.26	0.24	0.75	-0.03	-0.02	0.74	-0.10
		1891	9.91	2.07	-3.34	-3.32	2.05	0.36	1.02	0.02	0.05	0.99	-0.19
		1890	10.08	1.89	-3.14	-3.13	1.87	0.25	1.15	0.09	0.12	1.12	-0.18
1609	4	1871	22.38	5.00	-13.26	-13.26	5.00	-0.07	-1.31	-1.74	-1.74	-1.31	-0.05
		1872	22.08	5.29	-13.03	-13.01	5.28	0.46	-1.28	-1.70	-1.70	-1.29	-0.05
		1891	24.71	4.95	-14.08	-14.08	4.95	-0.05	-0.02	-1.31	-1.31	-0.02	-0.04
		1890	25.00	4.74	-14.36	-14.36	4.73	-0.10	-0.04	-1.35	-1.35	-0.04	-0.04
1610	1	1872	20.42	2.93	-1.07	-1.04	2.91	0.30	3.29	1.04	1.07	3.25	-0.29
		1873	18.44	3.48	-1.78	-1.68	3.37	0.74	2.77	0.76	0.81	2.73	-0.30
		1892	19.68	3.31	-2.49	-2.23	3.05	1.21	3.07	0.67	0.84	2.90	-0.63
		1891	21.24	2.84	-1.92	-1.68	2.60	1.04	3.51	0.93	1.09	3.36	-0.61
1610	2	1872	59.10	13.11	-35.31	-35.29	13.09	1.02	-3.59	-4.62	-4.60	-3.61	-0.11
		1873	56.49	14.05	-33.48	-33.35	13.92	2.48	-3.47	-4.39	-4.37	-3.49	-0.11
		1892	63.43	12.97	-35.96	-35.96	12.97	-0.19	0.11	-3.26	-3.26	0.11	-0.06
		1891	66.03	12.40	-37.97	-37.97	12.39	-0.34	-0.03	-3.52	-3.52	-0.03	-0.08
1610	3	1872	8.61	2.27	-2.88	-2.87	2.26	0.24	0.75	-0.03	-0.02	0.74	-0.10



		1873	8.31	2.56	-2.98	-2.92	2.51	0.55	0.61	-0.09	-0.08	0.59	-0.10
		1892	9.62	2.32	-3.37	-3.33	2.27	0.49	0.90	-0.04	-6.34e-04	0.86	-0.19
		1891	9.92	2.07	-3.34	-3.32	2.05	0.36	1.02	0.02	0.05	0.99	-0.19
1610	4	1872	22.08	5.29	-13.03	-13.02	5.27	0.45	-1.28	-1.70	-1.70	-1.29	-0.05
		1873	21.16	5.70	-12.37	-12.31	5.63	1.06	-1.24	-1.62	-1.61	-1.25	-0.05
		1892	23.79	5.21	-13.32	-13.32	5.21	0.08	0.03	-1.22	-1.22	0.03	-0.03
		1891	24.72	4.95	-14.07	-14.07	4.95	-0.05	-0.02	-1.31	-1.31	-0.02	-0.03
1611	1	1873	18.44	3.48	-1.78	-1.67	3.37	0.74	2.77	0.76	0.80	2.73	-0.30
		1874	16.56	4.17	-2.28	-2.05	3.94	1.19	2.26	0.51	0.56	2.20	-0.30
		1893	18.11	3.90	-2.85	-2.54	3.59	1.41	2.64	0.42	0.63	2.43	-0.64
		1892	19.67	3.31	-2.51	-2.24	3.05	1.21	3.07	0.67	0.85	2.90	-0.62
1611	2	1873	56.47	14.04	-33.51	-33.38	13.91	2.47	-3.47	-4.37	-4.36	-3.48	-0.10
		1874	52.23	15.26	-30.54	-30.15	14.87	4.20	-3.29	-4.02	-4.00	-3.31	-0.10
		1893	59.10	13.63	-32.62	-32.62	13.63	0.21	0.32	-2.86	-2.86	0.32	-0.03
		1892	63.50	13.00	-35.91	-35.91	13.00	-0.17	0.11	-3.28	-3.28	0.10	-0.06
1611	3	1873	8.30	2.56	-2.98	-2.92	2.51	0.55	0.61	-0.09	-0.08	0.59	-0.10
		1874	7.92	2.95	-2.93	-2.80	2.81	0.88	0.47	-0.14	-0.12	0.45	-0.10
		1893	9.19	2.62	-3.24	-3.17	2.54	0.65	0.78	-0.08	-0.04	0.74	-0.20
		1892	9.62	2.32	-3.37	-3.33	2.27	0.49	0.90	-0.04	-1.27e-03	0.86	-0.19
1611	4	1873	21.15	5.69	-12.38	-12.32	5.63	1.06	-1.24	-1.61	-1.61	-1.25	-0.04
		1874	19.66	6.24	-11.31	-11.13	6.05	1.77	-1.18	-1.48	-1.48	-1.18	-0.04
		1893	22.24	5.52	-12.09	-12.08	5.52	0.29	0.11	-1.07	-1.07	0.11	-0.02
		1892	23.82	5.22	-13.31	-13.31	5.22	0.08	0.03	-1.22	-1.22	0.03	-0.03
1612	1	1874	16.55	4.16	-2.27	-2.04	3.94	1.19	2.25	0.51	0.56	2.20	-0.30
		1875	14.77	5.01	-2.57	-2.19	4.62	1.66	1.75	0.29	0.35	1.68	-0.30
		1894	16.54	4.63	-2.98	-2.61	4.25	1.65	2.20	0.20	0.43	1.97	-0.64
		1893	18.09	3.90	-2.86	-2.54	3.59	1.42	2.64	0.43	0.63	2.44	-0.63
1612	2	1874	52.14	15.25	-30.58	-30.20	14.86	4.19	-3.29	-3.99	-3.98	-3.30	-0.09
		1875	46.54	16.80	-26.57	-25.64	15.88	6.27	-3.06	-3.53	-3.51	-3.08	-0.09
		1894	53.01	14.29	-27.95	-27.93	14.27	0.88	0.59	-2.31	-2.31	0.59	0.01
		1893	59.32	13.67	-32.55	-32.55	13.67	0.24	0.30	-2.92	-2.92	0.30	-0.04
1612	3	1874	7.91	2.95	-2.94	-2.80	2.81	0.88	0.47	-0.14	-0.12	0.45	-0.10
		1875	7.46	3.43	-2.77	-2.51	3.17	1.25	0.33	-0.17	-0.15	0.31	-0.10
		1894	8.62	2.98	-2.97	-2.84	2.86	0.85	0.67	-0.11	-0.05	0.62	-0.19
		1893	9.19	2.62	-3.24	-3.17	2.55	0.65	0.78	-0.08	-0.04	0.74	-0.20
1612	4	1874	19.63	6.23	-11.32	-11.14	6.05	1.76	-1.18	-1.47	-1.47	-1.18	-0.04
		1875	17.68	6.92	-9.88	-9.46	6.51	2.61	-1.09	-1.30	-1.29	-1.10	-0.04
		1894	20.06	5.86	-10.37	-10.35	5.83	0.62	0.21	-0.86	-0.86	0.21	-1.92e-03
		1893	22.32	5.54	-12.06	-12.06	5.53	0.30	0.10	-1.09	-1.09	0.10	-0.02
1613	1	1875	14.79	5.00	-2.57	-2.19	4.62	1.66	1.75	0.28	0.34	1.68	-0.30
		1876	13.08	6.00	-2.68	-2.12	5.44	2.14	1.26	0.09	0.17	1.18	-0.30
		1895	15.03	5.50	-2.94	-2.47	5.03	1.93	1.79	-0.02	0.25	1.52	-0.64
		1894	16.50	4.64	-2.99	-2.61	4.25	1.67	2.21	0.22	0.45	1.98	-0.63
1613	2	1875	46.17	16.77	-26.62	-25.71	15.85	6.24	-3.05	-3.44	-3.43	-3.06	-0.07
		1876	40.05	18.82	-21.74	-19.77	16.84	8.72	-2.77	-2.96	-2.93	-2.80	-0.07
		1895	45.11	14.91	-21.93	-21.84	14.82	1.87	0.94	-1.54	-1.54	0.94	0.06
		1894	53.71	14.37	-27.86	-27.83	14.35	0.94	0.55	-2.47	-2.47	0.55	-0.02
1613	3	1875	7.44	3.43	-2.78	-2.52	3.17	1.24	0.34	-0.17	-0.15	0.31	-0.10
		1876	6.95	4.02	-2.51	-2.06	3.57	1.65	0.21	-0.19	-0.16	0.18	-0.10
		1895	7.93	3.42	-2.55	-2.35	3.22	1.08	0.57	-0.11	-0.05	0.51	-0.19
		1894	8.64	3.00	-2.96	-2.84	2.87	0.86	0.67	-0.11	-0.06	0.62	-0.20
1613	4	1875	17.54	6.91	-9.90	-9.49	6.49	2.60	-1.09	-1.27	-1.26	-1.09	-0.03
		1876	15.46	7.81	-8.15	-7.29	6.95	3.60	-0.99	-1.09	-1.08	-1.00	-0.03
		1895	17.27	6.20	-8.16	-8.09	6.12	1.06	0.34	-0.58	-0.58	0.34	0.02
		1894	20.32	5.89	-10.34	-10.31	5.86	0.64	0.19	-0.92	-0.92	0.19	-0.01
1614	1	1876	13.14	5.99	-2.69	-2.13	5.42	2.14	1.25	0.06	0.14	1.17	-0.30
		1877	11.46	7.15	-2.60	-1.83	6.38	2.63	0.79	-0.09	0.02	0.67	-0.29
		1896	13.61	6.53	-2.73	-2.17	5.97	2.21	1.37	-0.26	0.06	1.05	-0.65
		1895	14.90	5.53	-2.95	-2.47	5.05	1.95	1.80	0.05	0.32	1.54	-0.63
1614	2	1876	38.69	18.71	-21.78	-19.84	16.77	8.66	-2.62	-2.77	-2.65	-2.75	-0.06
		1877	37.68	21.71	-16.63	-12.66	17.74	11.68	-2.39	-2.47	-2.39	-2.47	-7.89e-04
		1896	35.10	15.37	-14.46	-14.10	15.01	3.27	1.36	-0.39	-0.38	1.35	0.15
		1895	47.35	15.08	-21.82	-21.71	14.98	1.97	0.82	-2.05	-2.05	0.82	-0.03
1614	3	1876	6.91	4.01	-2.51	-2.07	3.56	1.64	0.21	-0.18	-0.15	0.18	-0.10
		1877	6.52	4.72	-2.17	-1.45	4.01	2.10	0.09	-0.19	-0.16	0.06	-0.09
		1896	7.08	3.93	-2.00	-1.68	3.61	1.34	0.47	-0.09	-0.02	0.40	-0.19
		1895	8.00	3.45	-2.55	-2.34	3.24	1.10	0.56	-0.13	-0.07	0.50	-0.19
1614	4	1876	15.04	7.77	-8.17	-7.32	6.92	3.58	-0.95	-1.00	-0.97	-0.98	-0.03
		1877	14.90	9.05	-6.33	-4.66	7.38	4.78	-0.87	-0.88	-0.88	-0.88	-4.80e-03
		1896	13.77	6.52	-5.45	-5.22	6.28	1.66	0.49	-0.15	-0.15	0.49	0.05
		1895	18.08	6.27	-8.12	-8.04	6.18	1.10	0.29	-0.77	-0.77	0.29	-0.02
1615	1	1877	11.69	7.17	-2.66	-1.87	6.39	2.66	0.75	-0.18	-0.08	0.64	-0.29
		1878	10.34	8.29	-2.17	-1.21	7.33	3.02	0.38	-0.24	-0.12	0.26	-0.24
		1897	11.85	7.82	-2.33	-1.72	7.22	2.40	0.81	-0.61	-0.23	0.42	-0.63
		1896	13.23	6.56	-2.73	-2.15	5.98	2.25	1.45	-0.06	0.27	1.12	-0.63
1615	2	1877	38.31	21.11	-16.36	-12.55	17.30	11.32	-1.59	-2.28	-1.59	-2.28	-0.05
		1878	37.20	27.04	-13.14	-5.53	19.44	15.74	-1.57	-2.03	-1.85	-1.76	0.23



		1897	24.39	15.26	-5.83	-3.99	13.42	5.96	1.81	1.22	1.52	1.51	0.30
		1896	41.55	16.05	-14.34	-13.95	15.65	3.45	0.90	-2.07	-2.07	0.90	-0.03
1615	3	1877	6.39	4.68	-2.16	-1.46	3.98	2.07	0.10	-0.17	-0.13	0.06	-0.10
		1878	6.86	5.59	-1.81	-0.75	4.52	2.60	-2.23e-03	-0.18	-0.16	-0.03	-0.06
		1897	5.72	4.48	-1.32	-0.79	3.95	1.67	0.33	-0.07	0.04	0.22	-0.18
		1896	7.29	4.00	-2.00	-1.66	3.66	1.38	0.45	-0.15	-0.08	0.38	-0.19
1615	4	1877	15.11	8.82	-6.23	-4.63	7.21	4.64	-0.58	-0.80	-0.58	-0.80	-0.02
		1878	14.99	11.18	-5.10	-2.03	8.11	6.37	-0.56	-0.73	-0.67	-0.62	0.08
		1897	10.09	6.70	-2.37	-1.46	5.79	2.73	0.65	0.45	0.55	0.55	0.10
		1896	16.07	6.78	-5.41	-5.16	6.53	1.73	0.32	-0.78	-0.78	0.32	-0.02
1616	1	1878	11.59	8.63	-1.72	-0.60	7.51	3.21	0.31	-0.50	-0.44	0.26	-0.20
		187	13.93	10.33	-2.89	-1.62	9.06	3.90	0.71	-0.04	0.29	0.37	-0.37
		172	13.03	9.39	0.85	1.55	8.69	2.34	0.03	-0.90	-0.49	-0.38	-0.46
		1897	12.50	7.47	-3.36	-2.88	6.99	2.22	0.81	-0.45	0.04	0.32	-0.61
1616	2	1878	36.67	25.30	-15.24	-8.50	18.56	15.10	-0.57	-1.30	-0.77	-1.10	0.33
		187	37.14	28.82	-8.54	1.42	18.87	16.52	2.15	1.63	2.13	1.65	-0.10
		172	39.32	21.97	-12.46	-0.96	10.48	16.23	4.31	0.43	4.25	0.49	0.48
		1897	29.03	18.74	-0.47	2.70	15.57	7.13	-0.25	-2.95	-2.93	-0.27	0.24
1616	3	1878	7.06	5.58	-1.86	-0.80	4.51	2.60	0.03	-0.18	-0.17	0.02	-0.04
		187	7.97	6.39	-1.68	-0.37	5.08	2.98	0.35	0.10	0.21	0.24	-0.13
		172	7.39	5.52	-0.82	0.41	4.29	2.50	0.19	-0.12	0.16	-0.09	-0.10
		1897	5.93	4.62	-1.19	-0.62	4.05	1.73	0.15	-0.30	-0.21	0.06	-0.18
1616	4	1878	14.76	10.53	-5.88	-3.14	7.79	6.12	-0.20	-0.45	-0.27	-0.38	0.11
		187	15.08	11.93	-3.43	0.53	7.98	6.71	0.76	0.60	0.75	0.62	-0.05
		172	15.50	9.35	-4.86	-0.33	4.82	6.62	1.58	0.15	1.56	0.17	0.18
		1897	11.71	8.04	-0.41	1.03	6.60	3.18	-0.10	-1.09	-1.09	-0.11	0.07
1617	1	196	90.40	65.49	-5.78	64.76	-5.05	-7.18	5.36	0.79	4.59	1.56	1.71
		1879	68.71	44.79	-7.80	39.17	-2.17	-16.25	8.02	2.63	6.36	4.29	2.49
		1898	49.02	38.08	-0.14	37.42	0.53	-5.01	4.15	-0.76	2.06	1.33	2.43
		248	77.23	30.74	1.88	30.37	2.24	-3.21	9.67	0.29	7.52	2.43	3.94
1617	2	196	114.20	74.53	-0.97	63.16	10.41	-27.01	8.59	3.28	8.57	3.29	-0.27
		1879	83.28	72.02	-9.16	45.85	17.01	-37.94	2.46	1.73	2.44	1.74	0.10
		1898	62.25	49.75	2.45	38.25	13.94	-20.29	3.17	0.53	3.17	0.53	-0.06
		248	90.21	58.29	2.55	41.71	19.13	-25.48	7.74	2.26	7.73	2.27	-0.26
1617	3	196	34.10	24.85	-0.83	23.93	0.09	-4.76	2.18	0.60	2.02	0.77	0.48
		1879	25.04	18.97	-2.50	15.05	1.42	-8.29	2.56	0.93	2.08	1.41	0.74
		1898	17.38	14.95	0.93	13.95	1.93	-3.62	1.42	-0.05	0.88	0.48	0.71
		248	26.38	13.30	1.74	12.11	2.93	-3.51	3.32	0.33	2.78	0.87	1.15
1617	4	196	42.73	28.26	-0.13	23.46	4.67	-10.64	3.20	1.27	3.20	1.28	-0.10
		1879	31.82	27.60	-3.47	17.03	7.10	-14.72	0.92	0.65	0.92	0.66	0.04
		1898	23.74	19.19	0.92	14.19	5.91	-8.14	1.21	0.25	1.21	0.25	-0.03
		248	33.86	22.49	0.91	15.47	7.93	-10.11	2.85	0.82	2.84	0.82	-0.09
1618	1	1879	59.45	45.36	-4.62	41.33	-0.59	-13.61	5.77	1.77	4.22	3.33	1.95
		1880	57.19	37.71	-4.92	32.98	-0.18	-13.39	6.65	3.65	5.39	4.91	1.48
		1899	42.60	30.76	-1.60	29.36	-0.20	-6.58	3.86	0.06	2.64	1.27	1.77
		1898	56.15	36.04	-1.74	35.00	-0.71	-6.16	5.56	0.09	3.87	1.79	2.53
1618	2	1879	86.75	66.66	-8.72	41.83	16.11	-35.43	5.00	2.80	5.00	2.80	0.09
		1880	68.85	54.17	-11.39	26.56	16.23	-32.37	2.60	2.01	2.15	2.46	-0.25
		1899	50.53	38.80	-0.41	26.38	12.02	-18.24	1.85	-1.52	1.80	-1.47	-0.40
		1898	62.65	50.96	2.13	38.83	14.26	-21.09	2.59	-0.10	2.56	-0.07	-0.27
1618	3	1879	22.99	18.56	-1.35	15.39	1.82	-7.29	2.04	0.79	1.62	1.20	0.59
		1880	20.79	15.36	-1.72	11.77	1.87	-6.96	2.12	1.27	1.75	1.63	0.42
		1899	14.95	12.10	0.09	10.67	1.51	-3.88	1.21	0.04	0.93	0.31	0.49
		1898	19.40	14.53	0.34	13.27	1.60	-4.03	1.79	0.14	1.36	0.57	0.72
1618	4	1879	32.91	25.59	-3.28	15.53	6.77	-13.75	1.85	1.04	1.85	1.04	0.04
		1880	26.51	20.99	-4.38	9.87	6.74	-12.59	0.96	0.74	0.80	0.91	-0.09
		1899	19.26	15.16	-0.24	9.79	5.13	-7.34	0.70	-0.52	0.68	-0.50	-0.15
		1898	23.85	19.65	0.79	14.41	6.03	-8.45	0.98	0.01	0.97	0.02	-0.10
1619	1	1880	52.86	37.50	-4.60	32.87	0.04	-13.18	5.87	3.23	4.53	4.57	1.32
		1881	48.39	31.12	-4.55	26.20	0.36	-12.30	5.92	3.95	4.62	5.25	0.93
		1900	36.18	25.61	-1.86	23.94	-0.19	-6.57	3.50	0.88	2.69	1.68	1.21
		1899	45.50	30.75	-1.83	29.35	-0.43	-6.60	4.37	0.38	3.21	1.53	1.81
1619	2	1880	69.70	53.47	-11.09	26.24	16.13	-31.88	3.20	2.58	3.15	2.63	-0.17
		1881	56.27	41.75	-13.52	13.28	14.96	-27.62	2.11	1.25	1.34	2.02	-0.26
		1900	34.58	27.63	-2.78	13.44	11.40	-15.17	0.52	-2.11	0.46	-2.05	-0.39
		1899	48.10	38.64	-0.26	26.20	12.18	-18.14	1.42	-1.47	1.37	-1.43	-0.36
1619	3	1880	19.98	15.25	-1.59	11.72	1.94	-6.85	1.94	1.18	1.57	1.54	0.38
		1881	17.55	12.44	-1.80	8.77	1.87	-6.23	1.86	1.30	1.47	1.70	0.26
		1900	12.08	9.66	-0.18	8.10	1.39	-3.60	1.02	0.22	0.85	0.39	0.33
		1899	15.58	12.07	0.03	10.65	1.45	-3.88	1.34	0.12	1.07	0.40	0.51
1619	4	1880	26.75	20.72	-4.26	9.75	6.71	-12.40	1.18	0.95	1.16	0.97	-0.06
		1881	21.86	16.35	-5.22	4.94	6.19	-10.77	0.77	0.46	0.49	0.74	-0.10
		1900	13.45	11.05	-1.24	4.99	4.82	-6.14	0.21	-0.73	0.19	-0.71	-0.14
		1899	18.40	15.10	-0.19	9.72	5.19	-7.30	0.54	-0.50	0.52	-0.48	-0.13
1620	1	1881	47.27	31.04	-4.44	26.17	0.43	-12.21	5.73	3.82	4.37	5.18	0.87
		1882	43.28	25.62	-4.29	20.62	0.71	-11.16	5.74	3.97	4.15	5.56	0.54
		1901	30.22	21.07	-1.91	19.19	-0.03	-6.30	3.00	1.40	2.49	1.91	0.75



		1900	37.05	25.63	-1.91	23.95	-0.23	-6.59	3.65	0.93	2.85	1.73	1.24
1620	2	1881	56.00	41.52	-13.38	13.12	15.03	-27.43	2.18	1.57	1.67	2.09	-0.22
		1882	48.12	32.07	-16.27	1.86	13.94	-23.40	1.61	0.33	0.37	1.57	-0.24
		1901	29.93	19.76	-6.90	2.08	10.78	-12.60	-0.69	-2.68	-0.76	-2.61	-0.36
1620	3	1900	34.11	27.66	-2.82	13.46	11.37	-15.20	0.34	-2.13	0.28	-2.07	-0.38
		1881	17.37	12.39	-1.74	8.75	1.90	-6.18	1.82	1.27	1.42	1.68	0.24
		1882	15.43	9.99	-1.90	6.27	1.82	-5.52	1.79	1.22	1.26	1.76	0.14
		1901	9.45	7.55	-0.40	5.84	1.31	-3.27	0.80	0.32	0.69	0.42	0.20
1620	4	1900	12.23	9.67	-0.20	8.10	1.37	-3.61	1.06	0.23	0.88	0.41	0.34
		1881	21.74	16.27	-5.16	4.89	6.22	-10.69	0.80	0.58	0.62	0.77	-0.08
		1882	18.79	12.71	-6.26	0.71	5.74	-9.14	0.59	0.12	0.14	0.57	-0.09
		1901	11.78	8.10	-2.83	0.77	4.51	-5.13	-0.24	-0.94	-0.27	-0.92	-0.13
1621	1	1900	13.30	11.06	-1.26	4.99	4.81	-6.16	0.14	-0.74	0.12	-0.72	-0.14
		1882	42.95	25.55	-4.25	20.58	0.73	-11.11	5.70	3.91	4.07	5.54	0.51
		1883	39.85	20.94	-4.04	15.94	0.95	-9.99	5.75	3.73	3.76	5.72	0.24
		1902	25.51	17.10	-1.91	15.08	0.12	-5.87	2.53	1.76	2.23	2.06	0.37
1621	2	1901	30.51	21.10	-1.93	19.22	-0.05	-6.31	3.06	1.40	2.54	1.92	0.77
		1882	47.86	31.95	-16.26	1.72	13.97	-23.31	1.64	0.43	0.48	1.60	-0.22
		1883	45.59	24.83	-19.78	-8.03	13.07	-19.65	1.19	-0.59	-0.56	1.16	-0.22
		1902	31.25	15.02	-12.49	-7.72	10.26	-10.41	-1.72	-3.22	-1.80	-3.14	-0.34
1621	3	1901	29.84	19.80	-6.90	2.13	10.77	-12.63	-0.74	-2.70	-0.82	-2.62	-0.37
		1882	15.37	9.96	-1.88	6.25	1.83	-5.49	1.79	1.20	1.24	1.75	0.14
		1883	13.97	7.93	-2.02	4.15	1.76	-4.83	1.78	1.06	1.07	1.77	0.05
		1902	7.44	5.76	-0.64	3.88	1.24	-2.91	0.59	0.38	0.54	0.43	0.09
1621	4	1901	9.50	7.56	-0.41	5.85	1.30	-3.27	0.81	0.32	0.70	0.42	0.20
		1882	18.69	12.66	-6.25	0.66	5.75	-9.11	0.60	0.16	0.17	0.58	-0.08
		1883	17.73	9.94	-7.54	-2.96	5.35	-7.69	0.44	-0.22	-0.21	0.43	-0.08
		1902	12.07	6.24	-4.87	-2.87	4.24	-4.26	-0.62	-1.14	-0.66	-1.11	-0.12
1622	1	1901	11.75	8.12	-2.82	0.79	4.50	-5.14	-0.26	-0.95	-0.29	-0.92	-0.14
		1883	39.72	20.88	-4.03	15.90	0.95	-9.97	5.73	3.70	3.73	5.71	0.23
		1884	37.23	16.94	-3.80	12.01	1.13	-8.83	5.72	3.38	3.38	5.72	6.28e-03
		1903	22.02	13.65	-1.86	11.53	0.26	-5.33	2.16	1.95	1.98	2.14	0.07
1622	2	1902	25.62	17.13	-1.91	15.11	0.12	-5.87	2.55	1.76	2.25	2.06	0.38
		1883	45.52	24.76	-19.83	-8.15	13.07	-19.61	1.20	-0.56	-0.53	1.17	-0.22
		1884	47.51	19.69	-23.77	-16.45	12.36	-16.27	0.82	-1.41	-1.40	0.81	-0.20
		1903	33.47	12.38	-18.58	-16.03	9.83	-8.51	-2.59	-3.71	-2.69	-3.61	-0.32
1622	3	1902	31.17	15.04	-12.45	-7.66	10.25	-10.43	-1.73	-3.23	-1.82	-3.14	-0.35
		1883	13.95	7.90	-2.02	4.12	1.76	-4.82	1.78	1.06	1.06	1.77	0.05
		1884	12.97	6.21	-2.16	2.35	1.69	-4.17	1.75	0.89	0.89	1.75	-0.01
		1903	6.13	4.30	-0.91	2.20	1.19	-2.55	0.42	0.40	0.40	0.42	-2.60e-03
1622	4	1902	7.46	5.77	-0.64	3.89	1.24	-2.92	0.59	0.38	0.54	0.43	0.09
		1883	17.70	9.91	-7.56	-3.00	5.35	-7.67	0.44	-0.21	-0.20	0.43	-0.08
		1884	18.26	7.93	-8.98	-6.08	5.02	-6.38	0.30	-0.53	-0.52	0.29	-0.08
		1903	12.78	5.12	-7.06	-5.96	4.02	-3.49	-0.94	-1.33	-0.98	-1.29	-0.12
1623	1	1902	12.04	6.24	-4.85	-2.85	4.24	-4.27	-0.63	-1.15	-0.66	-1.11	-0.13
		1884	37.16	16.89	-3.81	11.96	1.12	-8.82	5.71	3.36	3.36	5.71	2.80e-03
		1885	35.01	13.55	-3.57	8.71	1.27	-7.71	5.60	2.99	3.00	5.59	-0.17
		1904	19.56	10.69	-1.79	8.49	0.41	-4.76	2.22	1.66	1.72	2.16	-0.18
1623	2	1903	22.07	13.68	-1.86	11.56	0.27	-5.34	2.17	1.96	1.98	2.14	0.07
		1884	47.54	19.65	-23.85	-16.55	12.35	-16.25	0.83	-1.40	-1.39	0.81	-0.21
		1885	51.70	16.21	-27.84	-23.46	11.83	-13.18	0.51	-2.12	-2.11	0.50	-0.19
		1904	41.09	10.89	-24.29	-22.91	9.51	-6.83	-3.31	-4.14	-3.43	-4.02	-0.29
1623	3	1903	33.49	12.39	-18.53	-15.97	9.83	-8.52	-2.59	-3.72	-2.69	-3.61	-0.33
		1884	12.96	6.19	-2.17	2.33	1.69	-4.17	1.75	0.89	0.89	1.75	-0.01
		1885	12.30	4.82	-2.32	0.85	1.64	-3.55	1.69	0.72	0.73	1.69	-0.07
		1904	5.53	3.17	-1.24	0.78	1.16	-2.20	0.43	0.23	0.27	0.39	-0.07
1623	4	1903	6.14	4.31	-0.90	2.21	1.19	-2.55	0.42	0.40	0.40	0.42	-2.22e-03
		1884	18.27	7.91	-9.01	-6.12	5.02	-6.37	0.30	-0.53	-0.52	0.29	-0.08
		1885	19.65	6.53	-10.44	-8.68	4.77	-5.17	0.19	-0.79	-0.79	0.18	-0.07
		1904	15.51	4.46	-9.13	-8.53	3.85	-2.81	-1.21	-1.49	-1.26	-1.44	-0.11
1624	1	1903	12.80	5.13	-7.05	-5.94	4.02	-3.50	-0.94	-1.33	-0.99	-1.29	-0.12
		1885	34.97	13.51	-3.58	8.67	1.26	-7.70	5.60	2.99	3.00	5.59	-0.17
		1886	32.97	10.70	-3.34	5.96	1.40	-6.64	5.40	2.61	2.64	5.36	-0.31
		1905	17.91	8.19	-1.71	5.91	0.57	-4.17	2.29	1.31	1.48	2.12	-0.37
1624	2	1904	19.59	10.72	-1.78	8.52	0.42	-4.76	2.22	1.66	1.73	2.16	-0.17
		1885	51.77	16.18	-27.91	-23.55	11.82	-13.17	0.52	-2.12	-2.10	0.50	-0.20
		1886	56.44	13.95	-31.58	-29.12	11.48	-10.30	0.26	-2.69	-2.68	0.25	-0.18
		1905	48.01	10.05	-29.16	-28.43	9.31	-5.31	-3.89	-4.50	-4.03	-4.36	-0.25
1624	3	1904	41.10	10.90	-24.25	-22.87	9.52	-6.84	-3.31	-4.15	-3.43	-4.02	-0.30
		1885	12.29	4.81	-2.33	0.83	1.64	-3.55	1.69	0.72	0.73	1.69	-0.07
		1886	11.83	3.74	-2.51	-0.39	1.62	-2.96	1.61	0.57	0.58	1.60	-0.11
		1905	5.50	2.38	-1.64	-0.41	1.15	-1.85	0.42	0.09	0.15	0.36	-0.13
1624	4	1904	5.53	3.18	-1.23	0.79	1.16	-2.20	0.43	0.23	0.27	0.39	-0.07
		1885	19.67	6.52	-10.46	-8.71	4.77	-5.17	0.19	-0.79	-0.78	0.18	-0.07
		1886	21.29	5.60	-11.78	-10.78	4.60	-4.04	0.09	-1.00	-1.00	0.09	-0.07
		1905	18.01	4.06	-10.91	-10.58	3.74	-2.19	-1.42	-1.62	-1.48	-1.56	-0.09
		1904	15.51	4.46	-9.12	-8.51	3.85	-2.81	-1.21	-1.49	-1.26	-1.44	-0.11



1625	1	1886	32.94	10.67	-3.36	5.92	1.39	-6.64	5.39	2.60	2.64	5.36	-0.31
		1887	31.00	8.34	-3.12	3.68	1.55	-5.63	5.11	2.23	2.29	5.05	-0.41
		1906	16.84	6.13	-1.64	3.74	0.75	-3.58	2.29	0.98	1.24	2.04	-0.52
		1905	17.93	8.21	-1.70	5.93	0.58	-4.17	2.29	1.31	1.48	2.12	-0.37
1625	2	1886	56.51	13.93	-31.64	-29.18	11.47	-10.29	0.26	-2.69	-2.68	0.25	-0.18
		1887	60.73	12.56	-34.69	-33.45	11.32	-7.55	0.07	-3.13	-3.12	0.06	-0.16
		1906	53.57	9.60	-32.99	-32.64	9.24	-3.89	-4.33	-4.77	-4.49	-4.61	-0.21
		1905	48.01	10.05	-29.13	-28.40	9.32	-5.31	-3.88	-4.50	-4.03	-4.36	-0.26
1625	3	1886	11.83	3.73	-2.52	-0.40	1.61	-2.96	1.61	0.57	0.58	1.60	-0.11
		1887	11.48	2.95	-2.71	-1.39	1.62	-2.40	1.52	0.42	0.44	1.50	-0.14
		1906	5.78	1.88	-2.08	-1.37	1.17	-1.51	0.40	-0.04	0.04	0.32	-0.17
		1905	5.50	2.38	-1.63	-0.40	1.15	-1.85	0.42	0.09	0.15	0.36	-0.13
1625	4	1886	21.31	5.59	-11.80	-10.80	4.60	-4.04	0.09	-1.00	-1.00	0.09	-0.07
		1887	22.80	5.02	-12.89	-12.39	4.51	-2.97	0.02	-1.17	-1.16	0.02	-0.06
		1906	20.03	3.84	-12.31	-12.15	3.68	-1.60	-1.57	-1.73	-1.65	-1.65	-0.08
		1905	18.00	4.07	-10.90	-10.57	3.74	-2.19	-1.42	-1.63	-1.48	-1.56	-0.10
1626	1	1887	30.98	8.32	-3.14	3.64	1.54	-5.63	5.11	2.23	2.29	5.05	-0.41
		1888	29.05	6.45	-2.91	1.81	1.73	-4.68	4.77	1.87	1.96	4.68	-0.49
		1907	16.12	4.52	-1.60	1.95	0.97	-3.02	2.24	0.69	1.02	1.91	-0.64
		1906	16.84	6.15	-1.63	3.76	0.76	-3.58	2.29	0.98	1.24	2.04	-0.52
1626	2	1887	60.79	12.55	-34.74	-33.50	11.31	-7.55	0.07	-3.13	-3.12	0.06	-0.17
		1888	64.03	11.83	-36.98	-36.49	11.34	-4.87	-0.06	-3.43	-3.43	-0.06	-0.14
		1907	57.51	9.43	-35.69	-35.55	9.29	-2.50	-4.62	-4.96	-4.80	-4.78	-0.17
		1906	53.56	9.60	-32.97	-32.61	9.25	-3.89	-4.32	-4.78	-4.49	-4.61	-0.22
1626	3	1887	11.48	2.94	-2.72	-1.40	1.61	-2.40	1.51	0.42	0.44	1.50	-0.14
		1888	11.18	2.41	-2.92	-2.17	1.66	-1.86	1.40	0.30	0.32	1.38	-0.16
		1907	6.15	1.60	-2.50	-2.12	1.22	-1.18	0.37	-0.15	-0.05	0.27	-0.20
		1906	5.78	1.88	-2.07	-1.36	1.17	-1.51	0.40	-0.04	0.04	0.32	-0.17
1626	4	1887	22.82	5.02	-12.91	-12.40	4.51	-2.97	0.02	-1.17	-1.16	0.02	-0.06
		1888	23.97	4.71	-13.72	-13.52	4.51	-1.91	-0.02	-1.28	-1.28	-0.03	-0.06
		1907	21.47	3.75	-13.30	-13.23	3.69	-1.03	-1.67	-1.81	-1.77	-1.72	-0.07
		1906	20.03	3.85	-12.30	-12.14	3.69	-1.60	-1.57	-1.74	-1.65	-1.65	-0.08
1627	1	1888	29.04	6.43	-2.93	1.78	1.72	-4.68	4.77	1.87	1.96	4.68	-0.49
		1889	27.09	5.00	-2.72	0.32	1.96	-3.77	4.38	1.54	1.65	4.27	-0.55
		1908	15.58	3.36	-1.62	0.51	1.22	-2.47	2.14	0.41	0.81	1.75	-0.73
		1907	16.12	4.53	-1.59	1.97	0.97	-3.02	2.24	0.69	1.02	1.91	-0.64
1627	2	1888	64.07	11.83	-37.01	-36.52	11.34	-4.88	-0.06	-3.43	-3.43	-0.06	-0.15
		1889	66.09	11.63	-38.35	-38.25	11.54	-2.20	-0.12	-3.60	-3.59	-0.12	-0.12
		1908	59.76	9.48	-37.23	-37.21	9.45	-1.11	-4.78	-5.05	-4.97	-4.86	-0.12
		1907	57.51	9.43	-35.68	-35.54	9.29	-2.50	-4.61	-4.97	-4.80	-4.78	-0.18
1627	3	1888	11.18	2.41	-2.93	-2.18	1.66	-1.86	1.40	0.30	0.32	1.38	-0.16
		1889	10.88	2.11	-3.11	-2.74	1.75	-1.33	1.28	0.19	0.21	1.25	-0.18
		1908	6.47	1.49	-2.85	-2.67	1.31	-0.86	0.33	-0.24	-0.12	0.21	-0.23
		1907	6.15	1.60	-2.49	-2.11	1.22	-1.18	0.37	-0.15	-0.05	0.27	-0.20
1627	4	1888	23.99	4.71	-13.73	-13.53	4.51	-1.92	-0.02	-1.28	-1.28	-0.03	-0.06
		1889	24.72	4.62	-14.21	-14.17	4.58	-0.86	-0.05	-1.34	-1.34	-0.05	-0.05
		1908	22.30	3.76	-13.86	-13.85	3.75	-0.46	-1.72	-1.85	-1.83	-1.74	-0.05
		1907	21.47	3.75	-13.29	-13.23	3.69	-1.03	-1.67	-1.82	-1.77	-1.72	-0.07
1628	1	1889	27.08	4.99	-2.74	0.30	1.95	-3.78	4.38	1.54	1.65	4.27	-0.55
		1890	25.12	4.00	-2.58	-0.83	2.24	-2.91	3.97	1.22	1.36	3.83	-0.59
		1909	15.08	2.66	-1.73	-0.60	1.53	-1.92	2.01	0.17	0.62	1.56	-0.79
		1908	15.58	3.37	-1.61	0.53	1.23	-2.47	2.14	0.41	0.81	1.75	-0.73
1628	2	1889	66.11	11.63	-38.37	-38.27	11.53	-2.20	-0.12	-3.60	-3.60	-0.12	-0.13
		1890	66.80	11.90	-38.76	-38.76	11.89	0.53	-0.12	-3.63	-3.62	-0.12	-0.10
		1909	60.28	9.73	-37.61	-37.61	9.72	0.34	-4.81	-5.02	-4.99	-4.84	-0.07
		1908	59.76	9.48	-37.23	-37.20	9.46	-1.11	-4.77	-5.06	-4.97	-4.86	-0.13
1628	3	1889	10.89	2.11	-3.11	-2.75	1.74	-1.33	1.28	0.19	0.21	1.25	-0.18
		1890	10.55	2.00	-3.25	-3.12	1.87	-0.81	1.16	0.09	0.13	1.12	-0.19
		1909	6.65	1.50	-3.09	-3.03	1.44	-0.53	0.29	-0.31	-0.18	0.16	-0.24
		1908	6.47	1.49	-2.84	-2.67	1.31	-0.86	0.33	-0.24	-0.12	0.21	-0.23
1628	4	1889	24.72	4.62	-14.22	-14.18	4.58	-0.86	-0.05	-1.34	-1.34	-0.05	-0.05
		1890	24.98	4.73	-14.36	-14.36	4.73	0.21	-0.05	-1.35	-1.35	-0.05	-0.04
		1909	22.50	3.87	-14.00	-14.00	3.86	0.14	-1.73	-1.85	-1.84	-1.74	-0.03
		1908	22.30	3.76	-13.86	-13.85	3.75	-0.46	-1.72	-1.86	-1.83	-1.74	-0.05
1629	1	1890	25.11	3.99	-2.60	-0.85	2.24	-2.91	3.97	1.22	1.36	3.83	-0.59
		1891	23.12	3.44	-2.50	-1.67	2.61	-2.07	3.53	0.93	1.09	3.38	-0.62
		1910	14.53	2.39	-1.91	-1.41	1.90	-1.37	1.85	-0.05	0.44	1.35	-0.83
		1909	15.08	2.67	-1.72	-0.58	1.53	-1.92	2.01	0.17	0.62	1.56	-0.79
1629	2	1890	66.81	11.90	-38.76	-38.75	11.89	0.53	-0.12	-3.63	-3.63	-0.12	-0.11
		1891	66.16	12.61	-38.22	-38.00	12.38	3.37	-0.05	-3.52	-3.52	-0.05	-0.08
		1910	59.08	10.16	-36.82	-36.74	10.08	1.90	-4.73	-4.88	-4.87	-4.73	-0.02
		1909	60.28	9.73	-37.61	-37.61	9.73	0.34	-4.81	-5.03	-4.99	-4.84	-0.08
1629	3	1890	10.55	2.00	-3.25	-3.13	1.87	-0.81	1.16	0.09	0.13	1.12	-0.19
		1891	10.15	2.06	-3.33	-3.32	2.05	-0.28	1.03	0.02	0.05	0.99	-0.19
		1910	6.65	1.61	-3.21	-3.21	1.60	-0.18	0.24	-0.36	-0.22	0.10	-0.25
		1909	6.65	1.50	-3.09	-3.03	1.44	-0.53	0.29	-0.31	-0.18	0.16	-0.24
1629	4	1890	24.99	4.74	-14.36	-14.36	4.73	0.21	-0.05	-1.35	-1.35	-0.05	-0.04



		1891	24.78	5.04	-14.17	-14.08	4.95	1.33	-0.02	-1.31	-1.31	-0.02	-0.04
		1910	22.06	4.06	-13.71	-13.67	4.02	0.79	-1.70	-1.80	-1.80	-1.70	-0.01
		1909	22.49	3.87	-14.00	-14.00	3.87	0.14	-1.73	-1.85	-1.84	-1.74	-0.03
1630	1	1891	23.12	3.43	-2.52	-1.69	2.60	-2.06	3.53	0.93	1.09	3.37	-0.62
		1892	21.12	3.32	-2.50	-2.23	3.05	-1.23	3.09	0.67	0.85	2.91	-0.63
		1911	13.87	2.49	-2.09	-1.94	2.34	-0.81	1.67	-0.25	0.29	1.12	-0.86
		1910	14.53	2.40	-1.89	-1.40	1.90	-1.37	1.85	-0.05	0.44	1.35	-0.83
1630	2	1891	66.17	12.61	-38.20	-37.97	12.39	3.37	-0.05	-3.52	-3.52	-0.05	-0.09
		1892	64.25	13.80	-36.77	-35.96	12.98	6.38	0.09	-3.27	-3.27	0.09	-0.06
		1911	56.20	10.78	-34.89	-34.60	10.49	3.61	-4.52	-4.62	-4.61	-4.53	0.03
		1910	59.07	10.16	-36.83	-36.76	10.08	1.90	-4.72	-4.88	-4.87	-4.73	-0.03
1630	3	1891	10.15	2.06	-3.33	-3.32	2.05	-0.28	1.03	0.02	0.05	0.99	-0.19
		1892	9.69	2.29	-3.34	-3.33	2.27	0.27	0.91	-0.04	-1.37e-04	0.86	-0.20
		1911	6.47	1.81	-3.20	-3.20	1.80	0.18	0.20	-0.40	-0.25	0.05	-0.26
		1910	6.66	1.61	-3.21	-3.20	1.60	-0.18	0.24	-0.36	-0.22	0.10	-0.26
1630	4	1891	24.78	5.04	-14.16	-14.07	4.95	1.33	-0.02	-1.31	-1.31	-0.02	-0.04
		1892	24.13	5.55	-13.66	-13.32	5.22	2.52	0.03	-1.22	-1.22	0.03	-0.03
		1911	21.03	4.35	-13.00	-12.88	4.22	1.49	-1.62	-1.70	-1.70	-1.62	5.50e-03
		1910	22.06	4.06	-13.71	-13.68	4.03	0.79	-1.70	-1.80	-1.80	-1.70	-0.02
1631	1	1892	21.12	3.32	-2.52	-2.24	3.04	-1.23	3.09	0.67	0.85	2.91	-0.64
		1893	19.13	3.62	-2.56	-2.53	3.60	-0.40	2.64	0.42	0.63	2.44	-0.64
		1912	13.06	2.87	-2.22	-2.21	2.86	-0.23	1.48	-0.43	0.16	0.89	-0.88
		1911	13.86	2.49	-2.08	-1.93	2.34	-0.82	1.67	-0.25	0.29	1.12	-0.86
1631	2	1892	64.31	13.81	-36.74	-35.92	12.99	6.39	0.08	-3.29	-3.28	0.08	-0.06
		1893	61.27	15.56	-34.53	-32.61	13.64	9.61	0.29	-2.87	-2.87	0.29	-0.04
		1912	51.76	11.64	-31.87	-31.16	10.93	5.51	-4.13	-4.31	-4.20	-4.23	0.09
		1911	56.16	10.78	-34.91	-34.63	10.50	3.61	-4.52	-4.60	-4.60	-4.52	0.02
1631	3	1892	9.69	2.28	-3.34	-3.33	2.27	0.27	0.90	-0.04	-5.35e-04	0.86	-0.20
		1893	9.17	2.66	-3.29	-3.17	2.55	0.83	0.78	-0.08	-0.04	0.74	-0.20
		1912	6.11	2.11	-3.07	-3.01	2.05	0.57	0.16	-0.42	-0.26	4.74e-04	-0.26
		1911	6.48	1.81	-3.20	-3.19	1.80	0.18	0.20	-0.40	-0.25	0.05	-0.26
1631	4	1892	24.15	5.56	-13.65	-13.31	5.22	2.52	0.03	-1.23	-1.23	0.02	-0.03
		1893	23.12	6.31	-12.87	-12.08	5.52	3.79	0.10	-1.07	-1.07	0.10	-0.02
		1912	19.44	4.75	-11.90	-11.59	4.44	2.27	-1.50	-1.56	-1.55	-1.52	0.03
		1911	21.01	4.35	-13.01	-12.88	4.22	1.49	-1.62	-1.70	-1.70	-1.62	1.04e-03
1632	1	1893	19.12	3.61	-2.57	-2.54	3.59	-0.40	2.65	0.43	0.63	2.44	-0.65
		1894	17.17	4.28	-2.63	-2.60	4.26	0.44	2.21	0.20	0.43	1.97	-0.64
		1913	12.09	3.52	-2.26	-2.23	3.50	0.38	1.29	-0.58	0.05	0.66	-0.88
		1912	13.06	2.88	-2.21	-2.20	2.87	-0.23	1.47	-0.43	0.15	0.89	-0.88
1632	2	1893	61.48	15.57	-34.48	-32.55	13.65	9.63	0.28	-2.92	-2.92	0.28	-0.03
		1894	57.55	18.03	-31.66	-27.93	14.30	13.10	0.57	-2.32	-2.32	0.57	-0.01
		1913	46.05	12.82	-27.85	-26.37	11.34	7.61	-3.58	-3.93	-3.66	-3.86	0.14
		1912	51.62	11.64	-31.90	-31.19	10.93	5.50	-4.13	-4.27	-4.17	-4.23	0.07
1632	3	1893	9.16	2.66	-3.29	-3.17	2.54	0.83	0.78	-0.09	-0.04	0.74	-0.20
		1894	8.61	3.20	-3.17	-2.84	2.87	1.42	0.67	-0.11	-0.05	0.62	-0.20
		1913	5.58	2.53	-2.84	-2.65	2.34	0.99	0.13	-0.43	-0.25	-0.04	-0.26
		1912	6.11	2.11	-3.07	-3.01	2.05	0.57	0.16	-0.42	-0.26	6.18e-04	-0.26
1632	4	1893	23.20	6.31	-12.85	-12.06	5.52	3.80	0.10	-1.09	-1.09	0.10	-0.02
		1894	21.89	7.35	-11.85	-10.34	5.84	5.17	0.20	-0.87	-0.87	0.20	-0.01
		1913	17.41	5.31	-10.45	-9.80	4.66	3.13	-1.32	-1.41	-1.35	-1.38	0.05
		1912	19.38	4.75	-11.91	-11.60	4.44	2.27	-1.50	-1.55	-1.54	-1.52	0.02
1633	1	1894	17.14	4.27	-2.64	-2.61	4.24	0.45	2.22	0.21	0.45	1.98	-0.65
		1895	15.35	5.27	-2.68	-2.47	5.05	1.29	1.79	-0.02	0.25	1.52	-0.64
		1914	11.32	4.42	-2.21	-2.04	4.26	1.04	1.10	-0.71	-0.03	0.43	-0.88
		1913	12.11	3.53	-2.25	-2.22	3.50	0.38	1.28	-0.59	0.03	0.65	-0.88
1633	2	1894	58.30	18.06	-31.60	-27.84	14.30	13.14	0.53	-2.47	-2.47	0.53	0.02
		1895	53.55	21.43	-28.38	-21.83	14.88	16.84	0.92	-1.55	-1.55	0.92	-6.80e-03
		1914	39.77	14.52	-23.04	-20.20	11.68	9.93	-2.94	-3.49	-3.02	-3.41	0.20
		1913	45.57	12.83	-27.88	-26.41	11.35	7.61	-3.53	-3.89	-3.58	-3.84	0.12
1633	3	1894	8.62	3.20	-3.17	-2.84	2.86	1.43	0.67	-0.11	-0.06	0.62	-0.20
		1895	8.09	3.89	-3.01	-2.34	3.23	2.03	0.57	-0.11	-0.05	0.51	-0.20
		1914	6.26	3.07	-2.52	-2.12	2.67	1.44	0.11	-0.42	-0.23	-0.08	-0.25
		1913	5.58	2.53	-2.84	-2.65	2.34	0.98	0.13	-0.43	-0.25	-0.04	-0.26
1633	4	1894	22.16	7.36	-11.83	-10.31	5.84	5.18	0.19	-0.93	-0.93	0.19	5.96e-04
		1895	20.60	8.76	-10.70	-8.08	6.14	6.64	0.33	-0.58	-0.58	0.33	-9.00e-03
		1914	15.24	6.09	-8.72	-7.50	4.87	4.07	-1.08	-1.25	-1.11	-1.22	0.07
		1913	17.24	5.31	-10.46	-9.82	4.67	3.13	-1.30	-1.39	-1.32	-1.37	0.04
1634	1	1895	15.25	5.24	-2.70	-2.48	5.02	1.31	1.83	0.04	0.32	1.54	-0.65
		1896	13.91	6.55	-2.70	-2.17	6.02	2.15	1.40	-0.24	0.06	1.10	-0.63
		1915	12.70	5.58	-2.08	-1.65	5.16	1.75	0.93	-0.80	-0.09	0.22	-0.85
		1914	11.23	4.44	-2.19	-2.03	4.28	1.03	1.07	-0.74	-0.08	0.41	-0.87
1634	2	1895	55.99	21.51	-28.37	-21.73	14.87	16.94	0.81	-2.06	-2.06	0.81	0.08
		1896	49.46	25.87	-24.80	-14.08	15.15	20.69	1.36	-0.39	-0.38	1.36	-0.05
		1915	34.52	17.09	-17.94	-12.82	11.97	12.38	-2.33	-2.95	-2.42	-2.86	0.21
		1914	38.40	14.54	-23.05	-20.21	11.70	9.93	-2.70	-3.42	-2.75	-3.37	0.18
1634	3	1895	8.14	3.89	-3.01	-2.34	3.22	2.05	0.57	-0.13	-0.07	0.51	-0.19
		1896	7.63	4.74	-2.78	-1.68	3.64	2.65	0.49	-0.10	-0.02	0.41	-0.20



		1915	6.99	3.76	-2.15	-1.45	3.06	1.91	0.10	-0.40	-0.20	-0.10	-0.24
		1914	6.27	3.08	-2.52	-2.12	2.68	1.43	0.11	-0.41	-0.22	-0.08	-0.25
1634	4	1895	21.49	8.79	-10.69	-8.04	6.14	6.68	0.29	-0.77	-0.77	0.29	0.02
		1896	19.32	10.55	-9.42	-5.21	6.34	8.15	0.49	-0.15	-0.15	0.49	-0.02
		1915	13.53	7.22	-6.90	-4.76	5.08	5.06	-0.85	-1.05	-0.89	-1.02	0.07
		1914	14.74	6.10	-8.73	-7.51	4.88	4.07	-0.99	-1.22	-1.01	-1.20	0.06
1635	1	1896	13.71	6.47	-2.75	-2.19	5.90	2.21	1.55	-0.06	0.28	1.20	-0.66
		1897	12.99	8.22	-2.64	-1.73	7.31	3.00	1.03	-0.54	-0.17	0.66	-0.67
		1916	14.12	6.95	-1.92	-1.08	6.12	2.59	0.84	-0.81	-0.11	0.14	-0.82
		1915	12.62	5.66	-2.02	-1.62	5.26	1.70	0.82	-0.91	-0.22	0.13	-0.85
1635	2	1896	55.91	26.32	-24.88	-14.00	15.43	20.95	1.00	-2.05	-2.04	0.99	0.13
		1897	45.61	30.05	-20.33	-3.98	13.69	23.59	1.80	1.38	1.52	1.65	-0.20
		1916	32.02	20.92	-13.31	-5.60	13.21	14.30	-1.66	-1.94	-1.80	-1.81	0.14
		1915	35.37	17.09	-17.93	-12.57	11.73	12.61	-1.60	-2.82	-1.66	-2.77	0.26
1635	3	1896	7.89	4.75	-2.81	-1.68	3.62	2.70	0.48	-0.14	-0.07	0.42	-0.19
		1897	8.30	5.60	-2.39	-0.79	4.01	3.19	0.44	-0.07	0.05	0.32	-0.22
		1916	7.60	4.61	-1.80	-0.74	3.54	2.38	0.13	-0.35	-0.15	-0.06	-0.24
		1915	7.04	3.78	-2.12	-1.42	3.07	1.91	0.09	-0.39	-0.18	-0.12	-0.24
1635	4	1896	21.67	10.72	-9.46	-5.18	6.44	8.25	0.36	-0.77	-0.76	0.36	0.04
		1897	18.04	12.22	-7.78	-1.46	5.90	9.29	0.67	0.50	0.56	0.61	-0.08
		1916	12.97	8.80	-5.23	-2.07	5.64	5.85	-0.60	-0.69	-0.65	-0.63	0.05
		1915	13.95	7.22	-6.89	-4.66	4.99	5.15	-0.59	-1.00	-0.61	-0.98	0.09
1636	1	1897	14.87	8.09	-4.13	-2.94	6.90	3.62	1.39	-0.22	0.26	0.91	-0.73
		172	12.44	9.71	-0.32	1.26	8.13	3.65	0.51	-0.47	-0.19	0.23	-0.44
		286	17.73	8.81	-2.24	-1.44	8.01	2.85	1.20	-0.68	0.44	0.08	-0.92
		1916	13.68	6.98	-1.01	-0.30	6.27	2.28	0.65	-1.06	-0.41	6.58e-03	-0.83
1636	2	1897	46.81	33.52	-15.23	2.65	15.64	23.49	0.23	-2.73	-2.71	0.21	-0.20
		172	43.41	23.88	-15.66	-1.31	9.53	19.01	4.69	1.57	4.68	1.58	0.10
		286	40.08	27.60	-13.39	1.65	12.56	19.75	2.29	0.90	2.26	0.93	0.21
		1916	33.05	19.91	-16.02	-8.37	12.27	14.70	-0.63	-1.19	-0.64	-1.18	0.08
1636	3	1897	8.60	5.81	-2.43	-0.64	4.03	3.39	0.41	-0.22	-0.11	0.30	-0.23
		172	7.58	5.75	-1.45	0.29	4.01	3.08	0.39	0.12	0.29	0.22	-0.13
		286	9.32	5.63	-1.76	-0.31	4.18	2.94	0.45	-0.13	0.25	0.07	-0.27
		1916	7.52	4.54	-1.73	-0.71	3.52	2.32	0.14	-0.34	-0.15	-0.05	-0.24
1636	4	1897	18.57	13.51	-5.88	1.01	6.62	9.28	0.10	-1.00	-1.00	0.10	-0.08
		172	17.09	9.99	-6.03	-0.47	4.43	7.63	1.74	0.62	1.73	0.62	0.03
		286	15.88	11.39	-5.25	0.61	5.52	7.95	0.80	0.32	0.79	0.32	0.06
		1916	13.39	8.42	-6.23	-3.11	5.30	6.00	-0.21	-0.41	-0.21	-0.41	0.03
1637	1	248	70.20	35.16	0.21	33.45	1.93	-7.54	9.10	-0.05	6.12	2.93	4.29
		1898	48.50	36.99	-0.85	35.81	0.33	-6.56	4.21	0.17	2.70	1.67	1.95
		1917	53.62	27.86	-0.27	27.82	-0.23	-1.05	3.42	-3.16	2.10	-1.84	2.64
		195	57.25	41.43	-1.39	41.19	-1.15	-3.22	2.77	-3.27	0.93	-1.42	2.78
1637	2	248	95.34	58.21	1.59	41.37	18.42	-25.88	8.98	4.90	8.95	4.92	-0.31
		1898	67.29	52.29	0.37	38.38	14.28	-22.99	2.69	-0.23	2.51	-0.05	-0.70
		1917	52.00	44.29	7.99	42.96	9.33	-6.83	2.25	0.25	1.67	0.83	-0.91
		195	116.60	68.88	-4.23	61.04	3.61	-22.62	8.14	0.24	8.08	0.30	-0.71
1637	3	248	24.85	14.90	0.84	12.98	2.76	-4.83	3.28	0.50	2.49	1.29	1.25
		1898	17.64	14.89	0.50	13.48	1.91	-4.28	1.35	0.19	1.01	0.53	0.53
		1917	17.51	11.67	1.12	11.46	1.33	-1.45	1.07	-0.83	0.74	-0.50	0.72
		195	23.17	17.44	0.06	16.79	0.71	-3.30	1.24	-0.78	0.88	-0.42	0.77
1637	4	248	35.96	22.45	0.53	15.33	7.65	-10.26	3.33	1.87	3.33	1.87	-0.11
		1898	25.62	20.17	0.12	14.24	6.05	-9.15	1.02	-0.05	0.95	0.02	-0.26
		1917	19.56	16.74	3.36	15.95	4.16	-3.17	0.82	0.08	0.61	0.29	-0.33
		195	43.53	26.09	-1.30	22.68	2.12	-9.05	3.03	0.07	3.00	0.09	-0.27
1638	1	1898	53.77	36.12	-1.18	34.99	-0.04	-6.41	5.01	-0.12	3.47	1.41	2.35
		1899	43.79	30.63	-1.92	29.23	-0.52	-6.61	4.10	0.30	2.93	1.47	1.75
		1918	41.18	24.52	0.05	24.41	0.16	-1.66	2.93	-1.64	1.87	-0.59	1.93
		1917	48.27	28.82	-0.32	28.78	-0.28	-1.09	3.09	-2.71	1.44	-1.06	2.61
1638	2	1898	68.48	52.58	0.87	39.06	14.40	-22.73	2.81	-0.46	2.63	-0.28	-0.74
		1899	49.76	38.41	-0.33	26.26	11.82	-17.98	1.84	-1.43	1.80	-1.39	-0.36
		1918	33.92	25.03	8.69	23.64	10.08	-4.56	2.53	1.41	1.98	1.96	-0.56
		1917	63.89	40.55	6.34	38.98	7.91	-7.15	5.09	2.01	4.94	2.16	-0.67
1638	3	1898	18.93	14.68	0.42	13.29	1.81	-4.22	1.60	0.09	1.24	0.44	0.64
		1899	15.31	12.03	-0.01	10.62	1.39	-3.87	1.29	0.11	1.02	0.38	0.49
		1918	13.01	9.25	1.17	8.99	1.42	-1.41	0.98	-0.32	0.70	-0.04	0.53
		1917	16.89	11.65	0.99	11.44	1.19	-1.46	1.19	-0.56	0.80	-0.17	0.73
1638	4	1898	26.07	20.28	0.31	14.50	6.09	-9.06	1.06	-0.13	0.99	-0.06	-0.28
		1899	18.96	15.00	-0.21	9.74	5.05	-7.24	0.70	-0.48	0.68	-0.47	-0.13
		1918	13.06	9.72	3.41	8.77	4.36	-2.26	0.93	0.52	0.73	0.72	-0.21
		1917	23.91	15.37	2.71	14.46	3.62	-3.26	1.88	0.73	1.83	0.79	-0.24
1639	1	1899	44.61	30.70	-1.70	29.27	-0.27	-6.65	4.21	0.33	3.08	1.47	1.77
		1900	36.58	25.53	-1.90	23.86	-0.23	-6.55	3.60	0.92	2.78	1.73	1.23
		1919	32.75	20.47	-0.24	20.26	-0.03	-2.09	2.16	-1.26	1.48	-0.57	1.37
		1918	39.95	24.37	-0.23	24.27	-0.13	-1.54	2.73	-1.79	1.56	-0.63	1.97
1639	2	1899	49.18	38.97	-0.37	26.29	12.31	-18.39	1.45	-1.55	1.38	-1.48	-0.45
		1900	34.31	27.49	-2.81	13.39	11.29	-15.12	0.52	-2.09	0.47	-2.04	-0.36
		1919	21.17	13.08	6.91	10.44	9.55	-3.06	1.91	0.76	1.20	1.48	-0.56



		1918	38.50	24.43	8.12	23.25	9.30	-4.23	3.36	1.89	3.05	2.20	-0.61
1639	3	1899	15.39	12.09	0.06	10.64	1.51	-3.92	1.29	0.11	1.03	0.37	0.49
		1900	12.17	9.62	-0.19	8.07	1.36	-3.59	1.05	0.23	0.87	0.41	0.34
		1919	9.62	7.08	0.92	6.76	1.24	-1.36	0.70	-0.24	0.52	-0.07	0.37
1639	4	1918	12.98	9.15	1.04	8.92	1.27	-1.33	0.98	-0.32	0.69	-0.03	0.54
		1899	18.81	15.23	-0.24	9.76	5.24	-7.39	0.55	-0.53	0.53	-0.50	-0.17
		1900	13.35	10.99	-1.25	4.97	4.77	-6.12	0.21	-0.73	0.19	-0.71	-0.13
		1919	8.54	5.61	2.32	3.85	4.08	-1.64	0.70	0.28	0.44	0.54	-0.20
1640	1	1918	14.67	9.46	3.22	8.62	4.06	-2.13	1.24	0.69	1.13	0.81	-0.22
		1900	36.65	25.58	-1.85	23.89	-0.16	-6.58	3.60	0.93	2.79	1.74	1.22
		1901	30.30	21.03	-1.91	19.15	-0.03	-6.29	3.04	1.41	2.51	1.94	0.77
		1920	26.25	16.83	-0.43	16.52	-0.12	-2.29	1.61	-0.92	1.22	-0.53	0.91
		1919	32.55	20.41	-0.33	20.22	-0.13	-2.02	2.12	-1.31	1.40	-0.59	1.40
1640	2	1900	34.09	27.72	-2.79	13.50	11.43	-15.22	0.34	-2.13	0.28	-2.07	-0.37
		1901	29.83	19.70	-6.92	2.05	10.73	-12.58	-0.69	-2.68	-0.76	-2.61	-0.37
		1920	16.96	9.66	-1.18	-0.77	9.24	-2.07	1.16	-0.15	0.19	0.83	-0.57
		1919	22.06	12.69	6.85	10.24	9.31	-2.88	2.13	0.94	1.53	1.55	-0.60
1640	3	1900	12.14	9.66	-0.18	8.09	1.39	-3.60	1.04	0.23	0.86	0.41	0.33
		1901	9.46	7.53	-0.41	5.82	1.30	-3.26	0.81	0.32	0.70	0.43	0.20
		1920	6.81	5.20	0.71	4.80	1.11	-1.28	0.47	-0.19	0.37	-0.10	0.23
		1919	9.66	7.03	0.89	6.74	1.18	-1.32	0.70	-0.25	0.53	-0.07	0.37
1640	4	1900	13.29	11.08	-1.25	5.01	4.83	-6.16	0.14	-0.74	0.12	-0.72	-0.14
		1901	11.74	8.08	-2.83	0.75	4.49	-5.13	-0.24	-0.95	-0.27	-0.92	-0.13
		1920	7.09	4.21	-0.65	-0.32	3.88	-1.22	0.42	-0.06	0.07	0.30	-0.21
		1919	8.82	5.46	2.30	3.78	3.98	-1.57	0.78	0.35	0.56	0.57	-0.22
1641	1	1901	30.33	21.06	-1.90	19.17	-0.01	-6.30	3.04	1.41	2.51	1.94	0.76
		1902	25.51	17.08	-1.90	15.05	0.13	-5.86	2.55	1.77	2.24	2.07	0.38
		1921	20.84	13.51	-0.51	13.12	-0.12	-2.31	1.20	-0.59	1.03	-0.43	0.52
		1920	26.20	16.78	-0.46	16.48	-0.16	-2.25	1.60	-0.93	1.21	-0.54	0.92
1641	2	1901	29.96	19.82	-6.88	2.15	10.79	-12.63	-0.75	-2.69	-0.82	-2.62	-0.35
		1902	31.16	14.99	-12.49	-7.74	10.23	-10.40	-1.72	-3.23	-1.80	-3.14	-0.35
		1921	23.53	9.09	-10.47	-10.37	8.99	-1.40	0.44	-1.05	-0.80	0.19	-0.56
		1920	16.77	9.50	-1.31	-0.93	9.13	-1.98	1.21	-0.08	0.29	0.85	-0.58
1641	3	1901	9.46	7.55	-0.40	5.84	1.31	-3.27	0.80	0.32	0.70	0.43	0.20
		1902	7.43	5.75	-0.64	3.87	1.24	-2.91	0.59	0.38	0.54	0.43	0.09
		1921	4.45	3.60	0.48	3.06	1.01	-1.18	0.28	-0.15	0.24	-0.12	0.11
		1920	6.81	5.17	0.69	4.78	1.08	-1.26	0.47	-0.20	0.38	-0.10	0.23
1641	4	1901	11.79	8.12	-2.82	0.79	4.52	-5.14	-0.26	-0.95	-0.29	-0.92	-0.13
		1902	12.04	6.22	-4.87	-2.88	4.23	-4.25	-0.62	-1.15	-0.66	-1.11	-0.13
		1921	9.30	3.82	-4.00	-3.90	3.71	-0.90	0.16	-0.39	-0.30	0.07	-0.20
		1920	7.02	4.14	-0.69	-0.38	3.83	-1.18	0.44	-0.03	0.10	0.31	-0.21
1642	1	1902	25.53	17.10	-1.89	15.07	0.14	-5.86	2.55	1.77	2.24	2.07	0.38
		1903	22.01	13.64	-1.85	11.52	0.27	-5.33	2.17	1.95	1.98	2.15	0.07
		1922	16.37	10.53	-0.53	10.07	-0.06	-2.22	0.90	-0.32	0.87	-0.29	0.19
		1921	20.81	13.47	-0.53	13.08	-0.14	-2.29	1.20	-0.60	1.03	-0.43	0.52
1642	2	1902	31.23	15.05	-12.44	-7.66	10.27	-10.42	-1.74	-3.22	-1.82	-3.14	-0.34
		1903	33.49	12.36	-18.58	-16.04	9.82	-8.50	-2.58	-3.71	-2.69	-3.61	-0.33
		1922	33.00	8.81	-18.49	-18.46	8.78	-0.95	-0.22	-1.87	-1.69	-0.41	-0.52
		1921	23.41	9.01	-10.59	-10.49	8.92	-1.35	0.45	-1.03	-0.77	0.19	-0.56
1642	3	1902	7.44	5.76	-0.63	3.88	1.25	-2.91	0.59	0.38	0.54	0.43	0.09
		1903	6.13	4.29	-0.91	2.20	1.19	-2.55	0.42	0.40	0.40	0.42	-2.27e-03
		1922	2.72	2.34	0.15	1.53	0.95	-1.05	0.13	-0.12	0.13	-0.12	0.02
		1921	4.43	3.57	0.47	3.04	1.00	-1.16	0.28	-0.15	0.24	-0.12	0.12
1642	4	1902	12.07	6.25	-4.85	-2.85	4.25	-4.26	-0.63	-1.15	-0.66	-1.11	-0.12
		1903	12.80	5.12	-7.07	-5.97	4.02	-3.49	-0.94	-1.33	-0.98	-1.29	-0.12
		1922	12.65	3.62	-6.96	-6.92	3.57	-0.68	-0.09	-0.70	-0.63	-0.15	-0.19
		1921	9.25	3.79	-4.05	-3.94	3.69	-0.89	0.16	-0.38	-0.29	0.07	-0.20
1643	1	1903	22.02	13.66	-1.84	11.53	0.28	-5.33	2.17	1.95	1.98	2.15	0.07
		1904	19.56	10.68	-1.78	8.48	0.42	-4.75	2.22	1.66	1.72	2.16	-0.18
		1923	12.91	7.92	-0.50	7.38	0.04	-2.06	0.73	-0.14	0.73	-0.14	-0.08
		1922	16.34	10.50	-0.54	10.04	-0.08	-2.21	0.90	-0.32	0.87	-0.29	0.20
1643	2	1903	33.45	12.40	-18.53	-15.98	9.84	-8.51	-2.59	-3.71	-2.69	-3.61	-0.32
		1904	41.13	10.88	-24.30	-22.92	9.51	-6.82	-3.31	-4.14	-3.43	-4.02	-0.30
		1923	41.85	8.63	-25.15	-25.14	8.62	-0.66	-0.80	-2.58	-2.45	-0.93	-0.47
		1922	32.99	8.76	-18.59	-18.56	8.73	-0.92	-0.22	-1.86	-1.68	-0.41	-0.52
1643	3	1903	6.13	4.30	-0.90	2.21	1.19	-2.55	0.42	0.40	0.40	0.42	-1.85e-03
		1904	5.53	3.17	-1.24	0.78	1.16	-2.20	0.43	0.23	0.27	0.40	-0.07
		1923	2.21	1.56	-0.42	0.22	0.92	-0.93	0.05	-0.13	0.03	-0.11	-0.06
		1922	2.69	2.32	0.14	1.52	0.94	-1.05	0.13	-0.12	0.13	-0.12	0.02
1643	4	1903	12.78	5.13	-7.05	-5.94	4.03	-3.50	-0.95	-1.33	-0.99	-1.29	-0.12
		1904	15.52	4.46	-9.14	-8.53	3.85	-2.81	-1.21	-1.49	-1.26	-1.44	-0.11
		1923	15.86	3.48	-9.44	-9.41	3.46	-0.51	-0.30	-0.96	-0.91	-0.34	-0.17
		1922	12.65	3.60	-7.00	-6.96	3.55	-0.67	-0.09	-0.69	-0.63	-0.15	-0.19
1644	1	1904	19.56	10.70	-1.77	8.50	0.42	-4.75	2.22	1.66	1.72	2.16	-0.17
		1905	17.91	8.18	-1.70	5.90	0.58	-4.16	2.29	1.31	1.48	2.13	-0.37
		1924	10.60	5.67	-0.45	5.04	0.18	-1.87	0.72	-0.12	0.60	9.27e-03	-0.30
		1923	12.88	7.89	-0.51	7.35	0.03	-2.06	0.73	-0.14	0.73	-0.13	-0.07



1644	2	1904	41.07	10.91	-24.25	-22.87	9.52	-6.83	-3.31	-4.14	-3.43	-4.02	-0.29
		1905	48.05	10.04	-29.17	-28.44	9.31	-5.30	-3.88	-4.50	-4.03	-4.35	-0.26
		1924	49.26	8.53	-30.47	-30.47	8.52	-0.49	-1.28	-3.15	-3.06	-1.37	-0.40
		1923	41.87	8.60	-25.23	-25.22	8.58	-0.65	-0.80	-2.57	-2.44	-0.93	-0.46
1644	3	1904	5.53	3.18	-1.23	0.78	1.16	-2.20	0.43	0.23	0.27	0.40	-0.07
		1905	5.50	2.38	-1.64	-0.41	1.15	-1.85	0.42	0.09	0.15	0.36	-0.13
		1924	2.97	1.22	-1.19	-0.89	0.92	-0.80	0.04	-0.20	-0.06	-0.10	-0.12
		1923	2.20	1.55	-0.43	0.21	0.91	-0.92	0.05	-0.13	0.03	-0.11	-0.06
1644	4	1904	15.50	4.47	-9.12	-8.51	3.86	-2.81	-1.21	-1.49	-1.26	-1.44	-0.11
		1905	18.02	4.06	-10.91	-10.58	3.74	-2.19	-1.42	-1.63	-1.48	-1.56	-0.10
		1924	18.57	3.40	-11.42	-11.41	3.39	-0.39	-0.47	-1.17	-1.14	-0.50	-0.15
		1923	15.87	3.47	-9.47	-9.45	3.45	-0.51	-0.30	-0.96	-0.91	-0.34	-0.17
1645	1	1905	17.91	8.19	-1.70	5.92	0.58	-4.16	2.29	1.31	1.48	2.12	-0.37
		1906	16.83	6.13	-1.63	3.74	0.76	-3.58	2.30	0.98	1.24	2.04	-0.52
		1925	9.52	3.83	-0.43	3.04	0.37	-1.66	0.81	-0.20	0.48	0.13	-0.48
		1924	10.57	5.65	-0.46	5.01	0.18	-1.87	0.72	-0.11	0.60	9.73e-03	-0.30
1645	2	1905	48.00	10.06	-29.14	-28.40	9.32	-5.31	-3.89	-4.49	-4.03	-4.36	-0.25
		1906	53.59	9.60	-33.00	-32.64	9.24	-3.88	-4.32	-4.78	-4.49	-4.61	-0.22
		1925	55.01	8.50	-34.51	-34.50	8.49	-0.36	-1.65	-3.59	-3.53	-1.70	-0.32
		1924	49.29	8.50	-30.54	-30.53	8.50	-0.48	-1.28	-3.15	-3.06	-1.37	-0.39
1645	3	1905	5.50	2.38	-1.63	-0.40	1.15	-1.85	0.42	0.09	0.15	0.36	-0.13
		1906	5.79	1.88	-2.07	-1.37	1.17	-1.51	0.40	-0.04	0.04	0.32	-0.17
		1925	4.03	1.10	-1.95	-1.80	0.94	-0.67	0.06	-0.27	-0.13	-0.08	-0.17
		1924	2.97	1.21	-1.20	-0.90	0.91	-0.80	0.04	-0.20	-0.06	-0.10	-0.12
1645	4	1905	18.00	4.07	-10.90	-10.57	3.74	-2.19	-1.42	-1.62	-1.48	-1.56	-0.09
		1906	20.04	3.84	-12.31	-12.15	3.68	-1.60	-1.57	-1.74	-1.65	-1.65	-0.08
		1925	20.69	3.35	-12.92	-12.92	3.35	-0.29	-0.61	-1.34	-1.32	-0.63	-0.12
		1924	18.58	3.39	-11.44	-11.43	3.38	-0.39	-0.47	-1.17	-1.14	-0.50	-0.15
1646	1	1906	16.83	6.14	-1.62	3.75	0.76	-3.58	2.29	0.98	1.24	2.04	-0.52
		1907	16.11	4.52	-1.59	1.95	0.97	-3.01	2.24	0.69	1.02	1.91	-0.64
		1926	9.48	2.47	-0.51	1.38	0.58	-1.44	0.93	-0.33	0.36	0.24	-0.62
		1925	9.50	3.81	-0.44	3.02	0.36	-1.66	0.81	-0.20	0.48	0.14	-0.48
1646	2	1906	53.56	9.61	-32.97	-32.62	9.25	-3.89	-4.33	-4.77	-4.49	-4.61	-0.21
		1907	57.54	9.43	-35.70	-35.56	9.29	-2.50	-4.61	-4.97	-4.80	-4.78	-0.18
		1926	59.04	8.55	-37.28	-37.28	8.54	-0.26	-1.89	-3.88	-3.85	-1.92	-0.23
		1925	55.04	8.48	-34.55	-34.55	8.48	-0.36	-1.65	-3.58	-3.53	-1.70	-0.31
1646	3	1906	5.78	1.88	-2.07	-1.36	1.17	-1.51	0.40	-0.04	0.04	0.32	-0.17
		1907	6.16	1.60	-2.50	-2.12	1.22	-1.18	0.37	-0.15	-0.05	0.27	-0.20
		1926	4.99	1.08	-2.59	-2.51	1.00	-0.54	0.09	-0.34	-0.19	-0.07	-0.20
		1925	4.03	1.09	-1.96	-1.81	0.94	-0.67	0.06	-0.27	-0.13	-0.08	-0.17
1646	4	1906	20.03	3.85	-12.30	-12.14	3.69	-1.60	-1.57	-1.73	-1.65	-1.65	-0.08
		1907	21.48	3.75	-13.30	-13.24	3.69	-1.03	-1.67	-1.82	-1.77	-1.71	-0.07
		1926	22.17	3.36	-13.96	-13.96	3.35	-0.19	-0.70	-1.45	-1.44	-0.71	-0.09
		1925	20.70	3.35	-12.94	-12.94	3.34	-0.29	-0.61	-1.33	-1.32	-0.63	-0.12
1647	1	1907	16.11	4.52	-1.59	1.96	0.97	-3.02	2.24	0.69	1.02	1.91	-0.64
		1908	15.57	3.36	-1.62	0.52	1.23	-2.46	2.14	0.41	0.81	1.75	-0.73
		1927	10.03	1.71	-0.85	0.03	0.84	-1.21	1.02	-0.45	0.26	0.31	-0.74
		1926	9.46	2.46	-0.52	1.36	0.58	-1.44	0.92	-0.33	0.36	0.24	-0.62
1647	2	1907	57.52	9.43	-35.68	-35.54	9.29	-2.50	-4.62	-4.96	-4.80	-4.78	-0.17
		1908	59.78	9.48	-37.24	-37.21	9.46	-1.10	-4.77	-5.06	-4.97	-4.86	-0.13
		1927	61.33	8.67	-38.82	-38.82	8.67	-0.13	-2.01	-4.03	-4.02	-2.02	-0.14
		1926	59.06	8.54	-37.31	-37.31	8.53	-0.25	-1.89	-3.88	-3.85	-1.92	-0.22
1647	3	1907	6.15	1.60	-2.49	-2.12	1.22	-1.18	0.37	-0.15	-0.05	0.27	-0.20
		1908	6.47	1.49	-2.85	-2.67	1.31	-0.86	0.33	-0.24	-0.12	0.21	-0.23
		1927	5.74	1.12	-3.07	-3.02	1.08	-0.41	0.11	-0.39	-0.23	-0.05	-0.23
		1926	4.99	1.08	-2.60	-2.51	0.99	-0.54	0.08	-0.34	-0.19	-0.07	-0.20
1647	4	1907	21.47	3.75	-13.29	-13.23	3.69	-1.03	-1.67	-1.81	-1.77	-1.71	-0.07
		1908	22.31	3.76	-13.86	-13.85	3.75	-0.45	-1.72	-1.86	-1.83	-1.74	-0.05
		1927	23.02	3.40	-14.53	-14.53	3.40	-0.09	-0.74	-1.50	-1.50	-0.74	-0.05
		1926	22.18	3.35	-13.97	-13.97	3.35	-0.19	-0.70	-1.45	-1.44	-0.71	-0.09
1648	1	1908	15.56	3.37	-1.61	0.52	1.23	-2.46	2.14	0.42	0.81	1.75	-0.72
		1909	15.07	2.66	-1.73	-0.60	1.53	-1.92	2.01	0.17	0.62	1.56	-0.79
		1928	10.76	1.52	-1.40	-1.02	1.14	-0.98	1.09	-0.56	0.17	0.36	-0.82
		1927	10.02	1.70	-0.86	0.01	0.83	-1.21	1.02	-0.45	0.26	0.31	-0.73
1648	2	1908	59.77	9.49	-37.24	-37.21	9.46	-1.11	-4.78	-5.05	-4.97	-4.86	-0.12
		1909	60.30	9.73	-37.61	-37.61	9.73	0.35	-4.80	-5.03	-5.00	-4.84	-0.08
		1928	61.88	8.85	-39.13	-39.13	8.85	0.07	-1.99	-4.04	-4.04	-1.99	-0.03
		1927	61.34	8.66	-38.83	-38.83	8.66	-0.12	-2.01	-4.03	-4.02	-2.02	-0.13
1648	3	1908	6.47	1.49	-2.85	-2.67	1.31	-0.86	0.33	-0.24	-0.12	0.21	-0.23
		1909	6.65	1.50	-3.09	-3.03	1.44	-0.53	0.29	-0.31	-0.18	0.16	-0.24
		1928	6.26	1.21	-3.37	-3.36	1.19	-0.27	0.13	-0.42	-0.26	-0.04	-0.25
		1927	5.74	1.12	-3.07	-3.03	1.08	-0.41	0.11	-0.39	-0.23	-0.05	-0.23
1648	4	1908	22.30	3.76	-13.86	-13.85	3.75	-0.46	-1.72	-1.85	-1.83	-1.74	-0.05
		1909	22.50	3.87	-14.00	-14.00	3.86	0.15	-1.73	-1.85	-1.84	-1.74	-0.03
		1928	23.23	3.48	-14.65	-14.65	3.48	0.04	-0.73	-1.51	-1.50	-0.73	-0.02
		1927	23.03	3.40	-14.54	-14.54	3.40	-0.09	-0.74	-1.50	-1.50	-0.74	-0.05
1649	1	1909	15.06	2.67	-1.72	-0.59	1.53	-1.92	2.01	0.17	0.62	1.56	-0.79



		1910	14.52	2.39	-1.90	-1.41	1.90	-1.37	1.84	-0.05	0.44	1.35	-0.83
		1929	11.40	1.64	-1.93	-1.77	1.49	-0.73	1.14	-0.66	0.10	0.39	-0.89
		1928	10.74	1.51	-1.41	-1.03	1.13	-0.98	1.09	-0.56	0.17	0.36	-0.82
1649	2	1909	60.30	9.73	-37.62	-37.62	9.73	0.34	-4.81	-5.02	-4.99	-4.84	-0.07
		1910	59.09	10.16	-36.82	-36.75	10.08	1.91	-4.72	-4.88	-4.87	-4.73	-0.03
		1929	60.68	9.08	-38.20	-38.20	9.08	0.35	-1.83	-3.90	-3.90	-1.83	0.07
		1928	61.89	8.86	-39.12	-39.12	8.86	0.07	-1.99	-4.04	-4.04	-1.99	-0.03
1649	3	1909	6.65	1.50	-3.09	-3.03	1.44	-0.53	0.29	-0.31	-0.18	0.16	-0.24
		1910	6.66	1.61	-3.21	-3.20	1.60	-0.18	0.24	-0.36	-0.22	0.10	-0.25
		1929	6.53	1.34	-3.50	-3.50	1.34	-0.11	0.15	-0.44	-0.27	-0.02	-0.26
		1928	6.26	1.21	-3.37	-3.36	1.19	-0.27	0.13	-0.42	-0.26	-0.04	-0.25
1649	4	1909	22.50	3.87	-14.00	-14.00	3.86	0.14	-1.73	-1.85	-1.84	-1.74	-0.03
		1910	22.07	4.06	-13.71	-13.68	4.03	0.79	-1.69	-1.80	-1.80	-1.70	-0.02
		1929	22.79	3.59	-14.30	-14.29	3.59	0.20	-0.68	-1.45	-1.45	-0.68	0.02
		1928	23.23	3.48	-14.64	-14.64	3.48	0.04	-0.73	-1.51	-1.51	-0.73	-0.02
1650	1	1910	14.51	2.40	-1.90	-1.40	1.90	-1.37	1.84	-0.05	0.44	1.35	-0.83
		1911	13.86	2.49	-2.08	-1.94	2.34	-0.81	1.67	-0.25	0.29	1.12	-0.86
		1930	11.82	1.94	-2.30	-2.25	1.90	-0.44	1.16	-0.73	0.03	0.39	-0.93
		1929	11.39	1.64	-1.94	-1.78	1.48	-0.72	1.14	-0.66	0.10	0.39	-0.88
1650	2	1910	59.09	10.16	-36.84	-36.76	10.08	1.90	-4.72	-4.87	-4.87	-4.73	-0.02
		1911	56.21	10.79	-34.89	-34.61	10.50	3.61	-4.52	-4.61	-4.61	-4.52	0.02
		1930	57.74	9.35	-36.02	-36.01	9.33	0.75	-1.54	-3.62	-3.61	-1.55	0.17
		1929	60.71	9.10	-38.18	-38.17	9.09	0.36	-1.83	-3.91	-3.91	-1.84	0.07
1650	3	1910	6.65	1.61	-3.21	-3.20	1.60	-0.18	0.24	-0.36	-0.22	0.10	-0.25
		1911	6.48	1.81	-3.20	-3.20	1.80	0.18	0.20	-0.40	-0.25	0.05	-0.26
		1930	6.56	1.52	-3.47	-3.47	1.52	0.07	0.17	-0.43	-0.27	1.94e-03	-0.27
		1929	6.53	1.34	-3.51	-3.50	1.34	-0.11	0.15	-0.44	-0.27	-0.02	-0.26
1650	4	1910	22.07	4.06	-13.72	-13.68	4.02	0.79	-1.70	-1.80	-1.80	-1.70	-0.01
		1911	21.03	4.35	-13.00	-12.88	4.22	1.49	-1.62	-1.70	-1.70	-1.62	1.30e-03
		1930	21.72	3.73	-13.48	-13.47	3.72	0.42	-0.57	-1.35	-1.35	-0.58	0.06
		1929	22.80	3.60	-14.29	-14.29	3.59	0.21	-0.68	-1.46	-1.46	-0.68	0.02
1651	1	1911	13.85	2.49	-2.08	-1.93	2.34	-0.81	1.66	-0.25	0.29	1.12	-0.86
		1912	13.05	2.88	-2.21	-2.20	2.87	-0.23	1.48	-0.43	0.16	0.89	-0.88
		1931	11.98	2.39	-2.47	-2.46	2.39	-0.12	1.16	-0.79	-0.01	0.39	-0.96
		1930	11.81	1.94	-2.30	-2.26	1.90	-0.44	1.16	-0.73	0.03	0.39	-0.93
1651	2	1911	56.18	10.78	-34.92	-34.63	10.49	3.60	-4.51	-4.61	-4.60	-4.52	0.03
		1912	51.75	11.65	-31.87	-31.16	10.94	5.51	-4.14	-4.29	-4.20	-4.23	0.07
		1931	53.08	9.62	-32.57	-32.53	9.58	1.31	-1.12	-3.19	-3.16	-1.15	0.27
		1930	57.83	9.37	-35.98	-35.97	9.36	0.77	-1.54	-3.64	-3.63	-1.56	0.17
1651	3	1911	6.47	1.81	-3.20	-3.20	1.80	0.18	0.20	-0.40	-0.25	0.05	-0.26
		1912	6.11	2.11	-3.07	-3.01	2.05	0.57	0.16	-0.42	-0.26	2.96e-04	-0.26
		1931	6.37	1.74	-3.27	-3.25	1.73	0.27	0.19	-0.41	-0.25	0.03	-0.27
		1930	6.56	1.52	-3.47	-3.47	1.52	0.07	0.17	-0.44	-0.27	1.55e-03	-0.27
1651	4	1911	21.02	4.35	-13.01	-12.89	4.22	1.49	-1.62	-1.70	-1.70	-1.62	5.88e-03
		1912	19.43	4.76	-11.90	-11.59	4.44	2.27	-1.51	-1.56	-1.55	-1.52	0.02
		1931	20.02	3.89	-12.19	-12.16	3.86	0.69	-0.42	-1.19	-1.18	-0.43	0.09
		1930	21.75	3.74	-13.46	-13.45	3.73	0.43	-0.57	-1.36	-1.35	-0.58	0.06
1652	1	1912	13.04	2.87	-2.21	-2.20	2.86	-0.23	1.48	-0.43	0.16	0.89	-0.88
		1913	12.08	3.53	-2.25	-2.23	3.50	0.39	1.28	-0.59	0.04	0.65	-0.88
		1932	11.87	2.98	-2.44	-2.43	2.97	0.26	1.15	-0.83	-0.04	0.37	-0.97
		1931	11.96	2.39	-2.47	-2.47	2.39	-0.11	1.16	-0.79	-0.01	0.39	-0.95
1652	2	1912	51.65	11.63	-31.90	-31.20	10.92	5.49	-4.10	-4.29	-4.17	-4.22	0.09
		1913	46.00	12.84	-27.84	-26.36	11.36	7.62	-3.61	-3.91	-3.67	-3.86	0.12
		1932	46.73	9.89	-27.81	-27.71	9.79	2.02	-0.57	-2.60	-2.53	-0.64	0.37
		1931	53.33	9.66	-32.50	-32.46	9.62	1.33	-1.14	-3.25	-3.21	-1.17	0.26
1652	3	1912	6.10	2.11	-3.07	-3.01	2.05	0.57	0.16	-0.42	-0.26	6.36e-04	-0.26
		1913	5.59	2.53	-2.84	-2.65	2.34	0.99	0.13	-0.43	-0.25	-0.04	-0.26
		1932	5.97	2.04	-2.92	-2.86	1.98	0.51	0.22	-0.38	-0.21	0.06	-0.27
		1931	6.38	1.75	-3.26	-3.25	1.73	0.28	0.19	-0.42	-0.25	0.03	-0.27
1652	4	1912	19.39	4.75	-11.92	-11.60	4.44	2.26	-1.50	-1.55	-1.54	-1.51	0.03
		1913	17.39	5.32	-10.45	-9.80	4.67	3.13	-1.33	-1.41	-1.35	-1.38	0.04
		1932	17.72	4.08	-10.42	-10.35	4.00	1.03	-0.22	-0.97	-0.95	-0.24	0.13
		1931	20.11	3.91	-12.17	-12.14	3.88	0.71	-0.42	-1.21	-1.20	-0.43	0.09
1653	1	1913	12.08	3.52	-2.25	-2.23	3.49	0.38	1.28	-0.58	0.04	0.65	-0.88
		1914	11.30	4.43	-2.20	-2.03	4.27	1.04	1.09	-0.72	-0.05	0.42	-0.87
		1933	11.66	3.76	-2.25	-2.17	3.68	0.69	1.14	-0.85	-0.06	0.35	-0.97
		1932	11.84	2.99	-2.44	-2.43	2.98	0.27	1.15	-0.82	-0.04	0.37	-0.97
1653	2	1913	45.62	12.80	-27.89	-26.42	11.32	7.59	-3.50	-3.90	-3.57	-3.84	0.15
		1914	39.72	14.57	-23.04	-20.18	11.71	9.96	-2.97	-3.48	-3.04	-3.41	0.17
		1933	38.73	10.16	-21.74	-21.48	9.90	2.89	0.12	-1.80	-1.67	-0.01	0.48
		1932	47.50	9.97	-27.72	-27.61	9.86	2.07	-0.63	-2.76	-2.70	-0.68	0.34
1653	3	1913	5.55	2.52	-2.84	-2.65	2.34	0.98	0.13	-0.42	-0.24	-0.04	-0.26
		1914	6.27	3.08	-2.52	-2.12	2.68	1.44	0.11	-0.42	-0.23	-0.08	-0.25
		1933	5.41	2.41	-2.43	-2.30	2.28	0.79	0.26	-0.32	-0.15	0.09	-0.26
		1932	6.03	2.05	-2.91	-2.85	1.99	0.52	0.22	-0.39	-0.22	0.06	-0.27
1653	4	1913	17.25	5.30	-10.47	-9.82	4.66	3.12	-1.29	-1.40	-1.31	-1.37	0.05
		1914	15.22	6.11	-8.72	-7.50	4.88	4.08	-1.09	-1.24	-1.12	-1.22	0.06



		1933	14.87	4.29	-8.18	-8.02	4.13	1.44	0.03	-0.67	-0.63	-0.01	0.17
		1932	18.00	4.11	-10.39	-10.31	4.03	1.06	-0.24	-1.03	-1.01	-0.26	0.11
1654	1	1914	11.29	4.41	-2.21	-2.04	4.24	1.03	1.09	-0.72	-0.04	0.42	-0.87
		1915	12.68	5.61	-2.03	-1.62	5.19	1.74	0.88	-0.83	-0.13	0.17	-0.85
		1934	12.60	4.74	-1.91	-1.70	4.53	1.15	1.09	-0.88	-0.07	0.29	-0.97
1654	2	1933	11.69	3.79	-2.24	-2.16	3.71	0.71	1.14	-0.84	-0.05	0.35	-0.97
		1914	38.29	14.46	-23.06	-20.24	11.64	9.90	-2.68	-3.41	-2.73	-3.35	0.19
		1915	35.24	17.32	-18.05	-12.77	12.04	12.61	-2.32	-3.02	-2.45	-2.89	0.27
		1934	29.23	10.40	-14.27	-13.60	9.73	4.00	0.99	-0.67	-0.40	0.72	0.61
1654	3	1933	41.17	10.32	-21.63	-21.35	10.04	2.98	-0.07	-2.30	-2.23	-0.14	0.38
		1914	6.28	3.06	-2.52	-2.13	2.67	1.43	0.12	-0.40	-0.21	-0.08	-0.25
		1915	6.99	3.79	-2.14	-1.43	3.08	1.93	0.08	-0.41	-0.21	-0.12	-0.24
		1934	5.24	2.89	-1.81	-1.54	2.62	1.09	0.30	-0.24	-0.06	0.13	-0.25
1654	4	1933	5.58	2.44	-2.42	-2.28	2.31	0.80	0.25	-0.35	-0.19	0.08	-0.27
		1914	14.70	6.07	-8.73	-7.52	4.86	4.06	-0.99	-1.21	-1.00	-1.20	0.06
		1915	13.79	7.31	-6.94	-4.74	5.11	5.15	-0.85	-1.08	-0.90	-1.03	0.09
		1934	11.57	4.55	-5.46	-5.07	4.16	1.94	0.35	-0.25	-0.16	0.25	0.22
1655	1	1933	15.75	4.36	-8.14	-7.97	4.18	1.48	-0.04	-0.86	-0.84	-0.06	0.13
		1915	12.65	5.56	-2.10	-1.67	5.13	1.75	0.89	-0.83	-0.13	0.19	-0.85
		1916	13.65	7.03	-1.68	-0.93	6.27	2.45	0.66	-0.88	-0.20	-7.97e-03	-0.76
		1935	13.82	5.97	-1.39	-1.02	5.60	1.62	0.91	-1.00	-0.12	0.04	-0.95
1655	2	1934	12.75	4.82	-1.88	-1.66	4.59	1.20	1.11	-0.86	-0.04	0.29	-0.97
		1915	34.97	16.69	-17.75	-12.64	11.59	12.24	-1.55	-2.73	-1.59	-2.69	0.22
		1916	37.53	22.64	-14.74	-5.45	13.35	16.16	-1.40	-2.41	-1.86	-1.95	0.50
		1935	23.45	10.63	-6.15	-3.36	7.84	6.25	2.30	0.63	1.67	1.26	0.81
1655	3	1934	36.14	11.07	-14.15	-13.45	10.36	4.16	0.32	-2.29	-2.21	0.24	0.43
		1915	7.01	3.72	-2.14	-1.44	3.02	1.90	0.12	-0.37	-0.15	-0.10	-0.24
		1916	7.56	4.75	-1.81	-0.67	3.60	2.49	0.05	-0.35	-0.19	-0.12	-0.20
		1935	5.84	3.45	-1.10	-0.55	2.90	1.47	0.32	-0.15	0.08	0.09	-0.24
1655	4	1934	5.30	2.97	-1.80	-1.52	2.69	1.12	0.25	-0.35	-0.18	0.09	-0.27
		1915	13.79	7.07	-6.82	-4.69	4.93	5.01	-0.57	-0.97	-0.58	-0.95	0.07
		1916	14.93	9.44	-5.76	-2.01	5.70	6.55	-0.51	-0.86	-0.68	-0.69	0.18
		1935	9.62	4.89	-2.57	-1.25	3.57	2.85	0.83	0.24	0.61	0.46	0.29
1656	1	1934	14.03	4.81	-5.42	-5.01	4.40	2.00	0.10	-0.85	-0.83	0.07	0.15
		1916	12.88	7.14	-1.60	-0.82	6.36	2.49	0.63	-0.86	-0.33	0.10	-0.72
		286	17.12	8.93	-2.03	-0.92	7.81	3.31	1.31	-0.60	0.29	0.42	-0.95
		170	14.01	7.86	0.39	1.08	7.16	2.17	0.45	-0.97	-0.14	-0.38	-0.70
1656	2	1935	14.79	6.00	-1.71	-1.31	5.60	1.70	0.69	-1.23	-0.26	-0.28	-0.96
		1916	36.54	20.53	-16.87	-8.76	12.42	15.41	-0.27	-1.64	-0.65	-1.27	0.61
		286	35.83	23.95	-9.58	2.13	12.24	15.98	2.34	1.42	2.26	1.50	0.25
		170	43.47	17.95	-14.78	-1.57	4.74	16.06	4.80	0.54	4.61	0.72	0.87
1656	3	1935	27.86	15.09	-1.10	3.95	10.05	7.50	-0.29	-3.19	-2.98	-0.51	0.76
		1916	7.18	4.64	-1.97	-0.90	3.56	2.44	0.10	-0.26	-0.13	-0.04	-0.18
		286	8.46	5.47	-1.50	-0.11	4.08	2.78	0.50	-0.05	0.21	0.24	-0.28
		170	7.38	4.64	-1.14	0.22	3.28	2.45	0.34	-0.12	0.29	-0.07	-0.14
1656	4	1935	6.34	3.76	-0.75	-0.07	3.08	1.61	0.05	-0.48	-0.30	-0.13	-0.25
		1916	14.57	8.66	-6.55	-3.25	5.36	6.27	-0.09	-0.57	-0.22	-0.44	0.22
		286	14.40	10.03	-3.84	0.79	5.39	6.54	0.82	0.54	0.80	0.56	0.08
		170	16.93	7.75	-5.75	-0.56	2.56	6.57	1.76	0.19	1.69	0.26	0.32
1657	1	1935	11.19	6.57	-0.69	1.49	4.39	3.33	-0.13	-1.18	-1.11	-0.20	0.26
		195	59.86	39.73	-2.97	39.73	-2.97	-0.18	4.58	-0.47	2.84	1.27	2.40
		1917	46.59	29.34	-2.48	27.77	-0.91	-6.90	5.20	-1.05	2.84	1.31	3.03
		1936	31.54	22.49	1.26	22.41	1.34	-1.30	2.00	-1.87	0.56	-0.43	1.87
1657	2	256	49.48	18.01	2.29	18.01	2.29	0.07	5.84	-1.01	3.75	1.08	3.16
		195	113.37	69.70	-7.06	60.80	1.84	-24.58	8.43	2.78	8.40	2.81	-0.44
		1917	81.53	65.77	-13.46	42.99	9.33	-35.86	2.35	1.37	2.31	1.40	-0.19
		1936	59.56	43.28	-2.04	34.00	7.24	-18.29	2.94	0.15	2.88	0.21	-0.39
1657	3	256	86.69	50.29	-1.50	37.58	11.21	-22.29	7.77	2.33	7.71	2.39	-0.56
		195	23.71	16.71	-0.41	16.33	-0.02	-2.54	1.86	0.28	1.49	0.65	0.67
		1917	19.62	13.76	-1.19	11.45	1.12	-5.41	1.68	-0.16	1.02	0.50	0.88
		1936	11.28	9.89	0.88	9.19	1.58	-2.40	0.76	-0.39	0.42	-0.06	0.52
1657	4	256	17.03	8.97	1.45	8.15	2.27	-2.35	2.15	-5.96e-03	1.67	0.48	0.90
		195	42.36	26.39	-2.42	22.57	1.40	-9.77	3.15	1.09	3.14	1.10	-0.17
		1917	31.16	25.24	-5.13	15.96	4.16	-13.99	0.88	0.52	0.87	0.53	-0.07
		1936	22.75	16.75	-0.79	12.63	3.33	-7.44	1.13	0.11	1.11	0.13	-0.15
1658	1	256	32.58	19.47	-0.61	13.95	4.91	-8.97	2.86	0.84	2.84	0.86	-0.21
		1917	42.74	29.70	-0.90	28.78	0.02	-5.22	3.88	-1.55	1.87	0.46	2.62
		1918	37.46	25.80	-1.67	24.25	-0.12	-6.34	3.39	-1.04	2.09	0.26	2.02
		1937	28.94	19.22	0.38	18.82	0.78	-2.71	1.53	-2.20	0.57	-1.24	1.63
1658	2	1936	34.70	21.27	0.55	21.08	0.73	-1.96	2.91	-1.51	1.44	-0.05	2.08
		1917	85.31	60.58	-13.17	39.01	8.40	-33.54	4.94	2.53	4.92	2.55	-0.22
		1918	67.76	48.56	-15.29	23.61	9.66	-31.15	2.67	1.51	2.06	2.12	-0.58
		1937	52.11	33.37	-4.73	22.37	6.27	-17.27	1.80	-2.08	1.60	-1.88	-0.85
1658	3	1936	60.77	44.44	-2.29	34.61	7.55	-19.05	2.50	-0.50	2.37	-0.38	-0.60
		1917	17.25	13.30	-0.52	11.44	1.33	-4.71	1.45	-0.19	0.92	0.33	0.76
		1918	14.79	11.27	-1.04	8.94	1.30	-4.82	1.12	-0.12	0.77	0.23	0.56
		1937	10.27	8.28	0.23	7.25	1.26	-2.69	0.49	-0.65	0.31	-0.46	0.42



		1936	12.00	9.70	0.57	8.84	1.43	-2.66	0.96	-0.33	0.62	3.17e-03	0.57
1658	4	1917	32.36	23.29	-5.00	14.47	3.82	-13.10	1.83	0.94	1.83	0.95	-0.08
		1918	26.11	18.86	-5.92	8.75	4.19	-12.18	0.98	0.56	0.76	0.78	-0.21
		1937	19.85	13.10	-1.92	8.30	2.88	-7.00	0.69	-0.73	0.61	-0.65	-0.31
1659	1	1936	23.15	17.19	-0.90	12.85	3.44	-7.73	0.95	-0.14	0.90	-0.09	-0.23
		1918	35.58	25.70	-1.41	24.22	0.07	-6.16	3.00	-1.20	1.72	0.08	1.93
		1919	30.42	22.18	-2.10	20.19	-0.11	-6.66	2.40	-0.89	1.62	-0.11	1.40
		1938	25.90	16.66	-0.33	16.02	0.31	-3.24	1.05	-2.19	0.46	-1.61	1.25
1659	2	1937	30.02	19.16	0.16	18.75	0.56	-2.74	1.81	-2.02	0.86	-1.07	1.65
		1918	68.64	47.89	-15.07	23.29	9.53	-30.72	3.30	2.05	3.06	2.29	-0.50
		1919	56.23	36.98	-17.21	10.41	9.36	-27.09	1.98	0.72	1.20	1.50	-0.61
		1938	39.89	23.35	-6.92	9.98	6.45	-15.04	0.51	-2.94	0.25	-2.69	-0.90
1659	3	1937	49.79	33.24	-4.54	22.24	6.47	-17.16	1.38	-2.07	1.18	-1.86	-0.82
		1918	14.47	11.18	-0.92	8.91	1.35	-4.73	1.07	-0.14	0.74	0.19	0.54
		1919	12.14	9.30	-1.36	6.74	1.19	-4.55	0.77	-0.13	0.57	0.07	0.37
		1938	8.99	6.68	-0.17	5.47	1.04	-2.61	0.28	-0.73	0.17	-0.63	0.31
1659	4	1937	10.20	8.25	0.17	7.22	1.20	-2.69	0.55	-0.60	0.36	-0.41	0.43
		1918	26.36	18.61	-5.82	8.63	4.15	-12.00	1.22	0.76	1.13	0.84	-0.18
		1919	21.83	14.53	-6.68	3.84	4.00	-10.61	0.73	0.27	0.44	0.55	-0.22
		1938	15.35	9.39	-2.85	3.68	2.86	-6.11	0.20	-1.04	0.11	-0.95	-0.33
1660	1	1937	19.02	13.05	-1.85	8.25	2.95	-6.97	0.53	-0.72	0.45	-0.64	-0.30
		1919	29.80	22.13	-2.01	20.17	-0.05	-6.59	2.29	-0.91	1.51	-0.13	1.38
		1920	25.18	18.88	-2.54	16.48	-0.14	-6.77	1.77	-0.62	1.33	-0.18	0.93
		1939	22.91	14.17	-0.88	13.26	0.02	-3.57	0.60	-2.19	0.28	-1.87	0.89
1660	2	1938	26.25	16.65	-0.39	16.01	0.26	-3.26	1.13	-2.16	0.55	-1.57	1.26
		1919	55.90	36.76	-17.10	10.25	9.41	-26.93	2.12	0.98	1.53	1.56	-0.57
		1920	48.67	28.10	-19.73	-0.79	9.16	-23.40	1.17	-0.17	0.18	0.81	-0.59
		1939	34.40	16.40	-10.71	-0.76	6.45	-13.06	-0.71	-3.80	-1.00	-3.51	-0.90
1660	3	1938	39.53	23.39	-6.94	10.02	6.43	-15.06	0.34	-2.97	0.07	-2.71	-0.90
		1919	12.04	9.26	-1.31	6.72	1.22	-4.51	0.76	-0.13	0.56	0.07	0.37
		1920	9.98	7.57	-1.69	4.79	1.09	-4.24	0.51	-0.10	0.41	3.10e-03	0.23
		1939	8.02	5.24	-0.56	3.82	0.87	-2.50	0.07	-0.81	0.02	-0.76	0.20
1660	4	1938	9.01	6.68	-0.20	5.47	1.02	-2.62	0.29	-0.73	0.18	-0.62	0.31
		1919	21.69	14.45	-6.64	3.79	4.02	-10.54	0.78	0.36	0.57	0.57	-0.21
		1920	18.97	11.16	-7.64	-0.33	3.85	-9.17	0.43	-0.06	0.06	0.30	-0.22
		1939	13.27	6.75	-4.31	-0.34	2.78	-5.31	-0.25	-1.36	-0.36	-1.25	-0.33
1661	1	1938	15.22	9.41	-2.86	3.69	2.85	-6.12	0.14	-1.05	0.04	-0.96	-0.33
		1920	24.94	18.83	-2.51	16.45	-0.12	-6.73	1.74	-0.62	1.30	-0.18	0.92
		1921	21.16	15.87	-2.90	13.09	-0.12	-6.67	1.32	-0.33	1.12	-0.13	0.54
		1940	20.40	11.81	-1.33	10.64	-0.16	-3.74	0.25	-2.16	0.11	-2.02	0.56
1661	2	1939	23.04	14.17	-0.90	13.27	4.10e-03	-3.58	0.63	-2.18	0.31	-1.86	0.89
		1920	48.38	27.98	-19.73	-0.93	9.18	-23.32	1.20	-0.08	0.29	0.84	-0.58
		1921	46.00	21.49	-22.92	-10.38	8.95	-19.99	0.41	-1.06	-0.81	0.16	-0.56
		1940	35.52	12.13	-15.64	-9.90	6.40	-11.24	-1.77	-4.62	-2.08	-4.32	-0.88
1661	3	1939	34.60	16.44	-10.69	-0.69	6.44	-13.09	-0.75	-3.83	-1.06	-3.52	-0.91
		1920	9.94	7.54	-1.67	4.77	1.10	-4.22	0.51	-0.10	0.40	4.52e-03	0.23
		1921	8.09	6.05	-1.99	3.05	1.01	-3.89	0.31	-0.07	0.27	-0.03	0.12
		1940	7.29	4.01	-0.94	2.32	0.74	-2.34	-0.10	-0.88	-0.11	-0.87	0.11
1661	4	1939	8.02	5.25	-0.56	3.83	0.86	-2.50	0.07	-0.81	0.03	-0.76	0.20
		1920	18.86	11.12	-7.64	-0.38	3.85	-9.14	0.44	-0.03	0.10	0.31	-0.21
		1921	17.85	8.61	-8.81	-3.90	3.70	-7.84	0.15	-0.40	-0.30	0.06	-0.20
		1940	13.57	5.05	-6.13	-3.76	2.68	-4.56	-0.64	-1.66	-0.76	-1.55	-0.32
1662	1	1939	13.34	6.77	-4.31	-0.31	2.77	-5.32	-0.27	-1.37	-0.38	-1.26	-0.33
		1921	21.04	15.83	-2.89	13.06	-0.12	-6.65	1.31	-0.33	1.11	-0.13	0.53
		1922	18.20	13.16	-3.17	10.05	-0.06	-6.41	0.99	-0.08	0.94	-0.04	0.21
		1941	18.41	9.65	-1.68	8.21	-0.23	-3.78	-0.01	-2.12	-0.05	-2.08	0.27
1662	2	1940	20.44	11.82	-1.33	10.65	-0.16	-3.75	0.26	-2.15	0.12	-2.01	0.56
		1921	45.91	21.42	-22.97	-10.50	8.95	-19.95	0.43	-1.04	-0.78	0.17	-0.56
		1922	47.13	16.76	-26.47	-18.47	8.76	-16.79	-0.26	-1.89	-1.70	-0.45	-0.52
		1941	40.19	9.65	-20.90	-17.57	6.32	-9.51	-2.72	-5.37	-3.00	-5.08	-0.82
1662	3	1940	35.68	12.16	-15.60	-9.84	6.40	-11.25	-1.78	-4.64	-2.09	-4.33	-0.89
		1921	8.07	6.03	-1.99	3.03	1.01	-3.88	0.31	-0.07	0.27	-0.03	0.12
		1922	6.44	4.76	-2.28	1.53	0.95	-3.51	0.15	-0.05	0.15	-0.05	0.03
		1941	6.80	2.99	-1.34	1.00	0.65	-2.16	-0.23	-0.94	-0.23	-0.94	0.02
1662	4	1940	7.29	4.01	-0.94	2.33	0.74	-2.35	-0.09	-0.88	-0.11	-0.87	0.11
		1921	17.82	8.58	-8.83	-3.95	3.70	-7.82	0.15	-0.39	-0.29	0.06	-0.20
		1922	18.12	6.74	-10.10	-6.92	3.56	-6.59	-0.10	-0.70	-0.64	-0.17	-0.19
		1941	15.20	3.99	-8.04	-6.64	2.59	-3.86	-0.99	-1.94	-1.10	-1.83	-0.30
1663	1	1940	13.62	5.06	-6.11	-3.74	2.68	-4.57	-0.65	-1.67	-0.76	-1.55	-0.33
		1922	18.14	13.13	-3.17	10.02	-0.06	-6.40	0.98	-0.08	0.94	-0.04	0.21
		1923	16.24	10.77	-3.36	7.36	0.04	-6.04	0.79	0.07	0.79	0.07	-0.06
		1942	16.93	7.74	-1.96	6.00	-0.23	-3.72	-0.17	-2.08	-0.17	-2.08	0.02
1663	2	1941	18.42	9.67	-1.68	8.22	-0.23	-3.78	-5.61e-03	-2.11	-0.04	-2.08	0.28
		1922	47.16	16.72	-26.54	-18.57	8.75	-16.77	-0.25	-1.88	-1.69	-0.44	-0.52
		1923	50.28	13.50	-30.04	-25.15	8.61	-13.74	-0.85	-2.59	-2.46	-0.98	-0.46
		1942	45.83	8.17	-25.79	-23.87	6.25	-7.85	-3.54	-6.00	-3.78	-5.76	-0.73
		1941	40.27	9.66	-20.85	-17.51	6.33	-9.52	-2.72	-5.38	-3.01	-5.08	-0.83



1663	3	1922	6.42	4.75	-2.29	1.51	0.95	-3.51	0.15	-0.05	0.15	-0.04	0.03
		1923	5.94	3.70	-2.56	0.21	0.92	-3.11	0.07	-0.07	0.04	-0.05	-0.05
		1942	6.54	2.21	-1.77	-0.16	0.60	-1.95	-0.32	-0.99	-0.32	-0.99	-0.04
		1941	6.80	3.00	-1.34	1.00	0.65	-2.16	-0.22	-0.94	-0.23	-0.94	0.02
1663	4	1922	18.13	6.72	-10.12	-6.96	3.56	-6.58	-0.10	-0.70	-0.63	-0.17	-0.19
		1923	19.15	5.42	-11.38	-9.42	3.46	-5.39	-0.31	-0.97	-0.92	-0.36	-0.17
		1942	17.22	3.34	-9.83	-9.01	2.52	-3.18	-1.30	-2.17	-1.39	-2.08	-0.27
		1941	15.22	4.00	-8.02	-6.62	2.60	-3.86	-0.99	-1.94	-1.10	-1.83	-0.30
1664	1	1923	16.21	10.74	-3.37	7.33	0.04	-6.04	0.79	0.07	0.78	0.07	-0.06
		1924	15.13	8.70	-3.48	5.03	0.19	-5.59	0.78	0.04	0.64	0.18	-0.28
		1943	15.90	6.09	-2.19	4.05	-0.16	-3.57	-0.26	-2.05	-0.28	-2.03	-0.19
		1942	16.94	7.75	-1.95	6.02	-0.22	-3.72	-0.17	-2.08	-0.17	-2.08	0.02
1664	2	1923	50.35	13.47	-30.11	-25.23	8.59	-13.73	-0.84	-2.59	-2.46	-0.98	-0.47
		1924	53.99	11.30	-33.26	-30.48	8.52	-10.79	-1.34	-3.17	-3.08	-1.43	-0.39
		1943	51.08	7.27	-29.93	-28.86	6.20	-6.21	-4.24	-6.51	-4.42	-6.33	-0.62
		1942	45.86	8.18	-25.74	-23.82	6.26	-7.85	-3.54	-6.01	-3.79	-5.76	-0.74
1664	3	1923	5.94	3.69	-2.57	0.20	0.92	-3.11	0.07	-0.07	0.04	-0.05	-0.05
		1924	6.04	2.85	-2.83	-0.89	0.92	-2.69	0.07	-0.16	-0.04	-0.05	-0.11
		1943	6.43	1.65	-2.21	-1.14	0.58	-1.73	-0.39	-1.03	-0.40	-1.01	-0.10
		1942	6.53	2.21	-1.77	-0.15	0.60	-1.95	-0.32	-0.99	-0.32	-0.99	-0.04
1664	4	1923	19.18	5.40	-11.40	-9.45	3.45	-5.39	-0.31	-0.96	-0.92	-0.36	-0.17
		1924	20.43	4.51	-12.54	-11.41	3.38	-4.23	-0.49	-1.18	-1.15	-0.52	-0.15
		1943	19.13	2.92	-11.35	-10.89	2.47	-2.51	-1.56	-2.36	-1.63	-2.29	-0.23
		1942	17.23	3.34	-9.81	-8.99	2.52	-3.18	-1.30	-2.17	-1.39	-2.08	-0.27
1665	1	1924	15.11	8.67	-3.49	5.00	0.18	-5.58	0.78	0.04	0.64	0.18	-0.28
		1925	14.65	6.94	-3.54	3.03	0.37	-5.07	0.87	-0.09	0.51	0.27	-0.47
		1944	15.23	4.72	-2.40	2.36	-0.03	-3.35	-0.28	-2.03	-0.37	-1.94	-0.37
		1943	15.91	6.10	-2.19	4.06	-0.15	-3.57	-0.26	-2.05	-0.28	-2.03	-0.19
1665	2	1924	54.06	11.28	-33.33	-30.54	8.50	-10.79	-1.33	-3.17	-3.08	-1.43	-0.40
		1925	57.37	9.90	-35.91	-34.51	8.50	-7.89	-1.71	-3.61	-3.55	-1.77	-0.31
		1944	55.32	6.72	-33.15	-32.62	6.19	-4.57	-4.79	-6.88	-4.90	-6.77	-0.47
		1943	51.09	7.28	-29.89	-28.83	6.21	-6.21	-4.23	-6.52	-4.42	-6.33	-0.62
1665	3	1924	6.04	2.84	-2.84	-0.91	0.91	-2.69	0.07	-0.16	-0.04	-0.05	-0.11
		1925	6.31	2.22	-3.07	-1.80	0.94	-2.26	0.08	-0.25	-0.12	-0.05	-0.16
		1944	6.60	1.28	-2.63	-1.95	0.59	-1.49	-0.43	-1.06	-0.47	-1.02	-0.15
		1943	6.43	1.66	-2.21	-1.14	0.58	-1.73	-0.39	-1.03	-0.40	-1.01	-0.10
1665	4	1924	20.46	4.50	-12.56	-11.44	3.38	-4.23	-0.49	-1.18	-1.15	-0.52	-0.15
		1925	21.62	3.92	-13.49	-12.92	3.35	-3.10	-0.63	-1.34	-1.32	-0.65	-0.12
		1944	20.69	2.67	-12.54	-12.31	2.44	-1.85	-1.76	-2.50	-1.81	-2.45	-0.18
		1943	19.13	2.93	-11.34	-10.88	2.47	-2.51	-1.56	-2.36	-1.63	-2.29	-0.23
1666	1	1925	14.64	6.93	-3.55	3.01	0.36	-5.07	0.87	-0.09	0.51	0.27	-0.47
		1926	14.54	5.50	-3.54	1.37	0.59	-4.50	0.98	-0.24	0.39	0.34	-0.61
		1945	14.78	3.65	-2.58	0.93	0.14	-3.09	-0.26	-2.01	-0.43	-1.83	-0.52
		1944	15.23	4.73	-2.39	2.37	-0.03	-3.35	-0.28	-2.03	-0.37	-1.94	-0.37
1666	2	1925	57.43	9.88	-35.96	-34.56	8.48	-7.89	-1.71	-3.61	-3.55	-1.77	-0.32
		1926	59.94	9.08	-37.83	-37.29	8.55	-4.99	-1.97	-3.90	-3.88	-1.99	-0.22
		1945	58.27	6.43	-35.38	-35.17	6.22	-2.91	-5.17	-7.11	-5.23	-7.06	-0.31
		1944	55.32	6.73	-33.12	-32.59	6.20	-4.57	-4.78	-6.89	-4.90	-6.77	-0.48
1666	3	1925	6.31	2.21	-3.08	-1.81	0.94	-2.26	0.08	-0.25	-0.12	-0.05	-0.16
		1926	6.59	1.77	-3.28	-2.51	1.00	-1.82	0.10	-0.32	-0.18	-0.04	-0.20
		1945	6.83	1.05	-2.99	-2.58	0.63	-1.23	-0.45	-1.07	-0.51	-1.01	-0.18
		1944	6.60	1.28	-2.63	-1.94	0.59	-1.49	-0.43	-1.06	-0.47	-1.02	-0.15
1666	4	1925	21.64	3.91	-13.51	-12.94	3.34	-3.10	-0.63	-1.34	-1.32	-0.65	-0.12
		1926	22.53	3.57	-14.18	-13.96	3.35	-1.96	-0.72	-1.45	-1.44	-0.73	-0.09
		1945	21.78	2.52	-13.36	-13.27	2.44	-1.18	-1.91	-2.58	-1.93	-2.56	-0.12
		1944	20.69	2.67	-12.53	-12.30	2.44	-1.85	-1.76	-2.50	-1.81	-2.45	-0.18
1667	1	1926	14.54	5.48	-3.56	1.35	0.58	-4.50	0.98	-0.24	0.39	0.34	-0.61
		1927	14.57	4.35	-3.49	0.02	0.84	-3.90	1.07	-0.39	0.29	0.39	-0.73
		1946	14.44	2.85	-2.73	-0.23	0.35	-2.77	-0.21	-1.98	-0.48	-1.71	-0.64
		1945	14.78	3.66	-2.57	0.94	0.14	-3.09	-0.26	-2.01	-0.43	-1.83	-0.52
1667	2	1926	59.98	9.08	-37.86	-37.32	8.54	-5.00	-1.97	-3.91	-3.88	-1.99	-0.23
		1927	61.46	8.76	-38.92	-38.83	8.67	-2.08	-2.09	-4.06	-4.05	-2.10	-0.13
		1946	59.83	6.34	-36.58	-36.54	6.30	-1.22	-5.38	-7.20	-5.39	-7.19	-0.14
		1945	58.27	6.43	-35.36	-35.15	6.23	-2.91	-5.17	-7.11	-5.23	-7.06	-0.32
1667	3	1926	6.59	1.77	-3.29	-2.52	0.99	-1.82	0.10	-0.32	-0.18	-0.04	-0.20
		1927	6.79	1.49	-3.44	-3.03	1.08	-1.36	0.12	-0.38	-0.22	-0.03	-0.23
		1946	6.93	0.93	-3.26	-3.03	0.70	-0.96	-0.46	-1.06	-0.54	-0.98	-0.20
		1945	6.83	1.05	-2.99	-2.57	0.63	-1.23	-0.45	-1.07	-0.51	-1.01	-0.18
1667	4	1926	22.55	3.57	-14.19	-13.97	3.35	-1.96	-0.72	-1.45	-1.44	-0.73	-0.09
		1927	23.08	3.44	-14.57	-14.54	3.40	-0.82	-0.77	-1.51	-1.51	-0.77	-0.05
		1946	22.35	2.48	-13.80	-13.79	2.46	-0.50	-1.99	-2.61	-1.99	-2.61	-0.05
		1945	21.77	2.53	-13.35	-13.27	2.44	-1.18	-1.91	-2.58	-1.93	-2.56	-0.12
1668	1	1927	14.57	4.34	-3.50	4.68e-03	0.84	-3.90	1.07	-0.39	0.29	0.39	-0.73
		1928	14.56	3.49	-3.37	-1.02	1.14	-3.25	1.13	-0.52	0.19	0.42	-0.82
		1947	14.09	2.30	-2.82	-1.12	0.60	-2.41	-0.13	-1.95	-0.51	-1.57	-0.74
		1946	14.44	2.86	-2.72	-0.22	0.35	-2.77	-0.21	-1.98	-0.48	-1.71	-0.64
1668	2	1927	61.49	8.76	-38.93	-38.84	8.67	-2.08	-2.09	-4.06	-4.05	-2.10	-0.13



		1928	61.84	8.87	-39.15	-39.13	8.86	0.90	-2.07	-4.07	-4.07	-2.07	-0.03
		1947	59.94	6.43	-36.75	-36.74	6.42	0.54	-5.40	-7.15	-5.40	-7.14	0.04
		1946	59.83	6.34	-36.57	-36.54	6.31	-1.21	-5.38	-7.20	-5.39	-7.19	-0.15
1668	3	1927	6.79	1.49	-3.44	-3.03	1.08	-1.36	0.12	-0.38	-0.22	-0.03	-0.23
		1928	6.85	1.36	-3.52	-3.36	1.19	-0.88	0.14	-0.41	-0.25	-0.02	-0.25
		1947	6.85	0.90	-3.41	-3.31	0.79	-0.67	-0.45	-1.04	-0.55	-0.94	-0.22
		1946	6.93	0.93	-3.26	-3.02	0.70	-0.96	-0.46	-1.06	-0.54	-0.98	-0.21
1668	4	1927	23.09	3.44	-14.58	-14.54	3.40	-0.82	-0.77	-1.51	-1.51	-0.77	-0.05
		1928	23.21	3.49	-14.66	-14.65	3.48	0.35	-0.76	-1.51	-1.51	-0.76	-0.02
		1947	22.38	2.52	-13.86	-13.86	2.52	0.21	-2.00	-2.59	-2.00	-2.59	0.01
		1946	22.35	2.48	-13.80	-13.79	2.46	-0.50	-1.99	-2.61	-1.99	-2.61	-0.06
1669	1	1928	14.56	3.48	-3.38	-1.04	1.13	-3.25	1.13	-0.52	0.19	0.42	-0.82
		1929	14.39	2.90	-3.18	-1.77	1.49	-2.56	1.17	-0.63	0.11	0.43	-0.88
		1948	13.63	1.97	-2.83	-1.75	0.90	-2.00	-0.04	-1.89	-0.52	-1.41	-0.81
		1947	14.09	2.31	-2.81	-1.11	0.60	-2.41	-0.13	-1.95	-0.51	-1.57	-0.74
1669	2	1928	61.85	8.87	-39.15	-39.13	8.86	0.90	-2.07	-4.07	-4.07	-2.07	-0.03
		1929	61.09	9.42	-38.53	-38.20	9.09	3.96	-1.91	-3.93	-3.93	-1.91	0.07
		1948	58.63	6.70	-35.88	-35.75	6.56	2.37	-5.22	-6.96	-5.25	-6.93	0.23
		1947	59.94	6.43	-36.75	-36.74	6.42	0.54	-5.40	-7.14	-5.40	-7.14	0.04
1669	3	1928	6.86	1.36	-3.53	-3.36	1.19	-0.88	0.14	-0.41	-0.25	-0.02	-0.25
		1929	6.76	1.37	-3.53	-3.50	1.34	-0.39	0.15	-0.43	-0.27	-0.01	-0.26
		1948	6.58	0.94	-3.44	-3.41	0.91	-0.35	-0.42	-1.00	-0.54	-0.88	-0.23
		1947	6.85	0.90	-3.41	-3.30	0.79	-0.67	-0.45	-1.04	-0.55	-0.94	-0.22
1669	4	1928	23.22	3.49	-14.65	-14.65	3.48	0.35	-0.76	-1.52	-1.52	-0.76	-0.02
		1929	22.95	3.72	-14.43	-14.30	3.59	1.55	-0.71	-1.46	-1.46	-0.71	0.02
		1948	21.90	2.64	-13.54	-13.48	2.59	0.94	-1.93	-2.52	-1.94	-2.51	0.08
		1947	22.38	2.52	-13.86	-13.86	2.52	0.21	-2.00	-2.59	-2.00	-2.59	7.24e-03
1670	1	1929	14.40	2.89	-3.19	-1.79	1.48	-2.56	1.17	-0.63	0.11	0.43	-0.88
		1930	14.01	2.59	-2.94	-2.25	1.90	-1.83	1.18	-0.71	0.04	0.42	-0.93
		1949	13.00	1.85	-2.72	-2.13	1.26	-1.53	0.05	-1.82	-0.51	-1.26	-0.86
		1948	13.63	1.98	-2.82	-1.75	0.90	-2.00	-0.04	-1.89	-0.52	-1.41	-0.81
1670	2	1929	61.11	9.42	-38.51	-38.18	9.09	3.96	-1.91	-3.94	-3.94	-1.92	0.07
		1930	59.31	10.44	-37.11	-36.01	9.34	7.14	-1.62	-3.65	-3.63	-1.63	0.17
		1949	55.96	7.16	-34.00	-33.55	6.71	4.28	-4.85	-6.64	-4.94	-6.55	0.40
		1948	58.61	6.70	-35.90	-35.77	6.56	2.37	-5.22	-6.96	-5.25	-6.93	0.22
1670	3	1929	6.76	1.37	-3.53	-3.50	1.34	-0.38	0.15	-0.43	-0.27	-0.01	-0.26
		1930	6.52	1.52	-3.47	-3.47	1.52	0.14	0.17	-0.43	-0.27	6.05e-03	-0.27
		1949	6.50	1.06	-3.33	-3.33	1.06	-5.18e-03	-0.38	-0.94	-0.51	-0.81	-0.24
		1948	6.58	0.94	-3.43	-3.41	0.91	-0.35	-0.42	-1.00	-0.54	-0.88	-0.23
1670	4	1929	22.95	3.72	-14.42	-14.29	3.59	1.55	-0.71	-1.47	-1.47	-0.71	0.02
		1930	22.32	4.17	-13.91	-13.47	3.72	2.80	-0.60	-1.36	-1.35	-0.60	0.06
		1949	20.91	2.87	-12.83	-12.64	2.68	1.72	-1.79	-2.41	-1.83	-2.37	0.14
		1948	21.89	2.64	-13.54	-13.49	2.59	0.94	-1.93	-2.52	-1.94	-2.51	0.07
1671	1	1930	14.01	2.58	-2.95	-2.26	1.89	-1.83	1.18	-0.71	0.04	0.42	-0.93
		1931	13.38	2.60	-2.68	-2.46	2.39	-1.04	1.17	-0.78	-0.01	0.41	-0.95
		1950	12.14	1.92	-2.49	-2.25	1.68	-1.00	0.16	-1.73	-0.49	-1.09	-0.90
		1949	13.00	1.85	-2.71	-2.12	1.26	-1.53	0.05	-1.82	-0.51	-1.26	-0.86
1671	2	1930	59.38	10.45	-37.07	-35.97	9.35	7.15	-1.62	-3.67	-3.65	-1.64	0.17
		1931	56.73	12.05	-34.98	-32.53	9.60	10.45	-1.19	-3.22	-3.18	-1.23	0.27
		1950	52.11	7.89	-31.14	-30.10	6.85	6.28	-4.29	-6.20	-4.48	-6.01	0.57
		1949	55.90	7.16	-34.03	-33.58	6.71	4.28	-4.84	-6.63	-4.93	-6.54	0.39
1671	3	1930	6.52	1.52	-3.47	-3.47	1.52	0.14	0.17	-0.43	-0.27	5.53e-03	-0.27
		1931	6.14	1.83	-3.35	-3.25	1.73	0.70	0.19	-0.41	-0.25	0.03	-0.27
		1950	6.47	1.27	-3.11	-3.08	1.24	0.37	-0.33	-0.86	-0.47	-0.72	-0.23
		1949	6.50	1.06	-3.33	-3.33	1.06	-5.82e-03	-0.38	-0.94	-0.51	-0.81	-0.24
1671	4	1930	22.35	4.17	-13.90	-13.46	3.72	2.80	-0.60	-1.37	-1.36	-0.61	0.06
		1931	21.43	4.86	-13.15	-12.16	3.87	4.10	-0.45	-1.20	-1.19	-0.46	0.09
		1950	19.51	3.21	-11.77	-11.33	2.77	2.53	-1.59	-2.24	-1.65	-2.18	0.20
		1949	20.89	2.87	-12.84	-12.65	2.68	1.72	-1.79	-2.40	-1.82	-2.37	0.13
1672	1	1931	13.37	2.59	-2.68	-2.47	2.38	-1.04	1.17	-0.78	-7.20e-03	0.40	-0.95
		1932	12.53	2.99	-2.43	-2.43	2.98	-0.20	1.16	-0.82	-0.05	0.38	-0.97
		1951	11.55	2.23	-2.16	-2.13	2.20	-0.39	0.26	-1.62	-0.44	-0.92	-0.91
		1950	12.15	1.93	-2.48	-2.24	1.69	-1.00	0.16	-1.74	-0.49	-1.09	-0.90
1672	2	1931	57.00	12.06	-34.93	-32.47	9.60	10.47	-1.21	-3.27	-3.24	-1.24	0.28
		1932	53.74	14.41	-32.30	-27.70	9.81	13.91	-0.65	-2.62	-2.55	-0.71	0.35
		1951	47.45	8.99	-27.38	-25.34	6.94	8.37	-3.57	-5.63	-3.87	-5.33	0.72
		1950	51.93	7.88	-31.17	-30.13	6.85	6.28	-4.27	-6.18	-4.45	-6.00	0.55
1672	3	1931	6.14	1.83	-3.35	-3.25	1.73	0.70	0.19	-0.42	-0.25	0.03	-0.27
		1932	5.77	2.31	-3.18	-2.86	1.99	1.29	0.22	-0.38	-0.21	0.06	-0.27
		1951	6.48	1.60	-2.80	-2.65	1.46	0.79	-0.26	-0.77	-0.41	-0.62	-0.23
		1950	6.48	1.27	-3.11	-3.08	1.24	0.37	-0.33	-0.86	-0.47	-0.72	-0.24
1672	4	1931	21.53	4.86	-13.13	-12.14	3.87	4.11	-0.45	-1.22	-1.21	-0.46	0.09
		1932	20.43	5.86	-12.19	-10.35	4.01	5.47	-0.25	-0.97	-0.95	-0.27	0.12
		1951	17.83	3.73	-10.40	-9.53	2.87	3.38	-1.32	-2.04	-1.43	-1.93	0.25
		1950	19.44	3.21	-11.79	-11.35	2.77	2.53	-1.58	-2.24	-1.64	-2.17	0.19
1673	1	1932	12.50	2.97	-2.44	-2.43	2.96	-0.19	1.16	-0.82	-0.04	0.38	-0.97
		1933	11.65	3.78	-2.25	-2.16	3.70	0.71	1.14	-0.84	-0.06	0.36	-0.97



		1952	12.24	2.85	-1.79	-1.77	2.83	0.30	0.37	-1.49	-0.37	-0.74	-0.91
		1951	11.54	2.24	-2.15	-2.12	2.20	-0.40	0.26	-1.63	-0.45	-0.92	-0.91
1673	2	1932	54.63	14.44	-32.24	-27.62	9.81	13.95	-0.68	-2.79	-2.72	-0.75	0.38
		1933	50.83	17.74	-29.26	-21.47	9.95	17.48	0.02	-1.79	-1.70	-0.07	0.41
		1952	42.75	10.71	-22.94	-19.23	7.00	10.54	-2.76	-4.95	-3.16	-4.54	0.85
		1951	46.94	8.98	-27.42	-25.38	6.95	8.37	-3.51	-5.58	-3.78	-5.31	0.69
1673	3	1932	5.74	2.31	-3.18	-2.85	1.98	1.30	0.22	-0.39	-0.22	0.05	-0.27
		1933	6.66	2.99	-2.98	-2.29	2.30	1.91	0.26	-0.32	-0.15	0.09	-0.27
		1952	6.54	2.10	-2.42	-2.05	1.73	1.24	-0.19	-0.66	-0.34	-0.51	-0.22
		1951	6.49	1.61	-2.80	-2.65	1.46	0.78	-0.26	-0.77	-0.41	-0.62	-0.23
1673	4	1932	20.76	5.87	-12.17	-10.32	4.01	5.48	-0.26	-1.04	-1.02	-0.28	0.13
		1933	19.52	7.25	-11.11	-8.01	4.15	6.88	-3.89e-03	-0.67	-0.64	-0.03	0.14
		1952	16.20	4.52	-8.78	-7.23	2.96	4.27	-1.02	-1.79	-1.16	-1.64	0.30
		1951	17.64	3.73	-10.41	-9.55	2.87	3.38	-1.30	-2.02	-1.39	-1.92	0.24
1674	1	1933	11.73	3.76	-2.26	-2.17	3.67	0.73	1.15	-0.83	-0.04	0.36	-0.97
		1934	13.39	5.01	-2.11	-1.70	4.60	1.66	1.13	-0.85	-0.06	0.35	-0.97
		1953	12.96	3.86	-1.45	-1.21	3.63	1.09	0.49	-1.31	-0.29	-0.54	-0.89
		1952	12.24	2.87	-1.77	-1.75	2.85	0.29	0.36	-1.50	-0.39	-0.75	-0.91
1674	2	1933	53.55	17.83	-29.25	-21.36	9.95	17.58	-0.08	-2.36	-2.24	-0.19	0.50
		1934	48.19	22.18	-25.91	-13.58	9.85	21.00	0.79	-0.57	-0.43	0.65	0.41
		1953	39.06	13.45	-18.24	-11.94	7.14	12.65	-1.98	-4.13	-2.49	-3.63	0.91
		1952	41.51	10.71	-22.95	-19.24	7.00	10.54	-2.52	-4.84	-2.87	-4.50	0.83
1674	3	1933	6.56	2.99	-2.99	-2.29	2.28	1.93	0.24	-0.35	-0.19	0.09	-0.26
		1934	7.65	3.85	-2.74	-1.54	2.65	2.54	0.33	-0.25	-0.06	0.14	-0.27
		1953	6.69	2.79	-2.03	-1.30	2.07	1.72	-0.11	-0.54	-0.26	-0.39	-0.21
		1952	6.58	2.10	-2.41	-2.05	1.74	1.23	-0.18	-0.66	-0.32	-0.51	-0.22
1674	4	1933	20.52	7.28	-11.11	-7.97	4.14	6.92	-0.04	-0.88	-0.84	-0.08	0.18
		1934	18.74	9.05	-9.91	-5.06	4.21	8.27	0.27	-0.21	-0.17	0.23	0.14
		1953	15.01	5.71	-7.08	-4.48	3.11	5.15	-0.73	-1.49	-0.91	-1.30	0.32
		1952	15.74	4.52	-8.78	-7.23	2.97	4.27	-0.93	-1.75	-1.06	-1.62	0.29
1675	1	1934	13.54	4.95	-2.17	-1.72	4.51	1.73	1.20	-0.80	-0.01	0.41	-0.98
		1935	15.36	6.58	-1.89	-1.02	5.71	2.56	1.17	-0.86	-0.04	0.35	-1.00
		1954	13.58	5.30	-1.30	-0.62	4.62	2.00	0.68	-1.04	-0.16	-0.20	-0.86
		1953	13.05	3.93	-1.38	-1.15	3.70	1.08	0.42	-1.37	-0.35	-0.60	-0.89
1675	2	1934	54.79	22.65	-25.95	-13.49	10.19	21.22	0.37	-2.33	-2.19	0.23	0.60
		1935	45.42	26.39	-21.64	-3.31	8.07	23.33	1.74	1.00	1.59	1.16	0.30
		1954	35.60	17.29	-13.71	-4.90	8.49	13.98	-1.13	-2.84	-1.77	-2.20	0.83
		1953	37.47	13.46	-18.33	-11.70	6.83	12.92	-1.28	-3.90	-1.68	-3.50	0.94
1675	3	1934	7.46	3.88	-2.77	-1.54	2.65	2.58	0.27	-0.32	-0.17	0.13	-0.26
		1935	8.65	4.73	-2.32	-0.55	2.96	3.06	0.43	-0.14	0.10	0.19	-0.28
		1954	6.82	3.70	-1.68	-0.57	2.59	2.18	0.02	-0.38	-0.17	-0.19	-0.20
		1953	6.78	2.81	-2.00	-1.26	2.07	1.73	-0.08	-0.53	-0.22	-0.40	-0.21
1675	4	1934	21.16	9.23	-9.93	-5.03	4.33	8.36	0.12	-0.87	-0.82	0.08	0.21
		1935	17.85	10.75	-8.32	-1.23	3.66	9.21	0.63	0.38	0.58	0.43	0.10
		1954	14.06	7.32	-5.42	-1.84	3.73	5.73	-0.40	-1.02	-0.64	-0.78	0.30
		1953	14.41	5.72	-7.11	-4.39	3.00	5.24	-0.47	-1.40	-0.62	-1.25	0.34
1676	1	1935	16.74	6.62	-2.55	-1.42	5.48	3.02	1.37	-0.84	8.08e-03	0.53	-1.08
		170	12.68	7.61	-0.52	0.67	6.42	2.87	1.02	-0.31	0.29	0.42	-0.66
		294	17.23	7.22	-1.63	-0.61	6.20	2.83	1.38	-0.61	0.65	0.12	-0.96
		1954	13.18	5.28	-0.82	-0.22	4.68	1.80	0.54	-1.14	-0.32	-0.28	-0.84
1676	2	1935	46.23	30.14	-16.00	3.91	10.22	22.85	-0.51	-2.98	-2.95	-0.54	0.28
		170	44.22	19.59	-17.02	-1.64	4.22	18.07	4.93	1.20	4.84	1.29	0.58
		294	47.36	24.13	-13.90	2.47	7.75	18.83	3.35	0.67	2.77	1.24	1.10
		1954	35.00	16.26	-16.79	-8.05	7.51	14.58	-0.18	-1.91	-0.63	-1.46	0.76
1676	3	1935	8.90	5.03	-2.08	-0.11	3.05	3.18	0.31	-0.39	-0.21	0.13	-0.31
		170	7.40	4.67	-1.61	0.08	2.98	2.79	0.54	0.17	0.45	0.26	-0.16
		294	8.33	4.85	-1.70	1.01e-03	3.15	2.87	0.48	-0.03	0.35	0.10	-0.22
		1954	6.77	3.61	-1.77	-0.69	2.53	2.16	0.06	-0.34	-0.12	-0.16	-0.20
1676	4	1935	18.21	12.14	-6.22	1.47	4.46	9.06	-0.17	-1.09	-1.08	-0.18	0.09
		170	17.21	8.30	-6.58	-0.61	2.33	7.29	1.83	0.48	1.80	0.51	0.21
		294	18.41	10.00	-5.47	0.92	3.61	7.61	1.18	0.24	0.98	0.44	0.39
		1954	13.89	6.93	-6.57	-3.01	3.37	5.94	-0.05	-0.67	-0.21	-0.51	0.28
1677	1	256	43.92	20.53	1.79	20.37	1.96	-1.75	5.21	-1.31	2.54	1.35	3.21
		1936	31.48	21.29	1.03	21.08	1.24	-2.04	2.38	-1.39	1.14	-0.15	1.77
		1955	28.96	15.67	1.58	15.66	1.59	-0.47	1.07	-2.93	0.16	-2.02	1.68
		194	28.16	18.76	0.98	18.71	1.04	-0.96	1.58	-1.81	0.56	-0.79	1.56
1677	2	256	90.87	50.44	-2.50	37.41	10.54	-22.81	8.88	4.39	8.80	4.47	-0.60
		1936	65.40	45.64	-3.92	34.19	7.53	-20.88	2.67	-0.67	2.29	-0.29	-1.05
		1955	48.02	37.17	3.07	36.34	3.91	-5.27	2.59	-0.34	1.49	0.76	-1.42
		194	107.83	59.80	-8.64	53.87	-2.71	-19.25	7.62	0.27	7.52	0.37	-0.85
1677	3	256	15.76	9.92	1.00	8.82	2.10	-2.92	2.07	0.14	1.42	0.79	0.91
		1936	11.36	9.78	0.61	8.81	1.58	-2.82	0.78	-0.28	0.53	-0.03	0.45
		1955	9.72	7.64	1.13	7.42	1.35	-1.19	0.33	-0.74	0.15	-0.56	0.40
		194	14.43	10.28	0.17	9.67	0.79	-2.42	0.88	-0.37	0.74	-0.23	0.39
1677	4	256	34.28	19.52	-1.00	13.87	4.64	-9.16	3.31	1.68	3.28	1.71	-0.22
		1936	24.94	17.67	-1.52	12.70	3.44	-8.40	1.01	-0.21	0.87	-0.07	-0.39
		1955	18.25	14.11	1.47	13.55	2.04	-2.61	0.94	-0.13	0.54	0.26	-0.52



		194	40.43	22.75	-2.98	20.09	-0.32	-7.84	2.84	0.08	2.80	0.11	-0.32
1678	1	1936	33.27	21.46	1.01	21.22	1.24	-2.16	2.47	-1.80	1.12	-0.44	1.99
		1937	29.70	19.12	0.08	18.71	0.49	-2.77	1.74	-2.01	0.83	-1.09	1.61
		1956	24.17	13.61	1.26	13.59	1.28	-0.52	0.74	-2.46	0.10	-1.81	1.28
		1955	27.59	15.29	1.21	15.29	1.21	-0.12	1.39	-2.26	0.46	-1.34	1.59
1678	2	1936	66.65	45.83	-3.48	34.71	7.64	-20.61	2.81	-0.86	2.47	-0.52	-1.07
		1937	51.27	33.05	-4.62	22.29	6.14	-17.01	1.76	-2.03	1.58	-1.84	-0.81
		1956	31.73	19.68	4.05	18.39	5.35	-4.31	2.83	0.46	1.71	1.59	-1.19
		1955	58.34	33.81	1.58	32.75	2.64	-5.75	4.95	1.51	4.51	1.96	-1.16
1678	3	1936	11.73	9.88	0.61	8.90	1.59	-2.84	0.81	-0.40	0.54	-0.13	0.51
		1937	10.21	8.22	0.14	7.20	1.16	-2.69	0.56	-0.59	0.38	-0.41	0.42
		1956	7.22	5.67	1.02	5.42	1.27	-1.05	0.28	-0.56	0.16	-0.43	0.30
		1955	10.38	7.23	0.94	7.03	1.13	-1.09	0.65	-0.43	0.48	-0.27	0.39
1678	4	1936	25.40	17.74	-1.36	12.90	3.48	-8.31	1.07	-0.28	0.94	-0.15	-0.40
		1937	19.52	12.97	-1.88	8.27	2.83	-6.91	0.67	-0.70	0.60	-0.63	-0.30
		1956	12.41	7.74	1.58	6.84	2.48	-2.17	1.04	0.17	0.63	0.57	-0.44
		1955	22.00	12.87	0.88	12.20	1.55	-2.76	1.84	0.55	1.68	0.71	-0.42
1679	1	1937	29.55	19.17	0.26	18.75	0.68	-2.79	1.68	-2.09	0.75	-1.16	1.63
		1938	26.23	16.62	-0.39	15.97	0.25	-3.25	1.13	-2.15	0.55	-1.58	1.25
		1957	22.32	11.71	0.66	11.63	0.74	-0.91	0.24	-2.66	-0.14	-2.28	0.99
		1956	24.39	13.50	1.04	13.48	1.05	-0.45	0.82	-2.37	0.20	-1.74	1.27
1679	2	1937	50.84	33.50	-4.65	22.28	6.57	-17.38	1.44	-2.13	1.20	-1.89	-0.89
		1938	39.61	23.23	-6.94	9.93	6.36	-14.98	0.49	-2.93	0.25	-2.69	-0.88
		1957	22.72	9.65	2.04	6.35	5.34	-3.77	2.14	-0.42	0.91	0.81	-1.28
		1956	35.69	19.19	3.53	18.06	4.66	-4.05	3.55	0.93	2.70	1.78	-1.23
1679	3	1937	10.21	8.28	0.19	7.22	1.25	-2.73	0.51	-0.62	0.33	-0.44	0.42
		1938	8.95	6.66	-0.20	5.45	1.01	-2.61	0.30	-0.72	0.20	-0.62	0.31
		1957	5.92	4.24	0.67	3.90	1.01	-1.05	0.08	-0.68	0.02	-0.63	0.20
		1956	7.73	5.59	0.92	5.36	1.14	-1.00	0.37	-0.50	0.26	-0.40	0.29
1679	4	1937	19.43	13.16	-1.90	8.27	2.99	-7.05	0.55	-0.75	0.46	-0.66	-0.33
		1938	15.23	9.35	-2.86	3.66	2.82	-6.09	0.20	-1.04	0.11	-0.95	-0.32
		1957	9.19	4.25	0.46	2.33	2.38	-1.90	0.78	-0.16	0.34	0.29	-0.47
		1956	13.78	7.53	1.41	6.72	2.21	-2.07	1.31	0.34	1.00	0.65	-0.45
1680	1	1938	26.01	16.64	-0.36	15.98	0.30	-3.27	1.09	-2.17	0.51	-1.59	1.25
		1939	23.00	14.14	-0.90	13.23	0.01	-3.58	0.63	-2.18	0.31	-1.86	0.89
		1958	21.35	9.83	0.15	9.67	0.32	-1.25	-0.16	-2.90	-0.36	-2.70	0.72
		1957	22.52	11.66	0.59	11.59	0.66	-0.87	0.28	-2.65	-0.10	-2.27	0.98
1680	2	1938	39.46	23.43	-6.92	10.03	6.48	-15.07	0.34	-2.97	0.08	-2.71	-0.89
		1939	34.46	16.34	-10.71	-0.78	6.41	-13.04	-0.71	-3.81	-1.00	-3.51	-0.91
		1958	21.27	6.52	-4.84	-3.71	5.39	-3.40	1.21	-1.48	-0.10	-0.17	-1.35
		1957	23.41	9.33	1.99	6.19	5.14	-3.63	2.37	-0.29	1.22	0.86	-1.32
1680	3	1938	9.02	6.69	-0.19	5.46	1.04	-2.63	0.28	-0.73	0.17	-0.62	0.31
		1939	8.00	5.24	-0.57	3.81	0.86	-2.50	0.08	-0.81	0.03	-0.76	0.20
		1958	5.83	3.01	0.31	2.51	0.81	-1.04	-0.10	-0.84	-0.12	-0.82	0.12
		1957	6.10	4.20	0.65	3.87	0.97	-1.02	0.12	-0.67	0.06	-0.62	0.20
1680	4	1938	15.20	9.42	-2.85	3.70	2.87	-6.12	0.14	-1.05	0.04	-0.96	-0.33
		1939	13.29	6.73	-4.32	-0.35	2.76	-5.30	-0.25	-1.36	-0.36	-1.25	-0.33
		1958	8.62	2.95	-2.10	-1.45	2.31	-1.68	0.44	-0.55	-0.04	-0.07	-0.49
		1957	9.41	4.12	0.44	2.27	2.30	-1.84	0.87	-0.11	0.45	0.31	-0.48
1681	1	1939	22.90	14.15	-0.89	13.24	0.03	-3.59	0.61	-2.18	0.29	-1.86	0.89
		1940	20.39	11.80	-1.33	10.62	-0.15	-3.75	0.25	-2.15	0.11	-2.01	0.56
		1959	20.66	7.99	-0.26	7.71	0.03	-1.51	-0.46	-3.08	-0.55	-3.00	0.47
		1958	21.42	9.79	0.13	9.64	0.29	-1.22	-0.14	-2.90	-0.34	-2.70	0.71
1681	2	1939	34.39	16.44	-10.67	-0.70	6.47	-13.08	-0.76	-3.82	-1.05	-3.52	-0.90
		1940	35.60	12.10	-15.64	-9.92	6.38	-11.23	-1.77	-4.63	-2.08	-4.32	-0.89
		1959	26.41	5.90	-12.74	-12.22	5.38	-3.07	0.21	-2.47	-1.10	-1.17	-1.34
		1958	21.14	6.37	-4.93	-3.84	5.29	-3.33	1.28	-1.44	-0.01	-0.15	-1.36
1681	3	1939	8.03	5.25	-0.56	3.82	0.87	-2.50	0.07	-0.81	0.02	-0.76	0.20
		1940	7.27	4.00	-0.94	2.32	0.74	-2.34	-0.09	-0.88	-0.11	-0.87	0.10
		1959	6.11	2.01	-0.12	1.24	0.65	-1.02	-0.25	-0.98	-0.25	-0.98	0.05
		1958	5.78	2.97	0.30	2.49	0.79	-1.03	-0.09	-0.84	-0.11	-0.82	0.12
1681	4	1939	13.27	6.77	-4.30	-0.31	2.78	-5.32	-0.27	-1.37	-0.38	-1.26	-0.33
		1940	13.60	5.04	-6.13	-3.77	2.68	-4.56	-0.64	-1.67	-0.76	-1.55	-0.32
		1959	10.36	2.54	-4.98	-4.67	2.24	-1.49	0.06	-0.92	-0.41	-0.44	-0.49
		1958	8.57	2.89	-2.12	-1.50	2.27	-1.65	0.46	-0.53	-6.72e-03	-0.06	-0.50
1682	1	1940	20.35	11.80	-1.32	10.63	-0.14	-3.75	0.25	-2.15	0.11	-2.01	0.56
		1941	18.38	9.65	-1.68	8.19	-0.22	-3.79	-8.15e-03	-2.11	-0.04	-2.07	0.27
		1960	20.09	6.28	-0.59	5.83	-0.15	-1.70	-0.67	-3.20	-0.69	-3.17	0.25
		1959	20.68	7.97	-0.27	7.69	0.01	-1.49	-0.45	-3.08	-0.54	-3.00	0.47
1682	2	1940	35.52	12.16	-15.59	-9.85	6.41	-11.24	-1.79	-4.63	-2.09	-4.33	-0.87
		1941	40.25	9.64	-20.90	-17.58	6.32	-9.50	-2.71	-5.37	-3.00	-5.08	-0.83
		1960	33.56	5.62	-19.63	-19.33	5.33	-2.73	-0.80	-3.33	-2.01	-2.12	-1.27
		1959	26.30	5.82	-12.83	-12.33	5.32	-3.03	0.22	-2.46	-1.07	-1.16	-1.34
1682	3	1940	7.29	4.01	-0.94	2.32	0.75	-2.35	-0.10	-0.88	-0.11	-0.87	0.11
		1941	6.79	2.99	-1.34	0.99	0.65	-2.16	-0.22	-0.94	-0.23	-0.94	0.02
		1960	6.52	1.33	-0.70	0.09	0.54	-0.99	-0.36	-1.10	-0.36	-1.10	-0.02
		1959	6.10	1.99	-0.13	1.22	0.64	-1.02	-0.24	-0.98	-0.24	-0.98	0.05



1682	4	1940	13.57	5.06	-6.11	-3.74	2.69	-4.57	-0.65	-1.67	-0.76	-1.55	-0.32
		1941	15.21	3.99	-8.04	-6.65	2.59	-3.85	-0.99	-1.94	-1.10	-1.83	-0.30
		1960	12.91	2.33	-7.54	-7.37	2.16	-1.30	-0.31	-1.23	-0.75	-0.79	-0.46
		1959	10.32	2.51	-5.01	-4.71	2.21	-1.47	0.07	-0.91	-0.40	-0.44	-0.49
1683	1	1941	18.35	9.65	-1.67	8.20	-0.22	-3.79	-9.82e-03	-2.11	-0.05	-2.07	0.27
		1942	16.89	7.73	-1.96	5.99	-0.22	-3.72	-0.17	-2.07	-0.17	-2.07	0.02
		1961	19.54	4.75	-0.89	4.08	-0.22	-1.82	-0.80	-3.25	-0.80	-3.25	0.05
		1960	20.09	6.26	-0.60	5.81	-0.15	-1.69	-0.67	-3.20	-0.69	-3.17	0.25
1683	2	1941	40.18	9.67	-20.86	-17.53	6.34	-9.51	-2.72	-5.37	-3.01	-5.08	-0.82
		1942	45.87	8.17	-25.79	-23.88	6.25	-7.84	-3.54	-6.00	-3.78	-5.76	-0.74
		1961	40.39	5.44	-25.33	-25.14	5.25	-2.37	-1.75	-4.02	-2.78	-2.99	-1.13
		1960	33.52	5.57	-19.71	-19.42	5.28	-2.71	-0.80	-3.32	-2.00	-2.12	-1.26
1683	3	1941	6.80	3.00	-1.34	1.00	0.66	-2.16	-0.23	-0.94	-0.23	-0.94	0.02
		1942	6.52	2.21	-1.77	-0.16	0.60	-1.95	-0.32	-0.99	-0.32	-0.99	-0.05
		1961	6.93	0.95	-1.39	-0.91	0.47	-0.94	-0.45	-1.19	-0.45	-1.19	-0.07
		1960	6.51	1.32	-0.71	0.08	0.53	-0.99	-0.36	-1.10	-0.36	-1.10	-0.02
1683	4	1941	15.19	4.00	-8.03	-6.63	2.60	-3.86	-1.00	-1.94	-1.10	-1.83	-0.30
		1942	17.23	3.34	-9.83	-9.01	2.52	-3.17	-1.30	-2.17	-1.39	-2.08	-0.27
		1961	15.41	2.20	-9.68	-9.57	2.09	-1.10	-0.66	-1.49	-1.04	-1.11	-0.41
		1960	12.90	2.32	-7.57	-7.40	2.14	-1.29	-0.31	-1.23	-0.75	-0.79	-0.46
1684	1	1942	16.88	7.74	-1.95	6.00	-0.21	-3.72	-0.18	-2.07	-0.18	-2.07	0.02
		1943	15.87	6.09	-2.19	4.04	-0.15	-3.57	-0.26	-2.04	-0.28	-2.02	-0.19
		1962	18.95	3.47	-1.19	2.50	-0.22	-1.89	-0.88	-3.24	-0.88	-3.24	-0.13
		1961	19.53	4.73	-0.89	4.07	-0.23	-1.82	-0.80	-3.25	-0.80	-3.25	0.05
1684	2	1942	45.81	8.19	-25.76	-23.84	6.26	-7.85	-3.55	-6.00	-3.79	-5.76	-0.73
		1943	51.11	7.27	-29.94	-28.87	6.21	-6.20	-4.23	-6.51	-4.42	-6.33	-0.62
		1962	46.14	5.30	-29.84	-29.73	5.18	-1.97	-2.61	-4.52	-3.41	-3.72	-0.94
		1961	40.38	5.40	-25.39	-25.21	5.22	-2.35	-1.75	-4.01	-2.78	-2.99	-1.12
1684	3	1942	6.53	2.21	-1.77	-0.16	0.61	-1.95	-0.32	-0.99	-0.32	-0.99	-0.04
		1943	6.42	1.65	-2.21	-1.14	0.58	-1.73	-0.39	-1.03	-0.40	-1.01	-0.10
		1962	7.27	0.75	-2.08	-1.77	0.44	-0.88	-0.51	-1.25	-0.53	-1.24	-0.10
		1961	6.93	0.94	-1.40	-0.92	0.47	-0.94	-0.45	-1.19	-0.45	-1.19	-0.07
1684	4	1942	17.21	3.34	-9.82	-9.00	2.52	-3.18	-1.30	-2.17	-1.39	-2.08	-0.27
		1943	19.14	2.92	-11.35	-10.90	2.47	-2.51	-1.56	-2.36	-1.63	-2.29	-0.23
		1962	17.53	2.10	-11.38	-11.32	2.04	-0.91	-0.98	-1.68	-1.28	-1.38	-0.35
		1961	15.41	2.18	-9.70	-9.60	2.08	-1.10	-0.66	-1.49	-1.04	-1.11	-0.41
1685	1	1943	15.86	6.09	-2.19	4.05	-0.15	-3.57	-0.26	-2.04	-0.28	-2.02	-0.19
		1944	15.20	4.72	-2.40	2.35	-0.03	-3.35	-0.28	-2.02	-0.37	-1.94	-0.37
		1963	18.29	2.50	-1.53	1.11	-0.15	-1.91	-0.90	-3.18	-0.93	-3.15	-0.27
		1962	18.95	3.46	-1.19	2.49	-0.22	-1.89	-0.88	-3.24	-0.88	-3.23	-0.13
1685	2	1943	51.06	7.28	-29.91	-28.84	6.21	-6.21	-4.24	-6.51	-4.42	-6.33	-0.61
		1944	55.35	6.72	-33.16	-32.63	6.19	-4.56	-4.78	-6.88	-4.90	-6.76	-0.48
		1963	50.56	5.20	-33.23	-33.16	5.14	-1.53	-3.35	-4.83	-3.89	-4.29	-0.71
		1962	46.15	5.27	-29.90	-29.79	5.16	-1.96	-2.62	-4.51	-3.41	-3.72	-0.94
1685	3	1943	6.42	1.66	-2.21	-1.14	0.59	-1.73	-0.39	-1.03	-0.40	-1.01	-0.10
		1944	6.60	1.28	-2.63	-1.95	0.60	-1.49	-0.43	-1.06	-0.47	-1.02	-0.15
		1963	7.50	0.64	-2.68	-2.47	0.43	-0.81	-0.55	-1.28	-0.58	-1.25	-0.13
		1962	7.27	0.74	-2.09	-1.78	0.43	-0.88	-0.51	-1.25	-0.53	-1.24	-0.10
1685	4	1943	19.13	2.93	-11.34	-10.89	2.47	-2.51	-1.56	-2.36	-1.63	-2.29	-0.23
		1944	20.70	2.67	-12.54	-12.31	2.44	-1.85	-1.76	-2.50	-1.81	-2.45	-0.18
		1963	19.18	2.03	-12.66	-12.63	2.00	-0.70	-1.25	-1.79	-1.46	-1.59	-0.26
		1962	17.54	2.09	-11.40	-11.34	2.03	-0.90	-0.98	-1.68	-1.28	-1.38	-0.34
1686	1	1944	15.19	4.73	-2.39	2.36	-0.02	-3.36	-0.28	-2.02	-0.37	-1.94	-0.37
		1945	14.76	3.65	-2.58	0.93	0.14	-3.09	-0.26	-2.00	-0.44	-1.83	-0.52
		1964	17.53	1.84	-1.94	-0.07	-0.03	-1.89	-0.87	-3.06	-0.95	-2.99	-0.40
		1963	18.29	2.49	-1.54	1.10	-0.15	-1.91	-0.90	-3.18	-0.93	-3.14	-0.27
1686	2	1944	55.31	6.73	-33.14	-32.61	6.20	-4.57	-4.79	-6.88	-4.90	-6.77	-0.47
		1945	58.30	6.43	-35.39	-35.18	6.23	-2.91	-5.17	-7.11	-5.23	-7.05	-0.32
		1964	53.56	5.15	-35.50	-35.47	5.13	-1.03	-3.94	-4.94	-4.22	-4.66	-0.45
		1963	50.57	5.18	-33.26	-33.20	5.12	-1.52	-3.36	-4.82	-3.89	-4.29	-0.70
1686	3	1944	6.59	1.28	-2.63	-1.95	0.60	-1.49	-0.43	-1.05	-0.47	-1.02	-0.15
		1945	6.83	1.05	-3.00	-2.58	0.63	-1.23	-0.45	-1.07	-0.51	-1.01	-0.18
		1964	7.57	0.60	-3.17	-3.02	0.45	-0.72	-0.57	-1.27	-0.61	-1.23	-0.15
		1963	7.50	0.64	-2.69	-2.48	0.43	-0.81	-0.55	-1.28	-0.58	-1.25	-0.13
1686	4	1944	20.68	2.67	-12.53	-12.31	2.44	-1.85	-1.76	-2.49	-1.81	-2.45	-0.17
		1945	21.79	2.53	-13.36	-13.28	2.44	-1.18	-1.91	-2.58	-1.93	-2.56	-0.12
		1964	20.30	1.99	-13.52	-13.51	1.98	-0.47	-1.47	-1.84	-1.58	-1.73	-0.17
		1963	19.18	2.02	-12.68	-12.64	1.99	-0.69	-1.25	-1.79	-1.46	-1.59	-0.26
1687	1	1945	14.76	3.65	-2.58	0.93	0.14	-3.09	-0.26	-2.00	-0.44	-1.83	-0.52
		1946	14.43	2.85	-2.73	-0.23	0.35	-2.77	-0.21	-1.98	-0.48	-1.70	-0.64
		1965	16.65	1.46	-2.37	-1.04	0.14	-1.82	-0.81	-2.91	-0.94	-2.78	-0.50
		1964	17.53	1.83	-1.94	-0.08	-0.03	-1.89	-0.87	-3.06	-0.95	-2.99	-0.40
1687	2	1945	58.28	6.44	-35.37	-35.17	6.23	-2.91	-5.18	-7.11	-5.23	-7.05	-0.31
		1946	59.85	6.34	-36.59	-36.55	6.31	-1.21	-5.38	-7.19	-5.40	-7.18	-0.15
		1965	55.13	5.15	-36.69	-36.69	5.15	-0.48	-4.33	-4.88	-4.38	-4.83	-0.16
		1964	53.58	5.14	-35.52	-35.50	5.12	-1.03	-3.95	-4.94	-4.22	-4.66	-0.44
1687	3	1945	6.83	1.05	-2.99	-2.58	0.64	-1.23	-0.45	-1.07	-0.51	-1.01	-0.18



		1946	6.93	0.93	-3.26	-3.03	0.70	-0.96	-0.46	-1.06	-0.54	-0.98	-0.21
		1965	7.49	0.60	-3.51	-3.41	0.50	-0.62	-0.57	-1.23	-0.62	-1.19	-0.16
		1964	7.57	0.60	-3.17	-3.03	0.45	-0.72	-0.57	-1.27	-0.61	-1.23	-0.15
1687	4	1945	21.78	2.53	-13.36	-13.27	2.44	-1.18	-1.91	-2.58	-1.93	-2.56	-0.12
		1946	22.36	2.48	-13.81	-13.79	2.47	-0.50	-1.99	-2.61	-1.99	-2.60	-0.06
		1965	20.88	1.99	-13.97	-13.97	1.99	-0.22	-1.61	-1.82	-1.64	-1.79	-0.06
		1964	20.30	1.99	-13.53	-13.52	1.98	-0.47	-1.47	-1.84	-1.58	-1.73	-0.17
1688	1	1946	14.42	2.85	-2.73	-0.23	0.35	-2.77	-0.21	-1.98	-0.48	-1.70	-0.64
		1947	14.08	2.30	-2.82	-1.12	0.61	-2.41	-0.13	-1.94	-0.51	-1.56	-0.74
		1966	15.63	1.29	-2.74	-1.79	0.34	-1.71	-0.72	-2.71	-0.90	-2.52	-0.58
		1965	16.64	1.46	-2.37	-1.05	0.14	-1.82	-0.81	-2.90	-0.94	-2.78	-0.50
1688	2	1946	59.84	6.35	-36.59	-36.55	6.31	-1.22	-5.39	-7.19	-5.40	-7.18	-0.14
		1947	59.96	6.43	-36.76	-36.75	6.43	0.54	-5.41	-7.14	-5.41	-7.14	0.03
		1966	55.25	5.20	-36.81	-36.81	5.20	0.12	-4.34	-4.81	-4.38	-4.77	0.13
		1965	55.14	5.15	-36.70	-36.70	5.15	-0.48	-4.33	-4.88	-4.38	-4.83	-0.16
1688	3	1946	6.92	0.93	-3.26	-3.03	0.70	-0.96	-0.46	-1.06	-0.54	-0.98	-0.20
		1947	6.85	0.90	-3.41	-3.31	0.79	-0.67	-0.45	-1.04	-0.55	-0.94	-0.22
		1966	7.26	0.63	-3.70	-3.64	0.57	-0.50	-0.56	-1.16	-0.61	-1.11	-0.17
		1965	7.49	0.60	-3.51	-3.41	0.50	-0.62	-0.57	-1.23	-0.62	-1.18	-0.16
1688	4	1946	22.35	2.48	-13.81	-13.79	2.47	-0.50	-1.99	-2.61	-1.99	-2.60	-0.05
		1947	22.39	2.52	-13.87	-13.86	2.52	0.21	-2.00	-2.59	-2.00	-2.59	7.06e-03
		1966	20.91	2.01	-14.01	-14.01	2.01	0.04	-1.63	-1.79	-1.64	-1.77	0.04
		1965	20.88	1.99	-13.98	-13.97	1.99	-0.22	-1.62	-1.81	-1.64	-1.79	-0.06
1689	1	1947	14.07	2.30	-2.82	-1.12	0.61	-2.41	-0.13	-1.94	-0.51	-1.56	-0.74
		1948	13.63	1.98	-2.83	-1.75	0.91	-2.00	-0.04	-1.89	-0.52	-1.41	-0.81
		1967	14.49	1.26	-2.98	-2.31	0.59	-1.54	-0.59	-2.48	-0.84	-2.23	-0.64
		1966	15.63	1.28	-2.74	-1.79	0.34	-1.71	-0.72	-2.71	-0.90	-2.52	-0.58
1689	2	1947	59.96	6.43	-36.76	-36.76	6.43	0.54	-5.40	-7.14	-5.40	-7.14	0.05
		1948	58.63	6.70	-35.90	-35.76	6.57	2.37	-5.23	-6.95	-5.25	-6.92	0.21
		1967	53.96	5.29	-35.84	-35.82	5.28	0.77	-3.90	-4.80	-4.21	-4.49	0.43
		1966	55.27	5.21	-36.80	-36.80	5.21	0.12	-4.34	-4.82	-4.38	-4.77	0.14
1689	3	1947	6.85	0.90	-3.41	-3.31	0.79	-0.67	-0.45	-1.04	-0.55	-0.94	-0.22
		1948	6.58	0.94	-3.44	-3.41	0.91	-0.35	-0.42	-1.00	-0.54	-0.88	-0.23
		1967	6.87	0.69	-3.73	-3.70	0.67	-0.35	-0.52	-1.06	-0.58	-1.00	-0.17
		1966	7.25	0.63	-3.70	-3.64	0.57	-0.50	-0.56	-1.16	-0.61	-1.11	-0.17
1689	4	1947	22.39	2.52	-13.87	-13.86	2.52	0.21	-2.00	-2.59	-2.00	-2.59	0.01
		1948	21.90	2.65	-13.54	-13.48	2.59	0.94	-1.93	-2.52	-1.94	-2.51	0.07
		1967	20.42	2.06	-13.64	-13.63	2.06	0.33	-1.47	-1.78	-1.58	-1.67	0.15
		1966	20.92	2.01	-14.01	-14.01	2.01	0.04	-1.63	-1.79	-1.64	-1.77	0.05
1690	1	1948	13.62	1.98	-2.83	-1.75	0.90	-2.00	-0.04	-1.89	-0.52	-1.41	-0.81
		1949	13.00	1.85	-2.72	-2.13	1.26	-1.53	0.05	-1.82	-0.52	-1.25	-0.86
		1968	13.21	1.33	-3.04	-2.59	0.88	-1.33	-0.44	-2.22	-0.76	-1.90	-0.68
		1967	14.48	1.26	-2.98	-2.31	0.59	-1.54	-0.59	-2.48	-0.84	-2.23	-0.64
1690	2	1948	58.64	6.70	-35.91	-35.78	6.57	2.36	-5.22	-6.95	-5.25	-6.92	0.23
		1949	55.95	7.17	-34.01	-33.56	6.72	4.28	-4.85	-6.63	-4.94	-6.54	0.39
		1968	51.29	5.41	-33.76	-33.70	5.36	1.47	-3.21	-4.65	-3.88	-3.99	0.72
		1967	53.99	5.30	-35.82	-35.80	5.29	0.78	-3.90	-4.81	-4.22	-4.49	0.44
1690	3	1948	6.58	0.94	-3.44	-3.41	0.91	-0.35	-0.42	-1.00	-0.54	-0.88	-0.23
		1949	6.50	1.06	-3.33	-3.33	1.06	-5.24e-03	-0.38	-0.94	-0.51	-0.80	-0.24
		1968	6.35	0.79	-3.60	-3.60	0.78	-0.19	-0.46	-0.93	-0.53	-0.87	-0.16
		1967	6.87	0.70	-3.73	-3.70	0.67	-0.35	-0.52	-1.06	-0.58	-1.00	-0.17
1690	4	1948	21.90	2.64	-13.54	-13.49	2.59	0.94	-1.93	-2.52	-1.94	-2.51	0.08
		1949	20.91	2.87	-12.84	-12.65	2.68	1.72	-1.80	-2.40	-1.83	-2.37	0.13
		1968	19.42	2.14	-12.84	-12.82	2.11	0.64	-1.21	-1.72	-1.45	-1.49	0.25
		1967	20.44	2.07	-13.63	-13.62	2.06	0.34	-1.47	-1.78	-1.58	-1.67	0.15
1691	1	1949	12.99	1.85	-2.72	-2.13	1.26	-1.53	0.06	-1.82	-0.51	-1.25	-0.86
		1950	12.15	1.93	-2.49	-2.25	1.69	-1.00	0.16	-1.74	-0.49	-1.09	-0.90
		1969	11.81	1.50	-2.89	-2.63	1.24	-1.05	-0.26	-1.94	-0.65	-1.55	-0.71
		1968	13.21	1.33	-3.04	-2.59	0.88	-1.32	-0.44	-2.22	-0.76	-1.90	-0.68
1691	2	1949	55.94	7.16	-34.03	-33.59	6.71	4.27	-4.84	-6.63	-4.93	-6.54	0.40
		1950	52.06	7.89	-31.14	-30.11	6.86	6.28	-4.30	-6.18	-4.48	-6.01	0.55
		1969	47.32	5.56	-30.53	-30.40	5.42	2.20	-2.34	-4.31	-3.37	-3.28	0.98
		1968	51.38	5.43	-33.72	-33.67	5.38	1.48	-3.23	-4.66	-3.90	-3.99	0.72
1691	3	1949	6.49	1.06	-3.34	-3.34	1.06	-6.70e-03	-0.38	-0.94	-0.51	-0.80	-0.24
		1950	6.47	1.27	-3.11	-3.08	1.24	0.37	-0.33	-0.86	-0.47	-0.72	-0.24
		1969	5.73	0.93	-3.32	-3.32	0.93	0.01	-0.39	-0.78	-0.46	-0.71	-0.15
		1968	6.35	0.79	-3.60	-3.59	0.79	-0.18	-0.47	-0.93	-0.53	-0.87	-0.16
1691	4	1949	20.90	2.86	-12.85	-12.66	2.68	1.71	-1.79	-2.40	-1.82	-2.37	0.14
		1950	19.49	3.21	-11.78	-11.34	2.77	2.53	-1.59	-2.24	-1.65	-2.18	0.19
		1969	17.94	2.24	-11.62	-11.55	2.17	0.97	-0.89	-1.59	-1.26	-1.22	0.35
		1968	19.46	2.15	-12.83	-12.80	2.12	0.65	-1.22	-1.73	-1.46	-1.49	0.25
1692	1	1950	12.13	1.92	-2.49	-2.25	1.68	-1.00	0.16	-1.73	-0.48	-1.09	-0.90
		1951	11.56	2.24	-2.15	-2.12	2.20	-0.39	0.26	-1.63	-0.45	-0.92	-0.91
		1970	10.53	1.78	-2.54	-2.43	1.67	-0.69	-0.06	-1.65	-0.53	-1.18	-0.72
		1969	11.83	1.50	-2.89	-2.63	1.24	-1.04	-0.27	-1.94	-0.66	-1.55	-0.71
1692	2	1950	51.99	7.87	-31.18	-30.14	6.84	6.27	-4.26	-6.18	-4.45	-6.00	0.57
		1951	47.33	9.00	-27.38	-25.34	6.96	8.37	-3.60	-5.61	-3.87	-5.33	0.69



		1970	42.19	5.73	-26.12	-25.85	5.46	2.95	-1.30	-3.76	-2.68	-2.38	1.22
		1969	47.57	5.59	-30.48	-30.34	5.45	2.22	-2.39	-4.33	-3.43	-3.29	0.97
1692	3	1950	6.47	1.27	-3.12	-3.09	1.24	0.37	-0.33	-0.86	-0.47	-0.72	-0.23
		1951	6.48	1.61	-2.80	-2.65	1.46	0.79	-0.26	-0.77	-0.41	-0.62	-0.23
		1970	5.07	1.13	-2.88	-2.87	1.11	0.24	-0.29	-0.62	-0.37	-0.54	-0.14
		1969	5.73	0.93	-3.32	-3.32	0.93	0.02	-0.39	-0.79	-0.47	-0.71	-0.15
1692	4	1950	19.46	3.20	-11.79	-11.35	2.77	2.52	-1.57	-2.24	-1.64	-2.17	0.20
		1951	17.79	3.73	-10.39	-9.53	2.87	3.38	-1.33	-2.03	-1.43	-1.93	0.24
		1970	16.05	2.38	-9.95	-9.81	2.23	1.32	-0.51	-1.39	-1.01	-0.89	0.44
		1969	18.03	2.25	-11.60	-11.53	2.18	0.98	-0.91	-1.60	-1.29	-1.23	0.35
1693	1	1951	11.54	2.23	-2.16	-2.13	2.19	-0.40	0.27	-1.62	-0.43	-0.92	-0.91
		1952	12.26	2.86	-1.77	-1.75	2.84	0.30	0.36	-1.50	-0.39	-0.75	-0.91
		1971	9.92	2.22	-1.99	-1.97	2.20	-0.25	0.17	-1.35	-0.37	-0.81	-0.72
		1970	10.55	1.79	-2.53	-2.42	1.68	-0.68	-0.07	-1.66	-0.55	-1.19	-0.73
1693	2	1951	47.04	8.96	-27.42	-25.39	6.93	8.35	-3.49	-5.60	-3.77	-5.31	0.72
		1952	42.60	10.75	-22.94	-19.22	7.03	10.56	-2.79	-4.92	-3.17	-4.54	0.82
		1971	36.20	5.98	-20.48	-19.95	5.45	3.71	-0.09	-2.98	-1.75	-1.32	1.43
		1970	42.88	5.80	-26.05	-25.76	5.51	2.99	-1.45	-3.84	-2.86	-2.42	1.18
1693	3	1951	6.48	1.60	-2.80	-2.66	1.46	0.78	-0.26	-0.76	-0.40	-0.62	-0.23
		1952	6.56	2.10	-2.42	-2.05	1.73	1.24	-0.19	-0.67	-0.35	-0.52	-0.22
		1971	4.43	1.41	-2.31	-2.23	1.34	0.51	-0.17	-0.44	-0.25	-0.35	-0.12
		1970	5.05	1.14	-2.87	-2.86	1.12	0.25	-0.30	-0.63	-0.39	-0.54	-0.14
1693	4	1951	17.68	3.72	-10.41	-9.55	2.86	3.38	-1.29	-2.02	-1.39	-1.92	0.25
		1952	16.14	4.53	-8.78	-7.22	2.97	4.28	-1.03	-1.78	-1.17	-1.64	0.29
		1971	13.90	2.58	-7.84	-7.56	2.30	1.68	-0.06	-1.10	-0.66	-0.50	0.51
		1970	16.31	2.40	-9.92	-9.78	2.26	1.34	-0.56	-1.42	-1.07	-0.91	0.42
1694	1	1952	12.23	2.83	-1.78	-1.76	2.82	0.29	0.39	-1.48	-0.35	-0.74	-0.91
		1953	13.01	3.90	-1.41	-1.17	3.66	1.10	0.43	-1.36	-0.34	-0.58	-0.89
		1972	9.76	2.88	-1.28	-1.26	2.86	0.29	0.41	-1.05	-0.18	-0.46	-0.71
		1971	9.99	2.24	-1.97	-1.96	2.23	-0.23	0.14	-1.39	-0.43	-0.82	-0.74
1694	2	1952	41.48	10.65	-22.95	-19.26	6.96	10.51	-2.50	-4.84	-2.85	-4.49	0.84
		1953	39.85	13.68	-18.40	-11.91	7.19	12.89	-1.96	-4.18	-2.51	-3.63	0.96
		1972	30.54	6.39	-13.53	-12.43	5.29	4.56	1.39	-1.92	-0.40	-0.13	1.65
		1971	38.19	6.11	-20.39	-19.84	5.56	3.77	-0.49	-3.28	-2.33	-1.45	1.32
1694	3	1952	6.58	2.09	-2.42	-2.05	1.72	1.23	-0.17	-0.65	-0.31	-0.51	-0.22
		1953	6.71	2.82	-2.02	-1.29	2.09	1.74	-0.13	-0.55	-0.28	-0.40	-0.20
		1972	3.99	1.82	-1.61	-1.40	1.61	0.82	-0.02	-0.24	-0.09	-0.16	-0.10
		1971	4.40	1.43	-2.30	-2.22	1.36	0.52	-0.20	-0.48	-0.31	-0.37	-0.14
1694	4	1952	15.72	4.49	-8.78	-7.24	2.95	4.26	-0.92	-1.75	-1.05	-1.62	0.30
		1953	15.31	5.80	-7.13	-4.47	3.13	5.23	-0.72	-1.51	-0.92	-1.31	0.34
		1972	11.94	2.90	-5.28	-4.70	2.33	2.09	0.49	-0.71	-0.16	-0.06	0.59
		1971	14.63	2.63	-7.81	-7.52	2.34	1.71	-0.21	-1.21	-0.88	-0.55	0.47
1695	1	1953	12.90	3.79	-1.44	-1.21	3.56	1.08	0.51	-1.28	-0.24	-0.54	-0.88
		1954	13.52	5.53	-1.16	-0.44	4.81	2.07	0.48	-1.12	-0.28	-0.36	-0.80
		1973	10.45	3.83	-0.47	-0.22	3.58	1.01	0.61	-0.81	0.06	-0.26	-0.69
		1972	10.01	2.99	-1.23	-1.20	2.97	0.33	0.30	-1.18	-0.36	-0.52	-0.74
1695	2	1953	36.53	13.08	-18.05	-11.73	6.76	12.52	-1.26	-3.85	-1.65	-3.46	0.92
		1954	42.38	19.15	-15.43	-4.83	8.56	15.94	-0.81	-3.23	-1.81	-2.23	1.19
		1973	32.24	7.69	-6.61	-2.56	3.64	6.44	3.32	-0.59	1.78	0.95	1.91
		1972	35.68	6.98	-13.43	-12.30	5.84	4.67	0.26	-3.10	-2.26	-0.58	1.45
1695	3	1953	6.69	2.74	-2.01	-1.28	2.02	1.70	-0.05	-0.50	-0.18	-0.37	-0.21
		1954	6.89	3.91	-1.76	-0.51	2.66	2.35	-0.06	-0.39	-0.21	-0.24	-0.16
		1973	4.08	2.41	-0.88	-0.29	1.81	1.27	0.18	-0.06	0.14	-0.02	-0.08
		1972	3.99	1.91	-1.59	-1.37	1.69	0.85	-0.12	-0.39	-0.29	-0.22	-0.13
1695	4	1953	14.05	5.57	-7.01	-4.40	2.97	5.09	-0.46	-1.38	-0.60	-1.24	0.33
		1954	16.54	8.02	-6.06	-1.81	3.77	6.46	-0.29	-1.16	-0.66	-0.80	0.43
		1973	12.63	3.62	-2.78	-0.98	1.83	2.88	1.20	-0.21	0.66	0.34	0.69
		1972	13.81	3.13	-5.24	-4.66	2.54	2.14	0.06	-1.15	-0.85	-0.24	0.52
1696	1	1954	12.64	5.39	-1.51	-0.89	4.78	1.96	0.57	-0.94	-0.19	-0.18	-0.76
		294	15.92	7.10	-1.05	0.05	5.99	2.79	1.42	-0.55	0.44	0.44	-0.98
		168	11.98	5.95	-0.67	0.39	4.89	2.43	0.69	-0.49	0.39	-0.19	-0.51
		1973	11.85	4.28	0.09	0.55	3.82	1.31	0.11	-1.32	-0.53	-0.69	-0.71
1696	2	1954	41.30	16.80	-17.43	-8.29	7.65	15.14	0.33	-2.48	-0.56	-1.58	1.31
		294	41.16	20.38	-9.96	2.94	7.48	15.00	3.29	0.73	2.69	1.33	1.08
		168	50.60	15.17	-16.29	-2.26	1.14	15.64	5.58	0.53	4.96	1.14	1.65
		1973	35.59	13.07	-2.30	5.09	5.68	7.68	0.46	-3.95	-2.86	-0.63	1.90
1696	3	1954	6.52	3.68	-2.02	-0.92	2.57	2.25	0.04	-0.26	-0.08	-0.14	-0.14
		294	7.33	4.57	-1.27	0.24	3.06	2.56	0.49	0.03	0.29	0.24	-0.23
		168	6.38	3.79	-1.66	-0.06	2.19	2.49	0.48	0.01	0.48	0.02	-0.03
		1973	4.84	2.95	-0.36	0.55	2.05	1.47	-0.21	-0.43	-0.38	-0.27	-0.09
1696	4	1954	16.14	7.13	-6.81	-3.11	3.43	6.16	0.13	-0.88	-0.19	-0.56	0.47
		294	16.12	8.59	-3.99	1.10	3.50	6.17	1.17	0.28	0.95	0.50	0.38
		168	19.56	6.59	-6.36	-0.84	1.08	6.40	2.06	0.19	1.83	0.41	0.61
		1973	13.88	5.63	-1.14	1.89	2.60	3.36	0.13	-1.45	-1.07	-0.25	0.68
1697	1	194	30.02	17.79	-0.13	17.78	-0.13	0.23	2.80	-0.17	1.73	0.91	1.42
		1955	26.57	16.31	0.57	15.67	1.20	-3.10	2.07	-1.63	0.61	-0.18	1.81
		1974	13.95	10.22	1.67	10.06	1.83	-1.16	0.67	-1.15	0.19	-0.67	0.80



		243	20.55	9.03	2.16	8.84	2.35	-1.15	2.45	-0.57	1.55	0.33	1.38
1697	2	194	104.14	60.55	-10.58	53.97	-4.00	-20.62	7.65	2.07	7.59	2.13	-0.58
		1955	76.25	55.85	-15.53	36.44	3.88	-31.76	2.40	0.78	2.03	1.15	-0.68
		1974	51.99	33.94	-4.67	25.89	3.37	-15.68	2.31	-0.59	1.99	-0.27	-0.90
		243	73.07	38.39	-3.41	29.03	5.94	-17.42	6.91	2.13	6.78	2.25	-0.77
1697	3	194	14.68	9.87	-0.20	9.38	0.29	-2.17	1.28	0.32	1.11	0.50	0.37
		1955	12.97	9.41	-0.74	7.43	1.23	-4.02	0.70	-0.32	0.35	0.04	0.48
		1974	6.71	6.04	0.30	5.04	1.30	-2.18	0.31	-0.22	0.25	-0.16	0.17
		243	9.45	6.20	0.50	4.91	1.79	-2.39	1.10	0.09	0.95	0.24	0.35
1697	4	194	39.02	23.02	-3.78	20.11	-0.86	-8.34	2.87	0.83	2.85	0.86	-0.22
		1955	29.31	21.59	-5.98	13.58	2.03	-12.52	0.90	0.29	0.77	0.43	-0.25
		1974	20.16	13.35	-1.87	9.73	1.76	-6.48	0.91	-0.16	0.79	-0.05	-0.34
		243	27.73	15.13	-1.38	10.89	2.85	-7.21	2.55	0.76	2.50	0.81	-0.28
1698	1	1955	24.10	15.73	0.98	15.33	1.38	-2.41	1.86	-1.62	0.71	-0.48	1.64
		1956	21.66	14.22	0.39	13.51	1.10	-3.05	0.94	-2.07	0.22	-1.35	1.29
		1975	15.27	9.36	1.10	9.09	1.37	-1.45	0.19	-1.91	-0.13	-1.60	0.75
		1974	14.37	10.11	1.52	9.89	1.74	-1.35	0.85	-1.15	0.28	-0.57	0.91
1698	2	1955	79.56	51.20	-15.39	32.81	3.01	-29.77	4.69	2.07	4.48	2.29	-0.72
		1956	66.85	40.85	-17.47	18.37	5.01	-28.38	3.02	0.58	1.82	1.77	-1.22
		1975	53.19	26.68	-8.00	15.92	2.76	-16.04	1.71	-2.90	1.06	-2.25	-1.60
		1974	54.49	35.04	-4.92	26.55	3.56	-16.34	2.09	-1.23	1.67	-0.81	-1.10
1698	3	1955	11.32	8.79	-0.52	7.04	1.22	-3.63	0.80	-0.22	0.55	0.03	0.44
		1956	10.12	7.52	-0.94	5.40	1.18	-3.67	0.34	-0.42	0.20	-0.28	0.29
		1975	6.62	5.14	-0.17	3.96	1.02	-2.21	0.08	-0.61	0.06	-0.59	0.11
		1974	6.70	6.13	0.20	5.04	1.30	-2.30	0.30	-0.25	0.23	-0.18	0.18
1698	4	1955	30.35	19.83	-5.90	12.22	1.71	-11.74	1.75	0.77	1.67	0.85	-0.26
		1956	25.81	15.99	-6.81	6.84	2.34	-11.17	1.11	0.21	0.67	0.65	-0.45
		1975	20.39	10.63	-3.22	5.98	1.43	-6.54	0.66	-1.03	0.42	-0.79	-0.59
		1974	21.03	13.78	-1.97	9.97	1.84	-6.74	0.81	-0.41	0.65	-0.25	-0.41
1699	1	1956	21.39	14.15	0.51	13.49	1.17	-2.93	0.98	-2.07	0.29	-1.38	1.28
		1957	20.22	12.49	-0.21	11.61	0.67	-3.23	0.34	-2.43	-0.06	-2.03	0.97
		1976	16.31	8.06	0.54	7.74	0.86	-1.51	-0.21	-2.40	-0.39	-2.23	0.60
		1975	15.08	9.30	1.02	9.03	1.29	-1.45	0.21	-1.86	-0.11	-1.54	0.76
1699	2	1956	67.26	40.24	-17.34	18.07	4.84	-28.02	3.53	1.13	2.73	1.94	-1.13
		1957	58.90	31.06	-19.54	6.32	5.21	-25.29	2.26	-0.44	0.94	0.88	-1.35
		1976	48.21	18.99	-10.56	5.41	3.02	-14.73	0.73	-4.01	-0.12	-3.16	-1.82
		1975	51.54	26.61	-7.80	15.88	2.94	-15.94	1.35	-2.95	0.66	-2.26	-1.58
1699	3	1956	9.92	7.44	-0.87	5.37	1.20	-3.60	0.42	-0.40	0.29	-0.27	0.30
		1957	8.86	6.14	-1.27	3.89	0.98	-3.41	0.11	-0.60	0.05	-0.55	0.19
		1976	6.51	3.99	-0.51	2.70	0.79	-2.04	-0.10	-0.85	-0.11	-0.85	0.05
		1975	6.47	5.12	-0.18	3.93	1.00	-2.21	0.06	-0.60	0.04	-0.58	0.11
1699	4	1956	25.90	15.75	-6.74	6.72	2.29	-11.03	1.30	0.42	1.01	0.71	-0.41
		1957	22.77	12.27	-7.63	2.32	2.32	-9.95	0.82	-0.16	0.35	0.32	-0.49
		1976	18.43	7.68	-4.25	2.01	1.43	-5.96	0.29	-1.44	-0.03	-1.13	-0.67
		1975	19.80	10.60	-3.15	5.96	1.49	-6.50	0.52	-1.05	0.27	-0.79	-0.58
1700	1	1957	20.31	12.45	-0.16	11.59	0.71	-3.18	0.37	-2.42	-0.03	-2.02	0.98
		1958	19.88	10.74	-0.79	9.65	0.30	-3.37	-0.08	-2.70	-0.29	-2.49	0.71
		1977	17.51	6.71	0.02	6.29	0.44	-1.62	-0.55	-2.83	-0.64	-2.75	0.43
		1976	16.24	8.05	0.51	7.73	0.83	-1.52	-0.22	-2.39	-0.39	-2.22	0.59
1700	2	1957	58.45	30.86	-19.46	6.17	5.23	-25.15	2.40	-0.22	1.24	0.94	-1.30
		1958	53.49	23.52	-21.93	-3.74	5.33	-22.27	1.26	-1.51	-0.10	-0.16	-1.38
		1977	46.72	13.40	-14.01	-3.69	3.08	-13.28	-0.28	-5.06	-1.23	-4.12	-1.91
		1976	48.08	19.03	-10.55	5.47	3.01	-14.74	0.58	-4.08	-0.31	-3.19	-1.82
1700	3	1957	8.82	6.11	-1.24	3.87	0.99	-3.38	0.14	-0.60	0.08	-0.54	0.20
		1958	8.09	4.91	-1.61	2.50	0.79	-3.14	-0.08	-0.78	-0.10	-0.76	0.11
		1977	6.91	2.97	-0.89	1.50	0.59	-1.88	-0.27	-1.08	-0.27	-1.08	-6.68e-03
		1976	6.51	3.99	-0.52	2.69	0.77	-2.05	-0.12	-0.85	-0.12	-0.85	0.05
1700	4	1957	22.58	12.19	-7.59	2.27	2.33	-9.89	0.88	-0.08	0.46	0.34	-0.48
		1958	20.64	9.35	-8.53	-1.46	2.29	-8.74	0.45	-0.56	-0.04	-0.07	-0.51
		1977	17.75	5.47	-5.56	-1.46	1.37	-5.33	-0.09	-1.84	-0.44	-1.48	-0.70
		1976	18.38	7.69	-4.25	2.02	1.42	-5.96	0.23	-1.47	-0.10	-1.14	-0.67
1701	1	1958	19.86	10.71	-0.77	9.63	0.31	-3.35	-0.07	-2.70	-0.28	-2.49	0.71
		1959	19.68	9.03	-1.31	7.70	0.02	-3.46	-0.40	-2.90	-0.49	-2.81	0.47
		1978	18.76	5.41	-0.46	4.83	0.12	-1.75	-0.81	-3.20	-0.85	-3.17	0.27
		1977	17.51	6.71	5.22e-03	6.29	0.43	-1.63	-0.56	-2.83	-0.64	-2.75	0.43
1701	2	1958	53.19	23.41	-21.93	-3.86	5.34	-22.20	1.30	-1.44	-3.56e-03	-0.13	-1.37
		1959	50.93	17.77	-24.66	-12.24	5.36	-19.30	0.21	-2.53	-1.12	-1.20	-1.36
		1978	47.69	9.61	-17.98	-11.43	3.07	-11.74	-1.23	-5.99	-2.17	-5.05	-1.89
		1977	46.94	13.44	-13.98	-3.62	3.08	-13.29	-0.32	-5.10	-1.29	-4.13	-1.92
1701	3	1958	8.08	4.88	-1.60	2.49	0.80	-3.13	-0.07	-0.77	-0.09	-0.75	0.12
		1959	7.65	3.82	-1.95	1.23	0.65	-2.87	-0.23	-0.93	-0.23	-0.93	0.04
		1978	7.51	2.13	-1.31	0.39	0.43	-1.72	-0.40	-1.28	-0.41	-1.28	-0.05
		1977	6.91	2.98	-0.89	1.50	0.58	-1.88	-0.27	-1.08	-0.27	-1.08	-8.37e-03
1701	4	1958	20.52	9.31	-8.53	-1.51	2.29	-8.71	0.47	-0.53	-4.28e-03	-0.06	-0.50
		1959	19.57	7.09	-9.54	-4.68	2.23	-7.56	0.06	-0.93	-0.42	-0.45	-0.50
		1978	18.02	3.93	-7.05	-4.43	1.30	-4.68	-0.45	-2.18	-0.80	-1.83	-0.69
		1977	17.83	5.48	-5.55	-1.44	1.37	-5.34	-0.11	-1.85	-0.47	-1.49	-0.70



1702	1	1959	19.65	9.00	-1.30	7.67	0.03	-3.45	-0.39	-2.89	-0.48	-2.80	0.47
		1960	19.53	7.43	-1.76	5.82	-0.15	-3.49	-0.62	-3.03	-0.64	-3.00	0.25
		1979	19.83	4.22	-0.90	3.41	-0.09	-1.87	-1.00	-3.48	-1.01	-3.47	0.13
		1978	18.76	5.41	-0.46	4.83	0.12	-1.75	-0.82	-3.20	-0.85	-3.17	0.27
1702	2	1959	50.82	17.70	-24.70	-12.35	5.34	-19.27	0.22	-2.50	-1.08	-1.20	-1.36
		1960	50.49	13.49	-27.52	-19.35	5.32	-16.39	-0.83	-3.41	-2.03	-2.21	-1.28
		1979	49.70	7.11	-22.02	-17.92	3.01	-10.13	-2.12	-6.75	-2.96	-5.91	-1.78
		1978	47.86	9.64	-17.94	-11.37	3.07	-11.75	-1.23	-6.01	-2.19	-5.06	-1.91
1702	3	1959	7.64	3.81	-1.94	1.22	0.65	-2.86	-0.23	-0.93	-0.23	-0.92	0.04
		1960	7.46	2.91	-2.29	0.09	0.54	-2.59	-0.35	-1.06	-0.35	-1.06	-0.02
		1979	8.18	1.50	-1.78	-0.60	0.32	-1.57	-0.51	-1.44	-0.52	-1.44	-0.09
		1978	7.51	2.14	-1.31	0.40	0.43	-1.72	-0.40	-1.28	-0.41	-1.28	-0.05
1702	4	1959	19.52	7.06	-9.55	-4.72	2.22	-7.55	0.07	-0.93	-0.41	-0.45	-0.50
		1960	19.30	5.38	-10.59	-7.37	2.16	-6.41	-0.32	-1.26	-0.76	-0.82	-0.47
		1979	18.72	2.88	-8.57	-6.92	1.24	-4.02	-0.78	-2.47	-1.09	-2.16	-0.66
		1978	18.08	3.94	-7.03	-4.40	1.31	-4.68	-0.45	-2.19	-0.80	-1.84	-0.70
1703	1	1960	19.51	7.41	-1.75	5.80	-0.14	-3.49	-0.62	-3.03	-0.64	-3.00	0.25
		1961	19.34	6.00	-2.14	4.07	-0.22	-3.46	-0.76	-3.10	-0.76	-3.10	0.05
		1980	20.58	3.21	-1.34	2.07	-0.21	-1.97	-1.13	-3.67	-1.13	-3.67	-1.92e-03
		1979	19.83	4.22	-0.90	3.41	-0.09	-1.87	-1.00	-3.48	-1.01	-3.47	0.13
1703	2	1960	50.49	13.45	-27.58	-19.43	5.30	-16.37	-0.83	-3.41	-2.02	-2.21	-1.29
		1961	51.30	10.38	-30.29	-25.16	5.25	-13.50	-1.82	-4.13	-2.82	-3.12	-1.15
		1980	51.92	5.44	-25.74	-23.24	2.94	-8.47	-2.94	-7.34	-3.61	-6.66	-1.59
		1979	49.80	7.13	-21.98	-17.87	3.02	-10.13	-2.12	-6.76	-2.97	-5.91	-1.80
1703	3	1960	7.46	2.90	-2.29	0.07	0.54	-2.58	-0.35	-1.06	-0.35	-1.06	-0.02
		1961	7.44	2.18	-2.63	-0.92	0.47	-2.30	-0.44	-1.16	-0.44	-1.15	-0.07
		1980	8.78	1.05	-2.27	-1.47	0.24	-1.42	-0.59	-1.57	-0.61	-1.55	-0.11
		1979	8.18	1.50	-1.77	-0.59	0.32	-1.57	-0.51	-1.44	-0.52	-1.44	-0.09
1703	4	1960	19.30	5.36	-10.61	-7.40	2.15	-6.40	-0.32	-1.26	-0.76	-0.82	-0.47
		1961	19.54	4.12	-11.61	-9.58	2.09	-5.28	-0.68	-1.53	-1.05	-1.16	-0.42
		1980	19.55	2.18	-9.97	-8.97	1.18	-3.35	-1.09	-2.69	-1.34	-2.44	-0.58
		1979	18.76	2.89	-8.55	-6.90	1.24	-4.02	-0.78	-2.47	-1.10	-2.16	-0.66
1704	1	1961	19.33	5.98	-2.15	4.06	-0.22	-3.46	-0.76	-3.10	-0.76	-3.09	0.05
		1962	19.05	4.77	-2.49	2.49	-0.21	-3.37	-0.84	-3.11	-0.84	-3.10	-0.12
		1981	20.97	2.41	-1.80	0.86	-0.25	-2.03	-1.21	-3.78	-1.22	-3.77	-0.11
		1980	20.58	3.21	-1.34	2.08	-0.20	-1.97	-1.13	-3.67	-1.13	-3.67	-3.18e-03
1704	2	1961	51.35	10.36	-30.35	-25.23	5.23	-13.50	-1.81	-4.13	-2.82	-3.12	-1.15
		1962	52.64	8.18	-32.74	-29.75	5.19	-10.65	-2.70	-4.66	-3.47	-3.89	-0.95
		1981	53.91	4.31	-28.88	-27.44	2.86	-6.77	-3.66	-7.75	-4.14	-7.28	-1.31
		1980	51.98	5.45	-25.70	-23.19	2.95	-8.47	-2.93	-7.35	-3.62	-6.66	-1.60
1704	3	1961	7.44	2.17	-2.63	-0.93	0.47	-2.30	-0.44	-1.16	-0.44	-1.15	-0.07
		1962	7.59	1.62	-2.95	-1.77	0.44	-2.00	-0.50	-1.22	-0.52	-1.21	-0.10
		1981	9.26	0.74	-2.75	-2.20	0.20	-1.27	-0.66	-1.65	-0.67	-1.63	-0.13
		1980	8.78	1.05	-2.27	-1.46	0.24	-1.42	-0.59	-1.57	-0.61	-1.55	-0.11
1704	4	1961	19.55	4.11	-11.63	-9.61	2.08	-5.27	-0.68	-1.53	-1.05	-1.16	-0.42
		1962	19.99	3.22	-12.51	-11.33	2.04	-4.16	-1.01	-1.73	-1.30	-1.44	-0.35
		1981	20.32	1.70	-11.17	-10.59	1.12	-2.67	-1.36	-2.85	-1.54	-2.67	-0.48
		1980	19.57	2.18	-9.96	-8.95	1.18	-3.35	-1.09	-2.70	-1.34	-2.44	-0.59
1705	1	1962	19.04	4.76	-2.49	2.48	-0.21	-3.37	-0.84	-3.11	-0.84	-3.10	-0.12
		1963	18.59	3.75	-2.79	1.10	-0.14	-3.21	-0.86	-3.07	-0.90	-3.03	-0.27
		1982	20.96	1.83	-2.28	-0.21	-0.24	-2.06	-1.25	-3.80	-1.26	-3.78	-0.20
		1981	20.97	2.42	-1.80	0.87	-0.25	-2.03	-1.21	-3.78	-1.22	-3.77	-0.11
1705	2	1962	52.70	8.16	-32.79	-29.80	5.17	-10.65	-2.70	-4.66	-3.46	-3.89	-0.96
		1963	53.98	6.67	-34.70	-33.18	5.14	-7.80	-3.46	-4.99	-3.96	-4.49	-0.72
		1982	55.43	3.54	-31.31	-30.57	2.80	-5.03	-4.25	-8.01	-4.53	-7.74	-0.98
		1981	53.94	4.31	-28.85	-27.40	2.87	-6.77	-3.65	-7.76	-4.14	-7.28	-1.32
1705	3	1962	7.59	1.61	-2.96	-1.78	0.43	-2.00	-0.50	-1.22	-0.52	-1.21	-0.10
		1963	7.79	1.20	-3.25	-2.48	0.43	-1.69	-0.55	-1.26	-0.57	-1.23	-0.13
		1982	9.57	0.55	-3.17	-2.80	0.18	-1.10	-0.70	-1.69	-0.72	-1.67	-0.13
		1981	9.26	0.75	-2.74	-2.20	0.20	-1.27	-0.66	-1.65	-0.67	-1.63	-0.13
1705	4	1962	20.02	3.22	-12.53	-11.35	2.03	-4.16	-1.01	-1.73	-1.29	-1.44	-0.35
		1963	20.47	2.61	-13.24	-12.63	2.00	-3.05	-1.29	-1.85	-1.48	-1.66	-0.27
		1982	20.91	1.38	-12.10	-11.80	1.08	-1.98	-1.58	-2.95	-1.69	-2.85	-0.36
		1981	20.33	1.71	-11.15	-10.58	1.13	-2.67	-1.36	-2.85	-1.54	-2.67	-0.49
1706	1	1963	18.59	3.74	-2.80	1.09	-0.14	-3.21	-0.86	-3.06	-0.90	-3.03	-0.27
		1964	17.95	2.94	-3.04	-0.08	-0.02	-2.99	-0.85	-2.97	-0.92	-2.90	-0.39
		1983	20.56	1.44	-2.73	-1.12	-0.18	-2.03	-1.25	-3.73	-1.28	-3.70	-0.28
		1982	20.96	1.84	-2.28	-0.20	-0.24	-2.06	-1.25	-3.79	-1.26	-3.78	-0.21
1706	2	1963	54.03	6.66	-34.74	-33.22	5.13	-7.80	-3.45	-5.00	-3.96	-4.49	-0.72
		1964	55.01	5.72	-36.08	-35.49	5.13	-4.94	-4.05	-5.13	-4.29	-4.89	-0.45
		1983	56.40	3.06	-32.95	-32.65	2.76	-3.26	-4.68	-8.15	-4.78	-8.04	-0.59
		1982	55.46	3.55	-31.28	-30.54	2.81	-5.03	-4.25	-8.02	-4.53	-7.74	-0.99
1706	3	1963	7.79	1.20	-3.26	-2.48	0.43	-1.69	-0.55	-1.26	-0.57	-1.23	-0.13
		1964	7.82	0.92	-3.49	-3.02	0.46	-1.36	-0.57	-1.26	-0.60	-1.22	-0.15
		1983	9.69	0.42	-3.49	-3.26	0.19	-0.93	-0.73	-1.69	-0.75	-1.67	-0.13
		1982	9.56	0.55	-3.16	-2.80	0.18	-1.10	-0.70	-1.69	-0.72	-1.67	-0.13
1706	4	1963	20.49	2.60	-13.26	-12.65	1.99	-3.05	-1.29	-1.85	-1.48	-1.66	-0.27



		1964	20.84	2.22	-13.75	-13.51	1.98	-1.93	-1.51	-1.91	-1.60	-1.81	-0.17
		1983	21.29	1.18	-12.72	-12.60	1.06	-1.29	-1.74	-3.00	-1.78	-2.96	-0.22
		1982	20.92	1.38	-12.09	-11.79	1.09	-1.98	-1.58	-2.95	-1.69	-2.85	-0.37
1707	1	1964	17.94	2.93	-3.05	-0.09	-0.03	-2.99	-0.85	-2.97	-0.92	-2.90	-0.39
		1965	17.09	2.32	-3.23	-1.05	0.14	-2.71	-0.79	-2.83	-0.92	-2.70	-0.49
		1984	19.78	1.18	-3.11	-1.85	-0.08	-1.95	-1.21	-3.60	-1.26	-3.55	-0.34
1707	2	1983	20.56	1.44	-2.73	-1.11	-0.18	-2.03	-1.25	-3.73	-1.28	-3.70	-0.28
		1964	55.05	5.72	-36.11	-35.51	5.12	-4.94	-4.04	-5.14	-4.29	-4.89	-0.46
		1965	55.55	5.26	-36.80	-36.70	5.16	-2.05	-4.42	-5.11	-4.45	-5.07	-0.16
		1984	56.80	2.81	-33.77	-33.71	2.75	-1.44	-4.90	-8.18	-4.91	-8.17	-0.18
1707	3	1983	56.42	3.07	-32.93	-32.64	2.77	-3.25	-4.67	-8.15	-4.78	-8.04	-0.60
		1964	7.82	0.92	-3.50	-3.03	0.45	-1.36	-0.57	-1.26	-0.60	-1.22	-0.15
		1965	7.66	0.75	-3.66	-3.41	0.50	-1.01	-0.57	-1.22	-0.62	-1.18	-0.16
		1984	9.62	0.35	-3.71	-3.57	0.22	-0.73	-0.73	-1.65	-0.75	-1.64	-0.12
1707	4	1983	9.69	0.42	-3.49	-3.26	0.19	-0.93	-0.73	-1.69	-0.75	-1.67	-0.13
		1964	20.86	2.22	-13.76	-13.52	1.98	-1.93	-1.51	-1.91	-1.60	-1.81	-0.17
		1965	21.03	2.03	-14.02	-13.97	1.99	-0.81	-1.65	-1.90	-1.66	-1.88	-0.06
		1984	21.45	1.08	-13.04	-13.01	1.05	-0.58	-1.83	-3.01	-1.83	-3.01	-0.07
1708	1	1983	21.30	1.18	-12.72	-12.60	1.06	-1.29	-1.74	-3.00	-1.78	-2.96	-0.23
		1965	17.09	2.31	-3.23	-1.06	0.14	-2.71	-0.79	-2.83	-0.92	-2.70	-0.49
		1966	16.00	1.86	-3.31	-1.79	0.35	-2.36	-0.70	-2.65	-0.89	-2.46	-0.57
		1985	18.64	1.02	-3.35	-2.40	0.06	-1.81	-1.15	-3.39	-1.21	-3.33	-0.38
1708	2	1984	19.78	1.18	-3.10	-1.85	-0.08	-1.95	-1.21	-3.60	-1.26	-3.55	-0.34
		1965	55.57	5.25	-36.81	-36.71	5.15	-2.06	-4.41	-5.11	-4.46	-5.07	-0.16
		1966	55.54	5.23	-36.84	-36.82	5.21	0.88	-4.42	-5.05	-4.45	-5.02	0.14
		1985	56.63	2.77	-33.75	-33.74	2.76	0.41	-4.88	-8.13	-4.90	-8.12	0.25
1708	3	1984	56.80	2.81	-33.76	-33.70	2.76	-1.44	-4.90	-8.18	-4.91	-8.17	-0.19
		1965	7.67	0.75	-3.66	-3.42	0.50	-1.01	-0.57	-1.22	-0.62	-1.18	-0.16
		1966	7.32	0.67	-3.73	-3.64	0.57	-0.63	-0.56	-1.15	-0.61	-1.10	-0.17
		1985	9.36	0.33	-3.80	-3.73	0.26	-0.52	-0.72	-1.58	-0.74	-1.57	-0.10
1708	4	1984	9.62	0.35	-3.71	-3.57	0.22	-0.73	-0.73	-1.65	-0.75	-1.64	-0.12
		1965	21.04	2.03	-14.02	-13.98	1.99	-0.81	-1.65	-1.90	-1.67	-1.88	-0.06
		1966	21.01	2.02	-14.02	-14.02	2.02	0.32	-1.66	-1.87	-1.67	-1.86	0.05
		1985	21.37	1.06	-13.02	-13.02	1.06	0.14	-1.82	-3.00	-1.83	-2.99	0.09
1709	1	1984	21.45	1.08	-13.03	-13.01	1.06	-0.58	-1.83	-3.01	-1.83	-3.01	-0.08
		1966	16.00	1.86	-3.32	-1.80	0.34	-2.36	-0.70	-2.65	-0.89	-2.46	-0.57
		1967	14.69	1.55	-3.27	-2.31	0.59	-1.93	-0.58	-2.43	-0.83	-2.18	-0.63
		1986	17.15	0.93	-3.44	-2.74	0.23	-1.60	-1.06	-3.13	-1.14	-3.05	-0.41
1709	2	1985	18.64	1.02	-3.35	-2.39	0.06	-1.81	-1.15	-3.39	-1.21	-3.33	-0.38
		1966	55.55	5.23	-36.83	-36.81	5.21	0.87	-4.42	-5.05	-4.46	-5.02	0.14
		1967	55.02	5.65	-36.19	-35.83	5.29	3.86	-4.01	-5.01	-4.28	-4.73	0.45
		1986	55.96	2.94	-32.89	-32.74	2.79	2.30	-4.62	-8.02	-4.76	-7.88	0.68
1709	3	1985	56.62	2.77	-33.75	-33.75	2.77	0.41	-4.88	-8.13	-4.90	-8.11	0.24
		1966	7.32	0.67	-3.73	-3.64	0.57	-0.63	-0.56	-1.15	-0.61	-1.10	-0.17
		1967	6.92	0.68	-3.71	-3.70	0.67	-0.23	-0.52	-1.06	-0.58	-1.00	-0.16
		1986	8.92	0.34	-3.76	-3.74	0.32	-0.27	-0.69	-1.48	-0.70	-1.47	-0.08
1709	4	1985	9.36	0.33	-3.80	-3.73	0.26	-0.52	-0.72	-1.58	-0.74	-1.57	-0.10
		1966	21.02	2.02	-14.02	-14.01	2.02	0.32	-1.66	-1.87	-1.67	-1.86	0.05
		1967	20.81	2.20	-13.77	-13.63	2.06	1.49	-1.51	-1.85	-1.60	-1.76	0.16
		1986	21.09	1.14	-12.69	-12.63	1.08	0.88	-1.73	-2.95	-1.77	-2.90	0.24
1710	1	1985	21.37	1.06	-13.03	-13.02	1.06	0.14	-1.82	-2.99	-1.83	-2.99	0.08
		1967	14.69	1.55	-3.27	-2.32	0.59	-1.93	-0.58	-2.43	-0.83	-2.18	-0.63
		1968	13.15	1.39	-3.09	-2.59	0.89	-1.41	-0.44	-2.19	-0.75	-1.87	-0.67
		1987	15.48	0.90	-3.34	-2.88	0.44	-1.32	-0.94	-2.82	-1.04	-2.71	-0.43
1710	2	1986	17.15	0.93	-3.44	-2.74	0.23	-1.60	-1.05	-3.13	-1.14	-3.05	-0.41
		1967	55.05	5.65	-36.17	-35.81	5.29	3.86	-4.02	-5.01	-4.29	-4.73	0.44
		1968	54.13	6.56	-34.90	-33.71	5.37	6.92	-3.33	-4.82	-3.94	-4.21	0.73
		1987	54.86	3.35	-31.20	-30.67	2.82	4.23	-4.13	-7.82	-4.49	-7.46	1.09
1710	3	1986	55.92	2.94	-32.90	-32.75	2.79	2.30	-4.62	-8.02	-4.75	-7.88	0.67
		1967	6.91	0.68	-3.71	-3.70	0.67	-0.23	-0.52	-1.06	-0.58	-1.00	-0.16
		1968	6.55	0.80	-3.61	-3.60	0.79	0.21	-0.47	-0.93	-0.53	-0.87	-0.16
		1987	8.31	0.41	-3.59	-3.59	0.41	-1.96e-04	-0.65	-1.34	-0.65	-1.34	-0.06
1710	4	1986	8.92	0.34	-3.76	-3.74	0.32	-0.27	-0.69	-1.48	-0.70	-1.47	-0.08
		1967	20.82	2.20	-13.77	-13.63	2.06	1.49	-1.51	-1.85	-1.61	-1.76	0.16
		1968	20.47	2.58	-13.29	-12.82	2.11	2.68	-1.26	-1.79	-1.48	-1.57	0.26
		1987	20.64	1.32	-12.03	-11.83	1.11	1.64	-1.54	-2.87	-1.67	-2.75	0.39
1711	1	1986	21.08	1.14	-12.69	-12.64	1.08	0.88	-1.72	-2.95	-1.77	-2.90	0.24
		1968	13.15	1.38	-3.09	-2.59	0.88	-1.41	-0.44	-2.18	-0.75	-1.87	-0.67
		1969	11.48	1.40	-2.79	-2.63	1.24	-0.81	-0.26	-1.92	-0.65	-1.53	-0.70
		1988	13.90	0.94	-3.04	-2.80	0.70	-0.95	-0.79	-2.46	-0.91	-2.34	-0.44
1711	2	1987	15.48	0.90	-3.34	-2.88	0.44	-1.32	-0.93	-2.82	-1.04	-2.71	-0.43
		1968	54.23	6.57	-34.87	-33.68	5.38	6.93	-3.35	-4.84	-3.97	-4.22	0.74
		1969	53.10	8.06	-33.04	-30.41	5.44	10.05	-2.46	-4.45	-3.43	-3.48	0.99
		1988	53.44	4.06	-28.71	-27.50	2.85	6.18	-3.45	-7.50	-4.08	-6.86	1.47
1711	3	1987	54.76	3.35	-31.22	-30.70	2.82	4.23	-4.12	-7.81	-4.47	-7.46	1.08
		1968	6.54	0.80	-3.61	-3.60	0.78	0.21	-0.47	-0.93	-0.53	-0.87	-0.16
		1969	6.19	1.04	-3.43	-3.32	0.93	0.69	-0.39	-0.79	-0.46	-0.72	-0.15



		1988	7.55	0.54	-3.30	-3.28	0.51	0.31	-0.58	-1.18	-0.58	-1.18	-0.04
		1987	8.31	0.41	-3.59	-3.59	0.41	-9.33e-04	-0.64	-1.34	-0.65	-1.34	-0.06
1711	4	1968	20.51	2.58	-13.27	-12.81	2.12	2.69	-1.26	-1.79	-1.48	-1.57	0.26
		1969	20.09	3.21	-12.59	-11.55	2.18	3.91	-0.94	-1.64	-1.28	-1.30	0.35
		1988	20.07	1.63	-11.08	-10.60	1.15	2.42	-1.29	-2.75	-1.52	-2.52	0.53
		1987	20.61	1.32	-12.04	-11.84	1.11	1.64	-1.54	-2.87	-1.67	-2.74	0.39
1712	1	1969	11.46	1.40	-2.79	-2.63	1.24	-0.80	-0.27	-1.92	-0.66	-1.53	-0.70
		1970	11.11	1.68	-2.43	-2.42	1.67	-0.10	-0.06	-1.64	-0.53	-1.17	-0.72
		1989	12.27	1.09	-2.54	-2.48	1.02	-0.49	-0.62	-2.08	-0.76	-1.93	-0.44
		1988	13.90	0.94	-3.04	-2.80	0.70	-0.95	-0.78	-2.46	-0.91	-2.34	-0.44
1712	2	1969	53.44	8.08	-32.99	-30.36	5.45	10.07	-2.49	-4.50	-3.49	-3.49	1.01
		1970	52.23	10.34	-30.71	-25.86	5.48	13.26	-1.43	-3.85	-2.73	-2.55	1.21
		1989	51.87	5.19	-25.49	-23.16	2.87	8.12	-2.61	-7.03	-3.55	-6.09	1.80
		1988	53.20	4.05	-28.74	-27.53	2.84	6.17	-3.43	-7.47	-4.04	-6.86	1.45
1712	3	1969	6.17	1.04	-3.43	-3.32	0.93	0.70	-0.40	-0.79	-0.47	-0.72	-0.15
		1970	5.93	1.46	-3.21	-2.87	1.12	1.22	-0.30	-0.62	-0.37	-0.55	-0.14
		1989	6.68	0.77	-2.91	-2.79	0.65	0.66	-0.49	-1.00	-0.49	-1.00	-0.01
		1988	7.55	0.54	-3.30	-3.28	0.51	0.31	-0.58	-1.18	-0.58	-1.18	-0.04
1712	4	1969	20.22	3.22	-12.57	-11.53	2.18	3.92	-0.95	-1.67	-1.31	-1.30	0.36
		1970	19.81	4.16	-11.73	-9.81	2.24	5.18	-0.56	-1.42	-1.02	-0.96	0.43
		1989	19.47	2.13	-9.85	-8.92	1.20	3.21	-0.98	-2.57	-1.32	-2.23	0.65
		1988	19.98	1.63	-11.09	-10.61	1.15	2.42	-1.28	-2.74	-1.51	-2.52	0.52
1713	1	1970	11.06	1.67	-2.42	-2.42	1.66	-0.09	-0.08	-1.64	-0.54	-1.18	-0.71
		1971	11.18	2.34	-2.09	-1.97	2.22	0.72	0.17	-1.34	-0.37	-0.80	-0.73
		1990	10.76	1.44	-1.92	-1.91	1.44	0.09	-0.42	-1.67	-0.60	-1.49	-0.44
		1989	12.29	1.09	-2.54	-2.48	1.02	-0.49	-0.61	-2.08	-0.76	-1.93	-0.45
1713	2	1970	53.25	10.37	-30.66	-25.77	5.49	13.29	-1.49	-4.02	-2.91	-2.59	1.25
		1971	51.80	13.60	-28.06	-19.95	5.48	16.50	-0.25	-3.01	-1.79	-1.46	1.37
		1990	50.43	7.00	-21.69	-17.60	2.91	10.03	-1.70	-6.39	-2.93	-5.17	2.06
		1989	51.32	5.18	-25.53	-23.21	2.86	8.12	-2.55	-6.96	-3.44	-6.07	1.77
1713	3	1970	5.87	1.46	-3.21	-2.86	1.11	1.23	-0.32	-0.63	-0.39	-0.55	-0.13
		1971	5.92	2.09	-2.97	-2.23	1.35	1.79	-0.17	-0.45	-0.26	-0.36	-0.13
		1990	5.77	1.17	-2.46	-2.13	0.83	1.05	-0.39	-0.80	-0.39	-0.80	7.14e-03
		1989	6.70	0.77	-2.91	-2.79	0.65	0.65	-0.48	-1.00	-0.48	-1.00	-0.02
1713	4	1970	20.20	4.18	-11.71	-9.78	2.24	5.19	-0.58	-1.49	-1.09	-0.97	0.45
		1971	19.74	5.51	-10.76	-7.56	2.31	6.46	-0.12	-1.11	-0.68	-0.56	0.49
		1990	18.96	2.91	-8.42	-6.77	1.27	3.99	-0.64	-2.33	-1.09	-1.89	0.75
		1989	19.26	2.12	-9.86	-8.94	1.19	3.20	-0.96	-2.55	-1.28	-2.22	0.64
1714	1	1971	11.04	2.33	-2.10	-1.97	2.20	0.75	0.12	-1.36	-0.42	-0.81	-0.71
		1972	11.84	3.48	-1.82	-1.25	2.91	1.64	0.45	-1.04	-0.18	-0.42	-0.73
		1991	9.53	2.20	-1.33	-1.14	2.01	0.80	-0.21	-1.25	-0.43	-1.03	-0.42
		1990	10.82	1.44	-1.91	-1.90	1.44	0.09	-0.40	-1.67	-0.57	-1.49	-0.44
1714	2	1971	54.62	13.70	-28.04	-19.84	5.51	16.58	-0.45	-3.51	-2.37	-1.59	1.48
		1972	51.79	17.97	-25.05	-12.41	5.33	19.60	1.05	-1.82	-0.46	-0.31	1.44
		1991	48.99	9.81	-17.58	-10.94	3.18	11.73	-0.86	-5.57	-2.35	-4.08	2.19
		1990	49.32	6.96	-21.73	-17.64	2.87	10.03	-1.47	-6.23	-2.60	-5.10	2.03
1714	3	1971	5.74	2.10	-2.98	-2.22	1.34	1.81	-0.22	-0.46	-0.31	-0.37	-0.12
		1972	6.28	2.95	-2.71	-1.39	1.63	2.39	4.11e-03	-0.26	-0.09	-0.16	-0.13
		1991	4.94	1.80	-2.01	-1.31	1.10	1.48	-0.30	-0.58	-0.30	-0.58	0.02
		1990	5.84	1.16	-2.46	-2.12	0.83	1.04	-0.36	-0.79	-0.36	-0.79	3.91e-03
1714	4	1971	20.80	5.55	-10.75	-7.52	2.32	6.50	-0.19	-1.30	-0.89	-0.60	0.53
		1972	19.87	7.30	-9.65	-4.70	2.35	7.71	0.36	-0.67	-0.18	-0.13	0.52
		1991	18.54	4.12	-6.89	-4.22	1.45	4.72	-0.32	-2.03	-0.86	-1.48	0.79
		1990	18.54	2.90	-8.43	-6.79	1.26	3.99	-0.55	-2.28	-0.96	-1.86	0.74
1715	1	1972	11.58	3.50	-1.87	-1.26	2.89	1.70	0.33	-1.10	-0.34	-0.43	-0.72
		1973	12.98	4.90	-1.44	-0.22	3.67	2.50	0.81	-0.72	0.11	-0.03	-0.76
		1992	8.75	3.57	-1.05	-0.40	2.92	1.60	0.09	-0.76	-0.22	-0.45	-0.41
		1991	9.70	2.21	-1.29	-1.08	2.01	0.82	-0.17	-1.25	-0.37	-1.04	-0.42
1715	2	1972	57.89	18.49	-24.99	-12.26	5.75	19.79	0.29	-3.35	-2.27	-0.79	1.66
		1973	52.00	22.34	-21.10	-2.50	3.74	21.50	2.51	-0.47	1.58	0.46	1.38
		1992	45.07	13.57	-13.05	-4.42	4.94	12.46	0.03	-4.20	-1.70	-2.47	2.08
		1991	47.93	9.73	-17.80	-10.81	2.74	11.98	-0.18	-5.17	-1.48	-3.87	2.19
1715	3	1972	5.96	3.00	-2.73	-1.38	1.65	2.43	-0.13	-0.35	-0.28	-0.20	-0.10
		1973	6.89	3.86	-2.28	-0.28	1.86	2.87	0.24	-0.07	0.15	0.02	-0.14
		1992	4.32	2.71	-1.61	-0.52	1.63	1.87	-0.18	-0.29	-0.18	-0.29	0.02
		1991	5.05	1.80	-2.01	-1.28	1.07	1.50	-0.21	-0.57	-0.21	-0.57	0.02
1715	4	1972	22.15	7.50	-9.64	-4.64	2.50	7.79	0.08	-1.24	-0.85	-0.31	0.60
		1973	20.06	9.08	-8.16	-0.96	1.88	8.50	0.91	-0.16	0.58	0.17	0.50
		1992	17.36	5.71	-5.20	-1.71	2.22	5.09	0.02	-1.52	-0.62	-0.89	0.76
		1991	18.12	4.09	-6.96	-4.16	1.29	4.81	-0.07	-1.88	-0.54	-1.40	0.80
1716	1	1973	13.57	5.20	-1.00	0.47	3.73	2.64	0.62	-1.03	-0.33	-0.08	-0.82
		168	10.46	5.43	-1.05	0.07	4.31	2.45	1.08	0.12	0.74	0.46	-0.46
		281	11.61	5.53	-1.38	0.19	3.96	2.89	1.03	-0.05	0.78	0.20	-0.45
		1992	8.59	3.49	-1.23	-0.61	2.87	1.59	0.13	-0.70	-0.17	-0.40	-0.40
1716	2	1973	51.30	26.10	-14.90	5.19	6.00	20.50	-0.80	-3.95	-3.14	-1.62	1.38
		168	50.02	16.28	-16.66	-1.80	1.41	16.40	5.22	0.29	4.72	0.79	1.49
		281	58.76	20.27	-12.73	2.93	4.62	16.48	5.10	-0.33	3.19	1.58	2.59



		1992	44.28	12.53	-16.63	-8.10	3.99	13.27	0.94	-3.05	-0.59	-1.52	1.94
1716	3	1973	7.07	4.25	-1.67	0.53	2.05	2.86	-0.05	-0.41	-0.32	-0.13	-0.15
		168	6.16	3.66	-1.81	-0.14	1.99	2.52	0.58	0.23	0.58	0.23	-0.03
		281	5.81	4.00	-1.66	0.27	2.07	2.68	0.44	0.15	0.43	0.15	0.04
		1992	4.37	2.60	-1.94	-0.87	1.53	1.93	-0.07	-0.21	-0.07	-0.20	0.02
1716	4	1973	19.84	10.48	-5.84	1.93	2.72	8.15	-0.30	-1.44	-1.16	-0.59	0.50
		168	19.26	6.94	-6.49	-0.69	1.14	6.65	1.94	0.15	1.76	0.33	0.54
		281	22.52	8.40	-5.06	1.08	2.27	6.71	1.84	-0.13	1.14	0.56	0.94
		1992	17.12	5.32	-6.54	-3.09	1.87	5.38	0.37	-1.10	-0.19	-0.54	0.71
1717	1	243	18.59	9.80	1.90	9.54	2.16	-1.40	2.33	-0.37	1.22	0.74	1.33
		1974	13.94	9.95	1.54	9.68	1.81	-1.48	0.78	-1.07	0.33	-0.62	0.80
		1993	10.48	7.29	1.59	7.20	1.69	-0.75	-0.05	-1.21	-0.31	-0.95	0.49
		193	12.56	7.89	0.48	7.39	0.99	-1.87	0.97	-0.45	0.79	-0.27	0.47
1717	2	243	77.38	38.96	-4.43	29.35	5.18	-18.02	7.86	3.44	7.70	3.60	-0.83
		1974	58.88	35.99	-6.21	26.16	3.62	-17.84	2.27	-1.54	1.45	-0.73	-1.57
		1993	40.61	25.83	0.85	24.57	2.11	-5.48	2.89	-1.10	0.92	0.87	-1.99
		193	79.12	43.01	-7.98	38.41	-3.38	-14.60	5.42	5.89e-03	5.29	0.14	-0.83
1717	3	243	9.47	6.44	0.34	5.12	1.65	-2.51	1.15	0.36	0.96	0.55	0.34
		1974	6.96	6.18	0.09	4.94	1.33	-2.45	0.27	-0.24	0.23	-0.21	0.12
		1993	4.76	4.69	0.64	4.25	1.08	-1.26	-0.02	-0.23	-0.02	-0.23	5.19e-03
		193	9.98	6.40	-0.40	5.43	0.57	-2.38	0.66	-0.12	0.66	-0.11	0.07
1717	4	243	29.44	15.32	-1.78	10.99	2.55	-7.43	2.94	1.34	2.88	1.40	-0.30
		1974	22.72	14.16	-2.47	9.83	1.87	-7.30	0.87	-0.54	0.57	-0.24	-0.58
		1993	15.92	10.18	0.42	9.39	1.20	-2.66	1.05	-0.41	0.34	0.31	-0.73
		193	30.27	16.79	-2.89	14.62	-0.73	-6.15	2.04	-0.04	1.99	9.43e-03	-0.31
1718	1	1974	14.10	10.34	1.61	10.04	1.91	-1.60	0.67	-1.28	0.18	-0.79	0.85
		1975	15.55	9.33	0.97	9.07	1.23	-1.45	0.27	-1.85	-0.03	-1.54	0.74
		1994	8.18	5.19	1.35	5.16	1.37	-0.31	-0.12	-1.15	-0.25	-1.02	0.34
		1993	10.34	6.41	1.24	6.37	1.28	-0.48	0.55	-0.73	0.35	-0.53	0.46
1718	2	1974	60.00	35.94	-5.96	26.32	3.66	-17.63	2.53	-1.53	1.83	-0.84	-1.53
		1975	52.40	26.49	-7.84	15.89	2.75	-15.86	1.60	-2.91	0.96	-2.26	-1.58
		1994	34.46	13.86	-0.04	11.13	2.69	-5.53	3.30	-0.79	1.11	1.40	-2.04
		1993	46.29	23.75	-0.47	22.22	1.07	-5.90	4.30	0.56	3.15	1.71	-1.72
1718	3	1974	7.08	6.31	0.12	5.07	1.36	-2.47	0.25	-0.29	0.22	-0.26	0.13
		1975	6.67	5.11	-0.20	3.94	0.97	-2.20	0.10	-0.59	0.09	-0.58	0.11
		1994	3.55	3.00	0.43	2.52	0.91	-1.00	0.02	-0.22	0.01	-0.21	-0.05
		1993	5.97	4.22	0.45	3.81	0.86	-1.18	0.36	-0.04	0.36	-0.04	0.02
1718	4	1974	23.14	14.15	-2.38	9.89	1.88	-7.22	0.97	-0.53	0.71	-0.27	-0.57
		1975	20.09	10.55	-3.16	5.97	1.42	-6.47	0.62	-1.03	0.38	-0.79	-0.58
		1994	13.58	5.75	-0.16	4.28	1.31	-2.55	1.21	-0.29	0.41	0.51	-0.75
		1993	17.98	9.41	-0.11	8.51	0.80	-2.79	1.60	0.22	1.19	0.63	-0.63
1719	1	1975	15.19	9.36	1.05	9.08	1.33	-1.50	0.17	-1.92	-0.14	-1.60	0.75
		1976	16.43	8.06	0.50	7.73	0.82	-1.52	-0.18	-2.39	-0.36	-2.22	0.59
		1995	9.48	4.01	0.90	3.99	0.92	-0.27	-0.39	-1.61	-0.43	-1.58	0.20
		1994	8.64	5.12	1.20	5.11	1.22	-0.25	0.07	-1.04	-0.02	-0.95	0.31
1719	2	1975	52.35	26.75	-7.91	15.81	3.03	-16.11	1.44	-2.98	0.72	-2.25	-1.63
		1976	47.93	18.92	-10.55	5.38	2.99	-14.69	0.68	-4.01	-0.17	-3.17	-1.80
		1995	33.85	7.60	-3.41	1.79	2.40	-5.50	2.82	-1.79	0.49	0.53	-2.30
		1994	36.18	13.49	-0.34	10.95	2.20	-5.35	3.74	-0.43	1.81	1.50	-2.08
1719	3	1975	6.52	5.16	-0.19	3.94	1.03	-2.24	0.05	-0.61	0.03	-0.60	0.10
		1976	6.50	3.99	-0.53	2.69	0.77	-2.04	-0.10	-0.85	-0.10	-0.85	0.05
		1995	3.61	1.93	0.06	1.34	0.66	-0.87	-0.06	-0.47	-0.09	-0.44	-0.11
		1994	4.12	2.92	0.38	2.48	0.82	-0.96	0.15	-0.18	0.14	-0.17	-0.06
1719	4	1975	20.11	10.66	-3.19	5.94	1.53	-6.57	0.56	-1.06	0.29	-0.79	-0.60
		1976	18.32	7.65	-4.25	1.99	1.41	-5.94	0.27	-1.44	-0.04	-1.13	-0.66
		1995	13.18	3.32	-1.54	0.68	1.10	-2.42	1.03	-0.66	0.18	0.19	-0.85
		1994	14.19	5.58	-0.26	4.21	1.11	-2.47	1.38	-0.15	0.68	0.55	-0.76
1720	1	1976	16.29	8.07	0.51	7.74	0.84	-1.54	-0.23	-2.41	-0.40	-2.23	0.60
		1977	17.56	6.71	8.93e-04	6.29	0.42	-1.63	-0.55	-2.83	-0.63	-2.75	0.43
		1996	11.97	2.92	0.51	2.87	0.56	-0.34	-0.65	-2.17	-0.65	-2.17	0.09
		1995	9.69	3.98	0.86	3.96	0.88	-0.24	-0.32	-1.59	-0.35	-1.56	0.18
1720	2	1976	47.87	19.04	-10.54	5.43	3.07	-14.74	0.58	-4.05	-0.28	-3.18	-1.80
		1977	46.79	13.37	-14.01	-3.72	3.07	-13.26	-0.29	-5.07	-1.25	-4.12	-1.92
		1996	35.23	4.82	-8.75	-6.18	2.25	-5.32	2.09	-2.76	-0.25	-0.42	-2.42
		1995	34.07	7.38	-3.43	1.68	2.26	-5.40	2.97	-1.70	0.71	0.56	-2.33
1720	3	1976	6.55	4.00	-0.52	2.70	0.78	-2.05	-0.12	-0.86	-0.12	-0.85	0.05
		1977	6.90	2.97	-0.90	1.49	0.58	-1.88	-0.27	-1.08	-0.27	-1.08	-7.98e-03
		1996	4.41	1.17	-0.42	0.27	0.48	-0.79	-0.18	-0.74	-0.22	-0.70	-0.15
		1995	3.74	1.89	0.06	1.32	0.63	-0.85	-0.02	-0.47	-0.05	-0.43	-0.11
1720	4	1976	18.31	7.70	-4.24	2.01	1.44	-5.96	0.23	-1.46	-0.09	-1.14	-0.66
		1977	17.77	5.46	-5.56	-1.47	1.37	-5.33	-0.10	-1.84	-0.45	-1.48	-0.70
		1996	13.55	2.11	-3.55	-2.42	0.98	-2.26	0.76	-1.03	-0.10	-0.18	-0.89
		1995	13.25	3.23	-1.55	0.64	1.04	-2.38	1.09	-0.63	0.26	0.20	-0.86
1721	1	1977	17.52	6.72	6.40e-03	6.29	0.43	-1.64	-0.56	-2.84	-0.64	-2.75	0.43
		1978	18.77	5.41	-0.46	4.83	0.12	-1.75	-0.81	-3.20	-0.84	-3.17	0.27
		1997	14.44	1.92	0.13	1.77	0.27	-0.48	-0.86	-2.68	-0.86	-2.68	-2.27e-03
		1996	12.02	2.90	0.50	2.85	0.54	-0.33	-0.62	-2.17	-0.63	-2.16	0.08



1721	2	1977	46.67	13.43	-13.99	-3.66	3.11	-13.28	-0.33	-5.08	-1.28	-4.13	-1.90
		1978	47.80	9.60	-17.98	-11.45	3.07	-11.73	-1.22	-6.00	-2.18	-5.05	-1.91
		1997	37.37	3.59	-14.50	-13.01	2.10	-4.98	1.27	-3.52	-0.96	-1.29	-2.39
		1996	35.19	4.71	-8.79	-6.26	2.18	-5.27	2.14	-2.74	-0.19	-0.41	-2.44
1721	3	1977	6.92	2.98	-0.89	1.50	0.59	-1.88	-0.27	-1.08	-0.27	-1.08	-6.22e-03
		1978	7.51	2.13	-1.31	0.39	0.43	-1.72	-0.40	-1.28	-0.40	-1.28	-0.05
		1997	5.46	0.71	-1.08	-0.70	0.34	-0.73	-0.29	-0.97	-0.34	-0.92	-0.18
		1996	4.43	1.14	-0.43	0.25	0.46	-0.78	-0.16	-0.74	-0.21	-0.69	-0.15
1721	4	1977	17.73	5.48	-5.55	-1.45	1.38	-5.33	-0.11	-1.84	-0.46	-1.49	-0.70
		1978	18.06	3.92	-7.05	-4.43	1.30	-4.68	-0.45	-2.19	-0.80	-1.83	-0.70
		1997	14.30	1.52	-5.73	-5.08	0.88	-2.06	0.44	-1.33	-0.37	-0.51	-0.88
		1996	13.53	2.06	-3.56	-2.45	0.95	-2.24	0.78	-1.03	-0.08	-0.17	-0.90
1722	1	1978	18.76	5.41	-0.46	4.83	0.12	-1.76	-0.82	-3.20	-0.85	-3.17	0.27
		1979	19.82	4.22	-0.90	3.40	-0.09	-1.87	-1.00	-3.48	-1.01	-3.47	0.12
		1998	16.51	1.14	-0.34	0.73	0.07	-0.66	-1.02	-3.09	-1.03	-3.08	-0.07
		1997	14.45	1.90	0.13	1.76	0.27	-0.48	-0.85	-2.68	-0.85	-2.68	-5.10e-03
1722	2	1978	47.67	9.64	-17.96	-11.41	3.09	-11.74	-1.25	-5.99	-2.18	-5.05	-1.89
		1979	49.80	7.11	-22.02	-17.93	3.02	-10.12	-2.11	-6.76	-2.96	-5.91	-1.80
		1998	39.55	2.88	-19.70	-18.77	1.95	-4.50	0.43	-4.05	-1.56	-2.06	-2.23
		1997	37.33	3.53	-14.55	-13.07	2.06	-4.95	1.28	-3.51	-0.94	-1.29	-2.39
1722	3	1978	7.52	2.14	-1.31	0.39	0.43	-1.72	-0.40	-1.28	-0.41	-1.28	-0.05
		1979	8.17	1.50	-1.78	-0.60	0.32	-1.57	-0.51	-1.44	-0.52	-1.43	-0.09
		1998	6.47	0.47	-1.80	-1.57	0.23	-0.70	-0.40	-1.16	-0.44	-1.11	-0.19
		1997	5.47	0.70	-1.09	-0.71	0.33	-0.73	-0.29	-0.97	-0.34	-0.92	-0.18
1722	4	1978	18.01	3.94	-7.04	-4.42	1.31	-4.68	-0.45	-2.18	-0.80	-1.84	-0.69
		1979	18.76	2.88	-8.57	-6.92	1.24	-4.01	-0.78	-2.47	-1.10	-2.16	-0.66
		1998	15.15	1.18	-7.74	-7.34	0.79	-1.83	0.12	-1.53	-0.60	-0.81	-0.82
		1997	14.29	1.50	-5.75	-5.11	0.86	-2.05	0.45	-1.32	-0.36	-0.51	-0.88
1723	1	1979	19.81	4.22	-0.90	3.40	-0.08	-1.87	-1.00	-3.48	-1.01	-3.47	0.13
		1980	20.57	3.21	-1.34	2.07	-0.20	-1.97	-1.13	-3.67	-1.13	-3.67	-4.42e-03
		1999	18.06	0.71	-1.01	-0.24	-0.06	-0.85	-1.15	-3.38	-1.15	-3.37	-0.13
		1998	16.52	1.13	-0.34	0.72	0.07	-0.66	-1.02	-3.09	-1.02	-3.08	-0.07
1723	2	1979	49.67	7.13	-22.00	-17.90	3.03	-10.13	-2.13	-6.75	-2.97	-5.91	-1.78
		1980	52.00	5.44	-25.74	-23.25	2.95	-8.46	-2.93	-7.35	-3.62	-6.66	-1.60
		1999	41.38	2.39	-24.10	-23.51	1.80	-3.92	-0.39	-4.36	-2.06	-2.69	-1.96
		1998	39.53	2.85	-19.74	-18.82	1.92	-4.48	0.43	-4.05	-1.56	-2.06	-2.23
1723	3	1979	8.18	1.50	-1.78	-0.60	0.32	-1.57	-0.51	-1.44	-0.52	-1.43	-0.09
		1980	8.78	1.05	-2.27	-1.47	0.24	-1.42	-0.59	-1.57	-0.61	-1.55	-0.12
		1999	7.33	0.33	-2.48	-2.31	0.16	-0.67	-0.48	-1.30	-0.52	-1.25	-0.18
		1998	6.47	0.46	-1.81	-1.57	0.23	-0.69	-0.39	-1.16	-0.44	-1.11	-0.19
1723	4	1979	18.72	2.89	-8.56	-6.91	1.24	-4.02	-0.79	-2.47	-1.10	-2.16	-0.65
		1980	19.58	2.18	-9.97	-8.97	1.18	-3.34	-1.09	-2.70	-1.34	-2.44	-0.59
		1999	15.91	0.95	-9.45	-9.20	0.71	-1.57	-0.19	-1.66	-0.79	-1.05	-0.72
		1998	15.15	1.17	-7.75	-7.36	0.78	-1.83	0.13	-1.53	-0.60	-0.81	-0.82
1724	1	1980	20.57	3.21	-1.34	2.07	-0.20	-1.97	-1.13	-3.67	-1.13	-3.67	-2.84e-03
		1981	20.96	2.41	-1.81	0.86	-0.25	-2.03	-1.21	-3.77	-1.22	-3.77	-0.11
		2000	19.03	0.52	-1.78	-1.12	-0.14	-1.04	-1.23	-3.56	-1.24	-3.55	-0.17
		1999	18.06	0.70	-1.02	-0.25	-0.07	-0.85	-1.15	-3.38	-1.15	-3.37	-0.13
1724	2	1980	51.90	5.45	-25.72	-23.22	2.95	-8.46	-2.94	-7.34	-3.62	-6.66	-1.58
		1981	53.97	4.31	-28.88	-27.44	2.87	-6.76	-3.65	-7.76	-4.14	-7.28	-1.32
		2000	42.75	2.02	-27.62	-27.26	1.66	-3.25	-1.17	-4.45	-2.45	-3.18	-1.60
		1999	41.38	2.37	-24.13	-23.54	1.78	-3.91	-0.39	-4.35	-2.06	-2.69	-1.95
1724	3	1980	8.78	1.05	-2.27	-1.47	0.25	-1.42	-0.59	-1.57	-0.61	-1.55	-0.11
		1981	9.25	0.74	-2.75	-2.21	0.20	-1.27	-0.66	-1.65	-0.67	-1.63	-0.13
		2000	7.97	0.24	-3.06	-2.93	0.11	-0.64	-0.55	-1.39	-0.58	-1.35	-0.17
		1999	7.33	0.32	-2.48	-2.32	0.16	-0.67	-0.48	-1.30	-0.52	-1.25	-0.18
1724	4	1980	19.55	2.19	-9.97	-8.96	1.18	-3.35	-1.09	-2.69	-1.34	-2.44	-0.58
		1981	20.34	1.70	-11.17	-10.59	1.13	-2.67	-1.36	-2.85	-1.54	-2.67	-0.49
		2000	16.52	0.79	-10.83	-10.68	0.64	-1.30	-0.48	-1.70	-0.94	-1.24	-0.59
		1999	15.92	0.94	-9.46	-9.22	0.70	-1.57	-0.19	-1.66	-0.79	-1.05	-0.72
1725	1	1981	20.95	2.41	-1.81	0.86	-0.25	-2.04	-1.21	-3.77	-1.22	-3.77	-0.11
		1982	20.95	1.83	-2.28	-0.21	-0.24	-2.06	-1.25	-3.79	-1.26	-3.78	-0.21
		2001	19.43	0.45	-2.50	-1.89	-0.16	-1.20	-1.27	-3.64	-1.29	-3.62	-0.19
		2000	19.03	0.52	-1.78	-1.13	-0.14	-1.04	-1.23	-3.56	-1.24	-3.55	-0.17
1725	2	1981	53.89	4.32	-28.87	-27.43	2.88	-6.76	-3.66	-7.76	-4.14	-7.28	-1.31
		1982	55.49	3.55	-31.31	-30.57	2.81	-5.03	-4.25	-8.03	-4.53	-7.75	-0.99
		2001	43.64	1.75	-30.26	-30.06	1.55	-2.53	-1.88	-4.37	-2.73	-3.53	-1.18
		2000	42.75	2.01	-27.65	-27.29	1.65	-3.25	-1.17	-4.45	-2.45	-3.18	-1.60
1725	3	1981	9.25	0.75	-2.75	-2.20	0.20	-1.27	-0.66	-1.65	-0.67	-1.63	-0.13
		1982	9.56	0.55	-3.17	-2.80	0.18	-1.10	-0.70	-1.69	-0.72	-1.67	-0.13
		2001	8.38	0.19	-3.54	-3.44	0.08	-0.61	-0.60	-1.43	-0.62	-1.40	-0.15
		2000	7.97	0.24	-3.07	-2.94	0.11	-0.64	-0.55	-1.39	-0.58	-1.35	-0.17
1725	4	1981	20.31	1.71	-11.16	-10.58	1.13	-2.67	-1.36	-2.85	-1.54	-2.67	-0.48
		1982	20.93	1.39	-12.10	-11.80	1.09	-1.98	-1.58	-2.95	-1.69	-2.85	-0.37
		2001	16.93	0.67	-11.86	-11.78	0.59	-1.01	-0.75	-1.68	-1.05	-1.38	-0.44
		2000	16.52	0.78	-10.84	-10.69	0.64	-1.30	-0.48	-1.70	-0.94	-1.24	-0.59
1726	1	1982	20.94	1.83	-2.28	-0.21	-0.23	-2.06	-1.25	-3.79	-1.26	-3.78	-0.21



		1983	20.55	1.44	-2.73	-1.12	-0.17	-2.03	-1.25	-3.73	-1.28	-3.70	-0.28
		2002	19.30	0.44	-3.13	-2.55	-0.15	-1.32	-1.28	-3.61	-1.29	-3.59	-0.20
		2001	19.43	0.45	-2.51	-1.90	-0.16	-1.20	-1.27	-3.64	-1.29	-3.62	-0.19
1726	2	1982	55.43	3.55	-31.30	-30.56	2.81	-5.03	-4.25	-8.02	-4.53	-7.75	-0.97
		1983	56.44	3.07	-32.96	-32.66	2.77	-3.25	-4.67	-8.16	-4.78	-8.05	-0.61
		2002	44.11	1.56	-32.01	-31.92	1.46	-1.76	-2.50	-4.14	-2.90	-3.75	-0.70
		2001	43.65	1.74	-30.28	-30.08	1.54	-2.53	-1.89	-4.37	-2.73	-3.53	-1.17
1726	3	1982	9.56	0.55	-3.17	-2.80	0.19	-1.10	-0.70	-1.69	-0.72	-1.67	-0.13
		1983	9.69	0.42	-3.49	-3.26	0.19	-0.93	-0.73	-1.69	-0.75	-1.67	-0.13
		2002	8.55	0.16	-3.89	-3.81	0.07	-0.57	-0.62	-1.43	-0.64	-1.42	-0.12
		2001	8.38	0.19	-3.54	-3.44	0.08	-0.61	-0.60	-1.43	-0.62	-1.40	-0.15
1726	4	1982	20.91	1.39	-12.09	-11.80	1.09	-1.98	-1.58	-2.95	-1.69	-2.85	-0.36
		1983	21.31	1.18	-12.73	-12.61	1.06	-1.29	-1.74	-3.00	-1.78	-2.96	-0.23
		2002	17.17	0.59	-12.55	-12.51	0.55	-0.70	-0.97	-1.61	-1.12	-1.46	-0.26
		2001	16.94	0.67	-11.87	-11.79	0.59	-1.01	-0.75	-1.68	-1.05	-1.38	-0.44
1727	1	1983	20.54	1.44	-2.74	-1.12	-0.17	-2.03	-1.25	-3.73	-1.28	-3.70	-0.28
		1984	19.77	1.18	-3.11	-1.85	-0.07	-1.95	-1.21	-3.59	-1.26	-3.55	-0.34
		2003	18.80	0.46	-3.62	-3.06	-0.10	-1.40	-1.25	-3.48	-1.27	-3.46	-0.21
		2002	19.30	0.44	-3.13	-2.55	-0.15	-1.32	-1.28	-3.60	-1.29	-3.59	-0.20
1727	2	1983	56.40	3.07	-32.95	-32.65	2.77	-3.25	-4.68	-8.15	-4.78	-8.05	-0.59
		1984	56.82	2.82	-33.78	-33.72	2.76	-1.44	-4.89	-8.19	-4.91	-8.18	-0.19
		2003	44.24	1.44	-32.86	-32.83	1.41	-0.94	-2.94	-3.87	-2.98	-3.83	-0.20
		2002	44.12	1.55	-32.02	-31.93	1.46	-1.76	-2.51	-4.14	-2.90	-3.74	-0.70
1727	3	1983	9.69	0.42	-3.49	-3.26	0.19	-0.93	-0.73	-1.69	-0.75	-1.67	-0.13
		1984	9.62	0.35	-3.71	-3.57	0.22	-0.73	-0.73	-1.65	-0.75	-1.64	-0.12
		2003	8.50	0.15	-4.12	-4.05	0.08	-0.52	-0.63	-1.39	-0.64	-1.39	-0.08
		2002	8.55	0.16	-3.89	-3.81	0.07	-0.57	-0.62	-1.43	-0.64	-1.41	-0.12
1727	4	1983	21.29	1.18	-12.72	-12.60	1.06	-1.29	-1.74	-3.00	-1.78	-2.96	-0.22
		1984	21.45	1.08	-13.04	-13.02	1.06	-0.58	-1.83	-3.02	-1.83	-3.01	-0.08
		2003	17.24	0.54	-12.89	-12.87	0.53	-0.38	-1.13	-1.51	-1.15	-1.49	-0.08
		2002	17.17	0.59	-12.55	-12.52	0.55	-0.70	-0.97	-1.60	-1.12	-1.46	-0.26
1728	1	1984	19.76	1.18	-3.11	-1.85	-0.07	-1.95	-1.21	-3.59	-1.26	-3.54	-0.34
		1985	18.63	1.02	-3.36	-2.40	0.06	-1.81	-1.15	-3.39	-1.22	-3.32	-0.38
		2004	17.84	0.50	-3.96	-3.43	-0.02	-1.44	-1.19	-3.26	-1.21	-3.24	-0.20
		2003	18.80	0.46	-3.62	-3.07	-0.10	-1.40	-1.25	-3.48	-1.27	-3.46	-0.21
1728	2	1984	56.80	2.82	-33.78	-33.72	2.76	-1.44	-4.90	-8.19	-4.91	-8.18	-0.18
		1985	56.64	2.78	-33.76	-33.76	2.77	0.41	-4.88	-8.14	-4.90	-8.12	0.24
		2004	44.11	1.38	-32.82	-32.82	1.38	-0.08	-2.85	-3.89	-2.96	-3.78	0.33
		2003	44.25	1.44	-32.86	-32.84	1.41	-0.94	-2.94	-3.87	-2.98	-3.83	-0.19
1728	3	1984	9.62	0.35	-3.71	-3.57	0.22	-0.73	-0.73	-1.65	-0.75	-1.64	-0.12
		1985	9.36	0.33	-3.80	-3.74	0.26	-0.52	-0.72	-1.58	-0.74	-1.57	-0.10
		2004	8.24	0.15	-4.21	-4.16	0.11	-0.45	-0.62	-1.32	-0.62	-1.32	-0.04
		2003	8.50	0.15	-4.12	-4.05	0.08	-0.52	-0.63	-1.39	-0.64	-1.38	-0.08
1728	4	1984	21.45	1.08	-13.04	-13.01	1.06	-0.58	-1.83	-3.02	-1.83	-3.01	-0.07
		1985	21.37	1.07	-13.03	-13.03	1.06	0.14	-1.82	-3.00	-1.83	-2.99	0.08
		2004	17.17	0.52	-12.87	-12.87	0.52	-0.05	-1.10	-1.51	-1.14	-1.48	0.11
		2003	17.24	0.54	-12.89	-12.88	0.53	-0.38	-1.13	-1.51	-1.15	-1.49	-0.08
1729	1	1985	18.62	1.02	-3.36	-2.40	0.06	-1.81	-1.15	-3.39	-1.21	-3.32	-0.38
		1986	17.15	0.93	-3.44	-2.75	0.23	-1.60	-1.06	-3.13	-1.14	-3.04	-0.41
		2005	16.47	0.56	-4.12	-3.64	0.08	-1.42	-1.10	-2.97	-1.12	-2.95	-0.19
		2004	17.84	0.50	-3.96	-3.44	-0.02	-1.44	-1.19	-3.26	-1.21	-3.24	-0.20
1729	2	1985	56.64	2.78	-33.76	-33.76	2.77	0.41	-4.88	-8.14	-4.90	-8.12	0.25
		1986	55.94	2.95	-32.90	-32.76	2.80	2.30	-4.62	-8.02	-4.76	-7.89	0.67
		2005	43.80	1.40	-31.88	-31.86	1.38	0.80	-2.29	-4.15	-2.84	-3.60	0.86
		2004	44.12	1.39	-32.81	-32.81	1.39	-0.08	-2.85	-3.90	-2.96	-3.78	0.33
1729	3	1985	9.36	0.33	-3.80	-3.74	0.26	-0.52	-0.72	-1.58	-0.74	-1.57	-0.10
		1986	8.92	0.34	-3.76	-3.74	0.32	-0.27	-0.69	-1.48	-0.70	-1.47	-0.08
		2005	7.78	0.17	-4.16	-4.13	0.14	-0.36	-0.58	-1.21	-0.58	-1.21	1.68e-04
		2004	8.24	0.15	-4.21	-4.16	0.11	-0.45	-0.62	-1.32	-0.62	-1.32	-0.04
1729	4	1985	21.37	1.07	-13.03	-13.03	1.06	0.14	-1.82	-3.00	-1.83	-2.99	0.09
		1986	21.08	1.14	-12.69	-12.64	1.09	0.88	-1.73	-2.95	-1.77	-2.90	0.24
		2005	17.00	0.53	-12.50	-12.49	0.53	0.29	-0.90	-1.60	-1.10	-1.41	0.31
		2004	17.18	0.52	-12.87	-12.87	0.52	-0.05	-1.11	-1.51	-1.14	-1.48	0.11
1730	1	1986	17.14	0.93	-3.45	-2.75	0.23	-1.60	-1.06	-3.13	-1.14	-3.04	-0.41
		1987	15.47	0.90	-3.34	-2.88	0.44	-1.32	-0.94	-2.82	-1.04	-2.71	-0.43
		2006	14.73	0.64	-4.09	-3.68	0.22	-1.34	-0.98	-2.60	-1.00	-2.59	-0.17
		2005	16.47	0.56	-4.12	-3.64	0.09	-1.42	-1.10	-2.97	-1.12	-2.95	-0.19
1730	2	1986	55.97	2.95	-32.91	-32.76	2.80	2.30	-4.61	-8.03	-4.75	-7.89	0.68
		1987	54.81	3.36	-31.22	-30.69	2.83	4.22	-4.13	-7.82	-4.48	-7.47	1.08
		2006	43.37	1.49	-30.03	-29.94	1.40	1.68	-1.54	-4.36	-2.63	-3.27	1.37
		2005	43.82	1.41	-31.86	-31.84	1.39	0.80	-2.29	-4.16	-2.85	-3.60	0.85
1730	3	1986	8.92	0.34	-3.76	-3.75	0.32	-0.27	-0.69	-1.48	-0.70	-1.47	-0.08
		1987	8.31	0.41	-3.59	-3.59	0.41	-1.26e-03	-0.65	-1.34	-0.65	-1.34	-0.06
		2006	7.13	0.21	-3.97	-3.95	0.20	-0.25	-0.53	-1.08	-0.53	-1.08	0.04
		2005	7.78	0.17	-4.16	-4.13	0.14	-0.36	-0.58	-1.21	-0.58	-1.21	-3.00e-04
1730	4	1986	21.09	1.14	-12.70	-12.64	1.08	0.88	-1.72	-2.95	-1.77	-2.90	0.24
		1987	20.62	1.32	-12.04	-11.83	1.12	1.64	-1.55	-2.87	-1.67	-2.75	0.39



		2006	16.75	0.58	-11.77	-11.74	0.54	0.65	-0.63	-1.66	-1.01	-1.28	0.50
		2005	17.01	0.54	-12.49	-12.49	0.53	0.30	-0.91	-1.60	-1.10	-1.41	0.31
1731	1	1987	15.46	0.90	-3.35	-2.89	0.44	-1.32	-0.93	-2.81	-1.04	-2.71	-0.43
		1988	13.89	0.94	-3.04	-2.80	0.70	-0.95	-0.79	-2.46	-0.92	-2.34	-0.44
		2007	12.64	0.73	-3.85	-3.51	0.40	-1.19	-0.83	-2.17	-0.85	-2.16	-0.15
1731	2	2006	14.72	0.64	-4.09	-3.67	0.22	-1.34	-0.98	-2.60	-1.00	-2.59	-0.17
		1987	54.86	3.35	-31.23	-30.71	2.83	4.22	-4.12	-7.83	-4.48	-7.47	1.10
		1988	53.32	4.06	-28.73	-27.52	2.86	6.17	-3.46	-7.48	-4.07	-6.87	1.45
		2007	42.85	1.66	-27.26	-27.03	1.44	2.54	-0.67	-4.42	-2.30	-2.79	1.86
1731	3	2006	43.41	1.50	-30.01	-29.91	1.41	1.68	-1.56	-4.36	-2.64	-3.28	1.36
		1987	8.30	0.41	-3.60	-3.60	0.41	-2.29e-03	-0.64	-1.34	-0.65	-1.34	-0.06
		1988	7.55	0.54	-3.30	-3.28	0.51	0.31	-0.58	-1.18	-0.58	-1.18	-0.04
		2007	6.29	0.27	-3.63	-3.62	0.27	-0.11	-0.44	-0.92	-0.46	-0.91	0.08
1731	4	2006	7.13	0.21	-3.97	-3.95	0.20	-0.25	-0.53	-1.08	-0.53	-1.08	0.04
		1987	20.64	1.32	-12.04	-11.84	1.11	1.64	-1.54	-2.88	-1.67	-2.75	0.39
		1988	20.03	1.63	-11.08	-10.60	1.15	2.42	-1.29	-2.75	-1.52	-2.52	0.52
		2007	16.44	0.66	-10.68	-10.59	0.58	1.00	-0.31	-1.68	-0.88	-1.10	0.68
1732	1	2006	16.76	0.58	-11.76	-11.73	0.55	0.65	-0.64	-1.66	-1.02	-1.28	0.50
		1988	13.88	0.94	-3.05	-2.80	0.70	-0.96	-0.78	-2.46	-0.91	-2.33	-0.44
		1989	12.28	1.09	-2.54	-2.48	1.02	-0.49	-0.62	-2.08	-0.77	-1.93	-0.45
		2008	10.28	0.86	-3.37	-3.13	0.62	-0.97	-0.65	-1.69	-0.67	-1.68	-0.12
1732	2	2007	12.63	0.73	-3.84	-3.51	0.40	-1.19	-0.84	-2.18	-0.86	-2.16	-0.15
		1988	53.38	4.05	-28.75	-27.54	2.85	6.16	-3.42	-7.50	-4.06	-6.86	1.48
		1989	51.63	5.20	-25.51	-23.19	2.88	8.11	-2.63	-7.00	-3.54	-6.09	1.77
		2008	42.28	1.94	-23.55	-23.11	1.50	3.34	0.32	-4.29	-1.83	-2.13	2.30
1732	3	2007	42.95	1.68	-27.23	-27.00	1.46	2.55	-0.72	-4.43	-2.34	-2.81	1.84
		1988	7.55	0.53	-3.31	-3.28	0.51	0.30	-0.58	-1.18	-0.58	-1.18	-0.03
		1989	6.68	0.77	-2.91	-2.79	0.65	0.65	-0.49	-1.00	-0.49	-1.00	-0.02
		2008	5.28	0.36	-3.13	-3.13	0.36	0.07	-0.32	-0.75	-0.36	-0.71	0.12
1732	4	2007	6.28	0.27	-3.62	-3.62	0.27	-0.10	-0.45	-0.92	-0.46	-0.91	0.08
		1988	20.05	1.62	-11.09	-10.61	1.15	2.41	-1.28	-2.75	-1.51	-2.52	0.53
		1989	19.38	2.13	-9.85	-8.93	1.20	3.20	-0.98	-2.56	-1.31	-2.23	0.64
		2008	16.12	0.81	-9.23	-9.05	0.62	1.34	0.07	-1.62	-0.71	-0.84	0.84
1733	1	2007	16.48	0.67	-10.67	-10.58	0.58	1.00	-0.32	-1.68	-0.90	-1.10	0.67
		1989	12.26	1.08	-2.55	-2.48	1.01	-0.49	-0.60	-2.07	-0.75	-1.92	-0.44
		1990	10.79	1.44	-1.91	-1.91	1.44	0.09	-0.42	-1.68	-0.61	-1.50	-0.44
		2009	7.75	1.03	-2.63	-2.51	0.91	-0.65	-0.43	-1.17	-0.45	-1.15	-0.10
1733	2	2008	10.24	0.86	-3.36	-3.13	0.63	-0.97	-0.68	-1.70	-0.69	-1.68	-0.13
		1989	51.63	5.18	-25.53	-23.22	2.86	8.10	-2.55	-7.00	-3.47	-6.07	1.81
		1990	50.04	7.01	-21.72	-17.63	2.93	10.03	-1.70	-6.33	-2.90	-5.14	2.02
		2009	41.79	2.41	-18.89	-18.10	1.61	4.04	1.48	-3.91	-1.18	-1.25	2.70
1733	3	2008	42.51	1.97	-23.51	-23.06	1.52	3.36	0.20	-4.33	-1.96	-2.17	2.26
		1989	6.69	0.76	-2.91	-2.79	0.65	0.65	-0.48	-1.00	-0.48	-1.00	-0.01
		1990	5.79	1.17	-2.46	-2.12	0.84	1.05	-0.40	-0.80	-0.40	-0.80	2.87e-03
		2009	4.13	0.52	-2.49	-2.47	0.50	0.28	-0.16	-0.56	-0.24	-0.48	0.16
1733	4	2008	5.23	0.37	-3.13	-3.12	0.37	0.07	-0.34	-0.75	-0.38	-0.71	0.12
		1989	19.38	2.12	-9.86	-8.94	1.19	3.20	-0.95	-2.56	-1.29	-2.23	0.65
		1990	18.82	2.92	-8.43	-6.78	1.28	3.99	-0.64	-2.31	-1.07	-1.88	0.73
		2009	15.87	1.05	-7.43	-7.08	0.71	1.67	0.51	-1.47	-0.46	-0.50	0.99
1734	1	2008	16.22	0.82	-9.22	-9.03	0.63	1.35	0.02	-1.63	-0.76	-0.86	0.83
		1990	10.78	1.42	-1.92	-1.91	1.42	0.08	-0.38	-1.66	-0.56	-1.49	-0.44
		1991	9.63	2.23	-1.32	-1.12	2.03	0.83	-0.24	-1.27	-0.45	-1.06	-0.42
		2010	5.38	1.29	-1.60	-1.58	1.28	-0.19	-0.15	-0.64	-0.17	-0.63	-0.09
1734	2	2009	7.63	1.04	-2.62	-2.50	0.93	-0.64	-0.51	-1.19	-0.53	-1.17	-0.12
		1990	49.66	6.97	-21.70	-17.63	2.90	10.00	-1.52	-6.28	-2.68	-5.12	2.05
		1991	49.32	9.95	-17.79	-11.01	3.17	11.92	-0.74	-5.51	-2.25	-4.00	2.22
		2010	42.11	3.28	-13.26	-11.78	1.80	4.73	2.93	-3.19	-0.16	-0.10	3.06
1734	3	2009	42.39	2.45	-18.85	-18.04	1.64	4.07	1.14	-4.08	-1.60	-1.34	2.61
		1990	5.82	1.16	-2.46	-2.13	0.83	1.04	-0.36	-0.79	-0.36	-0.79	6.09e-03
		1991	4.96	1.83	-2.02	-1.31	1.11	1.50	-0.30	-0.58	-0.30	-0.58	0.02
		2010	3.41	0.81	-1.72	-1.60	0.68	0.55	0.05	-0.35	-0.07	-0.23	0.19
1734	4	2009	4.20	0.53	-2.48	-2.46	0.51	0.28	-0.22	-0.57	-0.30	-0.49	0.14
		1990	18.66	2.90	-8.42	-6.79	1.26	3.98	-0.57	-2.29	-0.99	-1.87	0.74
		1991	18.67	4.17	-6.96	-4.24	1.45	4.79	-0.28	-2.01	-0.83	-1.45	0.81
		2010	15.98	1.49	-5.27	-4.62	0.84	2.00	1.05	-1.19	-0.07	-0.07	1.12
1735	1	2009	16.11	1.07	-7.41	-7.06	0.72	1.68	0.38	-1.53	-0.62	-0.54	0.95
		1991	9.52	2.12	-1.30	-1.11	1.93	0.78	-0.13	-1.21	-0.33	-1.02	-0.42
		1992	8.92	3.84	-1.14	-0.31	3.02	1.85	-0.02	-0.78	-0.27	-0.53	-0.35
		2011	4.30	1.77	-0.41	-0.24	1.60	0.58	0.20	-0.26	0.19	-0.24	-0.08
1735	2	2010	5.21	1.39	-1.57	-1.56	1.38	-0.17	-0.39	-0.74	-0.44	-0.70	-0.12
		1991	47.72	9.59	-17.39	-10.75	2.95	11.62	-0.36	-5.30	-1.69	-3.97	2.19
		1992	51.09	14.96	-14.97	-4.68	4.67	14.21	0.61	-4.28	-1.45	-2.22	2.42
		2011	46.38	5.42	-7.83	-3.55	1.14	6.19	4.68	-2.11	1.52	1.05	3.38
1735	3	2010	43.84	3.57	-13.26	-11.78	2.09	4.77	2.02	-3.92	-1.53	-0.36	2.91
		1991	4.99	1.76	-1.98	-1.28	1.06	1.46	-0.21	-0.56	-0.21	-0.56	0.02
		1992	4.49	2.91	-1.78	-0.51	1.64	2.09	-0.15	-0.32	-0.18	-0.30	0.06
		2011	3.96	1.36	-0.99	-0.45	0.81	0.99	0.30	-0.16	0.17	-0.02	0.21



		2010	3.91	0.87	-1.71	-1.59	0.74	0.56	-0.10	-0.43	-0.26	-0.27	0.17
1735	4	1991	18.04	4.03	-6.81	-4.14	1.36	4.67	-0.13	-1.92	-0.62	-1.44	0.80
		1992	19.58	6.24	-5.91	-1.80	2.13	5.75	0.22	-1.56	-0.53	-0.80	0.88
		2011	17.62	2.48	-3.23	-1.43	0.68	2.65	1.70	-0.78	0.56	0.36	1.24
		2010	16.67	1.61	-5.27	-4.62	0.95	2.02	0.70	-1.46	-0.59	-0.17	1.06
1736	1	1992	8.25	3.56	-1.56	-0.92	2.92	1.69	0.08	-0.61	-0.13	-0.39	-0.32
		281	10.28	5.16	-0.80	0.54	3.83	2.49	1.06	0.07	0.69	0.44	-0.48
		163	7.98	3.88	-1.81	-0.26	2.33	2.53	0.69	-0.02	0.68	-1.77e-03	-0.10
		2011	5.37	2.45	0.44	0.99	1.90	0.89	-0.47	-0.63	-0.52	-0.58	-0.07
1736	2	1992	51.12	13.29	-16.26	-7.05	4.08	13.69	1.19	-3.98	-0.87	-1.92	2.53
		281	53.12	16.55	-9.84	2.29	4.42	13.16	5.21	-0.33	3.62	1.26	2.51
		163	52.57	12.00	-14.92	-2.94	0.02	13.38	5.58	-0.11	4.13	1.34	2.48
		2011	50.02	9.23	-4.60	2.21	2.42	6.91	2.89	-4.49	-1.83	0.23	3.54
1736	3	1992	4.48	2.67	-2.01	-0.90	1.56	1.99	-0.05	-0.27	-0.08	-0.24	0.08
		281	5.28	3.61	-1.26	0.34	2.00	2.29	0.44	0.23	0.44	0.23	0.02
		163	6.01	2.76	-2.01	-0.35	1.10	2.27	0.56	0.03	0.51	0.08	0.15
		2011	4.50	1.91	-0.49	0.41	1.01	1.16	-0.02	-0.47	-0.30	-0.18	0.22
1736	4	1992	19.56	5.60	-6.41	-2.72	1.90	5.55	0.45	-1.43	-0.30	-0.69	0.92
		281	20.34	7.01	-3.97	0.86	2.18	5.45	1.89	-0.11	1.30	0.48	0.91
		163	20.28	5.18	-5.91	-1.14	0.42	5.49	2.06	-0.05	1.53	0.48	0.92
		2011	18.99	3.92	-1.99	0.77	1.17	2.95	1.02	-1.66	-0.69	0.05	1.29
1737	1	1993	12.62	7.56	-0.01	7.10	0.45	-1.82	1.43	0.28	1.14	0.57	0.50
		1993	13.46	8.81	-0.02	7.27	1.52	-3.34	0.44	-0.73	-0.03	-0.25	0.58
		2012	6.54	4.36	-0.34	2.88	1.14	-2.18	-0.02	-0.59	-0.05	-0.56	0.13
		231	7.71	5.31	-0.21	3.29	1.81	-2.66	0.90	6.73e-03	0.82	0.09	0.26
1737	2	1993	75.13	43.59	-8.93	38.71	-4.04	-15.25	5.27	1.33	5.17	1.42	-0.62
		1993	63.02	40.04	-13.19	24.83	2.02	-24.05	2.58	-0.12	1.35	1.11	-1.35
		2012	38.01	23.43	-5.08	16.37	1.98	-12.31	1.06	-1.38	0.19	-0.51	-1.17
		231	46.61	25.65	-2.02	18.58	5.04	-12.06	4.08	0.99	3.95	1.12	-0.61
1737	3	1993	9.57	6.30	-0.68	5.33	0.29	-2.42	0.79	0.34	0.77	0.36	0.09
		1993	7.64	6.56	-1.24	4.29	1.03	-3.54	0.15	-0.03	0.11	8.66e-03	0.07
		2012	5.09	4.02	-0.69	2.56	0.77	-2.17	0.06	-0.15	0.05	-0.15	-0.04
		231	6.83	4.72	-0.42	2.94	1.36	-2.44	0.56	0.06	0.56	0.06	0.03
1737	4	1993	28.70	16.97	-3.31	14.70	-1.04	-6.40	2.01	0.57	1.97	0.61	-0.24
		1993	24.62	15.87	-5.20	9.49	1.17	-9.68	0.96	-0.03	0.52	0.41	-0.50
		2012	15.18	9.66	-2.08	6.56	1.02	-5.18	0.44	-0.45	0.12	-0.13	-0.42
		231	18.56	10.72	-0.94	7.47	2.32	-5.23	1.53	0.32	1.48	0.37	-0.23
1738	1	1993	11.70	7.83	-0.11	6.35	1.37	-3.09	0.82	-0.47	0.47	-0.13	0.57
		1994	10.31	6.69	-0.22	5.18	1.28	-2.85	-0.07	-0.93	-0.21	-0.80	0.31
		2013	8.84	3.40	-0.32	2.42	0.66	-1.64	-0.37	-1.43	-0.38	-1.42	-0.10
		2012	6.81	4.69	-0.17	3.32	1.20	-2.19	-0.28	-0.69	-0.29	-0.68	0.06
1738	2	1993	64.36	36.64	-13.10	22.21	1.34	-22.58	4.12	1.24	3.20	2.16	-1.34
		1994	62.08	28.91	-15.25	11.18	2.48	-21.65	3.65	-0.69	1.22	1.74	-2.15
		2013	47.51	17.70	-8.04	9.18	0.48	-12.11	1.82	-3.04	0.27	-1.49	-2.26
		2012	42.27	24.35	-5.23	17.21	1.92	-12.66	1.07	-2.07	0.04	-1.05	-1.47
1738	3	1993	7.42	5.97	-1.25	3.79	0.93	-3.31	0.43	0.11	0.40	0.13	0.08
		1994	6.52	4.88	-1.49	2.53	0.86	-3.07	0.06	-0.13	0.03	-0.11	-0.06
		2013	6.31	2.96	-0.89	1.70	0.37	-1.81	-7.59e-04	-0.60	-0.08	-0.52	-0.20
		2012	5.55	4.20	-0.65	2.78	0.77	-2.21	-0.03	-0.28	-0.07	-0.24	-0.09
1738	4	1993	24.97	14.55	-5.14	8.49	0.92	-9.09	1.54	0.48	1.21	0.81	-0.49
		1994	24.04	11.54	-6.02	4.31	1.21	-8.64	1.35	-0.25	0.46	0.64	-0.79
		2013	18.40	7.20	-3.18	3.71	0.32	-4.91	0.69	-1.12	0.11	-0.54	-0.84
		2012	16.78	10.01	-2.14	6.89	0.98	-5.31	0.42	-0.74	0.03	-0.35	-0.55
1739	1	1994	9.92	6.56	-0.17	5.13	1.25	-2.75	0.16	-0.89	0.03	-0.77	0.34
		1995	10.23	5.22	-0.34	4.00	0.89	-2.30	-0.37	-1.49	-0.40	-1.47	0.16
		2014	10.67	2.13	-0.34	1.33	0.46	-1.16	-0.54	-1.90	-0.57	-1.87	-0.19
		2013	8.44	3.41	-0.29	2.40	0.72	-1.64	-0.48	-1.42	-0.49	-1.41	-0.09
1739	2	1994	61.57	28.38	-15.14	10.93	2.32	-21.33	3.93	-0.21	1.90	1.82	-2.07
		1995	58.80	21.18	-17.10	1.75	2.33	-19.14	3.05	-1.83	0.53	0.69	-2.44
		2014	46.15	11.61	-10.08	1.10	0.43	-10.84	2.03	-3.26	-0.05	-1.19	-2.58
		2013	46.54	17.72	-7.84	9.18	0.70	-12.06	1.59	-3.10	-0.05	-1.46	-2.24
1739	3	1994	6.60	4.78	-1.45	2.49	0.84	-3.00	0.17	-0.10	0.16	-0.09	-0.05
		1995	6.26	3.60	-1.62	1.34	0.64	-2.59	-0.03	-0.44	-0.08	-0.39	-0.13
		2014	6.15	1.84	-1.05	0.53	0.26	-1.43	-0.06	-0.76	-0.17	-0.65	-0.25
		2013	6.08	2.97	-0.87	1.69	0.41	-1.81	-0.05	-0.60	-0.14	-0.52	-0.20
1739	4	1994	23.83	11.33	-5.96	4.21	1.16	-8.51	1.46	-0.07	0.72	0.67	-0.76
		1995	22.59	8.44	-6.71	0.67	1.07	-7.57	1.12	-0.68	0.20	0.25	-0.90
		2014	17.64	4.66	-3.95	0.47	0.25	-4.30	0.76	-1.22	-0.01	-0.45	-0.96
		2013	18.00	7.21	-3.11	3.70	0.41	-4.89	0.60	-1.14	-9.43e-03	-0.53	-0.83
1740	1	1995	10.20	5.18	-0.31	3.98	0.89	-2.27	-0.29	-1.48	-0.32	-1.46	0.18
		1996	11.97	3.95	-0.53	2.87	0.54	-1.91	-0.62	-2.09	-0.63	-2.09	0.05
		2015	12.16	1.10	-0.56	0.27	0.27	-0.83	-0.69	-2.25	-0.72	-2.21	-0.23
		2014	10.61	2.13	-0.35	1.32	0.45	-1.16	-0.59	-1.90	-0.61	-1.88	-0.19
1740	2	1995	58.20	21.03	-17.04	1.65	2.34	-19.03	3.14	-1.65	0.76	0.73	-2.39
		1996	55.75	15.22	-19.22	-6.21	2.22	-16.70	2.21	-2.86	-0.25	-0.40	-2.53
		2015	44.69	7.14	-12.94	-6.15	0.35	-9.50	2.06	-3.29	-0.34	-0.88	-2.66
		2014	46.21	11.64	-10.05	1.13	0.45	-10.84	1.95	-3.33	-0.18	-1.20	-2.59



1740	3	1995	6.19	3.57	-1.60	1.32	0.65	-2.56	1.26e-03	-0.43	-0.04	-0.39	-0.12
		1996	6.37	2.55	-1.82	0.27	0.46	-2.18	-0.16	-0.72	-0.21	-0.67	-0.17
		2015	6.09	1.01	-1.39	-0.54	0.16	-1.14	-0.13	-0.87	-0.25	-0.74	-0.27
		2014	6.12	1.84	-1.05	0.53	0.25	-1.44	-0.08	-0.76	-0.19	-0.65	-0.25
1740	4	1995	22.36	8.39	-6.68	0.63	1.07	-7.53	1.15	-0.61	0.28	0.26	-0.88
		1996	21.29	6.04	-7.51	-2.43	0.96	-6.56	0.80	-1.07	-0.10	-0.17	-0.93
		2015	16.98	2.81	-5.07	-2.44	0.18	-3.71	0.76	-1.24	-0.13	-0.35	-0.99
		2014	17.65	4.67	-3.94	0.48	0.25	-4.31	0.73	-1.24	-0.07	-0.45	-0.96
1741	1	1996	11.98	3.93	-0.52	2.86	0.55	-1.90	-0.60	-2.09	-0.60	-2.08	0.06
		1997	14.45	2.85	-0.81	1.77	0.26	-1.67	-0.84	-2.62	-0.84	-2.62	-0.03
		2016	13.40	0.49	-1.06	-0.69	0.12	-0.66	-0.80	-2.51	-0.84	-2.47	-0.26
		2015	12.17	1.11	-0.56	0.28	0.27	-0.84	-0.70	-2.25	-0.74	-2.22	-0.24
1741	2	1996	55.38	15.15	-19.22	-6.30	2.23	-16.65	2.23	-2.79	-0.18	-0.38	-2.51
		1997	53.25	10.73	-21.67	-13.03	2.09	-14.33	1.30	-3.67	-0.99	-1.39	-2.48
		2016	43.45	4.26	-16.46	-12.45	0.26	-8.18	2.02	-3.15	-0.55	-0.58	-2.58
		2015	45.01	7.17	-12.92	-6.10	0.35	-9.51	2.06	-3.34	-0.38	-0.89	-2.69
1741	3	1996	6.31	2.53	-1.81	0.25	0.47	-2.17	-0.15	-0.72	-0.20	-0.67	-0.16
		1997	6.82	1.73	-2.10	-0.70	0.33	-1.84	-0.28	-0.97	-0.34	-0.91	-0.19
		2016	6.18	0.52	-1.92	-1.48	0.09	-0.93	-0.19	-0.94	-0.31	-0.82	-0.27
		2015	6.12	1.01	-1.39	-0.53	0.16	-1.15	-0.13	-0.87	-0.26	-0.75	-0.28
1741	4	1996	21.14	6.02	-7.51	-2.46	0.97	-6.54	0.81	-1.04	-0.07	-0.16	-0.93
		1997	20.27	4.23	-8.45	-5.09	0.87	-5.60	0.46	-1.38	-0.38	-0.55	-0.91
		2016	16.51	1.64	-6.48	-4.97	0.13	-3.16	0.72	-1.20	-0.22	-0.26	-0.96
		2015	17.09	2.82	-5.06	-2.42	0.18	-3.72	0.76	-1.26	-0.15	-0.35	-1.00
1742	1	1997	14.44	2.84	-0.81	1.76	0.27	-1.67	-0.83	-2.62	-0.83	-2.62	-0.02
		1998	16.56	1.97	-1.18	0.73	0.07	-1.54	-1.01	-3.04	-1.01	-3.04	-0.09
		2017	14.44	0.23	-1.76	-1.55	0.02	-0.61	-0.89	-2.69	-0.93	-2.65	-0.26
		2016	13.40	0.50	-1.06	-0.68	0.12	-0.66	-0.81	-2.51	-0.85	-2.47	-0.26
1742	2	1997	53.03	10.69	-21.71	-13.10	2.09	-14.31	1.29	-3.64	-0.96	-1.39	-2.46
		1998	51.15	7.47	-24.31	-18.78	1.95	-12.04	0.38	-4.25	-1.62	-2.25	-2.30
		2017	42.30	2.50	-20.16	-17.82	0.16	-6.90	1.89	-2.86	-0.69	-0.28	-2.37
		2016	43.76	4.28	-16.43	-12.41	0.26	-8.19	2.04	-3.18	-0.56	-0.58	-2.61
1742	3	1997	6.79	1.72	-2.10	-0.71	0.33	-1.84	-0.28	-0.97	-0.33	-0.91	-0.19
		1998	7.39	1.14	-2.48	-1.57	0.23	-1.57	-0.39	-1.16	-0.44	-1.11	-0.20
		2017	6.31	0.27	-2.54	-2.30	0.04	-0.78	-0.25	-0.98	-0.35	-0.87	-0.26
		2016	6.21	0.52	-1.91	-1.48	0.09	-0.93	-0.19	-0.94	-0.31	-0.82	-0.28
1742	4	1997	20.19	4.21	-8.46	-5.12	0.87	-5.59	0.45	-1.37	-0.37	-0.55	-0.91
		1998	19.49	2.92	-9.48	-7.35	0.79	-4.68	0.11	-1.61	-0.62	-0.88	-0.85
		2017	16.14	0.94	-7.99	-7.12	0.08	-2.64	0.66	-1.11	-0.28	-0.16	-0.89
		2016	16.62	1.64	-6.47	-4.95	0.13	-3.16	0.73	-1.22	-0.23	-0.26	-0.97
1743	1	1998	16.55	1.96	-1.18	0.72	0.07	-1.54	-1.00	-3.04	-1.01	-3.04	-0.09
		1999	18.12	1.33	-1.64	-0.25	-0.06	-1.48	-1.13	-3.35	-1.14	-3.34	-0.14
		2018	15.11	0.12	-2.48	-2.31	-0.05	-0.65	-0.95	-2.79	-0.98	-2.76	-0.25
		2017	14.44	0.23	-1.76	-1.54	0.02	-0.61	-0.89	-2.69	-0.93	-2.65	-0.26
1743	2	1998	51.03	7.45	-24.35	-18.84	1.94	-12.03	0.38	-4.24	-1.61	-2.25	-2.28
		1999	49.34	5.17	-26.88	-23.52	1.80	-9.82	-0.49	-4.60	-2.14	-2.96	-2.01
		2018	41.25	1.42	-23.62	-22.28	0.07	-5.65	1.70	-2.48	-0.79	0.01	-2.05
		2017	42.55	2.51	-20.13	-17.79	0.17	-6.90	1.92	-2.89	-0.69	-0.28	-2.40
1743	3	1998	7.38	1.13	-2.48	-1.57	0.23	-1.57	-0.39	-1.16	-0.44	-1.11	-0.20
		1999	7.93	0.74	-2.89	-2.31	0.16	-1.33	-0.48	-1.31	-0.53	-1.26	-0.19
		2018	6.42	0.14	-3.13	-2.99	-1.37e-03	-0.67	-0.30	-0.98	-0.39	-0.89	-0.23
		2017	6.33	0.27	-2.53	-2.30	0.04	-0.78	-0.24	-0.98	-0.36	-0.87	-0.26
1743	4	1998	19.45	2.91	-9.50	-7.37	0.78	-4.68	0.11	-1.60	-0.62	-0.88	-0.84
		1999	18.88	2.00	-10.50	-9.21	0.71	-3.81	-0.22	-1.75	-0.82	-1.15	-0.75
		2018	15.85	0.52	-9.40	-8.91	0.03	-2.15	0.58	-0.98	-0.33	-0.07	-0.77
		2017	16.23	0.95	-7.98	-7.11	0.08	-2.64	0.67	-1.12	-0.29	-0.16	-0.90
1744	1	1999	18.11	1.32	-1.64	-0.25	-0.06	-1.48	-1.13	-3.35	-1.14	-3.34	-0.14
		2000	19.09	0.91	-2.17	-1.13	-0.14	-1.46	-1.22	-3.54	-1.23	-3.53	-0.18
		2019	15.44	0.08	-3.15	-2.97	-0.09	-0.73	-0.98	-2.83	-1.01	-2.80	-0.22
		2018	15.11	0.13	-2.48	-2.31	-0.05	-0.65	-0.95	-2.79	-0.98	-2.76	-0.25
1744	2	1999	49.27	5.15	-26.93	-23.57	1.79	-9.82	-0.50	-4.59	-2.13	-2.96	-2.00
		2000	47.77	3.58	-29.18	-27.27	1.67	-7.67	-1.31	-4.74	-2.54	-3.51	-1.65
		2019	40.37	0.73	-26.57	-25.82	-0.02	-4.45	1.47	-2.02	-0.84	0.30	-1.65
		2018	41.45	1.43	-23.60	-22.25	0.08	-5.65	1.73	-2.50	-0.79	0.02	-2.08
1744	3	1999	7.92	0.74	-2.90	-2.32	0.16	-1.33	-0.48	-1.31	-0.53	-1.26	-0.19
		2000	8.33	0.48	-3.31	-2.94	0.11	-1.13	-0.55	-1.41	-0.59	-1.37	-0.18
		2019	6.49	0.07	-3.65	-3.56	-0.03	-0.59	-0.34	-0.97	-0.41	-0.90	-0.20
		2018	6.44	0.14	-3.13	-2.99	-6.82e-04	-0.67	-0.29	-0.99	-0.39	-0.89	-0.24
1744	4	1999	18.85	2.00	-10.52	-9.22	0.71	-3.81	-0.23	-1.74	-0.82	-1.15	-0.74
		2000	18.38	1.37	-11.41	-10.68	0.64	-2.97	-0.53	-1.81	-0.98	-1.36	-0.61
		2019	15.64	0.26	-10.60	-10.33	-4.51e-03	-1.69	0.48	-0.82	-0.36	0.02	-0.62
		2018	15.93	0.53	-9.39	-8.90	0.04	-2.15	0.59	-0.99	-0.33	-0.07	-0.78
1745	1	2000	19.08	0.91	-2.18	-1.13	-0.14	-1.46	-1.22	-3.54	-1.23	-3.53	-0.18
		2001	19.49	0.66	-2.72	-1.90	-0.16	-1.45	-1.26	-3.63	-1.28	-3.61	-0.20
		2020	15.48	0.08	-3.73	-3.54	-0.11	-0.84	-1.00	-2.80	-1.02	-2.78	-0.19
		2019	15.44	0.09	-3.15	-2.97	-0.09	-0.73	-0.98	-2.83	-1.01	-2.80	-0.22
1745	2	2000	47.73	3.57	-29.22	-27.31	1.66	-7.68	-1.32	-4.73	-2.54	-3.51	-1.63



		2001	46.46	2.51	-31.02	-30.07	1.56	-5.57	-2.05	-4.70	-2.83	-3.91	-1.21
		2020	39.73	0.28	-28.85	-28.48	-0.09	-3.28	1.23	-1.54	-0.87	0.56	-1.19
		2019	40.53	0.73	-26.55	-25.80	-0.01	-4.45	1.50	-2.05	-0.84	0.30	-1.68
1745	3	2000	8.32	0.48	-3.31	-2.94	0.11	-1.13	-0.55	-1.41	-0.59	-1.37	-0.18
		2001	8.55	0.32	-3.67	-3.44	0.08	-0.94	-0.60	-1.46	-0.63	-1.43	-0.15
		2020	6.48	0.03	-4.07	-4.00	-0.04	-0.52	-0.37	-0.93	-0.41	-0.88	-0.15
		2019	6.50	0.07	-3.65	-3.55	-0.03	-0.59	-0.34	-0.97	-0.41	-0.90	-0.20
1745	4	2000	18.36	1.37	-11.43	-10.70	0.64	-2.97	-0.53	-1.81	-0.98	-1.36	-0.61
		2001	17.97	0.96	-12.15	-11.78	0.59	-2.16	-0.80	-1.80	-1.09	-1.52	-0.45
		2020	15.50	0.10	-11.53	-11.39	-0.04	-1.24	0.38	-0.64	-0.37	0.11	-0.45
		2019	15.69	0.27	-10.59	-10.32	-2.66e-03	-1.69	0.49	-0.82	-0.36	0.02	-0.63
1746	1	2001	19.48	0.66	-2.73	-1.90	-0.16	-1.46	-1.26	-3.62	-1.28	-3.61	-0.20
		2002	19.33	0.53	-3.22	-2.55	-0.15	-1.44	-1.27	-3.60	-1.29	-3.58	-0.21
		2021	15.25	0.10	-4.20	-3.99	-0.11	-0.94	-0.99	-2.72	-1.00	-2.71	-0.14
		2020	15.48	0.08	-3.73	-3.53	-0.11	-0.84	-1.00	-2.80	-1.02	-2.78	-0.19
1746	2	2001	46.43	2.50	-31.05	-30.10	1.55	-5.57	-2.06	-4.69	-2.83	-3.91	-1.20
		2002	45.46	1.83	-32.29	-31.93	1.47	-3.50	-2.67	-4.52	-3.02	-4.16	-0.73
		2021	39.39	-2.38e-04	-30.39	-30.24	-0.15	-2.13	1.04	-1.10	-0.86	0.80	-0.68
		2020	39.86	0.29	-28.84	-28.46	-0.09	-3.28	1.26	-1.56	-0.87	0.56	-1.21
1746	3	2001	8.54	0.32	-3.67	-3.44	0.08	-0.94	-0.60	-1.46	-0.63	-1.43	-0.15
		2002	8.70	0.21	-3.95	-3.81	0.08	-0.75	-0.63	-1.46	-0.65	-1.44	-0.12
		2021	6.40	-9.78e-05	-4.37	-4.32	-0.05	-0.46	-0.39	-0.87	-0.41	-0.85	-0.10
		2020	6.49	0.03	-4.07	-4.00	-0.04	-0.52	-0.37	-0.93	-0.41	-0.88	-0.15
1746	4	2001	17.96	0.95	-12.16	-11.79	0.59	-2.16	-0.81	-1.80	-1.09	-1.52	-0.45
		2002	17.66	0.69	-12.66	-12.52	0.55	-1.36	-1.03	-1.74	-1.16	-1.61	-0.27
		2021	15.43	-6.04e-03	-12.15	-12.10	-0.06	-0.82	0.29	-0.47	-0.37	0.19	-0.26
		2020	15.54	0.10	-11.52	-11.38	-0.03	-1.25	0.39	-0.65	-0.37	0.11	-0.46
1747	1	2002	19.32	0.53	-3.23	-2.55	-0.15	-1.44	-1.27	-3.60	-1.29	-3.58	-0.21
		2003	18.83	0.45	-3.62	-3.07	-0.10	-1.39	-1.25	-3.48	-1.27	-3.46	-0.21
		2022	14.80	0.14	-4.56	-4.32	-0.10	-1.02	-0.96	-2.60	-0.97	-2.59	-0.09
		2021	15.25	0.11	-4.20	-3.99	-0.11	-0.94	-0.99	-2.72	-1.00	-2.71	-0.15
1747	2	2002	45.44	1.83	-32.30	-31.94	1.47	-3.50	-2.67	-4.51	-3.02	-4.16	-0.72
		2003	44.84	1.48	-32.91	-32.84	1.42	-1.44	-3.07	-4.30	-3.10	-4.27	-0.21
		2022	39.36	-0.16	-31.14	-31.11	-0.20	-1.00	1.00	-0.83	-0.82	0.99	-0.14
		2021	39.47	2.21e-03	-30.38	-30.23	-0.15	-2.13	1.06	-1.12	-0.86	0.80	-0.70
1747	3	2002	8.70	0.21	-3.95	-3.81	0.08	-0.75	-0.63	-1.46	-0.65	-1.44	-0.12
		2003	8.67	0.16	-4.13	-4.06	0.08	-0.56	-0.64	-1.43	-0.65	-1.42	-0.08
		2022	6.26	-0.01	-4.55	-4.51	-0.05	-0.40	-0.40	-0.81	-0.40	-0.80	-0.04
		2021	6.41	4.35e-04	-4.37	-4.32	-0.05	-0.46	-0.39	-0.87	-0.41	-0.85	-0.10
1747	4	2002	17.66	0.69	-12.66	-12.52	0.55	-1.36	-1.04	-1.74	-1.16	-1.61	-0.27
		2003	17.46	0.56	-12.90	-12.88	0.53	-0.57	-1.18	-1.67	-1.19	-1.66	-0.08
		2022	15.44	-0.07	-12.46	-12.45	-0.08	-0.40	0.27	-0.36	-0.36	0.26	-0.06
		2021	15.46	-5.08e-03	-12.15	-12.09	-0.06	-0.82	0.30	-0.48	-0.37	0.19	-0.27
1748	1	2003	18.83	0.45	-3.62	-3.07	-0.10	-1.39	-1.25	-3.48	-1.27	-3.46	-0.21
		2004	17.91	0.41	-3.87	-3.44	-0.02	-1.29	-1.19	-3.27	-1.21	-3.25	-0.20
		2023	14.13	0.17	-4.77	-4.52	-0.07	-1.07	-0.92	-2.44	-0.92	-2.43	-0.04
		2022	14.79	0.14	-4.56	-4.32	-0.10	-1.03	-0.96	-2.60	-0.97	-2.59	-0.10
1748	2	2003	44.84	1.48	-32.91	-32.85	1.42	-1.45	-3.07	-4.30	-3.10	-4.27	-0.20
		2004	44.72	1.40	-32.84	-32.83	1.39	0.62	-3.00	-4.31	-3.09	-4.23	0.32
		2023	39.61	-0.23	-31.09	-31.09	-0.23	0.13	1.22	-0.85	-0.76	1.13	0.41
		2022	39.38	-0.16	-31.14	-31.11	-0.20	-1.00	1.01	-0.84	-0.82	0.99	-0.17
1748	3	2003	8.67	0.16	-4.13	-4.06	0.08	-0.56	-0.64	-1.43	-0.65	-1.42	-0.08
		2004	8.42	0.13	-4.19	-4.16	0.11	-0.35	-0.63	-1.35	-0.63	-1.35	-0.04
		2023	6.05	-0.02	-4.60	-4.57	-0.04	-0.33	-0.38	-0.74	-0.38	-0.74	0.01
		2022	6.26	-0.01	-4.55	-4.51	-0.05	-0.40	-0.40	-0.81	-0.40	-0.80	-0.05
1748	4	2003	17.46	0.56	-12.90	-12.88	0.53	-0.57	-1.18	-1.67	-1.19	-1.66	-0.08
		2004	17.39	0.53	-12.88	-12.87	0.52	0.22	-1.16	-1.67	-1.19	-1.64	0.11
		2023	15.52	-0.09	-12.44	-12.44	-0.09	0.02	0.35	-0.37	-0.33	0.32	0.15
		2022	15.45	-0.07	-12.46	-12.45	-0.08	-0.40	0.27	-0.36	-0.36	0.26	-0.07
1749	1	2004	17.90	0.41	-3.87	-3.44	-0.02	-1.29	-1.19	-3.27	-1.21	-3.25	-0.19
		2005	16.56	0.40	-3.96	-3.65	0.09	-1.12	-1.10	-2.98	-1.12	-2.97	-0.18
		2024	13.29	0.21	-4.82	-4.58	-0.03	-1.07	-0.86	-2.24	-0.86	-2.24	0.01
		2023	14.13	0.17	-4.77	-4.53	-0.07	-1.07	-0.92	-2.44	-0.92	-2.43	-0.05
1749	2	2004	44.74	1.40	-32.83	-32.82	1.39	0.61	-3.00	-4.32	-3.09	-4.23	0.33
		2005	45.16	1.61	-32.09	-31.87	1.39	2.69	-2.49	-4.52	-2.97	-4.04	0.86
		2024	40.14	-0.19	-30.21	-30.16	-0.24	1.26	1.60	-1.09	-0.69	1.20	0.96
		2023	39.58	-0.23	-31.09	-31.09	-0.23	0.13	1.21	-0.83	-0.76	1.13	0.38
1749	3	2004	8.42	0.13	-4.19	-4.16	0.11	-0.35	-0.63	-1.35	-0.63	-1.35	-0.04
		2005	7.95	0.15	-4.14	-4.13	0.14	-0.12	-0.59	-1.25	-0.59	-1.25	2.45e-03
		2024	5.79	-0.02	-4.51	-4.50	-0.03	-0.24	-0.34	-0.68	-0.35	-0.67	0.07
		2023	6.05	-0.02	-4.60	-4.57	-0.04	-0.33	-0.38	-0.74	-0.38	-0.74	0.01
1749	4	2004	17.40	0.53	-12.87	-12.87	0.52	0.21	-1.16	-1.67	-1.19	-1.64	0.12
		2005	17.49	0.61	-12.57	-12.50	0.53	1.01	-0.98	-1.73	-1.14	-1.57	0.31
		2024	15.65	-0.08	-12.10	-12.08	-0.09	0.45	0.50	-0.46	-0.30	0.35	0.35
		2023	15.51	-0.09	-12.45	-12.45	-0.09	0.02	0.35	-0.36	-0.33	0.32	0.14
1750	1	2005	16.55	0.40	-3.96	-3.65	0.09	-1.12	-1.11	-2.98	-1.12	-2.97	-0.18
		2006	14.82	0.41	-3.87	-3.68	0.22	-0.87	-0.99	-2.62	-1.00	-2.60	-0.16



		2025	12.26	0.23	-4.69	-4.48	0.02	-1.00	-0.77	-2.02	-0.78	-2.02	0.07
		2024	13.28	0.21	-4.82	-4.58	-0.03	-1.07	-0.85	-2.24	-0.85	-2.24	7.92e-03
1750	2	2005	45.23	1.61	-32.07	-31.85	1.39	2.69	-2.49	-4.53	-2.98	-4.04	0.87
		2006	46.23	2.13	-30.67	-29.95	1.41	4.80	-1.75	-4.69	-2.74	-3.70	1.39
		2025	40.92	-0.04	-28.53	-28.32	-0.25	2.41	2.03	-1.45	-0.61	1.18	1.49
		2024	40.04	-0.19	-30.22	-30.17	-0.25	1.26	1.59	-1.06	-0.68	1.21	0.93
1750	3	2005	7.95	0.15	-4.14	-4.13	0.14	-0.12	-0.59	-1.25	-0.59	-1.25	4.15e-03
		2006	7.27	0.20	-3.96	-3.96	0.20	0.15	-0.53	-1.12	-0.54	-1.11	0.05
		2025	5.50	-8.70e-03	-4.29	-4.29	-0.01	-0.13	-0.27	-0.64	-0.32	-0.59	0.13
		2024	5.78	-0.02	-4.52	-4.50	-0.03	-0.24	-0.34	-0.68	-0.35	-0.67	0.07
1750	4	2005	17.51	0.61	-12.57	-12.49	0.53	1.01	-0.98	-1.74	-1.14	-1.57	0.32
		2006	17.78	0.81	-12.01	-11.74	0.55	1.83	-0.71	-1.79	-1.05	-1.44	0.50
		2025	15.84	-0.02	-11.42	-11.35	-0.09	0.88	0.68	-0.59	-0.27	0.36	0.55
		2024	15.62	-0.08	-12.10	-12.08	-0.09	0.45	0.50	-0.45	-0.30	0.35	0.34
1751	1	2006	14.81	0.41	-3.87	-3.68	0.22	-0.87	-0.99	-2.62	-1.01	-2.60	-0.15
		2007	12.75	0.47	-3.59	-3.52	0.40	-0.52	-0.84	-2.19	-0.85	-2.18	-0.13
		2026	11.07	0.25	-4.35	-4.19	0.09	-0.85	-0.67	-1.78	-0.69	-1.77	0.12
		2025	12.26	0.23	-4.70	-4.48	0.02	-1.00	-0.77	-2.02	-0.77	-2.01	0.06
1751	2	2006	46.39	2.13	-30.64	-29.93	1.42	4.79	-1.76	-4.72	-2.76	-3.71	1.40
		2007	47.94	3.05	-28.65	-27.05	1.45	6.94	-0.87	-4.72	-2.40	-3.20	1.89
		2026	41.94	0.26	-26.06	-25.56	-0.24	3.58	2.41	-1.88	-0.52	1.05	2.00
		2025	40.72	-0.04	-28.55	-28.34	-0.25	2.41	2.01	-1.41	-0.59	1.19	1.46
1751	3	2006	7.26	0.20	-3.96	-3.95	0.20	0.15	-0.54	-1.12	-0.54	-1.11	0.05
		2007	6.38	0.32	-3.68	-3.63	0.27	0.45	-0.45	-0.96	-0.46	-0.94	0.09
		2026	5.21	0.02	-3.92	-3.92	0.02	0.02	-0.18	-0.61	-0.28	-0.51	0.18
		2025	5.48	-9.00e-03	-4.29	-4.29	-0.01	-0.13	-0.27	-0.64	-0.32	-0.59	0.12
1751	4	2006	17.84	0.82	-12.00	-11.73	0.55	1.83	-0.71	-1.80	-1.06	-1.44	0.51
		2007	18.30	1.18	-11.20	-10.60	0.58	2.66	-0.38	-1.79	-0.92	-1.24	0.69
		2026	16.10	0.09	-10.42	-10.25	-0.08	1.33	0.83	-0.74	-0.23	0.32	0.74
		2025	15.77	-0.02	-11.43	-11.36	-0.09	0.88	0.67	-0.57	-0.26	0.36	0.54
1752	1	2007	12.73	0.47	-3.58	-3.51	0.40	-0.52	-0.85	-2.19	-0.86	-2.18	-0.13
		2008	10.42	0.62	-3.14	-3.14	0.62	-0.04	-0.66	-1.70	-0.67	-1.69	-0.11
		2027	9.69	0.28	-3.78	-3.69	0.19	-0.60	-0.56	-1.53	-0.59	-1.50	0.16
		2026	11.07	0.25	-4.36	-4.19	0.09	-0.86	-0.67	-1.78	-0.68	-1.77	0.11
1752	2	2007	48.30	3.06	-28.62	-27.01	1.46	6.95	-0.89	-4.78	-2.46	-3.21	1.91
		2008	50.26	4.54	-26.15	-23.13	1.51	9.14	0.15	-4.56	-1.92	-2.50	2.34
		2027	43.25	0.79	-22.84	-21.84	-0.21	4.76	2.69	-2.38	-0.45	0.76	2.46
		2026	41.58	0.25	-26.08	-25.59	-0.24	3.58	2.39	-1.82	-0.48	1.06	1.96
1752	3	2007	6.36	0.32	-3.67	-3.62	0.27	0.45	-0.45	-0.96	-0.47	-0.94	0.09
		2008	5.56	0.55	-3.31	-3.13	0.37	0.81	-0.33	-0.78	-0.37	-0.74	0.13
		2027	4.98	0.07	-3.41	-3.39	0.06	0.21	-0.09	-0.59	-0.24	-0.44	0.23
		2026	5.18	0.02	-3.92	-3.92	0.02	0.02	-0.18	-0.61	-0.27	-0.51	0.18
1752	4	2007	18.44	1.19	-11.19	-10.58	0.58	2.67	-0.38	-1.81	-0.94	-1.25	0.70
		2008	19.07	1.78	-10.21	-9.06	0.63	3.54	4.98e-03	-1.72	-0.74	-0.98	0.85
		2027	16.48	0.30	-9.13	-8.77	-0.06	1.80	0.95	-0.91	-0.20	0.23	0.91
		2026	15.98	0.09	-10.43	-10.26	-0.08	1.33	0.83	-0.72	-0.22	0.32	0.72
1753	1	2008	10.36	0.62	-3.13	-3.13	0.62	-0.04	-0.69	-1.71	-0.70	-1.70	-0.10
		2009	8.05	1.02	-2.61	-2.51	0.92	0.59	-0.43	-1.17	-0.45	-1.16	-0.10
		2028	8.09	0.34	-2.98	-2.96	0.33	-0.22	-0.44	-1.28	-0.49	-1.23	0.20
		2027	9.72	0.28	-3.79	-3.70	0.18	-0.61	-0.54	-1.53	-0.57	-1.50	0.16
1753	2	2008	51.14	4.56	-26.11	-23.07	1.52	9.16	0.09	-4.70	-2.08	-2.53	2.38
		2009	53.14	6.84	-23.34	-18.12	1.62	11.42	1.32	-4.13	-1.24	-1.57	2.72
		2028	44.94	1.75	-18.99	-17.12	-0.12	5.94	2.79	-2.96	-0.45	0.28	2.85
		2027	42.60	0.77	-22.88	-21.88	-0.23	4.75	2.70	-2.27	-0.35	0.78	2.42
1753	3	2008	5.68	0.55	-3.31	-3.13	0.36	0.82	-0.34	-0.79	-0.39	-0.74	0.14
		2009	5.14	0.95	-2.92	-2.47	0.50	1.24	-0.17	-0.58	-0.25	-0.50	0.16
		2028	4.91	0.20	-2.76	-2.69	0.13	0.46	-5.03e-03	-0.57	-0.20	-0.37	0.27
		2027	4.90	0.07	-3.41	-3.40	0.06	0.21	-0.08	-0.58	-0.22	-0.44	0.22
1753	4	2008	19.41	1.79	-10.19	-9.03	0.63	3.54	-0.02	-1.77	-0.80	-0.99	0.87
		2009	20.10	2.73	-9.11	-7.09	0.71	4.45	0.45	-1.55	-0.48	-0.62	1.00
		2028	17.02	0.68	-7.58	-6.89	-6.77e-03	2.29	1.00	-1.12	-0.19	0.07	1.05
		2027	16.24	0.29	-9.14	-8.78	-0.07	1.80	0.96	-0.87	-0.16	0.24	0.89
1754	1	2009	7.85	1.02	-2.61	-2.50	0.92	0.60	-0.53	-1.18	-0.54	-1.18	-0.08
		2010	6.32	1.84	-2.13	-1.59	1.29	1.37	-0.14	-0.63	-0.16	-0.60	-0.11
		2029	6.12	0.61	-2.05	-2.01	0.58	0.30	-0.35	-1.00	-0.42	-0.93	0.21
		2028	8.20	0.33	-2.98	-2.97	0.32	-0.23	-0.39	-1.27	-0.43	-1.22	0.19
1754	2	2009	55.28	6.93	-23.29	-18.03	1.67	11.46	1.13	-4.52	-1.71	-1.68	2.83
		2010	56.25	10.24	-20.31	-11.79	1.72	13.70	2.65	-3.34	-0.22	-0.47	2.99
		2029	46.71	3.55	-14.78	-11.48	0.25	7.04	2.56	-3.64	-0.66	-0.42	3.10
		2028	43.89	1.67	-19.05	-17.17	-0.20	5.95	2.93	-2.72	-0.14	0.34	2.82
1754	3	2009	5.48	0.96	-2.91	-2.46	0.50	1.25	-0.21	-0.62	-0.31	-0.51	0.17
		2010	5.14	1.62	-2.53	-1.60	0.68	1.73	0.04	-0.35	-0.07	-0.24	0.18
		2029	5.01	0.52	-2.08	-1.83	0.27	0.77	0.04	-0.54	-0.19	-0.32	0.29
		2028	4.74	0.19	-2.77	-2.70	0.12	0.46	0.02	-0.55	-0.16	-0.37	0.26
1754	4	2009	20.92	2.76	-9.09	-7.06	0.73	4.47	0.37	-1.70	-0.66	-0.66	1.03
		2010	21.28	4.13	-7.94	-4.62	0.81	5.39	0.95	-1.24	-0.09	-0.20	1.09
		2029	17.67	1.43	-5.90	-4.63	0.17	2.77	0.93	-1.36	-0.26	-0.17	1.14



		2028	16.62	0.65	-7.60	-6.91	-0.04	2.29	1.06	-1.03	-0.07	0.10	1.04
1755	1	2010	5.84	1.93	-2.13	-1.54	1.35	1.42	-0.42	-0.69	-0.44	-0.66	-0.07
		2011	6.54	3.05	-1.69	-0.27	1.63	2.18	0.29	-0.20	0.22	-0.14	-0.17
		2030	4.14	1.50	-1.32	-0.98	1.16	0.92	-0.22	-0.57	-0.33	-0.47	0.16
		2029	6.30	0.52	-2.05	-2.01	0.49	0.30	-0.22	-0.97	-0.28	-0.90	0.21
1755	2	2010	60.73	10.75	-20.16	-11.56	2.16	13.85	1.97	-4.48	-1.66	-0.85	3.20
		2011	57.80	14.28	-16.81	-3.59	1.06	15.37	3.79	-2.28	1.29	0.22	2.99
		2030	45.97	6.72	-10.21	-5.49	2.00	7.59	2.01	-4.05	-1.17	-0.87	3.02
		2029	45.70	3.17	-15.01	-11.54	-0.30	7.15	3.05	-3.16	0.13	-0.24	3.10
1755	3	2010	5.89	1.69	-2.52	-1.56	0.73	1.77	-0.08	-0.49	-0.28	-0.29	0.20
		2011	5.44	2.47	-2.11	-0.46	0.82	2.20	0.25	-0.12	0.17	-0.04	0.15
		2030	5.05	1.22	-1.48	-0.91	0.65	1.10	0.08	-0.46	-0.19	-0.19	0.27
		2029	4.80	0.45	-2.09	-1.83	0.19	0.77	0.12	-0.50	-0.08	-0.30	0.29
1755	4	2010	23.00	4.32	-7.88	-4.53	0.97	5.45	0.69	-1.67	-0.64	-0.35	1.17
		2011	21.94	5.80	-6.59	-1.45	0.66	6.11	1.38	-0.83	0.48	0.07	1.09
		2030	17.52	2.79	-4.13	-2.24	0.90	3.08	0.75	-1.49	-0.43	-0.31	1.12
		2029	17.27	1.28	-5.98	-4.65	-0.04	2.80	1.12	-1.18	0.04	-0.10	1.15
1756	1	2011	6.65	3.53	-0.64	1.02	1.87	2.04	-0.26	-0.59	-0.43	-0.43	-0.17
		163	6.55	3.39	-1.63	-0.34	2.10	2.19	0.77	0.32	0.77	0.32	-0.04
		184	6.67	3.09	-1.41	0.19	1.49	2.15	0.73	0.09	0.68	0.14	0.17
		2030	3.54	1.43	-2.04	-1.71	1.09	1.02	-0.08	-0.31	-0.11	-0.28	0.08
1756	2	2011	58.24	16.92	-11.47	2.64	2.81	14.20	1.02	-5.30	-2.40	-1.88	3.15
		163	50.17	12.26	-12.90	-1.91	1.27	12.48	4.60	-1.21	3.18	0.20	2.49
		184	55.43	12.15	-8.54	1.04	2.56	10.32	4.99	-2.09	1.94	0.95	3.50
		2030	43.58	6.01	-13.62	-9.03	1.41	8.31	2.62	-2.70	-0.23	0.14	2.65
1756	3	2011	5.50	2.84	-1.35	0.45	1.03	2.07	-0.12	-0.46	-0.31	-0.28	0.17
		163	5.84	2.56	-1.79	-0.32	1.09	2.06	0.56	0.08	0.48	0.15	0.17
		184	6.64	2.36	-1.38	0.09	0.89	1.83	0.55	-0.11	0.35	0.09	0.31
		2030	4.61	1.14	-1.98	-1.43	0.58	1.19	0.18	-0.25	-0.02	-0.05	0.21
1756	4	2011	22.15	6.80	-4.56	0.93	1.31	5.68	0.36	-1.96	-0.89	-0.71	1.15
		163	19.31	5.20	-5.14	-0.78	0.84	5.10	1.73	-0.41	1.20	0.11	0.92
		184	21.21	5.04	-3.49	0.34	1.20	4.25	1.83	-0.78	0.72	0.33	1.29
		2030	16.59	2.51	-5.43	-3.60	0.68	3.35	0.99	-0.97	-0.06	0.07	0.98
1757	1	231	9.72	4.73	-0.81	2.32	1.60	-2.75	1.56	0.79	1.43	0.93	0.30
		2012	7.46	5.28	-0.29	3.74	1.26	-2.49	-0.40	-0.62	-0.41	-0.60	0.05
		2031	10.51	1.74	-0.82	0.78	0.14	-1.24	-0.39	-1.67	-0.80	-1.26	-0.59
		192	10.16	5.71	-0.71	4.22	0.79	-2.72	0.45	-0.44	0.40	-0.39	-0.20
1757	2	231	51.17	25.40	-3.97	17.34	4.08	-13.11	5.41	2.97	5.27	3.11	-0.56
		2012	47.17	26.40	-5.60	18.32	2.48	-13.90	1.17	-2.73	-0.63	-0.93	-1.94
		2031	30.24	14.63	-2.84	12.28	-0.49	-5.96	1.67	-2.14	-0.76	0.29	-1.83
		192	43.23	30.49	-0.52	26.79	3.18	-10.05	1.11	-1.73	0.99	-1.61	-0.57
1757	3	231	7.92	4.44	-0.88	2.34	1.23	-2.60	0.93	0.63	0.92	0.65	0.06
		2012	6.03	4.66	-0.71	3.10	0.86	-2.44	-0.06	-0.32	-0.16	-0.22	-0.12
		2031	5.98	2.40	-0.53	1.91	-0.03	-1.10	-0.08	-0.75	-0.38	-0.46	-0.33
		192	8.77	5.92	-0.19	5.00	0.73	-2.19	0.28	-0.35	0.26	-0.33	-0.11
1757	4	231	20.38	10.54	-1.79	6.79	1.96	-5.67	2.11	1.25	2.06	1.29	-0.19
		2012	18.66	10.91	-2.28	7.42	1.22	-5.82	0.45	-0.99	-0.22	-0.32	-0.71
		2031	12.05	6.28	-1.18	5.32	-0.22	-2.50	0.54	-0.91	-0.37	1.08e-04	-0.70
		192	18.61	13.30	-0.16	11.69	1.44	-4.36	0.47	-0.73	0.43	-0.69	-0.22
1758	1	2012	6.26	4.82	-0.44	3.30	1.08	-2.38	-0.21	-0.68	-0.21	-0.67	-0.04
		2013	8.53	3.42	-0.26	2.45	0.70	-1.62	-0.42	-1.41	-0.43	-1.39	-0.10
		2032	8.27	0.56	-0.66	-0.32	0.22	-0.55	-0.41	-1.48	-0.56	-1.33	-0.37
		2031	8.49	1.85	-0.55	1.17	0.13	-1.08	-0.03	-1.18	-0.20	-1.01	-0.41
1758	2	2012	47.79	24.67	-6.09	16.75	1.82	-13.44	1.64	-2.39	0.20	-0.95	-1.93
		2013	47.13	17.66	-7.80	9.23	0.63	-11.98	1.75	-3.07	0.13	-1.46	-2.28
		2032	28.37	8.13	-2.49	5.72	-0.07	-4.45	3.69	-0.20	0.61	2.87	-1.58
		2031	29.00	15.48	-2.13	13.68	-0.33	-5.33	2.35	-0.37	0.94	1.04	-1.36
1758	3	2012	6.51	4.29	-0.83	2.76	0.71	-2.35	0.05	-0.34	-0.04	-0.25	-0.16
		2013	6.17	2.96	-0.85	1.72	0.39	-1.78	-0.01	-0.59	-0.10	-0.51	-0.20
		2032	3.85	1.09	-0.29	0.73	0.07	-0.61	0.03	-0.47	-0.16	-0.28	-0.24
		2031	5.42	2.57	-0.36	2.22	-6.05e-03	-0.95	0.15	-0.41	0.03	-0.29	-0.23
1758	4	2012	18.97	10.17	-2.50	6.75	0.93	-5.62	0.63	-0.88	0.09	-0.33	-0.72
		2013	18.22	7.18	-3.09	3.73	0.37	-4.86	0.67	-1.12	0.07	-0.52	-0.84
		2032	10.58	3.42	-0.92	2.51	-0.01	-1.77	1.29	-0.14	0.18	0.97	-0.60
		2031	11.78	6.65	-0.86	5.93	-0.14	-2.21	0.85	-0.17	0.37	0.31	-0.51
1759	1	2013	8.62	3.46	-0.32	2.42	0.72	-1.69	-0.45	-1.42	-0.46	-1.40	-0.13
		2014	10.70	2.13	-0.35	1.34	0.44	-1.15	-0.56	-1.91	-0.59	-1.88	-0.20
		2033	8.59	0.12	-1.53	-1.53	0.12	-0.08	-0.41	-1.52	-0.52	-1.41	-0.34
		2032	8.04	0.36	-0.57	-0.30	0.10	-0.42	-0.27	-1.41	-0.40	-1.28	-0.36
1759	2	2013	47.63	17.81	-7.96	9.04	0.81	-12.21	1.73	-3.14	-0.01	-1.40	-2.33
		2014	46.50	11.55	-10.05	1.08	0.42	-10.80	2.04	-3.33	-0.09	-1.20	-2.62
		2033	35.03	2.70	-4.52	-1.44	-0.38	-3.57	5.40	0.51	1.26	4.64	-1.77
		2032	27.96	7.78	-2.48	5.78	-0.49	-4.06	3.85	0.21	1.11	2.94	-1.57
1759	3	2013	6.29	3.01	-0.89	1.70	0.42	-1.84	-0.03	-0.61	-0.13	-0.51	-0.22
		2014	6.19	1.83	-1.05	0.54	0.24	-1.43	-0.06	-0.76	-0.17	-0.65	-0.26
		2033	3.28	0.14	-0.66	-0.53	6.23e-03	-0.30	0.11	-0.39	-0.10	-0.18	-0.25
		2032	3.80	0.99	-0.28	0.74	-0.02	-0.51	0.11	-0.41	-0.05	-0.25	-0.24



1759	4	2013	18.46	7.26	-3.16	3.66	0.45	-4.96	0.65	-1.16	1.02e-03	-0.51	-0.87
		2014	17.76	4.64	-3.94	0.46	0.23	-4.29	0.76	-1.24	-0.03	-0.45	-0.98
		2033	12.71	1.02	-1.67	-0.50	-0.14	-1.33	1.91	0.12	0.43	1.61	-0.67
		2032	10.47	3.27	-0.93	2.54	-0.20	-1.59	1.37	0.04	0.40	1.01	-0.60
1760	1	2014	10.65	2.15	-0.35	1.34	0.46	-1.17	-0.58	-1.90	-0.61	-1.87	-0.20
		2015	12.23	1.10	-0.56	0.29	0.25	-0.83	-0.69	-2.26	-0.73	-2.22	-0.25
		2034	9.21	0.10	-2.56	-2.55	0.09	0.13	-0.42	-1.55	-0.52	-1.44	-0.33
		2033	8.64	0.08	-1.54	-1.54	0.08	-0.03	-0.36	-1.51	-0.48	-1.40	-0.35
1760	2	2014	46.43	11.65	-10.08	1.06	0.50	-10.86	1.98	-3.34	-0.17	-1.20	-2.61
		2015	45.39	7.13	-12.94	-6.15	0.34	-9.49	2.12	-3.37	-0.35	-0.90	-2.73
		2034	44.01	0.54	-9.01	-7.95	-0.52	-3.00	7.02	1.08	1.75	6.35	-1.88
		2033	34.80	2.49	-4.46	-1.44	-0.53	-3.45	5.46	0.64	1.43	4.67	-1.78
1760	3	2014	6.17	1.85	-1.05	0.54	0.26	-1.44	-0.08	-0.77	-0.19	-0.65	-0.26
		2015	6.17	1.00	-1.38	-0.53	0.15	-1.14	-0.12	-0.87	-0.25	-0.75	-0.28
		2034	3.43	-2.84e-03	-1.63	-1.62	-0.01	-0.14	0.17	-0.34	-0.07	-0.09	-0.26
		2033	3.24	0.08	-0.65	-0.53	-0.03	-0.26	0.14	-0.38	-0.06	-0.17	-0.25
1760	4	2014	17.75	4.68	-3.95	0.46	0.27	-4.32	0.73	-1.25	-0.06	-0.45	-0.97
		2015	17.23	2.80	-5.07	-2.44	0.18	-3.71	0.78	-1.27	-0.14	-0.36	-1.02
		2034	15.92	0.14	-3.55	-3.22	-0.20	-1.06	2.49	0.33	0.60	2.22	-0.72
		2033	12.62	0.93	-1.64	-0.51	-0.21	-1.27	1.94	0.18	0.50	1.62	-0.68
1761	1	2015	12.21	1.11	-0.56	0.29	0.26	-0.84	-0.70	-2.26	-0.74	-2.22	-0.24
		2016	13.46	0.49	-1.05	-0.68	0.12	-0.66	-0.80	-2.52	-0.84	-2.48	-0.27
		2035	9.39	0.09	-3.39	-3.38	0.08	0.18	-0.43	-1.51	-0.52	-1.42	-0.31
		2034	9.24	0.08	-2.56	-2.55	0.08	0.15	-0.40	-1.54	-0.51	-1.44	-0.33
1761	2	2015	45.13	7.16	-12.95	-6.16	0.37	-9.51	2.07	-3.35	-0.38	-0.91	-2.70
		2016	44.14	4.27	-16.46	-12.45	0.26	-8.18	2.08	-3.23	-0.54	-0.60	-2.65
		2035	53.14	-0.13	-14.18	-13.71	-0.60	-2.52	8.51	1.63	2.17	7.97	-1.85
		2034	43.92	0.47	-9.00	-7.95	-0.58	-2.96	7.05	1.13	1.81	6.37	-1.89
1761	3	2015	6.15	1.01	-1.39	-0.53	0.16	-1.15	-0.13	-0.87	-0.26	-0.75	-0.28
		2016	6.26	0.52	-1.91	-1.48	0.08	-0.93	-0.18	-0.95	-0.31	-0.82	-0.28
		2035	3.93	-0.02	-2.54	-2.53	-0.02	-0.06	0.23	-0.27	-0.05	7.37e-03	-0.25
		2034	3.41	-0.02	-1.63	-1.62	-0.03	-0.13	0.19	-0.33	-0.06	-0.09	-0.26
1761	4	2015	17.14	2.82	-5.07	-2.44	0.19	-3.72	0.76	-1.27	-0.15	-0.36	-1.01
		2016	16.76	1.64	-6.48	-4.97	0.13	-3.16	0.75	-1.23	-0.22	-0.26	-0.99
		2035	19.26	-0.09	-5.73	-5.60	-0.22	-0.86	3.01	0.52	0.74	2.79	-0.71
		2034	15.88	0.11	-3.55	-3.22	-0.22	-1.05	2.50	0.35	0.63	2.23	-0.72
1762	1	2016	13.44	0.50	-1.05	-0.68	0.12	-0.66	-0.80	-2.52	-0.85	-2.48	-0.26
		2017	14.49	0.23	-1.76	-1.54	0.02	-0.61	-0.88	-2.70	-0.93	-2.66	-0.27
		2036	9.23	0.08	-4.05	-4.05	0.08	0.11	-0.43	-1.43	-0.51	-1.35	-0.27
		2035	9.40	0.09	-3.38	-3.37	0.08	0.18	-0.42	-1.51	-0.51	-1.41	-0.31
1762	2	2016	43.85	4.28	-16.46	-12.45	0.27	-8.18	2.04	-3.20	-0.55	-0.61	-2.62
		2017	42.87	2.51	-20.16	-17.82	0.17	-6.90	1.95	-2.94	-0.68	-0.30	-2.44
		2036	61.66	-0.42	-18.92	-18.68	-0.66	-2.09	9.85	2.14	2.54	9.45	-1.71
		2035	53.11	-0.16	-14.18	-13.71	-0.62	-2.52	8.53	1.65	2.19	7.98	-1.86
1762	3	2016	6.23	0.52	-1.91	-1.48	0.09	-0.93	-0.19	-0.94	-0.31	-0.82	-0.28
		2017	6.37	0.27	-2.53	-2.30	0.03	-0.78	-0.24	-0.98	-0.35	-0.87	-0.27
		2036	4.55	-0.03	-3.30	-3.30	-0.03	-0.04	0.28	-0.20	-0.03	0.11	-0.23
		2035	3.92	-0.03	-2.53	-2.53	-0.03	-0.06	0.24	-0.27	-0.05	9.59e-03	-0.25
1762	4	2016	16.66	1.64	-6.48	-4.97	0.13	-3.16	0.73	-1.22	-0.23	-0.27	-0.98
		2017	16.35	0.94	-7.98	-7.12	0.08	-2.64	0.69	-1.14	-0.28	-0.17	-0.91
		2036	22.39	-0.18	-7.70	-7.64	-0.25	-0.69	3.47	0.71	0.87	3.31	-0.65
		2035	19.24	-0.10	-5.73	-5.60	-0.24	-0.86	3.02	0.53	0.76	2.79	-0.71
1763	1	2017	14.48	0.23	-1.76	-1.54	0.02	-0.61	-0.89	-2.70	-0.93	-2.66	-0.27
		2018	15.16	0.12	-2.48	-2.31	-0.05	-0.65	-0.94	-2.80	-0.98	-2.77	-0.26
		2037	8.87	0.07	-4.60	-4.60	0.07	-0.03	-0.42	-1.31	-0.48	-1.25	-0.23
		2036	9.24	0.08	-4.05	-4.05	0.07	0.11	-0.42	-1.43	-0.50	-1.35	-0.27
1763	2	2017	42.59	2.51	-20.16	-17.82	0.17	-6.89	1.92	-2.91	-0.69	-0.31	-2.41
		2018	41.66	1.43	-23.62	-22.27	0.08	-5.65	1.75	-2.54	-0.78	-0.01	-2.11
		2037	69.28	-0.58	-22.98	-22.85	-0.72	-1.71	11.03	2.61	2.88	10.76	-1.47
		2036	61.66	-0.43	-18.93	-18.68	-0.67	-2.10	9.86	2.15	2.56	9.46	-1.71
1763	3	2017	6.35	0.27	-2.53	-2.30	0.04	-0.78	-0.24	-0.98	-0.36	-0.87	-0.27
		2018	6.47	0.14	-3.13	-2.99	-1.62e-03	-0.67	-0.29	-0.99	-0.39	-0.90	-0.24
		2037	5.18	-0.03	-3.93	-3.93	-0.03	-0.06	0.33	-0.12	-7.42e-03	0.21	-0.19
		2036	4.55	-0.03	-3.30	-3.30	-0.03	-0.04	0.28	-0.20	-0.03	0.11	-0.23
1763	4	2017	16.25	0.94	-7.98	-7.12	0.08	-2.64	0.67	-1.13	-0.28	-0.17	-0.90
		2018	16.00	0.53	-9.40	-8.90	0.04	-2.15	0.60	-1.00	-0.33	-0.08	-0.79
		2037	25.20	-0.23	-9.37	-9.34	-0.26	-0.56	3.88	0.88	0.99	3.77	-0.56
		2036	22.39	-0.18	-7.70	-7.64	-0.25	-0.70	3.48	0.71	0.88	3.31	-0.66
1764	1	2018	15.16	0.12	-2.48	-2.31	-0.05	-0.65	-0.95	-2.80	-0.98	-2.77	-0.25
		2019	15.50	0.09	-3.15	-2.98	-0.09	-0.73	-0.98	-2.84	-1.01	-2.81	-0.23
		2038	8.43	0.07	-5.06	-5.05	0.06	-0.21	-0.41	-1.18	-0.45	-1.14	-0.18
		2037	8.88	0.07	-4.60	-4.60	0.07	-0.03	-0.42	-1.31	-0.48	-1.25	-0.23
1764	2	2018	41.42	1.43	-23.62	-22.28	0.08	-5.65	1.72	-2.52	-0.78	-0.01	-2.08
		2019	40.62	0.74	-26.57	-25.82	-7.36e-03	-4.45	1.51	-2.08	-0.84	0.27	-1.71
		2038	75.85	-0.69	-26.27	-26.19	-0.76	-1.38	12.05	3.02	3.17	11.90	-1.15
		2037	69.28	-0.58	-22.98	-22.85	-0.72	-1.73	11.03	2.62	2.88	10.77	-1.47
1764	3	2018	6.46	0.14	-3.13	-2.99	-1.08e-03	-0.67	-0.29	-0.99	-0.39	-0.90	-0.24



		2019	6.52	0.07	-3.65	-3.56	-0.03	-0.59	-0.33	-0.97	-0.40	-0.90	-0.20
		2038	5.78	-0.03	-4.44	-4.44	-0.04	-0.10	0.38	-0.05	0.02	0.31	-0.15
		2037	5.18	-0.03	-3.93	-3.93	-0.03	-0.06	0.33	-0.12	-5.86e-03	0.21	-0.20
1764	4	2018	15.92	0.53	-9.40	-8.91	0.04	-2.15	0.59	-0.99	-0.33	-0.08	-0.78
		2019	15.73	0.27	-10.60	-10.33	-2.00e-03	-1.69	0.49	-0.84	-0.35	0.01	-0.64
		2038	27.62	-0.26	-10.72	-10.70	-0.28	-0.45	4.24	1.03	1.09	4.17	-0.44
		2037	25.20	-0.23	-9.37	-9.34	-0.27	-0.57	3.88	0.88	0.99	3.77	-0.56
1765	1	2019	15.49	0.09	-3.15	-2.98	-0.09	-0.73	-0.98	-2.84	-1.01	-2.81	-0.23
		2020	15.53	0.08	-3.73	-3.54	-0.11	-0.84	-0.99	-2.81	-1.01	-2.79	-0.19
		2039	7.99	0.08	-5.44	-5.41	0.05	-0.42	-0.39	-1.03	-0.42	-1.01	-0.12
		2038	8.43	0.07	-5.06	-5.05	0.06	-0.22	-0.41	-1.18	-0.45	-1.13	-0.18
1765	2	2019	40.42	0.74	-26.57	-25.83	-7.74e-03	-4.44	1.48	-2.05	-0.84	0.27	-1.67
		2020	39.84	0.29	-28.85	-28.48	-0.08	-3.28	1.25	-1.58	-0.86	0.53	-1.23
		2039	81.27	-0.77	-28.75	-28.71	-0.81	-1.09	12.90	3.35	3.41	12.84	-0.78
		2038	75.86	-0.69	-26.27	-26.19	-0.77	-1.40	12.05	3.02	3.17	11.90	-1.15
1765	3	2019	6.51	0.07	-3.65	-3.56	-0.03	-0.59	-0.34	-0.97	-0.41	-0.90	-0.20
		2020	6.51	0.03	-4.07	-4.00	-0.04	-0.52	-0.37	-0.93	-0.41	-0.89	-0.16
		2039	6.30	-0.03	-4.83	-4.82	-0.04	-0.16	0.44	0.01	0.04	0.41	-0.11
		2038	5.78	-0.03	-4.44	-4.44	-0.04	-0.11	0.38	-0.05	0.02	0.31	-0.16
1765	4	2019	15.66	0.27	-10.60	-10.33	-2.02e-03	-1.69	0.48	-0.83	-0.35	0.01	-0.63
		2020	15.53	0.10	-11.53	-11.39	-0.03	-1.25	0.39	-0.65	-0.37	0.10	-0.46
		2039	29.62	-0.28	-11.74	-11.72	-0.30	-0.36	4.54	1.15	1.17	4.51	-0.30
		2038	27.62	-0.26	-10.72	-10.70	-0.28	-0.46	4.24	1.03	1.09	4.18	-0.44
1766	1	2020	15.53	0.09	-3.73	-3.54	-0.11	-0.84	-0.99	-2.81	-1.01	-2.79	-0.19
		2021	15.30	0.11	-4.21	-3.99	-0.11	-0.94	-0.99	-2.73	-1.00	-2.72	-0.15
		2040	7.63	0.11	-5.75	-5.68	0.04	-0.63	-0.37	-0.89	-0.38	-0.88	-0.06
		2039	7.99	0.09	-5.44	-5.41	0.05	-0.42	-0.39	-1.03	-0.42	-1.01	-0.12
1766	2	2020	39.69	0.29	-28.85	-28.48	-0.08	-3.27	1.23	-1.55	-0.86	0.53	-1.20
		2021	39.36	5.95e-03	-30.39	-30.24	-0.15	-2.14	1.04	-1.12	-0.85	0.77	-0.72
		2040	85.46	-0.83	-30.41	-30.39	-0.85	-0.82	13.59	3.60	3.62	13.58	-0.38
		2039	81.28	-0.77	-28.75	-28.71	-0.81	-1.11	12.91	3.35	3.42	12.84	-0.78
1766	3	2020	6.49	0.03	-4.07	-4.00	-0.04	-0.52	-0.37	-0.93	-0.41	-0.89	-0.15
		2021	6.42	7.84e-04	-4.37	-4.32	-0.05	-0.46	-0.39	-0.88	-0.41	-0.85	-0.10
		2040	6.73	-0.03	-5.10	-5.09	-0.05	-0.23	0.50	0.06	0.06	0.49	-0.05
		2039	6.30	-0.03	-4.83	-4.82	-0.04	-0.16	0.44	0.01	0.04	0.41	-0.11
1766	4	2020	15.48	0.10	-11.53	-11.39	-0.03	-1.24	0.38	-0.64	-0.37	0.10	-0.45
		2021	15.42	-4.02e-03	-12.15	-12.10	-0.06	-0.82	0.29	-0.48	-0.37	0.18	-0.27
		2040	31.18	-0.30	-12.42	-12.41	-0.31	-0.28	4.78	1.24	1.25	4.78	-0.15
		2039	29.63	-0.28	-11.74	-11.72	-0.30	-0.37	4.54	1.15	1.18	4.51	-0.30
1767	1	2021	15.30	0.11	-4.21	-3.99	-0.11	-0.94	-0.99	-2.73	-1.00	-2.72	-0.14
		2022	14.84	0.14	-4.56	-4.32	-0.10	-1.03	-0.96	-2.61	-0.97	-2.60	-0.10
		2041	7.39	0.15	-5.97	-5.85	0.03	-0.83	-0.34	-0.75	-0.34	-0.75	-1.89e-03
		2040	7.63	0.11	-5.75	-5.68	0.04	-0.63	-0.37	-0.89	-0.38	-0.88	-0.06
1767	2	2021	39.27	4.50e-03	-30.39	-30.24	-0.15	-2.13	1.02	-1.10	-0.85	0.77	-0.69
		2022	39.22	-0.16	-31.15	-31.12	-0.19	-1.01	0.98	-0.83	-0.81	0.96	-0.17
		2041	88.31	-0.88	-31.23	-31.22	-0.89	-0.57	14.10	3.77	3.77	14.10	0.04
		2040	85.47	-0.83	-30.41	-30.39	-0.85	-0.84	13.59	3.60	3.62	13.58	-0.38
1767	3	2021	6.41	7.30e-04	-4.37	-4.32	-0.05	-0.46	-0.39	-0.87	-0.41	-0.85	-0.10
		2022	6.26	-0.01	-4.55	-4.51	-0.05	-0.40	-0.39	-0.81	-0.40	-0.80	-0.05
		2041	7.06	-0.03	-5.26	-5.24	-0.05	-0.29	0.57	0.09	0.09	0.57	-5.84e-04
		2040	6.74	-0.03	-5.10	-5.09	-0.05	-0.23	0.50	0.06	0.06	0.49	-0.06
1767	4	2021	15.39	-4.49e-03	-12.15	-12.10	-0.06	-0.82	0.28	-0.47	-0.37	0.18	-0.26
		2022	15.40	-0.06	-12.46	-12.45	-0.08	-0.40	0.26	-0.36	-0.35	0.25	-0.07
		2041	32.24	-0.32	-12.76	-12.76	-0.32	-0.21	4.97	1.30	1.30	4.97	0.01
		2040	31.18	-0.30	-12.42	-12.41	-0.31	-0.29	4.78	1.24	1.25	4.78	-0.15
1768	1	2022	14.84	0.14	-4.56	-4.33	-0.10	-1.03	-0.96	-2.61	-0.97	-2.60	-0.09
		2023	14.18	0.18	-4.77	-4.53	-0.07	-1.08	-0.92	-2.44	-0.92	-2.44	-0.05
		2042	7.26	0.19	-6.08	-5.92	0.02	-1.00	-0.29	-0.64	-0.30	-0.63	0.06
		2041	7.38	0.15	-5.97	-5.85	0.03	-0.83	-0.34	-0.75	-0.34	-0.75	-4.53e-03
1768	2	2022	39.20	-0.16	-31.15	-31.12	-0.19	-1.00	0.97	-0.82	-0.81	0.96	-0.14
		2023	39.42	-0.22	-31.09	-31.09	-0.22	0.12	1.18	-0.83	-0.75	1.10	0.39
		2042	89.67	-0.92	-31.22	-31.21	-0.92	-0.32	14.39	3.84	3.86	14.37	0.46
		2041	88.32	-0.88	-31.23	-31.22	-0.89	-0.59	14.10	3.77	3.77	14.10	0.04
1768	3	2022	6.26	-0.01	-4.55	-4.51	-0.05	-0.40	-0.39	-0.81	-0.40	-0.80	-0.04
		2023	6.05	-0.02	-4.60	-4.58	-0.04	-0.33	-0.38	-0.74	-0.38	-0.74	0.01
		2042	7.26	-0.03	-5.29	-5.27	-0.06	-0.35	0.64	0.10	0.11	0.63	0.05
		2041	7.06	-0.03	-5.26	-5.24	-0.05	-0.29	0.57	0.09	0.09	0.57	-2.47e-03
1768	4	2022	15.39	-0.07	-12.46	-12.45	-0.08	-0.39	0.26	-0.36	-0.35	0.25	-0.06
		2023	15.45	-0.09	-12.45	-12.45	-0.09	0.02	0.33	-0.36	-0.33	0.31	0.14
		2042	32.77	-0.33	-12.76	-12.76	-0.34	-0.15	5.08	1.33	1.34	5.07	0.17
		2041	32.25	-0.32	-12.76	-12.76	-0.32	-0.22	4.97	1.30	1.30	4.97	0.01
1769	1	2023	14.18	0.18	-4.78	-4.53	-0.07	-1.08	-0.92	-2.44	-0.92	-2.44	-0.04
		2024	13.33	0.21	-4.83	-4.59	-0.03	-1.07	-0.85	-2.25	-0.85	-2.25	9.25e-03
		2043	7.21	0.23	-6.08	-5.87	0.01	-1.14	-0.22	-0.57	-0.26	-0.52	0.12
		2042	7.25	0.19	-6.09	-5.92	0.02	-1.01	-0.29	-0.64	-0.30	-0.63	0.06
1769	2	2023	39.46	-0.22	-31.10	-31.10	-0.22	0.13	1.19	-0.84	-0.75	1.10	0.42
		2024	39.91	-0.19	-30.23	-30.17	-0.24	1.26	1.56	-1.08	-0.68	1.17	0.94



		2043	89.34	-0.94	-30.35	-30.35	-0.94	-0.08	14.42	3.82	3.89	14.36	0.86
		2042	89.68	-0.92	-31.22	-31.21	-0.92	-0.34	14.39	3.84	3.86	14.37	0.46
1769	3	2023	6.05	-0.02	-4.60	-4.58	-0.04	-0.33	-0.38	-0.74	-0.38	-0.74	0.01
		2024	5.79	-0.02	-4.52	-4.50	-0.03	-0.24	-0.34	-0.69	-0.35	-0.67	0.07
		2043	7.31	-0.03	-5.20	-5.17	-0.06	-0.40	0.69	0.10	0.12	0.68	0.10
		2042	7.26	-0.03	-5.29	-5.27	-0.06	-0.35	0.64	0.10	0.11	0.63	0.05
1769	4	2023	15.46	-0.09	-12.45	-12.45	-0.09	0.02	0.34	-0.36	-0.33	0.31	0.15
		2024	15.57	-0.08	-12.10	-12.08	-0.09	0.45	0.49	-0.45	-0.30	0.34	0.35
		2043	32.68	-0.35	-12.42	-12.42	-0.35	-0.08	5.11	1.32	1.35	5.08	0.32
		2042	32.78	-0.33	-12.76	-12.76	-0.34	-0.16	5.08	1.33	1.34	5.08	0.17
1770	1	2024	13.34	0.21	-4.83	-4.59	-0.03	-1.07	-0.85	-2.25	-0.85	-2.25	0.01
		2025	12.31	0.24	-4.70	-4.48	0.02	-1.01	-0.77	-2.03	-0.77	-2.02	0.06
		2044	7.19	0.26	-5.93	-5.67	3.65e-03	-1.24	-0.12	-0.52	-0.22	-0.42	0.17
		2043	7.20	0.23	-6.08	-5.87	0.01	-1.15	-0.22	-0.56	-0.26	-0.52	0.11
1770	2	2024	40.02	-0.19	-30.23	-30.17	-0.24	1.26	1.59	-1.10	-0.68	1.17	0.98
		2025	40.68	-0.04	-28.55	-28.34	-0.24	2.41	1.99	-1.44	-0.59	1.14	1.48
		2044	87.06	-0.96	-28.64	-28.64	-0.96	0.18	14.16	3.69	3.83	14.02	1.21
		2043	89.36	-0.94	-30.35	-30.35	-0.94	-0.10	14.43	3.82	3.89	14.36	0.86
1770	3	2024	5.79	-0.02	-4.52	-4.50	-0.03	-0.24	-0.34	-0.69	-0.35	-0.67	0.07
		2025	5.49	-8.01e-03	-4.29	-4.29	-0.01	-0.13	-0.27	-0.65	-0.32	-0.60	0.13
		2044	7.18	-0.03	-4.97	-4.94	-0.07	-0.43	0.74	0.10	0.14	0.70	0.15
		2043	7.31	-0.03	-5.20	-5.17	-0.06	-0.40	0.69	0.10	0.12	0.68	0.10
1770	4	2024	15.61	-0.08	-12.10	-12.08	-0.09	0.45	0.50	-0.46	-0.30	0.34	0.36
		2025	15.76	-0.02	-11.43	-11.36	-0.09	0.88	0.66	-0.58	-0.26	0.34	0.55
		2044	31.88	-0.35	-11.74	-11.74	-0.35	-6.57e-03	5.03	1.28	1.34	4.98	0.46
		2043	32.69	-0.35	-12.42	-12.42	-0.35	-0.09	5.11	1.32	1.35	5.08	0.32
1771	1	2025	12.32	0.24	-4.70	-4.49	0.02	-1.01	-0.77	-2.02	-0.77	-2.02	0.07
		2026	11.12	0.26	-4.36	-4.20	0.09	-0.86	-0.67	-1.79	-0.68	-1.77	0.12
		2045	7.12	0.29	-5.61	-5.32	-5.54e-03	-1.28	-0.03	-0.50	-0.19	-0.34	0.22
		2044	7.18	0.26	-5.94	-5.68	4.57e-03	-1.24	-0.13	-0.52	-0.23	-0.42	0.17
1771	2	2025	40.85	-0.04	-28.55	-28.34	-0.24	2.41	2.02	-1.47	-0.59	1.14	1.52
		2026	41.68	0.26	-26.08	-25.59	-0.23	3.57	2.38	-1.88	-0.49	1.00	1.99
		2045	82.47	-0.95	-26.09	-26.08	-0.96	0.44	13.51	3.45	3.67	13.28	1.50
		2044	87.08	-0.96	-28.64	-28.64	-0.96	0.16	14.16	3.69	3.83	14.02	1.21
1771	3	2025	5.50	-8.57e-03	-4.29	-4.29	-0.01	-0.13	-0.27	-0.65	-0.32	-0.60	0.13
		2026	5.20	0.02	-3.92	-3.92	0.02	0.02	-0.18	-0.61	-0.28	-0.52	0.18
		2045	6.85	-0.03	-4.60	-4.56	-0.07	-0.43	0.75	0.09	0.14	0.69	0.19
		2044	7.19	-0.03	-4.97	-4.94	-0.07	-0.43	0.74	0.10	0.14	0.70	0.15
1771	4	2025	15.82	-0.02	-11.43	-11.36	-0.09	0.88	0.67	-0.59	-0.26	0.34	0.56
		2026	16.01	0.09	-10.43	-10.26	-0.08	1.33	0.82	-0.74	-0.22	0.30	0.74
		2045	30.24	-0.35	-10.71	-10.71	-0.36	0.08	4.82	1.20	1.29	4.73	0.57
		2044	31.89	-0.35	-11.74	-11.74	-0.35	-0.01	5.03	1.28	1.34	4.98	0.46
1772	1	2026	11.13	0.26	-4.36	-4.20	0.09	-0.86	-0.67	-1.79	-0.68	-1.77	0.12
		2027	9.75	0.28	-3.79	-3.70	0.19	-0.61	-0.55	-1.54	-0.58	-1.51	0.16
		2046	6.92	0.29	-5.08	-4.78	-0.01	-1.24	0.05	-0.49	-0.16	-0.29	0.26
		2045	7.10	0.29	-5.61	-5.32	-3.43e-03	-1.28	-0.04	-0.50	-0.19	-0.34	0.22
1772	2	2026	41.92	0.26	-26.08	-25.59	-0.23	3.58	2.41	-1.91	-0.50	1.00	2.03
		2027	42.94	0.79	-22.87	-21.88	-0.20	4.75	2.67	-2.36	-0.40	0.71	2.46
		2046	75.17	-0.91	-22.70	-22.68	-0.94	0.70	12.41	3.07	3.40	12.08	1.71
		2045	82.50	-0.95	-26.08	-26.08	-0.96	0.42	13.52	3.45	3.67	13.29	1.50
1772	3	2026	5.21	0.02	-3.92	-3.92	0.02	0.02	-0.18	-0.62	-0.28	-0.52	0.18
		2027	4.96	0.07	-3.41	-3.40	0.06	0.21	-0.09	-0.59	-0.23	-0.44	0.23
		2046	6.26	-0.03	-4.08	-4.04	-0.08	-0.41	0.73	0.06	0.14	0.65	0.22
		2045	6.86	-0.03	-4.61	-4.56	-0.07	-0.43	0.75	0.09	0.14	0.69	0.19
1772	4	2026	16.09	0.09	-10.43	-10.26	-0.08	1.33	0.83	-0.75	-0.22	0.30	0.75
		2027	16.36	0.30	-9.14	-8.78	-0.06	1.80	0.95	-0.91	-0.18	0.21	0.91
		2046	27.59	-0.35	-9.34	-9.34	-0.35	0.17	4.44	1.07	1.20	4.31	0.65
		2045	30.25	-0.35	-10.71	-10.71	-0.35	0.07	4.82	1.20	1.29	4.73	0.57
1773	1	2027	9.77	0.28	-3.79	-3.70	0.18	-0.61	-0.55	-1.54	-0.58	-1.51	0.17
		2028	8.17	0.35	-2.99	-2.97	0.33	-0.23	-0.42	-1.28	-0.47	-1.23	0.20
		2047	6.51	0.27	-4.30	-4.02	-9.77e-03	-1.11	0.10	-0.50	-0.13	-0.26	0.29
		2046	6.87	0.30	-5.08	-4.78	-8.50e-03	-1.24	0.04	-0.49	-0.17	-0.29	0.26
1773	2	2027	43.20	0.79	-22.87	-21.87	-0.21	4.75	2.70	-2.40	-0.41	0.71	2.48
		2028	44.64	1.74	-19.06	-17.20	-0.12	5.94	2.83	-2.91	-0.33	0.25	2.86
		2047	64.72	-0.81	-18.50	-18.45	-0.86	0.96	10.75	2.55	2.97	10.32	1.81
		2046	75.23	-0.91	-22.71	-22.69	-0.93	0.69	12.41	3.06	3.39	12.09	1.70
1773	3	2027	4.98	0.07	-3.41	-3.40	0.06	0.21	-0.08	-0.59	-0.23	-0.44	0.23
		2028	4.88	0.20	-2.77	-2.70	0.13	0.46	4.88e-03	-0.57	-0.18	-0.38	0.27
		2047	5.39	-0.04	-3.38	-3.34	-0.07	-0.34	0.66	0.03	0.13	0.56	0.24
		2046	6.28	-0.03	-4.08	-4.04	-0.07	-0.41	0.73	0.06	0.14	0.65	0.22
1773	4	2027	16.45	0.29	-9.14	-8.78	-0.06	1.79	0.96	-0.92	-0.18	0.21	0.92
		2028	16.91	0.68	-7.60	-6.91	-6.51e-03	2.28	1.02	-1.10	-0.14	0.06	1.06
		2047	23.76	-0.31	-7.63	-7.62	-0.33	0.27	3.86	0.89	1.05	3.69	0.69
		2046	27.61	-0.34	-9.35	-9.34	-0.35	0.16	4.44	1.06	1.19	4.32	0.64
1774	1	2028	8.21	0.35	-2.98	-2.97	0.33	-0.23	-0.42	-1.29	-0.47	-1.24	0.20
		2029	6.20	0.61	-2.08	-2.04	0.57	0.32	-0.28	-0.99	-0.37	-0.91	0.23
		2048	5.95	0.23	-3.20	-3.00	0.03	-0.80	0.16	-0.53	-0.10	-0.27	0.33



1774	2	2047	6.39	0.27	-4.30	-4.02	-5.89e-03	-1.10	0.09	-0.50	-0.15	-0.26	0.29
		2028	44.61	1.75	-19.00	-17.14	-0.11	5.92	2.82	-2.93	-0.33	0.22	2.86
		2029	47.29	3.54	-15.03	-11.67	0.18	7.15	2.83	-3.54	-0.37	-0.34	3.18
1774	3	2048	51.03	-0.53	-13.47	-13.33	-0.67	1.34	8.48	1.85	2.42	7.91	1.86
		2047	64.99	-0.83	-18.54	-18.49	-0.88	0.96	10.76	2.50	2.92	10.34	1.81
		2028	4.86	0.20	-2.76	-2.69	0.12	0.45	6.59e-03	-0.57	-0.18	-0.38	0.27
1774	4	2029	5.09	0.52	-2.11	-1.85	0.26	0.78	0.09	-0.54	-0.15	-0.30	0.30
		2048	4.26	-0.03	-2.47	-2.46	-0.05	-0.19	0.55	-0.03	0.11	0.40	0.25
		2047	5.45	-0.04	-3.38	-3.35	-0.07	-0.33	0.66	0.02	0.12	0.56	0.23
1775	1	2028	16.88	0.68	-7.58	-6.89	-4.51e-03	2.28	1.02	-1.11	-0.14	0.05	1.06
		2029	17.90	1.43	-5.99	-4.70	0.14	2.81	1.03	-1.32	-0.15	-0.14	1.18
		2048	18.71	-0.21	-5.56	-5.52	-0.25	0.45	3.05	0.64	0.86	2.83	0.70
1775	2	2047	23.87	-0.32	-7.64	-7.63	-0.33	0.28	3.86	0.86	1.03	3.70	0.68
		2029	6.28	0.63	-2.01	-1.99	0.60	0.27	-0.30	-1.00	-0.38	-0.93	0.22
		2030	4.95	1.46	-1.57	-1.10	0.99	1.10	-0.04	-0.58	-0.20	-0.41	0.25
1775	3	2049	5.29	0.10	-1.67	-1.66	0.08	-0.17	0.25	-0.59	-0.03	-0.30	0.40
		2048	5.75	0.23	-3.21	-3.03	0.05	-0.76	0.11	-0.57	-0.19	-0.28	0.34
		2029	46.26	3.59	-14.61	-11.36	0.33	6.97	2.66	-3.59	-0.40	-0.53	3.12
1775	4	2030	51.53	6.69	-11.82	-6.29	1.16	8.47	3.00	-3.96	-0.48	-0.47	3.48
		2049	35.50	0.44	-7.98	-7.19	-0.35	2.46	5.54	0.68	1.71	4.50	1.99
		2048	52.42	-0.53	-13.67	-13.51	-0.69	1.43	8.54	1.59	2.14	7.99	1.88
1776	1	2029	4.93	0.52	-2.05	-1.81	0.27	0.75	0.07	-0.54	-0.15	-0.32	0.29
		2030	5.77	1.21	-1.69	-1.00	0.52	1.24	0.21	-0.46	-0.10	-0.15	0.33
		2049	3.48	0.01	-1.36	-1.34	-3.89e-03	0.16	0.41	-0.14	0.11	0.17	0.28
1776	2	2048	4.57	-0.02	-2.50	-2.49	-0.03	-0.16	0.53	-0.08	0.05	0.40	0.25
		2029	17.47	1.44	-5.83	-4.58	0.19	2.74	0.97	-1.33	-0.15	-0.21	1.15
		2030	19.62	2.77	-4.74	-2.54	0.57	3.42	1.12	-1.46	-0.18	-0.17	1.29
1776	3	2049	13.06	0.15	-3.26	-2.98	-0.13	0.94	2.00	0.21	0.62	1.59	0.75
		2048	19.28	-0.21	-5.64	-5.59	-0.25	0.49	3.07	0.53	0.74	2.85	0.71
		2030	5.23	1.66	-1.36	-0.78	1.08	1.19	-0.20	-0.63	-0.44	-0.39	0.21
1776	4	184	7.52	2.57	-1.91	-0.84	1.50	1.91	1.23	0.68	1.21	0.69	0.09
		302	5.38	1.68	-0.87	0.62	0.19	1.26	0.36	-0.31	0.28	-0.23	0.22
		2049	6.61	0.12	-1.93	-1.91	0.09	-0.22	0.11	-0.98	-0.40	-0.46	0.55
1776	1	2030	53.36	7.51	-11.19	-5.04	1.36	8.79	2.48	-4.61	-1.48	-0.65	3.52
		184	53.56	9.26	-9.64	-2.97	2.60	9.03	6.38	-0.60	3.87	1.92	3.35
		302	25.94	6.37	-5.58	0.88	-0.10	5.96	1.81	-1.27	0.99	-0.45	1.36
1776	2	2049	39.93	0.27	-8.60	-8.05	-0.28	2.14	5.41	-0.66	0.58	4.17	2.45
		2030	5.88	1.36	-1.56	-0.77	0.58	1.30	0.12	-0.51	-0.24	-0.15	0.31
		184	6.58	1.95	-1.69	-0.63	0.89	1.65	0.86	0.26	0.70	0.41	0.26
1776	3	302	4.09	1.31	-0.79	0.40	0.12	1.04	0.27	-0.21	0.19	-0.13	0.17
		2049	4.81	0.02	-1.53	-1.52	9.64e-03	0.13	0.35	-0.41	-0.14	0.08	0.36
		2030	20.21	3.11	-4.48	-2.03	0.66	3.55	0.92	-1.69	-0.55	-0.22	1.29
1776	4	184	20.50	3.94	-3.99	-1.26	1.22	3.76	2.41	-0.15	1.49	0.77	1.23
		302	10.18	2.70	-2.18	0.48	0.04	2.43	0.69	-0.49	0.40	-0.20	0.51
		2049	14.95	0.10	-3.54	-3.34	-0.10	0.83	1.93	-0.33	0.15	1.45	0.93
1777	1	192	8.41	5.02	-2.39	4.40	-1.77	2.05	0.20	-0.64	0.08	-0.51	-0.30
		2031	10.88	2.34	-1.07	0.62	0.65	1.70	-0.47	-1.60	-0.69	-1.38	-0.45
		2050	10.11	4.72	-0.80	3.91	0.01	1.96	0.63	-0.59	0.12	-0.08	-0.60
1777	2	280	13.69	3.36	-1.87	1.23	0.26	2.57	1.07	-0.69	0.02	0.36	-0.86
		192	39.17	27.63	-6.29	26.60	-5.26	5.82	0.70	-1.27	0.66	-1.23	-0.27
		2031	28.17	14.15	-1.56	12.55	0.04	4.76	1.34	-1.41	-0.76	0.69	-1.16
1777	3	2050	20.18	6.77	-11.97	-2.63	-2.57	9.37	0.63	-0.48	-0.39	0.54	-0.30
		280	20.23	9.30	-12.09	-3.55	0.76	10.48	1.19	-0.24	-0.23	1.17	-0.13
		192	8.29	5.32	-1.75	4.97	-1.40	1.53	0.16	-0.37	0.14	-0.35	-0.11
1777	4	2031	5.82	2.58	-0.43	1.87	0.28	1.28	-0.21	-0.65	-0.38	-0.48	-0.22
		2050	5.90	2.36	-1.76	0.87	-0.27	1.98	0.20	-0.26	-0.03	-0.03	-0.23
		280	7.23	2.29	-2.36	-0.13	0.06	2.32	0.51	-0.13	0.07	0.31	-0.29
1778	1	192	17.46	12.03	-2.92	11.55	-2.44	2.65	0.33	-0.57	0.31	-0.56	-0.10
		2031	11.58	6.19	-0.68	5.40	0.10	2.18	0.37	-0.64	-0.40	0.13	-0.43
		2050	8.90	3.13	-5.23	-1.07	-1.03	4.18	0.21	-0.23	-0.18	0.16	-0.14
1778	2	280	9.24	4.08	-5.41	-1.55	0.21	4.66	0.56	-0.01	-4.11e-03	0.55	-0.07
		2031	9.56	2.44	-1.04	1.15	0.26	1.68	-0.14	-1.33	-0.31	-1.17	-0.41
		2032	10.27	1.79	-1.96	-0.34	0.18	1.86	-0.41	-1.54	-0.52	-1.43	-0.34
1778	3	188	9.15	5.09	-0.79	4.06	0.24	2.24	0.26	-0.62	-0.07	-0.29	-0.42
		2050	9.56	4.47	-0.83	3.50	0.15	2.05	0.55	-0.55	0.10	-0.10	-0.54
		2031	26.25	15.39	-2.51	13.68	-0.80	5.26	2.27	-0.09	0.77	1.42	-1.13
1778	4	2032	34.55	10.61	-5.36	5.85	-0.61	7.30	3.85	0.02	0.67	3.20	-1.44
		188	25.66	7.30	-11.09	-3.28	-0.51	9.09	1.78	-0.34	0.08	1.36	-0.85
		2050	19.17	6.96	-12.15	-3.54	-1.65	9.51	0.55	-0.54	-0.50	0.51	-0.21
1778	1	2031	5.07	2.86	-0.63	2.21	0.03	1.36	0.08	-0.43	-0.03	-0.32	-0.21
		2032	5.35	2.06	-1.29	0.73	0.04	1.64	0.01	-0.44	-0.15	-0.28	-0.22
		188	5.84	2.50	-1.60	0.81	0.09	2.02	0.16	-0.27	-0.05	-0.07	-0.22
1778	2	2050	5.41	2.26	-1.78	0.60	-0.11	1.99	0.15	-0.22	-0.03	-0.04	-0.18
		2031	10.65	6.75	-1.12	5.92	-0.29	2.42	0.80	-0.07	0.29	0.45	-0.43
		2032	13.56	4.72	-2.34	2.57	-0.19	3.25	1.35	-0.06	0.20	1.10	-0.54
1778	3	188	10.82	3.35	-4.84	-1.36	-0.13	4.05	0.61	-0.19	-3.66e-03	0.42	-0.34
		2050	8.28	3.15	-5.29	-1.48	-0.65	4.20	0.16	-0.23	-0.21	0.14	-0.09



1779	1	2032	9.66	1.53	-1.74	-0.32	0.11	1.63	-0.31	-1.46	-0.41	-1.35	-0.33
		2033	10.19	1.06	-2.69	-1.59	-0.03	1.70	-0.38	-1.53	-0.48	-1.43	-0.33
		292	9.05	5.00	-0.78	4.11	0.11	2.08	0.05	-0.85	-0.19	-0.61	-0.40
		188	9.32	4.96	-0.80	3.97	0.19	2.17	0.22	-0.70	-0.12	-0.36	-0.44
1779	2	2032	33.26	9.60	-4.75	5.62	-0.77	6.42	4.06	0.37	1.08	3.36	-1.45
		2033	39.94	6.05	-8.18	-1.54	-0.58	7.10	5.58	0.68	1.35	4.91	-1.69
		292	28.19	8.03	-8.66	-0.41	-0.22	8.35	2.54	-0.18	0.40	1.97	-1.11
		188	24.86	7.54	-10.78	-2.73	-0.51	9.09	1.57	-0.47	-0.10	1.21	-0.78
1779	3	2032	4.93	1.87	-1.15	0.72	-6.41e-03	1.47	0.09	-0.38	-0.06	-0.23	-0.21
		2033	5.27	1.27	-1.86	-0.56	-0.04	1.55	0.12	-0.36	-0.08	-0.16	-0.24
		292	5.82	2.53	-1.33	1.12	0.07	1.86	0.12	-0.36	-0.07	-0.16	-0.24
		188	5.76	2.45	-1.55	0.84	0.07	1.96	0.12	-0.31	-0.09	-0.11	-0.22
1779	4	2032	12.97	4.31	-2.09	2.48	-0.27	2.89	1.45	0.10	0.38	1.17	-0.55
		2033	15.29	2.78	-3.52	-0.54	-0.20	3.15	1.99	0.19	0.46	1.72	-0.64
		292	11.55	3.60	-3.84	-0.21	-0.03	3.71	0.86	-0.16	0.10	0.60	-0.45
		188	10.43	3.40	-4.69	-1.15	-0.14	4.01	0.52	-0.25	-0.08	0.36	-0.32
1780	1	2033	9.98	0.89	-2.52	-1.58	-0.05	1.52	-0.35	-1.52	-0.45	-1.42	-0.32
		2034	10.42	0.59	-3.36	-2.64	-0.13	1.53	-0.39	-1.56	-0.48	-1.47	-0.32
		299	8.57	4.87	-0.64	4.18	0.05	1.83	-0.04	-0.94	-0.22	-0.76	-0.36
		292	9.02	4.92	-0.73	4.08	0.10	2.01	0.04	-0.87	-0.21	-0.62	-0.40
1780	2	2033	39.24	5.20	-7.56	-1.65	-0.71	6.36	5.65	0.79	1.49	4.95	-1.70
		2034	45.38	3.07	-11.93	-8.13	-0.73	6.52	7.05	1.24	1.87	6.43	-1.80
		299	30.22	8.84	-6.52	2.54	-0.21	7.56	3.28	0.13	0.73	2.68	-1.24
		292	27.88	8.19	-8.55	-0.19	-0.16	8.37	2.46	-0.23	0.31	1.93	-1.08
1780	3	2033	5.03	1.12	-1.74	-0.56	-0.06	1.41	0.14	-0.35	-0.05	-0.15	-0.24
		2034	5.30	0.74	-2.48	-1.66	-0.09	1.40	0.18	-0.32	-0.05	-0.09	-0.25
		299	5.55	2.55	-1.05	1.45	0.05	1.66	0.12	-0.36	-0.06	-0.18	-0.24
		292	5.74	2.48	-1.27	1.14	0.07	1.80	0.11	-0.37	-0.09	-0.17	-0.23
1780	4	2033	14.96	2.43	-3.27	-0.58	-0.25	2.84	2.02	0.24	0.52	1.74	-0.65
		2034	17.04	1.48	-5.03	-3.29	-0.26	2.89	2.51	0.39	0.65	2.25	-0.69
		299	12.01	3.86	-2.92	0.96	-0.03	3.35	1.12	-0.05	0.22	0.84	-0.50
		292	11.37	3.62	-3.75	-0.13	-4.93e-03	3.68	0.83	-0.18	0.07	0.59	-0.43
1781	1	2034	10.29	0.46	-3.23	-2.63	-0.14	1.36	-0.37	-1.56	-0.46	-1.47	-0.32
		2035	10.42	0.26	-3.93	-3.48	-0.19	1.30	-0.39	-1.55	-0.47	-1.47	-0.30
		300	7.87	4.76	-0.47	4.26	0.03	1.53	-0.10	-0.95	-0.22	-0.82	-0.30
		299	8.45	4.81	-0.59	4.17	0.05	1.75	-0.05	-0.94	-0.23	-0.76	-0.35
1781	2	2034	44.86	2.43	-11.39	-8.17	-0.79	5.85	7.09	1.27	1.92	6.44	-1.82
		2035	50.58	1.34	-16.15	-13.93	-0.88	5.83	8.37	1.79	2.32	7.84	-1.78
		300	31.77	9.65	-4.77	5.12	-0.24	6.69	3.96	0.54	1.08	3.42	-1.25
		299	30.08	8.94	-6.52	2.60	-0.18	7.61	3.25	0.12	0.70	2.67	-1.21
1781	3	2034	5.13	0.63	-2.38	-1.66	-0.10	1.28	0.19	-0.31	-0.04	-0.09	-0.25
		2035	5.28	0.39	-3.10	-2.58	-0.12	1.23	0.23	-0.26	-0.02	-0.02	-0.24
		300	5.07	2.56	-0.78	1.74	0.04	1.44	0.13	-0.33	-0.04	-0.16	-0.22
		299	5.44	2.50	-0.99	1.45	0.05	1.60	0.12	-0.36	-0.07	-0.18	-0.23
1781	4	2034	16.80	1.22	-4.81	-3.30	-0.29	2.61	2.52	0.41	0.67	2.26	-0.70
		2035	18.70	0.71	-6.72	-5.68	-0.33	2.58	2.96	0.59	0.81	2.74	-0.68
		300	12.25	4.11	-2.16	2.00	-0.04	2.97	1.35	0.10	0.35	1.10	-0.50
		299	11.90	3.85	-2.88	0.99	-0.01	3.33	1.10	-0.06	0.21	0.84	-0.49
1782	1	2035	10.30	0.17	-3.83	-3.47	-0.20	1.15	-0.38	-1.55	-0.46	-1.46	-0.30
		2036	10.14	0.02	-4.41	-4.16	-0.23	1.03	-0.38	-1.48	-0.45	-1.42	-0.26
		915	7.09	4.67	-0.30	4.36	0.02	1.21	-0.13	-0.91	-0.22	-0.82	-0.25
		300	7.74	4.72	-0.42	4.27	0.03	1.45	-0.10	-0.94	-0.23	-0.82	-0.30
1782	2	2035	50.14	0.90	-15.75	-13.95	-0.91	5.17	8.39	1.80	2.34	7.85	-1.81
		2036	55.84	0.31	-20.25	-18.92	-1.01	5.04	9.54	2.33	2.72	9.15	-1.64
		915	32.95	10.41	-3.36	7.33	-0.28	5.74	4.56	0.97	1.40	4.13	-1.16
		300	31.66	9.72	-4.80	5.15	-0.23	6.74	3.94	0.54	1.07	3.42	-1.22
1782	3	2035	5.13	0.31	-3.02	-2.58	-0.13	1.12	0.23	-0.26	-0.01	-0.01	-0.25
		2036	5.19	0.16	-3.66	-3.36	-0.15	1.04	0.26	-0.19	8.87e-03	0.07	-0.22
		915	4.48	2.57	-0.53	2.00	0.03	1.20	0.13	-0.27	-0.02	-0.12	-0.19
		300	4.95	2.51	-0.72	1.75	0.04	1.37	0.12	-0.33	-0.04	-0.16	-0.22
1782	4	2035	18.50	0.52	-6.55	-5.69	-0.34	2.31	2.97	0.59	0.82	2.75	-0.69
		2036	20.21	0.24	-8.35	-7.73	-0.38	2.23	3.36	0.78	0.95	3.20	-0.63
		915	12.32	4.35	-1.52	2.88	-0.06	2.54	1.54	0.26	0.46	1.34	-0.46
		300	12.15	4.10	-2.13	2.01	-0.03	2.94	1.34	0.10	0.34	1.10	-0.49
1783	1	2036	10.04	-0.05	-4.34	-4.16	-0.24	0.87	-0.38	-1.48	-0.44	-1.41	-0.27
		2037	9.69	-0.15	-4.83	-4.72	-0.26	0.71	-0.37	-1.38	-0.42	-1.33	-0.22
		916	6.98	4.58	-0.15	4.42	0.01	0.87	-0.15	-0.85	-0.20	-0.80	-0.19
		915	6.99	4.63	-0.25	4.36	0.02	1.13	-0.13	-0.91	-0.22	-0.82	-0.24
1783	2	2036	56.06	-2.35e-03	-19.96	-18.94	-1.02	4.39	9.56	2.32	2.73	9.15	-1.67
		2037	63.69	-0.35	-23.87	-23.11	-1.11	4.17	10.59	2.82	3.08	10.32	-1.41
		916	33.87	11.07	-2.26	9.13	-0.31	4.71	5.06	1.39	1.68	4.77	-0.98
		915	32.84	10.47	-3.39	7.35	-0.27	5.79	4.54	0.99	1.39	4.13	-1.13
1783	3	2036	5.07	0.10	-3.60	-3.36	-0.15	0.92	0.27	-0.19	0.01	0.07	-0.23
		2037	5.09	6.29e-04	-4.16	-3.99	-0.17	0.82	0.29	-0.10	0.04	0.15	-0.19
		916	3.83	2.57	-0.33	2.21	0.03	0.95	0.13	-0.20	8.04e-03	-0.08	-0.16
		915	4.36	2.52	-0.48	2.00	0.04	1.14	0.13	-0.27	-0.02	-0.12	-0.19
1783	4	2036	20.15	0.11	-8.23	-7.74	-0.38	1.97	3.37	0.78	0.95	3.20	-0.64



		2037	22.99	-0.06	-9.80	-9.44	-0.42	1.84	3.72	0.96	1.07	3.60	-0.54
		916	12.31	4.55	-1.01	3.60	-0.07	2.09	1.71	0.43	0.56	1.57	-0.39
		915	12.22	4.34	-1.50	2.89	-0.05	2.52	1.54	0.27	0.46	1.34	-0.45
1784	1	2037	9.61	-0.20	-4.79	-4.72	-0.27	0.56	-0.36	-1.38	-0.42	-1.33	-0.22
		2038	9.17	-0.26	-5.20	-5.17	-0.28	0.37	-0.35	-1.26	-0.38	-1.22	-0.17
		917	6.85	4.49	-0.05	4.43	7.65e-03	0.51	-0.16	-0.78	-0.18	-0.76	-0.13
		916	6.98	4.55	-0.12	4.42	0.01	0.78	-0.15	-0.85	-0.20	-0.80	-0.18
1784	2	2037	63.87	-0.57	-23.67	-23.12	-1.12	3.52	10.60	2.81	3.08	10.32	-1.44
		2038	70.40	-0.80	-26.87	-26.47	-1.20	3.20	11.50	3.25	3.39	11.35	-1.10
		917	34.68	11.55	-1.44	10.45	-0.34	3.61	5.47	1.76	1.91	5.32	-0.73
		916	33.78	11.12	-2.29	9.14	-0.31	4.76	5.04	1.41	1.68	4.77	-0.95
1784	3	2037	4.98	-0.04	-4.12	-3.99	-0.17	0.70	0.30	-0.11	0.04	0.15	-0.19
		2038	5.01	-0.10	-4.58	-4.50	-0.18	0.58	0.33	-0.02	0.06	0.24	-0.15
		917	3.18	2.55	-0.16	2.36	0.03	0.69	0.12	-0.12	0.03	-0.03	-0.12
		916	3.71	2.53	-0.28	2.21	0.03	0.89	0.13	-0.20	7.66e-03	-0.08	-0.16
1784	4	2037	23.05	-0.15	-9.71	-9.44	-0.42	1.58	3.72	0.96	1.07	3.61	-0.55
		2038	25.47	-0.26	-11.00	-10.81	-0.45	1.42	4.03	1.12	1.18	3.97	-0.42
		917	12.29	4.69	-0.62	4.14	-0.08	1.61	1.84	0.58	0.65	1.77	-0.30
		916	12.22	4.54	-0.99	3.61	-0.07	2.07	1.70	0.43	0.56	1.57	-0.38
1785	1	2038	9.11	-0.28	-5.18	-5.17	-0.29	0.21	-0.35	-1.26	-0.38	-1.22	-0.17
		2039	8.68	-0.30	-5.53	-5.53	-0.30	3.09e-03	-0.33	-1.12	-0.34	-1.10	-0.11
		918	6.64	4.39	7.40e-04	4.38	4.83e-03	0.13	-0.15	-0.71	-0.16	-0.70	-0.07
		917	6.86	4.47	-0.03	4.43	7.84e-03	0.42	-0.16	-0.78	-0.18	-0.76	-0.13
1785	2	2038	70.53	-0.94	-26.73	-26.47	-1.20	2.56	11.51	3.24	3.40	11.35	-1.12
		2039	75.92	-1.09	-29.16	-28.99	-1.26	2.17	12.28	3.60	3.66	12.22	-0.73
		918	35.49	11.76	-0.86	11.26	-0.36	2.46	5.83	2.04	2.09	5.78	-0.44
		917	34.61	11.59	-1.46	10.46	-0.34	3.66	5.46	1.77	1.91	5.32	-0.71
1785	3	2038	4.93	-0.13	-4.55	-4.50	-0.18	0.47	0.33	-0.02	0.07	0.24	-0.15
		2039	5.46	-0.17	-4.91	-4.89	-0.19	0.33	0.36	0.05	0.09	0.33	-0.10
		918	2.68	2.51	-0.05	2.44	0.02	0.42	0.10	-0.04	0.05	9.35e-03	-0.07
		917	3.08	2.52	-0.13	2.36	0.03	0.63	0.12	-0.12	0.03	-0.03	-0.11
1785	4	2038	25.52	-0.32	-10.94	-10.81	-0.45	1.16	4.03	1.12	1.18	3.97	-0.43
		2039	27.52	-0.39	-11.92	-11.84	-0.48	0.97	4.30	1.25	1.28	4.27	-0.28
		918	12.35	4.73	-0.34	4.48	-0.08	1.11	1.96	0.69	0.72	1.93	-0.18
		917	12.23	4.68	-0.61	4.15	-0.08	1.59	1.84	0.58	0.65	1.77	-0.29
1786	1	2039	8.65	-0.29	-5.54	-5.53	-0.30	-0.15	-0.32	-1.12	-0.34	-1.10	-0.12
		2040	8.30	-0.28	-5.83	-5.80	-0.30	-0.37	-0.30	-0.98	-0.30	-0.98	-0.06
		919	6.34	4.27	-9.63e-03	4.26	4.34e-03	-0.24	-0.14	-0.65	-0.14	-0.65	-0.01
		918	6.64	4.38	4.41e-03	4.38	4.92e-03	0.05	-0.16	-0.71	-0.16	-0.70	-0.07
1786	2	2039	76.01	-1.18	-29.08	-29.00	-1.26	1.53	12.29	3.59	3.66	12.22	-0.76
		2040	80.21	-1.27	-30.72	-30.68	-1.31	1.09	12.93	3.86	3.87	12.92	-0.33
		919	36.36	11.65	-0.50	11.52	-0.37	1.27	6.12	2.22	2.22	6.12	-0.11
		918	35.45	11.79	-0.87	11.27	-0.36	2.51	5.82	2.05	2.09	5.78	-0.41
1786	3	2039	5.49	-0.18	-4.90	-4.89	-0.19	0.22	0.37	0.05	0.09	0.33	-0.10
		2040	5.93	-0.19	-5.16	-5.16	-0.19	0.07	0.42	0.11	0.12	0.41	-0.05
		919	2.67	2.45	0.01	2.44	0.02	0.15	0.08	0.03	0.06	0.05	-0.02
		918	2.69	2.49	-0.03	2.44	0.02	0.36	0.10	-0.04	0.05	9.51e-03	-0.07
1786	4	2039	27.56	-0.43	-11.88	-11.84	-0.48	0.71	4.30	1.25	1.28	4.27	-0.29
		2040	29.11	-0.47	-12.55	-12.53	-0.49	0.51	4.53	1.35	1.35	4.52	-0.13
		919	12.51	4.67	-0.16	4.59	-0.09	0.60	2.06	0.76	0.76	2.05	-0.05
		918	12.31	4.72	-0.33	4.48	-0.08	1.09	1.95	0.69	0.72	1.93	-0.17
1787	1	2040	8.30	-0.25	-5.85	-5.80	-0.30	-0.52	-0.30	-0.98	-0.30	-0.98	-0.06
		2041	8.06	-0.20	-6.07	-5.97	-0.30	-0.74	-0.26	-0.85	-0.26	-0.85	1.59e-03
		920	5.96	4.15	-0.09	4.05	6.05e-03	-0.62	-0.12	-0.60	-0.13	-0.59	0.05
		919	6.35	4.28	-0.02	4.26	4.34e-03	-0.33	-0.14	-0.65	-0.14	-0.65	-7.26e-03
1787	2	2040	80.25	-1.30	-30.68	-30.68	-1.31	0.44	12.93	3.86	3.87	12.92	-0.36
		2041	83.16	-1.33	-31.51	-31.51	-1.33	-0.03	13.43	4.02	4.02	13.43	0.09
		920	37.23	11.18	-0.37	11.18	-0.37	0.05	6.34	2.27	2.29	6.33	0.22
		919	36.35	11.67	-0.51	11.52	-0.37	1.32	6.12	2.22	2.22	6.12	-0.09
1787	3	2040	5.95	-0.19	-5.16	-5.16	-0.19	-0.04	0.42	0.11	0.12	0.41	-0.05
		2041	6.28	-0.19	-5.31	-5.31	-0.20	-0.19	0.48	0.14	0.14	0.48	3.01e-03
		920	2.58	2.37	0.02	2.36	0.02	-0.13	0.11	0.05	0.07	0.08	0.03
		919	2.67	2.44	0.02	2.44	0.02	0.08	0.08	0.04	0.06	0.05	-0.02
1787	4	2040	29.13	-0.49	-12.53	-12.53	-0.49	0.25	4.53	1.35	1.35	4.53	-0.14
		2041	30.22	-0.50	-12.87	-12.87	-0.50	0.02	4.71	1.41	1.41	4.71	0.03
		920	12.79	4.47	-0.09	4.47	-0.09	0.07	2.14	0.78	0.79	2.13	0.08
		919	12.50	4.66	-0.16	4.59	-0.09	0.57	2.05	0.76	0.76	2.05	-0.04
1788	1	2041	8.10	-0.16	-6.11	-5.97	-0.30	-0.89	-0.26	-0.85	-0.26	-0.85	-2.92e-03
		2042	8.00	-0.08	-6.24	-6.04	-0.29	-1.10	-0.22	-0.73	-0.23	-0.73	0.06
		921	5.52	4.02	-0.24	3.77	9.84e-03	-1.00	-0.09	-0.56	-0.11	-0.54	0.11
		920	5.98	4.17	-0.12	4.05	5.96e-03	-0.71	-0.12	-0.60	-0.13	-0.59	0.05
1788	2	2041	83.17	-1.32	-31.53	-31.51	-1.33	-0.68	13.43	4.02	4.02	13.43	0.06
		2042	84.66	-1.29	-31.54	-31.50	-1.34	-1.18	13.75	4.09	4.11	13.72	0.50
		921	37.99	10.36	-0.50	10.22	-0.37	-1.19	6.48	2.22	2.29	6.41	0.53
		920	37.25	11.18	-0.37	11.18	-0.37	0.09	6.35	2.27	2.29	6.33	0.24
1788	3	2041	6.29	-0.18	-5.32	-5.31	-0.20	-0.30	0.48	0.14	0.14	0.48	-2.58e-04
		2042	6.50	-0.15	-5.37	-5.33	-0.19	-0.45	0.56	0.15	0.16	0.55	0.06



		921	2.58	2.27	-0.05	2.20	0.02	-0.40	0.17	0.02	0.08	0.11	0.08
		920	2.58	2.38	6.41e-03	2.36	0.02	-0.19	0.11	0.05	0.07	0.08	0.03
1788	4	2041	30.23	-0.50	-12.88	-12.87	-0.50	-0.24	4.71	1.41	1.41	4.71	0.02
		2042	30.80	-0.49	-12.89	-12.88	-0.51	-0.47	4.84	1.44	1.45	4.83	0.19
		921	13.11	4.16	-0.14	4.11	-0.09	-0.46	2.20	0.76	0.79	2.17	0.20
		920	12.80	4.47	-0.09	4.47	-0.09	0.05	2.14	0.78	0.79	2.13	0.09
1789	1	2042	8.07	-0.03	-6.30	-6.04	-0.29	-1.25	-0.22	-0.73	-0.23	-0.73	0.06
		2043	8.07	0.08	-6.32	-5.98	-0.27	-1.45	-0.16	-0.64	-0.19	-0.61	0.12
		922	5.41	3.89	-0.47	3.41	0.02	-1.37	-0.04	-0.55	-0.10	-0.49	0.16
		921	5.54	4.06	-0.28	3.77	9.64e-03	-1.09	-0.08	-0.57	-0.11	-0.54	0.11
1789	2	2042	84.64	-1.23	-31.61	-31.50	-1.34	-1.83	13.75	4.09	4.11	13.73	0.47
		2043	84.52	-1.14	-30.81	-30.63	-1.33	-2.33	13.85	4.05	4.13	13.77	0.88
		922	38.39	9.24	-0.97	8.63	-0.36	-2.43	6.49	2.07	2.22	6.34	0.80
		921	38.03	10.34	-0.49	10.22	-0.37	-1.14	6.49	2.21	2.29	6.42	0.56
1789	3	2042	6.51	-0.13	-5.39	-5.33	-0.19	-0.56	0.55	0.15	0.16	0.55	0.05
		2043	6.58	-0.09	-5.33	-5.23	-0.19	-0.70	0.62	0.15	0.17	0.60	0.11
		922	3.10	2.17	-0.19	1.95	0.03	-0.68	0.22	-0.02	0.08	0.12	0.12
		921	2.66	2.29	-0.07	2.20	0.02	-0.47	0.17	0.01	0.08	0.11	0.08
1789	4	2042	30.79	-0.46	-12.92	-12.87	-0.50	-0.73	4.84	1.44	1.45	4.83	0.17
		2043	30.79	-0.42	-12.61	-12.53	-0.50	-0.96	4.89	1.42	1.45	4.86	0.33
		922	13.39	3.75	-0.34	3.50	-0.08	-0.99	2.21	0.70	0.77	2.15	0.31
		921	13.15	4.16	-0.14	4.11	-0.09	-0.48	2.20	0.76	0.79	2.17	0.21
1790	1	2043	8.17	0.15	-6.40	-5.98	-0.27	-1.60	-0.16	-0.64	-0.19	-0.61	0.11
		2044	8.24	0.27	-6.30	-5.78	-0.25	-1.77	-0.09	-0.58	-0.16	-0.51	0.17
		923	6.09	3.78	-0.78	2.98	0.02	-1.73	0.01	-0.54	-0.09	-0.44	0.21
		922	5.55	3.95	-0.53	3.41	0.02	-1.46	-0.04	-0.55	-0.10	-0.49	0.16
1790	2	2043	84.47	-1.02	-30.92	-30.62	-1.32	-2.98	13.85	4.05	4.13	13.77	0.85
		2044	82.49	-0.86	-29.34	-28.91	-1.29	-3.48	13.68	3.90	4.05	13.52	1.22
		923	38.19	7.98	-1.94	6.37	-0.34	-3.65	6.34	1.84	2.07	6.10	1.00
		922	38.47	9.21	-0.95	8.62	-0.36	-2.38	6.50	2.06	2.22	6.34	0.83
1790	3	2043	6.59	-0.06	-5.36	-5.23	-0.19	-0.81	0.62	0.15	0.17	0.60	0.10
		2044	6.50	3.39e-03	-5.18	-4.99	-0.18	-0.95	0.68	0.14	0.18	0.63	0.15
		923	3.69	2.07	-0.41	1.62	0.03	-0.95	0.26	-0.06	0.07	0.13	0.16
		922	3.21	2.20	-0.23	1.95	0.03	-0.74	0.23	-0.02	0.08	0.12	0.12
1790	4	2043	30.77	-0.38	-12.66	-12.53	-0.50	-1.22	4.89	1.42	1.45	4.86	0.32
		2044	30.08	-0.30	-12.03	-11.85	-0.49	-1.45	4.85	1.37	1.43	4.79	0.46
		923	13.52	3.31	-0.76	2.63	-0.08	-1.52	2.17	0.61	0.71	2.07	0.39
		922	13.45	3.76	-0.35	3.50	-0.09	-1.02	2.22	0.70	0.77	2.15	0.32
1791	1	2044	8.37	0.36	-6.38	-5.78	-0.25	-1.93	-0.09	-0.57	-0.16	-0.51	0.17
		2045	8.43	0.51	-6.14	-5.41	-0.22	-2.07	-0.02	-0.53	-0.13	-0.41	0.22
		924	6.84	3.67	-1.15	2.49	0.03	-2.08	0.07	-0.53	-0.08	-0.38	0.26
		923	6.25	3.84	-0.84	2.98	0.02	-1.82	0.01	-0.54	-0.09	-0.44	0.22
1791	2	2044	82.42	-0.68	-29.50	-28.89	-1.29	-4.13	13.67	3.91	4.06	13.53	1.19
		2045	78.22	-0.42	-27.15	-26.33	-1.24	-4.59	13.16	3.64	3.87	12.92	1.49
		924	37.09	6.78	-3.62	3.47	-0.31	-4.84	5.98	1.55	1.85	5.67	1.12
		923	38.28	7.93	-1.91	6.36	-0.34	-3.60	6.35	1.83	2.08	6.10	1.03
1791	3	2044	6.51	0.05	-5.22	-4.99	-0.18	-1.06	0.68	0.14	0.18	0.63	0.15
		2045	6.48	0.13	-4.91	-4.62	-0.16	-1.18	0.71	0.12	0.19	0.64	0.19
		924	4.25	1.97	-0.72	1.22	0.04	-1.21	0.28	-0.09	0.06	0.13	0.19
		923	3.81	2.11	-0.46	1.62	0.03	-1.01	0.26	-0.06	0.07	0.13	0.16
1791	4	2044	30.06	-0.23	-12.10	-11.84	-0.48	-1.71	4.85	1.37	1.43	4.79	0.45
		2045	28.56	-0.12	-11.16	-10.81	-0.47	-1.93	4.69	1.28	1.37	4.59	0.56
		924	13.37	2.90	-1.46	1.51	-0.07	-2.03	2.06	0.50	0.63	1.92	0.44
		923	13.59	3.32	-0.78	2.63	-0.08	-1.54	2.18	0.60	0.71	2.07	0.40
1792	1	2045	8.58	0.61	-6.24	-5.42	-0.21	-2.22	-0.02	-0.53	-0.14	-0.41	0.21
		2046	8.56	0.78	-5.82	-4.86	-0.18	-2.33	0.05	-0.50	-0.11	-0.34	0.25
		925	7.56	3.59	-1.58	1.95	0.05	-2.40	0.12	-0.51	-0.08	-0.31	0.30
		924	7.01	3.75	-1.23	2.49	0.03	-2.16	0.07	-0.54	-0.08	-0.38	0.26
1792	2	2045	78.15	-0.17	-27.36	-26.31	-1.22	-5.24	13.16	3.64	3.88	12.92	1.46
		2046	71.29	0.21	-24.32	-22.93	-1.17	-5.66	12.20	3.24	3.56	11.88	1.66
		925	34.86	5.81	-6.16	-0.07	-0.28	-5.99	5.37	1.21	1.53	5.05	1.11
		924	37.20	6.72	-3.59	3.45	-0.32	-4.80	5.99	1.54	1.85	5.68	1.14
1792	3	2045	6.59	0.19	-4.97	-4.62	-0.16	-1.30	0.71	0.12	0.19	0.64	0.19
		2046	6.57	0.30	-4.53	-4.09	-0.14	-1.40	0.70	0.09	0.18	0.62	0.21
		925	4.73	1.90	-1.12	0.73	0.04	-1.47	0.29	-0.12	0.04	0.12	0.20
		924	4.39	2.03	-0.78	1.21	0.03	-1.28	0.29	-0.10	0.06	0.13	0.19
1792	4	2045	28.54	-0.01	-11.25	-10.81	-0.46	-2.19	4.69	1.28	1.37	4.59	0.56
		2046	26.06	0.16	-10.04	-9.44	-0.44	-2.39	4.37	1.14	1.27	4.24	0.63
		925	12.84	2.57	-2.49	0.14	-0.05	-2.53	1.86	0.37	0.52	1.71	0.44
		924	13.45	2.92	-1.49	1.50	-0.07	-2.06	2.06	0.49	0.63	1.92	0.45
1793	1	2046	8.73	0.90	-5.93	-4.86	-0.17	-2.49	0.05	-0.50	-0.12	-0.34	0.25
		2047	8.58	1.11	-5.32	-4.09	-0.12	-2.53	0.09	-0.50	-0.10	-0.30	0.28
		926	8.15	3.51	-2.06	1.38	0.07	-2.71	0.19	-0.46	-0.06	-0.21	0.32
		925	7.73	3.66	-1.67	1.95	0.05	-2.49	0.13	-0.52	-0.07	-0.32	0.30
1793	2	2046	71.21	0.58	-24.59	-22.89	-1.12	-6.31	12.19	3.25	3.56	11.88	1.64
		2047	62.13	1.00	-20.93	-18.74	-1.19	-6.57	10.68	2.69	3.08	10.28	1.73
		926	31.37	5.09	-9.55	-4.10	-0.35	-7.08	4.49	0.88	1.14	4.23	0.94



		925	35.05	5.73	-6.18	-0.14	-0.31	-5.95	5.39	1.20	1.53	5.06	1.13
1793	3	2046	6.69	0.38	-4.60	-4.08	-0.14	-1.52	0.70	0.09	0.18	0.62	0.21
		2047	6.43	0.52	-4.04	-3.39	-0.13	-1.59	0.65	0.05	0.16	0.54	0.22
		926	5.06	1.83	-1.59	0.20	0.05	-1.71	0.27	-0.13	0.02	0.12	0.20
		925	4.87	1.95	-1.18	0.73	0.04	-1.53	0.29	-0.12	0.04	0.12	0.20
1793	4	2046	26.04	0.31	-10.15	-9.43	-0.42	-2.65	4.36	1.14	1.27	4.24	0.62
		2047	22.91	0.50	-8.67	-7.73	-0.44	-2.79	3.84	0.95	1.10	3.68	0.65
		926	11.87	2.32	-3.83	-1.43	-0.08	-3.00	1.56	0.26	0.38	1.44	0.38
		925	12.96	2.58	-2.54	0.11	-0.07	-2.56	1.86	0.37	0.52	1.71	0.45
1794	1	2047	8.80	1.26	-5.46	-4.09	-0.11	-2.71	0.08	-0.50	-0.11	-0.31	0.27
		2048	8.55	1.46	-4.59	-3.05	-0.08	-2.63	0.09	-0.55	-0.11	-0.35	0.30
		927	8.58	3.43	-2.56	0.85	0.03	-2.97	0.30	-0.35	-7.50e-03	-0.04	0.33
		926	8.27	3.59	-2.14	1.37	0.07	-2.79	0.19	-0.46	-0.06	-0.20	0.32
1794	2	2047	62.41	1.55	-21.24	-18.62	-1.07	-7.27	10.65	2.69	3.07	10.27	1.70
		2048	51.91	1.55	-16.73	-13.65	-1.52	-6.84	8.42	1.92	2.39	7.95	1.69
		927	26.92	4.47	-13.40	-7.89	-1.05	-8.25	3.32	0.56	0.69	3.19	0.59
		926	31.73	4.95	-9.77	-4.42	-0.40	-7.08	4.55	0.88	1.15	4.28	0.96
1794	3	2047	6.56	0.63	-4.12	-3.38	-0.11	-1.72	0.64	0.05	0.15	0.54	0.22
		2048	5.99	0.74	-3.38	-2.50	-0.14	-1.68	0.51	-0.02	0.11	0.38	0.23
		927	5.21	1.78	-2.12	-0.32	-0.03	-1.94	0.26	-0.11	0.02	0.13	0.17
		926	5.18	1.88	-1.67	0.17	0.04	-1.78	0.28	-0.13	0.02	0.13	0.20
1794	4	2047	23.04	0.73	-8.81	-7.69	-0.39	-3.07	3.83	0.94	1.09	3.67	0.64
		2048	19.33	0.77	-6.98	-5.64	-0.56	-2.93	3.03	0.67	0.85	2.84	0.64
		927	10.56	2.11	-5.36	-2.91	-0.35	-3.51	1.16	0.16	0.22	1.09	0.25
		926	12.05	2.31	-3.96	-1.55	-0.10	-3.05	1.58	0.26	0.38	1.45	0.39
1795	1	2048	8.98	1.67	-4.76	-3.06	-0.03	-2.84	0.07	-0.59	-0.14	-0.39	0.30
		2049	8.58	1.68	-3.45	-1.70	-0.07	-2.43	0.11	-0.68	-0.14	-0.43	0.37
		928	9.18	3.22	-2.97	0.50	-0.25	-3.07	0.46	-0.28	0.11	0.07	0.37
		927	8.52	3.51	-2.64	0.82	0.04	-3.05	0.31	-0.31	7.52e-03	-4.15e-03	0.31
1795	2	2048	52.40	2.31	-17.07	-13.35	-1.40	-7.63	8.36	1.89	2.37	7.88	1.71
		2049	35.96	1.25	-10.52	-7.35	-1.92	-5.23	5.18	0.67	1.34	4.50	1.61
		928	20.85	4.08	-15.58	-8.80	-2.71	-9.35	1.67	0.11	0.11	1.67	0.02
		927	27.27	4.15	-14.04	-8.69	-1.19	-8.29	3.41	0.59	0.71	3.30	0.56
1795	3	2048	6.19	0.89	-3.48	-2.48	-0.10	-1.83	0.49	-0.04	0.10	0.36	0.23
		2049	5.27	0.84	-2.39	-1.37	-0.18	-1.50	0.32	-0.16	0.04	0.12	0.24
		928	5.18	1.70	-2.52	-0.53	-0.29	-2.11	0.21	-0.08	0.03	0.11	0.14
		927	5.26	1.81	-2.23	-0.39	-0.03	-2.01	0.27	-0.09	0.02	0.16	0.16
1795	4	2048	19.54	1.09	-7.13	-5.53	-0.51	-3.25	3.00	0.65	0.84	2.81	0.64
		2049	13.65	0.71	-4.49	-3.05	-0.73	-2.33	1.85	0.21	0.48	1.58	0.61
		928	8.33	1.97	-6.28	-3.28	-1.02	-3.97	0.58	0.03	0.03	0.58	0.04
		927	10.73	2.03	-5.64	-3.21	-0.40	-3.56	1.20	0.17	0.23	1.14	0.24
1796	1	2049	9.81	1.85	-3.63	-1.97	0.20	-2.52	0.12	-0.84	-0.20	-0.52	0.45
		302	6.26	2.07	-2.40	0.85	-1.17	-1.99	0.04	-0.49	-0.14	-0.31	0.25
		171	11.72	3.32	-3.41	0.23	-0.31	-3.35	0.49	-0.65	-0.21	0.05	0.55
		928	9.01	3.22	-2.95	0.65	-0.38	-3.04	0.47	-0.25	0.16	0.06	0.36
1796	2	2049	39.51	1.89	-10.91	-7.80	-1.22	-5.49	5.54	0.45	1.52	4.47	2.07
		302	13.39	3.38	-4.94	2.06	-3.61	-3.04	0.04	-1.27	-0.62	-0.61	0.66
		171	27.84	7.88	-13.35	-4.66	-0.81	-10.44	-0.39	-2.32	-2.22	-0.49	-0.42
		928	20.03	3.15	-15.45	-8.79	-3.51	-8.92	1.53	0.49	0.54	1.48	-0.21
1796	3	2049	5.92	0.96	-2.48	-1.53	4.61e-03	-1.54	0.34	-0.26	-1.40e-03	0.08	0.30
		302	3.56	1.21	-1.55	0.54	-0.88	-1.18	8.62e-03	-0.28	-0.08	-0.19	0.13
		171	6.07	2.11	-2.62	-0.30	-0.21	-2.36	0.13	-0.29	-0.19	0.03	0.18
		928	4.99	1.66	-2.53	-0.46	-0.41	-2.09	0.20	-0.04	0.07	0.09	0.12
1796	4	2049	14.97	0.97	-4.64	-3.26	-0.42	-2.42	1.97	0.09	0.51	1.55	0.78
		302	5.66	1.60	-2.30	0.90	-1.60	-1.49	3.12e-03	-0.51	-0.22	-0.28	0.25
		171	10.69	3.47	-5.57	-1.75	-0.35	-4.46	-0.12	-0.80	-0.79	-0.14	-0.11
		928	7.89	1.66	-6.25	-3.26	-1.34	-3.84	0.52	0.18	0.18	0.51	-0.05
1797	1	280	13.20	3.29	-1.49	1.56	0.24	2.30	0.64	-1.10	-0.16	-0.30	-0.87
		2050	10.13	4.13	-0.71	3.21	0.21	1.90	0.66	-0.68	0.19	-0.20	-0.64
		929	14.73	8.51	-1.62	8.42	-1.53	0.93	2.11	0.90	1.30	1.71	-0.57
		202	10.31	3.58	-1.65	1.41	0.52	-2.58	0.66	-0.62	-0.38	0.41	-0.50
1797	2	280	16.80	7.86	-10.05	-1.97	-0.22	8.91	-0.86	-1.02	-0.89	-0.99	-0.06
		2050	22.24	7.57	-11.81	-1.79	-2.45	9.69	1.12	-0.19	-0.06	0.99	-0.39
		929	32.41	0.92	-28.59	-26.40	-1.27	7.73	0.35	-0.74	-0.67	0.28	-0.27
		202	39.86	5.06	-28.75	-24.43	0.73	11.29	1.23	-0.70	-0.66	1.20	0.26
1797	3	280	6.70	2.18	-2.01	0.26	-0.08	2.09	0.12	-0.47	-0.11	-0.24	-0.29
		2050	6.06	2.25	-1.82	0.63	-0.20	1.99	0.27	-0.23	0.05	-2.58e-03	-0.25
		929	6.24	0.82	-2.03	-0.55	-0.66	1.42	0.76	0.23	0.41	0.58	-0.25
		202	5.73	0.33	-3.23	-3.12	0.22	0.63	0.34	-0.25	-0.21	0.31	-0.14
1797	4	280	7.79	3.55	-4.56	-0.79	-0.22	4.05	-0.31	-0.46	-0.33	-0.44	-0.05
		2050	9.68	3.37	-5.22	-0.85	-0.99	4.30	0.42	-0.10	-0.03	0.35	-0.18
		929	12.88	0.46	-11.91	-10.87	-0.58	3.44	0.22	-0.24	-0.18	0.16	-0.16
		202	17.25	2.03	-12.53	-10.77	0.28	4.74	0.55	-0.31	-0.30	0.54	0.09
1798	1	2050	8.36	4.40	-0.62	3.55	0.22	1.88	0.55	-0.42	0.19	-0.07	-0.46
		188	9.50	4.91	-0.94	3.90	0.07	2.21	0.22	-0.70	-0.15	-0.33	-0.45
		930	13.17	8.60	-0.21	8.14	0.25	1.96	1.07	-0.30	0.30	0.47	-0.68
		929	14.25	7.12	-0.84	6.97	-0.69	1.08	1.57	-0.02	0.36	1.19	-0.68



1798	2	2050	20.31	6.55	-13.07	-4.52	-2.00	9.73	0.84	-0.45	-0.40	0.79	-0.25
		188	24.96	7.60	-10.25	-2.24	-0.40	8.88	1.62	-0.48	-0.07	1.21	-0.83
		930	18.14	0.95	-14.75	-13.62	-0.18	4.05	0.10	-1.43	-0.82	-0.51	-0.75
		929	29.81	2.48	-23.32	-21.52	0.68	6.57	0.22	-1.37	-1.19	0.05	-0.50
1798	3	2050	5.11	2.18	-1.79	0.53	-0.13	1.96	0.18	-0.15	0.01	0.02	-0.16
		188	5.92	2.45	-1.60	0.84	0.02	1.98	0.13	-0.32	-0.10	-0.10	-0.23
		930	5.72	1.84	-0.97	0.74	0.13	1.37	0.31	-0.32	-5.08e-03	-1.38e-03	-0.32
		929	5.84	0.94	-1.74	-0.65	-0.15	1.32	0.53	-0.19	-0.03	0.36	-0.30
1798	4	2050	8.69	2.99	-5.64	-1.86	-0.79	4.28	0.29	-0.18	-0.16	0.27	-0.10
		188	10.56	3.43	-4.53	-0.98	-0.12	3.96	0.54	-0.26	-0.07	0.36	-0.34
		930	8.46	0.63	-6.34	-5.71	2.46e-03	1.99	0.02	-0.65	-0.33	-0.29	-0.34
		929	12.43	1.11	-9.94	-9.09	0.26	2.94	0.12	-0.59	-0.48	0.02	-0.25
1799	1	188	9.01	4.95	-0.77	4.06	0.12	2.07	0.25	-0.66	-0.08	-0.34	-0.44
		292	9.21	4.90	-0.90	3.99	0.01	2.12	0.04	-0.87	-0.22	-0.60	-0.41
		931	11.90	9.34	-0.05	9.05	0.24	1.63	0.54	-0.55	0.06	-0.06	-0.54
		930	12.84	8.06	-0.30	7.69	0.07	1.73	0.97	-0.37	0.16	0.43	-0.66
1799	2	188	25.54	7.19	-11.34	-3.33	-0.81	9.18	1.72	-0.39	3.37e-05	1.33	-0.81
		292	27.54	8.00	-8.28	-0.26	-0.02	8.14	2.46	-0.26	0.29	1.91	-1.09
		931	15.86	3.64	-2.88	0.84	-0.08	3.23	0.36	-1.53	-0.49	-0.68	-0.94
		930	16.14	1.39	-11.90	-11.04	0.53	3.27	0.03	-1.61	-0.98	-0.60	-0.80
1799	3	188	5.69	2.38	-1.58	0.80	-4.65e-03	1.94	0.14	-0.29	-0.06	-0.09	-0.22
		292	5.85	2.48	-1.35	1.09	0.04	1.84	0.11	-0.37	-0.10	-0.17	-0.24
		931	5.59	3.05	-0.33	2.59	0.13	1.16	0.14	-0.45	-0.07	-0.23	-0.28
		930	5.42	1.69	-0.75	0.82	0.13	1.17	0.26	-0.37	-0.08	-0.03	-0.31
1799	4	188	10.68	3.24	-4.91	-1.39	-0.28	4.04	0.58	-0.21	-0.03	0.41	-0.33
		292	11.32	3.56	-3.70	-0.17	0.03	3.63	0.83	-0.19	0.06	0.58	-0.44
		931	7.34	1.73	-1.54	0.16	0.03	1.63	0.09	-0.74	-0.23	-0.42	-0.40
		930	7.59	0.75	-5.21	-4.73	0.27	1.63	-0.02	-0.73	-0.42	-0.33	-0.36
1800	1	292	8.97	4.86	-0.74	4.06	0.05	1.95	0.06	-0.87	-0.19	-0.62	-0.41
		299	8.56	4.82	-0.72	4.13	-0.03	1.83	-0.05	-0.94	-0.23	-0.76	-0.36
		932	11.55	10.25	-0.03	10.04	0.18	1.46	0.31	-0.54	4.15e-03	-0.23	-0.41
		931	11.68	9.22	-0.11	8.96	0.15	1.53	0.54	-0.50	0.06	-0.02	-0.52
1800	2	292	27.89	7.82	-8.52	-0.40	-0.30	8.17	2.54	-0.18	0.38	1.98	-1.10
		299	29.98	8.78	-6.45	2.50	-0.17	7.49	3.25	0.09	0.67	2.66	-1.22
		932	19.91	12.71	-0.55	12.07	0.10	2.86	0.61	-1.48	-0.27	-0.59	-1.03
		931	15.55	3.58	-2.29	1.06	0.23	2.90	0.20	-1.66	-0.70	-0.75	-0.93
1800	3	292	5.70	2.40	-1.28	1.10	0.02	1.76	0.13	-0.36	-0.07	-0.16	-0.24
		299	5.53	2.50	-1.08	1.42	4.15e-03	1.65	0.12	-0.37	-0.07	-0.18	-0.24
		932	5.89	4.39	-0.13	4.14	0.12	1.04	0.08	-0.45	-0.07	-0.29	-0.24
		931	5.39	2.96	-0.25	2.58	0.13	1.04	0.12	-0.44	-0.09	-0.23	-0.27
1800	4	292	11.37	3.45	-3.76	-0.22	-0.08	3.60	0.86	-0.16	0.09	0.61	-0.44
		299	11.93	3.81	-2.91	0.94	-0.04	3.32	1.10	-0.07	0.20	0.83	-0.49
		932	8.53	5.15	-0.32	4.74	0.10	1.45	0.17	-0.72	-0.16	-0.40	-0.43
		931	7.10	1.65	-1.25	0.24	0.15	1.45	0.02	-0.78	-0.32	-0.44	-0.40
1801	1	299	8.43	4.75	-0.63	4.13	-0.01	1.72	-0.04	-0.94	-0.22	-0.76	-0.36
		300	7.84	4.72	-0.54	4.23	-0.04	1.53	-0.10	-0.95	-0.23	-0.82	-0.30
		933	11.91	11.12	0.03	10.99	0.16	1.21	0.20	-0.51	-8.56e-03	-0.30	-0.32
		932	11.37	10.21	-6.79e-03	10.04	0.16	1.30	0.32	-0.53	0.01	-0.22	-0.41
1801	2	299	29.96	8.59	-6.40	2.44	-0.24	7.38	3.29	0.13	0.73	2.69	-1.24
		300	31.61	9.57	-4.77	5.04	-0.25	6.66	3.95	0.53	1.05	3.42	-1.23
		933	25.88	22.30	-0.17	22.00	0.12	2.56	0.84	-1.25	-0.02	-0.39	-1.03
		932	19.81	12.74	-0.37	12.18	0.19	2.65	0.53	-1.50	-0.36	-0.61	-1.01
1801	3	299	5.41	2.43	-1.01	1.41	2.14e-03	1.57	0.12	-0.36	-0.06	-0.18	-0.24
		300	5.05	2.52	-0.81	1.71	-7.13e-03	1.43	0.12	-0.33	-0.04	-0.16	-0.22
		933	6.40	5.66	-0.03	5.52	0.12	0.90	0.07	-0.43	-0.06	-0.30	-0.21
		932	5.75	4.35	-0.07	4.15	0.13	0.91	0.08	-0.45	-0.08	-0.29	-0.24
1801	4	299	11.86	3.70	-2.86	0.91	-0.07	3.24	1.12	-0.05	0.22	0.84	-0.50
		300	12.19	4.06	-2.17	1.95	-0.07	2.95	1.34	0.09	0.34	1.10	-0.49
		933	10.63	8.97	-0.08	8.78	0.11	1.30	0.25	-0.64	-0.06	-0.33	-0.42
		932	8.40	5.13	-0.21	4.78	0.14	1.31	0.14	-0.73	-0.19	-0.41	-0.42
1802	1	300	7.71	4.66	-0.47	4.23	-0.04	1.43	-0.10	-0.95	-0.23	-0.82	-0.30
		915	7.05	4.63	-0.36	4.32	-0.05	1.21	-0.13	-0.91	-0.22	-0.83	-0.24
		934	12.78	11.87	0.08	11.79	0.16	0.95	0.12	-0.47	-0.01	-0.33	-0.25
		933	11.94	11.09	0.06	10.99	0.16	1.06	0.20	-0.50	-6.59e-03	-0.30	-0.32
1802	2	300	31.55	9.40	-4.68	5.00	-0.28	6.53	3.97	0.54	1.08	3.43	-1.25
		915	32.83	10.33	-3.39	7.23	-0.30	5.73	4.54	0.98	1.39	4.13	-1.14
		934	32.93	30.73	-0.04	30.56	0.13	2.26	0.99	-0.95	0.22	-0.18	-0.95
		933	25.79	22.34	-0.09	22.08	0.17	2.39	0.80	-1.25	-0.05	-0.40	-1.01
1802	3	300	4.92	2.45	-0.75	1.71	-9.19e-03	1.35	0.13	-0.33	-0.04	-0.16	-0.22
		915	4.45	2.53	-0.58	1.97	-0.01	1.19	0.13	-0.27	-0.02	-0.12	-0.19
		934	7.47	6.78	0.04	6.70	0.12	0.75	0.06	-0.39	-0.04	-0.29	-0.18
		933	6.29	5.64	0.02	5.53	0.12	0.78	0.06	-0.42	-0.06	-0.30	-0.21
1802	4	300	12.11	3.96	-2.10	1.94	-0.08	2.86	1.35	0.10	0.35	1.10	-0.50
		915	12.28	4.30	-1.55	2.83	-0.09	2.53	1.54	0.27	0.46	1.35	-0.46
		934	13.37	12.37	6.06e-03	12.26	0.11	1.14	0.31	-0.52	0.03	-0.25	-0.39
		933	10.54	8.97	-0.03	8.81	0.13	1.17	0.23	-0.64	-0.07	-0.33	-0.42
1803	1	915	7.04	4.58	-0.32	4.32	-0.05	1.11	-0.13	-0.91	-0.22	-0.82	-0.25



		916	7.02	4.55	-0.22	4.38	-0.06	0.87	-0.15	-0.85	-0.20	-0.80	-0.19
		935	13.45	12.46	0.12	12.42	0.16	0.69	0.07	-0.43	-9.79e-03	-0.35	-0.18
		934	12.80	11.85	0.11	11.79	0.16	0.80	0.12	-0.47	-0.01	-0.33	-0.25
1803	2	915	32.76	10.18	-3.29	7.21	-0.31	5.59	4.56	0.98	1.40	4.14	-1.15
		916	33.78	10.99	-2.30	9.02	-0.33	4.72	5.05	1.40	1.67	4.78	-0.96
		935	40.43	37.74	0.03	37.63	0.14	1.95	1.04	-0.60	0.43	8.59e-03	-0.79
		934	32.94	30.77	0.01	30.62	0.16	2.10	0.97	-0.94	0.21	-0.18	-0.93
1803	3	915	4.33	2.47	-0.52	1.97	-0.02	1.12	0.13	-0.27	-0.02	-0.12	-0.19
		916	3.80	2.53	-0.37	2.18	-0.02	0.95	0.13	-0.20	7.55e-03	-0.08	-0.16
		935	8.47	7.71	0.07	7.66	0.12	0.60	0.05	-0.35	-0.02	-0.28	-0.14
		934	7.48	6.76	0.06	6.70	0.12	0.63	0.06	-0.39	-0.04	-0.29	-0.18
1803	4	915	12.20	4.21	-1.48	2.82	-0.09	2.44	1.54	0.27	0.46	1.35	-0.46
		916	12.28	4.50	-1.05	3.55	-0.10	2.09	1.70	0.43	0.56	1.57	-0.39
		935	16.40	15.19	0.05	15.13	0.11	0.98	0.33	-0.39	0.11	-0.18	-0.33
		934	13.38	12.37	0.04	12.28	0.12	1.02	0.30	-0.52	0.03	-0.25	-0.38
1804	1	916	7.03	4.51	-0.19	4.38	-0.06	0.76	-0.15	-0.85	-0.20	-0.80	-0.19
		917	6.89	4.45	-0.12	4.40	-0.06	0.51	-0.16	-0.78	-0.18	-0.76	-0.13
		936	13.92	12.88	0.15	12.86	0.16	0.42	0.03	-0.39	-7.15e-03	-0.36	-0.12
		935	13.47	12.45	0.14	12.43	0.16	0.53	0.07	-0.43	-9.52e-03	-0.35	-0.18
1804	2	916	33.73	10.87	-2.21	8.99	-0.34	4.58	5.06	1.40	1.68	4.78	-0.97
		917	34.63	11.46	-1.49	10.33	-0.36	3.65	5.47	1.77	1.91	5.33	-0.71
		936	46.26	43.17	0.08	43.11	0.14	1.63	0.99	-0.24	0.60	0.16	-0.58
		935	40.47	37.77	0.07	37.68	0.15	1.79	1.03	-0.59	0.43	8.72e-03	-0.78
1804	3	916	3.69	2.48	-0.32	2.18	-0.02	0.87	0.13	-0.20	8.08e-03	-0.08	-0.16
		917	3.16	2.51	-0.21	2.33	-0.02	0.69	0.12	-0.12	0.03	-0.03	-0.12
		936	9.23	8.42	0.10	8.39	0.12	0.45	0.03	-0.31	-1.59e-03	-0.27	-0.10
		935	8.48	7.70	0.09	7.66	0.12	0.49	0.05	-0.34	-0.02	-0.28	-0.14
1804	4	916	12.21	4.42	-0.99	3.54	-0.11	2.00	1.71	0.43	0.56	1.57	-0.39
		917	12.28	4.64	-0.66	4.08	-0.11	1.62	1.84	0.58	0.65	1.77	-0.29
		936	18.75	17.39	0.08	17.35	0.11	0.81	0.31	-0.25	0.18	-0.12	-0.24
		935	16.42	15.20	0.07	15.15	0.12	0.86	0.32	-0.38	0.11	-0.18	-0.32
1805	1	917	6.91	4.43	-0.10	4.40	-0.06	0.40	-0.15	-0.78	-0.18	-0.76	-0.13
		918	6.67	4.35	-0.07	4.34	-0.07	0.14	-0.15	-0.71	-0.16	-0.71	-0.07
		937	14.18	13.10	0.16	13.09	0.16	0.15	3.95e-03	-0.37	-4.83e-03	-0.36	-0.06
		936	13.94	12.87	0.15	12.87	0.16	0.27	0.03	-0.39	-6.99e-03	-0.36	-0.12
1805	2	917	34.58	11.36	-1.41	10.32	-0.36	3.50	5.48	1.76	1.91	5.33	-0.73
		918	35.47	11.66	-0.90	11.14	-0.38	2.52	5.83	2.04	2.09	5.78	-0.42
		937	50.30	46.92	0.10	46.88	0.14	1.31	0.87	0.09	0.70	0.25	-0.32
		936	46.29	43.19	0.10	43.14	0.15	1.48	0.98	-0.23	0.59	0.16	-0.57
1805	3	917	3.06	2.47	-0.17	2.32	-0.03	0.61	0.12	-0.12	0.03	-0.03	-0.12
		918	2.68	2.48	-0.10	2.40	-0.03	0.42	0.10	-0.04	0.05	9.27e-03	-0.07
		937	9.75	8.89	0.11	8.88	0.12	0.30	0.02	-0.28	9.04e-03	-0.26	-0.06
		936	9.24	8.41	0.11	8.40	0.12	0.33	0.03	-0.31	-1.69e-03	-0.27	-0.10
1805	4	917	12.23	4.58	-0.61	4.08	-0.11	1.53	1.84	0.58	0.65	1.77	-0.29
		918	12.35	4.68	-0.38	4.42	-0.12	1.13	1.96	0.69	0.72	1.93	-0.17
		937	20.40	18.92	0.09	18.90	0.12	0.64	0.27	-0.13	0.22	-0.08	-0.14
		936	18.77	17.39	0.09	17.37	0.12	0.69	0.31	-0.25	0.18	-0.12	-0.24
1806	1	918	6.69	4.35	-0.07	4.35	-0.07	0.03	-0.15	-0.71	-0.16	-0.70	-0.07
		919	6.37	4.23	-0.08	4.22	-0.07	-0.24	-0.14	-0.65	-0.14	-0.65	-8.76e-03
		938	14.20	13.10	0.16	13.10	0.16	-0.11	-3.84e-03	-0.36	-3.86e-03	-0.36	2.87e-03
		937	14.19	13.10	0.16	13.10	0.16	-1.04e-03	3.92e-03	-0.37	-4.71e-03	-0.36	-0.06
1806	2	918	35.44	11.60	-0.85	11.13	-0.38	2.37	5.83	2.04	2.09	5.78	-0.43
		919	36.35	11.53	-0.54	11.38	-0.39	1.35	6.12	2.22	2.22	6.12	-0.09
		938	52.48	48.89	0.12	48.87	0.14	0.99	0.76	0.29	0.75	0.29	-0.04
		937	50.32	46.93	0.12	46.90	0.15	1.16	0.86	0.10	0.70	0.25	-0.31
1806	3	918	2.68	2.45	-0.08	2.40	-0.03	0.35	0.10	-0.04	0.05	9.44e-03	-0.07
		919	2.66	2.41	-0.04	2.41	-0.03	0.15	0.08	0.03	0.06	0.05	-0.02
		938	10.01	9.13	0.12	9.13	0.12	0.14	0.01	-0.26	0.01	-0.26	-0.01
		937	9.76	8.89	0.12	8.89	0.12	0.18	0.02	-0.28	9.05e-03	-0.26	-0.06
1806	4	918	12.32	4.64	-0.35	4.41	-0.12	1.04	1.96	0.69	0.72	1.93	-0.18
		919	12.53	4.61	-0.21	4.53	-0.12	0.62	2.06	0.76	0.76	2.05	-0.05
		938	21.30	19.74	0.11	19.73	0.12	0.47	0.24	-0.07	0.24	-0.07	-0.02
		937	20.41	18.92	0.10	18.90	0.12	0.53	0.27	-0.13	0.22	-0.08	-0.13
1807	1	919	6.39	4.25	-0.09	4.22	-0.07	-0.34	-0.14	-0.65	-0.14	-0.65	-0.01
		920	5.99	4.10	-0.16	4.01	-0.07	-0.61	-0.12	-0.60	-0.13	-0.59	0.05
		939	13.97	12.88	0.15	12.87	0.16	-0.38	5.01e-03	-0.38	-4.99e-03	-0.37	0.06
		938	14.20	13.11	0.15	13.10	0.16	-0.27	-3.75e-03	-0.36	-3.78e-03	-0.36	3.40e-03
1807	2	919	36.35	11.50	-0.51	11.38	-0.39	1.20	6.13	2.22	2.22	6.12	-0.11
		920	37.24	11.04	-0.40	11.04	-0.39	0.15	6.35	2.27	2.28	6.34	0.23
		939	52.71	49.01	0.14	49.00	0.15	0.68	0.84	0.16	0.74	0.27	0.25
		938	52.49	48.89	0.13	48.88	0.14	0.83	0.75	0.29	0.75	0.29	-0.03
1807	3	919	2.66	2.41	-0.03	2.41	-0.03	0.08	0.08	0.03	0.06	0.05	-0.02
		920	2.57	2.33	-0.03	2.33	-0.03	-0.12	0.11	0.05	0.07	0.08	0.03
		939	10.01	9.11	0.12	9.11	0.12	-6.35e-03	0.02	-0.27	0.01	-0.26	0.03
		938	10.01	9.13	0.12	9.13	0.12	0.03	0.01	-0.26	0.01	-0.26	-0.01
1807	4	919	12.52	4.59	-0.18	4.53	-0.12	0.53	2.06	0.76	0.76	2.06	-0.05
		920	12.80	4.41	-0.13	4.41	-0.13	0.11	2.14	0.78	0.79	2.14	0.08



		939	21.44	19.82	0.11	19.82	0.12	0.30	0.26	-0.10	0.23	-0.07	0.09
		938	21.31	19.74	0.11	19.73	0.12	0.36	0.24	-0.07	0.24	-0.07	-0.02
1808	1	920	6.01	4.14	-0.19	4.01	-0.07	-0.72	-0.12	-0.60	-0.13	-0.59	0.05
		921	5.54	3.97	-0.30	3.73	-0.06	-0.99	-0.09	-0.56	-0.11	-0.54	0.11
		940	13.49	12.42	0.13	12.39	0.16	-0.63	0.03	-0.41	-8.68e-03	-0.37	0.12
		939	13.97	12.89	0.14	12.87	0.16	-0.53	5.25e-03	-0.38	-4.93e-03	-0.37	0.06
1808	2	920	37.25	11.04	-0.39	11.04	-0.39	1.13e-03	6.35	2.27	2.28	6.34	0.22
		921	38.00	10.18	-0.50	10.07	-0.39	-1.06	6.49	2.21	2.29	6.42	0.55
		940	50.92	47.21	0.15	47.21	0.15	0.37	0.98	-0.15	0.66	0.18	0.51
		939	52.70	49.00	0.14	48.99	0.14	0.52	0.85	0.15	0.74	0.27	0.26
1808	3	920	2.56	2.34	-0.04	2.33	-0.03	-0.20	0.11	0.05	0.07	0.08	0.03
		921	2.58	2.23	-0.09	2.16	-0.03	-0.39	0.17	0.01	0.08	0.11	0.08
		940	9.72	8.84	0.12	8.83	0.12	-0.15	0.03	-0.29	6.44e-03	-0.27	0.08
		939	10.00	9.11	0.12	9.11	0.12	-0.12	0.02	-0.27	0.01	-0.26	0.04
1808	4	920	12.81	4.41	-0.12	4.41	-0.12	0.02	2.14	0.78	0.79	2.14	0.08
		921	13.13	4.08	-0.17	4.04	-0.12	-0.42	2.20	0.76	0.79	2.17	0.21
		940	20.77	19.15	0.12	19.15	0.12	0.14	0.30	-0.20	0.20	-0.11	0.20
		939	21.43	19.82	0.11	19.82	0.12	0.19	0.26	-0.10	0.23	-0.07	0.09
1809	1	921	5.57	4.02	-0.35	3.73	-0.06	-1.09	-0.09	-0.56	-0.11	-0.54	0.11
		922	5.37	3.84	-0.53	3.37	-0.05	-1.35	-0.04	-0.55	-0.10	-0.49	0.16
		941	12.74	11.72	0.09	11.65	0.16	-0.88	0.05	-0.44	-0.02	-0.38	0.17
		940	13.49	12.43	0.11	12.38	0.16	-0.79	0.03	-0.41	-8.62e-03	-0.37	0.12
1809	2	921	38.03	10.23	-0.53	10.09	-0.39	-1.21	6.49	2.22	2.29	6.42	0.53
		922	38.40	9.02	-0.93	8.47	-0.38	-2.28	6.51	2.06	2.22	6.35	0.82
		941	47.04	43.47	0.15	43.47	0.15	0.09	1.04	-0.50	0.51	0.02	0.73
		940	50.90	47.19	0.14	47.19	0.14	0.22	0.99	-0.16	0.66	0.18	0.52
1809	3	921	2.65	2.26	-0.12	2.16	-0.03	-0.47	0.17	0.01	0.08	0.11	0.08
		922	3.10	2.12	-0.23	1.92	-0.02	-0.66	0.22	-0.02	0.08	0.12	0.12
		941	9.16	8.29	0.11	8.28	0.12	-0.30	0.04	-0.33	-6.97e-03	-0.28	0.12
		940	9.72	8.84	0.11	8.83	0.12	-0.27	0.03	-0.29	6.62e-03	-0.27	0.08
1809	4	921	13.16	4.11	-0.18	4.05	-0.12	-0.51	2.20	0.76	0.79	2.17	0.20
		922	13.41	3.66	-0.35	3.43	-0.12	-0.94	2.22	0.70	0.76	2.15	0.32
		941	19.28	17.71	0.12	17.71	0.12	-0.01	0.32	-0.33	0.15	-0.16	0.28
		940	20.75	19.15	0.12	19.15	0.12	0.03	0.30	-0.20	0.21	-0.11	0.20
1810	1	922	5.50	3.91	-0.59	3.37	-0.05	-1.46	-0.04	-0.55	-0.10	-0.49	0.16
		923	6.06	3.71	-0.83	2.93	-0.05	-1.71	0.01	-0.54	-0.09	-0.44	0.21
		942	11.71	10.77	0.04	10.65	0.16	-1.12	0.09	-0.49	-0.02	-0.38	0.23
		941	12.74	11.74	0.07	11.65	0.16	-1.04	0.05	-0.45	-0.01	-0.38	0.17
1810	2	922	38.45	9.11	-0.99	8.49	-0.37	-2.43	6.51	2.06	2.22	6.36	0.80
		923	38.20	7.71	-1.87	6.21	-0.37	-3.48	6.36	1.83	2.07	6.12	1.02
		942	41.01	37.74	0.16	37.74	0.16	-0.17	0.97	-0.86	0.30	-0.19	0.88
		941	47.02	43.43	0.14	43.43	0.14	-0.07	1.05	-0.51	0.52	0.02	0.74
1810	3	922	3.20	2.17	-0.27	1.92	-0.02	-0.74	0.22	-0.02	0.08	0.12	0.12
		923	3.68	2.01	-0.45	1.59	-0.02	-0.93	0.26	-0.06	0.07	0.13	0.16
		942	8.30	7.48	0.10	7.46	0.12	-0.44	0.04	-0.37	-0.03	-0.30	0.16
		941	9.15	8.30	0.10	8.28	0.12	-0.41	0.04	-0.33	-6.52e-03	-0.28	0.12
1810	4	922	13.46	3.71	-0.39	3.44	-0.12	-1.03	2.22	0.70	0.76	2.15	0.31
		923	13.53	3.20	-0.75	2.56	-0.11	-1.45	2.18	0.61	0.71	2.07	0.40
		942	16.95	15.48	0.12	15.48	0.12	-0.16	0.30	-0.47	0.07	-0.24	0.35
		941	19.26	17.70	0.11	17.70	0.12	-0.13	0.32	-0.34	0.15	-0.16	0.29
1811	1	923	6.21	3.80	-0.90	2.94	-0.05	-1.82	0.01	-0.54	-0.09	-0.44	0.21
		924	6.81	3.60	-1.20	2.44	-0.04	-2.05	0.07	-0.53	-0.08	-0.38	0.26
		943	10.38	9.59	-0.03	9.40	0.17	-1.35	0.13	-0.52	-0.03	-0.36	0.28
		942	11.71	10.80	6.52e-03	10.65	0.16	-1.28	0.09	-0.49	-0.02	-0.38	0.23
1811	2	923	38.26	7.85	-1.95	6.24	-0.35	-3.62	6.35	1.83	2.07	6.12	1.01
		924	37.11	6.47	-3.52	3.30	-0.34	-4.65	6.01	1.54	1.85	5.70	1.13
		943	32.79	30.05	0.17	30.04	0.18	-0.41	0.76	-1.19	0.02	-0.45	0.94
		942	41.02	37.69	0.13	37.69	0.13	-0.34	0.99	-0.87	0.31	-0.19	0.89
1811	3	923	3.80	2.08	-0.50	1.59	-0.02	-1.01	0.26	-0.06	0.07	0.13	0.16
		924	4.25	1.91	-0.75	1.18	-0.01	-1.19	0.29	-0.10	0.06	0.13	0.19
		943	7.15	6.41	0.07	6.35	0.13	-0.57	0.04	-0.41	-0.05	-0.31	0.18
		942	8.29	7.49	0.08	7.45	0.12	-0.55	0.05	-0.37	-0.03	-0.30	0.16
1811	4	923	13.59	3.27	-0.81	2.57	-0.11	-1.54	2.18	0.60	0.71	2.07	0.39
		924	13.38	2.77	-1.44	1.43	-0.11	-1.96	2.07	0.49	0.63	1.93	0.45
		943	13.75	12.48	0.12	12.47	0.13	-0.29	0.22	-0.60	-0.04	-0.34	0.38
		942	16.93	15.47	0.11	15.46	0.11	-0.28	0.30	-0.47	0.07	-0.24	0.35
1812	1	924	6.98	3.69	-1.28	2.44	-0.03	-2.16	0.07	-0.53	-0.08	-0.38	0.26
		925	7.54	3.50	-1.62	1.90	-0.02	-2.38	0.13	-0.51	-0.07	-0.31	0.30
		944	9.59	8.19	-0.14	7.88	0.17	-1.57	0.19	-0.54	-0.04	-0.32	0.34
		943	10.38	9.63	-0.08	9.39	0.16	-1.51	0.13	-0.53	-0.03	-0.37	0.28
1812	2	924	37.16	6.64	-3.61	3.35	-0.31	-4.79	5.99	1.52	1.83	5.69	1.12
		925	34.94	5.49	-6.09	-0.26	-0.34	-5.79	5.42	1.22	1.55	5.09	1.12
		944	23.04	20.43	0.18	20.41	0.20	-0.62	0.41	-1.44	-0.32	-0.70	0.91
		943	32.91	29.98	0.11	29.97	0.12	-0.59	0.80	-1.19	0.06	-0.45	0.96
1812	3	924	4.37	1.99	-0.82	1.18	-0.01	-1.27	0.28	-0.10	0.06	0.13	0.19
		925	4.73	1.83	-1.14	0.69	-8.56e-03	-1.44	0.29	-0.12	0.04	0.13	0.20
		944	5.84	5.08	0.03	4.98	0.13	-0.70	0.04	-0.43	-0.08	-0.31	0.21



		943	7.14	6.42	0.04	6.35	0.12	-0.69	0.05	-0.41	-0.05	-0.31	0.19
1812	4	924	13.45	2.87	-1.51	1.45	-0.09	-2.05	2.06	0.49	0.62	1.93	0.44
		925	12.87	2.43	-2.48	0.05	-0.10	-2.45	1.87	0.38	0.52	1.73	0.45
		944	9.81	8.71	0.12	8.69	0.14	-0.42	0.10	-0.69	-0.16	-0.43	0.38
		943	13.77	12.46	0.10	12.44	0.11	-0.42	0.24	-0.60	-0.02	-0.34	0.39
1813	1	925	7.72	3.60	-1.72	1.90	-0.02	-2.48	0.12	-0.52	-0.08	-0.31	0.30
		926	8.14	3.42	-2.08	1.33	5.25e-04	-2.67	0.20	-0.46	-0.06	-0.20	0.32
		945	9.31	6.61	-0.32	6.12	0.17	-1.77	0.32	-0.51	-0.02	-0.17	0.41
		944	9.76	8.25	-0.20	7.88	0.17	-1.73	0.19	-0.55	-0.03	-0.33	0.34
1813	2	925	34.90	5.68	-6.10	-0.19	-0.23	-5.89	5.38	1.16	1.49	5.06	1.12
		926	31.71	4.75	-9.66	-4.39	-0.51	-6.94	4.59	0.91	1.17	4.33	0.95
		945	14.99	9.00	0.17	8.91	0.26	-0.87	-5.67e-03	-1.56	-0.72	-0.85	0.78
		944	22.78	20.31	0.06	20.28	0.09	-0.84	0.50	-1.40	-0.21	-0.68	0.92
1813	3	925	4.86	1.91	-1.21	0.70	9.89e-04	-1.52	0.29	-0.13	0.04	0.12	0.20
		926	5.06	1.75	-1.62	0.14	-0.01	-1.69	0.29	-0.13	0.03	0.13	0.20
		945	5.13	3.53	-0.06	3.33	0.14	-0.82	0.06	-0.42	-0.10	-0.26	0.23
		944	5.92	5.10	-0.02	4.96	0.12	-0.82	0.05	-0.43	-0.07	-0.31	0.21
1813	4	925	12.91	2.54	-2.52	0.08	-0.06	-2.53	1.86	0.35	0.50	1.71	0.45
		926	12.00	2.17	-3.89	-1.55	-0.17	-2.95	1.60	0.27	0.39	1.47	0.38
		945	6.87	4.23	0.08	4.16	0.16	-0.56	-0.04	-0.73	-0.31	-0.46	0.34
		944	9.82	8.67	0.06	8.64	0.10	-0.56	0.14	-0.68	-0.12	-0.42	0.38
1814	1	926	8.35	3.52	-2.19	1.32	0.01	-2.78	0.20	-0.46	-0.08	-0.19	0.33
		927	8.39	3.34	-2.59	0.79	-0.04	-2.93	0.31	-0.33	6.80e-03	-0.03	0.32
		946	9.73	4.95	-0.71	4.12	0.12	-2.00	0.65	-0.36	0.06	0.22	0.50
		945	9.52	6.69	-0.38	6.12	0.19	-1.93	0.33	-0.53	-6.61e-03	-0.20	0.42
1814	2	926	31.25	4.98	-9.23	-4.15	-0.11	-6.81	4.53	0.82	1.09	4.26	0.97
		927	27.77	4.18	-14.39	-8.83	-1.39	-8.51	3.44	0.59	0.70	3.33	0.56
		946	9.66	0.99	-4.49	-4.10	0.60	-1.42	-0.14	-1.35	-0.99	-0.50	0.55
		945	14.11	8.70	-0.36	8.52	-0.17	-1.28	0.16	-1.39	-0.46	-0.77	0.76
1814	3	926	5.19	1.84	-1.65	0.16	0.02	-1.74	0.28	-0.14	0.01	0.13	0.20
		927	5.19	1.70	-2.22	-0.42	-0.10	-1.95	0.27	-0.09	0.02	0.15	0.17
		946	4.69	1.97	-0.38	1.44	0.14	-0.98	0.18	-0.33	-0.09	-0.06	0.25
		945	5.22	3.57	-0.16	3.30	0.11	-0.96	0.08	-0.42	-0.08	-0.26	0.23
1814	4	926	11.89	2.29	-3.76	-1.46	-0.01	-2.94	1.58	0.23	0.36	1.45	0.39
		927	10.87	1.98	-5.75	-3.27	-0.50	-3.60	1.21	0.17	0.23	1.15	0.24
		946	4.54	0.68	-1.38	-0.99	0.28	-0.81	-0.06	-0.61	-0.40	-0.27	0.27
		945	6.62	4.15	-0.14	4.01	1.29e-03	-0.77	0.03	-0.67	-0.21	-0.43	0.33
1815	1	927	8.79	3.45	-2.71	0.78	-0.04	-3.05	0.32	-0.35	-0.02	-2.92e-03	0.33
		928	8.41	3.14	-2.96	0.47	-0.30	-3.02	0.41	-0.20	0.15	0.06	0.30
		947	10.57	3.52	-1.68	2.10	-0.26	-2.32	1.11	-0.01	0.21	0.88	0.45
		946	9.88	5.03	-0.79	4.08	0.17	-2.16	0.70	-0.32	0.14	0.25	0.51
1815	2	927	27.39	4.70	-12.87	-7.31	-0.86	-8.18	3.47	0.55	0.68	3.34	0.62
		928	23.37	3.57	-17.12	-10.18	-3.37	-9.77	1.77	0.08	0.09	1.76	-0.12
		947	29.11	3.55	-18.80	-16.46	1.21	-6.83	0.53	-1.17	-1.15	0.51	-0.16
		946	11.92	0.15	-8.46	-7.92	-0.39	-2.10	-0.13	-1.15	-0.86	-0.42	0.46
1815	3	927	5.39	1.82	-2.19	-0.31	-0.06	-2.00	0.28	-0.11	8.44e-03	0.16	0.18
		928	4.89	1.61	-2.65	-0.66	-0.38	-2.13	0.19	-0.03	0.04	0.12	0.11
		947	5.05	1.39	-1.79	-0.43	0.04	-1.58	0.41	-0.11	-0.03	0.32	0.19
		946	4.75	1.85	-0.65	1.12	0.09	-1.14	0.21	-0.30	-0.05	-0.04	0.25
1815	4	927	10.80	2.21	-5.22	-2.70	-0.30	-3.52	1.22	0.15	0.22	1.15	0.26
		928	9.08	1.76	-6.87	-3.81	-1.29	-4.13	0.62	0.02	0.03	0.62	-0.02
		947	10.73	1.60	-7.06	-5.93	0.47	-2.91	0.21	-0.43	-0.43	0.21	0.01
		946	4.69	0.37	-2.89	-2.44	-0.08	-1.12	-0.05	-0.53	-0.34	-0.24	0.24
1816	1	928	9.31	3.17	-3.08	0.43	-0.34	-3.10	0.48	-0.30	0.19	-0.01	0.38
		171	11.44	3.21	-3.17	0.49	-0.45	-3.15	0.33	-0.80	-0.22	-0.24	0.57
		181	5.89	2.01	-2.27	-0.45	0.19	-2.11	0.39	-0.19	-0.13	0.32	0.18
		947	10.60	3.61	-1.99	2.33	-0.72	-2.35	1.37	0.48	0.64	1.21	0.35
1816	2	928	20.48	4.72	-15.06	-6.41	-3.93	-9.81	1.82	0.58	0.59	1.80	-0.15
		171	23.96	5.85	-11.50	-4.45	-1.20	-8.52	-0.89	-2.23	-2.11	-1.02	-0.39
		181	45.83	12.94	-25.67	-13.40	0.67	-17.98	1.25	-1.11	-0.59	0.73	-0.98
		947	39.86	2.20	-26.79	-24.25	-0.34	-8.20	0.93	-1.43	-1.22	0.71	-0.68
1816	3	928	5.29	1.77	-2.59	-0.38	-0.45	-2.18	0.23	-0.04	0.09	0.10	0.14
		171	5.72	1.91	-2.38	-0.16	-0.31	-2.15	-1.61e-03	-0.37	-0.21	-0.17	0.19
		181	5.00	1.95	-3.12	-1.33	0.16	-2.42	0.20	-0.09	-0.09	0.20	5.82e-03
		947	5.01	1.16	-2.39	-0.95	-0.29	-1.74	0.50	0.10	0.14	0.47	0.12
1816	4	928	8.46	2.23	-6.15	-2.41	-1.51	-4.17	0.64	0.21	0.21	0.64	-0.02
		171	9.22	2.70	-4.86	-1.62	-0.54	-3.74	-0.38	-0.79	-0.77	-0.40	-0.10
		181	17.70	5.19	-10.07	-5.17	0.30	-7.12	0.48	-0.38	-0.22	0.32	-0.34
		947	14.64	1.05	-10.05	-8.82	-0.18	-3.48	0.37	-0.46	-0.41	0.32	-0.19
1817	1	947	7.70	2.99	-1.56	2.24	-0.81	-1.68	0.43	-0.50	0.10	-0.17	0.44
		181	4.40	2.22	-1.18	-0.12	1.17	-1.57	-0.21	-0.37	-0.25	-0.33	0.07
		138	4.11	-0.14	-2.57	-2.56	-0.15	-0.14	0.03	-0.26	-0.25	0.03	0.04
		948	5.14	2.74	0.12	2.73	0.13	-0.14	0.31	-0.42	-0.09	-0.02	0.37
1817	2	947	37.37	0.33	-26.84	-25.95	-0.56	-4.82	-1.19	-2.26	-2.16	-1.29	-0.31
		181	26.71	5.23	-14.41	-12.44	3.26	5.91	0.91	-1.72	-0.57	-0.24	-1.31
		138	31.00	-0.53	-22.66	-22.53	-0.66	-1.67	0.51	-1.57	-1.05	-0.01	-0.91
		948	28.57	-0.04	-15.96	-15.95	-0.05	0.38	0.13	-2.08	-2.04	0.10	-0.28



1817	3	947	4.02	0.43	-2.01	-1.15	-0.43	-1.16	0.05	-0.33	-0.12	-0.16	0.19
		181	2.19	0.83	-1.12	-1.09	0.81	-0.22	-0.11	-0.23	-0.16	-0.18	-0.06
		138	4.32	-0.10	-3.04	-3.03	-0.12	-0.19	0.02	-0.21	-0.21	0.01	-0.04
		948	1.91	0.07	-0.08	-0.07	0.06	-0.04	0.08	-0.27	-0.19	-4.04e-03	0.15
1817	4	947	13.56	0.10	-9.96	-9.51	-0.35	-2.09	-0.48	-0.80	-0.79	-0.49	-0.04
		181	9.63	2.01	-5.33	-4.74	1.43	1.99	0.27	-0.68	-0.25	-0.16	-0.47
		138	12.31	-0.22	-8.99	-8.95	-0.27	-0.65	0.17	-0.61	-0.44	1.76e-03	-0.33
		948	10.34	9.64e-03	-5.61	-5.61	7.49e-03	0.11	0.03	-0.77	-0.77	0.03	-0.04
1818	1	946	8.65	4.32	-0.32	4.04	-0.04	-1.11	0.66	-0.46	0.10	0.11	0.56
		947	7.66	2.61	-0.52	2.10	-3.41e-03	-1.16	0.31	-0.71	-0.13	-0.27	0.50
		948	5.08	2.89	0.04	2.89	0.04	-4.81e-03	0.33	-0.38	-0.09	0.03	0.35
		949	7.91	6.25	0.02	6.25	0.02	-0.09	0.45	-0.45	0.03	-0.03	0.45
1818	2	946	19.88	3.51	-12.36	-8.09	-0.76	-7.04	0.25	-1.33	-0.87	-0.21	0.72
		947	26.37	3.15	-17.70	-16.72	2.17	-4.42	-0.94	-1.66	-1.56	-1.05	-0.26
		948	30.33	-0.29	-18.62	-18.61	-0.30	0.38	0.08	-1.96	-1.94	0.06	-0.20
		949	8.65	0.30	-1.72	-1.52	0.10	-0.60	0.21	-1.23	-0.97	-0.04	0.55
1818	3	946	5.08	1.71	-0.71	1.08	-0.07	-1.06	0.30	-0.29	-0.02	0.04	0.29
		947	3.77	0.75	-1.04	-0.47	0.18	-0.84	0.03	-0.39	-0.18	-0.18	0.21
		948	2.11	5.95e-03	-0.24	-0.23	-2.20e-03	0.04	0.09	-0.26	-0.18	0.02	0.14
		949	3.90	2.60	0.02	2.60	0.02	-0.10	0.20	-0.27	-0.06	-0.02	0.23
1818	4	946	8.43	1.63	-4.44	-2.52	-0.29	-2.82	0.18	-0.55	-0.31	-0.06	0.34
		947	9.52	1.26	-6.49	-6.04	0.82	-1.80	-0.41	-0.60	-0.60	-0.41	-0.02
		948	11.02	-0.10	-6.60	-6.60	-0.10	0.16	0.03	-0.73	-0.73	0.03	-0.02
		949	3.96	0.45	-0.11	0.30	0.05	-0.25	0.12	-0.50	-0.36	-0.02	0.26
1819	1	945	8.75	6.26	-0.18	6.08	-0.01	-1.04	0.55	-0.35	0.10	0.10	0.45
		946	8.50	4.28	-0.19	4.07	0.02	-0.95	0.58	-0.54	0.01	0.03	0.56
		949	7.98	6.20	0.02	6.20	0.02	0.04	0.47	-0.40	0.06	9.67e-03	0.43
		950	10.21	8.96	0.03	8.96	0.03	-0.09	0.41	-0.33	0.09	-0.01	0.37
1819	2	945	22.43	11.65	-3.38	8.71	-0.44	-5.96	0.83	-1.03	-0.22	0.02	0.92
		946	18.98	5.78	-9.74	-4.39	0.42	-7.38	3.30e-03	-1.30	-0.93	-0.36	0.58
		949	9.61	7.73e-03	-1.99	-1.92	-0.06	0.36	0.24	-1.16	-0.96	0.04	0.49
		950	20.42	16.44	0.13	16.42	0.15	-0.54	0.54	-0.97	-0.39	-0.04	0.73
1819	3	945	5.44	3.53	-0.28	3.29	-0.04	-0.94	0.29	-0.22	0.02	0.05	0.26
		946	4.94	1.90	-0.47	1.39	0.05	-0.97	0.24	-0.33	-0.07	-0.01	0.28
		949	3.59	2.55	8.21e-03	2.55	9.62e-03	0.06	0.20	-0.24	-0.05	7.49e-03	0.22
		950	5.62	5.19	0.03	5.19	0.03	-0.10	0.21	-0.21	9.50e-03	-8.86e-03	0.21
1819	4	945	9.50	5.15	-1.25	4.06	-0.16	-2.40	0.38	-0.42	-0.07	0.02	0.40
		946	8.05	2.47	-3.43	-1.12	0.16	-2.88	0.07	-0.55	-0.35	-0.13	0.29
		949	3.39	0.24	-0.11	0.14	-0.01	0.15	0.13	-0.47	-0.35	0.02	0.24
		950	8.91	7.41	0.06	7.40	0.06	-0.23	0.25	-0.40	-0.13	-0.02	0.32
1820	1	944	9.23	7.95	-0.11	7.84	1.43e-03	-0.93	0.44	-0.29	0.09	0.06	0.36
		945	8.52	6.17	-0.11	6.06	4.65e-04	-0.82	0.52	-0.39	0.06	0.06	0.45
		950	10.27	8.98	0.03	8.98	0.03	0.04	0.41	-0.31	0.10	2.33e-03	0.36
		951	12.31	11.40	0.02	11.40	0.02	-0.08	0.34	-0.25	0.10	-3.40e-03	0.29
1820	2	944	28.38	21.65	-1.40	20.37	-0.12	-5.27	1.01	-1.02	-3.24e-03	-2.31e-03	1.01
		945	22.69	11.79	-3.24	8.68	-0.13	-6.08	0.53	-1.26	-0.53	-0.20	0.87
		950	20.71	16.57	8.95e-03	16.57	9.00e-03	0.03	0.55	-0.96	-0.44	0.04	0.72
		951	33.91	32.06	0.08	32.06	0.08	-0.25	0.72	-0.89	-0.14	-0.03	0.80
1820	3	944	6.12	5.08	-0.14	4.94	-4.90e-03	-0.83	0.26	-0.20	0.04	0.02	0.23
		945	5.31	3.46	-0.19	3.28	-7.46e-03	-0.81	0.25	-0.26	-0.02	0.01	0.26
		950	5.66	5.21	0.02	5.21	0.02	0.03	0.21	-0.20	5.89e-03	4.07e-03	0.20
		951	7.83	7.46	0.02	7.46	0.02	-0.07	0.19	-0.17	0.03	-3.84e-03	0.18
1820	4	944	11.79	9.15	-0.53	8.66	-0.04	-2.12	0.43	-0.41	8.88e-03	7.56e-03	0.42
		945	9.50	5.13	-1.13	4.05	-0.05	-2.37	0.26	-0.51	-0.19	-0.06	0.38
		950	9.00	7.46	0.01	7.46	0.01	0.03	0.25	-0.39	-0.15	0.01	0.31
		951	14.24	13.58	0.04	13.58	0.04	-0.12	0.31	-0.36	-0.04	-0.01	0.33
1821	1	943	9.98	9.42	-0.07	9.35	1.66e-03	-0.79	0.37	-0.23	0.09	0.04	0.30
		944	9.06	7.89	-0.07	7.83	-5.75e-03	-0.70	0.44	-0.30	0.08	0.05	0.37
		951	12.41	11.43	0.03	11.43	0.03	0.04	0.35	-0.25	0.10	-6.58e-05	0.29
		952	14.31	13.49	0.02	13.49	0.02	-0.08	0.30	-0.19	0.11	-1.36e-03	0.24
1821	2	943	34.26	30.61	-0.74	29.99	-0.12	-4.37	1.16	-0.92	0.21	0.04	1.04
		944	28.62	21.49	-1.37	20.29	-0.17	-5.09	0.91	-1.13	-0.14	-0.07	1.02
		951	33.91	32.23	0.05	32.23	0.05	-0.06	0.78	-0.86	-0.09	0.02	0.82
		952	46.92	45.22	0.04	45.22	0.05	-0.16	0.90	-0.76	0.16	-0.01	0.82
1821	3	943	6.89	6.40	-0.08	6.32	-4.91e-03	-0.69	0.24	-0.16	0.05	0.02	0.20
		944	6.02	5.02	-0.10	4.93	-0.01	-0.67	0.25	-0.21	0.02	0.02	0.23
		951	7.91	7.48	0.02	7.48	0.02	0.03	0.20	-0.16	0.03	1.26e-03	0.18
		952	9.81	9.36	0.02	9.36	0.02	-0.06	0.19	-0.13	0.06	-1.61e-03	0.16
1821	4	943	14.08	12.68	-0.28	12.44	-0.04	-1.75	0.47	-0.36	0.09	0.02	0.42
		944	11.81	9.05	-0.49	8.63	-0.06	-1.97	0.39	-0.45	-0.05	-0.02	0.42
		951	14.23	13.65	0.03	13.65	0.03	-3.11e-03	0.33	-0.35	-0.02	5.98e-03	0.34
		952	19.47	18.76	0.02	18.76	0.03	-0.09	0.37	-0.30	0.07	-4.86e-03	0.33
1822	1	942	11.20	10.65	-0.04	10.61	2.89e-04	-0.66	0.32	-0.17	0.10	0.04	0.24
		943	10.01	9.38	-0.04	9.34	-5.45e-03	-0.57	0.37	-0.24	0.09	0.04	0.30
		952	14.37	13.51	0.03	13.51	0.03	0.04	0.30	-0.19	0.11	-5.85e-04	0.24
		953	16.00	15.20	0.02	15.20	0.02	-0.07	0.26	-0.14	0.12	-9.89e-04	0.19
1822	2	942	40.08	37.99	-0.44	37.69	-0.14	-3.40	1.22	-0.72	0.40	0.10	0.96



		943	34.31	30.52	-0.72	29.96	-0.16	-4.14	1.14	-0.96	0.15	0.02	1.05
		952	47.19	45.34	0.06	45.34	0.06	-0.06	0.93	-0.74	0.19	5.07e-03	0.83
		953	58.68	55.71	0.04	55.71	0.04	-0.13	0.99	-0.59	0.41	-6.92e-03	0.76
1822	3	942	7.83	7.46	-0.05	7.42	-6.74e-03	-0.55	0.22	-0.12	0.07	0.03	0.17
		943	6.79	6.36	-0.06	6.31	-0.01	-0.53	0.24	-0.17	0.05	0.02	0.20
		952	9.86	9.38	0.02	9.38	0.02	0.03	0.19	-0.13	0.06	1.56e-04	0.16
1822	4	953	11.41	10.87	0.02	10.87	0.02	-0.06	0.18	-0.10	0.08	-9.90e-04	0.13
		942	16.39	15.57	-0.17	15.45	-0.05	-1.37	0.49	-0.28	0.16	0.04	0.38
		943	14.04	12.62	-0.26	12.42	-0.06	-1.59	0.46	-0.38	0.07	0.01	0.42
		952	19.59	18.81	0.03	18.81	0.03	-1.26e-03	0.38	-0.29	0.08	1.83e-03	0.33
		953	24.05	22.87	0.02	22.87	0.02	-0.07	0.40	-0.23	0.17	-2.75e-03	0.30
1823	1	941	12.19	11.63	-0.02	11.61	-4.29e-04	-0.52	0.26	-0.11	0.11	0.04	0.18
		942	11.24	10.62	-0.02	10.60	-4.21e-03	-0.44	0.32	-0.17	0.10	0.04	0.24
		953	16.04	15.22	0.03	15.22	0.03	0.05	0.26	-0.14	0.12	-7.48e-04	0.19
1823	2	954	17.33	16.54	0.02	16.54	0.02	-0.07	0.22	-0.10	0.12	-9.28e-04	0.15
		941	46.56	43.55	-0.28	43.42	-0.15	-2.42	1.17	-0.46	0.56	0.16	0.79
		942	40.03	37.94	-0.42	37.68	-0.16	-3.17	1.22	-0.74	0.38	0.09	0.97
		953	58.83	55.80	0.06	55.80	0.06	-0.04	1.00	-0.58	0.42	4.34e-05	0.76
		954	67.36	63.47	0.04	63.47	0.04	-0.10	1.00	-0.40	0.60	-5.59e-03	0.63
1823	3	941	8.71	8.27	-0.03	8.25	-7.50e-03	-0.41	0.19	-0.07	0.09	0.03	0.13
		942	7.85	7.44	-0.03	7.42	-0.01	-0.39	0.22	-0.12	0.07	0.03	0.17
		953	11.44	10.88	0.02	10.88	0.02	0.03	0.18	-0.10	0.08	-3.18e-04	0.13
		954	12.60	11.99	0.02	11.99	0.02	-0.05	0.16	-0.07	0.10	-8.42e-04	0.10
1823	4	941	18.90	17.73	-0.10	17.68	-0.05	-0.97	0.46	-0.18	0.22	0.06	0.31
		942	16.38	15.53	-0.15	15.44	-0.06	-1.20	0.49	-0.29	0.15	0.04	0.38
		953	24.12	22.91	0.03	22.91	0.03	7.64e-03	0.40	-0.23	0.17	-8.41e-05	0.30
		954	27.42	25.90	0.02	25.90	0.02	-0.06	0.39	-0.16	0.24	-2.22e-03	0.25
1824	1	940	12.93	12.36	-0.01	12.34	-5.29e-04	-0.39	0.21	-0.05	0.12	0.04	0.12
		941	12.23	11.61	-0.01	11.60	-3.05e-03	-0.31	0.27	-0.11	0.11	0.04	0.19
		954	17.36	16.55	0.03	16.55	0.03	0.05	0.22	-0.10	0.13	-8.28e-04	0.14
		955	18.30	17.50	0.02	17.50	0.02	-0.07	0.18	-0.05	0.13	-9.29e-04	0.10
1824	2	940	50.78	47.21	-0.19	47.17	-0.15	-1.44	1.03	-0.17	0.67	0.20	0.55
		941	46.56	43.52	-0.26	43.41	-0.15	-2.19	1.17	-0.47	0.55	0.15	0.80
		954	67.44	63.52	0.06	63.52	0.06	-0.01	1.00	-0.39	0.61	-2.55e-03	0.63
		955	72.97	68.48	0.05	68.48	0.05	-0.07	0.93	-0.21	0.73	-5.43e-03	0.44
1824	3	940	9.30	8.81	-0.02	8.80	-7.63e-03	-0.28	0.16	-0.02	0.10	0.03	0.08
		941	8.74	8.26	-0.02	8.25	-9.17e-03	-0.26	0.19	-0.07	0.09	0.03	0.13
		954	12.62	12.00	0.02	12.00	0.02	0.04	0.16	-0.06	0.10	-5.57e-04	0.10
		955	13.38	12.72	0.02	12.72	0.02	-0.05	0.14	-0.03	0.11	-8.20e-04	0.07
1824	4	940	20.52	19.14	-0.07	19.12	-0.05	-0.59	0.40	-0.06	0.26	0.08	0.21
		941	18.91	17.71	-0.09	17.67	-0.05	-0.81	0.46	-0.18	0.22	0.06	0.31
		954	27.46	25.92	0.03	25.92	0.03	0.02	0.39	-0.15	0.24	-1.07e-03	0.24
		955	29.58	27.83	0.03	27.83	0.03	-0.05	0.36	-0.08	0.29	-2.15e-03	0.17
1825	1	939	13.41	12.83	-5.81e-03	12.83	-2.26e-04	-0.27	0.15	9.18e-03	0.12	0.04	0.06
		940	12.95	12.34	-4.59e-03	12.34	-1.96e-03	-0.18	0.21	-0.05	0.12	0.04	0.13
		955	18.31	17.50	0.03	17.50	0.03	0.05	0.18	-0.05	0.13	-8.77e-04	0.10
		956	18.90	18.10	0.02	18.10	0.02	-0.06	0.15	-0.02	0.13	-9.42e-04	0.05
1825	2	939	52.78	48.97	-0.15	48.96	-0.15	-0.47	0.84	0.11	0.73	0.22	0.26
		940	50.79	47.20	-0.18	47.17	-0.15	-1.22	1.03	-0.17	0.67	0.20	0.55
		955	73.01	68.51	0.06	68.51	0.06	0.02	0.93	-0.21	0.73	-4.02e-03	0.43
		956	75.58	70.78	0.05	70.78	0.05	-0.05	0.85	-0.06	0.80	-5.42e-03	0.21
1825	3	939	9.60	9.08	-9.70e-03	9.08	-7.46e-03	-0.14	0.12	0.02	0.10	0.04	0.04
		940	9.32	8.80	-9.95e-03	8.80	-8.36e-03	-0.12	0.16	-0.03	0.10	0.03	0.09
		955	13.39	12.73	0.02	12.73	0.02	0.04	0.14	-0.03	0.11	-6.90e-04	0.07
		956	13.76	13.08	0.02	13.08	0.02	-0.04	0.12	-7.81e-03	0.12	-8.17e-04	0.03
1825	4	939	21.27	19.79	-0.05	19.79	-0.05	-0.20	0.32	0.05	0.28	0.09	0.09
		940	20.53	19.13	-0.06	19.12	-0.05	-0.43	0.40	-0.06	0.26	0.08	0.21
		955	29.60	27.84	0.03	27.84	0.03	0.03	0.36	-0.08	0.29	-1.62e-03	0.17
		956	30.55	28.69	0.03	28.69	0.03	-0.04	0.33	-0.02	0.31	-2.14e-03	0.08
1826	1	938	13.65	13.06	-1.29e-03	13.06	3.47e-04	-0.15	0.12	0.05	0.12	0.05	-6.35e-04
		939	13.42	12.82	-1.04e-03	12.82	-8.15e-04	-0.05	0.16	6.57e-03	0.12	0.04	0.07
		956	18.91	18.10	0.03	18.10	0.03	0.06	0.15	-0.02	0.13	-9.08e-04	0.05
		957	19.16	18.36	0.02	18.36	0.03	-0.06	0.13	-9.69e-04	0.13	-9.55e-04	1.40e-03
1826	2	938	52.65	48.84	-0.15	48.84	-0.14	0.47	0.74	0.22	0.74	0.23	-0.05
		939	52.79	48.96	-0.15	48.96	-0.14	-0.25	0.84	0.11	0.73	0.22	0.27
		956	75.58	70.78	0.05	70.78	0.05	0.04	0.85	-0.05	0.80	-4.85e-03	0.20
		957	75.25	70.42	0.05	70.42	0.05	-0.02	0.81	-6.78e-03	0.81	-5.22e-03	-0.04
1826	3	938	9.62	9.10	-7.13e-03	9.10	-7.12e-03	-0.01	0.11	0.03	0.10	0.04	-0.02
		939	9.61	9.08	-7.55e-03	9.08	-7.53e-03	0.02	0.12	0.02	0.10	0.04	0.04
		956	13.76	13.08	0.02	13.08	0.02	0.04	0.12	-7.06e-03	0.12	-7.65e-04	0.03
		957	13.75	13.06	0.02	13.06	0.02	-0.04	0.12	-1.75e-03	0.12	-7.99e-04	-0.01
1826	4	938	21.17	19.70	-0.05	19.70	-0.05	0.17	0.29	0.09	0.29	0.09	-0.03
		939	21.28	19.79	-0.05	19.79	-0.05	-0.04	0.32	0.05	0.28	0.09	0.10
		956	30.56	28.68	0.03	28.68	0.03	0.04	0.33	-0.02	0.31	-1.93e-03	0.07
		957	30.37	28.49	0.03	28.49	0.03	-0.03	0.32	-3.52e-03	0.31	-2.06e-03	-0.02
1827	1	937	13.65	13.05	1.03e-03	13.05	1.11e-03	-0.03	0.16	8.01e-03	0.12	0.05	-0.07
		938	13.64	13.06	1.04e-04	13.06	4.52e-04	0.07	0.12	0.05	0.12	0.05	2.34e-03



		957	19.16	18.36	0.02	18.36	0.02	0.06	0.13	-9.26e-04	0.13	-9.23e-04	-5.41e-04
		958	19.09	18.29	0.03	18.29	0.03	-0.06	0.15	-0.02	0.13	-9.68e-04	-0.05
1827	2	937	50.46	46.89	-0.18	46.85	-0.14	1.38	0.88	0.03	0.69	0.22	-0.36
		938	52.66	48.85	-0.15	48.84	-0.14	0.69	0.74	0.22	0.74	0.23	-0.04
		957	75.22	70.39	0.05	70.39	0.05	0.07	0.81	-7.27e-03	0.81	-5.22e-03	-0.04
		958	72.09	67.47	0.06	67.47	0.06	-3.45e-04	0.85	-0.10	0.76	-4.72e-03	-0.28
1827	3	937	9.36	8.85	-8.18e-03	8.85	-6.69e-03	0.11	0.14	-5.43e-03	0.10	0.04	-0.07
		938	9.62	9.10	-8.98e-03	9.10	-6.64e-03	0.15	0.11	0.03	0.10	0.04	-0.01
		957	13.74	13.06	0.02	13.06	0.02	0.05	0.12	-2.04e-03	0.12	-7.97e-04	-0.01
		958	13.35	12.68	0.02	12.68	0.02	-0.04	0.13	-0.02	0.11	-7.54e-04	-0.05
1827	4	937	20.27	18.88	-0.06	18.87	-0.05	0.53	0.36	5.58e-05	0.27	0.09	-0.15
		938	21.18	19.71	-0.05	19.70	-0.05	0.33	0.29	0.09	0.29	0.09	-0.03
		957	30.35	28.47	0.03	28.47	0.03	0.05	0.32	-3.89e-03	0.31	-2.07e-03	-0.02
		958	29.06	27.26	0.03	27.26	0.03	-0.02	0.34	-0.04	0.30	-1.86e-03	-0.12
1828	1	936	13.43	12.82	1.50e-03	12.82	1.98e-03	0.08	0.22	-0.05	0.12	0.05	-0.13
		937	13.63	13.06	-6.90e-04	13.05	1.88e-03	0.18	0.15	0.01	0.12	0.05	-0.06
		958	19.08	18.28	0.02	18.28	0.02	0.06	0.15	-0.02	0.13	-9.26e-04	-0.05
		959	18.71	17.90	0.03	17.90	0.03	-0.05	0.19	-0.06	0.13	-9.91e-04	-0.10
1828	2	936	46.30	43.20	-0.25	43.08	-0.13	2.25	1.07	-0.27	0.61	0.19	-0.64
		937	50.47	46.92	-0.19	46.86	-0.13	1.60	0.88	0.03	0.69	0.22	-0.35
		958	72.03	67.41	0.04	67.41	0.04	0.09	0.86	-0.10	0.76	-5.25e-03	-0.28
		959	66.21	62.02	0.06	62.02	0.06	0.02	0.94	-0.27	0.67	-3.84e-03	-0.50
1828	3	936	8.84	8.37	-0.01	8.36	-6.23e-03	0.24	0.18	-0.06	0.09	0.03	-0.11
		937	9.35	8.86	-0.01	8.86	-5.67e-03	0.27	0.14	-3.56e-03	0.10	0.04	-0.06
		958	13.34	12.67	0.02	12.67	0.02	0.05	0.13	-0.02	0.11	-7.98e-04	-0.05
		959	12.59	11.95	0.02	11.95	0.02	-0.03	0.15	-0.05	0.10	-6.78e-04	-0.09
1828	4	936	18.58	17.37	-0.09	17.33	-0.05	0.88	0.43	-0.12	0.24	0.08	-0.26
		937	20.27	18.90	-0.07	18.87	-0.05	0.69	0.35	2.27e-03	0.27	0.09	-0.15
		958	29.03	27.23	0.02	27.23	0.02	0.06	0.34	-0.04	0.30	-2.08e-03	-0.12
		959	26.67	25.03	0.03	25.03	0.03	-0.01	0.37	-0.12	0.26	-1.52e-03	-0.21
1829	1	935	13.02	12.38	2.56e-04	12.38	2.87e-03	0.18	0.28	-0.12	0.11	0.05	-0.20
		936	13.40	12.83	-3.18e-03	12.82	3.48e-03	0.29	0.21	-0.05	0.12	0.05	-0.13
		959	18.69	17.89	0.02	17.89	0.02	0.07	0.19	-0.06	0.13	-9.10e-04	-0.10
		960	18.05	17.21	0.03	17.21	0.03	-0.05	0.23	-0.10	0.13	-1.05e-03	-0.15
1829	2	935	40.24	37.86	-0.37	37.61	-0.13	3.07	1.20	-0.58	0.47	0.15	-0.87
		936	46.30	43.24	-0.26	43.10	-0.12	2.47	1.07	-0.27	0.61	0.19	-0.63
		959	66.12	61.94	0.04	61.94	0.04	0.12	0.94	-0.28	0.66	-5.08e-03	-0.51
		960	57.75	54.19	0.06	54.19	0.06	0.04	1.00	-0.48	0.52	-2.47e-03	-0.69
1829	3	935	8.07	7.64	-0.02	7.63	-5.82e-03	0.36	0.21	-0.11	0.08	0.03	-0.16
		936	8.82	8.38	-0.02	8.36	-4.56e-03	0.40	0.18	-0.05	0.09	0.03	-0.11
		959	12.57	11.94	0.02	11.94	0.02	0.05	0.15	-0.05	0.10	-7.80e-04	-0.09
		960	11.48	10.89	0.02	10.89	0.02	-0.03	0.17	-0.09	0.09	-5.65e-04	-0.12
1829	4	935	16.13	15.20	-0.14	15.10	-0.04	1.21	0.49	-0.24	0.18	0.06	-0.36
		936	18.57	17.40	-0.10	17.33	-0.04	1.04	0.43	-0.12	0.24	0.08	-0.26
		959	26.62	25.00	0.02	25.00	0.02	0.07	0.38	-0.12	0.26	-2.02e-03	-0.21
		960	23.25	21.85	0.03	21.85	0.03	-3.12e-03	0.40	-0.20	0.20	-9.86e-04	-0.28
1830	1	934	12.45	11.75	-2.69e-03	11.75	3.67e-03	0.27	0.35	-0.19	0.11	0.05	-0.27
		935	12.97	12.40	-7.28e-03	12.38	5.24e-03	0.39	0.28	-0.12	0.11	0.05	-0.20
		960	18.02	17.20	0.02	17.20	0.02	0.07	0.23	-0.11	0.13	-8.59e-04	-0.16
		961	17.14	16.25	0.03	16.25	0.03	-0.05	0.28	-0.16	0.12	-1.18e-03	-0.21
1830	2	934	33.98	31.01	-0.59	30.54	-0.12	3.85	1.24	-0.85	0.29	0.09	-1.04
		935	40.25	37.92	-0.40	37.63	-0.11	3.30	1.20	-0.57	0.48	0.15	-0.87
		960	57.61	54.09	0.03	54.09	0.03	0.14	1.00	-0.48	0.52	-5.03e-03	-0.69
		961	46.86	44.12	0.06	44.12	0.06	0.06	1.01	-0.67	0.34	-2.49e-04	-0.82
1830	3	934	7.06	6.70	-0.04	6.67	-5.58e-03	0.47	0.24	-0.16	0.06	0.03	-0.20
		935	8.04	7.67	-0.04	7.63	-3.25e-03	0.51	0.21	-0.10	0.08	0.03	-0.16
		960	11.45	10.87	0.02	10.87	0.02	0.06	0.18	-0.09	0.09	-7.72e-04	-0.12
		961	10.04	9.50	0.02	9.50	0.02	-0.03	0.19	-0.12	0.07	-3.89e-04	-0.15
1830	4	934	13.66	12.42	-0.23	12.23	-0.04	1.53	0.51	-0.35	0.12	0.04	-0.43
		935	16.12	15.24	-0.16	15.11	-0.04	1.37	0.48	-0.24	0.19	0.06	-0.35
		960	23.18	21.80	0.02	21.80	0.02	0.08	0.40	-0.20	0.20	-2.01e-03	-0.28
		961	18.85	17.75	0.03	17.75	0.03	5.18e-03	0.41	-0.28	0.13	-1.12e-04	-0.34
1831	1	933	11.78	10.95	-7.12e-03	10.94	4.58e-03	0.36	0.43	-0.27	0.10	0.06	-0.35
		934	12.38	11.77	-0.01	11.75	7.02e-03	0.49	0.35	-0.19	0.11	0.05	-0.27
		961	17.10	16.23	0.02	16.23	0.02	0.07	0.28	-0.16	0.12	-7.18e-04	-0.21
		962	16.04	15.03	0.03	15.03	0.03	-0.05	0.34	-0.22	0.12	-1.50e-03	-0.27
1831	2	933	29.29	22.89	-1.02	21.98	-0.12	4.56	1.19	-1.08	0.08	0.03	-1.13
		934	34.08	31.10	-0.63	30.57	-0.10	4.08	1.25	-0.84	0.31	0.10	-1.04
		961	46.67	43.99	0.03	43.99	0.03	0.16	1.00	-0.68	0.32	-5.96e-03	-0.83
		962	33.82	31.94	0.06	31.94	0.06	0.08	0.95	-0.84	0.11	3.85e-03	-0.90
1831	3	933	6.33	5.55	-0.07	5.49	-5.69e-03	0.58	0.26	-0.20	0.04	0.02	-0.23
		934	7.10	6.73	-0.06	6.67	-1.56e-03	0.63	0.24	-0.15	0.06	0.03	-0.19
		961	10.00	9.48	0.02	9.48	0.02	0.06	0.19	-0.13	0.07	-8.50e-04	-0.16
		962	8.30	7.79	0.02	7.79	0.02	-0.03	0.21	-0.16	0.05	-6.47e-05	-0.18
1831	4	933	11.77	9.12	-0.40	8.76	-0.04	1.82	0.49	-0.44	0.03	0.01	-0.47
		934	13.76	12.48	-0.26	12.25	-0.03	1.69	0.51	-0.34	0.12	0.04	-0.42
		961	18.76	17.70	0.02	17.70	0.02	0.09	0.41	-0.28	0.13	-2.40e-03	-0.34



1832	1	962	13.59	12.80	0.03	12.80	0.03	0.01	0.39	-0.34	0.05	1.52e-03	-0.37
		932	11.10	10.00	-0.01	9.99	6.76e-03	0.43	0.54	-0.36	0.11	0.08	-0.45
		933	11.67	10.98	-0.02	10.95	8.41e-03	0.58	0.43	-0.26	0.10	0.06	-0.34
1832	2	962	15.98	15.01	0.02	15.01	0.02	0.08	0.35	-0.22	0.12	-4.69e-04	-0.28
		963	14.82	13.57	0.03	13.57	0.03	-0.04	0.42	-0.29	0.13	-1.99e-03	-0.35
		932	24.66	13.99	-2.05	12.06	-0.12	5.21	1.02	-1.26	-0.19	-0.04	-1.14
		933	29.33	23.02	-1.07	22.02	-0.07	4.80	1.20	-1.04	0.12	0.05	-1.12
		962	33.52	31.78	0.02	31.78	0.03	0.19	0.93	-0.86	0.08	-0.01	-0.89
1832	3	963	20.99	17.83	0.06	17.83	0.06	0.09	0.84	-0.97	-0.14	0.01	-0.90
		932	5.69	4.21	-0.11	4.10	-6.23e-03	0.68	0.29	-0.25	0.01	0.02	-0.27
		933	6.45	5.59	-0.10	5.49	9.17e-04	0.74	0.26	-0.20	0.04	0.02	-0.23
		962	8.24	7.77	0.01	7.77	0.02	0.06	0.21	-0.16	0.05	-1.28e-03	-0.18
		963	6.34	5.78	0.02	5.78	0.02	-0.02	0.23	-0.20	0.03	7.42e-04	-0.21
1832	4	932	9.96	5.51	-0.83	4.72	-0.04	2.09	0.43	-0.52	-0.07	-0.01	-0.47
		933	11.87	9.20	-0.45	8.78	-0.02	1.99	0.49	-0.43	0.05	0.02	-0.46
		962	13.44	12.73	0.02	12.73	0.02	0.10	0.38	-0.35	0.03	-4.17e-03	-0.37
		963	8.33	7.04	0.03	7.04	0.03	0.02	0.35	-0.40	-0.05	5.08e-03	-0.37
		931	10.99	8.94	-0.02	8.92	5.93e-03	0.46	0.69	-0.47	0.11	0.11	-0.58
1833	1	932	11.18	10.04	-0.03	9.99	0.01	0.67	0.53	-0.35	0.10	0.08	-0.44
		963	14.73	13.55	0.01	13.55	0.01	0.07	0.42	-0.30	0.13	-1.54e-03	-0.35
		964	13.67	11.92	0.03	11.92	0.03	-0.02	0.54	-0.39	0.15	-4.16e-04	-0.46
		931	21.40	6.24	-5.49	0.86	-0.11	5.84	0.74	-1.40	-0.53	-0.13	-1.05
		932	24.59	14.21	-2.12	12.14	-0.05	5.43	1.09	-1.16	-0.07	9.50e-03	-1.13
1833	2	963	21.05	17.63	0.04	17.63	0.04	0.25	0.79	-1.00	-0.19	-0.02	-0.89
		964	10.01	2.01	0.02	2.01	0.02	0.03	0.68	-1.08	-0.43	0.03	-0.85
		931	5.27	2.74	-0.22	2.53	-6.41e-03	0.76	0.31	-0.30	-0.02	0.03	-0.31
		932	5.81	4.28	-0.16	4.12	5.16e-03	0.84	0.29	-0.23	0.03	0.03	-0.26
		963	6.23	5.75	0.01	5.75	0.02	0.07	0.22	-0.20	0.02	-3.26e-03	-0.21
1833	4	964	4.38	3.50	0.02	3.50	0.02	-0.02	0.25	-0.24	0.01	3.51e-03	-0.24
		931	8.82	2.41	-2.31	0.14	-0.04	2.36	0.33	-0.58	-0.21	-0.04	-0.45
		932	10.03	5.65	-0.91	4.75	-0.01	2.25	0.46	-0.47	-0.03	8.23e-03	-0.46
		963	8.39	6.96	0.02	6.96	0.02	0.12	0.33	-0.41	-0.07	-9.84e-03	-0.37
		964	4.03	0.56	0.02	0.56	0.02	-6.44e-03	0.30	-0.44	-0.16	0.01	-0.36
1834	1	930	11.41	7.67	-0.03	7.65	-4.82e-03	0.44	0.81	-0.70	0.05	0.06	-0.75
		931	11.20	9.06	-0.03	9.00	0.04	0.75	0.70	-0.43	0.13	0.14	-0.56
		964	13.49	11.85	0.02	11.85	0.02	0.05	0.52	-0.41	0.13	-0.01	-0.46
		965	12.61	10.22	0.01	10.22	0.01	1.04e-03	0.66	-0.49	0.16	0.01	-0.57
		930	21.73	3.31	-14.31	-11.33	0.34	6.60	0.37	-1.50	-0.89	-0.23	-0.88
1834	2	931	21.45	6.30	-5.55	1.01	-0.26	5.89	0.97	-1.18	-0.24	0.03	-1.07
		964	10.50	1.86	-0.02	1.74	0.11	0.47	0.63	-1.11	-0.43	-0.04	-0.85
		965	21.82	-0.06	-15.50	-15.50	-0.07	-0.25	0.46	-1.20	-0.79	0.05	-0.72
		930	5.30	1.32	-0.52	0.76	0.03	0.84	0.32	-0.39	-0.07	1.99e-03	-0.36
		931	5.42	2.88	-0.31	2.58	-6.51e-03	0.94	0.34	-0.26	0.03	0.06	-0.30
1834	4	964	4.33	3.45	0.02	3.45	0.02	0.08	0.24	-0.25	3.10e-04	-0.01	-0.24
		965	3.07	1.00	3.65e-03	1.00	5.30e-03	-0.04	0.27	-0.28	-0.02	0.01	-0.28
		930	9.25	1.29	-6.02	-4.86	0.13	2.67	0.20	-0.64	-0.35	-0.09	-0.39
		931	8.97	2.52	-2.41	0.21	-0.09	2.46	0.42	-0.48	-0.09	0.02	-0.45
		964	4.31	0.54	-0.04	0.45	0.05	0.21	0.27	-0.46	-0.17	-0.02	-0.36
1835	1	965	9.17	-0.02	-6.62	-6.62	-0.02	-0.12	0.22	-0.50	-0.30	0.02	-0.32
		929	12.79	7.30	-0.76	7.05	-0.50	1.42	0.63	-0.96	-0.08	-0.25	-0.79
		930	11.06	8.14	0.05	8.11	0.08	0.47	0.90	-0.53	0.21	0.16	-0.71
		965	12.37	10.38	5.17e-03	10.38	5.49e-03	0.06	0.59	-0.58	0.06	-0.04	-0.58
		966	9.50	7.15	0.13	7.15	0.13	0.12	0.64	-0.45	0.14	0.05	-0.55
1835	2	929	29.22	2.39	-22.76	-21.73	1.35	4.99	-0.38	-1.61	-1.39	-0.61	-0.48
		930	22.55	1.92	-16.18	-13.74	-0.52	6.18	0.61	-1.33	-0.65	-0.06	-0.93
		965	21.41	0.11	-15.13	-15.11	0.09	0.59	0.36	-1.32	-0.90	-0.06	-0.73
		966	40.44	-0.18	-32.16	-32.16	-0.18	-0.26	0.18	-1.41	-1.32	0.08	-0.38
		929	5.42	0.76	-1.45	-0.66	-0.03	1.06	0.18	-0.51	-0.18	-0.15	-0.34
1835	3	930	5.19	1.29	-0.62	0.70	-0.03	0.88	0.39	-0.30	0.02	0.07	-0.35
		965	3.38	1.09	8.96e-03	1.08	0.02	0.10	0.23	-0.33	-0.07	-0.03	-0.28
		966	3.58	0.03	-1.96	-1.96	0.03	-1.80e-03	0.23	-0.27	-0.07	0.03	-0.24
		929	12.17	0.96	-9.63	-9.18	0.52	2.11	-0.12	-0.70	-0.57	-0.25	-0.25
		930	9.71	0.81	-6.78	-5.77	-0.20	2.58	0.31	-0.54	-0.23	-2.10e-03	-0.41
1835	4	965	8.99	0.05	-6.48	-6.47	0.04	0.26	0.17	-0.55	-0.35	-0.03	-0.32
		966	16.88	-0.06	-13.61	-13.61	-0.06	-0.11	0.10	-0.57	-0.51	0.04	-0.19
		202	13.66	6.44	-3.42	1.81	1.21	4.92	0.11	-0.79	-0.41	-0.27	-0.44
		929	13.24	9.04	-1.95	8.58	-1.48	2.21	1.03	-0.41	0.60	0.03	-0.66
		966	9.68	6.80	0.17	6.79	0.18	0.27	0.66	-0.54	0.17	-0.05	-0.59
1836	1	219	5.43	9.85e-03	-3.68	-3.67	5.81e-03	0.12	0.24	-0.36	-0.15	0.03	-0.29
		202	30.15	5.32	-22.40	-22.39	5.31	0.67	-0.53	-1.34	-1.15	-0.72	0.34
		929	32.33	-1.63	-29.55	-28.10	-3.08	6.19	-0.06	-1.34	-1.03	-0.37	-0.55
		966	37.93	0.29	-29.97	-29.97	0.29	0.03	0.07	-1.40	-1.29	-0.04	-0.39
		219	55.95	-0.70	-48.13	-48.08	-0.76	1.67	0.10	-1.34	-1.30	0.07	0.23
1836	3	202	5.44	2.03	-3.49	-2.68	1.22	1.95	-0.17	-0.39	-0.32	-0.25	-0.10
		929	6.18	0.72	-2.47	-0.73	-1.02	1.59	0.40	-0.25	0.15	5.08e-03	-0.31
		966	3.41	0.14	-1.88	-1.87	0.13	0.12	0.22	-0.31	-0.06	-0.03	-0.26
		219	9.50	-0.10	-8.03	-8.03	-0.11	0.24	0.04	-0.25	-0.24	0.03	-0.06



1836	4	202	13.40	2.47	-9.89	-9.85	2.43	0.69	-0.31	-0.61	-0.54	-0.38	0.13
		929	12.80	-0.78	-12.31	-11.60	-1.49	2.77	0.08	-0.53	-0.33	-0.11	-0.28
		966	15.81	0.16	-12.77	-12.77	0.16	0.06	0.05	-0.57	-0.49	-0.03	-0.21
		219	24.72	-0.32	-21.21	-21.18	-0.34	0.70	0.05	-0.60	-0.58	0.04	0.09
1837	1	2011	13.21	2.64	-7.30	-2.81	-1.85	-4.95	-0.07	-0.27	-0.16	-0.18	-0.10
		163	16.04	11.95	-1.18	9.51	1.26	5.10	1.71e-03	-0.25	-5.07e-03	-0.25	-0.04
		284	25.35	0.57	-17.01	-13.41	-3.03	-7.09	0.56	0.30	0.54	0.32	0.06
		967	5.40	1.01	-2.41	-2.01	0.61	1.10	0.05	-0.30	-0.19	-0.06	-0.17
1837	2	2011	97.94	13.98	-38.45	-14.08	-10.40	-26.15	3.73	-0.98	0.77	1.98	2.28
		163	77.64	59.31	-2.32	49.09	7.90	22.93	0.11	-0.41	-0.17	-0.13	0.26
		284	157.37	4.02	-81.56	-63.08	-14.46	-35.21	-1.72	-7.43	-7.41	-1.74	-0.34
		967	51.95	5.83	-4.38	-1.15	2.60	4.75	3.47	-1.77	1.78	-0.08	2.44
1837	3	2011	10.11	1.84	-5.40	-2.16	-1.40	-3.60	0.16	-0.10	-0.02	0.07	0.12
		163	11.41	8.50	-0.65	6.89	0.96	3.49	-5.36e-03	-0.12	-5.38e-03	-0.12	1.59e-03
		284	17.51	0.55	-11.93	-9.28	-2.10	-5.10	0.02	-0.32	-0.32	0.02	-9.66e-04
		967	3.46	0.77	-1.08	-0.72	0.40	0.73	0.13	-0.11	0.05	-0.04	0.11
1837	4	2011	36.45	5.20	-14.63	-5.50	-3.93	-9.89	1.34	-0.38	0.26	0.71	0.83
		163	29.66	22.54	-0.99	18.61	2.93	8.77	0.02	-0.16	-0.05	-0.09	0.09
		284	58.92	1.57	-31.06	-24.00	-5.49	-13.44	-0.59	-2.68	-2.68	-0.59	-0.12
		967	19.00	2.22	-1.69	-0.46	0.99	1.81	1.25	-0.65	0.64	-0.04	0.89
1838	1	2010	6.51	1.41	-3.50	-1.78	-0.31	-2.34	0.02	-0.10	-0.06	-0.03	-0.06
		2011	4.94	1.76	-1.87	-0.29	0.17	-1.80	0.05	-0.11	0.02	-0.08	-0.06
		967	5.35	0.23	-3.06	-2.91	0.08	-0.69	0.08	-0.15	-0.06	-0.01	-0.11
		968	3.57	2.66	-0.08	2.61	-0.02	-0.38	0.06	-0.06	-0.01	9.76e-03	-0.06
1838	2	2010	56.13	8.03	-20.37	-10.78	-1.56	-13.43	1.79	-1.39	0.07	0.33	1.58
		2011	48.30	9.85	-11.16	-1.84	0.53	-10.44	2.09	-1.09	0.19	0.82	1.56
		967	40.76	2.39	-7.55	-5.45	0.29	-4.06	1.90	-1.97	-0.04	-0.02	1.93
		968	42.20	26.64	-0.41	26.48	-0.25	-2.05	1.70	-1.38	0.32	9.27e-03	1.53
1838	3	2010	5.56	1.01	-2.79	-1.57	-0.21	-1.77	0.09	-0.10	-0.02	9.24e-03	0.09
		2011	4.50	1.29	-1.52	-0.35	0.13	-1.39	0.12	-0.06	0.03	0.03	0.09
		967	3.04	0.23	-1.54	-1.38	0.06	-0.52	0.07	-0.11	-0.03	-8.51e-03	0.09
		968	4.07	2.91	-0.05	2.88	-0.02	-0.31	0.10	-0.08	0.02	6.00e-03	0.09
1838	4	2010	20.89	2.97	-7.79	-4.24	-0.58	-5.06	0.64	-0.52	0.01	0.12	0.58
		2011	17.92	3.69	-4.27	-0.81	0.23	-3.95	0.77	-0.39	0.08	0.29	0.57
		967	14.87	0.88	-2.89	-2.13	0.12	-1.51	0.68	-0.72	-0.03	-0.01	0.70
		968	15.77	10.02	-0.15	9.95	-0.08	-0.80	0.63	-0.50	0.12	5.85e-03	0.56
1839	1	2009	5.51	0.85	-3.26	-2.35	-0.06	-1.70	0.05	-0.06	-0.02	3.75e-03	-0.05
		2010	5.04	0.87	-2.92	-1.76	-0.29	-1.74	0.05	-0.06	7.33e-03	-0.01	-0.05
		968	3.60	2.75	0.05	2.70	0.10	-0.38	0.05	-0.09	-0.03	-7.80e-03	-0.07
		969	8.59	6.77	5.86e-03	6.76	0.02	-0.27	0.06	-0.05	4.02e-03	3.08e-03	-0.05
1839	2	2009	47.93	4.86	-20.64	-15.42	-0.35	-10.28	1.52	-1.20	0.04	0.27	1.36
		2010	47.95	4.90	-17.26	-10.76	-1.60	-10.09	1.75	-1.26	0.12	0.37	1.50
		968	44.69	27.26	0.15	27.01	0.40	-2.58	1.69	-1.49	0.18	0.01	1.59
		969	69.08	51.86	-0.12	51.81	-0.07	-1.56	1.43	-1.23	0.20	6.31e-03	1.33
1839	3	2009	4.88	0.61	-2.81	-2.17	-0.03	-1.33	0.09	-0.07	-8.36e-03	0.02	0.08
		2010	4.74	0.63	-2.39	-1.57	-0.20	-1.35	0.11	-0.07	0.01	0.02	0.09
		968	4.22	2.98	0.04	2.95	0.07	-0.31	0.09	-0.09	-2.30e-03	-2.73e-03	0.09
		969	7.93	6.22	2.45e-03	6.21	0.01	-0.24	0.09	-0.07	0.02	2.14e-03	0.08
1839	4	2009	17.95	1.80	-7.96	-6.04	-0.12	-3.88	0.55	-0.44	9.54e-03	0.10	0.50
		2010	17.91	1.82	-6.64	-4.23	-0.59	-3.82	0.64	-0.46	0.05	0.14	0.55
		968	16.62	10.25	0.07	10.15	0.16	-0.96	0.61	-0.55	0.06	3.74e-03	0.58
		969	25.97	19.58	-0.03	19.56	-0.01	-0.62	0.53	-0.45	0.07	3.10e-03	0.49
1840	1	2008	5.12	0.42	-3.25	-2.76	-0.07	-1.24	0.06	-0.06	-9.14e-03	0.01	-0.06
		2009	4.80	0.45	-3.05	-2.39	-0.21	-1.37	0.06	-0.05	4.31e-03	9.42e-03	-0.05
		969	8.54	6.82	0.07	6.81	0.08	-0.26	0.05	-0.06	-9.18e-03	-2.65e-03	-0.06
		970	12.41	9.83	0.03	9.83	0.03	-0.21	0.07	-0.06	7.07e-03	9.82e-04	-0.06
1840	2	2008	42.90	2.42	-22.29	-19.36	-0.51	-7.99	1.36	-0.96	0.07	0.33	1.16
		2009	43.99	2.60	-19.46	-15.68	-1.18	-8.31	1.55	-1.14	0.10	0.31	1.34
		969	68.94	52.25	0.22	52.17	0.30	-2.00	1.44	-1.26	0.17	7.96e-04	1.35
		970	93.29	71.98	-0.02	71.96	6.85e-03	-1.27	1.25	-1.04	0.22	2.25e-03	1.14
1840	3	2008	4.52	0.30	-3.01	-2.66	-0.05	-1.02	0.08	-0.05	-6.37e-04	0.03	0.06
		2009	4.49	0.33	-2.68	-2.20	-0.14	-1.10	0.09	-0.06	9.21e-03	0.03	0.08
		969	7.91	6.27	0.05	6.26	0.06	-0.23	0.08	-0.07	6.92e-03	-1.22e-03	0.08
		970	11.17	8.81	0.02	8.81	0.02	-0.19	0.07	-0.05	0.02	7.37e-04	0.06
1840	4	2008	16.18	0.89	-8.66	-7.58	-0.18	-3.02	0.50	-0.35	0.02	0.12	0.42
		2009	16.53	0.97	-7.54	-6.14	-0.43	-3.15	0.57	-0.42	0.04	0.11	0.49
		969	25.93	19.73	0.10	19.70	0.12	-0.74	0.52	-0.46	0.06	-1.99e-04	0.49
		970	35.21	27.23	5.10e-03	27.22	0.01	-0.51	0.46	-0.38	0.08	1.11e-03	0.42
1841	1	2007	4.93	0.18	-3.25	-3.00	-0.07	-0.90	0.08	-0.07	-4.17e-03	0.02	-0.07
		2008	4.71	0.20	-3.13	-2.79	-0.14	-1.01	0.07	-0.05	3.15e-03	0.02	-0.06
		970	12.37	9.86	0.06	9.86	0.07	-0.17	0.06	-0.06	7.04e-04	-1.07e-03	-0.06
		971	15.14	12.02	0.04	12.02	0.04	-0.16	0.08	-0.07	7.59e-03	4.08e-04	-0.07
1841	2	2007	39.27	1.02	-24.07	-22.46	-0.58	-6.14	1.18	-0.71	0.09	0.37	0.93
		2008	40.42	1.18	-21.62	-19.56	-0.88	-6.53	1.38	-0.93	0.11	0.34	1.15
		970	93.26	72.23	0.18	72.20	0.21	-1.56	1.25	-1.05	0.20	-1.37e-03	1.14
		971	112.42	87.60	0.05	87.58	0.06	-0.97	1.05	-0.81	0.24	5.02e-04	0.92
1841	3	2007	4.34	0.13	-3.21	-3.03	-0.06	-0.76	0.06	-0.03	3.45e-03	0.03	0.04



		2008	4.31	0.15	-2.94	-2.69	-0.10	-0.85	0.08	-0.04	8.26e-03	0.03	0.06
		970	11.16	8.84	0.05	8.84	0.05	-0.16	0.07	-0.06	0.01	-6.14e-04	0.06
		971	13.63	10.78	0.03	10.78	0.03	-0.15	0.05	-0.03	0.02	2.91e-04	0.04
1841	4	2007	14.95	0.38	-9.38	-8.80	-0.21	-2.31	0.43	-0.26	0.03	0.14	0.34
		2008	15.31	0.44	-8.42	-7.66	-0.32	-2.48	0.51	-0.34	0.04	0.13	0.42
		970	35.20	27.32	0.08	27.31	0.09	-0.58	0.46	-0.38	0.07	-7.02e-04	0.42
		971	42.50	33.17	0.03	33.17	0.03	-0.39	0.38	-0.30	0.09	3.19e-04	0.34
1842	1	2006	4.75	0.06	-3.20	-3.07	-0.06	-0.63	0.09	-0.08	-2.19e-03	0.02	-0.08
		2007	4.65	0.06	-3.18	-3.01	-0.10	-0.71	0.08	-0.06	2.28e-03	0.02	-0.07
		971	15.12	12.03	0.05	12.03	0.05	-0.10	0.07	-0.07	4.33e-03	-5.45e-04	-0.07
		972	16.96	13.48	0.04	13.48	0.04	-0.10	0.09	-0.08	6.64e-03	1.87e-04	-0.08
1842	2	2006	36.54	0.22	-25.58	-24.77	-0.59	-4.49	0.96	-0.45	0.11	0.41	0.69
		2007	37.49	0.29	-23.64	-22.61	-0.74	-4.85	1.19	-0.69	0.11	0.38	0.93
		971	112.45	87.78	0.15	87.76	0.17	-1.20	1.05	-0.82	0.23	-1.32e-03	0.92
		972	126.62	99.13	0.08	99.12	0.08	-0.67	0.82	-0.57	0.26	-8.42e-05	0.68
1842	3	2006	4.25	0.04	-3.36	-3.27	-0.06	-0.55	0.05	-6.21e-03	5.59e-03	0.03	0.02
		2007	4.22	0.05	-3.17	-3.05	-0.08	-0.62	0.06	-0.02	8.11e-03	0.03	0.04
		971	13.63	10.80	0.04	10.80	0.04	-0.11	0.05	-0.03	0.02	-3.46e-04	0.04
		972	15.40	12.19	0.03	12.19	0.03	-0.11	0.03	-0.01	0.02	1.19e-04	0.02
1842	4	2006	14.06	0.08	-9.99	-9.70	-0.21	-1.69	0.35	-0.16	0.04	0.15	0.25
		2007	14.34	0.12	-9.24	-8.85	-0.27	-1.85	0.43	-0.25	0.04	0.14	0.34
		971	42.52	33.24	0.07	33.24	0.07	-0.44	0.38	-0.30	0.08	-5.74e-04	0.34
		972	47.93	37.57	0.04	37.56	0.04	-0.28	0.30	-0.21	0.09	3.88e-05	0.25
1843	1	2005	4.50	3.64e-03	-3.06	-3.01	-0.05	-0.41	0.10	-0.09	-1.94e-03	0.01	-0.09
		2006	4.53	-7.76e-03	-3.15	-3.08	-0.07	-0.45	0.09	-0.07	1.30e-03	0.02	-0.08
		972	16.94	13.49	0.05	13.49	0.05	-0.05	0.09	-0.08	4.88e-03	-3.28e-04	-0.08
		973	18.01	14.34	0.04	14.34	0.04	-0.06	0.09	-0.09	4.46e-03	7.38e-05	-0.09
1843	2	2005	34.59	-0.26	-26.64	-26.31	-0.59	-2.95	0.73	-0.19	0.12	0.42	0.43
		2006	35.26	-0.23	-25.31	-24.87	-0.66	-3.28	0.97	-0.44	0.12	0.41	0.69
		972	126.67	99.25	0.13	99.25	0.14	-0.87	0.82	-0.57	0.25	-1.07e-03	0.68
		973	136.10	106.82	0.09	106.82	0.10	-0.37	0.58	-0.32	0.27	-3.27e-04	0.43
1843	3	2005	4.39	-0.01	-3.44	-3.40	-0.05	-0.36	0.03	6.54e-03	6.55e-03	0.03	2.40e-04
		2006	4.19	-0.01	-3.34	-3.28	-0.06	-0.42	0.05	-3.89e-03	8.07e-03	0.03	0.02
		972	15.40	12.20	0.04	12.20	0.04	-0.07	0.03	-0.01	0.02	-2.19e-04	0.02
		973	16.54	13.10	0.03	13.10	0.03	-0.07	0.02	2.93e-05	0.02	3.42e-05	3.09e-04
1843	4	2005	13.44	-0.09	-10.42	-10.30	-0.21	-1.11	0.26	-0.07	0.04	0.16	0.16
		2006	13.62	-0.08	-9.90	-9.74	-0.24	-1.26	0.35	-0.16	0.04	0.15	0.25
		972	47.95	37.62	0.06	37.61	0.07	-0.31	0.30	-0.21	0.09	-4.38e-04	0.25
		973	51.55	40.50	0.05	40.50	0.05	-0.16	0.21	-0.11	0.10	-8.47e-05	0.15
1844	1	2004	4.13	-0.03	-2.83	-2.81	-0.04	-0.22	0.10	-0.10	-2.89e-03	9.22e-03	-0.10
		2005	4.30	-0.04	-3.03	-3.01	-0.06	-0.24	0.10	-0.09	-3.59e-05	0.01	-0.09
		973	17.99	14.34	0.04	14.34	0.04	5.61e-04	0.09	-0.09	3.46e-03	-2.24e-04	-0.09
		974	18.40	14.67	0.04	14.67	0.04	-0.02	0.10	-0.10	1.10e-03	1.24e-05	-0.10
1844	2	2004	34.48	-0.52	-27.17	-27.09	-0.60	-1.46	0.50	0.05	0.12	0.43	0.17
		2005	33.78	-0.51	-26.49	-26.37	-0.63	-1.76	0.73	-0.18	0.12	0.43	0.43
		973	136.14	106.90	0.12	106.89	0.13	-0.57	0.58	-0.32	0.26	-8.99e-04	0.43
		974	140.98	110.79	0.11	110.79	0.11	-0.07	0.35	-0.08	0.27	-4.56e-04	0.17
1844	3	2004	4.40	-0.04	-3.42	-3.42	-0.05	-0.18	0.04	-4.84e-03	6.65e-03	0.03	-0.02
		2005	4.35	-0.04	-3.42	-3.41	-0.06	-0.23	0.03	7.87e-03	7.87e-03	0.03	1.33e-04
		973	16.54	13.11	0.04	13.11	0.04	-0.03	0.02	-1.57e-04	0.02	-1.54e-04	2.28e-04
		974	17.09	13.54	0.03	13.54	0.03	-0.03	0.03	-0.01	0.02	-1.23e-05	-0.02
1844	4	2004	13.50	-0.19	-10.64	-10.61	-0.22	-0.54	0.18	0.02	0.04	0.16	0.06
		2005	13.17	-0.18	-10.37	-10.33	-0.23	-0.68	0.27	-0.06	0.04	0.16	0.16
		973	51.57	40.53	0.06	40.53	0.06	-0.20	0.21	-0.11	0.10	-3.54e-04	0.15
		974	53.42	42.02	0.05	42.02	0.05	-0.05	0.13	-0.03	0.10	-1.51e-04	0.06
1845	1	2003	3.63	-0.04	-2.49	-2.49	-0.04	-0.05	0.10	-0.11	-4.78e-03	2.80e-03	-0.10
		2004	3.95	-0.04	-2.81	-2.81	-0.04	-0.05	0.10	-0.10	-1.87e-03	9.51e-03	-0.10
		974	18.38	14.67	0.04	14.67	0.04	0.04	0.10	-0.10	4.96e-04	-1.67e-04	-0.10
		975	18.28	14.55	0.04	14.55	0.04	0.02	0.10	-0.10	-3.46e-03	-2.23e-05	-0.10
1845	2	2003	34.53	-0.62	-27.14	-27.14	-0.62	0.04	0.45	0.09	0.12	0.42	-0.10
		2004	34.54	-0.61	-27.12	-27.12	-0.61	-0.28	0.50	0.05	0.12	0.43	0.17
		974	140.99	110.83	0.12	110.82	0.12	-0.27	0.35	-0.08	0.27	-8.06e-04	0.17
		975	141.27	111.09	0.12	111.09	0.12	0.23	0.29	-0.03	0.26	-5.39e-04	-0.09
1845	3	2003	4.27	-0.05	-3.32	-3.32	-0.05	-3.23e-03	0.06	-0.02	6.07e-03	0.03	-0.04
		2004	4.36	-0.05	-3.42	-3.42	-0.05	-0.05	0.05	-4.29e-03	7.32e-03	0.03	-0.02
		974	17.08	13.54	0.03	13.54	0.03	0.01	0.03	-0.01	0.02	-1.19e-04	-0.02
		975	17.07	13.54	0.03	13.54	0.03	3.12e-03	0.05	-0.03	0.02	-3.99e-05	-0.04
1845	4	2003	13.52	-0.22	-10.63	-10.63	-0.22	0.02	0.17	0.03	0.04	0.15	-0.04
		2004	13.52	-0.22	-10.62	-10.62	-0.22	-0.12	0.18	0.02	0.04	0.16	0.06
		974	53.43	42.04	0.06	42.03	0.06	-0.08	0.12	-0.03	0.10	-3.08e-04	0.06
		975	53.55	42.14	0.06	42.14	0.06	0.06	0.11	-0.01	0.10	-1.93e-04	-0.04
1846	1	2002	3.17	-0.03	-2.07	-2.07	-0.04	0.11	0.10	-0.11	-7.44e-03	-5.14e-03	-0.10
		2003	3.60	-0.03	-2.49	-2.48	-0.04	0.12	0.10	-0.11	-4.32e-03	2.93e-03	-0.10
		975	18.28	14.54	0.04	14.54	0.04	0.08	0.10	-0.11	-3.82e-03	-1.28e-04	-0.10
		976	17.66	14.01	0.04	14.01	0.04	0.05	0.10	-0.11	-9.18e-03	-4.76e-05	-0.10
1846	2	2002	33.65	-0.55	-26.55	-26.46	-0.65	1.58	0.64	-0.12	0.11	0.40	-0.35
		2003	34.48	-0.56	-27.18	-27.12	-0.62	1.22	0.45	0.09	0.12	0.42	-0.10



		975	141.25	111.07	0.11	111.07	0.11	0.03	0.29	-0.03	0.26	-7.57e-04	-0.10
		976	136.91	107.66	0.12	107.66	0.13	0.53	0.49	-0.24	0.25	-6.15e-04	-0.35
1846	3	2002	4.04	-0.04	-3.14	-3.13	-0.05	0.17	0.08	-0.04	4.91e-03	0.03	-0.06
		2003	4.23	-0.05	-3.33	-3.32	-0.05	0.12	0.06	-0.02	6.34e-03	0.03	-0.04
		975	17.06	13.53	0.03	13.53	0.03	0.05	0.05	-0.03	0.02	-9.52e-05	-0.04
		976	16.49	13.09	0.04	13.09	0.04	0.04	0.07	-0.05	0.01	-6.11e-05	-0.06
1846	4	2002	13.17	-0.20	-10.39	-10.36	-0.23	0.61	0.24	-0.05	0.04	0.15	-0.13
		2003	13.50	-0.20	-10.64	-10.62	-0.22	0.45	0.17	0.03	0.04	0.15	-0.04
		975	53.54	42.13	0.05	42.13	0.05	0.03	0.11	-0.01	0.10	-2.82e-04	-0.04
		976	51.89	40.84	0.06	40.84	0.06	0.18	0.18	-0.09	0.09	-2.29e-04	-0.13
1847	1	2001	2.90	5.61e-03	-1.60	-1.55	-0.05	0.29	0.09	-0.11	-0.01	-0.01	-0.10
		2002	3.39	1.05e-03	-2.09	-2.05	-0.04	0.28	0.10	-0.11	-7.45e-03	-5.16e-03	-0.10
		976	17.66	14.00	0.04	13.99	0.04	0.11	0.10	-0.11	-9.34e-03	-8.91e-05	-0.10
		977	16.51	13.04	0.05	13.04	0.05	0.09	0.09	-0.10	-0.02	-7.83e-05	-0.10
1847	2	2001	34.54	-0.28	-25.45	-25.04	-0.69	3.18	0.84	-0.37	0.10	0.37	-0.59
		2002	34.10	-0.34	-26.69	-26.40	-0.63	2.76	0.64	-0.12	0.11	0.40	-0.35
		976	136.86	107.59	0.11	107.59	0.11	0.33	0.49	-0.24	0.25	-7.14e-04	-0.35
		977	127.76	100.39	0.13	100.38	0.14	0.84	0.71	-0.48	0.23	-7.23e-04	-0.58
1847	3	2001	3.98	-0.01	-2.88	-2.84	-0.06	0.36	0.09	-0.06	3.24e-03	0.02	-0.07
		2002	4.12	-0.02	-3.15	-3.12	-0.05	0.30	0.08	-0.04	4.84e-03	0.03	-0.06
		976	16.48	13.08	0.03	13.08	0.03	0.08	0.07	-0.05	0.01	-7.23e-05	-0.06
		977	15.35	12.19	0.04	12.19	0.04	0.08	0.08	-0.07	0.01	-8.63e-05	-0.07
1847	4	2001	13.41	-0.10	-9.95	-9.80	-0.25	1.22	0.31	-0.14	0.04	0.13	-0.22
		2002	13.30	-0.12	-10.44	-10.34	-0.23	1.03	0.24	-0.05	0.04	0.15	-0.13
		976	51.87	40.81	0.05	40.81	0.05	0.15	0.18	-0.09	0.09	-2.57e-04	-0.13
		977	48.41	38.07	0.06	38.07	0.06	0.30	0.26	-0.18	0.08	-2.77e-04	-0.22
1848	1	2000	2.70	0.15	-1.16	-0.95	-0.06	0.49	0.07	-0.11	-0.01	-0.03	-0.09
		2001	3.17	0.09	-1.66	-1.53	-0.04	0.46	0.08	-0.11	-0.01	-0.01	-0.10
		977	16.51	13.02	0.04	13.02	0.04	0.15	0.09	-0.10	-0.02	-3.50e-05	-0.10
		978	14.81	11.62	0.05	11.62	0.05	0.13	0.07	-0.10	-0.02	-1.32e-04	-0.08
1848	2	2000	36.40	0.29	-23.91	-22.88	-0.74	4.89	1.02	-0.61	0.09	0.32	-0.80
		2001	35.71	0.10	-25.70	-24.94	-0.66	4.36	0.84	-0.37	0.10	0.37	-0.59
		977	127.67	100.27	0.10	100.27	0.10	0.65	0.71	-0.48	0.23	-6.31e-04	-0.58
		978	113.57	89.10	0.14	89.09	0.15	1.18	0.89	-0.70	0.20	-9.14e-04	-0.79
1848	3	2000	3.95	0.06	-2.58	-2.45	-0.07	0.56	0.09	-0.08	1.14e-03	0.02	-0.09
		2001	4.10	0.03	-2.91	-2.83	-0.06	0.48	0.09	-0.06	2.73e-03	0.02	-0.07
		977	15.33	12.18	0.03	12.18	0.03	0.12	0.08	-0.07	0.01	-3.85e-05	-0.07
		978	13.60	10.82	0.04	10.82	0.04	0.12	0.09	-0.08	5.57e-03	-1.28e-04	-0.08
1848	4	2000	14.01	0.11	-9.33	-8.95	-0.27	1.86	0.38	-0.23	0.03	0.12	-0.30
		2001	13.82	0.04	-10.04	-9.76	-0.24	1.64	0.31	-0.14	0.04	0.13	-0.22
		977	48.37	38.03	0.05	38.03	0.05	0.27	0.26	-0.18	0.08	-2.15e-04	-0.22
		978	43.01	33.78	0.07	33.77	0.07	0.43	0.33	-0.26	0.07	-3.60e-04	-0.29
1849	1	1999	2.68	0.56	-0.91	-0.27	-0.08	0.73	0.04	-0.09	-0.02	-0.04	-0.07
		2000	3.02	0.30	-1.28	-0.92	-0.05	0.66	0.07	-0.11	-0.02	-0.03	-0.09
		978	14.80	11.60	0.04	11.60	0.04	0.18	0.07	-0.10	-0.02	5.70e-05	-0.08
		979	12.46	9.69	0.05	9.68	0.05	0.17	0.05	-0.08	-0.03	-2.36e-04	-0.06
1849	2	1999	38.89	1.31	-22.10	-19.98	-0.81	6.72	1.15	-0.82	0.07	0.26	-0.98
		2000	37.97	0.86	-24.30	-22.74	-0.70	6.07	1.01	-0.61	0.08	0.32	-0.80
		978	113.45	88.93	0.09	88.92	0.10	0.98	0.90	-0.70	0.20	-4.38e-04	-0.79
		979	94.05	73.55	0.14	73.52	0.17	1.53	1.05	-0.89	0.15	-1.27e-03	-0.97
1849	3	1999	3.98	0.20	-2.25	-1.97	-0.08	0.78	0.10	-0.09	-1.26e-03	7.44e-03	-0.09
		2000	4.11	0.12	-2.62	-2.43	-0.06	0.68	0.09	-0.08	-8.19e-05	0.01	-0.09
		978	13.57	10.80	0.03	10.80	0.03	0.16	0.09	-0.08	6.03e-03	2.27e-05	-0.08
		979	11.29	8.94	0.04	8.94	0.04	0.16	0.09	-0.09	-3.48e-04	-2.06e-04	-0.09
1849	4	1999	14.83	0.49	-8.60	-7.81	-0.30	2.56	0.43	-0.31	0.03	0.10	-0.36
		2000	14.56	0.32	-9.47	-8.90	-0.25	2.29	0.37	-0.23	0.03	0.12	-0.30
		978	42.96	33.71	0.05	33.71	0.05	0.39	0.33	-0.26	0.07	-1.24e-04	-0.29
		979	35.58	27.86	0.07	27.85	0.08	0.56	0.39	-0.33	0.05	-5.13e-04	-0.36
1850	1	1998	2.93	1.23	-0.89	0.45	-0.11	1.02	5.47e-03	-0.08	-0.02	-0.05	-0.04
		1999	3.05	0.74	-1.06	-0.25	-0.07	0.90	0.04	-0.10	-0.02	-0.04	-0.07
		979	12.44	9.66	0.04	9.66	0.04	0.23	0.05	-0.08	-0.03	2.24e-04	-0.06
		980	9.36	7.15	0.05	7.14	0.06	0.22	0.02	-0.07	-0.04	-4.50e-04	-0.04
1850	2	1998	41.92	3.03	-20.24	-16.31	-0.90	8.73	1.24	-1.00	0.05	0.18	-1.12
		1999	40.78	2.11	-22.65	-19.79	-0.75	7.91	1.15	-0.83	0.06	0.26	-0.98
		979	93.92	73.32	0.08	73.30	0.10	1.32	1.05	-0.89	0.16	-1.03e-05	-0.97
		980	69.20	53.40	0.12	53.33	0.19	1.91	1.15	-1.05	0.10	-1.96e-03	-1.10
1850	3	1998	4.11	0.47	-1.97	-1.41	-0.09	1.03	0.09	-0.10	-3.76e-03	-1.73e-03	-0.09
		1999	4.18	0.30	-2.31	-1.95	-0.07	0.91	0.09	-0.09	-3.80e-03	6.67e-03	-0.09
		979	11.27	8.91	0.03	8.91	0.03	0.20	0.09	-0.09	7.19e-04	1.39e-04	-0.09
		980	8.38	6.50	0.04	6.49	0.05	0.21	0.09	-0.10	-7.53e-03	-3.61e-04	-0.09
1850	4	1998	15.87	1.13	-7.84	-6.37	-0.33	3.31	0.46	-0.37	0.02	0.07	-0.41
		1999	15.50	0.77	-8.79	-7.74	-0.27	2.98	0.42	-0.31	0.02	0.09	-0.36
		979	35.52	27.77	0.04	27.76	0.05	0.53	0.39	-0.33	0.06	6.97e-05	-0.36
		980	26.14	20.20	0.06	20.18	0.09	0.71	0.43	-0.39	0.03	-8.09e-04	-0.41
1851	1	1997	3.45	2.08	-1.00	1.22	-0.14	1.38	-0.03	-0.06	-0.03	-0.06	-3.71e-03
		1998	3.34	1.43	-1.03	0.49	-0.09	1.20	1.36e-03	-0.08	-0.03	-0.05	-0.04
		980	9.32	7.12	0.03	7.11	0.04	0.27	0.02	-0.06	-0.04	5.33e-04	-0.04



		981	5.37	3.90	0.05	3.88	0.07	0.27	-8.65e-04	-0.06	-0.06	-9.23e-04	-1.80e-03
1851	2	1997	45.43	5.77	-18.63	-11.84	-1.02	10.93	1.26	-1.14	0.03	0.09	-1.20
		1998	44.08	4.08	-20.96	-16.07	-0.81	9.93	1.23	-1.02	0.03	0.18	-1.12
		980	68.76	53.11	0.04	53.06	0.10	1.70	1.16	-1.05	0.11	9.44e-04	-1.10
		981	42.33	28.31	0.03	28.12	0.22	2.32	1.20	-1.17	0.03	-3.40e-03	-1.18
1851	3	1997	4.39	0.92	-1.79	-0.76	-0.11	1.32	0.08	-0.10	-5.97e-03	-0.01	-0.09
		1998	4.35	0.60	-2.06	-1.38	-0.08	1.16	0.09	-0.10	-8.75e-03	-3.22e-03	-0.09
		980	8.35	6.46	0.02	6.46	0.03	0.25	0.09	-0.09	-5.29e-03	3.67e-04	-0.09
		981	4.81	3.43	0.03	3.41	0.05	0.26	0.08	-0.10	-0.02	-6.93e-04	-0.09
1851	4	1997	17.10	2.16	-7.16	-4.63	-0.37	4.15	0.47	-0.42	0.01	0.03	-0.44
		1998	16.63	1.51	-8.08	-6.28	-0.30	3.75	0.45	-0.38	8.59e-03	0.06	-0.42
		980	25.98	20.09	0.03	20.07	0.05	0.67	0.43	-0.39	0.04	4.88e-04	-0.41
		981	15.87	10.67	0.02	10.60	0.10	0.86	0.44	-0.43	9.83e-03	-1.43e-03	-0.44
1852	1	1996	5.43	3.04	-1.21	2.01	-0.19	1.82	-5.19e-03	-0.10	-0.03	-0.08	0.04
		1997	3.91	2.29	-1.14	1.26	-0.11	1.57	-0.04	-0.07	-0.04	-0.07	-5.67e-03
		981	5.29	3.87	0.02	3.84	0.04	0.32	1.16e-03	-0.05	-0.05	1.13e-03	-1.26e-03
		982	1.79	0.29	-0.47	-0.26	0.08	0.34	0.02	-0.09	-0.07	-2.13e-03	0.04
1852	2	1996	49.37	9.80	-17.49	-6.53	-1.16	13.38	1.22	-1.22	7.24e-03	-0.02	-1.22
		1997	47.88	7.07	-19.50	-11.54	-0.88	12.17	1.24	-1.18	-0.02	0.08	-1.21
		981	41.63	27.94	-0.06	27.78	0.09	2.10	1.21	-1.16	0.05	3.37e-03	-1.18
		982	25.70	1.95	-4.34	-2.64	0.26	2.79	1.17	-1.23	-0.05	-6.97e-03	-1.20
1852	3	1996	4.80	1.56	-1.73	-0.03	-0.14	1.64	0.06	-0.09	-7.17e-03	-0.02	-0.08
		1997	4.68	1.08	-1.89	-0.72	-0.09	1.45	0.08	-0.11	-0.02	-0.02	-0.09
		981	4.77	3.40	6.53e-03	3.37	0.03	0.30	0.08	-0.09	-0.01	8.55e-04	-0.09
		982	1.91	0.22	-0.54	-0.37	0.06	0.32	0.06	-0.09	-0.03	-1.52e-03	-0.07
1852	4	1996	18.53	3.69	-6.67	-2.56	-0.43	5.07	0.45	-0.45	3.50e-03	-5.69e-03	-0.45
		1997	17.98	2.63	-7.46	-4.51	-0.32	4.59	0.46	-0.44	-8.49e-03	0.03	-0.45
		981	15.64	10.53	-0.02	10.46	0.05	0.82	0.45	-0.43	0.02	1.52e-03	-0.44
		982	9.53	0.71	-1.68	-1.08	0.11	1.04	0.43	-0.46	-0.02	-2.96e-03	-0.44
1853	1	1995	7.77	4.06	-1.50	2.81	-0.25	2.32	0.04	-0.17	-0.03	-0.10	0.10
		1996	5.71	3.28	-1.35	2.06	-0.12	2.04	-0.03	-0.11	-0.05	-0.09	0.04
		982	1.83	0.29	-0.56	-0.31	0.04	0.38	0.03	-0.08	-0.06	2.49e-03	0.04
		983	8.19	0.12	-5.47	-5.43	0.09	0.43	0.06	-0.17	-0.10	-5.90e-03	0.11
1853	2	1995	53.66	15.24	-16.90	-0.30	-1.36	16.06	1.10	-1.23	-2.70e-04	-0.14	-1.16
		1996	52.22	11.37	-18.49	-6.17	-0.94	14.70	1.17	-1.29	-0.08	-0.04	-1.23
		982	25.23	1.49	-4.47	-3.07	0.09	2.53	1.20	-1.20	-0.01	0.01	-1.20
		983	54.64	0.55	-39.86	-39.59	0.28	3.33	1.05	-1.23	-0.16	-0.02	-1.14
1853	3	1995	5.32	2.36	-1.76	0.77	-0.17	2.01	0.03	-0.08	-5.69e-03	-0.04	-0.05
		1996	5.18	1.76	-1.84	0.02	-0.10	1.80	0.05	-0.11	-0.03	-0.03	-0.08
		982	2.00	0.22	-0.61	-0.43	0.03	0.35	0.07	-0.08	-0.02	2.18e-03	-0.07
		983	6.65	0.09	-4.99	-4.96	0.06	0.38	0.03	-0.08	-0.05	-4.13e-03	-0.05
1853	4	1995	20.12	5.76	-6.41	-0.15	-0.50	6.08	0.41	-0.45	2.68e-03	-0.05	-0.43
		1996	19.56	4.26	-7.03	-2.42	-0.34	5.55	0.43	-0.48	-0.03	-0.02	-0.45
		982	9.45	0.58	-1.77	-1.24	0.05	0.98	0.44	-0.44	-4.03e-03	4.77e-03	-0.44
		983	20.68	0.22	-15.19	-15.08	0.12	1.24	0.38	-0.46	-0.06	-7.84e-03	-0.42
1854	1	1994	10.59	5.14	-1.77	3.65	-0.29	2.84	0.09	-0.29	-0.02	-0.17	0.18
		1995	8.10	4.40	-1.67	2.86	-0.14	2.64	-1.09e-03	-0.19	-0.08	-0.11	0.10
		983	8.04	0.09	-5.54	-5.51	0.05	0.44	0.07	-0.14	-0.07	6.59e-03	0.10
		984	16.89	0.09	-11.87	-11.85	0.07	0.56	0.14	-0.31	-0.16	-0.02	0.21
1854	2	1994	58.04	22.17	-16.47	7.13	-1.43	18.84	0.94	-1.14	0.05	-0.25	-1.03
		1995	57.28	17.17	-18.18	0.07	-1.09	17.66	0.97	-1.37	-0.19	-0.21	-1.17
		983	55.49	0.44	-40.32	-40.10	0.22	2.97	1.14	-1.17	-0.07	0.04	-1.15
		984	107.38	0.24	-83.74	-83.55	0.05	4.04	0.78	-1.16	-0.32	-0.06	-0.96
1854	3	1994	5.82	3.30	-1.82	1.67	-0.19	2.39	9.87e-03	-0.08	4.11e-03	-0.07	-0.02
		1995	5.87	2.61	-1.91	0.82	-0.11	2.21	7.72e-03	-0.11	-0.05	-0.05	-0.06
		983	6.58	0.08	-5.06	-5.03	0.05	0.40	0.05	-0.07	-0.02	6.91e-03	-0.05
		984	13.83	0.06	-10.50	-10.48	0.04	0.48	-0.01	-0.08	-0.08	-0.01	-1.87e-03
1854	4	1994	21.77	8.39	-6.22	2.70	-0.53	7.13	0.35	-0.42	0.02	-0.09	-0.38
		1995	21.46	6.47	-6.87	-7.96e-03	-0.39	6.66	0.35	-0.51	-0.08	-0.08	-0.43
		983	21.09	0.18	-15.37	-15.28	0.09	1.15	0.42	-0.43	-0.02	0.02	-0.43
		984	40.81	0.10	-31.79	-31.72	0.03	1.51	0.28	-0.43	-0.13	-0.03	-0.35
1855	1	1993	13.67	6.54	-1.19	5.12	0.23	2.99	0.14	-0.50	3.32e-03	-0.37	0.26
		1994	11.55	5.58	-2.40	3.60	-0.42	3.44	9.61e-03	-0.37	-0.16	-0.20	0.19
		984	16.75	0.24	-11.96	-11.94	0.22	0.50	0.14	-0.24	-0.12	0.02	0.18
		985	27.67	-0.27	-19.93	-19.89	-0.31	0.90	0.32	-0.52	-0.18	-0.02	0.41
1855	2	1993	59.92	31.49	-12.61	18.42	0.45	20.14	0.87	-0.88	0.29	-0.31	-0.82
		1994	64.09	24.34	-19.86	6.88	-2.40	21.60	0.54	-1.44	-0.45	-0.44	-0.99
		984	107.70	1.67	-84.10	-83.98	1.55	3.23	1.13	-1.05	-0.06	0.14	-1.08
		985	174.09	-2.34	-136.79	-136.52	-2.62	6.04	0.22	-1.03	-0.62	-0.18	-0.58
1855	3	1993	7.57	4.49	-1.34	3.02	0.12	2.53	0.05	-0.14	0.04	-0.14	0.02
		1994	6.78	3.60	-2.27	1.63	-0.31	2.77	-0.09	-0.11	-0.10	-0.10	-0.01
		984	13.75	0.22	-10.56	-10.54	0.20	0.44	0.03	-0.05	-0.03	0.02	-0.03
		985	22.51	-0.26	-17.20	-17.17	-0.29	0.74	0.04	-0.18	-0.12	-0.03	0.10
1855	4	1993	22.45	11.90	-4.75	6.96	0.19	7.61	0.33	-0.32	0.13	-0.13	-0.30
		1994	24.02	9.19	-7.48	2.60	-0.89	8.15	0.18	-0.54	-0.19	-0.17	-0.36
		984	40.86	0.64	-31.93	-31.88	0.60	1.24	0.43	-0.38	-0.02	0.06	-0.40
		985	66.08	-0.88	-51.83	-51.73	-0.98	2.26	0.05	-0.38	-0.25	-0.08	-0.19



1856	1	193	17.97	13.14	1.32	12.75	1.71	-2.11	0.06	-0.60	0.02	-0.56	0.15
		1993	21.28	6.90	-5.70	3.03	-1.82	5.82	-0.15	-1.02	-0.47	-0.70	0.42
		985	31.80	2.40	-19.20	-19.17	2.37	-0.76	0.22	-1.03	-0.65	-0.16	0.58
		246	54.30	-4.26	-32.96	-31.81	-5.41	5.61	2.00	0.92	1.95	0.97	-0.22
1856	2	193	72.27	52.62	6.16	52.34	6.44	3.58	0.50	-1.23	0.50	-1.23	-0.06
		1993	85.27	35.00	-31.47	10.59	-7.06	32.04	4.25e-03	-1.57	-0.99	-0.58	-0.76
		985	179.32	15.90	-134.19	-134.17	15.89	-1.52	0.72	-1.08	-0.13	-0.23	-0.90
		246	258.62	-28.79	-208.86	-206.16	-31.49	21.87	0.97	-1.18	-1.16	0.96	-0.18
1856	3	193	11.75	8.05	0.96	8.03	0.98	-0.35	0.08	-0.34	0.07	-0.33	0.05
		1993	11.45	4.89	-4.23	1.74	-1.08	4.33	-0.20	-0.37	-0.27	-0.29	0.08
		985	24.07	2.03	-16.76	-16.75	2.02	-0.35	-0.01	-0.30	-0.23	-0.08	0.12
		246	35.78	-3.66	-26.88	-26.35	-4.18	3.46	0.63	0.41	0.58	0.45	-0.09
1856	4	193	27.89	19.86	2.28	19.76	2.38	1.34	0.22	-0.53	0.21	-0.53	-0.01
		1993	31.95	13.22	-11.87	3.99	-2.63	12.10	-0.06	-0.62	-0.43	-0.26	-0.27
		985	68.08	6.03	-50.83	-50.82	6.03	-0.58	0.23	-0.41	-0.08	-0.10	-0.32
		246	97.25	-10.89	-79.03	-78.01	-11.91	8.28	0.46	-0.35	-0.34	0.45	-0.07
1857	1	1973	18.68	2.33	-5.51	-2.37	-0.81	-3.84	0.07	-1.06	-0.43	-0.56	-0.56
		168	10.14	6.09	-0.75	5.00	0.34	2.50	0.16	-0.36	0.14	-0.35	-0.09
		190	26.76	0.43	-9.80	-7.35	-2.02	-4.36	1.99	0.81	1.98	0.82	0.11
		986	12.63	1.37	0.07	0.94	0.50	0.61	0.36	-0.96	-0.51	-0.09	-0.62
1857	2	1973	102.83	22.24	-52.73	-17.14	-13.35	-37.43	1.86	-0.72	-4.10e-03	1.15	1.15
		168	100.29	75.97	-0.48	65.13	10.36	26.66	0.35	-0.50	0.34	-0.48	0.11
		190	164.63	6.57	-103.24	-77.75	-18.92	-46.36	-0.37	-4.27	-4.24	-0.41	-0.38
		986	41.70	13.17	0.02	9.84	3.35	5.72	2.02	-1.13	1.09	-0.20	1.44
1857	3	1973	11.04	2.34	-5.81	-2.21	-1.26	-4.05	-0.03	-0.24	-0.16	-0.11	-0.10
		168	10.99	7.71	-0.39	6.52	0.80	2.87	0.09	-0.18	0.08	-0.18	-0.02
		190	16.19	0.72	-11.02	-8.23	-2.07	-5.00	0.36	0.27	0.35	0.27	9.74e-03
		986	3.59	1.51	0.03	1.13	0.41	0.65	0.03	-0.17	-0.09	-0.05	-0.10
1857	4	1973	38.05	8.25	-19.80	-6.59	-4.97	-14.00	0.64	-0.28	-0.04	0.40	0.41
		168	37.80	28.42	-0.31	24.34	3.77	10.03	0.15	-0.22	0.14	-0.22	0.04
		190	61.11	2.54	-38.71	-29.09	-7.08	-17.44	-0.08	-1.50	-1.49	-0.09	-0.14
		986	15.22	5.01	0.02	3.77	1.26	2.16	0.71	-0.42	0.38	-0.09	0.51
1858	1	1972	10.99	1.09	-3.18	-1.88	-0.21	-1.96	0.31	-0.48	-0.10	-0.07	-0.39
		1973	9.52	1.25	-2.20	-0.90	-0.05	-1.67	0.30	-0.45	0.06	-0.21	-0.35
		986	9.67	0.87	-0.31	0.48	0.08	-0.56	0.47	-0.58	-0.08	-0.03	-0.52
		987	8.85	5.10	-0.02	5.08	-2.00e-03	-0.29	0.36	-0.36	-0.02	0.02	-0.36
1858	2	1972	60.35	14.68	-28.95	-12.30	-1.97	-21.20	0.81	-0.83	-0.14	0.12	0.81
		1973	51.67	17.27	-17.52	-1.13	0.88	-17.37	1.29	-0.43	0.34	0.53	0.86
		986	28.30	8.36	-3.73	4.28	0.35	-5.72	0.82	-1.06	-0.15	-0.09	0.94
		987	69.32	53.61	-0.55	53.41	-0.36	-3.23	1.02	-0.71	0.25	0.07	0.86
1858	3	1972	6.32	1.40	-3.25	-1.64	-0.21	-2.21	0.03	-0.10	-0.05	-0.02	-0.07
		1973	4.81	1.67	-2.07	-0.48	0.08	-1.85	0.08	-0.05	0.05	-0.03	-0.05
		986	2.98	0.92	-0.33	0.53	0.07	-0.58	0.07	-0.14	-0.04	-0.02	-0.10
		987	7.35	5.72	-0.04	5.70	-0.02	-0.36	0.06	-0.04	0.01	0.02	-0.05
1858	4	1972	22.35	5.43	-10.89	-4.73	-0.73	-7.91	0.28	-0.31	-0.07	0.04	0.29
		1973	19.17	6.42	-6.61	-0.55	0.35	-6.50	0.47	-0.15	0.14	0.19	0.31
		986	10.20	3.14	-1.35	1.65	0.15	-2.11	0.28	-0.38	-0.07	-0.04	0.33
		987	25.94	20.09	-0.20	20.02	-0.12	-1.23	0.37	-0.25	0.09	0.03	0.31
1859	1	1971	9.29	0.53	-2.89	-2.25	-0.11	-1.33	0.34	-0.39	-0.03	-0.01	-0.36
		1972	9.37	0.63	-2.76	-1.87	-0.26	-1.50	0.36	-0.37	0.02	-0.04	-0.37
		987	9.32	5.17	0.08	5.15	0.10	-0.30	0.36	-0.44	-0.06	-0.02	-0.40
		988	12.20	8.41	0.02	8.41	0.03	-0.21	0.36	-0.35	1.79e-03	7.71e-03	-0.36
1859	2	1971	52.72	9.73	-28.36	-18.01	-0.62	-16.94	0.75	-0.69	-0.05	0.11	0.72
		1972	52.32	10.76	-25.22	-12.37	-2.09	-17.24	0.97	-0.61	0.14	0.23	0.79
		987	70.43	54.57	0.25	54.29	0.52	-3.86	0.83	-0.81	0.04	-0.02	0.82
		988	119.15	94.41	-0.17	94.34	-0.10	-2.55	0.78	-0.64	0.12	0.03	0.71
1859	3	1971	5.53	0.87	-3.15	-2.20	-0.07	-1.70	0.05	-0.07	-0.02	2.98e-03	-0.06
		1972	5.13	0.99	-2.86	-1.64	-0.22	-1.79	0.07	-0.05	0.02	4.84e-03	-0.06
		987	7.33	5.81	0.06	5.79	0.08	-0.37	0.05	-0.08	-0.02	-9.85e-03	-0.07
		988	12.49	9.88	5.40e-03	9.87	0.01	-0.28	0.07	-0.05	9.74e-03	5.42e-03	-0.06
1859	4	1971	19.61	3.60	-10.70	-6.88	-0.22	-6.33	0.27	-0.25	-0.03	0.04	0.26
		1972	19.46	4.00	-9.51	-4.75	-0.76	-6.45	0.35	-0.22	0.05	0.08	0.28
		987	26.35	20.45	0.11	20.35	0.21	-1.42	0.29	-0.29	0.01	-0.01	0.29
		988	44.59	35.36	-0.05	35.33	-0.02	-0.98	0.28	-0.23	0.04	0.01	0.26
1860	1	1970	8.23	0.13	-2.74	-2.48	-0.13	-0.82	0.34	-0.37	-0.02	-0.01	-0.36
		1971	8.63	0.23	-2.73	-2.28	-0.21	-1.06	0.37	-0.36	6.37e-03	-2.68e-03	-0.36
		988	12.14	8.45	0.08	8.45	0.08	-0.19	0.35	-0.38	-0.02	-5.72e-03	-0.37
		989	14.47	10.57	0.04	10.57	0.04	-0.14	0.36	-0.36	-5.73e-03	2.51e-03	-0.36
1860	2	1970	47.63	5.45	-29.14	-22.77	-0.93	-13.42	0.70	-0.55	-1.06e-03	0.16	0.62
		1971	48.67	6.87	-27.00	-18.42	-1.71	-14.73	0.83	-0.59	0.08	0.17	0.71
		988	119.24	95.06	0.32	94.96	0.42	-3.08	0.74	-0.69	0.06	-8.46e-03	0.71
		989	160.72	127.73	-0.01	127.69	0.02	-2.08	0.67	-0.55	0.11	8.37e-03	0.61
1860	3	1970	5.14	0.43	-3.19	-2.66	-0.10	-1.28	0.07	-0.07	-9.42e-03	7.00e-03	-0.07
		1971	4.98	0.58	-3.01	-2.25	-0.18	-1.47	0.07	-0.05	8.49e-03	0.01	-0.06
		988	12.44	9.94	0.06	9.93	0.07	-0.28	0.06	-0.07	-5.17e-03	-2.97e-03	-0.06
		989	16.50	13.12	0.02	13.11	0.03	-0.23	0.07	-0.06	5.85e-03	1.76e-03	-0.07
1860	4	1970	17.78	2.01	-11.02	-8.67	-0.34	-5.01	0.25	-0.20	-3.76e-03	0.06	0.22



		1971	18.15	2.55	-10.21	-7.03	-0.63	-5.52	0.30	-0.21	0.03	0.06	0.25
		988	44.64	35.60	0.13	35.56	0.17	-1.13	0.26	-0.25	0.02	-3.78e-03	0.26
		989	60.16	47.83	6.81e-03	47.82	0.02	-0.80	0.24	-0.20	0.04	3.50e-03	0.22
1861	1	1969	7.23	-0.08	-2.59	-2.54	-0.14	-0.36	0.33	-0.37	-0.02	-0.02	-0.35
		1970	7.79	-0.02	-2.65	-2.50	-0.18	-0.61	0.36	-0.36	-1.62e-03	-5.64e-03	-0.36
		989	14.47	10.59	0.07	10.59	0.07	-0.09	0.35	-0.37	-0.02	-1.88e-03	-0.36
		990	15.68	11.64	0.05	11.64	0.05	-0.06	0.34	-0.36	-0.01	1.08e-03	-0.35
1861	2	1969	43.96	2.54	-30.04	-26.42	-1.08	-10.25	0.62	-0.40	0.03	0.20	0.50
		1970	45.21	3.80	-28.32	-23.08	-1.44	-11.87	0.73	-0.49	0.06	0.18	0.61
		989	160.84	128.16	0.27	128.12	0.32	-2.42	0.65	-0.57	0.09	-3.97e-03	0.61
		990	193.36	153.78	0.09	153.77	0.10	-1.59	0.56	-0.43	0.13	2.88e-03	0.49
1861	3	1969	4.88	0.15	-3.24	-2.98	-0.11	-0.90	0.07	-0.07	-5.44e-03	7.30e-03	-0.07
		1970	4.83	0.27	-3.11	-2.69	-0.15	-1.11	0.08	-0.06	3.78e-03	0.01	-0.07
		989	16.48	13.16	0.05	13.15	0.06	-0.20	0.07	-0.07	-8.30e-04	-1.08e-03	-0.07
		990	19.42	15.48	0.03	15.48	0.04	-0.16	0.08	-0.07	3.51e-03	7.07e-04	-0.07
1861	4	1969	16.50	0.94	-11.39	-10.06	-0.39	-3.83	0.22	-0.14	8.16e-03	0.07	0.18
		1970	16.93	1.42	-10.73	-8.79	-0.52	-4.45	0.26	-0.18	0.02	0.07	0.22
		989	60.19	47.99	0.11	47.98	0.13	-0.89	0.23	-0.21	0.03	-1.70e-03	0.22
		990	72.38	57.59	0.04	57.59	0.05	-0.62	0.20	-0.15	0.04	1.24e-03	0.18
1862	1	1968	6.31	-0.13	-2.42	-2.42	-0.13	0.05	0.31	-0.36	-0.02	-0.03	-0.34
		1969	6.87	-0.14	-2.56	-2.54	-0.15	-0.18	0.34	-0.37	-7.41e-03	-0.02	-0.35
		990	15.75	11.64	0.06	11.64	0.06	-6.49e-03	0.34	-0.36	-0.02	-8.38e-04	-0.35
		991	15.79	11.70	0.05	11.70	0.05	0.02	0.33	-0.35	-0.02	5.13e-04	-0.34
1862	2	1968	41.30	0.64	-30.84	-29.06	-1.13	-7.26	0.51	-0.24	0.05	0.22	0.37
		1969	42.34	1.53	-29.49	-26.65	-1.30	-8.94	0.64	-0.37	0.06	0.21	0.50
		990	193.51	154.09	0.24	154.07	0.26	-1.85	0.55	-0.44	0.11	-2.22e-03	0.49
		991	217.25	172.83	0.14	172.82	0.14	-1.08	0.44	-0.30	0.14	1.02e-03	0.36
1862	3	1968	4.65	-0.02	-3.26	-3.17	-0.11	-0.54	0.08	-0.08	-3.87e-03	6.00e-03	-0.08
		1969	4.67	0.05	-3.19	-3.00	-0.13	-0.76	0.08	-0.07	1.35e-03	9.43e-03	-0.07
		990	19.41	15.50	0.05	15.50	0.05	-0.13	0.07	-0.07	1.91e-04	-5.16e-04	-0.07
		991	21.28	16.99	0.04	16.99	0.04	-0.10	0.08	-0.08	1.55e-03	3.16e-04	-0.08
1862	4	1968	15.58	0.24	-11.71	-11.06	-0.41	-2.71	0.18	-0.09	0.02	0.08	0.13
		1969	15.93	0.57	-11.19	-10.14	-0.48	-3.36	0.23	-0.13	0.02	0.08	0.18
		990	72.44	57.71	0.10	57.70	0.11	-0.67	0.20	-0.16	0.04	-9.25e-04	0.18
		991	81.34	64.74	0.06	64.73	0.07	-0.43	0.16	-0.11	0.05	4.66e-04	0.13
1863	1	1967	6.59	-0.04	-2.20	-2.12	-0.12	0.42	0.29	-0.35	-0.02	-0.04	-0.32
		1968	6.67	-0.11	-2.43	-2.41	-0.13	0.22	0.32	-0.36	-0.01	-0.03	-0.34
		991	15.84	11.68	0.05	11.68	0.05	0.07	0.32	-0.35	-0.03	-4.78e-04	-0.34
		992	14.75	10.80	0.05	10.80	0.06	0.09	0.30	-0.33	-0.03	2.41e-04	-0.31
1863	2	1967	39.51	-0.51	-31.39	-30.76	-1.14	-4.36	0.39	-0.09	0.06	0.24	0.22
		1968	40.20	0.01	-30.47	-29.22	-1.23	-6.04	0.52	-0.23	0.06	0.23	0.37
		991	217.39	173.04	0.22	173.03	0.23	-1.31	0.43	-0.30	0.13	-1.41e-03	0.36
		992	232.60	185.06	0.16	185.06	0.16	-0.57	0.30	-0.16	0.15	2.42e-04	0.22
1863	3	1967	4.39	-0.10	-3.24	-3.22	-0.11	-0.21	0.08	-0.08	-3.60e-03	3.39e-03	-0.08
		1968	4.50	-0.07	-3.23	-3.18	-0.12	-0.41	0.08	-0.08	-2.49e-04	7.14e-03	-0.08
		991	21.27	17.00	0.05	17.00	0.05	-0.06	0.08	-0.08	-2.20e-04	-2.96e-04	-0.08
		992	22.13	17.69	0.04	17.69	0.04	-0.04	0.08	-0.08	-6.77e-04	1.37e-04	-0.08
1863	4	1967	14.98	-0.19	-11.94	-11.71	-0.42	-1.62	0.14	-0.03	0.02	0.09	0.08
		1968	15.21	0.01	-11.58	-11.12	-0.45	-2.27	0.19	-0.08	0.02	0.08	0.13
		991	81.39	64.81	0.10	64.81	0.10	-0.47	0.15	-0.11	0.05	-5.73e-04	0.13
		992	87.10	69.32	0.07	69.32	0.07	-0.23	0.11	-0.05	0.05	1.37e-04	0.08
1864	1	1966	6.63	0.20	-1.95	-1.64	-0.11	0.76	0.25	-0.33	-0.02	-0.06	-0.29
		1967	6.93	0.04	-2.26	-2.10	-0.12	0.59	0.29	-0.35	-0.02	-0.04	-0.32
		992	14.78	10.78	0.05	10.78	0.05	0.15	0.30	-0.33	-0.03	-3.22e-04	-0.31
		993	12.66	9.04	0.05	9.04	0.06	0.16	0.26	-0.31	-0.04	1.05e-04	-0.28
1864	2	1966	39.37	-1.07	-31.64	-31.56	-1.15	-1.51	0.27	0.04	0.06	0.25	0.07
		1967	38.88	-0.85	-31.19	-30.85	-1.19	-3.17	0.39	-0.08	0.07	0.24	0.22
		992	232.68	185.17	0.21	185.17	0.21	-0.79	0.30	-0.16	0.14	-9.94e-04	0.22
		993	239.54	190.60	0.18	190.60	0.18	-0.06	0.18	-0.03	0.15	-1.31e-04	0.07
1864	3	1966	4.15	-0.11	-3.15	-3.15	-0.11	0.11	0.08	-0.09	-4.21e-03	-4.64e-04	-0.08
		1967	4.27	-0.11	-3.23	-3.22	-0.12	-0.08	0.08	-0.08	-1.66e-03	4.00e-03	-0.08
		992	22.14	17.69	0.04	17.69	0.04	1.82e-03	0.08	-0.08	-1.66e-03	-1.92e-04	-0.08
		993	22.06	17.61	0.04	17.61	0.04	0.02	0.08	-0.08	-3.47e-03	4.74e-05	-0.08
1864	4	1966	15.00	-0.39	-12.04	-12.02	-0.42	-0.56	0.10	0.01	0.02	0.09	0.02
		1967	14.77	-0.31	-11.87	-11.74	-0.43	-1.20	0.14	-0.03	0.02	0.09	0.08
		992	87.12	69.37	0.09	69.36	0.09	-0.27	0.11	-0.06	0.05	-3.91e-04	0.08
		993	89.70	71.40	0.08	71.40	0.08	-0.04	0.06	-8.46e-03	0.05	-2.22e-05	0.02
1865	1	1965	6.46	0.61	-1.69	-0.99	-0.10	1.06	0.20	-0.30	-0.03	-0.07	-0.25
		1966	6.97	0.34	-2.05	-1.61	-0.10	0.92	0.25	-0.33	-0.02	-0.06	-0.29
		993	12.68	9.00	0.04	9.00	0.05	0.22	0.26	-0.31	-0.04	-2.39e-04	-0.28
		994	9.63	6.48	0.05	6.47	0.06	0.22	0.22	-0.27	-0.05	3.38e-05	-0.24
1865	2	1965	39.23	-1.10	-31.55	-31.49	-1.16	1.32	0.27	0.03	0.06	0.24	-0.08
		1966	39.30	-1.16	-31.59	-31.59	-1.16	-0.34	0.27	0.04	0.07	0.25	0.07
		993	239.55	190.63	0.19	190.63	0.19	-0.28	0.18	-0.03	0.15	-7.56e-04	0.07
		994	238.16	189.53	0.19	189.53	0.20	0.44	0.18	-0.03	0.15	-3.25e-04	-0.08
1865	3	1965	4.24	-0.05	-3.02	-2.95	-0.11	0.43	0.08	-0.09	-5.49e-03	-5.53e-03	-0.08
		1966	4.27	-0.09	-3.16	-3.14	-0.11	0.24	0.08	-0.09	-3.20e-03	-1.53e-04	-0.08



		993	22.06	17.60	0.04	17.60	0.04	0.06	0.08	-0.08	-4.04e-03	-1.35e-04	-0.08
		994	21.04	16.76	0.04	16.76	0.04	0.08	0.08	-0.08	-6.99e-03	0.0	-0.08
1865	4	1965	14.95	-0.40	-12.01	-11.99	-0.42	0.50	0.10	8.44e-03	0.02	0.09	-0.03
		1966	14.97	-0.42	-12.03	-12.02	-0.42	-0.13	0.10	0.02	0.02	0.09	0.02
		993	89.70	71.41	0.08	71.41	0.08	-0.08	0.06	-8.78e-03	0.05	-2.88e-04	0.02
		994	89.18	71.00	0.09	71.00	0.09	0.14	0.07	-0.01	0.05	-1.07e-04	-0.03
1866	1	1964	6.14	1.20	-1.46	-0.17	-0.09	1.33	0.14	-0.26	-0.03	-0.09	-0.20
		1965	6.81	0.78	-1.82	-0.96	-0.09	1.22	0.20	-0.30	-0.03	-0.07	-0.25
		994	9.65	6.44	0.03	6.43	0.04	0.28	0.22	-0.27	-0.05	-1.79e-04	-0.24
		995	5.89	3.21	0.03	3.18	0.06	0.28	0.16	-0.23	-0.06	-9.34e-06	-0.19
1866	2	1964	39.18	-0.61	-31.14	-30.56	-1.18	4.16	0.38	-0.10	0.06	0.23	-0.23
		1965	39.35	-0.95	-31.65	-31.45	-1.15	2.49	0.27	0.03	0.06	0.24	-0.08
		994	238.09	189.47	0.18	189.47	0.18	0.23	0.18	-0.04	0.14	-5.91e-04	-0.08
		995	228.46	181.86	0.21	181.85	0.21	0.95	0.30	-0.16	0.14	-4.50e-04	-0.22
1866	3	1964	4.28	0.09	-2.83	-2.63	-0.11	0.73	0.07	-0.09	-7.28e-03	-0.01	-0.08
		1965	4.38	-7.00e-04	-3.04	-2.94	-0.10	0.55	0.08	-0.09	-5.06e-03	-5.40e-03	-0.08
		994	21.03	16.74	0.04	16.74	0.04	0.12	0.08	-0.08	-7.29e-03	-9.47e-05	-0.08
		995	19.11	15.18	0.04	15.18	0.05	0.14	0.07	-0.08	-0.01	-3.19e-05	-0.08
1866	4	1964	14.91	-0.22	-11.85	-11.64	-0.43	1.57	0.14	-0.04	0.02	0.08	-0.08
		1965	14.99	-0.35	-12.05	-11.97	-0.42	0.93	0.10	8.74e-03	0.02	0.09	-0.03
		994	89.16	70.98	0.08	70.98	0.08	0.11	0.07	-0.02	0.05	-2.17e-04	-0.03
		995	85.54	68.12	0.09	68.12	0.09	0.33	0.11	-0.06	0.05	-1.63e-04	-0.08
1867	1	1963	5.76	2.00	-1.27	0.81	-0.08	1.58	0.07	-0.22	-0.04	-0.11	-0.14
		1964	6.49	1.40	-1.60	-0.13	-0.07	1.50	0.14	-0.26	-0.03	-0.09	-0.20
		995	5.93	3.16	1.99e-03	3.12	0.04	0.34	0.16	-0.23	-0.06	-1.11e-04	-0.19
		996	2.88	0.17	-0.89	-0.77	0.06	0.33	0.10	-0.18	-0.08	-5.24e-05	-0.13
1867	2	1963	40.74	0.48	-30.46	-28.77	-1.21	7.04	0.50	-0.24	0.05	0.21	-0.36
		1964	39.96	-0.21	-31.39	-30.45	-1.15	5.33	0.38	-0.10	0.06	0.23	-0.23
		995	228.32	181.71	0.16	181.71	0.17	0.73	0.30	-0.16	0.14	-4.21e-04	-0.22
		996	210.39	167.52	0.21	167.51	0.23	1.46	0.42	-0.30	0.12	-5.84e-04	-0.35
1867	3	1963	4.26	0.32	-2.62	-2.19	-0.11	1.03	0.05	-0.08	-9.45e-03	-0.02	-0.07
		1964	4.44	0.16	-2.88	-2.61	-0.10	0.85	0.07	-0.09	-7.35e-03	-0.01	-0.08
		995	19.09	15.15	0.03	15.15	0.04	0.18	0.07	-0.08	-0.01	-5.26e-05	-0.08
		996	16.28	12.88	0.04	12.87	0.05	0.19	0.06	-0.07	-0.02	-6.37e-05	-0.07
1867	4	1963	15.45	0.19	-11.59	-10.96	-0.44	2.65	0.18	-0.09	0.02	0.07	-0.13
		1964	15.18	-0.08	-11.94	-11.60	-0.42	1.99	0.14	-0.04	0.02	0.08	-0.08
		995	85.49	68.07	0.07	68.06	0.08	0.30	0.11	-0.06	0.05	-1.45e-04	-0.08
		996	78.76	62.74	0.09	62.73	0.10	0.53	0.15	-0.11	0.04	-2.21e-04	-0.13
1868	1	1962	5.51	3.00	-1.13	1.94	-0.07	1.80	-0.01	-0.16	-0.05	-0.13	-0.06
		1963	6.13	2.20	-1.40	0.86	-0.06	1.74	0.07	-0.22	-0.04	-0.11	-0.14
		996	3.02	0.18	-0.99	-0.84	0.04	0.39	0.10	-0.18	-0.08	-6.16e-06	-0.13
		997	7.56	0.08	-5.36	-5.33	0.06	0.38	0.03	-0.12	-0.09	-1.26e-04	-0.06
1868	2	1962	43.07	2.25	-29.60	-26.10	-1.25	9.96	0.59	-0.37	0.04	0.17	-0.48
		1963	41.93	1.11	-30.86	-28.59	-1.16	8.21	0.50	-0.24	0.05	0.20	-0.36
		996	210.17	167.30	0.15	167.29	0.16	1.24	0.42	-0.30	0.12	-1.70e-04	-0.35
		997	183.81	146.44	0.22	146.41	0.24	1.98	0.52	-0.42	0.10	-8.08e-04	-0.47
1868	3	1962	4.22	0.66	-2.40	-1.64	-0.11	1.32	0.03	-0.07	-0.01	-0.03	-0.05
		1963	4.45	0.42	-2.68	-2.17	-0.10	1.15	0.05	-0.08	-0.01	-0.02	-0.07
		996	16.25	12.84	0.03	12.83	0.04	0.24	0.06	-0.07	-0.02	8.61e-06	-0.07
		997	12.57	9.86	0.04	9.86	0.05	0.25	0.04	-0.06	-0.02	-1.15e-04	-0.05
1868	4	1962	16.27	0.84	-11.24	-9.94	-0.46	3.74	0.22	-0.14	0.01	0.06	-0.18
		1963	15.87	0.41	-11.72	-10.89	-0.42	3.07	0.18	-0.09	0.02	0.07	-0.13
		996	78.68	62.65	0.07	62.65	0.07	0.49	0.15	-0.11	0.04	-3.99e-05	-0.13
		997	68.79	54.83	0.09	54.82	0.10	0.72	0.19	-0.16	0.03	-3.17e-04	-0.17
1869	1	1961	6.49	4.16	-1.02	3.20	-0.06	2.01	-0.05	-0.16	-0.05	-0.15	0.02
		1962	5.87	3.19	-1.24	1.99	-0.05	1.96	-0.01	-0.16	-0.05	-0.13	-0.06
		997	7.63	0.07	-5.44	-5.41	0.03	0.44	0.03	-0.12	-0.09	1.75e-04	-0.06
		998	14.15	0.07	-10.46	-10.44	0.06	0.42	6.33e-03	-0.11	-0.11	-2.79e-04	0.03
1869	2	1961	46.15	4.84	-28.65	-22.51	-1.30	12.96	0.66	-0.49	0.03	0.14	-0.57
		1962	44.62	3.11	-30.13	-25.85	-1.17	11.14	0.59	-0.38	0.04	0.17	-0.48
		997	183.51	146.12	0.12	146.10	0.15	1.76	0.52	-0.42	0.10	2.70e-04	-0.47
		998	148.52	118.44	0.21	118.39	0.26	2.52	0.60	-0.53	0.07	-1.24e-03	-0.57
1869	3	1961	4.21	1.14	-2.21	-0.96	-0.11	1.62	0.01	-0.06	-0.01	-0.04	-0.03
		1962	4.44	0.78	-2.48	-1.60	-0.09	1.45	0.03	-0.07	-0.01	-0.03	-0.05
		997	12.53	9.82	0.02	9.81	0.03	0.29	0.04	-0.06	-0.02	1.13e-04	-0.05
		998	7.99	6.15	0.03	6.13	0.05	0.30	0.02	-0.05	-0.03	-2.14e-04	-0.03
1869	4	1961	17.36	1.80	-10.86	-8.58	-0.47	4.86	0.24	-0.18	0.01	0.05	-0.21
		1962	16.81	1.15	-11.43	-9.85	-0.43	4.17	0.21	-0.14	0.01	0.06	-0.18
		997	68.68	54.71	0.06	54.70	0.07	0.68	0.19	-0.16	0.04	1.42e-04	-0.17
		998	55.55	44.32	0.09	44.31	0.11	0.92	0.22	-0.20	0.02	-5.00e-04	-0.21
1870	1	1960	9.17	5.46	-0.94	4.59	-0.06	2.20	0.02	-0.25	-0.06	-0.17	0.12
		1961	6.76	4.34	-1.12	3.27	-0.04	2.17	-0.05	-0.16	-0.06	-0.15	0.02
		998	14.23	0.05	-10.54	-10.52	0.03	0.48	7.39e-03	-0.11	-0.10	5.06e-04	0.03
		999	21.46	0.07	-16.07	-16.05	0.06	0.46	0.08	-0.20	-0.12	-6.18e-04	0.13
1870	2	1960	49.96	8.40	-27.70	-17.95	-1.35	16.03	0.70	-0.58	0.02	0.09	-0.64
		1961	48.02	5.92	-29.30	-22.19	-1.19	14.14	0.65	-0.50	0.02	0.13	-0.58
		998	148.16	118.03	0.09	117.98	0.13	2.30	0.60	-0.53	0.08	1.09e-03	-0.56



		999	104.93	83.36	0.17	83.25	0.28	3.08	0.65	-0.62	0.03	-2.12e-03	-0.63
1870	3	1960	4.29	1.77	-2.06	-0.18	-0.11	1.91	-0.01	-0.05	-0.02	-0.04	-8.16e-03
		1961	4.46	1.28	-2.30	-0.92	-0.09	1.74	8.05e-03	-0.06	-0.02	-0.04	-0.03
		998	7.93	6.10	0.01	6.08	0.03	0.35	0.02	-0.05	-0.03	3.05e-04	-0.03
		999	2.59	1.78	-0.02	1.71	0.05	0.36	9.23e-04	-0.04	-0.04	-4.19e-04	-6.98e-03
1870	4	1960	18.72	3.13	-10.48	-6.86	-0.49	6.01	0.26	-0.21	7.83e-03	0.03	-0.23
		1961	18.02	2.19	-11.09	-8.46	-0.43	5.29	0.24	-0.19	4.37e-03	0.05	-0.21
		998	55.42	44.17	0.04	44.15	0.06	0.88	0.22	-0.19	0.03	4.78e-04	-0.21
		999	39.23	31.17	0.08	31.13	0.12	1.13	0.24	-0.23	0.01	-8.65e-04	-0.23
1871	1	1959	12.08	6.87	-0.88	6.05	-0.06	2.39	0.12	-0.37	-0.06	-0.19	0.24
		1960	9.41	5.64	-1.02	4.66	-0.04	2.37	0.01	-0.25	-0.07	-0.17	0.12
		999	21.54	0.05	-16.16	-16.14	0.03	0.52	0.08	-0.20	-0.12	1.14e-03	0.13
		1000	29.41	0.07	-22.14	-22.13	0.06	0.50	0.18	-0.32	-0.14	-1.43e-03	0.24
1871	2	1959	54.52	13.05	-26.82	-12.36	-1.41	19.17	0.71	-0.65	0.02	0.05	-0.68
		1960	52.12	9.69	-28.45	-17.55	-1.21	17.22	0.68	-0.61	-8.90e-03	0.08	-0.65
		999	104.22	82.85	0.02	82.75	0.12	2.85	0.66	-0.61	0.05	2.71e-03	-0.63
		1000	54.21	41.11	-0.02	40.78	0.31	3.66	0.67	-0.68	-6.40e-03	-4.03e-03	-0.67
1871	3	1959	5.29	2.54	-1.96	0.70	-0.11	2.21	-6.01e-03	-0.06	-0.02	-0.05	0.02
		1960	4.58	1.93	-2.15	-0.13	-0.09	2.04	-0.02	-0.05	-0.02	-0.05	-9.23e-03
		999	2.54	1.74	-0.06	1.64	0.03	0.40	1.90e-03	-0.03	-0.03	6.74e-04	-6.47e-03
		1000	4.88	0.10	-3.47	-3.42	0.05	0.41	9.51e-03	-0.05	-0.04	-8.83e-04	0.02
1871	4	1959	20.38	4.86	-10.12	-4.75	-0.52	7.18	0.26	-0.24	6.02e-03	0.02	-0.25
		1960	19.49	3.59	-10.74	-6.71	-0.44	6.44	0.25	-0.23	-5.31e-03	0.03	-0.24
		999	38.97	30.98	0.02	30.94	0.06	1.09	0.24	-0.22	0.02	1.14e-03	-0.23
		1000	20.20	15.34	7.52e-03	15.22	0.13	1.35	0.24	-0.25	-3.97e-03	-1.65e-03	-0.25
1872	1	1958	15.20	8.34	-0.86	7.55	-0.06	2.58	0.23	-0.50	-0.06	-0.21	0.36
		1959	12.27	7.05	-0.96	6.13	-0.03	2.56	0.10	-0.38	-0.08	-0.19	0.23
		1000	29.46	0.04	-22.24	-22.22	0.03	0.56	0.18	-0.31	-0.13	2.40e-03	0.24
		1001	37.97	0.07	-28.65	-28.64	0.06	0.53	0.29	-0.45	-0.16	-3.80e-03	0.36
1872	2	1958	59.87	18.90	-26.03	-5.63	-1.50	22.37	0.69	-0.67	0.02	-1.84e-03	-0.68
		1959	57.01	14.55	-27.64	-11.88	-1.21	20.41	0.68	-0.70	-0.05	0.03	-0.69
		1000	53.21	40.46	-0.19	40.17	0.10	3.42	0.68	-0.66	0.02	6.45e-03	-0.67
		1001	23.23	1.96	-10.89	-9.26	0.34	4.27	0.65	-0.71	-0.06	-9.03e-03	-0.68
1872	3	1958	6.84	3.45	-1.89	1.68	-0.12	2.51	0.03	-0.10	-0.02	-0.06	0.06
		1959	5.53	2.72	-2.04	0.76	-0.09	2.34	-0.02	-0.07	-0.03	-0.06	0.02
		1000	4.94	0.09	-3.55	-3.50	0.03	0.45	0.01	-0.05	-0.04	1.46e-03	0.02
		1001	12.25	0.08	-9.28	-9.26	0.06	0.47	0.04	-0.09	-0.05	-2.16e-03	0.06
1872	4	1958	22.34	7.03	-9.80	-2.22	-0.55	8.38	0.25	-0.25	8.26e-03	1.36e-04	-0.25
		1959	21.27	5.40	-10.41	-4.57	-0.44	7.63	0.25	-0.26	-0.02	8.92e-03	-0.25
		1000	19.85	15.10	-0.06	14.99	0.05	1.30	0.25	-0.24	7.94e-03	2.66e-03	-0.24
		1001	8.60	0.73	-4.10	-3.52	0.14	1.58	0.24	-0.26	-0.02	-3.70e-03	-0.25
1873	1	1957	18.57	9.82	-0.85	9.04	-0.07	2.77	0.36	-0.65	-0.06	-0.24	0.50
		1958	15.29	8.52	-0.92	7.63	-0.03	2.77	0.20	-0.52	-0.10	-0.22	0.35
		1001	37.93	0.04	-28.75	-28.74	0.03	0.58	0.30	-0.43	-0.14	5.35e-03	0.36
		1002	47.25	0.06	-35.57	-35.57	0.05	0.56	0.42	-0.63	-0.20	-0.01	0.51
1873	2	1957	66.02	26.01	-25.26	2.37	-1.61	25.56	0.66	-0.65	0.05	-0.04	-0.65
		1958	62.89	20.69	-26.93	-5.08	-1.17	23.73	0.63	-0.77	-0.10	-0.04	-0.70
		1001	23.27	1.47	-11.37	-9.99	0.08	3.99	0.69	-0.67	3.22e-03	0.02	-0.68
		1002	85.72	0.70	-67.49	-67.13	0.34	4.94	0.57	-0.72	-0.13	-0.03	-0.64
1873	3	1957	8.65	4.47	-1.85	2.74	-0.13	2.82	0.07	-0.15	-0.01	-0.07	0.10
		1958	7.04	3.64	-1.98	1.75	-0.08	2.66	3.07e-03	-0.11	-0.04	-0.07	0.06
		1001	12.26	0.06	-9.37	-9.34	0.03	0.50	0.05	-0.08	-0.04	3.54e-03	0.06
		1002	20.63	0.07	-15.83	-15.81	0.06	0.53	0.07	-0.15	-0.07	-6.59e-03	0.11
1873	4	1957	24.61	9.68	-9.50	0.77	-0.59	9.57	0.24	-0.24	0.02	-0.01	-0.24
		1958	23.44	7.69	-10.13	-2.02	-0.42	8.87	0.23	-0.28	-0.04	-0.02	-0.26
		1001	8.71	0.57	-4.31	-3.79	0.04	1.51	0.25	-0.24	2.01e-03	7.18e-03	-0.25
		1002	32.08	0.27	-25.29	-25.16	0.14	1.83	0.21	-0.27	-0.05	-0.01	-0.24
1874	1	1956	22.52	11.28	-0.78	10.51	-5.62e-03	2.95	0.47	-0.88	-0.04	-0.36	0.66
		1957	18.50	10.00	-0.96	9.11	-0.07	3.00	0.30	-0.70	-0.14	-0.25	0.50
		1002	47.01	0.09	-35.68	-35.67	0.08	0.60	0.43	-0.57	-0.15	0.01	0.49
		1003	57.86	-0.02	-42.93	-42.92	-0.03	0.60	0.59	-0.93	-0.30	-0.04	0.75
1874	2	1956	72.78	34.58	-23.98	12.09	-1.49	28.49	0.65	-0.57	0.15	-0.08	-0.60
		1957	70.13	28.22	-26.53	2.93	-1.25	27.30	0.49	-0.84	-0.22	-0.14	-0.66
		1002	87.44	0.55	-68.27	-67.97	0.25	4.54	0.71	-0.64	0.01	0.06	-0.67
		1003	168.61	0.23	-133.47	-133.22	-0.03	5.80	0.35	-0.71	-0.26	-0.09	-0.52
1874	3	1956	10.77	5.60	-1.78	3.92	-0.10	3.09	0.11	-0.22	6.73e-03	-0.11	0.15
		1957	8.83	4.69	-1.98	2.81	-0.10	3.00	0.02	-0.18	-0.07	-0.09	0.10
		1002	20.53	0.07	-15.92	-15.91	0.06	0.55	0.09	-0.12	-0.04	0.01	0.10
		1003	30.19	0.02	-23.12	-23.11	1.61e-03	0.60	0.12	-0.26	-0.12	-0.02	0.19
1874	4	1956	27.11	12.86	-9.01	4.39	-0.54	10.66	0.24	-0.20	0.07	-0.03	-0.22
		1957	26.12	10.49	-9.96	0.98	-0.45	10.20	0.17	-0.31	-0.09	-0.05	-0.24
		1002	32.79	0.22	-25.59	-25.48	0.11	1.72	0.26	-0.23	7.05e-03	0.02	-0.25
		1003	63.16	0.10	-49.95	-49.86	3.32e-03	2.14	0.12	-0.26	-0.11	-0.04	-0.19
1875	1	1955	27.80	13.04	-0.07	12.41	0.56	2.79	0.49	-1.34	-7.25e-03	-0.84	0.82
		1956	22.76	11.37	-1.38	10.41	-0.42	3.37	0.35	-1.06	-0.30	-0.41	0.70
		1003	57.75	0.48	-42.98	-42.97	0.47	0.55	0.57	-0.79	-0.25	0.03	0.67
		1004	69.52	-0.77	-50.97	-50.95	-0.78	0.90	1.01	-1.37	-0.33	-0.02	1.18



1875	2	1955	76.67	45.99	-17.42	27.16	1.41	28.97	0.81	-0.47	0.51	-0.17	-0.54
		1956	80.23	37.02	-28.24	11.78	-3.00	31.78	0.12	-0.99	-0.54	-0.33	-0.55
		1003	170.06	2.32	-134.08	-133.91	2.15	4.76	0.84	-0.57	0.08	0.18	-0.70
		1004	264.32	-3.54	-209.72	-209.38	-3.88	8.39	-0.19	-0.66	-0.60	-0.25	-0.15
1875	3	1955	13.30	7.03	-1.11	5.62	0.29	3.07	0.15	-0.37	0.06	-0.27	0.20
		1956	11.29	5.81	-2.28	3.87	-0.34	3.45	0.02	-0.32	-0.15	-0.15	0.17
		1003	30.10	0.33	-23.19	-23.18	0.32	0.55	0.13	-0.17	-0.06	0.03	0.14
		1004	40.98	-0.49	-31.39	-31.36	-0.52	0.89	0.27	-0.46	-0.16	-0.03	0.36
1875	4	1955	28.48	17.08	-6.55	10.00	0.54	10.83	0.31	-0.18	0.21	-0.07	-0.20
		1956	29.86	13.76	-10.59	4.27	-1.10	11.87	0.03	-0.38	-0.22	-0.13	-0.20
		1003	63.68	0.88	-50.18	-50.12	0.81	1.80	0.32	-0.21	0.04	0.07	-0.26
		1004	98.99	-1.31	-78.43	-78.30	-1.43	3.11	-0.09	-0.25	-0.24	-0.10	-0.04
1876	1	194	28.02	17.48	1.82	17.47	1.83	-0.31	0.27	-1.11	0.15	-1.00	0.38
		1955	36.70	12.57	-3.02	10.89	-1.34	4.83	-0.04	-2.66	-1.05	-1.65	1.28
		1004	81.80	4.28	-50.41	-50.41	4.27	-0.54	0.75	-2.53	-1.49	-0.30	1.53
		237	110.66	-7.69	-60.71	-60.48	-7.92	3.45	4.98	2.13	4.93	2.18	-0.38
1876	2	194	101.76	73.60	8.08	73.32	8.35	4.23	0.71	-1.75	0.71	-1.75	-4.90e-03
		1955	109.87	50.36	-43.74	15.81	-9.19	45.36	-0.46	-1.48	-1.33	-0.61	-0.35
		1004	273.42	23.05	-205.76	-205.73	23.02	-2.70	0.14	-0.83	-0.28	-0.41	-0.48
		237	370.26	-42.07	-309.62	-305.91	-45.78	31.29	1.75	-0.08	-0.08	1.74	-0.12
1876	3	194	16.58	10.68	1.09	10.68	1.10	0.22	0.15	-0.52	0.12	-0.50	0.12
		1955	18.14	7.23	-4.01	4.27	-1.06	4.94	-0.15	-0.89	-0.46	-0.57	0.37
		1004	44.97	3.06	-30.91	-30.90	3.05	-0.38	0.15	-0.78	-0.49	-0.14	0.43
		237	60.99	-5.54	-41.98	-41.64	-5.88	3.47	1.56	0.84	1.54	0.87	-0.13
1876	4	194	38.45	27.33	2.93	27.23	3.03	1.56	0.29	-0.72	0.29	-0.72	3.66e-03
		1955	40.85	18.73	-16.38	5.73	-3.38	16.95	-0.22	-0.59	-0.55	-0.26	-0.12
		1004	102.37	8.62	-76.94	-76.92	8.61	-1.01	0.01	-0.32	-0.13	-0.17	-0.16
		237	137.99	-15.70	-115.75	-114.36	-17.09	11.72	0.74	0.05	0.05	0.74	-0.05
1877	1	1935	15.85	1.41	-2.02	-1.66	1.05	-1.05	0.11	-1.41	-0.53	-0.76	-0.75
		170	9.41	0.57	-6.01	-4.20	-1.25	-2.94	0.18	-0.42	0.16	-0.40	-0.11
		287	27.44	4.55	-0.36	4.09	0.10	1.43	2.71	1.03	2.70	1.05	0.17
		1005	18.06	5.68	0.28	5.63	0.33	-0.48	0.50	-1.29	-0.69	-0.10	-0.84
1877	2	1935	91.74	23.88	-55.07	-18.40	-12.79	-39.38	0.30	-0.68	-0.59	0.21	0.29
		170	94.11	70.54	1.39	62.30	9.64	22.41	0.49	-0.88	0.49	-0.88	2.55e-03
		287	136.59	7.48	-97.46	-71.41	-18.57	-45.33	0.75	-1.08	-1.06	0.73	-0.17
		1005	33.21	22.15	2.11	20.82	3.44	4.99	0.53	-0.56	0.25	-0.28	0.48
1877	3	1935	11.49	2.04	-4.76	-2.09	-0.63	-3.32	-0.02	-0.45	-0.24	-0.24	-0.22
		170	6.47	3.65	0.02	3.43	0.24	0.87	0.10	-0.23	0.10	-0.22	-0.04
		287	13.29	0.64	-6.20	-4.19	-1.38	-3.12	0.80	0.42	0.79	0.42	0.04
		1005	7.20	3.42	0.34	3.40	0.36	0.26	0.11	-0.38	-0.21	-0.06	-0.23
1877	4	1935	33.91	8.84	-20.61	-7.05	-4.73	-14.68	0.08	-0.28	-0.25	0.05	0.09
		170	35.32	26.22	0.38	23.13	3.47	8.38	0.20	-0.37	0.20	-0.37	-2.12e-03
		287	50.55	2.88	-36.35	-26.55	-6.91	-16.98	0.34	-0.32	-0.32	0.33	-0.05
		1005	12.24	8.40	0.79	7.90	1.29	1.88	0.16	-0.21	0.07	-0.12	0.16
1878	1	1934	10.80	0.11	-2.83	-2.64	-0.08	-0.72	0.42	-0.62	-0.12	-0.09	-0.52
		1935	10.54	0.04	-2.88	-2.38	-0.46	-1.11	0.39	-0.62	0.06	-0.29	-0.48
		1005	13.65	6.09	0.03	6.08	0.04	-0.24	0.63	-0.75	-0.08	-0.03	-0.69
		1006	13.17	8.21	0.07	8.21	0.07	-0.10	0.48	-0.49	-0.04	0.03	-0.49
1878	2	1934	56.64	16.13	-32.38	-14.30	-1.94	-23.45	0.13	-0.42	-0.27	-0.02	0.25
		1935	48.68	18.84	-21.08	-2.91	0.67	-19.88	0.59	-0.08	0.36	0.15	0.32
		1005	26.29	17.65	-1.82	15.51	0.32	-6.09	-8.76e-03	-0.36	-0.25	-0.12	0.16
		1006	88.54	69.98	-0.51	69.80	-0.33	-3.58	0.46	-0.21	0.16	0.09	0.34
1878	3	1934	7.25	1.11	-3.28	-2.00	-0.17	-1.99	0.09	-0.19	-0.07	-0.03	-0.14
		1935	6.08	1.36	-2.49	-1.07	-0.07	-1.86	0.13	-0.16	0.05	-0.08	-0.12
		1005	5.67	3.18	-0.03	3.09	0.05	-0.51	0.17	-0.25	-0.05	-0.02	-0.21
		1006	10.12	7.87	-5.67e-03	7.85	7.63e-03	-0.32	0.13	-0.11	1.94e-03	0.02	-0.12
1878	4	1934	20.98	5.96	-12.13	-5.46	-0.72	-8.73	0.03	-0.16	-0.11	-0.01	0.08
		1935	18.11	6.98	-7.94	-1.23	0.27	-7.42	0.22	-0.03	0.14	0.05	0.11
		1005	9.77	6.66	-0.64	5.89	0.13	-2.25	-0.02	-0.13	-0.10	-0.05	0.04
		1006	33.10	26.17	-0.18	26.10	-0.11	-1.36	0.17	-0.07	0.06	0.04	0.12
1879	1	1933	8.92	-0.21	-2.80	-2.80	-0.22	-0.11	0.46	-0.51	-0.04	-0.01	-0.49
		1934	9.55	-0.09	-2.75	-2.63	-0.21	-0.55	0.47	-0.51	0.02	-0.05	-0.49
		1006	13.73	8.21	0.07	8.21	0.07	-0.09	0.49	-0.58	-0.07	-0.02	-0.54
		1007	13.73	9.03	0.06	9.03	0.06	-0.05	0.49	-0.47	2.69e-03	8.31e-03	-0.48
1879	2	1933	50.94	10.90	-31.94	-20.33	-0.72	-19.05	0.20	-0.28	-0.11	0.03	0.23
		1934	49.97	12.25	-28.81	-14.42	-2.13	-19.59	0.39	-0.14	0.14	0.11	0.26
		1006	89.41	70.99	0.28	70.74	0.53	-4.22	0.19	-0.30	-0.06	-0.05	0.24
		1007	145.20	115.74	-0.16	115.67	-0.09	-2.90	0.29	-0.18	0.07	0.03	0.24
1879	3	1933	6.26	0.60	-3.20	-2.49	-0.11	-1.48	0.12	-0.15	-0.02	-3.17e-03	-0.13
		1934	6.14	0.79	-3.00	-2.01	-0.21	-1.67	0.14	-0.13	0.02	-9.19e-03	-0.13
		1006	10.24	7.94	0.06	7.93	0.07	-0.33	0.13	-0.17	-0.03	-0.01	-0.15
		1007	14.75	11.59	0.02	11.59	0.02	-0.25	0.14	-0.12	6.84e-03	6.03e-03	-0.13
1879	4	1933	18.94	4.03	-11.97	-7.69	-0.26	-7.09	0.07	-0.10	-0.04	8.31e-03	0.08
		1934	18.61	4.54	-10.82	-5.50	-0.78	-7.31	0.14	-0.05	0.05	0.04	0.09
		1006	33.44	26.54	0.12	26.45	0.21	-1.55	0.06	-0.11	-0.03	-0.02	0.08
		1007	54.20	43.21	-0.05	43.18	-0.02	-1.10	0.10	-0.06	0.03	0.01	0.08
1880	1	1932	9.40	-0.14	-2.92	-2.84	-0.22	0.46	0.47	-0.50	-0.02	-9.29e-03	-0.48



		1933	8.70	-0.20	-2.80	-2.80	-0.20	0.04	0.49	-0.48	8.35e-03	-4.20e-03	-0.49
		1007	13.96	9.03	0.06	9.03	0.06	0.01	0.48	-0.51	-0.02	-6.76e-03	-0.49
		1008	13.29	8.53	0.07	8.53	0.07	0.05	0.48	-0.48	-3.97e-03	2.71e-03	-0.48
1880	2	1932	47.26	6.31	-32.73	-25.35	-1.07	-15.29	0.20	-0.19	-0.04	0.06	0.19
		1933	47.42	8.09	-30.67	-20.78	-1.79	-16.89	0.30	-0.15	0.06	0.08	0.22
		1007	145.61	116.45	0.33	116.35	0.44	-3.41	0.21	-0.24	-9.14e-03	-0.01	0.23
		1008	192.28	153.53	-3.70e-03	153.49	0.03	-2.39	0.22	-0.15	0.05	0.01	0.18
1880	3	1932	5.69	0.21	-3.22	-2.88	-0.13	-1.02	0.13	-0.14	-0.01	2.18e-04	-0.13
		1933	5.79	0.39	-3.10	-2.53	-0.18	-1.29	0.14	-0.13	8.08e-03	4.99e-03	-0.13
		1007	14.69	11.64	0.06	11.64	0.06	-0.23	0.13	-0.14	-0.01	-3.72e-03	-0.13
		1008	18.07	14.32	0.03	14.32	0.04	-0.19	0.14	-0.13	2.05e-03	1.99e-03	-0.13
1880	4	1932	17.61	2.34	-12.27	-9.55	-0.39	-5.69	0.07	-0.07	-0.02	0.02	0.07
		1933	17.69	3.00	-11.51	-7.86	-0.65	-6.30	0.10	-0.05	0.02	0.03	0.08
		1007	54.37	43.48	0.14	43.44	0.17	-1.25	0.07	-0.08	-6.26e-03	-6.03e-03	0.08
		1008	71.73	57.29	0.01	57.27	0.03	-0.91	0.08	-0.05	0.02	4.34e-03	0.06
1881	1	1931	10.45	0.15	-3.10	-2.73	-0.21	1.03	0.46	-0.49	-0.02	-0.02	-0.48
		1932	9.82	-0.06	-2.97	-2.83	-0.20	0.62	0.48	-0.49	-9.78e-05	-4.22e-03	-0.48
		1008	13.43	8.52	0.06	8.52	0.06	0.11	0.47	-0.49	-0.02	-2.22e-03	-0.48
		1009	11.68	6.72	0.07	6.71	0.07	0.15	0.47	-0.48	-0.01	1.17e-03	-0.47
1881	2	1931	44.94	3.06	-33.51	-29.20	-1.25	-11.78	0.18	-0.12	-0.02	0.07	0.14
		1932	45.22	4.68	-31.94	-25.70	-1.56	-13.77	0.24	-0.13	0.03	0.08	0.18
		1008	192.43	154.03	0.29	153.98	0.34	-2.72	0.19	-0.18	0.01	-5.71e-03	0.19
		1009	229.52	183.37	0.10	183.36	0.12	-1.83	0.16	-0.11	0.04	4.27e-03	0.14
1881	3	1931	5.22	-0.04	-3.25	-3.14	-0.15	-0.59	0.13	-0.14	-8.66e-03	-1.22e-03	-0.13
		1932	5.40	0.09	-3.16	-2.91	-0.17	-0.87	0.14	-0.13	2.36e-03	4.54e-03	-0.14
		1008	18.05	14.36	0.06	14.35	0.06	-0.15	0.13	-0.14	-5.68e-03	-1.32e-03	-0.13
		1009	20.17	16.06	0.04	16.06	0.04	-0.11	0.13	-0.14	-1.76e-03	8.35e-04	-0.13
1881	4	1931	16.78	1.13	-12.57	-10.98	-0.45	-4.38	0.06	-0.04	-8.83e-03	0.03	0.05
		1932	16.89	1.74	-11.99	-9.68	-0.57	-5.14	0.08	-0.04	0.01	0.03	0.06
		1008	71.78	57.47	0.12	57.45	0.14	-0.99	0.06	-0.06	2.72e-03	-2.35e-03	0.06
		1009	85.60	68.40	0.05	68.40	0.06	-0.70	0.06	-0.04	0.02	1.75e-03	0.05
1882	1	1930	11.33	0.62	-3.28	-2.45	-0.21	1.59	0.44	-0.49	-0.02	-0.03	-0.46
		1931	10.84	0.28	-3.19	-2.71	-0.20	1.19	0.47	-0.49	-6.62e-03	-0.01	-0.48
		1009	11.76	6.69	0.05	6.68	0.06	0.21	0.46	-0.48	-0.02	-9.85e-04	-0.47
		1010	9.26	3.58	0.05	3.57	0.07	0.26	0.45	-0.47	-0.02	5.55e-04	-0.46
1882	2	1930	43.48	0.81	-34.11	-31.98	-1.32	-8.37	0.14	-0.06	-3.42e-03	0.08	0.09
		1931	43.64	2.02	-32.97	-29.48	-1.47	-10.48	0.19	-0.09	0.02	0.08	0.14
		1009	229.72	183.74	0.27	183.71	0.29	-2.09	0.15	-0.13	0.03	-2.70e-03	0.14
		1010	256.95	205.33	0.16	205.33	0.16	-1.24	0.11	-0.07	0.04	1.97e-03	0.09
1882	3	1930	4.76	-0.14	-3.27	-3.27	-0.15	-0.16	0.13	-0.14	-7.46e-03	-4.24e-03	-0.13
		1931	5.00	-0.09	-3.22	-3.15	-0.16	-0.45	0.14	-0.14	-1.01e-03	1.17e-03	-0.14
		1009	20.21	16.08	0.05	16.08	0.05	-0.08	0.13	-0.14	-5.58e-03	-5.97e-04	-0.13
		1010	21.12	16.80	0.05	16.80	0.05	-0.04	0.13	-0.14	-5.05e-03	3.97e-04	-0.13
1882	4	1930	16.27	0.30	-12.80	-12.01	-0.48	-3.11	0.05	-0.02	-3.13e-03	0.03	0.03
		1931	16.33	0.76	-12.38	-11.08	-0.53	-3.91	0.07	-0.03	7.45e-03	0.03	0.05
		1009	85.67	68.54	0.11	68.53	0.12	-0.76	0.05	-0.04	7.57e-03	-1.11e-03	0.05
		1010	95.81	76.58	0.07	76.58	0.07	-0.48	0.04	-0.02	0.01	8.17e-04	0.03
1883	1	1929	12.02	1.23	-3.41	-1.98	-0.21	2.14	0.41	-0.47	-0.02	-0.04	-0.44
		1930	11.70	0.77	-3.39	-2.42	-0.20	1.76	0.44	-0.48	-0.01	-0.03	-0.46
		1010	9.35	3.54	0.03	3.51	0.06	0.31	0.45	-0.47	-0.03	-5.60e-04	-0.46
		1011	7.92	0.19	-1.02	-0.90	0.07	0.36	0.42	-0.45	-0.03	2.46e-04	-0.44
1883	2	1929	42.87	-0.61	-34.46	-33.72	-1.36	-4.98	0.10	-0.01	4.49e-03	0.08	0.04
		1930	42.64	0.15	-33.75	-32.16	-1.43	-7.15	0.15	-0.04	0.02	0.09	0.09
		1010	257.13	205.58	0.25	205.57	0.26	-1.48	0.11	-0.08	0.03	-1.42e-03	0.09
		1011	274.56	219.43	0.19	219.42	0.19	-0.65	0.07	-0.02	0.04	9.26e-04	0.04
1883	3	1929	4.78	-0.13	-3.28	-3.26	-0.15	0.26	0.12	-0.14	-7.55e-03	-8.30e-03	-0.13
		1930	4.60	-0.15	-3.27	-3.27	-0.16	-0.03	0.13	-0.14	-3.37e-03	-2.94e-03	-0.13
		1010	21.15	16.80	0.05	16.80	0.05	3.18e-04	0.13	-0.14	-7.08e-03	-3.22e-04	-0.13
		1011	20.85	16.55	0.05	16.55	0.05	0.04	0.13	-0.13	-8.34e-03	1.88e-04	-0.13
1883	4	1929	16.11	-0.22	-12.93	-12.66	-0.49	-1.85	0.03	-3.83e-03	1.91e-05	0.03	0.01
		1930	15.98	0.07	-12.67	-12.08	-0.52	-2.67	0.05	-0.01	5.40e-03	0.03	0.03
		1010	95.87	76.67	0.11	76.67	0.11	-0.53	0.03	-0.03	0.01	-5.76e-04	0.03
		1011	102.37	81.83	0.08	81.83	0.08	-0.26	0.02	-5.38e-03	0.01	3.89e-04	0.01
1884	1	1928	12.52	1.99	-3.48	-1.30	-0.20	2.68	0.36	-0.45	-0.03	-0.06	-0.41
		1929	12.38	1.41	-3.53	-1.93	-0.19	2.31	0.41	-0.47	-0.02	-0.04	-0.44
		1011	8.04	0.20	-1.12	-0.97	0.05	0.41	0.42	-0.45	-0.04	-3.87e-04	-0.44
		1012	10.98	0.11	-6.71	-6.67	0.07	0.46	0.38	-0.43	-0.05	7.57e-05	-0.40
1884	2	1928	42.68	-1.30	-34.53	-34.45	-1.38	-1.59	0.09	6.28e-03	8.63e-03	0.08	-0.01
		1929	42.35	-0.97	-34.26	-33.82	-1.41	-3.78	0.10	-9.66e-04	0.02	0.09	0.04
		1011	274.66	219.56	0.24	219.56	0.24	-0.88	0.06	-0.02	0.04	-7.85e-04	0.04
		1012	282.34	225.66	0.21	225.66	0.21	-0.05	0.05	-3.97e-03	0.04	3.82e-04	-0.01
1884	3	1928	5.15	-2.52e-03	-3.26	-3.11	-0.15	0.68	0.11	-0.14	-8.46e-03	-0.01	-0.12
		1929	4.95	-0.10	-3.30	-3.25	-0.15	0.39	0.12	-0.14	-5.36e-03	-7.60e-03	-0.13
		1011	20.85	16.54	0.05	16.53	0.05	0.08	0.13	-0.13	-9.46e-03	-1.97e-04	-0.13
		1012	19.34	15.31	0.05	15.31	0.05	0.11	0.12	-0.13	-0.01	7.59e-05	-0.12
1884	4	1928	16.04	-0.47	-12.96	-12.93	-0.50	-0.58	0.03	-2.38e-04	1.68e-03	0.03	-7.62e-03
		1929	15.92	-0.35	-12.86	-12.70	-0.51	-1.41	0.03	7.48e-04	4.44e-03	0.03	0.01



		1011	102.40	81.88	0.10	81.88	0.10	-0.31	0.02	-6.71e-03	0.01	-3.15e-04	0.01
		1012	105.26	84.15	0.09	84.15	0.09	-0.04	0.02	-3.41e-03	0.01	1.67e-04	-7.87e-03
1885	1	1927	12.83	2.90	-3.49	-0.39	-0.19	3.19	0.31	-0.42	-0.03	-0.08	-0.36
		1928	12.88	2.19	-3.60	-1.23	-0.18	2.85	0.37	-0.45	-0.02	-0.06	-0.41
		1012	11.12	0.09	-6.80	-6.76	0.05	0.52	0.38	-0.43	-0.05	-3.11e-04	-0.40
		1013	18.33	0.10	-13.74	-13.71	0.08	0.56	0.33	-0.39	-0.06	-3.28e-05	-0.36
1885	2	1927	42.28	-1.30	-34.31	-34.21	-1.39	1.80	0.12	-0.03	0.01	0.08	-0.07
		1928	42.52	-1.39	-34.48	-34.47	-1.39	-0.41	0.09	0.01	0.01	0.09	-0.01
		1012	282.35	225.69	0.22	225.69	0.22	-0.28	0.04	-4.68e-03	0.04	-4.35e-04	-0.01
		1013	280.29	224.05	0.23	224.04	0.23	0.54	0.09	-0.05	0.04	6.61e-05	-0.07
1885	3	1927	5.44	0.24	-3.21	-2.82	-0.15	1.09	0.10	-0.13	-9.98e-03	-0.02	-0.11
		1928	5.33	0.06	-3.30	-3.09	-0.15	0.81	0.11	-0.13	-7.34e-03	-0.01	-0.12
		1012	19.33	15.28	0.04	15.28	0.04	0.15	0.12	-0.13	-0.01	-1.34e-04	-0.12
		1013	16.63	13.09	0.05	13.09	0.05	0.19	0.11	-0.12	-0.02	7.66e-06	-0.11
1885	4	1927	15.89	-0.47	-12.88	-12.84	-0.51	0.68	0.05	-0.01	2.39e-03	0.03	-0.03
		1928	15.98	-0.50	-12.94	-12.94	-0.51	-0.16	0.03	1.54e-03	3.80e-03	0.03	-8.10e-03
		1012	105.26	84.16	0.10	84.16	0.10	-0.08	0.02	-3.72e-03	0.01	-1.70e-04	-7.69e-03
		1013	104.48	83.54	0.10	83.54	0.10	0.18	0.03	-0.02	0.01	3.70e-05	-0.03
1886	1	1926	12.97	3.98	-3.42	0.75	-0.18	3.67	0.24	-0.38	-0.04	-0.10	-0.31
		1927	13.20	3.12	-3.60	-0.31	-0.17	3.36	0.31	-0.42	-0.03	-0.08	-0.36
		1013	18.42	0.07	-13.85	-13.82	0.04	0.62	0.33	-0.39	-0.06	-2.70e-04	-0.36
		1014	28.42	0.10	-21.99	-21.97	0.08	0.66	0.27	-0.34	-0.07	-1.23e-04	-0.30
1886	2	1926	42.23	-0.58	-33.82	-33.00	-1.41	5.18	0.16	-0.08	0.01	0.08	-0.12
		1927	42.45	-1.11	-34.42	-34.15	-1.38	2.97	0.12	-0.03	0.01	0.08	-0.07
		1013	280.20	223.97	0.21	223.97	0.21	0.32	0.09	-0.05	0.04	-1.97e-04	-0.07
		1014	268.41	214.58	0.24	214.58	0.24	1.14	0.13	-0.10	0.04	-1.60e-04	-0.12
1886	3	1926	5.67	0.60	-3.14	-2.39	-0.15	1.49	0.08	-0.12	-0.01	-0.03	-0.10
		1927	5.64	0.33	-3.27	-2.79	-0.14	1.22	0.10	-0.13	-9.55e-03	-0.02	-0.11
		1013	16.61	13.06	0.04	13.05	0.04	0.23	0.11	-0.12	-0.02	-9.39e-05	-0.11
		1014	12.74	9.92	0.05	9.91	0.05	0.26	0.09	-0.11	-0.02	-4.50e-05	-0.10
1886	4	1926	15.86	-0.20	-12.70	-12.39	-0.51	1.94	0.06	-0.03	2.44e-03	0.03	-0.04
		1927	15.94	-0.40	-12.92	-12.82	-0.50	1.10	0.05	-0.01	3.04e-03	0.03	-0.03
		1013	104.45	83.51	0.09	83.51	0.09	0.14	0.03	-0.02	0.01	-7.23e-05	-0.03
		1014	100.04	80.00	0.10	80.00	0.10	0.40	0.05	-0.04	0.01	-5.59e-05	-0.04
1887	1	1925	12.99	5.25	-3.29	2.13	-0.17	4.11	0.15	-0.33	-0.05	-0.13	-0.23
		1926	13.35	4.22	-3.53	0.84	-0.15	3.84	0.24	-0.38	-0.04	-0.10	-0.31
		1014	28.54	0.06	-22.12	-22.10	0.04	0.71	0.27	-0.34	-0.07	-2.25e-04	-0.30
		1015	40.20	0.09	-31.40	-31.38	0.08	0.75	0.19	-0.28	-0.09	-2.30e-04	-0.23
1887	2	1925	43.01	0.89	-33.13	-30.81	-1.42	8.56	0.21	-0.12	8.89e-03	0.07	-0.16
		1926	42.94	-0.13	-34.09	-32.86	-1.37	6.36	0.17	-0.08	8.71e-03	0.08	-0.12
		1014	268.22	214.40	0.19	214.40	0.19	0.91	0.13	-0.10	0.04	3.57e-05	-0.11
		1015	246.69	197.27	0.25	197.25	0.26	1.73	0.18	-0.15	0.03	-3.95e-04	-0.16
1887	3	1925	5.84	1.08	-3.04	-1.81	-0.15	1.88	0.06	-0.11	-0.01	-0.03	-0.08
		1926	5.89	0.72	-3.21	-2.35	-0.14	1.62	0.08	-0.12	-0.01	-0.03	-0.10
		1014	12.70	9.87	0.03	9.86	0.04	0.30	0.09	-0.11	-0.02	-5.50e-05	-0.10
		1015	7.73	5.81	0.04	5.79	0.05	0.33	0.07	-0.09	-0.03	-1.03e-04	-0.08
1887	4	1925	16.14	0.34	-12.43	-11.57	-0.52	3.20	0.08	-0.05	2.08e-03	0.03	-0.06
		1926	16.11	-0.04	-12.79	-12.34	-0.50	2.37	0.06	-0.03	1.87e-03	0.03	-0.04
		1014	99.98	79.93	0.08	79.93	0.08	0.36	0.05	-0.04	0.01	2.24e-05	-0.04
		1015	91.94	73.54	0.10	73.53	0.11	0.63	0.07	-0.06	9.60e-03	-1.52e-04	-0.06
1888	1	1924	12.97	6.73	-3.10	3.78	-0.15	4.51	0.04	-0.26	-0.06	-0.16	-0.14
		1925	13.38	5.49	-3.39	2.24	-0.13	4.28	0.15	-0.33	-0.05	-0.13	-0.23
		1015	40.34	0.05	-31.54	-31.52	0.03	0.81	0.19	-0.28	-0.09	-1.40e-04	-0.23
		1016	53.44	0.09	-41.87	-41.86	0.08	0.83	0.09	-0.20	-0.11	-3.96e-04	-0.14
1888	2	1924	44.40	3.19	-32.27	-27.64	-1.43	11.94	0.24	-0.17	7.17e-03	0.06	-0.20
		1925	44.09	1.59	-33.54	-30.59	-1.35	9.74	0.20	-0.13	3.78e-03	0.07	-0.16
		1015	246.41	196.98	0.16	196.97	0.18	1.51	0.18	-0.14	0.03	3.61e-04	-0.16
		1016	215.13	172.10	0.24	172.07	0.28	2.33	0.21	-0.19	0.02	-7.47e-04	-0.20
1888	3	1924	5.97	1.70	-2.92	-1.08	-0.14	2.26	0.03	-0.09	-0.02	-0.04	-0.06
		1925	6.07	1.22	-3.12	-1.76	-0.13	2.01	0.06	-0.11	-0.02	-0.04	-0.08
		1015	7.68	5.75	0.01	5.73	0.04	0.38	0.07	-0.09	-0.03	4.99e-06	-0.08
		1016	2.15	0.94	-0.13	0.75	0.06	0.40	0.04	-0.07	-0.03	-1.91e-04	-0.06
1888	4	1924	16.64	1.20	-12.11	-10.39	-0.52	4.46	0.09	-0.06	1.60e-03	0.02	-0.07
		1925	16.52	0.60	-12.58	-11.49	-0.49	3.63	0.07	-0.05	3.25e-05	0.02	-0.06
		1015	91.84	73.43	0.07	73.43	0.08	0.58	0.07	-0.05	0.01	1.53e-04	-0.06
		1016	80.17	64.15	0.10	64.14	0.12	0.85	0.08	-0.07	6.59e-03	-2.95e-04	-0.07
1889	1	1923	13.06	8.43	-2.87	5.69	-0.13	4.85	-0.06	-0.21	-0.07	-0.20	-0.03
		1924	13.37	6.97	-3.19	3.89	-0.11	4.67	0.04	-0.26	-0.06	-0.16	-0.14
		1016	53.60	0.05	-42.04	-42.02	0.03	0.89	0.09	-0.20	-0.11	4.48e-05	-0.14
		1587	68.00	0.09	-53.32	-53.30	0.07	0.91	3.23e-03	-0.14	-0.14	-6.98e-04	-0.02
1889	2	1923	46.59	6.41	-31.31	-23.45	-1.45	15.32	0.27	-0.21	6.07e-03	0.05	-0.24
		1924	45.84	4.13	-32.81	-27.34	-1.34	13.12	0.24	-0.18	-3.75e-03	0.06	-0.20
		1016	214.75	171.70	0.13	171.68	0.16	2.11	0.22	-0.19	0.03	9.09e-04	-0.20
		1587	173.76	139.06	0.23	139.00	0.29	2.94	0.24	-0.23	0.01	-1.37e-03	-0.24
1889	3	1923	6.10	2.45	-2.79	-0.20	-0.14	2.62	-6.44e-03	-0.07	-0.02	-0.06	-0.03
		1924	6.22	1.85	-3.00	-1.03	-0.12	2.38	0.03	-0.09	-0.02	-0.05	-0.06
		1016	2.18	0.91	-0.20	0.68	0.03	0.45	0.04	-0.07	-0.03	1.17e-04	-0.06



		1587	6.92	0.10	-5.21	-5.17	0.06	0.47	0.01	-0.05	-0.04	-3.48e-04	-0.02
1889	4	1923	17.44	2.39	-11.75	-8.83	-0.53	5.72	0.10	-0.08	1.41e-03	0.02	-0.09
		1924	17.15	1.54	-12.30	-10.28	-0.49	4.89	0.09	-0.07	-2.79e-03	0.02	-0.08
		1016	80.03	64.00	0.06	63.99	0.07	0.81	0.08	-0.07	8.62e-03	3.73e-04	-0.07
		1587	64.76	51.83	0.10	51.81	0.12	1.07	0.09	-0.09	2.63e-03	-5.48e-04	-0.09
1890	1	1922	16.58	10.38	-2.62	7.87	-0.10	5.14	-0.03	-0.29	-0.08	-0.24	0.11
		1923	13.49	8.68	-2.95	5.81	-0.09	5.01	-0.07	-0.21	-0.07	-0.20	-0.03
		1587	68.17	0.04	-53.50	-53.48	0.02	0.97	4.27e-03	-0.14	-0.14	4.37e-04	-0.02
		1588	83.73	0.09	-65.62	-65.61	0.07	0.98	0.06	-0.23	-0.17	-1.30e-03	0.11
1890	2	1922	49.77	10.64	-30.32	-18.21	-1.47	18.69	0.29	-0.24	7.35e-03	0.04	-0.26
		1923	48.37	7.57	-31.96	-23.07	-1.32	16.51	0.26	-0.23	-0.02	0.05	-0.24
		1587	173.25	138.56	0.09	138.51	0.14	2.71	0.25	-0.22	0.02	1.91e-03	-0.24
		1588	122.95	98.16	0.18	98.03	0.31	3.54	0.26	-0.27	-3.23e-03	-2.57e-03	-0.27
1890	3	1922	6.77	3.36	-2.64	0.84	-0.13	2.96	-0.02	-0.07	-0.02	-0.07	0.01
		1923	6.38	2.62	-2.87	-0.13	-0.12	2.74	-9.48e-03	-0.07	-0.02	-0.06	-0.03
		1587	7.01	0.08	-5.31	-5.26	0.03	0.52	0.01	-0.05	-0.04	3.37e-04	-0.02
		1588	15.52	0.08	-11.98	-11.95	0.06	0.54	3.29e-03	-0.06	-0.05	-6.53e-04	0.01
1890	4	1922	18.60	3.96	-11.37	-6.88	-0.53	6.98	0.11	-0.09	2.22e-03	0.02	-0.10
		1923	18.07	2.81	-11.98	-8.69	-0.48	6.15	0.09	-0.08	-7.13e-03	0.02	-0.09
		1587	64.55	51.64	0.04	51.62	0.06	1.03	0.09	-0.08	6.63e-03	7.73e-04	-0.09
		1588	45.82	36.58	0.08	36.54	0.13	1.30	0.10	-0.10	-2.57e-03	-1.03e-03	-0.10
1891	1	1921	21.05	12.60	-2.35	10.33	-0.07	5.37	0.10	-0.47	-0.09	-0.29	0.27
		1922	16.82	10.62	-2.69	8.01	-0.07	5.29	-0.04	-0.30	-0.09	-0.24	0.10
		1588	83.89	0.04	-65.81	-65.79	0.02	1.05	0.06	-0.22	-0.16	1.27e-03	0.11
		1589	100.49	0.08	-78.66	-78.65	0.07	1.05	0.19	-0.40	-0.21	-2.66e-03	0.28
1891	2	1921	54.12	15.97	-29.31	-11.84	-1.50	22.04	0.31	-0.26	0.01	0.03	-0.28
		1922	51.87	12.00	-31.04	-17.74	-1.30	19.89	0.27	-0.27	-0.03	0.03	-0.27
		1588	122.12	97.55	5.27e-03	97.43	0.12	3.31	0.27	-0.25	0.02	3.86e-03	-0.26
		1589	62.90	49.49	-0.02	49.14	0.33	4.16	0.27	-0.30	-0.02	-5.07e-03	-0.29
1891	3	1921	8.60	4.42	-2.50	2.05	-0.12	3.29	0.01	-0.12	-0.02	-0.08	0.06
		1922	7.01	3.53	-2.72	0.92	-0.11	3.08	-0.03	-0.07	-0.03	-0.07	0.01
		1588	15.61	0.06	-12.08	-12.05	0.03	0.58	5.22e-03	-0.05	-0.05	7.86e-04	0.02
		1589	25.17	0.08	-19.57	-19.55	0.06	0.61	0.04	-0.10	-0.06	-1.32e-03	0.06
1891	4	1921	20.20	5.93	-11.00	-4.52	-0.55	8.23	0.11	-0.09	5.37e-03	0.01	-0.10
		1922	19.35	4.45	-11.63	-6.71	-0.47	7.41	0.10	-0.10	-0.01	0.01	-0.10
		1588	45.52	36.36	0.01	36.31	0.06	1.26	0.10	-0.09	5.13e-03	1.55e-03	-0.10
		1589	23.43	18.44	8.10e-03	18.31	0.14	1.53	0.10	-0.11	-9.64e-03	-2.03e-03	-0.10
1892	1	1920	26.13	15.09	-2.08	13.05	-0.04	5.56	0.26	-0.70	-0.10	-0.34	0.47
		1921	21.18	12.83	-2.41	10.47	-0.06	5.51	0.07	-0.48	-0.12	-0.29	0.26
		1589	100.62	0.04	-78.86	-78.84	0.03	1.12	0.20	-0.39	-0.19	3.14e-03	0.28
		1590	118.19	0.07	-92.32	-92.31	0.05	1.10	0.36	-0.62	-0.25	-6.45e-03	0.48
1892	2	1920	59.80	22.49	-28.32	-4.29	-1.55	25.37	0.32	-0.26	0.03	0.03	-0.29
		1921	56.62	17.54	-30.10	-11.29	-1.26	23.29	0.27	-0.32	-0.06	0.01	-0.29
		1589	61.77	48.74	-0.23	48.43	0.09	3.92	0.29	-0.27	0.01	8.26e-03	-0.28
		1590	17.90	2.59	-9.96	-7.73	0.36	4.80	0.26	-0.33	-0.05	-0.01	-0.30
1892	3	1920	10.77	5.65	-2.36	3.41	-0.12	3.59	0.06	-0.19	-0.02	-0.10	0.12
		1921	8.79	4.60	-2.57	2.13	-0.10	3.41	-2.66e-03	-0.13	-0.04	-0.09	0.06
		1589	25.24	0.05	-19.68	-19.66	0.03	0.65	0.04	-0.10	-0.06	1.79e-03	0.06
		1590	35.86	0.07	-27.95	-27.94	0.06	0.67	0.08	-0.17	-0.08	-3.10e-03	0.12
1892	4	1920	22.29	8.34	-10.63	-1.72	-0.56	9.46	0.12	-0.09	0.01	0.01	-0.11
		1921	21.10	6.50	-11.27	-4.32	-0.46	8.67	0.10	-0.12	-0.03	3.17e-03	-0.11
		1589	23.02	18.17	-0.08	18.05	0.05	1.48	0.11	-0.10	5.25e-03	3.31e-03	-0.10
		1590	6.60	0.96	-3.69	-2.88	0.15	1.77	0.10	-0.12	-0.02	-4.55e-03	-0.11
1893	1	1919	32.04	17.88	-1.80	16.04	0.05	5.73	0.46	-0.99	-0.10	-0.43	0.71
		1920	26.03	15.28	-2.17	13.20	-0.09	5.65	0.21	-0.73	-0.16	-0.36	0.46
		1590	118.22	0.07	-92.52	-92.50	0.06	1.18	0.38	-0.59	-0.22	8.01e-03	0.47
		1591	136.91	0.02	-106.49	-106.48	3.43e-03	1.13	0.58	-0.93	-0.34	-0.02	0.74
1893	2	1919	66.84	30.23	-27.30	4.57	-1.64	28.60	0.34	-0.23	0.08	0.02	-0.28
		1920	62.93	24.34	-29.19	-3.66	-1.19	26.74	0.24	-0.38	-0.12	-0.02	-0.31
		1590	18.15	2.00	-10.49	-8.56	0.07	4.51	0.32	-0.27	0.02	0.02	-0.29
		1591	92.14	0.77	-73.03	-72.62	0.36	5.48	0.22	-0.36	-0.11	-0.03	-0.28
1893	3	1919	13.33	7.07	-2.21	4.95	-0.10	3.89	0.12	-0.27	-0.02	-0.12	0.19
		1920	10.87	5.83	-2.43	3.51	-0.10	3.71	0.03	-0.20	-0.06	-0.11	0.11
		1590	35.88	0.05	-28.08	-28.06	0.03	0.71	0.10	-0.15	-0.06	4.54e-03	0.12
		1591	47.61	0.06	-37.10	-37.08	0.04	0.73	0.15	-0.26	-0.11	-9.24e-03	0.20
1893	4	1919	24.88	11.20	-10.24	1.55	-0.60	10.67	0.13	-0.08	0.03	9.00e-03	-0.10
		1920	23.42	9.01	-10.93	-1.49	-0.43	9.96	0.09	-0.14	-0.05	-8.43e-03	-0.11
		1590	6.77	0.77	-3.92	-3.19	0.04	1.70	0.12	-0.10	9.71e-03	8.41e-03	-0.11
		1591	34.35	0.30	-27.20	-27.05	0.15	2.02	0.08	-0.13	-0.04	-0.01	-0.10
1894	1	1918	39.47	21.05	-1.35	19.36	0.34	5.92	0.66	-1.41	-0.09	-0.66	1.00
		1919	31.51	17.95	-2.09	16.15	-0.29	5.73	0.37	-1.05	-0.23	-0.45	0.70
		1591	136.71	0.23	-106.65	-106.64	0.21	1.24	0.60	-0.84	-0.26	0.02	0.70
		1592	157.35	-0.25	-121.16	-121.15	-0.26	1.19	0.88	-1.47	-0.53	-0.07	1.15
1894	2	1918	74.85	39.39	-25.74	15.12	-1.48	31.49	0.41	-0.19	0.22	-1.46e-03	-0.28
		1919	71.23	32.53	-28.55	5.21	-1.23	30.37	0.15	-0.47	-0.24	-0.08	-0.30
		1591	93.80	0.59	-73.92	-73.58	0.25	5.06	0.38	-0.25	0.06	0.07	-0.32
		1592	184.39	0.24	-146.04	-145.76	-0.04	6.34	0.01	-0.38	-0.26	-0.11	-0.18



1894	3	1918	16.48	8.71	-1.99	6.72	7.41e-04	4.17	0.19	-0.39	-2.49e-03	-0.20	0.28
		1919	13.31	7.22	-2.35	5.04	-0.17	4.01	0.07	-0.31	-0.09	-0.14	0.19
		1591	47.52	0.11	-37.22	-37.20	0.09	0.77	0.16	-0.22	-0.07	0.01	0.19
		1592	60.69	-0.05	-47.01	-47.00	-0.07	0.81	0.23	-0.45	-0.18	-0.03	0.33
1894	4	1918	27.81	14.58	-9.66	5.46	-0.54	11.74	0.16	-0.07	0.09	-6.87e-04	-0.10
		1919	26.49	12.04	-10.70	1.79	-0.45	11.31	0.05	-0.18	-0.10	-0.03	-0.11
		1591	34.96	0.24	-27.54	-27.41	0.10	1.91	0.14	-0.09	0.03	0.03	-0.12
		1592	68.73	0.10	-54.39	-54.29	-7.94e-04	2.34	-4.82e-03	-0.14	-0.10	-0.05	-0.06
1895	1	1917	49.98	24.95	-0.34	23.57	1.04	5.76	0.74	-2.24	-0.04	-1.46	1.31
		1918	38.85	20.70	-2.52	19.09	-0.90	5.91	0.46	-1.71	-0.50	-0.75	1.08
		1592	157.79	1.35	-121.10	-121.09	1.34	1.08	0.85	-1.26	-0.45	0.04	1.02
		1593	178.08	-2.25	-136.63	-136.61	-2.27	1.76	1.62	-2.23	-0.58	-0.03	1.91
1895	2	1917	79.80	51.35	-18.54	31.12	1.69	31.69	0.74	-0.29	0.64	-0.20	-0.30
		1918	82.92	41.94	-30.22	14.82	-3.10	34.95	-0.19	-0.72	-0.62	-0.29	-0.21
		1592	185.94	2.48	-146.73	-146.55	2.29	5.25	0.59	-0.22	0.16	0.21	-0.40
		1593	289.12	-3.83	-229.28	-228.92	-4.19	9.04	-0.18	-0.75	-0.63	-0.29	0.23
1895	3	1917	20.57	10.80	-1.20	9.15	0.45	4.13	0.25	-0.65	0.05	-0.46	0.37
		1918	16.69	8.72	-2.60	6.61	-0.49	4.41	0.08	-0.54	-0.21	-0.25	0.31
		1592	60.73	0.59	-47.05	-47.04	0.58	0.74	0.24	-0.32	-0.12	0.04	0.27
		1593	74.84	-0.95	-57.93	-57.91	-0.97	1.19	0.47	-0.75	-0.24	-0.04	0.60
1895	4	1917	29.56	19.00	-6.97	11.39	0.64	11.82	0.29	-0.12	0.26	-0.08	-0.11
		1918	30.79	15.52	-11.31	5.35	-1.14	13.02	-0.08	-0.28	-0.25	-0.11	-0.07
		1592	69.28	0.93	-54.65	-54.58	0.86	1.97	0.23	-0.08	0.06	0.08	-0.15
		1593	107.82	-1.41	-85.39	-85.26	-1.54	3.34	-0.06	-0.31	-0.25	-0.12	0.10
1896	1	195	49.49	26.80	-1.26	24.29	1.25	8.02	0.45	-1.78	0.26	-1.59	0.63
		1917	58.79	24.89	-1.64	23.28	-0.03	6.33	-0.13	-4.42	-1.73	-2.82	2.08
		1593	203.04	10.97	-136.55	-136.55	10.97	0.28	1.20	-4.15	-2.49	-0.46	2.47
		249	240.56	-17.38	-149.78	-149.77	-17.39	-0.85	8.18	3.45	8.10	3.54	-0.64
1896	2	195	114.02	80.56	8.36	80.27	8.65	4.52	0.85	-2.19	0.85	-2.19	0.07
		1917	114.43	55.94	-46.88	18.72	-9.66	49.41	-0.87	-1.68	-1.68	-0.87	0.01
		1593	300.22	24.89	-224.90	-224.86	24.86	-3.08	-0.50	-0.60	-0.56	-0.55	-0.05
		249	399.33	-45.53	-337.24	-333.21	-49.56	34.06	2.48	1.16	1.18	2.47	-0.16
1896	3	195	23.01	13.68	0.35	13.10	0.93	2.72	0.21	-0.74	0.16	-0.70	0.20
		1917	25.39	10.87	-3.45	8.10	-0.69	5.65	-0.17	-1.45	-0.69	-0.93	0.63
		1593	82.74	5.14	-57.56	-57.56	5.14	-0.15	0.30	-1.30	-0.80	-0.19	0.74
		249	101.91	-8.80	-69.85	-69.76	-8.90	2.37	2.60	1.28	2.56	1.32	-0.21
1896	4	195	42.84	29.79	3.01	29.68	3.12	1.68	0.34	-0.88	0.34	-0.88	0.03
		1917	42.45	20.73	-17.51	6.75	-3.54	18.41	-0.35	-0.67	-0.67	-0.36	0.02
		1593	111.93	9.27	-83.75	-83.73	9.25	-1.15	-0.22	-0.23	-0.23	-0.22	-5.02e-03
		249	149.22	-16.92	-125.62	-124.11	-18.43	12.71	1.01	0.50	0.51	1.00	-0.07
1897	1	1897	12.92	2.75	-1.46	-1.19	2.48	1.03	0.03	-1.01	-0.41	-0.57	-0.51
		172	21.29	1.66	-15.49	-11.34	-2.48	-7.34	0.13	-0.37	0.12	-0.35	-0.07
		189	34.28	15.40	-0.85	12.85	1.70	5.91	1.97	0.79	1.96	0.81	0.15
		1594	17.49	9.68	0.02	9.49	0.22	-1.36	0.33	-0.93	-0.51	-0.09	-0.60
1897	2	1897	90.68	23.74	-54.56	-19.31	-11.51	-38.95	-0.32	-0.90	-0.88	-0.35	-0.12
		172	84.54	62.45	1.94	56.21	8.17	18.40	0.48	-1.15	0.48	-1.15	-0.06
		189	118.57	7.87	-88.39	-62.94	-17.58	-42.45	1.36	0.72	0.72	1.36	0.03
		1594	35.93	28.75	2.69	28.01	3.43	4.33	-0.23	-0.37	-0.27	-0.33	-0.06
1897	3	1897	9.42	1.77	-3.89	-2.03	-0.09	-2.66	-0.05	-0.39	-0.22	-0.22	-0.17
		172	4.26	1.18	-0.66	0.78	-0.26	-0.76	0.09	-0.23	0.09	-0.23	-0.03
		189	7.89	0.69	-2.40	-0.89	-0.82	-1.55	0.70	0.39	0.70	0.40	0.05
		1594	8.29	5.10	0.33	5.10	0.33	-0.05	0.08	-0.33	-0.19	-0.06	-0.19
1897	4	1897	34.09	8.78	-20.40	-7.40	-4.23	-14.50	-0.14	-0.37	-0.36	-0.15	-0.05
		172	31.70	23.13	0.57	20.80	2.90	6.87	0.19	-0.47	0.19	-0.46	-0.02
		189	44.59	3.02	-32.91	-23.35	-6.54	-15.88	0.56	0.33	0.33	0.56	0.02
		1594	13.77	10.86	1.00	10.59	1.28	1.63	-0.09	-0.16	-0.12	-0.13	-0.04
1898	1	1896	7.19	6.93e-03	-3.36	-3.36	1.47e-03	0.14	0.26	-0.43	-0.10	-0.07	-0.35
		1897	7.77	-0.57	-3.81	-3.60	-0.78	-0.79	0.26	-0.43	0.05	-0.21	-0.32
		1594	15.86	10.64	1.74e-03	10.64	1.80e-03	-0.03	0.43	-0.53	-0.07	-0.03	-0.48
		1595	15.09	11.12	0.14	11.12	0.14	0.03	0.32	-0.32	-0.02	0.02	-0.32
1898	2	1896	56.01	15.93	-33.74	-15.97	-1.85	-23.81	-0.11	-0.33	-0.33	-0.11	-6.87e-03
		1897	46.59	18.46	-23.03	-4.96	0.39	-20.57	0.35	-0.10	0.35	-0.09	0.06
		1594	32.59	24.68	-1.23	23.16	0.30	-6.10	0.01	-0.45	-0.31	-0.13	-0.21
		1595	98.66	78.42	-0.46	78.26	-0.29	-3.61	0.19	7.72e-03	0.10	0.10	0.09
1898	3	1896	6.47	0.84	-3.31	-2.35	-0.13	-1.75	0.06	-0.16	-0.07	-0.03	-0.11
		1897	5.60	1.05	-2.84	-1.61	-0.18	-1.81	0.10	-0.13	0.05	-0.08	-0.09
		1594	6.95	5.08	-2.43e-04	5.04	0.04	-0.45	0.13	-0.21	-0.06	-0.02	-0.17
		1595	11.78	9.35	0.02	9.34	0.03	-0.28	0.10	-0.08	1.61e-03	0.02	-0.09
1898	4	1896	21.00	5.87	-12.64	-6.08	-0.68	-8.85	-0.04	-0.14	-0.14	-0.04	-7.33e-03
		1897	17.39	6.82	-8.67	-2.01	0.16	-7.67	0.14	-0.04	0.14	-0.04	0.02
		1594	12.27	9.29	-0.42	8.75	0.13	-2.25	0.01	-0.19	-0.13	-0.05	-0.09
		1595	36.85	29.30	-0.16	29.24	-0.10	-1.36	0.07	7.29e-03	0.04	0.04	0.03
1899	1	1895	7.78	-0.14	-3.57	-3.40	-0.31	0.74	0.30	-0.34	-0.03	-8.91e-03	-0.32
		1896	7.01	-0.18	-3.36	-3.36	-0.18	0.06	0.32	-0.33	0.02	-0.04	-0.32
		1595	15.44	11.07	0.05	11.07	0.05	0.05	0.32	-0.40	-0.06	-0.02	-0.36
		1596	13.80	10.25	0.09	10.25	0.09	0.06	0.32	-0.31	4.72e-03	7.41e-03	-0.32
1899	2	1895	50.22	10.78	-33.36	-21.81	-0.77	-19.41	-0.01	-0.14	-0.14	-0.02	0.02



		1896	48.25	12.17	-30.39	-16.10	-2.12	-20.10	0.13	0.02	0.13	0.03	0.02
		1595	99.97	79.41	0.30	79.18	0.53	-4.25	-0.05	-0.13	-0.13	-0.06	-0.02
		1596	156.53	124.95	-0.15	124.89	-0.08	-2.94	0.07	0.01	0.05	0.03	0.03
1899	3	1895	5.57	0.36	-3.27	-2.77	-0.14	-1.25	0.08	-0.11	-0.02	-5.46e-03	-0.10
		1896	5.52	0.58	-3.14	-2.35	-0.20	-1.52	0.10	-0.09	0.02	-0.01	-0.10
		1595	12.01	9.40	0.06	9.40	0.07	-0.28	0.09	-0.14	-0.03	-0.01	-0.11
		1596	15.89	12.61	0.03	12.60	0.03	-0.22	0.10	-0.09	5.52e-03	5.84e-03	-0.09
1899	4	1895	18.82	3.99	-12.49	-8.23	-0.28	-7.21	-7.31e-03	-0.06	-0.06	-7.68e-03	4.22e-03
		1896	18.01	4.50	-11.41	-6.13	-0.77	-7.49	0.05	9.89e-03	0.05	0.01	5.27e-03
		1595	37.36	29.66	0.13	29.58	0.21	-1.56	-0.02	-0.06	-0.05	-0.02	-0.01
		1596	58.37	46.60	-0.04	46.57	-0.02	-1.11	0.02	8.37e-03	0.02	0.01	7.06e-03
1900	1	1894	9.01	0.24	-3.86	-3.33	-0.29	1.38	0.31	-0.33	-0.02	-3.62e-03	-0.32
		1895	8.10	-0.01	-3.56	-3.38	-0.20	0.79	0.33	-0.32	9.26e-03	-7.63e-04	-0.32
		1596	14.05	10.22	0.05	10.22	0.05	0.15	0.31	-0.34	-0.02	-5.65e-03	-0.33
		1597	11.30	7.91	0.09	7.90	0.09	0.18	0.32	-0.32	6.80e-05	2.50e-03	-0.32
1900	2	1894	47.36	6.30	-34.03	-26.62	-1.11	-15.61	8.47e-03	-0.07	-0.07	7.75e-03	7.51e-03
		1895	46.38	8.10	-32.15	-22.26	-1.79	-17.32	0.05	0.03	0.05	0.04	9.23e-03
		1596	157.27	125.67	0.34	125.57	0.43	-3.44	-0.01	-0.05	-0.05	-0.02	0.01
		1597	204.35	163.39	7.84e-03	163.35	0.04	-2.42	0.02	0.01	0.02	0.01	1.11e-03
1900	3	1894	5.06	0.03	-3.28	-3.09	-0.16	-0.77	0.09	-0.10	-0.01	-1.31e-03	-0.10
		1895	5.17	0.21	-3.19	-2.80	-0.18	-1.09	0.10	-0.09	7.62e-03	2.95e-03	-0.10
		1596	15.91	12.65	0.06	12.64	0.06	-0.19	0.09	-0.11	-0.01	-3.57e-03	-0.10
		1597	18.58	14.81	0.04	14.81	0.04	-0.15	0.10	-0.10	1.17e-03	1.97e-03	-0.10
1900	4	1894	17.74	2.33	-12.72	-9.99	-0.40	-5.80	2.05e-03	-0.03	-0.03	2.05e-03	-9.48e-05
		1895	17.32	3.00	-12.05	-8.39	-0.65	-6.46	0.02	0.02	0.02	0.02	-8.61e-05
		1596	58.65	46.86	0.14	46.82	0.17	-1.26	-7.00e-03	-0.02	-0.02	-7.04e-03	6.84e-04
		1597	76.13	60.88	0.02	60.87	0.03	-0.92	8.48e-03	2.73e-03	6.59e-03	4.62e-03	-2.70e-03
1901	1	1893	10.32	0.80	-4.23	-3.14	-0.29	2.07	0.31	-0.33	-0.01	-6.54e-03	-0.32
		1894	9.36	0.38	-3.91	-3.30	-0.24	1.50	0.32	-0.32	1.95e-03	1.53e-03	-0.32
		1597	11.43	7.87	0.05	7.86	0.06	0.25	0.31	-0.33	-0.01	-1.90e-03	-0.32
		1598	7.67	4.01	0.06	3.99	0.09	0.31	0.32	-0.32	-5.69e-03	1.08e-03	-0.32
1901	2	1893	45.78	3.07	-34.62	-30.27	-1.29	-12.05	0.02	-0.04	-0.04	0.02	-9.66e-03
		1894	44.85	4.71	-33.27	-26.98	-1.58	-14.12	0.04	0.02	0.02	0.03	-3.36e-03
		1597	204.89	163.89	0.30	163.85	0.34	-2.75	-6.01e-03	-0.03	-0.02	-6.51e-03	3.05e-03
		1598	242.16	193.74	0.11	193.73	0.13	-1.84	0.02	-8.73e-03	7.03e-03	4.80e-03	-0.01
1901	3	1893	4.65	-0.15	-3.31	-3.29	-0.17	-0.29	0.09	-0.10	-8.93e-03	-1.42e-03	-0.10
		1894	4.81	-0.05	-3.24	-3.11	-0.18	-0.63	0.10	-0.10	2.02e-03	3.11e-03	-0.10
		1597	18.61	14.84	0.06	14.83	0.06	-0.11	0.09	-0.10	-6.69e-03	-1.27e-03	-0.10
		1598	19.97	15.94	0.05	15.94	0.05	-0.07	0.10	-0.10	-1.87e-03	8.40e-04	-0.10
1901	4	1893	17.13	1.14	-12.93	-11.33	-0.47	-4.48	6.77e-03	-0.02	-0.02	5.08e-03	-6.36e-03
		1894	16.82	1.76	-12.46	-10.12	-0.57	-5.26	0.02	4.28e-03	6.62e-03	0.01	-4.51e-03
		1597	76.35	61.07	0.12	61.05	0.14	-1.00	-2.21e-03	-0.01	-0.01	-2.63e-03	-1.92e-03
		1598	90.18	72.16	0.05	72.16	0.06	-0.70	0.01	-6.44e-03	1.89e-03	1.94e-03	-8.36e-03
1902	1	1892	11.66	1.54	-4.63	-2.78	-0.30	2.82	0.30	-0.33	-0.01	-0.01	-0.31
		1893	10.67	0.96	-4.32	-3.09	-0.26	2.23	0.32	-0.32	-2.98e-03	-3.45e-03	-0.32
		1598	7.75	3.97	0.03	3.93	0.06	0.37	0.31	-0.32	-0.01	-8.42e-04	-0.32
		1599	6.34	0.20	-1.71	-1.60	0.09	0.44	0.31	-0.32	-0.01	5.09e-04	-0.31
1902	2	1892	44.75	0.81	-35.01	-32.84	-1.36	-8.55	0.03	-0.04	-0.03	0.02	-0.03
		1893	44.18	2.05	-34.09	-30.54	-1.50	-10.76	0.04	-4.44e-03	3.45e-03	0.03	-0.02
		1598	242.59	194.11	0.27	194.09	0.29	-2.10	4.31e-03	-0.02	-0.01	-2.99e-03	-0.01
		1599	269.96	216.04	0.16	216.04	0.17	-1.25	0.03	-0.03	1.81e-03	2.33e-03	-0.03
1902	3	1892	4.51	-0.17	-3.37	-3.36	-0.18	0.20	0.09	-0.10	-7.18e-03	-2.81e-03	-0.10
		1893	4.47	-0.17	-3.30	-3.29	-0.18	-0.16	0.10	-0.10	-1.07e-03	9.93e-04	-0.10
		1598	20.01	15.95	0.05	15.95	0.05	-0.03	0.09	-0.10	-5.76e-03	-5.72e-04	-0.10
		1599	20.02	15.96	0.05	15.96	0.05	0.02	0.10	-0.10	-4.17e-03	4.06e-04	-0.10
1902	4	1892	16.73	0.31	-13.07	-12.26	-0.49	-3.17	0.01	-0.02	-0.01	6.09e-03	-0.01
		1893	16.55	0.77	-12.74	-11.43	-0.54	-4.01	0.02	-4.54e-03	8.41e-04	0.01	-9.06e-03
		1598	90.36	72.30	0.11	72.29	0.12	-0.76	3.70e-03	-0.01	-6.87e-03	-1.21e-03	-7.20e-03
		1599	100.52	80.45	0.07	80.45	0.08	-0.48	0.01	-0.01	-3.06e-04	9.46e-04	-0.01
1903	1	1891	13.03	2.46	-5.03	-2.25	-0.32	3.61	0.29	-0.32	-0.01	-0.02	-0.30
		1892	12.02	1.73	-4.73	-2.72	-0.28	2.99	0.31	-0.32	-6.80e-03	-0.01	-0.31
		1599	6.46	0.19	-1.81	-1.68	0.06	0.49	0.31	-0.32	-0.01	-4.65e-04	-0.31
		1600	12.70	0.13	-9.00	-8.96	0.09	0.58	0.29	-0.31	-0.02	2.18e-04	-0.30
1903	2	1891	43.95	-0.64	-35.14	-34.38	-1.40	-5.07	0.04	-0.04	-0.02	0.02	-0.04
		1892	43.71	0.16	-34.64	-33.02	-1.46	-7.33	0.04	-0.02	-3.35e-03	0.03	-0.03
		1599	270.28	216.29	0.26	216.28	0.27	-1.48	0.02	-0.03	-9.45e-03	-1.51e-03	-0.03
		1600	287.75	230.29	0.20	230.29	0.20	-0.64	0.04	-0.04	-9.08e-04	1.18e-03	-0.04
1903	3	1891	5.02	-0.04	-3.45	-3.30	-0.19	0.69	0.09	-0.10	-6.65e-03	-4.94e-03	-0.10
		1892	4.66	-0.15	-3.39	-3.35	-0.18	0.32	0.10	-0.10	-3.01e-03	-1.50e-03	-0.10
		1599	20.04	15.96	0.05	15.96	0.05	0.06	0.09	-0.10	-6.21e-03	-3.00e-04	-0.10
		1600	18.67	14.85	0.05	14.85	0.06	0.10	0.09	-0.10	-6.27e-03	1.96e-04	-0.10
1903	4	1891	16.41	-0.23	-13.10	-12.82	-0.51	-1.88	0.02	-0.02	-8.35e-03	6.29e-03	-0.02
		1892	16.35	0.07	-12.94	-12.33	-0.53	-2.73	0.02	-0.01	-1.98e-03	9.03e-03	-0.01
		1599	100.65	80.54	0.11	80.54	0.11	-0.53	9.87e-03	-0.02	-4.87e-03	-6.09e-04	-0.01
		1600	107.13	85.74	0.09	85.74	0.09	-0.26	0.02	-0.02	-1.46e-03	4.81e-04	-0.02
1904	1	1890	14.44	3.56	-5.41	-1.51	-0.34	4.45	0.27	-0.31	-0.02	-0.03	-0.29
		1891	13.39	2.67	-5.13	-2.17	-0.29	3.79	0.29	-0.32	-0.01	-0.02	-0.31



		1600	12.83	0.11	-9.10	-9.06	0.06	0.63	0.29	-0.31	-0.02	-3.06e-04	-0.30
		1601	23.41	0.13	-18.21	-18.18	0.10	0.72	0.28	-0.30	-0.02	4.72e-05	-0.29
1904	2	1890	43.22	-1.35	-34.99	-34.92	-1.42	-1.58	0.06	-0.05	-0.01	0.02	-0.05
		1891	43.34	-1.00	-34.93	-34.48	-1.45	-3.87	0.05	-0.04	-6.81e-03	0.02	-0.04
		1600	287.94	230.43	0.24	230.42	0.25	-0.87	0.04	-0.04	-6.73e-03	-7.66e-04	-0.04
		1601	295.49	236.47	0.22	236.47	0.22	-0.03	0.05	-0.05	-2.67e-03	5.73e-04	-0.05
1904	3	1890	5.56	0.24	-3.55	-3.12	-0.20	1.21	0.08	-0.10	-6.87e-03	-7.73e-03	-0.09
		1891	5.19	0.02	-3.49	-3.29	-0.18	0.82	0.09	-0.10	-4.47e-03	-4.25e-03	-0.10
		1600	18.67	14.83	0.05	14.83	0.05	0.14	0.09	-0.10	-7.35e-03	-1.72e-04	-0.10
		1601	15.88	12.58	0.06	12.58	0.06	0.19	0.09	-0.10	-8.51e-03	7.91e-05	-0.09
1904	4	1890	16.13	-0.49	-13.04	-13.02	-0.52	-0.58	0.02	-0.02	-6.61e-03	6.13e-03	-0.02
		1891	16.19	-0.36	-13.03	-12.86	-0.53	-1.45	0.02	-0.02	-3.42e-03	7.81e-03	-0.02
		1600	107.20	85.79	0.10	85.79	0.10	-0.30	0.02	-0.02	-3.82e-03	-3.09e-04	-0.02
		1601	110.00	88.03	0.09	88.03	0.09	-0.03	0.02	-0.02	-2.18e-03	2.35e-04	-0.02
1905	1	1889	15.89	4.86	-5.77	-0.55	-0.36	5.32	0.24	-0.30	-0.02	-0.04	-0.27
		1890	14.81	3.79	-5.51	-1.41	-0.31	4.62	0.27	-0.31	-0.01	-0.03	-0.29
		1601	23.56	0.09	-18.34	-18.30	0.06	0.77	0.28	-0.30	-0.02	-2.33e-04	-0.29
		1602	37.16	0.13	-29.40	-29.37	0.11	0.87	0.25	-0.28	-0.03	-7.52e-05	-0.27
1905	2	1889	42.54	-1.33	-34.59	-34.48	-1.44	1.90	0.07	-0.06	-0.01	0.02	-0.06
		1890	43.01	-1.43	-34.94	-34.94	-1.43	-0.40	0.06	-0.05	-8.88e-03	0.02	-0.05
		1601	295.53	236.50	0.23	236.50	0.23	-0.26	0.05	-0.06	-5.44e-03	-3.46e-04	-0.05
		1602	293.15	234.60	0.23	234.59	0.24	0.58	0.06	-0.07	-4.28e-03	2.10e-04	-0.06
1905	3	1889	6.14	0.66	-3.66	-2.79	-0.20	1.73	0.08	-0.10	-7.63e-03	-0.01	-0.09
		1890	5.76	0.33	-3.61	-3.09	-0.19	1.33	0.09	-0.10	-5.82e-03	-7.40e-03	-0.09
		1601	15.86	12.55	0.04	12.54	0.05	0.23	0.09	-0.10	-9.06e-03	-1.05e-04	-0.09
		1602	11.63	9.12	0.05	9.11	0.06	0.28	0.08	-0.09	-0.01	3.69e-06	-0.09
1905	4	1889	15.86	-0.48	-12.89	-12.85	-0.52	0.72	0.03	-0.03	-5.67e-03	5.82e-03	-0.03
		1890	16.05	-0.52	-13.02	-13.02	-0.52	-0.15	0.02	-0.02	-4.27e-03	6.85e-03	-0.02
		1601	110.02	88.04	0.10	88.04	0.10	-0.07	0.02	-0.02	-3.31e-03	-1.39e-04	-0.02
		1602	109.12	87.32	0.10	87.32	0.10	0.20	0.02	-0.03	-2.80e-03	8.81e-05	-0.03
1906	1	1888	17.41	6.40	-6.10	0.67	-0.38	6.23	0.20	-0.28	-0.02	-0.05	-0.24
		1889	16.28	5.12	-5.87	-0.43	-0.32	5.49	0.24	-0.30	-0.02	-0.04	-0.27
		1602	37.31	0.09	-29.55	-29.52	0.06	0.92	0.25	-0.28	-0.03	-1.91e-04	-0.27
		1603	53.78	0.14	-42.65	-42.63	0.11	1.04	0.22	-0.26	-0.04	-1.93e-04	-0.24
1906	2	1888	42.30	-0.56	-33.96	-33.07	-1.45	5.39	0.08	-0.07	-0.01	0.02	-0.07
		1889	42.71	-1.13	-34.70	-34.42	-1.42	3.08	0.07	-0.06	-0.01	0.02	-0.07
		1602	293.06	234.51	0.21	234.51	0.21	0.36	0.06	-0.07	-5.09e-03	-5.90e-05	-0.06
		1603	280.73	224.65	0.25	224.64	0.25	1.19	0.07	-0.08	-6.22e-03	-6.24e-05	-0.07
1906	3	1888	6.76	1.23	-3.77	-2.33	-0.21	2.26	0.07	-0.09	-8.81e-03	-0.02	-0.08
		1889	6.35	0.78	-3.73	-2.75	-0.19	1.86	0.08	-0.10	-7.33e-03	-0.01	-0.09
		1602	11.59	9.07	0.03	9.06	0.05	0.32	0.08	-0.09	-0.01	-6.23e-05	-0.09
		1603	5.99	4.45	0.03	4.42	0.06	0.38	0.07	-0.08	-0.01	-6.00e-05	-0.08
1906	4	1888	15.77	-0.19	-12.66	-12.32	-0.53	2.02	0.03	-0.03	-5.17e-03	5.46e-03	-0.03
		1889	15.92	-0.41	-12.93	-12.82	-0.52	1.14	0.03	-0.03	-4.99e-03	6.03e-03	-0.03
		1602	109.09	87.29	0.09	87.29	0.09	0.15	0.02	-0.03	-3.14e-03	-2.33e-05	-0.03
		1603	104.49	83.61	0.10	83.61	0.11	0.42	0.03	-0.03	-3.52e-03	-2.13e-05	-0.03
1907	1	1887	19.02	8.18	-6.40	2.18	-0.40	7.18	0.15	-0.25	-0.03	-0.07	-0.20
		1888	17.81	6.67	-6.19	0.81	-0.34	6.40	0.20	-0.28	-0.02	-0.06	-0.24
		1603	53.96	0.08	-42.83	-42.80	0.06	1.08	0.22	-0.26	-0.04	-1.42e-04	-0.24
		1604	73.17	0.14	-58.08	-58.05	0.12	1.21	0.17	-0.23	-0.06	-3.44e-04	-0.20
1907	2	1887	42.60	1.02	-33.16	-30.68	-1.46	8.87	0.09	-0.08	-0.01	0.02	-0.08
		1888	42.98	-0.09	-34.24	-32.92	-1.41	6.57	0.08	-0.08	-0.01	0.02	-0.08
		1603	280.52	224.46	0.19	224.46	0.20	0.97	0.07	-0.08	-5.37e-03	2.14e-04	-0.07
		1604	258.25	206.65	0.25	206.63	0.27	1.80	0.08	-0.09	-8.82e-03	-3.54e-04	-0.08
1907	3	1887	7.44	1.95	-3.87	-1.70	-0.22	2.81	0.05	-0.08	-0.01	-0.02	-0.07
		1888	7.00	1.37	-3.84	-2.27	-0.19	2.39	0.07	-0.09	-9.21e-03	-0.02	-0.08
		1603	5.95	4.39	4.74e-03	4.35	0.04	0.42	0.07	-0.08	-0.01	-1.96e-05	-0.08
		1604	2.74	0.20	-1.65	-1.52	0.07	0.47	0.06	-0.08	-0.02	-1.35e-04	-0.07
1907	4	1887	15.90	0.40	-12.37	-11.44	-0.53	3.31	0.03	-0.03	-4.83e-03	5.16e-03	-0.03
		1888	16.02	-0.02	-12.76	-12.27	-0.51	2.44	0.03	-0.03	-5.87e-03	5.25e-03	-0.03
		1603	104.41	83.54	0.08	83.54	0.09	0.38	0.03	-0.03	-3.19e-03	8.57e-05	-0.03
		1604	96.12	76.91	0.11	76.90	0.11	0.65	0.03	-0.03	-4.46e-03	-1.38e-04	-0.03
1908	1	1886	20.73	10.25	-6.66	4.01	-0.42	8.16	0.09	-0.22	-0.04	-0.10	-0.15
		1887	19.44	8.47	-6.48	2.34	-0.35	7.35	0.15	-0.26	-0.03	-0.07	-0.20
		1604	73.38	0.08	-58.29	-58.26	0.06	1.25	0.17	-0.23	-0.06	-4.27e-05	-0.20
		1605	95.46	0.15	-75.78	-75.76	0.12	1.39	0.11	-0.18	-0.07	-5.80e-04	-0.14
1908	2	1886	43.49	3.48	-32.25	-27.31	-1.47	12.34	0.10	-0.09	-9.56e-03	0.01	-0.09
		1887	43.65	1.75	-33.59	-30.45	-1.39	10.05	0.08	-0.09	-0.02	0.01	-0.09
		1604	257.91	206.35	0.17	206.33	0.18	1.58	0.08	-0.09	-5.96e-03	5.84e-04	-0.08
		1605	225.73	180.59	0.25	180.56	0.28	2.41	0.09	-0.10	-0.01	-7.83e-04	-0.09
1908	3	1886	8.18	2.81	-3.95	-0.91	-0.22	3.37	0.03	-0.07	-0.01	-0.03	-0.05
		1887	7.69	2.11	-3.94	-1.64	-0.20	2.94	0.05	-0.08	-0.01	-0.02	-0.07
		1604	2.86	0.19	-1.75	-1.61	0.04	0.51	0.06	-0.08	-0.02	4.70e-05	-0.07
		1605	11.21	0.11	-8.79	-8.75	0.07	0.57	0.04	-0.06	-0.02	-2.48e-04	-0.05
1908	4	1886	16.23	1.31	-12.03	-10.19	-0.53	4.60	0.04	-0.03	-4.37e-03	5.00e-03	-0.03
		1887	16.27	0.66	-12.52	-11.35	-0.50	3.74	0.03	-0.03	-7.21e-03	4.42e-03	-0.03
		1604	95.99	76.80	0.07	76.79	0.08	0.61	0.03	-0.03	-3.33e-03	2.33e-04	-0.03



		1605	84.01	67.21	0.11	67.19	0.12	0.88	0.03	-0.04	-5.79e-03	-3.08e-04	-0.04
1909	1	1885	22.59	12.65	-6.87	6.22	-0.43	9.18	5.41e-03	-0.17	-0.04	-0.12	-0.08
		1886	21.18	10.56	-6.72	4.20	-0.37	8.33	0.08	-0.22	-0.04	-0.10	-0.15
		1605	95.69	0.08	-76.02	-76.00	0.05	1.44	0.11	-0.18	-0.07	1.76e-04	-0.14
		1606	120.78	0.15	-95.87	-95.85	0.13	1.58	0.04	-0.13	-0.09	-9.90e-04	-0.07
1909	2	1885	45.22	6.89	-31.28	-22.92	-1.48	15.79	0.10	-0.10	-7.27e-03	0.01	-0.10
		1886	44.89	4.44	-32.81	-26.99	-1.37	13.52	0.09	-0.10	-0.02	0.01	-0.09
		1605	225.24	180.18	0.13	180.15	0.16	2.19	0.09	-0.09	-6.42e-03	1.20e-03	-0.09
		1606	183.19	146.49	0.24	146.43	0.30	3.03	0.09	-0.11	-0.02	-1.53e-03	-0.10
1909	3	1885	9.02	3.85	-4.02	0.06	-0.23	3.93	8.07e-03	-0.06	-0.01	-0.04	-0.03
		1886	8.46	2.99	-4.02	-0.83	-0.20	3.49	0.03	-0.07	-0.02	-0.03	-0.05
		1605	11.31	0.08	-8.89	-8.85	0.04	0.61	0.04	-0.06	-0.02	1.73e-04	-0.05
		1606	21.96	0.10	-17.32	-17.29	0.07	0.68	0.02	-0.05	-0.03	-4.44e-04	-0.03
1909	4	1885	16.89	2.57	-11.68	-8.57	-0.54	5.89	0.04	-0.04	-3.36e-03	5.12e-03	-0.04
		1886	16.74	1.66	-12.23	-10.08	-0.50	5.03	0.03	-0.04	-9.40e-03	3.45e-03	-0.04
		1605	83.83	67.06	0.06	67.04	0.07	0.83	0.03	-0.04	-3.40e-03	4.78e-04	-0.03
		1606	68.18	54.52	0.10	54.49	0.12	1.10	0.03	-0.04	-7.71e-03	-6.03e-04	-0.04
1910	1	1884	25.18	15.44	-7.02	8.86	-0.45	10.22	-0.05	-0.16	-0.05	-0.16	8.81e-03
		1885	23.08	12.97	-6.92	6.43	-0.38	9.34	-1.27e-03	-0.18	-0.05	-0.13	-0.08
		1606	121.04	0.08	-96.15	-96.12	0.05	1.63	0.04	-0.13	-0.09	6.48e-04	-0.07
		1607	149.29	0.16	-118.45	-118.42	0.13	1.78	7.59e-05	-0.12	-0.12	-1.76e-03	0.01
1910	2	1884	48.09	11.33	-30.31	-17.49	-1.49	19.22	0.11	-0.10	-1.70e-03	0.02	-0.10
		1885	46.97	8.07	-31.94	-22.52	-1.35	16.98	0.09	-0.12	-0.03	7.14e-03	-0.10
		1606	182.54	145.97	0.09	145.92	0.14	2.80	0.10	-0.10	-5.98e-03	2.33e-03	-0.10
		1607	130.72	104.40	0.19	104.27	0.32	3.64	0.09	-0.12	-0.03	-2.92e-03	-0.11
1910	3	1884	9.96	5.06	-4.06	1.24	-0.23	4.50	-0.02	-0.05	-0.02	-0.05	-5.19e-03
		1885	9.31	4.03	-4.08	0.15	-0.20	4.06	4.80e-03	-0.06	-0.02	-0.04	-0.03
		1606	22.07	0.07	-17.44	-17.41	0.04	0.71	0.02	-0.05	-0.03	4.25e-04	-0.03
		1607	34.42	0.10	-27.20	-27.18	0.08	0.78	-4.21e-04	-0.04	-0.04	-8.12e-04	-3.87e-03
1910	4	1884	17.96	4.22	-11.33	-6.57	-0.54	7.17	0.04	-0.04	-1.02e-03	5.78e-03	-0.04
		1885	17.51	3.00	-11.92	-8.43	-0.49	6.32	0.03	-0.04	-0.01	2.14e-03	-0.04
		1606	67.94	54.33	0.04	54.30	0.07	1.06	0.04	-0.04	-3.07e-03	9.24e-04	-0.04
		1607	48.65	38.85	0.08	38.81	0.13	1.33	0.03	-0.05	-0.01	-1.15e-03	-0.04
1911	1	1883	30.82	18.68	-7.11	12.02	-0.45	11.29	0.01	-0.27	-0.06	-0.20	0.12
		1884	25.46	15.76	-7.06	9.10	-0.40	10.38	-0.07	-0.17	-0.07	-0.17	4.87e-03
		1607	149.55	0.08	-118.76	-118.73	0.05	1.83	3.93e-03	-0.11	-0.11	1.66e-03	0.02
		1608	181.12	0.16	-143.61	-143.59	0.13	1.99	0.07	-0.23	-0.16	-3.40e-03	0.13
1911	2	1883	52.35	16.87	-29.36	-10.97	-1.51	22.63	0.12	-0.09	0.01	0.02	-0.11
		1884	50.19	12.71	-31.04	-17.01	-1.32	20.42	0.09	-0.14	-0.05	1.77e-03	-0.11
		1607	129.86	103.76	6.48e-03	103.65	0.12	3.41	0.11	-0.10	-3.20e-03	4.54e-03	-0.10
		1608	68.62	54.42	1.79e-03	54.08	0.34	4.26	0.09	-0.14	-0.04	-5.79e-03	-0.12
1911	3	1883	12.02	6.48	-4.07	2.64	-0.23	5.08	-2.23e-03	-0.07	-0.02	-0.06	0.03
		1884	10.29	5.25	-4.12	1.34	-0.21	4.62	-0.02	-0.05	-0.03	-0.05	-7.08e-03
		1607	34.53	0.06	-27.34	-27.31	0.04	0.82	1.22e-03	-0.03	-0.03	9.41e-04	-3.13e-03
		1608	48.62	0.10	-38.46	-38.44	0.08	0.89	0.01	-0.06	-0.05	-1.58e-03	0.03
1911	4	1883	19.53	6.27	-10.99	-4.17	-0.55	8.43	0.05	-0.03	4.07e-03	7.36e-03	-0.04
		1884	18.71	4.72	-11.59	-6.39	-0.48	7.60	0.03	-0.05	-0.02	1.41e-04	-0.04
		1607	48.33	38.62	0.01	38.57	0.06	1.29	0.04	-0.04	-1.80e-03	1.79e-03	-0.04
		1608	25.54	20.25	0.02	20.13	0.14	1.56	0.03	-0.05	-0.02	-2.29e-03	-0.04
1912	1	1882	37.46	22.49	-7.11	15.79	-0.41	12.39	0.13	-0.45	-0.06	-0.26	0.27
		1883	30.94	18.98	-7.14	12.28	-0.44	11.41	-0.03	-0.29	-0.10	-0.21	0.12
		1608	181.36	0.10	-143.95	-143.92	0.07	2.06	0.08	-0.21	-0.14	3.97e-03	0.13
		1609	216.44	0.13	-171.46	-171.43	0.11	2.21	0.19	-0.40	-0.20	-7.67e-03	0.28
1912	2	1882	58.15	23.55	-28.45	-3.33	-1.56	25.98	0.14	-0.08	0.04	0.03	-0.11
		1883	54.87	18.46	-30.14	-10.41	-1.27	23.87	0.08	-0.17	-0.08	-7.35e-03	-0.12
		1608	67.45	53.65	-0.21	53.35	0.09	4.02	0.12	-0.10	4.95e-03	9.43e-03	-0.11
		1609	13.46	3.51	-7.26	-4.12	0.36	4.89	0.09	-0.16	-0.06	-0.01	-0.12
1912	3	1882	14.61	8.14	-4.05	4.31	-0.23	5.66	0.03	-0.12	-0.02	-0.07	0.07
		1883	12.19	6.67	-4.13	2.76	-0.21	5.19	-0.02	-0.08	-0.04	-0.06	0.03
		1608	48.72	0.06	-38.62	-38.59	0.04	0.93	0.02	-0.06	-0.04	2.11e-03	0.03
		1609	64.61	0.09	-51.12	-51.10	0.07	1.00	0.04	-0.12	-0.07	-3.56e-03	0.07
1912	4	1882	21.67	8.73	-10.65	-1.35	-0.57	9.68	0.05	-0.03	0.01	0.01	-0.04
		1883	20.44	6.84	-11.26	-3.96	-0.46	8.88	0.03	-0.06	-0.03	-3.34e-03	-0.04
		1608	25.11	19.97	-0.07	19.86	0.05	1.51	0.04	-0.04	1.61e-03	3.73e-03	-0.04
		1609	4.96	1.30	-2.67	-1.52	0.15	1.80	0.03	-0.06	-0.02	-5.13e-03	-0.04
1913	1	1881	45.44	27.03	-6.97	20.31	-0.25	13.54	0.28	-0.68	-0.06	-0.34	0.46
		1882	37.24	22.69	-7.17	16.07	-0.56	12.40	0.05	-0.48	-0.15	-0.28	0.26
		1609	216.61	0.16	-171.83	-171.80	0.13	2.31	0.21	-0.37	-0.16	0.01	0.28
		1610	255.52	0.03	-202.09	-202.06	3.21e-03	2.42	0.35	-0.66	-0.29	-0.02	0.48
1913	2	1881	65.44	31.39	-27.52	5.51	-1.64	29.23	0.18	-0.05	0.10	0.03	-0.11
		1882	61.35	25.42	-29.30	-2.69	-1.19	27.35	0.06	-0.22	-0.13	-0.03	-0.13
		1609	13.48	2.80	-7.70	-4.97	0.07	4.61	0.14	-0.09	0.03	0.02	-0.12
		1610	89.65	0.80	-70.77	-70.33	0.36	5.56	0.04	-0.19	-0.12	-0.04	-0.11
1913	3	1881	17.73	10.09	-3.98	6.29	-0.19	6.24	0.08	-0.19	-7.51e-03	-0.10	0.13
		1882	14.66	8.31	-4.11	4.44	-0.24	5.75	-2.69e-03	-0.14	-0.06	-0.09	0.07
		1609	64.67	0.08	-51.29	-51.27	0.06	1.05	0.06	-0.10	-0.05	5.38e-03	0.07
		1610	82.50	0.06	-65.21	-65.19	0.04	1.12	0.09	-0.20	-0.10	-0.01	0.14



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

1913	4	1881	24.35	11.62	-10.31	1.91	-0.60	10.89	0.07	-0.02	0.04	0.01	-0.04
		1882	22.83	9.41	-10.96	-1.12	-0.43	10.18	0.02	-0.08	-0.05	-0.01	-0.05
		1609	5.05	1.07	-2.87	-1.84	0.04	1.73	0.05	-0.03	0.01	9.27e-03	-0.04
		1610	33.37	0.31	-26.32	-26.16	0.15	2.05	0.01	-0.07	-0.05	-0.01	-0.04
1914	1	1880	55.48	32.65	-6.40	25.90	0.35	14.76	0.46	-1.03	-0.03	-0.54	0.70
		1881	44.55	26.87	-7.34	20.54	-1.01	13.29	0.15	-0.76	-0.24	-0.38	0.45
		1610	255.55	0.49	-202.42	-202.38	0.46	2.59	0.39	-0.55	-0.19	0.03	0.45
		1611	299.03	-0.50	-235.70	-235.67	-0.53	2.71	0.59	-1.14	-0.48	-0.07	0.84
1914	2	1880	73.66	40.50	-26.05	15.92	-1.46	32.12	0.30	-0.04	0.26	-5.30e-04	-0.11
		1881	69.96	33.70	-28.75	6.17	-1.23	31.00	-0.02	-0.33	-0.27	-0.08	-0.12
		1610	90.68	0.61	-71.68	-71.31	0.24	5.15	0.22	-0.07	0.08	0.07	-0.14
		1611	183.50	0.25	-144.99	-144.71	-0.03	6.40	-0.13	-0.29	-0.29	-0.13	8.06e-03
1914	3	1880	21.58	12.45	-3.74	8.71	6.48e-03	6.83	0.15	-0.29	0.02	-0.16	0.20
		1881	17.56	10.16	-4.13	6.41	-0.38	6.29	0.02	-0.23	-0.10	-0.12	0.12
		1610	82.47	0.19	-65.38	-65.36	0.17	1.18	0.11	-0.14	-0.05	0.02	0.12
		1611	102.55	-0.13	-80.80	-80.78	-0.15	1.26	0.16	-0.36	-0.17	-0.03	0.25
1914	4	1880	27.36	14.98	-9.77	5.75	-0.53	11.97	0.11	-0.01	0.10	-8.00e-04	-0.04
		1881	26.01	12.47	-10.76	2.15	-0.44	11.54	-0.01	-0.13	-0.11	-0.03	-0.05
		1610	33.75	0.24	-26.66	-26.52	0.10	1.93	0.08	-0.02	0.03	0.03	-0.05
		1611	68.32	0.10	-53.93	-53.83	1.51e-03	2.36	-0.05	-0.11	-0.11	-0.05	6.71e-03
1915	1	1879	68.76	39.89	-4.54	33.77	1.57	15.30	0.59	-1.74	0.08	-1.24	0.96
		1880	54.28	31.53	-8.34	25.38	-2.19	14.40	0.18	-1.37	-0.52	-0.67	0.77
		1611	300.16	2.78	-235.57	-235.55	2.75	2.41	0.60	-0.86	-0.34	0.07	0.70
		1612	345.19	-4.56	-272.99	-272.92	-4.62	4.07	1.21	-1.89	-0.60	-0.08	1.53
1915	2	1879	82.01	52.24	-18.93	31.62	1.70	32.29	0.74	-0.32	0.72	-0.29	-0.15
		1880	81.91	43.06	-30.52	15.63	-3.08	35.58	-0.31	-0.70	-0.70	-0.31	-0.03
		1611	184.44	2.47	-145.70	-145.51	2.28	5.31	0.45	-0.04	0.17	0.23	-0.24
		1612	290.01	-3.81	-229.32	-228.96	-4.18	9.09	0.02	-1.04	-0.70	-0.33	0.49
1915	3	1879	26.48	15.49	-2.69	12.20	0.60	7.00	0.22	-0.52	0.10	-0.40	0.27
		1880	21.55	12.23	-4.57	8.53	-0.87	6.96	1.71e-03	-0.46	-0.22	-0.23	0.23
		1611	102.79	1.01	-80.82	-80.81	1.00	1.13	0.18	-0.22	-0.08	0.05	0.19
		1612	124.38	-1.63	-98.24	-98.20	-1.67	1.87	0.36	-0.67	-0.25	-0.06	0.51
1915	4	1879	30.51	19.31	-7.11	11.56	0.64	12.03	0.29	-0.13	0.28	-0.12	-0.05
		1880	30.40	15.92	-11.41	5.64	-1.13	13.24	-0.12	-0.28	-0.28	-0.12	-7.66e-03
		1611	68.63	0.93	-54.20	-54.13	0.86	1.99	0.17	-0.01	0.07	0.09	-0.09
		1612	108.03	-1.40	-85.31	-85.18	-1.53	3.36	0.01	-0.41	-0.27	-0.13	0.20
1916	1	196	77.69	43.77	-11.08	32.70	-2.23e-03	22.02	0.44	-1.86	0.32	-1.74	0.51
		1879	73.83	40.20	-5.62	33.68	0.90	16.01	-0.44	-3.75	-1.71	-2.48	1.61
		1612	375.51	22.68	-273.01	-273.01	22.68	0.88	0.84	-3.46	-2.15	-0.47	1.98
		236	414.31	-35.58	-306.55	-306.54	-35.60	-2.04	6.90	3.22	6.80	3.33	-0.62
1916	2	196	117.57	80.71	7.65	80.39	7.97	4.83	0.93	-2.58	0.93	-2.57	0.14
		1879	115.80	56.99	-47.28	19.07	-9.35	50.16	-1.08	-2.04	-1.96	-1.16	0.26
		1612	302.20	24.95	-224.86	-224.82	24.90	-3.23	-0.46	-1.03	-0.84	-0.65	0.27
		236	408.29	-45.62	-338.35	-334.24	-49.73	34.44	3.10	2.13	2.19	3.04	-0.22
1916	3	196	30.72	18.24	-2.19	15.56	0.49	6.90	0.21	-0.80	0.19	-0.77	0.17
		1879	30.13	15.75	-4.92	11.21	-0.38	8.56	-0.26	-1.29	-0.70	-0.85	0.51
		1612	134.18	8.60	-97.90	-97.90	8.60	0.02	0.21	-1.14	-0.72	-0.20	0.62
		236	153.71	-14.24	-116.20	-116.16	-14.28	2.03	2.29	1.25	2.25	1.29	-0.21
1916	4	196	44.10	29.81	2.73	29.69	2.85	1.80	0.37	-1.02	0.37	-1.02	0.06
		1879	43.23	21.10	-17.64	6.88	-3.42	18.68	-0.43	-0.81	-0.77	-0.46	0.11
		1612	112.54	9.28	-83.64	-83.62	9.26	-1.20	-0.18	-0.41	-0.34	-0.26	0.11
		236	152.37	-16.93	-125.90	-124.37	-18.47	12.83	1.23	0.86	0.88	1.21	-0.09
1917	1	1859	5.70	3.18	-1.67	-1.24	2.76	1.37	-0.10	-0.16	-0.16	-0.10	3.46e-03
		173	23.53	1.74	-17.23	-12.69	-2.80	-8.10	0.06	-0.23	0.06	-0.23	-5.73e-03
		83	23.39	17.21	-0.95	14.33	1.93	6.64	0.29	0.17	0.19	0.26	0.05
		1613	13.33	10.37	2.39e-03	10.16	0.22	-1.48	-0.05	-0.09	-0.08	-0.06	-0.02
1917	2	1859	93.38	23.69	-54.31	-20.25	-10.37	-38.69	-0.47	-1.15	-0.99	-0.63	-0.29
		173	78.11	56.88	1.39	51.61	6.65	16.26	0.42	-1.31	0.41	-1.31	-0.09
		83	118.08	8.05	-83.01	-57.68	-17.28	-40.80	1.76	1.47	1.59	1.64	0.14
		1613	43.96	32.43	2.99	31.83	3.59	4.16	-0.11	-0.80	-0.55	-0.36	-0.33
1917	3	1859	7.06	1.75	-3.79	-2.14	0.09	-2.53	-0.08	-0.16	-0.15	-0.10	-0.03
		173	3.89	0.92	-1.41	3.17e-03	-0.49	-1.14	0.06	-0.20	0.06	-0.20	-0.01
		83	4.26	0.87	-1.64	-0.03	-0.74	-1.21	0.27	0.21	0.23	0.25	0.03
		1613	7.34	5.60	0.34	5.59	0.35	-0.10	-0.03	-0.11	-0.08	-0.06	-0.04
1917	4	1859	35.06	8.76	-20.32	-7.77	-3.80	-14.40	-0.19	-0.46	-0.40	-0.25	-0.12
		173	29.28	21.03	0.34	19.06	2.31	6.08	0.17	-0.53	0.17	-0.52	-0.03
		83	44.34	3.09	-30.89	-21.37	-6.43	-15.26	0.71	0.59	0.64	0.66	0.06
		1613	16.75	12.24	1.12	12.02	1.34	1.57	-0.04	-0.32	-0.22	-0.14	-0.14
1918	1	1858	5.02	0.03	-3.58	-3.56	2.71e-03	0.29	-0.02	-0.08	-0.06	-0.03	0.03
		1859	5.52	-0.65	-4.10	-3.93	-0.82	-0.75	0.06	-0.04	0.06	-0.04	0.02
		1613	14.75	11.41	-8.57e-03	11.41	-8.55e-03	0.01	-0.01	-0.07	-0.06	-0.02	-0.02
		1614	14.43	11.59	0.15	11.59	0.15	0.06	0.05	-0.02	9.20e-03	0.02	0.04
1918	2	1858	58.24	15.74	-34.42	-16.88	-1.80	-23.92	-0.10	-0.41	-0.36	-0.15	-0.11
		1859	46.38	17.99	-24.30	-6.53	0.22	-20.87	0.32	-0.23	0.32	-0.22	-0.06
		1613	37.20	28.52	-1.03	27.22	0.27	-6.06	0.15	-0.63	-0.35	-0.13	-0.37
		1614	103.39	82.43	-0.42	82.28	-0.27	-3.55	0.10	0.05	0.05	0.09	-0.02
1918	3	1858	5.13	0.77	-3.39	-2.49	-0.13	-1.72	-0.02	-0.06	-0.06	-0.03	-3.80e-03



		1859	4.84	0.96	-3.02	-1.85	-0.21	-1.82	0.05	-0.03	0.05	-0.03	4.68e-04
		1613	7.38	5.61	7.69e-04	5.58	0.03	-0.43	0.01	-0.09	-0.05	-0.02	-0.05
		1614	12.23	9.79	0.03	9.79	0.04	-0.27	0.02	2.44e-03	8.30e-03	0.01	8.44e-03
1918	4	1858	21.81	5.80	-12.90	-6.44	-0.66	-8.89	-0.04	-0.16	-0.15	-0.06	-0.04
		1859	17.34	6.64	-9.16	-2.62	0.10	-7.78	0.13	-0.09	0.13	-0.09	-0.02
		1613	14.03	10.73	-0.35	10.26	0.12	-2.23	0.06	-0.25	-0.14	-0.05	-0.15
		1614	38.61	30.79	-0.15	30.73	-0.09	-1.34	0.04	0.02	0.02	0.04	-8.26e-03
1919	1	1857	5.08	-0.10	-3.74	-3.51	-0.33	0.89	0.02	-0.06	-0.03	-0.01	0.04
		1858	4.57	-0.16	-3.56	-3.56	-0.17	0.16	0.04	-0.02	0.02	-5.42e-03	0.03
		1614	14.62	11.53	0.05	11.53	0.05	0.08	3.39e-03	-0.04	-0.03	-0.01	0.02
		1615	12.93	10.38	0.10	10.38	0.10	0.09	0.04	-0.03	2.50e-03	6.04e-03	0.04
1919	2	1857	51.80	10.78	-33.71	-22.13	-0.81	-19.52	-7.40e-03	-0.18	-0.15	-0.04	-0.06
		1858	49.00	12.09	-31.17	-16.99	-2.09	-20.31	0.15	-0.04	0.11	-9.46e-03	-0.07
		1614	105.11	83.38	0.30	83.17	0.52	-4.20	0.03	-0.25	-0.16	-0.06	-0.13
		1615	161.31	128.87	-0.13	128.81	-0.07	-2.90	0.09	-0.03	0.03	0.03	-0.06
1919	3	1857	4.45	0.31	-3.29	-2.83	-0.15	-1.21	-7.14e-03	-0.03	-0.02	-7.93e-03	3.72e-03
		1858	4.56	0.55	-3.24	-2.50	-0.19	-1.50	0.02	-2.99e-03	0.02	-2.99e-03	3.09e-04
		1614	12.46	9.84	0.06	9.83	0.06	-0.27	-6.18e-03	-0.03	-0.03	-9.35e-03	-7.97e-03
		1615	16.15	12.93	0.03	12.93	0.04	-0.21	8.84e-03	7.64e-05	3.56e-03	5.36e-03	4.29e-03
1919	4	1857	19.39	3.98	-12.62	-8.35	-0.29	-7.26	-3.12e-03	-0.07	-0.06	-0.01	-0.03
		1858	18.36	4.47	-11.71	-6.48	-0.76	-7.57	0.06	-0.02	0.05	-4.19e-03	-0.03
		1614	39.27	31.13	0.13	31.06	0.20	-1.54	0.01	-0.10	-0.07	-0.02	-0.05
		1615	60.13	48.04	-0.04	48.01	-0.01	-1.10	0.04	-0.01	0.01	0.01	-0.02
1920	1	1856	5.74	0.34	-3.99	-3.34	-0.31	1.55	0.03	-0.05	-0.02	-7.72e-03	0.04
		1857	4.87	0.04	-3.72	-3.48	-0.20	0.92	0.04	-0.03	6.93e-03	-2.04e-03	0.03
		1615	13.03	10.34	0.05	10.34	0.05	0.18	0.02	-0.04	-0.02	-3.25e-03	0.03
		1616	9.52	7.64	0.09	7.63	0.10	0.22	0.04	-0.04	-2.64e-03	2.15e-03	0.04
1920	2	1856	48.16	6.41	-33.92	-26.37	-1.13	-15.72	0.03	-0.12	-0.08	-0.01	-0.06
		1857	47.44	8.17	-32.52	-22.57	-1.78	-17.49	0.11	-0.05	0.04	0.02	-0.08
		1615	162.28	129.56	0.34	129.48	0.42	-3.39	0.03	-0.12	-0.07	-0.02	-0.07
		1616	208.99	167.19	0.02	167.16	0.05	-2.37	0.08	-0.06	2.11e-03	0.01	-0.07
1920	3	1856	4.12	4.47e-03	-3.24	-3.06	-0.17	-0.73	-1.95e-03	-0.02	-0.01	-3.87e-03	4.75e-03
		1857	4.21	0.19	-3.23	-2.85	-0.18	-1.06	6.66e-03	6.00e-04	6.19e-03	1.07e-03	1.61e-03
		1615	16.28	12.97	0.06	12.96	0.06	-0.18	-2.53e-03	-0.01	-0.01	-2.90e-03	1.91e-03
		1616	18.73	14.99	0.04	14.99	0.05	-0.13	4.33e-03	-3.18e-03	-7.05e-04	1.85e-03	3.53e-03
1920	4	1856	18.01	2.38	-12.67	-9.89	-0.41	-5.84	0.01	-0.05	-0.03	-5.28e-03	-0.03
		1857	17.78	3.03	-12.19	-8.51	-0.65	-6.52	0.04	-0.02	0.02	7.16e-03	-0.03
		1615	60.50	48.29	0.14	48.26	0.17	-1.24	0.01	-0.05	-0.03	-7.36e-03	-0.03
		1616	77.83	62.27	0.02	62.26	0.03	-0.90	0.03	-0.03	7.03e-04	4.63e-03	-0.03
1921	1	1855	6.74	0.98	-4.35	-3.05	-0.31	2.29	0.03	-0.05	-0.01	-5.32e-03	0.04
		1856	5.79	0.49	-4.04	-3.31	-0.25	1.67	0.04	-0.04	4.17e-04	-2.45e-03	0.04
		1616	9.55	7.60	0.05	7.59	0.06	0.29	0.03	-0.04	-0.01	-1.21e-03	0.04
		1617	4.19	3.29	0.05	3.25	0.09	0.35	0.04	-0.04	-4.89e-03	9.30e-04	0.04
1921	2	1855	45.69	3.20	-34.02	-29.52	-1.30	-12.13	0.04	-0.10	-0.05	-6.19e-03	-0.07
		1856	45.63	4.85	-33.15	-26.72	-1.58	-14.25	0.09	-0.06	8.50e-03	0.01	-0.08
		1616	209.77	167.68	0.30	167.64	0.34	-2.70	0.05	-0.10	-0.04	-6.73e-03	-0.07
		1617	246.79	197.41	0.12	197.40	0.13	-1.80	0.07	-0.08	-9.35e-03	4.89e-03	-0.07
1921	3	1855	3.97	-0.16	-3.20	-3.18	-0.18	-0.24	2.33e-04	-0.01	-9.10e-03	-2.48e-03	5.03e-03
		1856	3.98	-0.06	-3.20	-3.08	-0.18	-0.59	3.61e-03	-2.10e-03	9.66e-04	5.49e-04	2.85e-03
		1616	18.81	15.02	0.06	15.02	0.06	-0.10	6.75e-04	-9.82e-03	-8.07e-03	-1.07e-03	3.91e-03
		1617	19.95	15.96	0.05	15.96	0.05	-0.05	3.51e-03	-5.37e-03	-2.65e-03	7.93e-04	4.09e-03
1921	4	1855	17.07	1.19	-12.69	-11.02	-0.47	-4.51	0.02	-0.04	-0.02	-2.73e-03	-0.03
		1856	17.08	1.81	-12.40	-10.02	-0.57	-5.31	0.03	-0.03	3.36e-03	5.58e-03	-0.03
		1616	78.13	62.45	0.12	62.44	0.14	-0.98	0.02	-0.04	-0.02	-2.70e-03	-0.03
		1617	91.87	73.49	0.06	73.49	0.06	-0.69	0.03	-0.03	-3.97e-03	1.97e-03	-0.03
1922	1	1854	8.03	1.82	-4.77	-2.62	-0.33	3.09	0.04	-0.05	-8.99e-03	-3.46e-03	0.04
		1855	6.94	1.16	-4.44	-3.00	-0.28	2.44	0.04	-0.04	-2.76e-03	-2.61e-03	0.04
		1617	4.15	3.24	0.01	3.19	0.06	0.41	0.04	-0.05	-9.25e-03	-5.45e-04	0.04
		1618	4.13	0.17	-2.98	-2.91	0.10	0.49	0.04	-0.04	-5.65e-03	4.70e-04	0.04
1922	2	1854	43.81	0.90	-33.95	-31.68	-1.37	-8.60	0.05	-0.09	-0.04	-4.51e-03	-0.07
		1855	44.01	2.18	-33.47	-29.79	-1.50	-10.85	0.08	-0.07	-5.42e-03	8.00e-03	-0.08
		1617	247.31	197.77	0.27	197.75	0.29	-2.06	0.05	-0.09	-0.03	-3.06e-03	-0.07
		1618	274.49	219.57	0.17	219.56	0.18	-1.21	0.07	-0.08	-0.01	2.41e-03	-0.07
1922	3	1854	3.98	-0.17	-3.21	-3.19	-0.19	0.27	1.72e-03	-0.01	-6.71e-03	-1.74e-03	5.40e-03
		1855	3.89	-0.18	-3.19	-3.19	-0.18	-0.11	3.10e-03	-4.79e-03	-1.52e-03	-1.73e-04	3.89e-03
		1617	19.99	15.97	0.05	15.97	0.05	-0.01	2.04e-03	-8.86e-03	-6.33e-03	-4.85e-04	4.60e-03
		1618	19.75	15.80	0.05	15.80	0.05	0.04	3.65e-03	-6.74e-03	-3.49e-03	3.94e-04	4.82e-03
1922	4	1854	16.33	0.34	-12.64	-11.80	-0.50	-3.19	0.02	-0.04	-0.01	-2.05e-03	-0.03
		1855	16.45	0.82	-12.49	-11.12	-0.55	-4.04	0.03	-0.03	-2.31e-03	2.97e-03	-0.03
		1617	92.07	73.63	0.11	73.62	0.12	-0.74	0.02	-0.04	-0.01	-1.23e-03	-0.03
		1618	102.16	81.72	0.08	81.71	0.08	-0.47	0.03	-0.03	-6.17e-03	9.68e-04	-0.03
1923	1	1853	9.58	2.86	-5.23	-2.02	-0.35	3.96	0.04	-0.05	-7.32e-03	-1.43e-03	0.04
		1854	8.31	2.02	-4.87	-2.55	-0.30	3.26	0.04	-0.04	-4.34e-03	-2.07e-03	0.04
		1618	4.27	0.16	-3.08	-2.99	0.07	0.54	0.04	-0.05	-7.86e-03	-2.49e-04	0.04
		1619	13.96	0.14	-10.99	-10.95	0.10	0.63	0.04	-0.05	-5.53e-03	2.51e-04	0.04
1923	2	1853	42.30	-0.61	-33.70	-32.90	-1.41	-5.08	0.06	-0.09	-0.03	-4.44e-03	-0.07
		1854	42.68	0.23	-33.56	-31.86	-1.47	-7.38	0.07	-0.08	-0.01	3.00e-03	-0.07



		1618	274.83	219.81	0.26	219.80	0.27	-1.45	0.06	-0.09	-0.03	-1.54e-03	-0.07
		1619	292.11	233.65	0.20	233.65	0.20	-0.61	0.06	-0.08	-0.02	1.23e-03	-0.07
1923	3	1853	4.19	5.74e-03	-3.28	-3.08	-0.20	0.80	2.95e-03	-9.42e-03	-5.35e-03	-1.11e-03	5.81e-03
		1854	4.00	-0.14	-3.23	-3.18	-0.19	0.40	3.25e-03	-6.53e-03	-2.75e-03	-5.29e-04	4.77e-03
		1618	19.76	15.79	0.05	15.79	0.05	0.07	2.94e-03	-8.57e-03	-5.39e-03	-2.36e-04	5.15e-03
		1619	18.08	14.46	0.06	14.46	0.06	0.12	3.98e-03	-7.55e-03	-3.77e-03	2.06e-04	5.41e-03
1923	4	1853	15.74	-0.22	-12.52	-12.23	-0.51	-1.88	0.02	-0.04	-0.01	-2.00e-03	-0.03
		1854	15.92	0.10	-12.50	-11.86	-0.54	-2.75	0.03	-0.03	-5.05e-03	9.73e-04	-0.03
		1618	102.28	81.81	0.11	81.80	0.11	-0.52	0.02	-0.03	-0.01	-6.18e-04	-0.03
		1619	108.69	86.94	0.09	86.94	0.09	-0.24	0.03	-0.03	-7.28e-03	4.97e-04	-0.03
1924	1	1852	11.37	4.09	-5.71	-1.23	-0.38	4.88	0.04	-0.05	-6.11e-03	1.20e-03	0.04
		1853	9.90	3.08	-5.33	-1.93	-0.33	4.13	0.04	-0.05	-5.09e-03	-7.68e-04	0.04
		1619	14.09	0.11	-11.10	-11.06	0.07	0.68	0.04	-0.05	-6.57e-03	-8.36e-05	0.04
		1620	26.51	0.14	-21.06	-21.03	0.11	0.79	0.04	-0.04	-4.76e-03	1.30e-04	0.04
1924	2	1852	41.09	-1.36	-33.28	-33.21	-1.43	-1.56	0.06	-0.08	-0.02	-4.93e-03	-0.07
		1853	41.63	-0.98	-33.47	-33.00	-1.46	-3.89	0.07	-0.08	-0.02	-5.54e-04	-0.07
		1619	292.29	233.78	0.24	233.78	0.25	-0.84	0.06	-0.08	-0.02	-7.71e-04	-0.07
		1620	299.62	239.66	0.22	239.66	0.22	-2.89e-03	0.06	-0.08	-0.02	6.04e-04	-0.07
1924	3	1852	4.59	0.35	-3.41	-2.85	-0.21	1.34	3.96e-03	-8.84e-03	-4.51e-03	-3.72e-04	6.06e-03
		1853	4.28	0.08	-3.33	-3.06	-0.19	0.92	3.71e-03	-7.57e-03	-3.35e-03	-5.05e-04	5.45e-03
		1619	18.07	14.44	0.05	14.44	0.05	0.16	3.65e-03	-8.48e-03	-4.72e-03	-1.06e-04	5.61e-03
		1620	14.90	11.92	0.06	11.92	0.06	0.21	4.22e-03	-7.83e-03	-3.71e-03	1.04e-04	5.71e-03
1924	4	1852	15.27	-0.49	-12.35	-12.33	-0.52	-0.57	0.02	-0.03	-9.59e-03	-2.19e-03	-0.03
		1853	15.50	-0.35	-12.44	-12.26	-0.53	-1.45	0.03	-0.03	-6.42e-03	-4.41e-04	-0.03
		1619	108.76	86.99	0.10	86.99	0.10	-0.29	0.02	-0.03	-9.72e-03	-3.10e-04	-0.03
		1620	111.47	89.16	0.09	89.16	0.09	-0.02	0.02	-0.03	-7.94e-03	2.44e-04	-0.03
1925	1	1851	13.40	5.55	-6.21	-0.25	-0.41	5.88	0.04	-0.04	-4.99e-03	4.76e-03	0.04
		1852	11.72	4.34	-5.81	-1.13	-0.35	5.06	0.04	-0.05	-5.39e-03	1.40e-03	0.04
		1620	26.66	0.10	-21.19	-21.16	0.07	0.84	0.04	-0.05	-5.07e-03	3.20e-05	0.04
		1621	41.80	0.14	-33.31	-33.29	0.11	0.96	0.04	-0.04	-3.38e-03	4.68e-05	0.04
1925	2	1851	40.20	-1.32	-32.75	-32.62	-1.45	1.97	0.05	-0.08	-0.02	-5.51e-03	-0.07
		1852	40.85	-1.44	-33.23	-33.22	-1.44	-0.37	0.06	-0.08	-0.02	-3.11e-03	-0.07
		1620	299.66	239.68	0.23	239.68	0.23	-0.23	0.06	-0.08	-0.02	-3.34e-04	-0.07
		1621	297.02	237.58	0.24	237.58	0.24	0.60	0.06	-0.08	-0.02	2.25e-04	-0.07
1925	3	1851	5.19	0.85	-3.58	-2.51	-0.22	1.90	4.73e-03	-7.97e-03	-3.89e-03	6.41e-04	5.93e-03
		1852	4.75	0.45	-3.48	-2.82	-0.20	1.47	4.22e-03	-7.99e-03	-3.65e-03	-1.17e-04	5.84e-03
		1620	14.87	11.89	0.04	11.88	0.05	0.25	4.12e-03	-8.26e-03	-4.11e-03	-2.61e-05	5.85e-03
		1621	10.16	8.13	0.05	8.12	0.06	0.31	4.11e-03	-7.50e-03	-3.43e-03	3.97e-05	5.54e-03
1925	4	1851	14.92	-0.48	-12.15	-12.10	-0.53	0.74	0.02	-0.03	-8.51e-03	-2.40e-03	-0.03
		1852	15.18	-0.52	-12.33	-12.33	-0.52	-0.14	0.02	-0.03	-7.20e-03	-1.45e-03	-0.03
		1620	111.48	89.17	0.10	89.17	0.10	-0.06	0.02	-0.03	-9.09e-03	-1.35e-04	-0.03
		1621	110.49	88.38	0.10	88.38	0.10	0.20	0.02	-0.03	-8.45e-03	9.25e-05	-0.03
1926	1	1850	15.70	7.24	-6.71	0.97	-0.45	6.94	0.04	-0.04	-3.68e-03	9.61e-03	0.04
		1851	13.78	5.81	-6.30	-0.12	-0.38	6.05	0.04	-0.04	-5.47e-03	4.59e-03	0.04
		1621	41.97	0.10	-33.47	-33.44	0.07	1.00	0.04	-0.04	-3.10e-03	1.39e-04	0.04
		1622	60.02	0.15	-47.91	-47.88	0.12	1.14	0.04	-0.04	-1.35e-03	-3.41e-05	0.04
1926	2	1850	40.03	-0.48	-32.12	-31.14	-1.46	5.49	0.05	-0.08	-0.02	-5.91e-03	-0.06
		1851	40.46	-1.11	-32.87	-32.56	-1.43	3.15	0.06	-0.08	-0.02	-5.02e-03	-0.07
		1621	296.94	237.49	0.21	237.49	0.21	0.38	0.06	-0.08	-0.02	-3.24e-05	-0.07
		1622	284.33	227.41	0.25	227.41	0.25	1.21	0.05	-0.08	-0.02	-6.19e-05	-0.06
1926	3	1850	5.98	1.51	-3.77	-2.03	-0.23	2.48	5.21e-03	-6.46e-03	-3.31e-03	2.06e-03	5.18e-03
		1851	5.39	0.98	-3.66	-2.46	-0.21	2.03	4.59e-03	-7.78e-03	-3.84e-03	6.49e-04	5.77e-03
		1621	10.11	8.08	0.03	8.07	0.05	0.35	4.22e-03	-7.62e-03	-3.44e-03	3.67e-05	5.66e-03
		1622	3.84	3.07	0.01	3.02	0.07	0.41	3.41e-03	-6.37e-03	-2.94e-03	-1.36e-05	4.66e-03
1926	4	1850	14.87	-0.16	-11.92	-11.55	-0.53	2.05	0.02	-0.03	-7.87e-03	-2.54e-03	-0.02
		1851	15.01	-0.40	-12.19	-12.08	-0.52	1.17	0.02	-0.03	-7.84e-03	-2.20e-03	-0.03
		1621	110.46	88.34	0.09	88.34	0.09	0.16	0.02	-0.03	-8.77e-03	-1.42e-05	-0.03
		1622	105.76	84.59	0.11	84.59	0.11	0.43	0.02	-0.03	-9.00e-03	-2.19e-05	-0.02
1927	1	1849	18.28	9.20	-7.22	2.46	-0.49	8.08	0.04	-0.02	-1.86e-03	0.02	0.03
		1850	16.09	7.52	-6.80	1.13	-0.40	7.12	0.04	-0.04	-5.50e-03	9.03e-03	0.04
		1622	60.22	0.09	-48.10	-48.07	0.07	1.18	0.04	-0.04	-4.04e-04	2.74e-04	0.04
		1623	81.39	0.16	-65.03	-65.00	0.13	1.33	0.03	-0.03	1.39e-03	-1.49e-04	0.03
1927	2	1849	40.47	1.23	-31.46	-28.76	-1.47	9.00	0.05	-0.07	-0.02	-5.89e-03	-0.06
		1850	40.77	0.02	-32.43	-30.99	-1.42	6.67	0.05	-0.08	-0.02	-6.54e-03	-0.06
		1622	284.11	227.22	0.19	227.22	0.20	0.98	0.05	-0.07	-0.02	2.59e-04	-0.06
		1623	261.54	209.17	0.25	209.15	0.27	1.82	0.05	-0.07	-0.02	-3.73e-04	-0.06
1927	3	1849	6.95	2.31	-3.97	-1.42	-0.24	3.09	5.54e-03	-4.13e-03	-2.62e-03	4.03e-03	3.51e-03
		1850	6.21	1.66	-3.85	-1.98	-0.21	2.61	4.69e-03	-6.89e-03	-4.03e-03	1.83e-03	4.99e-03
		1622	3.79	3.02	-0.02	2.95	0.05	0.45	3.75e-03	-6.22e-03	-2.58e-03	1.06e-04	4.80e-03
		1623	4.52	0.15	-3.51	-3.44	0.07	0.51	1.82e-03	-4.18e-03	-2.28e-03	-7.85e-05	2.79e-03
1927	4	1849	15.05	0.48	-11.68	-10.67	-0.53	3.36	0.02	-0.03	-7.38e-03	-2.51e-03	-0.02
		1850	15.13	0.02	-12.03	-11.49	-0.51	2.48	0.02	-0.03	-8.66e-03	-2.78e-03	-0.03
		1622	105.68	84.52	0.08	84.51	0.09	0.39	0.02	-0.03	-8.63e-03	1.01e-04	-0.02
		1623	97.28	77.80	0.11	77.79	0.11	0.65	0.02	-0.03	-9.75e-03	-1.45e-04	-0.02
1928	1	1848	21.16	11.46	-7.73	4.26	-0.52	9.30	0.03	-8.89e-03	8.79e-04	0.02	0.02
		1849	18.68	9.50	-7.29	2.64	-0.43	8.26	0.04	-0.03	-5.70e-03	0.01	0.03
		1623	81.63	0.09	-65.25	-65.22	0.07	1.38	0.03	-0.03	3.33e-03	4.79e-04	0.03



		1624	106.22	0.17	-84.86	-84.83	0.14	1.55	0.02	-0.01	4.91e-03	-3.47e-04	0.02
1928	2	1848	41.61	3.85	-30.80	-25.47	-1.48	12.50	0.04	-0.07	-0.02	-5.19e-03	-0.05
		1849	41.58	2.00	-31.93	-28.53	-1.40	10.18	0.04	-0.08	-0.02	-7.92e-03	-0.06
		1623	261.19	208.87	0.17	208.85	0.18	1.59	0.05	-0.07	-0.02	6.57e-04	-0.06
		1624	228.68	182.86	0.25	182.83	0.29	2.42	0.04	-0.07	-0.03	-8.35e-04	-0.06
1928	3	1848	8.08	3.27	-4.17	-0.65	-0.26	3.71	6.76e-03	-1.65e-03	-1.61e-03	6.72e-03	5.75e-04
		1849	7.20	2.48	-4.05	-1.35	-0.22	3.21	4.62e-03	-5.53e-03	-4.38e-03	3.48e-03	3.21e-03
		1623	4.62	0.13	-3.61	-3.53	0.05	0.55	2.49e-03	-3.69e-03	-1.41e-03	2.05e-04	2.98e-03
		1624	14.26	0.11	-11.34	-11.31	0.08	0.62	-3.37e-05	-1.61e-03	-1.46e-03	-1.82e-04	-4.61e-04
1928	4	1848	15.49	1.46	-11.45	-9.46	-0.54	4.66	0.02	-0.03	-6.72e-03	-2.21e-03	-0.02
		1849	15.44	0.76	-11.85	-10.58	-0.51	3.78	0.02	-0.03	-9.95e-03	-3.30e-03	-0.02
		1623	97.15	77.68	0.07	77.68	0.08	0.61	0.02	-0.03	-8.52e-03	2.58e-04	-0.02
		1624	85.05	68.01	0.11	67.99	0.12	0.88	0.02	-0.03	-0.01	-3.27e-04	-0.02
1929	1	1847	24.47	14.08	-8.23	6.42	-0.56	10.60	0.04	5.17e-03	5.19e-03	0.04	6.83e-04
		1848	21.56	11.79	-7.79	4.46	-0.47	9.47	0.03	-0.01	-6.44e-03	0.02	0.02
		1624	106.52	0.09	-85.11	-85.08	0.06	1.59	0.02	-0.01	8.55e-03	8.26e-04	0.02
		1625	134.72	0.18	-107.61	-107.58	0.15	1.78	0.01	-1.79e-03	9.22e-03	-7.12e-04	-3.45e-03
1929	2	1847	43.68	7.43	-30.16	-21.25	-1.49	15.99	0.04	-0.06	-0.01	-3.42e-03	-0.05
		1848	43.08	4.86	-31.39	-25.16	-1.38	13.68	0.04	-0.08	-0.03	-9.43e-03	-0.06
		1624	228.19	182.45	0.14	182.42	0.16	2.20	0.05	-0.07	-0.02	1.32e-03	-0.05
		1625	185.79	148.50	0.24	148.44	0.30	3.03	0.04	-0.07	-0.03	-1.64e-03	-0.05
1929	3	1847	9.54	4.38	-4.36	0.29	-0.27	4.36	0.01	-1.35e-03	2.61e-05	0.01	-4.02e-03
		1848	8.35	3.45	-4.24	-0.57	-0.23	3.84	5.64e-03	-5.10e-03	-5.10e-03	5.64e-03	4.47e-05
		1624	14.37	0.08	-11.45	-11.42	0.04	0.66	4.58e-04	1.62e-04	2.47e-04	3.72e-04	-1.34e-04
		1625	25.92	0.11	-20.68	-20.65	0.08	0.73	5.09e-03	-5.99e-03	-5.39e-04	-3.68e-04	-5.54e-03
1929	4	1847	16.28	2.78	-11.23	-7.91	-0.54	5.96	0.02	-0.02	-5.44e-03	-1.48e-03	-0.02
		1848	16.02	1.82	-11.66	-9.34	-0.50	5.09	0.01	-0.03	-0.01	-3.87e-03	-0.02
		1624	84.87	67.85	0.06	67.84	0.07	0.84	0.02	-0.03	-8.25e-03	5.20e-04	-0.02
		1625	69.09	55.23	0.10	55.20	0.12	1.10	0.01	-0.03	-0.01	-6.43e-04	-0.02
1930	1	1846	28.86	17.12	-8.70	9.02	-0.60	11.98	0.06	8.48e-04	0.01	0.05	-0.02
		1847	24.98	14.42	-8.27	6.65	-0.50	10.77	0.03	-8.47e-03	-8.43e-03	0.03	-1.27e-03
		1625	135.09	0.10	-107.91	-107.88	0.06	1.82	0.02	1.10e-03	0.02	1.44e-03	-2.24e-03
		1626	167.17	0.19	-133.52	-133.49	0.16	2.03	0.04	-0.02	0.01	-1.41e-03	-0.03
1930	2	1846	46.91	11.98	-29.55	-16.07	-1.50	19.45	0.04	-0.05	-6.60e-03	5.22e-05	-0.04
		1847	45.49	8.64	-30.85	-20.85	-1.36	17.17	0.03	-0.08	-0.04	-0.01	-0.05
		1625	185.13	147.98	0.09	147.93	0.14	2.80	0.04	-0.06	-0.02	2.54e-03	-0.05
		1626	132.95	106.14	0.19	106.02	0.32	3.64	0.03	-0.07	-0.04	-3.15e-03	-0.05
1930	3	1846	11.27	5.68	-4.53	1.43	-0.28	5.04	0.02	-3.38e-03	2.82e-03	0.02	-0.01
		1847	9.84	4.58	-4.43	0.39	-0.24	4.49	9.86e-03	-8.08e-03	-6.55e-03	8.33e-03	-5.01e-03
		1625	26.08	0.07	-20.81	-20.78	0.04	0.77	6.74e-03	-3.40e-03	2.66e-03	6.71e-04	-4.97e-03
		1626	39.53	0.11	-31.56	-31.54	0.08	0.86	0.01	-0.01	3.31e-04	-7.19e-04	-0.01
1930	4	1846	17.50	4.47	-11.02	-6.01	-0.54	7.25	0.02	-0.02	-2.75e-03	-9.48e-05	-0.02
		1847	16.93	3.22	-11.48	-7.76	-0.49	6.39	0.01	-0.03	-0.02	-4.68e-03	-0.02
		1625	68.85	55.03	0.05	55.01	0.07	1.06	0.02	-0.02	-7.52e-03	9.96e-04	-0.02
		1626	49.44	39.47	0.09	39.43	0.13	1.33	0.01	-0.03	-0.02	-1.24e-03	-0.02
1931	1	1845	33.93	20.66	-9.12	12.17	-0.62	13.45	0.11	-0.01	0.02	0.07	-0.06
		1846	29.43	17.47	-8.73	9.29	-0.55	12.14	0.06	-0.02	-0.01	0.04	-0.03
		1626	167.63	0.10	-133.85	-133.82	0.07	2.08	0.04	-0.02	0.03	2.60e-03	-0.03
		1627	203.85	0.19	-162.81	-162.77	0.16	2.31	0.08	-0.06	0.02	-2.81e-03	-0.07
1931	2	1845	51.46	17.54	-28.97	-9.91	-1.52	22.88	0.04	-0.03	7.51e-03	6.10e-03	-0.04
		1846	49.06	13.38	-30.30	-15.59	-1.33	20.65	0.02	-0.09	-0.06	-0.02	-0.05
		1626	132.07	105.51	0.01	105.40	0.12	3.41	0.04	-0.05	-0.01	4.90e-03	-0.05
		1627	70.41	55.90	0.01	55.58	0.34	4.25	0.02	-0.08	-0.05	-6.25e-03	-0.05
1931	3	1845	13.27	7.19	-4.68	2.79	-0.29	5.73	0.04	-6.50e-03	7.75e-03	0.02	-0.02
		1846	11.60	5.88	-4.59	1.54	-0.25	5.16	0.02	-0.02	-9.46e-03	0.01	-0.01
		1626	39.74	0.07	-31.71	-31.68	0.04	0.89	0.02	-8.52e-03	6.30e-03	1.24e-03	-0.01
		1627	55.16	0.11	-44.05	-44.03	0.08	0.98	0.02	-0.02	7.33e-04	2.43e-03	-0.02
1931	4	1845	19.20	6.52	-10.82	-3.75	-0.55	8.53	0.02	-0.01	2.87e-03	1.30e-03	-0.01
		1846	18.27	4.98	-11.29	-5.83	-0.48	7.68	7.00e-03	-0.04	-0.02	-6.12e-03	-0.02
		1626	49.12	39.24	0.02	39.19	0.06	1.29	0.02	-0.02	-5.72e-03	1.92e-03	-0.02
		1627	26.18	20.78	0.02	20.67	0.14	1.56	8.52e-03	-0.03	-0.02	-2.45e-03	-0.02
1932	1	1844	39.79	24.83	-9.44	15.99	-0.60	14.99	0.18	-0.03	0.04	0.10	-0.10
		1845	34.60	20.98	-9.13	12.47	-0.61	13.56	0.09	-0.06	-0.02	0.06	-0.06
		1627	204.46	0.12	-163.19	-163.15	0.09	2.37	0.09	-0.04	0.04	5.06e-03	-0.06
		1628	245.03	0.17	-195.71	-195.68	0.14	2.60	0.12	-0.11	0.02	-6.18e-03	-0.11
1932	2	1844	57.42	24.12	-28.40	-2.72	-1.56	26.25	0.06	-5.60e-03	0.04	0.02	-0.03
		1845	54.03	19.14	-29.77	-9.35	-1.28	24.12	5.69e-03	-0.12	-0.09	-0.02	-0.05
		1627	69.22	55.14	-0.20	54.85	0.09	4.01	0.04	-0.04	-3.95e-03	0.01	-0.04
		1628	11.69	3.89	-6.38	-2.85	0.36	4.88	7.98e-03	-0.10	-0.07	-0.01	-0.04
1932	3	1844	15.58	8.94	-4.79	4.44	-0.28	6.45	0.06	-9.66e-03	0.02	0.03	-0.03
		1845	13.65	7.39	-4.73	2.93	-0.27	5.85	0.03	-0.03	-0.02	0.01	-0.02
		1627	55.44	0.07	-44.22	-44.20	0.05	1.02	0.03	-0.02	0.01	2.47e-03	-0.02
		1628	72.87	0.10	-58.22	-58.20	0.08	1.12	0.04	-0.04	-6.19e-04	-3.17e-03	-0.04
1932	4	1844	21.40	8.95	-10.62	-1.11	-0.57	9.78	0.02	-1.59e-03	0.01	5.86e-03	-0.01
		1845	20.12	7.10	-11.10	-3.54	-0.46	8.97	1.60e-03	-0.04	-0.03	-9.08e-03	-0.02
		1627	25.74	20.51	-0.06	20.40	0.05	1.51	0.02	-0.01	-1.65e-03	3.96e-03	-0.02
		1628	4.30	1.43	-2.35	-1.06	0.15	1.79	2.56e-03	-0.04	-0.03	-5.49e-03	-0.02



1933	1	1843	46.57	29.82	-9.59	20.67	-0.44	16.64	0.27	-0.06	0.08	0.13	-0.16
		1844	40.59	25.03	-9.48	16.32	-0.77	15.00	0.14	-0.12	-0.05	0.07	-0.11
		1628	245.91	0.20	-196.13	-196.10	0.16	2.69	0.15	-0.08	0.07	0.01	-0.11
		1629	290.90	0.06	-232.47	-232.43	0.02	2.89	0.17	-0.17	0.01	-0.02	-0.17
1933	2	1843	64.66	31.72	-27.76	5.59	-1.63	29.52	0.11	0.02	0.10	0.02	-0.02
		1844	60.65	25.98	-29.26	-2.08	-1.20	27.62	-0.02	-0.17	-0.15	-0.04	-0.05
		1628	11.59	3.15	-6.78	-3.70	0.07	4.59	0.06	-0.02	0.02	0.02	-0.04
		1629	88.64	0.80	-69.70	-69.26	0.36	5.54	-0.04	-0.14	-0.13	-0.04	-0.02
1933	3	1843	18.22	11.00	-4.83	6.42	-0.24	7.18	0.09	-0.01	0.03	0.04	-0.05
		1844	16.05	9.12	-4.84	4.58	-0.31	6.54	0.04	-0.05	-0.03	0.02	-0.04
		1628	73.27	0.09	-58.41	-58.39	0.07	1.16	0.05	-0.02	0.02	5.91e-03	-0.04
		1629	92.73	0.07	-74.13	-74.11	0.05	1.25	0.04	-0.06	-8.65e-03	-8.83e-03	-0.05
1933	4	1843	24.06	11.75	-10.39	1.95	-0.59	11.00	0.04	6.50e-03	0.04	7.97e-03	-7.04e-03
		1844	22.58	9.63	-10.93	-0.87	-0.43	10.28	-8.23e-03	-0.07	-0.06	-0.02	-0.02
		1628	4.35	1.20	-2.53	-1.38	0.04	1.72	0.02	-6.10e-03	7.64e-03	9.77e-03	-0.01
		1629	33.00	0.31	-25.92	-25.76	0.15	2.04	-0.01	-0.05	-0.05	-0.02	-6.61e-03
1934	1	1842	54.33	36.04	-9.20	26.59	0.25	18.39	0.41	-0.07	0.17	0.17	-0.24
		1843	47.62	29.60	-9.96	20.94	-1.30	16.36	0.18	-0.21	-0.11	0.07	-0.17
		1629	292.40	0.58	-232.86	-232.82	0.54	3.06	0.26	-0.11	0.11	0.04	-0.18
		1630	341.44	-0.56	-273.39	-273.35	-0.60	3.27	0.16	-0.26	-0.04	-0.06	-0.21
1934	2	1842	73.63	40.47	-26.52	15.39	-1.44	32.43	0.27	-0.03	0.27	-0.03	-0.01
		1843	69.21	34.00	-28.99	6.24	-1.24	31.27	-0.09	-0.30	-0.29	-0.10	-0.04
		1629	89.11	0.62	-70.61	-70.23	0.25	5.13	0.14	0.02	0.08	0.08	-0.06
		1630	182.82	0.25	-144.09	-143.81	-0.04	6.36	-0.08	-0.38	-0.33	-0.14	0.12
1934	3	1842	21.17	13.52	-4.66	8.88	-0.02	7.92	0.14	-0.01	0.08	0.05	-0.07
		1843	18.85	11.06	-4.99	6.55	-0.47	7.22	0.04	-0.09	-0.06	0.01	-0.05
		1629	93.36	0.21	-74.32	-74.30	0.19	1.31	0.09	-0.03	0.04	0.02	-0.06
		1630	115.02	-0.14	-91.90	-91.87	-0.17	1.43	0.01	-0.09	-0.04	-0.03	-0.05
1934	4	1842	27.39	14.98	-9.94	5.56	-0.52	12.08	0.11	-0.01	0.10	-0.01	-4.17e-03
		1843	25.73	12.58	-10.84	2.19	-0.45	11.64	-0.04	-0.12	-0.11	-0.04	-0.01
		1629	33.17	0.25	-26.27	-26.12	0.11	1.92	0.05	7.35e-03	0.03	0.03	-0.02
		1630	68.06	0.10	-53.59	-53.49	-1.94e-04	2.34	-0.03	-0.15	-0.13	-0.05	0.05
1935	1	1841	61.80	44.03	-7.00	35.24	1.79	19.27	0.65	-0.08	0.41	0.15	-0.34
		1842	56.49	34.67	-11.43	25.99	-2.75	18.02	0.13	-0.41	-0.29	0.01	-0.22
		1630	345.10	3.23	-273.27	-273.24	3.20	2.89	0.48	-0.16	0.20	0.12	-0.31
		1631	397.48	-5.28	-319.36	-319.28	-5.36	4.96	-0.08	-0.34	-0.25	-0.17	-0.12
1935	2	1841	83.63	51.70	-19.56	30.45	1.69	32.60	0.75	-0.41	0.75	-0.41	-0.04
		1842	80.73	42.95	-30.98	15.08	-3.10	35.83	-0.34	-0.77	-0.76	-0.36	0.08
		1630	182.99	2.47	-144.77	-144.58	2.28	5.27	0.36	0.04	0.15	0.24	-0.15
		1631	289.87	-3.81	-228.57	-228.20	-4.17	9.08	0.16	-1.26	-0.76	-0.34	0.67
1935	3	1841	23.67	16.73	-3.52	12.55	0.67	8.20	0.24	-0.04	0.19	5.64e-03	-0.10
		1842	22.42	13.23	-5.58	8.68	-1.03	8.05	-8.85e-03	-0.18	-0.16	-0.03	-0.06
		1630	116.10	1.15	-91.92	-91.90	1.13	1.27	0.17	-0.04	0.07	0.06	-0.11
		1631	139.77	-1.84	-111.91	-111.87	-1.88	2.14	-0.07	-0.16	-0.15	-0.08	0.03
1935	4	1841	31.11	19.12	-7.35	11.13	0.64	12.15	0.29	-0.16	0.29	-0.16	-0.02
		1842	29.96	15.88	-11.58	5.44	-1.14	13.33	-0.13	-0.30	-0.30	-0.14	0.03
		1630	68.08	0.93	-53.85	-53.78	0.86	1.98	0.14	0.02	0.06	0.10	-0.06
		1631	107.96	-1.40	-85.02	-84.89	-1.53	3.35	0.06	-0.49	-0.30	-0.13	0.27
1936	1	197	76.48	48.08	-14.18	34.76	-0.86	25.53	0.42	-1.15	0.41	-1.14	-0.08
		1841	70.04	44.50	-9.16	34.41	0.93	20.97	0.04	-0.84	-0.72	-0.07	-0.29
		1631	418.09	26.78	-319.05	-319.05	26.78	0.46	0.19	-0.47	7.45e-04	-0.28	-0.30
		263	435.01	-42.63	-362.35	-362.35	-42.63	-0.20	1.00	-0.26	-0.25	1.00	-0.08
1936	2	197	117.84	78.63	6.40	78.26	6.77	5.15	0.96	-2.87	0.95	-2.86	0.20
		1841	119.17	56.75	-47.68	17.82	-8.76	50.50	-1.22	-2.36	-2.16	-1.42	0.44
		1631	303.13	25.06	-224.02	-223.98	25.01	-3.47	-0.37	-1.44	-1.09	-0.73	0.50
		263	413.40	-45.77	-337.64	-333.48	-49.93	34.59	3.61	2.84	2.97	3.47	-0.29
1936	3	197	30.54	19.32	-3.17	16.01	0.14	7.97	0.21	-0.61	0.21	-0.61	-4.88e-03
		1841	28.53	17.12	-6.11	11.33	-0.32	10.05	-0.15	-0.43	-0.42	-0.16	-0.04
		1631	146.04	9.82	-111.47	-111.47	9.82	-0.13	-0.08	-0.17	-0.10	-0.15	-0.04
		263	157.06	-16.32	-132.68	-132.62	-16.37	2.58	0.63	0.21	0.21	0.63	-0.05
1936	4	197	44.19	29.04	2.26	28.90	2.40	1.93	0.38	-1.13	0.37	-1.12	0.08
		1841	44.48	21.02	-17.79	6.42	-3.19	18.80	-0.48	-0.93	-0.85	-0.56	0.17
		1631	112.87	9.32	-83.32	-83.30	9.30	-1.29	-0.14	-0.57	-0.43	-0.28	0.20
		263	154.22	-16.99	-125.62	-124.07	-18.54	12.89	1.42	1.12	1.17	1.36	-0.12
1937	1	1821	9.80	2.00	-1.73	-1.72	1.99	0.18	0.63	-0.27	0.05	0.32	0.43
		174	16.06	0.74	-11.61	-8.63	-2.24	-5.29	0.05	-0.13	0.03	-0.11	0.05
		296	24.37	10.59	-0.66	9.04	0.89	3.88	-0.21	-1.35	-1.34	-0.21	-0.06
		1632	13.71	7.70	0.21	7.59	0.32	-0.88	0.65	-0.38	0.31	-0.04	0.48
1937	2	1821	97.92	24.16	-54.56	-21.09	-9.31	-38.92	-0.49	-1.53	-1.09	-0.93	-0.51
		174	74.49	53.45	-8.83e-04	48.39	5.06	15.65	0.34	-1.43	0.33	-1.42	-0.13
		296	121.98	7.96	-80.92	-55.20	-17.76	-40.30	2.65	1.83	2.57	1.91	0.25
		1632	50.12	33.87	3.31	33.22	3.96	4.42	0.08	-1.31	-0.85	-0.37	-0.65
1937	3	1821	7.86	1.93	-4.34	-2.37	-0.04	-2.91	0.05	-0.14	-0.10	3.95e-03	0.08
		174	3.41	1.01	-0.55	0.93	-0.47	-0.35	0.05	-0.18	0.05	-0.18	3.22e-03
		296	5.22	0.76	-3.24	-1.39	-1.09	-1.99	0.13	-0.15	-0.15	0.13	7.25e-03
		1632	6.46	4.95	0.41	4.95	0.41	0.11	0.07	-0.11	0.01	-0.05	0.08
1937	4	1821	36.75	8.93	-20.43	-8.11	-3.39	-14.49	-0.20	-0.60	-0.43	-0.37	-0.20



		174	27.92	19.72	-0.21	17.82	1.69	5.86	0.14	-0.57	0.13	-0.56	-0.05
		296	45.77	3.07	-30.11	-20.43	-6.62	-15.09	1.04	0.72	1.01	0.76	0.10
		1632	19.06	12.79	1.24	12.54	1.49	1.68	0.03	-0.51	-0.33	-0.15	-0.25
1938	1	1820	6.74	-0.05	-3.17	-3.16	-0.05	-0.15	0.32	-0.35	-0.03	5.96e-03	0.33
		1821	8.10	-0.39	-3.60	-3.35	-0.63	-0.86	0.41	-0.22	0.07	0.13	0.31
		1632	12.49	8.40	0.01	8.40	0.01	-0.10	0.33	-0.40	-0.05	-0.02	0.36
		1633	13.12	9.31	0.11	9.31	0.11	0.01	0.36	-0.31	0.04	0.01	0.34
1938	2	1820	60.76	15.96	-34.55	-16.82	-1.78	-24.11	-0.01	-0.55	-0.38	-0.19	-0.25
		1821	49.50	17.72	-25.11	-7.52	0.12	-21.07	0.33	-0.43	0.26	-0.36	-0.22
		1632	39.71	29.87	-0.98	28.65	0.23	-6.01	0.34	-0.84	-0.37	-0.12	-0.58
		1633	104.92	83.54	-0.39	83.40	-0.25	-3.43	0.22	-0.13	9.51e-04	0.09	-0.17
1938	3	1820	5.83	0.91	-3.44	-2.39	-0.14	-1.86	0.04	-0.11	-0.05	-0.02	0.08
		1821	5.83	1.06	-3.00	-1.78	-0.16	-1.86	0.10	-0.05	0.05	3.22e-03	0.07
		1632	6.66	4.85	-6.68e-03	4.81	0.04	-0.46	0.02	-0.09	-0.05	-0.02	0.05
		1633	11.58	9.21	0.02	9.20	0.03	-0.27	0.10	-0.07	0.01	0.01	0.09
1938	4	1820	22.74	5.87	-12.96	-6.43	-0.66	-8.96	-7.50e-03	-0.22	-0.15	-0.07	-0.10
		1821	18.50	6.53	-9.48	-3.01	0.06	-7.85	0.13	-0.17	0.11	-0.14	-0.08
		1632	14.93	11.25	-0.34	10.81	0.10	-2.21	0.13	-0.33	-0.15	-0.05	-0.23
		1633	39.18	31.20	-0.14	31.15	-0.08	-1.29	0.09	-0.05	1.60e-03	0.04	-0.06
1939	1	1819	7.32	-0.20	-3.07	-2.99	-0.28	0.46	0.31	-0.34	-0.02	-0.01	0.33
		1820	6.74	-0.18	-3.15	-3.14	-0.19	-0.13	0.35	-0.29	0.02	0.03	0.32
		1633	12.79	9.28	0.06	9.28	0.06	0.03	0.33	-0.34	-5.48e-03	-2.82e-03	0.34
		1634	12.24	8.82	0.08	8.82	0.08	0.06	0.33	-0.32	3.93e-03	5.27e-03	0.32
1939	2	1819	53.01	11.21	-33.00	-20.96	-0.83	-19.68	0.08	-0.30	-0.16	-0.06	-0.19
		1820	51.51	12.34	-31.29	-16.88	-2.08	-20.52	0.24	-0.21	0.09	-0.06	-0.21
		1633	106.63	84.44	0.31	84.24	0.51	-4.09	0.16	-0.42	-0.20	-0.06	-0.28
		1634	162.10	129.59	-0.12	129.53	-0.06	-2.81	0.20	-0.16	2.89e-03	0.03	-0.18
1939	3	1819	5.17	0.46	-3.19	-2.59	-0.14	-1.35	0.06	-0.10	-0.02	-9.22e-03	0.08
		1820	5.59	0.65	-3.23	-2.38	-0.20	-1.60	0.09	-0.07	0.02	3.57e-03	0.08
		1633	11.82	9.25	0.06	9.25	0.07	-0.27	0.06	-0.09	-0.02	-7.21e-03	0.07
		1634	15.72	12.51	0.03	12.51	0.03	-0.21	0.08	-0.08	2.02e-03	4.91e-03	0.08
1939	4	1819	19.83	4.14	-12.36	-7.92	-0.30	-7.32	0.03	-0.12	-0.06	-0.02	-0.07
		1820	19.29	4.55	-11.76	-6.45	-0.76	-7.65	0.09	-0.08	0.04	-0.02	-0.08
		1633	39.84	31.53	0.13	31.46	0.20	-1.50	0.06	-0.16	-0.08	-0.02	-0.11
		1634	60.40	48.30	-0.03	48.27	-8.26e-03	-1.06	0.08	-0.06	1.71e-03	0.01	-0.07
1940	1	1818	8.32	0.14	-3.09	-2.69	-0.26	1.07	0.32	-0.34	-0.02	-6.30e-03	0.33
		1819	7.32	-0.10	-3.07	-2.97	-0.20	0.54	0.33	-0.32	6.29e-03	1.86e-03	0.32
		1634	12.22	8.80	0.05	8.80	0.06	0.13	0.32	-0.33	-0.01	-1.28e-03	0.33
		1635	10.24	6.90	0.08	6.90	0.08	0.17	0.32	-0.32	-1.73e-03	1.92e-03	0.32
1940	2	1818	47.90	6.92	-32.32	-24.25	-1.15	-15.86	0.11	-0.24	-0.09	-0.04	-0.17
		1819	48.65	8.63	-31.78	-21.38	-1.78	-17.67	0.21	-0.19	0.02	-0.01	-0.20
		1634	163.31	130.26	0.34	130.18	0.42	-3.29	0.15	-0.26	-0.10	-0.02	-0.20
		1635	209.62	167.56	0.03	167.53	0.06	-2.30	0.17	-0.18	-0.02	0.01	-0.18
1940	3	1818	4.54	0.12	-2.98	-2.70	-0.15	-0.88	0.07	-0.09	-0.01	-5.62e-03	0.08
		1819	5.01	0.30	-3.10	-2.62	-0.18	-1.19	0.08	-0.08	4.75e-03	-6.85e-05	0.08
		1634	15.85	12.55	0.06	12.55	0.06	-0.18	0.07	-0.09	-0.01	-2.29e-03	0.08
		1635	18.55	14.79	0.04	14.79	0.04	-0.14	0.08	-0.08	-2.13e-03	1.72e-03	0.08
1940	4	1818	17.90	2.56	-12.07	-9.09	-0.42	-5.89	0.04	-0.09	-0.04	-0.02	-0.07
		1819	18.22	3.20	-11.92	-8.07	-0.65	-6.58	0.08	-0.07	9.97e-03	-3.83e-03	-0.08
		1634	60.87	48.54	0.14	48.51	0.17	-1.20	0.06	-0.10	-0.04	-7.38e-03	-0.08
		1635	78.05	62.39	0.02	62.38	0.04	-0.87	0.07	-0.07	-7.62e-03	4.40e-03	-0.07
1941	1	1817	9.43	0.73	-3.24	-2.25	-0.26	1.71	0.32	-0.33	-8.80e-03	8.85e-04	0.33
		1818	8.51	0.27	-3.15	-2.66	-0.22	1.20	0.33	-0.33	5.80e-04	-9.01e-04	0.33
		1635	10.26	6.87	0.05	6.86	0.06	0.23	0.32	-0.33	-8.74e-03	-6.40e-04	0.33
		1636	7.31	3.53	0.06	3.50	0.08	0.29	0.32	-0.32	-7.03e-04	8.23e-04	0.32
1941	2	1817	43.87	3.63	-31.58	-26.64	-1.31	-12.23	0.11	-0.21	-0.06	-0.04	-0.16
		1818	45.26	5.33	-31.50	-24.59	-1.58	-14.38	0.17	-0.19	-4.08e-03	-0.02	-0.18
		1635	210.38	168.04	0.30	167.99	0.34	-2.62	0.14	-0.21	-0.06	-6.54e-03	-0.17
		1636	247.07	197.48	0.12	197.46	0.14	-1.74	0.15	-0.17	-0.03	4.75e-03	-0.16
1941	3	1817	3.93	-0.10	-2.77	-2.71	-0.16	-0.41	0.08	-0.09	-8.84e-03	-3.13e-03	0.08
		1818	4.40	0.03	-2.92	-2.72	-0.17	-0.74	0.08	-0.08	6.18e-05	-1.35e-03	0.08
		1635	18.62	14.81	0.05	14.81	0.06	-0.10	0.08	-0.09	-8.85e-03	-8.73e-04	0.08
		1636	20.08	16.02	0.05	16.02	0.05	-0.06	0.08	-0.08	-3.07e-03	7.41e-04	0.08
1941	4	1817	16.37	1.35	-11.76	-9.94	-0.48	-4.54	0.04	-0.08	-0.02	-0.01	-0.06
		1818	16.94	1.99	-11.78	-9.22	-0.58	-5.36	0.07	-0.07	-1.32e-03	-5.78e-03	-0.07
		1635	78.34	62.57	0.12	62.55	0.14	-0.95	0.05	-0.08	-0.03	-2.62e-03	-0.07
		1636	91.94	73.49	0.06	73.49	0.06	-0.66	0.06	-0.07	-0.01	1.90e-03	-0.06
1942	1	1816	10.60	1.52	-3.45	-1.67	-0.26	2.38	0.33	-0.32	-4.21e-03	9.36e-03	0.32
		1817	9.72	0.90	-3.34	-2.21	-0.23	1.87	0.33	-0.32	-8.58e-04	3.28e-03	0.33
		1636	7.37	3.48	0.03	3.45	0.06	0.34	0.32	-0.33	-4.32e-03	-2.90e-04	0.33
		1637	6.34	0.19	-1.51	-1.41	0.08	0.40	0.32	-0.32	2.97e-03	4.37e-04	0.32
1942	2	1816	40.56	1.16	-30.79	-28.24	-1.39	-8.65	0.09	-0.18	-0.05	-0.04	-0.14
		1817	42.03	2.56	-30.96	-26.90	-1.51	-10.94	0.14	-0.18	-0.02	-0.03	-0.16
		1636	247.58	197.83	0.28	197.81	0.30	-2.00	0.13	-0.19	-0.05	-2.91e-03	-0.16
		1637	274.47	219.38	0.17	219.38	0.18	-1.16	0.12	-0.16	-0.04	2.37e-03	-0.14
1942	3	1816	3.55	-0.17	-2.62	-2.62	-0.17	0.06	0.08	-0.09	-5.92e-03	-5.90e-04	0.08
		1817	3.82	-0.14	-2.75	-2.71	-0.17	-0.28	0.08	-0.08	-1.77e-03	-9.93e-04	0.08



		1636	20.11	16.03	0.05	16.03	0.05	-0.03	0.08	-0.09	-6.45e-03	-3.91e-04	0.08
		1637	20.28	16.20	0.05	16.20	0.05	0.01	0.08	-0.08	-2.57e-03	3.77e-04	0.08
1942	4	1816	15.10	0.44	-11.44	-10.49	-0.50	-3.21	0.04	-0.07	-0.02	-0.01	-0.05
		1817	15.70	0.96	-11.54	-10.03	-0.55	-4.08	0.05	-0.07	-6.59e-03	-9.44e-03	-0.06
		1636	92.14	73.62	0.12	73.61	0.12	-0.72	0.05	-0.07	-0.02	-1.17e-03	-0.06
		1637	102.11	81.62	0.08	81.61	0.08	-0.45	0.05	-0.06	-0.01	9.51e-04	-0.05
1943	1	1815	11.80	2.48	-3.69	-0.94	-0.27	3.07	0.32	-0.30	-9.63e-05	0.02	0.31
		1816	10.93	1.71	-3.57	-1.61	-0.24	2.55	0.33	-0.32	-2.82e-04	0.01	0.32
		1637	6.48	0.18	-1.60	-1.48	0.06	0.46	0.32	-0.32	1.24e-03	-6.69e-05	0.32
		1638	11.59	0.12	-7.90	-7.87	0.09	0.52	0.32	-0.31	8.54e-03	2.67e-04	0.31
1943	2	1815	37.95	-0.52	-30.00	-29.10	-1.42	-5.08	0.08	-0.15	-0.04	-0.04	-0.11
		1816	39.27	0.43	-30.33	-28.42	-1.48	-7.43	0.11	-0.17	-0.02	-0.03	-0.14
		1637	274.80	219.62	0.26	219.61	0.27	-1.40	0.11	-0.16	-0.05	-1.43e-03	-0.14
		1638	291.82	233.25	0.21	233.25	0.21	-0.57	0.10	-0.14	-0.04	1.23e-03	-0.12
1943	3	1815	3.90	-0.06	-2.56	-2.44	-0.17	0.53	0.08	-0.08	-3.84e-03	2.45e-03	0.08
		1816	3.64	-0.16	-2.63	-2.62	-0.17	0.19	0.08	-0.08	-2.28e-03	5.02e-04	0.08
		1637	20.28	16.19	0.05	16.19	0.05	0.05	0.08	-0.09	-4.28e-03	-1.71e-04	0.08
		1638	19.15	15.31	0.05	15.31	0.05	0.09	0.08	-0.08	-1.20e-03	2.07e-04	0.08
1943	4	1815	14.08	-0.18	-11.12	-10.78	-0.52	-1.88	0.03	-0.06	-0.02	-0.02	-0.04
		1816	14.62	0.18	-11.27	-10.56	-0.54	-2.77	0.04	-0.06	-9.12e-03	-0.01	-0.05
		1637	102.23	81.70	0.11	81.70	0.11	-0.50	0.04	-0.06	-0.02	-5.76e-04	-0.05
		1638	108.54	86.75	0.09	86.75	0.09	-0.23	0.04	-0.05	-0.02	4.92e-04	-0.04
1944	1	1814	13.00	3.61	-3.93	-0.05	-0.27	3.77	0.32	-0.28	4.19e-03	0.03	0.30
		1815	12.15	2.70	-3.81	-0.87	-0.24	3.24	0.32	-0.30	1.55e-03	0.02	0.31
		1638	11.74	0.10	-8.00	-7.96	0.06	0.57	0.32	-0.31	7.93e-03	9.32e-05	0.31
		1639	20.73	0.11	-15.94	-15.91	0.09	0.64	0.30	-0.29	0.02	1.75e-04	0.29
1944	2	1814	36.10	-1.36	-29.29	-29.21	-1.45	-1.50	0.05	-0.13	-0.03	-0.04	-0.09
		1815	37.16	-0.93	-29.73	-29.19	-1.47	-3.88	0.09	-0.15	-0.03	-0.04	-0.12
		1638	292.00	233.38	0.25	233.38	0.25	-0.81	0.09	-0.14	-0.05	-6.99e-04	-0.11
		1639	299.08	239.06	0.23	239.06	0.23	0.02	0.07	-0.11	-0.04	6.07e-04	-0.09
1944	3	1814	4.38	0.25	-2.59	-2.16	-0.18	1.01	0.08	-0.08	-2.06e-03	6.27e-03	0.08
		1815	4.06	8.17e-03	-2.60	-2.42	-0.17	0.66	0.08	-0.08	-2.07e-03	2.98e-03	0.08
		1638	19.13	15.29	0.05	15.29	0.05	0.13	0.08	-0.08	-2.00e-03	-4.67e-05	0.08
		1639	16.74	13.35	0.05	13.35	0.06	0.17	0.08	-0.08	8.82e-04	1.16e-04	0.08
1944	4	1814	13.37	-0.50	-10.83	-10.81	-0.53	-0.55	0.02	-0.05	-0.01	-0.02	-0.04
		1815	13.79	-0.33	-11.02	-10.82	-0.53	-1.45	0.03	-0.06	-0.01	-0.01	-0.04
		1638	108.60	86.80	0.11	86.80	0.11	-0.28	0.04	-0.05	-0.02	-2.82e-04	-0.04
		1639	111.22	88.90	0.10	88.90	0.10	-0.01	0.03	-0.04	-0.02	2.44e-04	-0.04
1945	1	1813	14.17	4.88	-4.15	1.01	-0.28	4.47	0.30	-0.25	9.13e-03	0.05	0.27
		1814	13.37	3.84	-4.04	0.04	-0.25	3.94	0.32	-0.28	4.35e-03	0.03	0.30
		1639	20.88	0.08	-16.06	-16.03	0.05	0.69	0.30	-0.29	0.02	2.28e-04	0.30
		1640	32.36	0.12	-25.58	-25.56	0.09	0.76	0.28	-0.26	0.03	1.13e-04	0.27
1945	2	1813	35.19	-1.30	-28.75	-28.59	-1.46	2.08	0.03	-0.10	-0.03	-0.04	-0.07
		1814	35.82	-1.45	-29.23	-29.23	-1.46	-0.32	0.06	-0.13	-0.03	-0.04	-0.09
		1639	299.12	239.08	0.23	239.08	0.23	-0.21	0.07	-0.12	-0.04	-2.79e-04	-0.09
		1640	296.23	236.78	0.24	236.78	0.24	0.62	0.05	-0.09	-0.04	2.28e-04	-0.07
1945	3	1813	4.95	0.71	-2.68	-1.79	-0.18	1.49	0.08	-0.07	-2.82e-04	0.01	0.07
		1814	4.58	0.35	-2.66	-2.14	-0.17	1.14	0.08	-0.08	-1.41e-03	6.45e-03	0.08
		1639	16.72	13.32	0.04	13.32	0.05	0.21	0.08	-0.08	6.33e-04	3.67e-05	0.08
		1640	13.00	10.31	0.05	10.31	0.06	0.25	0.08	-0.07	3.65e-03	5.86e-05	0.07
1945	4	1813	13.01	-0.47	-10.62	-10.56	-0.53	0.78	0.01	-0.04	-0.01	-0.02	-0.03
		1814	13.26	-0.53	-10.81	-10.81	-0.53	-0.12	0.02	-0.05	-0.01	-0.01	-0.04
		1639	111.23	88.90	0.10	88.90	0.10	-0.06	0.03	-0.04	-0.02	-1.14e-04	-0.04
		1640	110.14	88.04	0.10	88.04	0.10	0.21	0.02	-0.04	-0.02	9.26e-05	-0.03
1946	1	1812	15.32	6.32	-4.33	2.26	-0.28	5.17	0.28	-0.20	0.02	0.07	0.24
		1813	14.55	5.13	-4.25	1.12	-0.24	4.64	0.30	-0.25	8.05e-03	0.05	0.27
		1640	32.51	0.08	-25.72	-25.70	0.05	0.81	0.28	-0.26	0.03	3.67e-04	0.27
		1641	46.49	0.12	-36.85	-36.83	0.10	0.88	0.25	-0.21	0.04	4.88e-05	0.23
1946	2	1812	35.47	-0.29	-28.40	-27.21	-1.47	5.65	9.34e-03	-0.08	-0.03	-0.04	-0.04
		1813	35.63	-1.06	-28.91	-28.52	-1.44	3.26	0.03	-0.10	-0.03	-0.04	-0.07
		1640	296.13	236.69	0.22	236.69	0.22	0.39	0.05	-0.09	-0.04	1.53e-05	-0.07
		1641	283.25	226.40	0.25	226.39	0.26	1.21	0.03	-0.07	-0.04	-6.30e-05	-0.04
1946	3	1812	5.57	1.30	-2.80	-1.31	-0.18	1.97	0.08	-0.06	1.72e-03	0.02	0.07
		1813	5.18	0.84	-2.76	-1.75	-0.17	1.62	0.08	-0.07	-4.35e-04	0.01	0.07
		1640	12.96	10.27	0.04	10.26	0.04	0.29	0.08	-0.07	3.80e-03	1.08e-04	0.07
		1641	7.95	6.19	0.04	6.17	0.06	0.33	0.07	-0.06	7.15e-03	1.05e-05	0.06
1946	4	1812	13.12	-0.09	-10.50	-10.05	-0.54	2.11	3.76e-03	-0.03	-0.01	-0.01	-0.02
		1813	13.17	-0.38	-10.68	-10.54	-0.52	1.21	0.01	-0.04	-0.01	-0.01	-0.03
		1640	110.11	88.00	0.09	88.00	0.09	0.17	0.02	-0.04	-0.02	3.60e-06	-0.03
		1641	105.30	84.17	0.11	84.17	0.11	0.43	0.01	-0.03	-0.02	-2.26e-05	-0.02
1947	1	1811	16.42	7.91	-4.48	3.71	-0.28	5.87	0.25	-0.13	0.02	0.09	0.19
		1812	15.70	6.57	-4.43	2.38	-0.24	5.34	0.28	-0.20	0.01	0.07	0.24
		1641	46.66	0.07	-37.01	-36.99	0.05	0.93	0.25	-0.21	0.04	5.43e-04	0.23
		1642	62.71	0.12	-49.75	-49.73	0.10	1.01	0.21	-0.16	0.05	-5.04e-05	0.18
1947	2	1811	36.50	1.69	-28.24	-25.07	-1.48	9.21	-0.01	-0.05	-0.03	-0.04	-0.02
		1812	36.33	0.28	-28.77	-27.06	-1.43	6.83	8.73e-03	-0.08	-0.03	-0.04	-0.04
		1641	283.03	226.20	0.20	226.20	0.20	0.99	0.03	-0.07	-0.04	3.07e-04	-0.04



		1642	260.15	207.92	0.26	207.91	0.27	1.81	7.55e-03	-0.05	-0.04	-3.82e-04	-0.02
1947	3	1811	6.23	2.01	-2.92	-0.73	-0.18	2.45	0.07	-0.04	4.14e-03	0.02	0.05
		1812	5.82	1.45	-2.88	-1.27	-0.17	2.10	0.08	-0.06	7.66e-04	0.02	0.07
		1641	7.91	6.14	0.02	6.11	0.04	0.37	0.07	-0.06	7.70e-03	1.89e-04	0.06
		1642	2.15	1.12	-0.10	0.95	0.06	0.41	0.06	-0.05	0.01	-4.99e-05	0.05
1947	4	1811	13.53	0.65	-10.45	-9.26	-0.54	3.44	-4.51e-03	-0.02	-0.01	-0.01	-7.50e-03
		1812	13.43	0.12	-10.63	-9.99	-0.52	2.54	3.55e-03	-0.03	-0.01	-0.01	-0.02
		1641	105.22	84.10	0.09	84.10	0.09	0.39	0.01	-0.03	-0.02	1.19e-04	-0.02
		1642	96.71	77.29	0.11	77.29	0.11	0.65	3.12e-03	-0.02	-0.02	-1.48e-04	-8.07e-03
1948	1	1810	17.47	9.69	-4.58	5.38	-0.27	6.55	0.21	-0.05	0.03	0.13	0.12
		1811	16.80	8.18	-4.57	3.85	-0.24	6.04	0.25	-0.14	0.02	0.09	0.19
		1642	62.93	0.07	-49.93	-49.91	0.04	1.06	0.21	-0.16	0.05	8.00e-04	0.18
		1643	81.02	0.12	-64.25	-64.23	0.10	1.13	0.15	-0.08	0.07	-2.32e-04	0.11
1948	2	1810	38.61	4.60	-28.24	-22.15	-1.49	12.76	-0.02	-0.04	-0.02	-0.03	4.58e-03
		1811	37.75	2.54	-28.79	-24.84	-1.41	10.39	-0.02	-0.06	-0.03	-0.04	-0.02
		1642	259.80	207.62	0.17	207.61	0.18	1.58	8.40e-03	-0.05	-0.04	7.14e-04	-0.02
		1643	226.97	181.38	0.26	181.34	0.29	2.41	-7.43e-04	-0.04	-0.04	-8.57e-04	2.24e-03
1948	3	1810	6.90	2.81	-3.02	-0.03	-0.18	2.92	0.06	-0.02	7.24e-03	0.03	0.04
		1811	6.49	2.17	-3.00	-0.67	-0.16	2.57	0.07	-0.04	2.10e-03	0.02	0.05
		1642	2.18	1.07	-0.16	0.88	0.04	0.45	0.06	-0.05	0.01	3.04e-04	0.05
		1643	6.91	0.11	-5.40	-5.36	0.06	0.49	0.04	-0.03	0.02	-1.49e-04	0.03
1948	4	1810	14.34	1.74	-10.47	-8.19	-0.54	4.76	-9.02e-03	-0.01	-9.49e-03	-0.01	1.33e-03
		1811	13.98	0.96	-10.64	-9.17	-0.51	3.86	-5.87e-03	-0.02	-0.01	-0.01	-8.07e-03
		1642	96.58	77.18	0.08	77.18	0.08	0.61	3.45e-03	-0.02	-0.02	2.78e-04	-7.76e-03
		1643	84.37	67.42	0.11	67.41	0.12	0.87	-3.24e-04	-0.02	-0.02	-3.34e-04	4.23e-04
1949	1	1809	18.49	11.65	-4.63	7.28	-0.27	7.21	0.17	0.04	0.04	0.16	0.03
		1810	17.83	9.97	-4.66	5.54	-0.23	6.72	0.20	-0.06	0.02	0.12	0.12
		1643	81.27	0.06	-64.46	-64.44	0.04	1.18	0.16	-0.08	0.07	1.21e-03	0.11
		1644	101.37	0.12	-80.35	-80.33	0.10	1.25	0.10	-6.07e-03	0.09	-5.77e-04	0.02
1949	2	1809	42.06	8.39	-28.33	-18.44	-1.49	16.29	2.40e-03	-0.05	-0.02	-0.03	0.03
		1810	40.31	5.67	-28.91	-21.84	-1.39	13.94	-0.04	-0.04	-0.04	-0.04	2.14e-03
		1643	226.48	180.96	0.14	180.94	0.17	2.18	1.72e-03	-0.04	-0.04	1.40e-03	3.56e-03
		1644	183.76	146.79	0.24	146.73	0.30	3.01	7.77e-03	-0.06	-0.05	-1.68e-03	0.02
1949	3	1809	7.58	3.72	-3.11	0.80	-0.18	3.38	0.05	7.77e-03	0.01	0.05	0.01
		1810	7.17	2.99	-3.10	0.04	-0.16	3.04	0.06	-0.02	3.40e-03	0.03	0.04
		1643	7.03	0.09	-5.50	-5.45	0.04	0.53	0.04	-0.03	0.02	4.89e-04	0.03
		1644	16.22	0.09	-12.77	-12.74	0.07	0.58	0.03	-3.03e-03	0.02	-3.29e-04	8.36e-03
1949	4	1809	15.65	3.15	-10.52	-6.83	-0.54	6.07	4.04e-04	-0.02	-7.85e-03	-0.01	9.74e-03
		1810	14.95	2.13	-10.70	-8.07	-0.50	5.18	-0.01	-0.02	-0.02	-0.01	3.73e-04
		1643	84.19	67.27	0.06	67.26	0.07	0.83	6.05e-04	-0.01	-0.01	5.48e-04	9.38e-04
		1644	68.30	54.56	0.10	54.54	0.13	1.10	2.59e-03	-0.02	-0.02	-6.57e-04	8.25e-03
1950	1	1808	22.17	13.82	-4.63	9.44	-0.25	7.85	0.25	0.03	0.06	0.21	-0.08
		1809	18.81	11.93	-4.70	7.46	-0.22	7.38	0.17	0.02	0.03	0.16	0.03
		1644	101.68	0.06	-80.58	-80.56	0.04	1.31	0.11	-4.00e-03	0.10	1.89e-03	0.02
		1645	123.74	0.12	-98.01	-97.99	0.10	1.37	0.17	-0.05	0.12	-1.22e-03	-0.09
1950	2	1808	46.64	13.02	-28.45	-13.92	-1.50	19.78	0.03	-0.06	-0.01	-0.02	0.05
		1809	44.10	9.65	-29.07	-18.05	-1.37	17.47	-0.02	-0.07	-0.05	-0.04	0.02
		1644	183.10	146.27	0.10	146.22	0.15	2.78	0.02	-0.05	-0.03	2.67e-03	0.03
		1645	130.60	104.23	0.20	104.10	0.32	3.60	0.02	-0.08	-0.05	-3.24e-03	0.04
1950	3	1808	8.99	4.74	-3.17	1.75	-0.18	3.84	0.07	9.49e-03	0.02	0.06	-0.02
		1809	7.84	3.90	-3.18	0.88	-0.16	3.51	0.05	1.55e-03	4.33e-03	0.04	0.01
		1644	16.37	0.06	-12.87	-12.85	0.03	0.62	0.03	-2.05e-03	0.03	8.11e-04	9.03e-03
		1645	26.87	0.09	-21.21	-21.19	0.07	0.66	0.04	-0.01	0.03	-6.68e-04	-0.02
1950	4	1808	17.38	4.87	-10.59	-5.17	-0.55	7.37	0.01	-0.02	-4.73e-03	-8.44e-03	0.02
		1809	16.38	3.61	-10.78	-6.68	-0.50	6.50	-8.20e-03	-0.02	-0.02	-0.01	8.02e-03
		1644	68.06	54.37	0.05	54.35	0.07	1.05	5.51e-03	-0.02	-0.01	1.04e-03	9.15e-03
		1645	48.53	38.73	0.09	38.69	0.13	1.32	7.09e-03	-0.03	-0.02	-1.26e-03	0.02
1951	1	1807	26.97	16.23	-4.58	11.89	-0.24	8.46	0.42	-0.06	0.09	0.27	-0.22
		1808	22.73	14.11	-4.69	9.63	-0.21	8.01	0.24	6.05e-04	0.03	0.20	-0.08
		1645	124.12	0.06	-98.25	-98.23	0.04	1.43	0.18	-0.04	0.13	3.12e-03	-0.09
		1646	148.07	0.12	-117.17	-117.15	0.10	1.49	0.33	-0.18	0.15	-2.47e-03	-0.24
1951	2	1807	52.33	18.47	-28.55	-8.56	-1.52	23.24	0.06	-0.07	3.49e-03	-0.01	0.07
		1808	48.93	14.45	-29.23	-13.45	-1.33	20.98	-9.72e-03	-0.09	-0.06	-0.04	0.04
		1645	129.73	103.60	0.02	103.49	0.13	3.37	0.04	-0.06	-0.03	5.12e-03	0.05
		1646	67.71	53.83	9.62e-03	53.50	0.34	4.20	0.03	-0.10	-0.06	-6.45e-03	0.06
1951	3	1807	10.97	5.87	-3.20	2.84	-0.17	4.28	0.12	-0.01	0.03	0.08	-0.06
		1808	9.33	4.93	-3.24	1.84	-0.15	3.96	0.07	-3.59e-03	4.21e-03	0.06	-0.02
		1645	27.06	0.06	-21.33	-21.31	0.03	0.70	0.05	-0.01	0.04	1.40e-03	-0.02
		1646	38.86	0.08	-30.70	-30.69	0.07	0.74	0.09	-0.05	0.04	-1.34e-03	-0.07
1951	4	1807	19.51	6.88	-10.64	-3.22	-0.55	8.66	0.02	-0.03	1.42e-03	-4.43e-03	0.02
		1808	18.20	5.38	-10.86	-5.00	-0.48	7.80	-4.42e-03	-0.04	-0.02	-0.01	0.01
		1645	48.21	38.50	0.02	38.46	0.06	1.27	0.01	-0.02	-0.01	2.00e-03	0.02
		1646	25.15	20.00	0.02	19.88	0.14	1.54	0.01	-0.04	-0.02	-2.52e-03	0.02
1952	1	1806	32.45	18.93	-4.47	14.66	-0.20	9.04	0.66	-0.19	0.12	0.35	-0.41
		1807	27.65	16.50	-4.63	12.09	-0.22	8.59	0.40	-0.11	0.04	0.26	-0.23
		1646	148.57	0.06	-117.44	-117.41	0.04	1.56	0.34	-0.16	0.17	5.69e-03	-0.24
		1647	174.33	0.10	-137.79	-137.78	0.08	1.60	0.53	-0.35	0.18	-5.18e-03	-0.43



*Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa*

1952	2	1806	59.11	24.72	-28.58	-2.30	-1.56	26.65	0.10	-0.07	0.03	2.00e-03	0.08
		1807	54.77	20.06	-29.36	-8.01	-1.29	24.48	-9.77e-03	-0.13	-0.09	-0.04	0.05
		1646	66.52	53.07	-0.20	52.77	0.10	3.96	0.06	-0.07	-0.01	0.01	0.06
		1647	13.67	3.18	-7.88	-5.07	0.36	4.82	0.03	-0.13	-0.08	-0.01	0.07
1952	3	1806	13.22	7.14	-3.20	4.10	-0.16	4.71	0.19	-0.05	0.04	0.10	-0.11
		1807	11.36	6.06	-3.27	2.94	-0.15	4.40	0.11	-0.04	1.64e-03	0.07	-0.06
		1646	39.10	0.05	-30.84	-30.82	0.03	0.78	0.10	-0.04	0.05	2.67e-03	-0.07
		1647	52.14	0.08	-41.23	-41.22	0.06	0.82	0.15	-0.10	0.05	-2.90e-03	-0.12
1952	4	1806	22.03	9.18	-10.68	-0.93	-0.57	9.93	0.04	-0.03	0.01	1.00e-03	0.03
		1807	20.38	7.46	-10.93	-3.01	-0.47	9.11	-4.55e-03	-0.05	-0.04	-0.02	0.02
		1646	24.72	19.72	-0.06	19.61	0.05	1.49	0.02	-0.02	-5.54e-03	4.08e-03	0.02
		1647	5.06	1.17	-2.91	-1.89	0.15	1.77	0.01	-0.05	-0.03	-5.66e-03	0.03
1953	1	1805	38.79	22.01	-4.27	17.82	-0.08	9.62	0.97	-0.33	0.18	0.46	-0.64
		1806	33.34	19.14	-4.56	14.86	-0.28	9.11	0.61	-0.27	0.03	0.32	-0.42
		1647	175.03	0.11	-138.07	-138.05	0.09	1.69	0.56	-0.32	0.23	0.01	-0.43
		1648	202.49	0.02	-159.85	-159.83	1.51e-03	1.71	0.79	-0.58	0.23	-0.01	-0.67
1953	2	1805	67.00	31.80	-28.45	4.98	-1.62	29.94	0.17	-0.06	0.10	0.01	0.10
		1806	61.69	26.56	-29.44	-1.67	-1.21	28.00	-0.03	-0.18	-0.16	-0.06	0.06
		1647	13.28	2.52	-8.34	-5.90	0.08	4.53	0.09	-0.05	0.01	0.03	0.07
		1648	91.89	0.77	-72.01	-71.60	0.35	5.47	0.02	-0.21	-0.15	-0.04	0.10
1953	3	1805	15.77	8.57	-3.16	5.54	-0.13	5.13	0.28	-0.08	0.06	0.14	-0.18
		1806	13.71	7.31	-3.27	4.21	-0.16	4.82	0.17	-0.09	-6.92e-03	0.09	-0.12
		1647	52.49	0.06	-41.38	-41.36	0.05	0.86	0.16	-0.09	0.07	6.26e-03	-0.12
		1648	66.72	0.05	-52.79	-52.77	0.04	0.90	0.22	-0.17	0.05	-7.78e-03	-0.19
1953	4	1805	24.95	11.79	-10.64	1.74	-0.59	11.15	0.06	-0.02	0.04	4.19e-03	0.04
		1806	22.95	9.85	-10.98	-0.69	-0.44	10.42	-0.01	-0.07	-0.06	-0.02	0.02
		1647	4.98	0.96	-3.12	-2.21	0.04	1.70	0.03	-0.02	4.94e-03	9.93e-03	0.03
		1648	34.20	0.29	-26.78	-26.63	0.14	2.01	7.45e-03	-0.08	-0.06	-0.02	0.04
1954	1	1804	46.32	25.72	-3.74	21.60	0.39	10.22	1.44	-0.46	0.31	0.66	-0.94
		1805	40.03	22.00	-4.63	17.97	-0.61	9.54	0.86	-0.50	-0.01	0.38	-0.65
		1648	203.69	0.35	-160.09	-160.07	0.33	1.84	0.87	-0.51	0.32	0.04	-0.67
		1649	232.60	-0.39	-183.42	-183.41	-0.41	1.86	1.11	-0.89	0.27	-0.05	-0.99
1954	2	1804	76.02	39.93	-27.58	13.75	-1.40	32.89	0.31	-0.09	0.27	-0.05	0.12
		1805	70.12	34.02	-29.69	5.62	-1.29	31.67	-0.08	-0.33	-0.30	-0.11	0.08
		1648	91.69	0.62	-72.90	-72.55	0.27	5.07	0.13	0.02	0.07	0.08	0.06
		1649	186.33	0.21	-146.58	-146.31	-0.06	6.30	0.03	-0.53	-0.35	-0.14	0.26
1954	3	1804	18.66	10.27	-2.97	7.28	0.02	5.53	0.43	-0.12	0.12	0.19	-0.27
		1805	16.46	8.68	-3.31	5.64	-0.27	5.22	0.23	-0.16	-0.03	0.10	-0.19
		1648	67.30	0.15	-52.93	-52.92	0.13	0.95	0.26	-0.14	0.10	0.02	-0.20
		1649	82.51	-0.10	-65.42	-65.40	-0.11	1.00	0.28	-0.26	0.05	-0.03	-0.27
1954	4	1804	28.28	14.78	-10.33	4.96	-0.51	12.25	0.12	-0.03	0.10	-0.02	0.04
		1805	26.08	12.60	-11.09	1.97	-0.47	11.78	-0.03	-0.13	-0.12	-0.04	0.03
		1648	34.12	0.25	-27.12	-26.98	0.11	1.90	0.05	7.48e-03	0.03	0.03	0.02
		1649	69.35	0.09	-54.51	-54.41	-8.27e-03	2.32	0.01	-0.20	-0.14	-0.06	0.10
1955	1	1803	54.32	30.72	-1.95	27.19	1.58	10.14	2.24	-0.40	0.67	1.17	-1.30
		1804	48.84	25.00	-5.52	21.13	-1.66	10.15	1.17	-0.82	-0.13	0.48	-0.95
		1649	236.16	2.08	-183.30	-183.28	2.07	1.64	1.47	-0.73	0.59	0.16	-1.08
		1650	261.64	-3.50	-209.16	-209.12	-3.54	2.94	1.18	-1.45	-0.02	-0.25	-1.31
1955	2	1803	84.94	50.42	-20.73	27.95	1.74	33.07	0.75	-0.52	0.74	-0.52	0.09
		1804	83.10	42.25	-32.06	13.38	-3.19	36.22	-0.30	-0.88	-0.79	-0.38	0.21
		1649	185.73	2.51	-147.22	-147.04	2.33	5.21	0.25	0.13	0.13	0.24	-0.02
		1650	293.94	-3.90	-231.39	-231.02	-4.26	9.09	0.32	-1.46	-0.79	-0.34	0.86
1955	3	1803	21.24	12.54	-1.95	9.98	0.61	5.53	0.66	-0.09	0.27	0.30	-0.38
		1804	20.02	10.16	-3.76	7.12	-0.72	5.75	0.28	-0.29	-0.11	0.11	-0.26
		1649	84.02	0.81	-65.43	-65.42	0.80	0.90	0.46	-0.20	0.19	0.07	-0.32
		1650	98.73	-1.32	-79.46	-79.43	-1.35	1.54	0.22	-0.40	-0.08	-0.11	-0.31
1955	4	1803	31.59	18.64	-7.78	10.21	0.65	12.32	0.29	-0.20	0.29	-0.20	0.03
		1804	30.90	15.63	-11.98	4.82	-1.17	13.47	-0.12	-0.34	-0.31	-0.15	0.08
		1649	69.08	0.94	-54.75	-54.68	0.87	1.96	0.10	0.05	0.05	0.10	-9.18e-03
		1650	109.45	-1.43	-86.05	-85.91	-1.57	3.36	0.12	-0.57	-0.31	-0.13	0.33
1956	1	198	49.06	33.46	-4.29	29.73	-0.56	11.26	0.80	-0.77	0.61	-0.58	-0.50
		1803	68.08	30.51	-4.56	25.52	0.44	12.26	2.68	-1.06	-0.06	1.68	-1.66
		1650	289.94	17.75	-208.40	-208.39	17.75	-0.72	3.00	-1.44	1.65	-0.09	-2.04
		258	324.91	-29.05	-233.31	-233.29	-29.07	1.94	-0.76	-5.67	-5.63	-0.79	0.42
1956	2	198	116.04	75.20	4.68	74.78	5.10	5.44	0.94	-3.09	0.92	-3.07	0.25
		1803	123.34	55.96	-48.87	15.08	-7.99	51.13	-1.26	-2.67	-2.29	-1.65	0.63
		1650	308.84	25.72	-226.67	-226.60	25.66	-3.92	-0.24	-1.87	-1.32	-0.78	0.77
		258	423.20	-46.85	-340.85	-336.61	-51.09	35.06	4.13	3.42	3.76	3.80	-0.35
1956	3	198	23.53	15.19	-0.85	14.25	0.09	3.76	0.29	-0.48	0.27	-0.46	-0.13
		1803	27.73	12.78	-4.68	8.49	-0.40	7.51	0.58	-0.46	-0.23	0.35	-0.43
		1650	107.61	7.20	-78.86	-78.86	7.20	-0.51	0.72	-0.45	0.37	-0.10	-0.53
		258	124.34	-12.32	-94.72	-94.59	-12.45	3.25	0.12	-1.33	-1.32	0.12	0.09
1956	4	198	43.50	27.76	1.61	27.60	1.77	2.03	0.37	-1.20	0.36	-1.19	0.10
		1803	46.04	20.73	-18.23	5.40	-2.90	19.03	-0.49	-1.04	-0.89	-0.64	0.24
		1650	114.96	9.57	-84.28	-84.26	9.54	-1.46	-0.09	-0.72	-0.51	-0.30	0.30
		258	157.81	-17.39	-126.79	-125.20	-18.97	13.06	1.61	1.33	1.46	1.48	-0.14
1957	1	1765	11.91	1.69	-3.03	-2.25	0.91	-1.75	0.72	-0.27	0.07	0.38	0.47



		175	5.44	-0.45	-3.74	-2.79	-1.40	-1.49	0.06	-0.11	0.04	-0.09	0.06
		167	15.89	1.63	-0.61	1.63	-0.61	-0.01	-0.27	-1.57	-1.56	-0.28	-0.09
		1651	12.42	4.41	0.47	4.41	0.48	-0.06	0.75	-0.41	0.37	-0.03	0.55
1957	2	1765	106.89	24.23	-52.83	-21.07	-7.53	-37.93	-0.33	-2.70	-1.36	-1.66	-1.18
		175	69.26	48.27	-2.43	43.08	2.76	15.38	0.26	-1.62	0.24	-1.59	-0.23
		167	133.32	7.16	-77.22	-51.91	-18.16	-38.67	5.12	2.49	5.05	2.57	0.44
		1651	60.49	32.18	3.58	31.32	4.44	4.88	0.61	-2.55	-1.56	-0.38	-1.46
1957	3	1765	8.37	2.22	-4.99	-2.56	-0.21	-3.41	-0.01	-0.13	-0.11	-0.03	0.04
		175	4.94	2.41	-0.63	2.20	-0.43	0.76	0.04	-0.18	0.04	-0.18	-2.81e-03
		167	7.67	0.70	-5.59	-3.31	-1.59	-3.03	0.16	-0.03	-0.03	0.16	0.01
		1651	4.78	3.93	0.45	3.88	0.50	0.39	4.89e-03	-0.08	-0.03	-0.05	0.04
1957	4	1765	40.08	8.96	-19.81	-8.14	-2.71	-14.13	-0.14	-1.03	-0.53	-0.64	-0.45
		175	25.95	17.75	-1.15	15.79	0.81	5.76	0.11	-0.64	0.10	-0.63	-0.09
		167	49.94	2.77	-28.73	-19.17	-6.78	-14.48	1.95	0.97	1.92	1.00	0.17
		1651	22.95	12.18	1.35	11.85	1.67	1.86	0.22	-0.97	-0.60	-0.15	-0.56
1958	1	1766	8.46	0.27	-2.83	-2.45	-0.11	-1.01	0.35	-0.37	-0.03	0.02	0.36
		1765	8.76	0.18	-2.96	-2.41	-0.37	-1.20	0.46	-0.23	0.07	0.15	0.34
		1651	9.43	4.64	0.02	4.62	0.04	-0.29	0.37	-0.44	-0.05	-0.02	0.40
		1652	10.81	7.01	0.05	7.01	0.06	-0.08	0.40	-0.33	0.05	0.01	0.37
1958	2	1766	65.15	15.81	-32.74	-15.25	-1.68	-23.31	0.34	-1.04	-0.41	-0.29	-0.69
		1765	55.21	16.64	-24.64	-7.98	-0.02	-20.25	0.53	-1.06	0.17	-0.69	-0.67
		1651	43.46	28.10	-0.98	26.94	0.18	-5.70	0.91	-1.43	-0.41	-0.11	-1.16
		1652	99.89	78.69	-0.34	78.57	-0.22	-3.05	0.59	-0.63	-0.12	0.08	-0.61
1958	3	1766	5.68	1.15	-3.38	-2.07	-0.15	-2.05	0.02	-0.09	-0.05	-0.02	0.05
		1765	5.43	1.21	-2.86	-1.56	-0.09	-1.90	0.07	-0.04	0.04	-0.01	0.05
		1651	5.07	3.63	-0.03	3.57	0.04	-0.49	-7.85e-03	-0.06	-0.05	-0.02	0.02
		1652	10.29	8.15	1.69e-03	8.14	0.01	-0.27	0.07	-0.05	6.89e-03	0.01	0.06
1958	4	1766	24.36	5.80	-12.29	-5.86	-0.62	-8.66	0.12	-0.40	-0.16	-0.11	-0.26
		1765	20.63	6.11	-9.32	-3.22	0.01	-7.54	0.20	-0.40	0.07	-0.26	-0.25
		1651	16.33	10.60	-0.33	10.18	0.08	-2.10	0.34	-0.55	-0.16	-0.05	-0.44
		1652	37.30	29.39	-0.12	29.35	-0.07	-1.15	0.22	-0.24	-0.04	0.03	-0.23
1959	1	1767	7.01	-0.09	-2.22	-2.14	-0.18	-0.43	0.34	-0.36	-0.02	-5.73e-03	0.35
		1766	7.91	0.04	-2.66	-2.42	-0.21	-0.78	0.38	-0.32	0.02	0.04	0.35
		1652	10.63	7.01	0.07	7.01	0.07	-0.08	0.36	-0.37	6.86e-04	-1.88e-03	0.37
		1653	11.54	8.08	0.06	8.08	0.06	-0.03	0.35	-0.34	7.70e-03	5.26e-03	0.35
1959	2	1767	55.02	11.55	-29.91	-17.54	-0.82	-18.97	0.41	-0.71	-0.17	-0.13	-0.56
		1766	55.75	12.26	-29.46	-15.21	-1.98	-19.79	0.57	-0.71	0.04	-0.18	-0.63
		1652	101.15	79.49	0.32	79.31	0.49	-3.75	0.57	-0.91	-0.27	-0.07	-0.73
		1653	153.01	121.89	-0.10	121.83	-0.04	-2.53	0.54	-0.56	-0.06	0.03	-0.55
1959	3	1767	4.93	0.75	-2.93	-2.08	-0.11	-1.55	0.04	-0.08	-0.02	-0.01	0.06
		1766	5.29	0.85	-3.09	-2.05	-0.20	-1.74	0.06	-0.05	0.01	-3.44e-03	0.05
		1652	10.49	8.20	0.06	8.19	0.07	-0.28	0.03	-0.07	-0.02	-7.12e-03	0.05
		1653	14.69	11.69	0.02	11.68	0.03	-0.21	0.06	-0.06	-1.47e-03	4.48e-03	0.06
1959	4	1767	20.55	4.26	-11.20	-6.64	-0.30	-7.05	0.15	-0.27	-0.07	-0.05	-0.21
		1766	20.86	4.52	-11.09	-5.84	-0.72	-7.37	0.22	-0.27	0.02	-0.07	-0.24
		1652	37.80	29.68	0.13	29.62	0.19	-1.36	0.21	-0.35	-0.11	-0.03	-0.28
		1653	56.99	45.41	-0.02	45.39	-2.60e-03	-0.96	0.20	-0.21	-0.02	0.01	-0.21
1960	1	1768	6.21	-0.17	-1.70	-1.69	-0.18	0.09	0.34	-0.35	-0.01	1.10e-03	0.35
		1767	6.69	-0.15	-2.16	-2.13	-0.19	-0.25	0.35	-0.34	7.70e-03	7.65e-03	0.35
		1653	11.56	8.07	0.06	8.07	0.06	0.02	0.35	-0.35	-5.73e-03	-9.46e-04	0.35
		1654	11.43	7.94	0.06	7.93	0.06	0.06	0.35	-0.34	3.36e-03	1.86e-03	0.34
1960	2	1768	47.60	7.51	-28.05	-19.44	-1.11	-15.24	0.38	-0.61	-0.11	-0.12	-0.49
		1767	50.65	9.01	-28.62	-17.91	-1.70	-16.98	0.52	-0.62	-7.74e-03	-0.09	-0.57
		1653	154.10	122.49	0.33	122.42	0.41	-3.00	0.49	-0.66	-0.15	-0.02	-0.57
		1654	197.54	157.47	0.04	157.44	0.07	-2.07	0.46	-0.53	-0.08	9.34e-03	-0.50
1960	3	1768	4.19	0.39	-2.54	-2.03	-0.12	-1.12	0.05	-0.08	-0.01	-9.72e-03	0.06
		1767	4.66	0.54	-2.81	-2.10	-0.17	-1.37	0.06	-0.06	2.60e-03	-4.84e-03	0.06
		1653	14.81	11.73	0.06	11.72	0.06	-0.19	0.05	-0.07	-0.01	-2.17e-03	0.06
		1654	17.94	14.29	0.04	14.29	0.04	-0.15	0.06	-0.06	-4.93e-03	1.56e-03	0.06
1960	4	1768	17.76	2.78	-10.47	-7.28	-0.40	-5.66	0.14	-0.23	-0.04	-0.05	-0.19
		1767	18.95	3.33	-10.73	-6.78	-0.62	-6.32	0.20	-0.23	-1.98e-03	-0.04	-0.21
		1653	57.41	45.63	0.14	45.60	0.16	-1.09	0.18	-0.25	-0.06	-7.42e-03	-0.22
		1654	73.50	58.60	0.03	58.59	0.04	-0.79	0.17	-0.20	-0.03	3.77e-03	-0.19
1961	1	1769	6.96	0.10	-1.41	-1.14	-0.17	0.58	0.34	-0.34	-4.71e-03	0.01	0.34
		1768	6.49	-0.13	-1.72	-1.68	-0.17	0.26	0.35	-0.34	3.08e-03	6.38e-03	0.35
		1654	11.44	7.92	0.06	7.92	0.06	0.11	0.34	-0.35	-3.10e-03	-5.34e-04	0.35
		1655	10.15	6.65	0.06	6.65	0.06	0.14	0.34	-0.34	6.28e-03	7.77e-04	0.34
1961	2	1769	41.12	4.21	-26.31	-20.84	-1.26	-11.71	0.31	-0.53	-0.09	-0.13	-0.42
		1768	44.78	5.88	-27.14	-19.75	-1.52	-13.77	0.44	-0.57	-0.03	-0.10	-0.50
		1654	198.22	157.90	0.29	157.87	0.33	-2.40	0.44	-0.56	-0.12	-6.25e-03	-0.49
		1655	232.66	185.48	0.13	185.46	0.14	-1.57	0.38	-0.47	-0.09	4.26e-03	-0.42
1961	3	1769	3.47	0.11	-2.16	-1.92	-0.13	-0.71	0.06	-0.08	-9.28e-03	-7.62e-03	0.07
		1768	3.98	0.26	-2.46	-2.05	-0.15	-0.97	0.06	-0.07	-1.35e-03	-5.94e-03	0.06
		1654	18.00	14.31	0.05	14.31	0.05	-0.12	0.06	-0.07	-0.01	-8.02e-04	0.06
		1655	20.06	15.99	0.04	15.99	0.04	-0.09	0.06	-0.07	-5.65e-03	6.79e-04	0.07
1961	4	1769	15.31	1.57	-9.78	-7.76	-0.46	-4.35	0.12	-0.20	-0.03	-0.05	-0.16
		1768	16.73	2.19	-10.14	-7.40	-0.55	-5.13	0.17	-0.22	-0.01	-0.04	-0.19



		1654	73.76	58.76	0.12	58.74	0.14	-0.86	0.16	-0.21	-0.05	-2.49e-03	-0.19
		1655	86.52	68.98	0.06	68.97	0.07	-0.60	0.14	-0.18	-0.04	1.71e-03	-0.16
1962	1	1770	7.67	0.74	-1.38	-0.49	-0.16	1.05	0.34	-0.32	7.17e-04	0.02	0.33
		1769	7.29	0.25	-1.53	-1.12	-0.16	0.75	0.35	-0.33	2.72e-03	0.01	0.34
		1655	10.17	6.62	0.05	6.61	0.06	0.19	0.34	-0.34	2.98e-03	-2.41e-04	0.34
		1656	7.92	4.28	0.05	4.27	0.07	0.22	0.33	-0.32	0.01	4.04e-04	0.33
1962	2	1770	35.39	1.59	-24.71	-21.80	-1.32	-8.25	0.23	-0.45	-0.08	-0.15	-0.34
		1769	38.96	3.05	-25.58	-21.08	-1.44	-10.42	0.35	-0.51	-0.05	-0.12	-0.43
		1655	233.12	185.79	0.27	185.78	0.29	-1.84	0.37	-0.48	-0.11	-2.65e-03	-0.42
		1656	258.33	205.94	0.17	205.93	0.18	-1.05	0.29	-0.40	-0.11	2.33e-03	-0.34
1962	3	1770	2.76	-0.08	-1.81	-1.76	-0.13	-0.31	0.07	-0.08	-6.49e-03	-5.21e-03	0.07
		1769	3.28	0.02	-2.10	-1.93	-0.14	-0.57	0.06	-0.07	-2.86e-03	-5.70e-03	0.07
		1655	20.09	16.00	0.05	16.00	0.05	-0.06	0.06	-0.07	-8.75e-03	-3.47e-04	0.07
		1656	21.06	16.80	0.05	16.80	0.05	-0.03	0.07	-0.07	-5.03e-03	3.57e-04	0.07
1962	4	1770	13.14	0.60	-9.15	-8.07	-0.48	-3.06	0.09	-0.17	-0.03	-0.06	-0.13
		1769	14.53	1.15	-9.52	-7.84	-0.52	-3.88	0.13	-0.19	-0.02	-0.05	-0.16
		1655	86.69	69.09	0.11	69.09	0.12	-0.66	0.14	-0.18	-0.04	-1.06e-03	-0.16
		1656	96.03	76.56	0.08	76.55	0.08	-0.41	0.11	-0.15	-0.04	9.27e-04	-0.13
1963	1	1771	8.30	1.56	-1.43	0.28	-0.15	1.48	0.33	-0.29	5.69e-03	0.03	0.31
		1770	8.02	0.93	-1.53	-0.45	-0.15	1.22	0.34	-0.32	4.31e-03	0.02	0.33
		1656	7.98	4.24	0.03	4.22	0.05	0.27	0.33	-0.32	0.01	-3.56e-05	0.33
		1657	5.79	0.96	-0.03	0.87	0.07	0.29	0.32	-0.30	0.02	2.35e-04	0.31
1963	2	1771	30.70	-0.30	-23.35	-22.29	-1.35	-4.81	0.14	-0.37	-0.07	-0.16	-0.25
		1770	33.72	0.76	-24.13	-21.96	-1.41	-7.02	0.25	-0.44	-0.05	-0.14	-0.34
		1656	258.62	206.15	0.25	206.14	0.26	-1.29	0.28	-0.40	-0.12	-1.17e-03	-0.34
		1657	274.51	218.84	0.20	218.84	0.20	-0.51	0.20	-0.31	-0.11	1.38e-03	-0.25
1963	3	1771	2.32	-0.13	-1.54	-1.54	-0.13	0.08	0.07	-0.08	-4.41e-03	-2.00e-03	0.07
		1770	2.60	-0.12	-1.78	-1.76	-0.14	-0.18	0.07	-0.07	-3.21e-03	-4.23e-03	0.07
		1656	21.06	16.80	0.05	16.80	0.05	8.14e-03	0.07	-0.07	-6.58e-03	-1.36e-04	0.07
		1657	20.96	16.74	0.05	16.74	0.05	0.03	0.07	-0.07	-3.46e-03	2.05e-04	0.07
1963	4	1771	11.35	-0.10	-8.62	-8.23	-0.49	-1.78	0.05	-0.14	-0.03	-0.06	-0.09
		1770	12.53	0.30	-8.94	-8.13	-0.51	-2.62	0.09	-0.17	-0.02	-0.05	-0.13
		1656	96.14	76.63	0.11	76.63	0.11	-0.45	0.11	-0.15	-0.04	-4.73e-04	-0.13
		1657	102.02	81.33	0.09	81.33	0.09	-0.21	0.07	-0.12	-0.04	5.43e-04	-0.09
1964	1	1772	8.84	2.49	-1.48	1.14	-0.13	1.88	0.32	-0.26	0.01	0.05	0.29
		1771	8.66	1.76	-1.57	0.32	-0.13	1.65	0.33	-0.29	7.10e-03	0.04	0.31
		1657	5.90	0.94	-0.09	0.80	0.05	0.35	0.32	-0.30	0.02	1.10e-04	0.31
		1658	6.79	0.10	-3.53	-3.49	0.07	0.36	0.30	-0.27	0.03	1.32e-04	0.28
1964	2	1772	27.57	-1.28	-22.39	-22.29	-1.37	-1.39	0.04	-0.27	-0.07	-0.16	-0.15
		1771	29.57	-0.79	-22.98	-22.38	-1.39	-3.61	0.15	-0.36	-0.06	-0.15	-0.25
		1657	274.66	218.95	0.24	218.95	0.24	-0.74	0.19	-0.31	-0.12	-4.02e-04	-0.25
		1658	281.17	224.15	0.22	224.15	0.22	0.04	0.10	-0.22	-0.12	8.39e-04	-0.15
1964	3	1772	2.67	0.03	-1.43	-1.26	-0.13	0.46	0.07	-0.07	-2.51e-03	2.32e-03	0.07
		1771	2.48	-0.10	-1.56	-1.53	-0.13	0.21	0.07	-0.07	-2.85e-03	-1.53e-03	0.07
		1657	20.95	16.73	0.04	16.73	0.04	0.07	0.07	-0.07	-4.15e-03	-1.69e-05	0.07
		1658	19.80	15.84	0.05	15.84	0.05	0.09	0.07	-0.07	-1.01e-03	1.17e-04	0.07
1964	4	1772	10.16	-0.46	-8.24	-8.21	-0.50	-0.51	0.02	-0.10	-0.03	-0.06	-0.06
		1771	10.95	-0.28	-8.49	-8.26	-0.51	-1.35	0.06	-0.14	-0.02	-0.06	-0.09
		1657	102.07	81.37	0.10	81.37	0.10	-0.25	0.07	-0.12	-0.05	-1.69e-04	-0.09
		1658	104.47	83.29	0.09	83.29	0.09	-5.46e-03	0.04	-0.08	-0.04	3.27e-04	-0.06
1965	1	1773	9.29	3.50	-1.51	2.11	-0.12	2.24	0.29	-0.21	0.02	0.07	0.25
		1772	9.21	2.69	-1.61	1.19	-0.12	2.05	0.32	-0.26	0.01	0.05	0.29
		1658	6.94	0.09	-3.62	-3.57	0.04	0.42	0.30	-0.27	0.03	2.22e-04	0.28
		1659	11.74	0.09	-8.75	-8.73	0.06	0.42	0.27	-0.23	0.04	4.48e-05	0.25
1965	2	1773	27.01	-1.19	-21.98	-21.78	-1.39	2.03	-0.04	-0.18	-0.06	-0.16	-0.05
		1772	27.26	-1.38	-22.31	-22.31	-1.38	-0.20	0.05	-0.27	-0.06	-0.16	-0.15
		1658	281.20	224.17	0.23	224.17	0.23	-0.19	0.10	-0.22	-0.12	5.22e-05	-0.15
		1659	278.31	221.87	0.23	221.87	0.24	0.58	0.02	-0.14	-0.12	4.83e-04	-0.05
1965	3	1773	3.13	0.39	-1.44	-0.93	-0.13	0.83	0.07	-0.07	-4.94e-04	7.91e-03	0.07
		1772	2.88	0.12	-1.50	-1.25	-0.13	0.59	0.07	-0.07	-1.98e-03	2.47e-03	0.07
		1658	19.79	15.82	0.04	15.82	0.04	0.13	0.07	-0.07	-1.19e-03	6.06e-05	0.07
		1659	17.68	14.10	0.05	14.10	0.05	0.15	0.07	-0.07	2.27e-03	5.55e-05	0.07
1965	4	1773	9.94	-0.43	-8.08	-8.00	-0.50	0.76	-0.02	-0.07	-0.02	-0.06	-0.02
		1772	10.04	-0.50	-8.21	-8.21	-0.50	-0.08	0.02	-0.10	-0.02	-0.06	-0.06
		1658	104.49	83.29	0.10	83.29	0.10	-0.05	0.04	-0.08	-0.05	1.03e-05	-0.06
		1659	103.39	82.43	0.10	82.43	0.10	0.20	7.75e-03	-0.05	-0.04	1.85e-04	-0.02
1966	1	1774	9.64	4.58	-1.50	3.18	-0.10	2.56	0.26	-0.15	0.02	0.09	0.20
		1773	9.65	3.70	-1.63	2.17	-0.10	2.41	0.29	-0.21	0.02	0.07	0.25
		1659	11.80	0.07	-8.84	-8.82	0.04	0.48	0.27	-0.23	0.04	3.28e-04	0.25
		1660	19.11	0.08	-14.78	-14.76	0.06	0.48	0.22	-0.17	0.05	-5.65e-05	0.20
1966	2	1774	28.01	0.03	-22.15	-20.72	-1.40	5.45	-0.04	-0.17	-0.06	-0.15	0.05
		1773	27.56	-0.87	-22.21	-21.71	-1.37	3.22	-0.04	-0.18	-0.06	-0.16	-0.05
		1659	278.22	221.79	0.21	221.79	0.21	0.36	0.02	-0.14	-0.12	3.69e-04	-0.05
		1660	265.87	211.97	0.24	211.97	0.25	1.14	0.02	-0.13	-0.11	1.75e-04	0.04
1966	3	1774	3.63	0.87	-1.52	-0.53	-0.12	1.18	0.07	-0.05	1.80e-03	0.01	0.06
		1773	3.38	0.52	-1.54	-0.90	-0.12	0.95	0.07	-0.07	-7.33e-04	7.83e-03	0.07
		1659	17.65	14.07	0.04	14.07	0.04	0.19	0.07	-0.07	2.49e-03	1.23e-04	0.07



		1660	14.55	11.57	0.05	11.56	0.05	0.21	0.06	-0.06	6.36e-03	-4.10e-06	0.06
1966	4	1774	10.32	0.03	-8.15	-7.61	-0.51	2.04	-0.02	-0.06	-0.02	-0.06	0.02
		1773	10.14	-0.31	-8.17	-7.98	-0.50	1.19	-0.02	-0.07	-0.02	-0.06	-0.02
		1659	103.36	82.40	0.09	82.40	0.09	0.15	7.42e-03	-0.05	-0.04	1.35e-04	-0.02
		1660	98.76	78.74	0.10	78.74	0.11	0.40	5.37e-03	-0.05	-0.04	6.46e-05	0.02
1967	1	1775	9.94	5.73	-1.47	4.34	-0.09	2.84	0.22	-0.07	0.03	0.11	0.14
		1774	9.99	4.78	-1.61	3.25	-0.08	2.73	0.26	-0.15	0.02	0.09	0.20
		1660	19.21	0.06	-14.88	-14.86	0.04	0.54	0.23	-0.17	0.05	4.59e-04	0.20
		1661	27.55	0.08	-21.50	-21.49	0.06	0.53	0.17	-0.10	0.07	-2.06e-04	0.13
1967	2	1775	31.47	2.27	-22.79	-19.10	-1.42	8.88	0.05	-0.24	-0.05	-0.14	0.14
		1774	29.13	0.71	-22.65	-20.58	-1.36	6.64	-0.04	-0.17	-0.06	-0.15	0.05
		1660	265.67	211.80	0.19	211.79	0.20	0.91	0.02	-0.13	-0.11	6.64e-04	0.05
		1661	243.85	194.43	0.25	194.41	0.27	1.69	0.09	-0.20	-0.11	-1.90e-04	0.13
1967	3	1775	4.13	1.43	-1.61	-0.06	-0.12	1.52	0.07	-0.04	4.52e-03	0.02	0.05
		1774	3.89	1.01	-1.62	-0.49	-0.11	1.30	0.07	-0.06	7.88e-04	0.01	0.06
		1660	14.52	11.53	0.03	11.52	0.04	0.25	0.07	-0.06	6.99e-03	1.90e-04	0.06
		1661	10.47	8.25	0.04	8.24	0.05	0.26	0.06	-0.04	0.01	-8.22e-05	0.05
1967	4	1775	11.64	0.88	-8.40	-7.01	-0.52	3.31	0.02	-0.09	-0.02	-0.05	0.05
		1774	10.73	0.28	-8.33	-7.56	-0.49	2.46	-0.02	-0.06	-0.02	-0.06	0.02
		1660	98.69	78.68	0.08	78.68	0.09	0.36	5.84e-03	-0.05	-0.04	2.50e-04	0.02
		1661	90.57	72.22	0.11	72.21	0.11	0.61	0.03	-0.07	-0.04	-7.75e-05	0.05
1968	1	1776	10.23	6.93	-1.42	5.58	-0.07	3.07	0.17	0.01	0.04	0.14	0.06
		1775	10.26	5.93	-1.57	4.42	-0.06	3.00	0.21	-0.08	0.03	0.11	0.14
		1661	27.68	0.05	-21.61	-21.60	0.03	0.59	0.17	-0.10	0.07	6.58e-04	0.13
		1662	36.83	0.07	-28.82	-28.81	0.06	0.57	0.11	-0.03	0.08	-4.55e-04	0.05
1968	2	1776	36.41	5.38	-23.72	-16.90	-1.44	12.33	0.14	-0.30	-0.05	-0.12	0.22
		1775	33.15	3.23	-23.47	-18.89	-1.36	10.07	0.04	-0.24	-0.06	-0.14	0.14
		1661	243.52	194.15	0.17	194.14	0.18	1.46	0.09	-0.19	-0.10	1.05e-03	0.13
		1662	212.18	169.19	0.25	169.16	0.28	2.25	0.17	-0.27	-0.10	-7.37e-04	0.21
1968	3	1776	4.60	2.04	-1.70	0.46	-0.12	1.85	0.06	-0.02	7.79e-03	0.03	0.03
		1775	4.40	1.58	-1.71	-0.02	-0.11	1.65	0.06	-0.04	2.42e-03	0.02	0.05
		1661	10.43	8.20	0.02	8.19	0.04	0.30	0.06	-0.04	0.01	2.86e-04	0.05
		1662	5.47	4.20	0.03	4.17	0.05	0.32	0.04	-0.02	0.02	-2.06e-04	0.03
1968	4	1776	13.50	2.04	-8.76	-6.20	-0.52	4.59	0.05	-0.11	-0.02	-0.04	0.08
		1775	12.24	1.22	-8.64	-6.93	-0.49	3.74	0.01	-0.09	-0.02	-0.05	0.05
		1661	90.45	72.12	0.08	72.11	0.08	0.56	0.03	-0.07	-0.04	4.02e-04	0.05
		1662	78.81	62.84	0.11	62.83	0.12	0.82	0.06	-0.10	-0.04	-2.89e-04	0.08
1969	1	1777	11.85	8.16	-1.35	6.86	-0.05	3.26	0.18	0.04	0.05	0.17	-0.03
		1776	10.50	7.13	-1.50	5.66	-0.04	3.24	0.17	4.36e-03	0.03	0.14	0.06
		1662	36.99	0.04	-28.94	-28.92	0.03	0.63	0.11	-0.03	0.09	9.99e-04	0.05
		1663	46.77	0.07	-36.62	-36.61	0.06	0.60	0.12	-0.02	0.10	-8.90e-04	-0.04
1969	2	1777	42.30	9.22	-24.79	-14.11	-1.46	15.78	0.22	-0.35	-0.04	-0.09	0.29
		1776	38.44	6.54	-24.50	-16.61	-1.35	13.52	0.13	-0.31	-0.06	-0.12	0.22
		1662	211.73	168.82	0.14	168.79	0.17	2.02	0.18	-0.26	-0.09	1.69e-03	0.21
		1663	170.85	136.25	0.24	136.19	0.30	2.82	0.24	-0.32	-0.08	-1.66e-03	0.28
1969	3	1777	5.05	2.70	-1.78	1.03	-0.11	2.17	0.05	8.20e-03	0.01	0.04	0.01
		1776	4.87	2.20	-1.80	0.50	-0.10	1.98	0.05	-0.02	3.87e-03	0.03	0.03
		1662	5.45	4.14	2.59e-03	4.11	0.03	0.36	0.04	-0.02	0.02	4.47e-04	0.03
		1663	1.22	0.21	-0.78	-0.62	0.05	0.37	0.03	-3.10e-03	0.02	-4.19e-04	8.26e-03
1969	4	1777	15.72	3.46	-9.18	-5.18	-0.53	5.88	0.08	-0.13	-0.01	-0.03	0.11
		1776	14.24	2.46	-9.04	-6.10	-0.49	5.02	0.05	-0.12	-0.02	-0.05	0.08
		1662	78.64	62.70	0.07	62.69	0.08	0.77	0.06	-0.10	-0.03	6.53e-04	0.08
		1663	63.45	50.60	0.10	50.58	0.12	1.02	0.09	-0.12	-0.03	-6.47e-04	0.10
1970	1	1778	14.54	9.37	-1.27	8.14	-0.03	3.41	0.30	-0.03	0.06	0.21	-0.15
		1777	12.26	8.35	-1.42	6.95	-0.02	3.43	0.18	0.02	0.03	0.17	-0.04
		1663	46.97	0.04	-36.74	-36.73	0.03	0.66	0.12	-0.01	0.11	1.62e-03	-0.04
		1664	57.22	0.07	-44.77	-44.76	0.06	0.61	0.23	-0.11	0.12	-1.67e-03	-0.16
1970	2	1778	48.81	13.70	-25.89	-10.72	-1.48	19.25	0.30	-0.38	-0.02	-0.06	0.34
		1777	44.56	10.54	-25.62	-13.74	-1.34	16.98	0.20	-0.36	-0.06	-0.10	0.28
		1663	170.24	135.77	0.10	135.72	0.15	2.59	0.25	-0.32	-0.07	2.86e-03	0.28
		1664	119.83	95.58	0.19	95.46	0.31	3.38	0.29	-0.37	-0.07	-3.33e-03	0.33
1970	3	1778	6.11	3.39	-1.86	1.64	-0.11	2.47	0.06	9.84e-03	0.02	0.06	-0.02
		1777	5.29	2.86	-1.87	1.08	-0.10	2.29	0.04	1.98e-03	4.66e-03	0.04	0.01
		1663	1.35	0.22	-0.87	-0.69	0.03	0.41	0.03	-2.08e-03	0.03	7.42e-04	8.91e-03
		1664	8.02	0.08	-6.13	-6.10	0.05	0.41	0.04	-0.01	0.03	-8.03e-04	-0.02
1970	4	1778	18.17	5.12	-9.61	-3.95	-0.54	7.17	0.11	-0.14	-7.77e-03	-0.02	0.13
		1777	16.54	3.94	-9.48	-5.05	-0.49	6.31	0.07	-0.14	-0.02	-0.04	0.10
		1663	63.22	50.42	0.05	50.41	0.07	0.98	0.09	-0.12	-0.03	1.11e-03	0.10
		1664	44.50	35.49	0.09	35.45	0.13	1.23	0.11	-0.14	-0.03	-1.29e-03	0.12
1971	1	1779	17.35	10.53	-1.19	9.35	-9.04e-03	3.53	0.46	-0.13	0.08	0.25	-0.29
		1778	15.04	9.56	-1.34	8.23	-3.90e-03	3.57	0.29	-0.06	0.03	0.20	-0.15
		1664	57.47	0.04	-44.89	-44.88	0.03	0.68	0.24	-0.10	0.13	2.83e-03	-0.16
		1665	68.01	0.06	-53.15	-53.15	0.06	0.62	0.37	-0.24	0.13	-3.14e-03	-0.30
1971	2	1779	55.75	18.75	-26.95	-6.70	-1.50	22.70	0.36	-0.39	1.89e-03	-0.03	0.38
		1778	51.20	15.14	-26.73	-10.27	-1.32	20.45	0.26	-0.41	-0.07	-0.08	0.33
		1664	119.02	94.99	0.03	94.89	0.13	3.15	0.31	-0.35	-0.05	5.14e-03	0.33
		1665	59.62	47.28	2.89e-04	46.95	0.33	3.96	0.32	-0.40	-0.07	-6.64e-03	0.36



1971	3	1779	7.56	4.09	-1.93	2.27	-0.10	2.77	0.11	-0.01	0.02	0.07	-0.06
		1778	6.44	3.55	-1.94	1.70	-0.09	2.60	0.06	-3.57e-03	3.88e-03	0.05	-0.02
		1664	8.17	0.06	-6.21	-6.18	0.03	0.46	0.05	-9.14e-03	0.03	1.32e-03	-0.02
		1665	15.76	0.07	-12.25	-12.23	0.05	0.46	0.08	-0.05	0.03	-1.54e-03	-0.06
1971	4	1779	20.76	6.99	-10.02	-2.49	-0.54	8.45	0.14	-0.15	8.85e-04	-0.01	0.14
		1778	19.03	5.65	-9.91	-3.78	-0.48	7.60	0.09	-0.15	-0.03	-0.03	0.12
		1664	44.19	35.28	0.02	35.24	0.06	1.19	0.12	-0.13	-0.02	2.00e-03	0.12
		1665	22.11	17.55	0.02	17.43	0.14	1.45	0.12	-0.15	-0.03	-2.58e-03	0.13
1972	1	1780	20.27	11.56	-1.12	10.43	0.01	3.62	0.65	-0.25	0.11	0.29	-0.44
		1779	18.02	10.71	-1.26	9.45	7.84e-03	3.68	0.44	-0.18	0.03	0.23	-0.29
		1665	68.35	0.04	-53.28	-53.27	0.03	0.68	0.39	-0.22	0.16	5.56e-03	-0.30
		1666	78.99	0.06	-61.65	-61.64	0.05	0.61	0.54	-0.40	0.15	-6.34e-03	-0.46
1972	2	1780	63.02	24.34	-27.89	-2.01	-1.53	26.12	0.42	-0.37	0.04	5.96e-03	0.40
		1779	58.21	20.34	-27.80	-6.18	-1.29	23.94	0.28	-0.44	-0.10	-0.06	0.36
		1665	59.19	46.57	-0.19	46.27	0.11	3.71	0.36	-0.37	-0.02	0.01	0.37
		1666	20.35	2.15	-11.15	-9.36	0.35	4.54	0.33	-0.43	-0.08	-0.01	0.38
1972	3	1780	9.11	4.80	-2.01	2.90	-0.10	3.06	0.17	-0.04	0.04	0.09	-0.10
		1779	7.96	4.26	-2.01	2.33	-0.08	2.90	0.10	-0.04	-2.40e-04	0.06	-0.06
		1665	15.96	0.05	-12.34	-12.32	0.03	0.50	0.09	-0.04	0.05	2.60e-03	-0.06
		1666	24.28	0.07	-18.99	-18.98	0.05	0.50	0.13	-0.09	0.04	-3.24e-03	-0.11
1972	4	1780	23.47	9.05	-10.40	-0.79	-0.56	9.72	0.16	-0.14	0.02	2.46e-03	0.15
		1779	21.64	7.57	-10.33	-2.30	-0.47	8.90	0.10	-0.16	-0.04	-0.02	0.13
		1665	21.98	17.29	-0.06	17.18	0.05	1.40	0.13	-0.14	-8.17e-03	3.97e-03	0.14
		1666	7.55	0.79	-4.13	-3.49	0.14	1.66	0.12	-0.16	-0.03	-5.70e-03	0.14
1973	1	1781	23.33	12.40	-1.05	11.29	0.06	3.71	0.90	-0.38	0.16	0.36	-0.63
		1780	21.22	11.72	-1.21	10.51	-5.35e-03	3.76	0.61	-0.34	7.41e-03	0.26	-0.46
		1666	79.50	0.06	-61.76	-61.76	0.05	0.68	0.57	-0.36	0.20	0.01	-0.46
		1667	90.06	0.02	-70.16	-70.15	0.02	0.58	0.73	-0.59	0.16	-0.02	-0.65
1973	2	1781	70.61	30.48	-28.60	3.46	-1.58	29.43	0.48	-0.34	0.11	0.03	0.41
		1780	65.56	26.14	-28.79	-1.42	-1.23	27.46	0.28	-0.48	-0.15	-0.05	0.37
		1666	19.97	1.64	-11.68	-10.14	0.10	4.26	0.40	-0.36	0.02	0.02	0.38
		1667	94.80	0.70	-73.84	-73.48	0.34	5.17	0.32	-0.50	-0.13	-0.04	0.40
1973	3	1781	10.73	5.50	-2.08	3.51	-0.09	3.33	0.24	-0.07	0.06	0.11	-0.15
		1780	9.62	4.97	-2.09	2.97	-0.08	3.19	0.14	-0.08	-0.01	0.07	-0.11
		1666	24.56	0.05	-19.09	-19.07	0.03	0.54	0.14	-0.08	0.06	6.40e-03	-0.11
		1667	33.51	0.05	-26.33	-26.32	0.04	0.54	0.18	-0.15	0.03	-8.54e-03	-0.16
1973	4	1781	26.29	11.30	-10.68	1.19	-0.58	10.96	0.18	-0.13	0.04	0.01	0.15
		1780	24.38	9.70	-10.72	-0.57	-0.44	10.21	0.10	-0.18	-0.06	-0.02	0.14
		1666	7.47	0.63	-4.36	-3.78	0.05	1.60	0.15	-0.13	6.63e-03	9.53e-03	0.14
		1667	35.25	0.27	-27.44	-27.30	0.14	1.90	0.12	-0.19	-0.05	-0.02	0.15
1974	1	1782	26.76	13.09	-0.87	11.96	0.26	3.80	1.26	-0.46	0.28	0.51	-0.86
		1781	24.73	12.49	-1.29	11.34	-0.14	3.80	0.77	-0.55	-0.05	0.28	-0.64
		1667	90.99	0.16	-70.24	-70.24	0.15	0.67	0.83	-0.51	0.27	0.05	-0.66
		1668	101.22	-0.15	-78.68	-78.68	-0.15	0.57	0.94	-0.84	0.16	-0.06	-0.88
1974	2	1782	78.49	37.40	-28.45	10.27	-1.32	32.41	0.55	-0.32	-0.27	-0.04	0.40
		1781	73.69	32.56	-29.86	4.04	-1.34	31.10	0.21	-0.59	-0.30	-0.09	0.38
		1667	94.15	0.60	-74.67	-74.36	0.30	4.79	0.44	-0.28	0.08	0.08	0.36
		1668	185.86	0.16	-145.91	-145.67	-0.09	5.97	0.32	-0.80	-0.34	-0.14	0.55
1974	3	1782	12.45	6.24	-2.07	4.17	-0.01	3.59	0.35	-0.09	0.11	0.15	-0.22
		1781	11.45	5.66	-2.22	3.57	-0.13	3.47	0.19	-0.16	-0.04	0.07	-0.16
		1667	34.01	0.09	-26.42	-26.41	0.08	0.58	0.22	-0.12	0.09	0.02	-0.17
		1668	43.37	-0.03	-34.28	-34.27	-0.04	0.60	0.21	-0.22	0.02	-0.03	-0.22
1974	4	1782	29.20	13.84	-10.65	3.67	-0.48	12.07	0.21	-0.12	0.10	-0.02	0.15
		1781	27.40	12.06	-11.14	1.41	-0.49	11.56	0.07	-0.22	-0.12	-0.03	0.14
		1667	34.99	0.24	-27.75	-27.63	0.12	1.80	0.16	-0.10	0.03	0.03	0.13
		1668	69.11	0.07	-54.21	-54.12	-0.02	2.20	0.12	-0.31	-0.13	-0.06	0.21
1975	1	1783	30.29	14.09	-0.01	13.15	0.92	3.51	1.93	-0.35	0.65	0.92	-1.14
		1782	29.24	12.85	-1.84	11.70	-0.69	3.95	0.93	-0.85	-0.22	0.31	-0.85
		1668	104.08	0.85	-78.59	-78.58	0.84	0.52	1.34	-0.68	0.50	0.17	-1.00
		1669	110.20	-1.42	-87.59	-87.58	-1.43	1.04	0.86	-1.26	-0.14	-0.26	-1.06
1975	2	1783	84.83	46.46	-22.14	22.61	1.71	32.67	0.80	-0.67	0.71	-0.58	0.35
		1782	85.80	39.43	-32.90	9.80	-3.27	35.57	-0.03	-1.11	-0.78	-0.36	0.50
		1668	184.91	2.52	-146.44	-146.28	2.36	4.91	0.46	-0.10	0.12	0.23	0.28
		1669	290.33	-3.95	-228.27	-227.92	-4.30	8.84	0.64	-1.72	-0.75	-0.33	1.16
1975	3	1783	13.71	7.23	-1.41	5.41	0.41	3.52	0.55	-0.07	0.26	0.22	-0.31
		1782	13.69	6.27	-2.65	4.06	-0.44	3.85	0.19	-0.27	-0.14	0.06	-0.21
		1668	44.65	0.45	-34.30	-34.29	0.44	0.54	0.39	-0.16	0.16	0.07	-0.28
		1669	54.02	-0.71	-43.12	-43.10	-0.73	0.95	0.10	-0.32	-0.11	-0.11	-0.21
1975	4	1783	31.54	17.16	-8.31	8.21	0.64	12.16	0.31	-0.26	0.28	-0.22	0.13
		1782	31.92	14.58	-12.29	3.49	-1.20	13.22	-0.02	-0.43	-0.30	-0.14	0.19
		1668	68.70	0.95	-54.41	-54.35	0.89	1.84	0.17	-0.03	0.05	0.09	0.10
		1669	108.01	-1.45	-84.81	-84.68	-1.58	3.26	0.24	-0.66	-0.29	-0.13	0.44
1976	1	199	31.11	15.18	-1.60	15.08	-1.49	1.34	0.87	-0.79	0.76	-0.68	-0.42
		1783	42.08	13.65	-1.80	11.37	0.48	5.48	2.01	-1.14	-0.36	1.22	-1.36
		1669	129.14	7.66	-86.72	-86.70	7.63	-1.41	2.54	-1.29	1.35	-0.10	-1.77
		276	155.73	-13.13	-96.54	-96.42	-13.25	3.14	-0.37	-4.71	-4.67	-0.40	0.40
1976	2	199	108.45	67.18	1.98	66.69	2.47	5.61	0.87	-3.19	0.84	-3.16	0.32



		1783	126.81	52.67	-49.64	9.70	-6.68	50.50	-1.09	-3.07	-2.33	-1.83	0.95
		1669	307.28	26.07	-223.42	-223.34	25.99	-4.51	0.06	-2.44	-1.58	-0.81	1.19
		276	424.55	-47.24	-335.02	-330.76	-51.50	34.76	4.96	3.90	4.79	4.07	-0.39
1976	3	199	17.57	9.34	-0.47	9.27	-0.40	0.83	0.32	-0.50	0.30	-0.49	-0.10
		1783	19.34	7.64	-4.03	3.89	-0.28	5.45	0.35	-0.48	-0.32	0.20	-0.32
		1669	59.13	4.24	-42.49	-42.48	4.23	-0.77	0.54	-0.38	0.26	-0.10	-0.43
		276	73.07	-7.51	-53.77	-53.49	-7.79	3.58	0.26	-0.97	-0.96	0.25	0.08
1976	4	199	40.66	24.75	0.59	24.57	0.77	2.09	0.34	-1.24	0.33	-1.23	0.12
		1783	47.34	19.51	-18.52	3.39	-2.40	18.79	-0.43	-1.18	-0.91	-0.71	0.36
		1669	114.29	9.69	-82.99	-82.96	9.66	-1.69	0.02	-0.94	-0.61	-0.31	0.45
		276	158.18	-17.53	-124.52	-122.93	-19.12	12.95	1.91	1.51	1.84	1.58	-0.15
1977	1	1745	9.03	2.22	-4.44	-2.52	0.30	-3.02	0.14	-0.16	-0.08	0.06	0.14
		176	4.16	0.94	-1.30	0.61	-0.97	0.80	0.06	-0.17	0.06	-0.17	0.01
		165	8.47	0.26	-4.63	-2.73	-1.64	-2.39	0.08	-0.38	-0.38	0.08	-0.02
		1670	5.22	2.71	0.53	2.59	0.64	0.48	0.18	-0.16	0.07	-0.05	0.16
1977	2	1745	118.98	21.91	-45.13	-19.06	-4.17	-32.68	0.10	-5.16	-1.95	-3.11	-2.57
		176	56.96	35.40	-6.22	30.34	-1.16	13.60	0.18	-2.09	0.11	-2.02	-0.40
		165	153.72	5.03	-64.10	-41.89	-17.18	-32.29	10.34	3.96	10.23	4.07	0.83
		1670	82.54	26.02	3.60	24.72	4.90	5.25	1.67	-5.08	-2.97	-0.44	-3.13
1977	3	1745	10.82	2.27	-4.90	-2.51	-0.11	-3.38	-0.05	-0.37	-0.19	-0.23	-0.16
		176	5.74	2.69	-1.16	2.17	-0.65	1.31	0.03	-0.24	0.03	-0.24	-0.03
		165	12.66	0.58	-6.20	-3.79	-1.84	-3.25	0.71	0.36	0.70	0.37	0.06
		1670	6.82	2.99	0.45	2.84	0.59	0.60	0.08	-0.35	-0.22	-0.06	-0.20
1977	4	1745	44.52	8.11	-16.95	-7.41	-1.44	-12.17	0.03	-1.95	-0.75	-1.17	-0.96
		176	21.39	12.90	-2.62	10.98	-0.70	5.11	0.07	-0.81	0.04	-0.79	-0.15
		165	57.40	1.99	-23.82	-15.39	-6.44	-12.11	3.89	1.51	3.85	1.55	0.31
		1670	31.15	9.90	1.36	9.39	1.86	2.01	0.62	-1.91	-1.12	-0.17	-1.17
1978	1	1744	5.63	0.84	-2.73	-1.74	-0.15	-1.59	0.09	-0.15	-0.05	-0.01	0.12
		1745	5.59	0.66	-2.60	-1.72	-0.21	-1.44	0.16	-0.08	0.05	0.03	0.12
		1670	4.25	2.47	-0.02	2.40	0.05	-0.40	0.07	-0.14	-0.06	-0.02	0.10
		1671	7.46	5.68	0.03	5.68	0.03	-0.12	0.15	-0.11	0.02	0.01	0.13
1978	2	1744	70.02	13.25	-26.08	-11.24	-1.59	-19.06	1.23	-2.08	-0.44	-0.42	-1.66
		1745	62.72	12.85	-20.98	-7.68	-0.44	-16.52	1.08	-2.37	0.01	-1.31	-1.59
		1670	53.86	21.93	-0.88	20.95	0.10	-4.63	2.13	-2.67	-0.44	-0.11	-2.40
		1671	82.62	61.59	-0.16	61.52	-0.10	-2.03	1.44	-1.67	-0.29	0.06	-1.55
1978	3	1744	6.02	1.17	-2.86	-1.53	-0.16	-1.89	0.05	-0.14	-0.06	-0.04	-0.09
		1745	5.25	1.08	-2.51	-1.35	-0.08	-1.68	0.07	-0.15	0.02	-0.10	-0.09
		1670	4.38	2.52	-0.04	2.45	0.03	-0.44	0.12	-0.20	-0.06	-0.02	-0.16
		1671	8.24	6.41	6.66e-03	6.40	0.01	-0.20	0.08	-0.08	-0.02	0.01	-0.08
1978	4	1744	26.10	4.85	-9.78	-4.34	-0.58	-7.07	0.45	-0.78	-0.17	-0.16	-0.62
		1745	23.40	4.70	-7.96	-3.12	-0.15	-6.15	0.40	-0.89	0.01	-0.49	-0.60
		1670	20.15	8.29	-0.30	7.94	0.05	-1.69	0.80	-1.01	-0.17	-0.04	-0.90
		1671	30.81	22.97	-0.05	22.95	-0.02	-0.76	0.54	-0.62	-0.11	0.02	-0.58
1979	1	1743	4.38	0.48	-1.84	-1.25	-0.12	-1.01	0.10	-0.14	-0.02	-0.01	0.12
		1744	4.97	0.45	-2.36	-1.69	-0.22	-1.20	0.13	-0.10	0.02	9.06e-03	0.12
		1671	7.54	5.69	0.08	5.69	0.08	-0.14	0.11	-0.13	-0.02	-6.96e-03	0.12
		1672	9.87	7.71	0.04	7.71	0.04	-0.08	0.13	-0.12	1.76e-03	5.22e-03	0.12
1979	2	1743	56.87	9.71	-21.47	-10.95	-0.81	-14.75	1.22	-1.64	-0.18	-0.24	-1.43
		1744	60.17	9.77	-22.68	-11.01	-1.90	-15.57	1.37	-1.75	-0.02	-0.36	-1.55
		1671	83.14	62.10	0.33	61.97	0.46	-2.79	1.50	-1.94	-0.37	-0.08	-1.71
		1672	120.32	93.95	-0.02	93.91	0.01	-1.68	1.33	-1.45	-0.14	0.02	-1.39
1979	3	1743	4.53	0.84	-2.20	-1.27	-0.08	-1.40	0.05	-0.10	-0.02	-0.02	-0.07
		1744	4.98	0.83	-2.51	-1.49	-0.19	-1.54	0.08	-0.10	6.15e-03	-0.03	-0.08
		1671	8.38	6.44	0.06	6.43	0.07	-0.22	0.08	-0.12	-0.04	-9.68e-03	-0.10
		1672	11.85	9.38	0.02	9.38	0.03	-0.17	0.07	-0.07	-0.01	4.00e-03	-0.07
1979	4	1743	21.16	3.58	-8.02	-4.14	-0.29	-5.47	0.45	-0.61	-0.07	-0.09	-0.53
		1744	22.45	3.60	-8.54	-4.25	-0.69	-5.80	0.51	-0.65	-4.39e-03	-0.14	-0.58
		1671	31.06	23.15	0.14	23.11	0.18	-1.00	0.56	-0.73	-0.14	-0.03	-0.64
		1672	44.73	34.93	5.74e-03	34.92	0.02	-0.64	0.50	-0.54	-0.05	8.89e-03	-0.52
1980	1	1742	3.42	0.23	-1.09	-0.76	-0.10	-0.57	0.11	-0.14	-0.01	-0.01	0.13
		1743	3.89	0.22	-1.64	-1.25	-0.17	-0.76	0.12	-0.12	5.25e-03	-3.47e-03	0.12
		1672	9.94	7.72	0.07	7.72	0.07	-0.05	0.12	-0.13	-0.01	-2.19e-03	0.12
		1673	11.19	8.77	0.05	8.77	0.05	-0.03	0.13	-0.13	-5.04e-03	2.04e-03	0.13
1980	2	1742	47.09	6.40	-18.54	-11.21	-0.93	-11.36	1.04	-1.49	-0.15	-0.30	-1.26
		1743	52.31	7.17	-19.93	-11.21	-1.55	-12.66	1.29	-1.58	-0.05	-0.24	-1.43
		1672	121.08	94.34	0.32	94.29	0.37	-2.17	1.31	-1.56	-0.23	-0.02	-1.43
		1673	152.27	119.61	0.07	119.59	0.08	-1.35	1.16	-1.34	-0.19	8.67e-03	-1.25
1980	3	1742	3.42	0.55	-1.72	-1.09	-0.09	-1.02	0.04	-0.08	-0.02	-0.03	-0.06
		1743	4.05	0.60	-2.04	-1.29	-0.15	-1.19	0.06	-0.09	-2.12e-03	-0.02	-0.07
		1672	11.96	9.41	0.06	9.41	0.06	-0.15	0.06	-0.09	-0.02	-2.58e-03	-0.07
		1673	14.64	11.59	0.03	11.59	0.03	-0.13	0.05	-0.07	-0.02	1.49e-03	-0.06
1980	4	1742	17.50	2.37	-6.89	-4.19	-0.33	-4.21	0.38	-0.55	-0.06	-0.11	-0.47
		1743	19.50	2.66	-7.46	-4.24	-0.56	-4.72	0.48	-0.59	-0.02	-0.09	-0.53
		1672	45.04	35.08	0.13	35.06	0.15	-0.78	0.49	-0.58	-0.09	-7.92e-03	-0.53
		1673	56.56	44.43	0.04	44.42	0.04	-0.52	0.43	-0.50	-0.07	3.45e-03	-0.46
1981	1	1741	2.67	0.06	-0.41	-0.25	-0.09	-0.22	0.12	-0.14	-9.62e-03	-0.01	0.13
		1742	2.96	0.03	-0.92	-0.76	-0.13	-0.36	0.12	-0.13	-6.37e-04	-8.76e-03	0.13



		1673	11.21	8.76	0.06	8.76	0.06	0.02	0.12	-0.13	-0.01	-7.27e-04	0.13
		1674	11.49	9.01	0.05	9.01	0.05	0.02	0.13	-0.13	-6.18e-03	9.31e-04	0.13
1981	2	1741	38.09	3.69	-16.25	-11.59	-0.96	-8.44	0.80	-1.31	-0.14	-0.37	-1.05
		1742	43.82	4.63	-17.34	-11.44	-1.27	-9.74	1.08	-1.46	-0.09	-0.29	-1.27
		1673	152.65	119.87	0.26	119.85	0.28	-1.69	1.14	-1.37	-0.23	-4.99e-03	-1.25
		1674	176.67	139.10	0.12	139.09	0.13	-0.99	0.94	-1.17	-0.24	4.68e-03	-1.05
1981	3	1741	2.44	0.31	-1.32	-0.93	-0.09	-0.69	0.02	-0.06	-0.01	-0.03	-0.04
		1742	3.08	0.37	-1.59	-1.10	-0.12	-0.85	0.04	-0.08	-6.83e-03	-0.03	-0.06
		1673	14.69	11.61	0.05	11.61	0.05	-0.10	0.05	-0.07	-0.02	-7.35e-04	-0.06
		1674	16.56	13.11	0.04	13.11	0.04	-0.09	0.03	-0.05	-0.02	7.11e-04	-0.04
1981	4	1741	14.14	1.38	-6.01	-4.29	-0.35	-3.13	0.30	-0.49	-0.05	-0.14	-0.39
		1742	16.32	1.74	-6.46	-4.27	-0.46	-3.63	0.40	-0.54	-0.03	-0.11	-0.47
		1673	56.71	44.53	0.11	44.52	0.12	-0.60	0.42	-0.51	-0.09	-2.00e-03	-0.46
		1674	65.59	51.65	0.06	51.65	0.06	-0.38	0.35	-0.44	-0.09	1.82e-03	-0.39
1982	1	1740	2.42	0.29	-0.08	0.28	-0.07	0.07	0.13	-0.14	-5.92e-03	-4.95e-03	0.14
		1741	2.22	-0.09	-0.25	-0.25	-0.10	-0.02	0.13	-0.14	-2.63e-03	-8.30e-03	0.13
		1674	11.48	9.00	0.05	9.00	0.05	0.07	0.13	-0.14	-9.42e-03	-2.52e-04	0.13
		1675	10.93	8.58	0.05	8.58	0.05	0.06	0.13	-0.14	-4.06e-03	4.71e-04	0.14
1982	2	1740	29.58	1.55	-14.41	-11.91	-0.95	-5.80	0.55	-1.10	-0.15	-0.41	-0.82
		1741	35.28	2.35	-15.22	-11.75	-1.11	-6.99	0.83	-1.30	-0.11	-0.36	-1.06
		1674	176.89	139.28	0.22	139.27	0.23	-1.27	0.92	-1.18	-0.25	-1.50e-03	-1.04
		1675	193.86	152.84	0.14	152.84	0.15	-0.62	0.69	-0.96	-0.27	2.79e-03	-0.81
1982	3	1740	1.55	0.11	-0.96	-0.77	-0.08	-0.41	-2.80e-04	-0.05	-0.01	-0.03	-0.02
		1741	2.15	0.17	-1.20	-0.94	-0.10	-0.54	0.02	-0.06	-9.44e-03	-0.03	-0.04
		1674	16.58	13.11	0.04	13.11	0.04	-0.05	0.03	-0.05	-0.02	-2.51e-04	-0.04
		1675	17.68	14.00	0.04	14.00	0.04	-0.05	0.01	-0.03	-0.02	3.88e-04	-0.02
1982	4	1740	10.96	0.59	-5.31	-4.38	-0.34	-2.15	0.20	-0.41	-0.05	-0.15	-0.30
		1741	13.13	0.90	-5.64	-4.35	-0.40	-2.61	0.31	-0.49	-0.04	-0.13	-0.39
		1674	65.69	51.72	0.09	51.71	0.10	-0.45	0.34	-0.44	-0.10	-6.21e-04	-0.39
		1675	71.96	56.74	0.07	56.74	0.07	-0.25	0.26	-0.36	-0.10	1.07e-03	-0.30
1983	1	1739	3.08	0.93	-0.14	0.84	-0.05	0.30	0.14	-0.14	-2.48e-03	3.05e-03	0.14
		1740	2.82	0.42	-0.20	0.29	-0.07	0.26	0.13	-0.14	-2.49e-03	-3.82e-03	0.14
		1675	10.90	8.56	0.04	8.56	0.05	0.11	0.13	-0.14	-5.54e-03	-5.19e-05	0.14
		1676	9.75	7.58	0.05	7.58	0.05	0.10	0.14	-0.14	1.91e-04	2.43e-04	0.14
1983	2	1739	21.87	-1.71e-03	-13.01	-12.08	-0.93	-3.34	0.28	-0.87	-0.15	-0.43	-0.56
		1740	27.08	0.54	-13.58	-12.02	-1.02	-4.42	0.57	-1.10	-0.13	-0.40	-0.82
		1675	193.99	152.96	0.19	152.96	0.20	-0.88	0.68	-0.96	-0.28	-3.45e-04	-0.81
		1676	204.24	161.16	0.15	161.16	0.15	-0.26	0.43	-0.72	-0.29	1.78e-03	-0.56
1983	3	1739	0.82	-0.03	-0.64	-0.59	-0.07	-0.16	-0.01	-0.03	-0.01	-0.03	-8.29e-04
		1740	1.31	7.08e-03	-0.86	-0.77	-0.08	-0.27	2.66e-03	-0.04	-0.01	-0.03	-0.02
		1675	17.69	14.00	0.04	14.00	0.04	-9.54e-03	0.01	-0.03	-0.02	-7.32e-05	-0.02
		1676	18.08	14.32	0.04	14.32	0.04	-9.90e-03	3.65e-04	-0.02	-0.02	2.26e-04	-1.76e-03
1983	4	1739	8.07	0.01	-4.77	-4.42	-0.33	-1.24	0.11	-0.32	-0.06	-0.16	-0.21
		1740	10.05	0.22	-5.01	-4.42	-0.36	-1.65	0.21	-0.41	-0.05	-0.15	-0.31
		1675	72.02	56.79	0.08	56.78	0.09	-0.31	0.25	-0.36	-0.10	-1.60e-04	-0.30
		1676	75.81	59.83	0.07	59.83	0.07	-0.11	0.16	-0.27	-0.11	6.81e-04	-0.21
1984	1	1738	3.68	1.58	-0.19	1.43	-0.04	0.49	0.14	-0.13	1.07e-03	0.01	0.13
		1739	3.46	1.07	-0.26	0.85	-0.05	0.49	0.14	-0.14	-1.07e-03	3.52e-03	0.14
		1676	9.75	7.56	0.04	7.55	0.04	0.15	0.14	-0.14	-3.06e-04	6.12e-05	0.14
		1677	8.04	6.12	0.05	6.12	0.05	0.13	0.13	-0.13	5.97e-03	1.07e-04	0.13
1984	2	1738	16.03	-0.83	-12.12	-12.03	-0.92	-0.98	0.03	-0.62	-0.15	-0.44	-0.29
		1739	19.83	-0.62	-12.48	-12.14	-0.96	-1.98	0.30	-0.87	-0.14	-0.43	-0.56
		1676	204.30	161.22	0.18	161.22	0.18	-0.51	0.43	-0.72	-0.29	2.44e-04	-0.55
		1677	208.06	164.26	0.16	164.26	0.16	0.10	0.18	-0.47	-0.30	1.22e-03	-0.29
1984	3	1738	0.70	-0.05	-0.42	-0.40	-0.07	0.08	-2.99e-06	-0.04	-0.01	-0.03	0.02
		1739	0.76	-0.07	-0.59	-0.59	-0.07	-0.01	-0.01	-0.03	-0.01	-0.03	-1.53e-03
		1676	18.08	14.32	0.04	14.32	0.04	0.03	8.15e-05	-0.02	-0.02	2.01e-05	-1.17e-03
		1677	17.81	14.11	0.04	14.11	0.04	0.03	9.57e-03	-0.03	-0.02	1.33e-04	0.02
1984	4	1738	5.87	-0.30	-4.42	-4.39	-0.33	-0.36	9.46e-03	-0.23	-0.06	-0.16	-0.11
		1739	7.33	-0.21	-4.57	-4.44	-0.34	-0.75	0.11	-0.32	-0.05	-0.16	-0.21
		1676	75.83	59.85	0.08	59.85	0.08	-0.17	0.16	-0.27	-0.11	7.42e-05	-0.21
		1677	77.22	60.97	0.07	60.97	0.07	0.02	0.07	-0.18	-0.11	4.63e-04	-0.11
1985	1	1737	4.23	2.24	-0.22	2.06	-0.03	0.65	0.14	-0.11	4.93e-03	0.02	0.12
		1738	4.04	1.72	-0.30	1.45	-0.03	0.68	0.14	-0.13	1.18e-03	0.01	0.13
		1677	8.05	6.09	0.03	6.08	0.04	0.18	0.13	-0.13	6.13e-03	1.42e-04	0.13
		1678	5.87	4.27	0.04	4.26	0.05	0.15	0.13	-0.11	0.01	0.0	0.12
1985	2	1737	15.33	-0.76	-11.90	-11.74	-0.92	1.33	-0.14	-0.44	-0.14	-0.44	-0.01
		1738	16.37	-0.91	-12.05	-12.04	-0.92	0.37	0.03	-0.62	-0.15	-0.44	-0.29
		1677	208.06	164.26	0.17	164.26	0.17	-0.15	0.17	-0.47	-0.30	6.27e-04	-0.29
		1678	205.48	162.26	0.17	162.26	0.17	0.46	2.19e-03	-0.29	-0.29	8.63e-04	-0.02
1985	3	1737	1.26	0.18	-0.43	-0.19	-0.07	0.30	0.02	-0.05	-9.61e-03	-0.03	0.04
		1738	0.92	0.04	-0.51	-0.40	-0.07	0.22	-2.44e-04	-0.04	-0.01	-0.03	0.02
		1677	17.80	14.10	0.04	14.10	0.04	0.06	9.96e-03	-0.03	-0.02	8.13e-05	0.02
		1678	16.92	13.41	0.04	13.41	0.04	0.06	0.03	-0.04	-0.02	6.80e-05	0.03
1985	4	1737	5.60	-0.27	-4.34	-4.28	-0.33	0.50	-0.05	-0.16	-0.05	-0.16	-4.82e-03
		1738	5.99	-0.33	-4.40	-4.39	-0.33	0.13	0.01	-0.23	-0.05	-0.16	-0.11
		1677	77.22	60.97	0.07	60.97	0.07	-0.03	0.06	-0.17	-0.11	2.25e-04	-0.11



1986	1	1678	76.26	60.23	0.08	60.23	0.08	0.15	8.27e-04	-0.11	-0.11	3.23e-04	-7.44e-03
		1736	4.74	2.92	-0.24	2.70	-0.03	0.79	0.13	-0.08	9.23e-03	0.04	0.10
		1737	4.56	2.38	-0.32	2.08	-0.02	0.84	0.14	-0.11	3.92e-03	0.02	0.12
		1678	5.89	4.24	0.03	4.23	0.04	0.21	0.13	-0.11	0.01	2.19e-04	0.12
1986	2	1679	3.40	2.09	0.03	2.07	0.05	0.17	0.11	-0.09	0.02	-1.12e-04	0.10
		1736	18.03	0.23	-12.34	-11.16	-0.94	3.66	0.01	-0.57	-0.14	-0.42	0.25
		1737	16.16	-0.28	-12.32	-11.69	-0.91	2.68	-0.14	-0.44	-0.15	-0.44	-0.02
		1678	205.41	162.21	0.15	162.21	0.16	0.21	1.74e-03	-0.29	-0.29	9.34e-04	-0.02
1986	3	1679	196.49	155.17	0.18	155.17	0.18	0.83	0.14	-0.42	-0.28	5.60e-04	0.24
		1736	1.94	0.51	-0.53	0.05	-0.07	0.52	0.04	-0.06	-7.70e-03	-0.02	0.05
		1737	1.55	0.32	-0.57	-0.18	-0.06	0.44	0.02	-0.05	-9.90e-03	-0.03	0.03
		1678	16.90	13.40	0.03	13.40	0.04	0.10	0.03	-0.04	-0.02	1.33e-04	0.03
1986	4	1679	15.41	12.23	0.04	12.23	0.04	0.09	0.04	-0.06	-0.02	6.67e-06	0.05
		1736	6.64	0.11	-4.51	-4.06	-0.34	1.37	4.25e-03	-0.21	-0.05	-0.16	0.09
		1737	5.91	-0.09	-4.49	-4.26	-0.33	0.99	-0.05	-0.16	-0.05	-0.16	-6.54e-03
		1678	76.24	60.21	0.07	60.21	0.07	0.10	6.56e-04	-0.11	-0.11	3.45e-04	-5.84e-03
1987	1	1679	72.92	57.59	0.08	57.59	0.08	0.29	0.05	-0.16	-0.10	2.06e-04	0.09
		1735	5.24	3.59	-0.27	3.35	-0.03	0.93	0.11	-0.04	0.01	0.05	0.08
		1736	5.04	3.05	-0.33	2.73	-0.02	0.98	0.13	-0.08	6.87e-03	0.04	0.10
		1679	3.46	2.06	9.88e-03	2.04	0.04	0.23	0.11	-0.09	0.02	3.23e-04	0.10
1987	2	1680	1.60	0.12	-0.48	-0.41	0.05	0.19	0.09	-0.06	0.03	-2.70e-04	0.07
		1735	24.56	1.98	-13.27	-10.30	-0.99	6.04	0.26	-0.77	-0.12	-0.38	0.50
		1736	19.99	1.13	-13.12	-11.07	-0.92	5.00	4.86e-03	-0.56	-0.14	-0.42	0.25
		1679	196.37	155.06	0.15	155.06	0.15	0.58	0.15	-0.42	-0.28	1.25e-03	0.25
1987	3	1680	181.00	142.91	0.19	142.90	0.20	1.20	0.38	-0.63	-0.26	2.10e-04	0.49
		1735	2.62	0.88	-0.65	0.30	-0.07	0.74	0.05	-0.07	-5.28e-03	-0.01	0.06
		1736	2.24	0.66	-0.66	0.06	-0.06	0.66	0.03	-0.06	-8.71e-03	-0.02	0.05
		1679	15.38	12.21	0.03	12.21	0.03	0.13	0.04	-0.06	-0.01	1.93e-04	0.05
1987	4	1680	13.30	10.57	0.04	10.57	0.04	0.13	0.05	-0.06	-0.01	-7.15e-05	0.06
		1735	9.09	0.77	-4.87	-3.74	-0.35	2.25	0.10	-0.29	-0.05	-0.14	0.19
		1736	7.35	0.44	-4.79	-4.03	-0.33	1.85	1.58e-03	-0.21	-0.05	-0.16	0.09
		1679	72.87	57.55	0.07	57.55	0.07	0.24	0.05	-0.16	-0.10	4.69e-04	0.09
1988	1	1680	67.17	53.03	0.08	53.03	0.09	0.43	0.14	-0.24	-0.10	7.05e-05	0.18
		1734	5.72	4.25	-0.30	3.98	-0.03	1.08	0.09	-1.86e-03	0.02	0.07	0.04
		1735	5.48	3.72	-0.35	3.39	-0.02	1.12	0.11	-0.05	9.62e-03	0.05	0.07
		1680	1.74	0.14	-0.56	-0.45	0.04	0.25	0.09	-0.06	0.03	4.99e-04	0.07
1988	2	1681	4.37	0.06	-3.20	-3.19	0.05	0.21	0.06	-0.02	0.04	-5.22e-04	0.03
		1734	32.14	4.35	-14.54	-9.14	-1.05	8.53	0.51	-0.95	-0.11	-0.33	0.72
		1735	27.01	3.16	-14.26	-10.16	-0.94	7.39	0.25	-0.77	-0.13	-0.38	0.50
		1680	180.81	142.73	0.14	142.73	0.14	0.95	0.38	-0.64	-0.25	1.69e-03	0.49
1988	3	1681	158.77	125.27	0.19	125.25	0.21	1.60	0.60	-0.83	-0.23	-2.95e-04	0.71
		1734	3.26	1.27	-0.78	0.57	-0.08	0.97	0.06	-0.07	-2.23e-03	-4.37e-03	0.07
		1735	2.91	1.03	-0.77	0.32	-0.06	0.88	0.05	-0.07	-7.32e-03	-0.01	0.06
		1680	13.26	10.54	0.03	10.54	0.03	0.17	0.05	-0.06	-9.82e-03	2.84e-04	0.06
1988	4	1681	10.57	8.42	0.04	8.42	0.04	0.16	0.06	-0.07	-6.10e-03	-1.92e-04	0.06
		1734	11.93	1.66	-5.35	-3.32	-0.38	3.18	0.19	-0.35	-0.04	-0.12	0.27
		1735	9.98	1.20	-5.22	-3.69	-0.34	2.74	0.09	-0.29	-0.05	-0.14	0.18
		1680	67.09	52.97	0.06	52.97	0.07	0.37	0.14	-0.24	-0.09	6.38e-04	0.18
1989	1	1681	58.91	46.48	0.08	46.47	0.09	0.57	0.22	-0.31	-0.08	-1.25e-04	0.26
		1733	6.56	4.87	-0.36	4.55	-0.04	1.25	0.09	0.03	0.03	0.09	-7.16e-03
		1734	5.90	4.38	-0.39	4.02	-0.02	1.27	0.08	-7.16e-03	0.01	0.07	0.04
		1681	4.45	0.06	-3.25	-3.23	0.04	0.27	0.06	-0.02	0.04	8.20e-04	0.04
1989	2	1682	8.32	0.06	-6.26	-6.26	0.05	0.22	0.05	-4.14e-03	0.05	-9.55e-04	-0.01
		1733	40.04	7.25	-16.06	-7.67	-1.13	11.18	0.74	-1.09	-0.08	-0.26	0.91
		1734	34.79	5.69	-15.63	-8.94	-0.99	9.89	0.50	-0.95	-0.12	-0.33	0.72
		1681	158.50	125.04	0.13	125.03	0.14	1.34	0.61	-0.83	-0.22	2.39e-03	0.71
1989	3	1682	129.45	102.00	0.19	101.96	0.23	2.01	0.80	-0.99	-0.19	-1.11e-03	0.89
		1733	3.88	1.69	-0.93	0.84	-0.09	1.22	0.07	-0.06	1.68e-03	5.68e-03	0.07
		1734	3.54	1.43	-0.90	0.60	-0.07	1.11	0.06	-0.07	-6.01e-03	-5.52e-03	0.06
		1681	10.53	8.39	0.03	8.39	0.03	0.20	0.06	-0.07	-4.12e-03	4.43e-04	0.06
1989	4	1682	7.31	5.76	0.04	5.76	0.05	0.20	0.06	-0.06	-7.70e-04	-3.96e-04	0.06
		1733	14.88	2.74	-5.93	-2.78	-0.41	4.17	0.28	-0.40	-0.03	-0.10	0.34
		1734	12.88	2.14	-5.74	-3.24	-0.36	3.67	0.18	-0.35	-0.05	-0.12	0.27
		1681	58.80	46.40	0.06	46.39	0.07	0.52	0.23	-0.31	-0.08	9.10e-04	0.26
1990	1	1682	48.02	37.83	0.09	37.82	0.10	0.73	0.30	-0.37	-0.07	-4.43e-04	0.33
		1732	7.75	5.40	-0.46	5.01	-0.06	1.47	0.14	-2.14e-03	0.04	0.10	-0.06
		1733	6.90	5.00	-0.45	4.59	-0.03	1.44	0.08	0.01	0.01	0.08	-0.01
		1682	8.43	0.05	-6.31	-6.30	0.04	0.28	0.06	-7.92e-04	0.05	1.43e-03	-0.01
1990	2	1683	12.71	0.06	-9.66	-9.65	0.06	0.24	0.10	-0.05	0.05	-1.73e-03	-0.07
		1732	47.97	10.66	-17.80	-5.90	-1.24	14.04	0.94	-1.17	-0.05	-0.18	1.05
		1733	42.78	8.71	-17.18	-7.42	-1.05	12.55	0.72	-1.10	-0.11	-0.27	0.90
		1682	129.09	101.69	0.11	101.66	0.14	1.75	0.81	-0.98	-0.17	3.64e-03	0.89
1990	3	1683	92.62	72.70	0.18	72.62	0.26	2.46	0.95	-1.10	-0.14	-2.53e-03	1.02
		1732	4.46	2.12	-1.12	1.09	-0.10	1.50	0.07	-0.05	6.88e-03	0.02	0.06
		1733	4.14	1.84	-1.05	0.87	-0.08	1.37	0.06	-0.07	-5.24e-03	3.56e-03	0.06
		1682	7.32	5.73	0.03	5.72	0.03	0.23	0.07	-0.06	2.73e-03	7.37e-04	0.06
1990		1683	3.50	2.57	0.03	2.55	0.05	0.23	0.06	-0.05	4.73e-03	-7.59e-04	0.06



1990	4	1732	17.83	4.00	-6.59	-2.14	-0.45	5.23	0.35	-0.43	-0.02	-0.07	0.39
		1733	15.86	3.26	-6.33	-2.69	-0.38	4.66	0.27	-0.41	-0.04	-0.10	0.33
		1682	47.87	37.72	0.05	37.71	0.06	0.67	0.30	-0.37	-0.06	1.39e-03	0.33
		1683	34.34	26.96	0.08	26.93	0.11	0.89	0.35	-0.41	-0.05	-9.95e-04	0.38
1991	1	1731	9.00	5.78	-0.60	5.26	-0.08	1.75	0.22	-0.05	0.05	0.12	-0.13
		1732	8.23	5.54	-0.54	5.05	-0.05	1.66	0.13	-0.03	8.02e-03	0.09	-0.07
		1683	12.87	0.05	-9.70	-9.69	0.04	0.29	0.11	-0.04	0.07	2.65e-03	-0.07
		1684	17.60	0.07	-13.43	-13.43	0.06	0.25	0.17	-0.11	0.06	-3.25e-03	-0.14
1991	2	1731	55.76	14.58	-19.80	-3.85	-1.37	17.15	1.10	-1.18	-5.21e-03	-0.07	1.14
		1732	50.74	12.22	-18.93	-5.59	-1.13	15.41	0.90	-1.19	-0.10	-0.19	1.04
		1683	92.13	72.32	0.07	72.26	0.14	2.19	0.98	-1.09	-0.12	5.99e-03	1.03
		1684	51.11	37.00	0.06	36.77	0.29	2.94	1.06	-1.15	-0.09	-5.25e-03	1.10
1991	3	1731	5.01	2.55	-1.36	1.30	-0.11	1.82	0.07	-0.03	0.01	0.03	0.05
		1732	4.70	2.28	-1.23	1.13	-0.09	1.65	0.06	-0.05	-5.84e-03	0.01	0.06
		1683	3.55	2.54	6.61e-03	2.51	0.04	0.27	0.06	-0.05	0.01	1.31e-03	0.06
		1684	1.97	0.11	-1.31	-1.26	0.05	0.27	0.05	-0.04	9.88e-03	-1.47e-03	0.04
1991	4	1731	20.73	5.45	-7.34	-1.40	-0.49	6.38	0.41	-0.44	-1.60e-03	-0.03	0.42
		1732	18.83	4.56	-6.99	-2.02	-0.41	5.72	0.33	-0.44	-0.04	-0.07	0.39
		1683	34.15	26.82	0.04	26.79	0.06	0.83	0.36	-0.40	-0.04	2.30e-03	0.38
		1684	18.90	13.70	0.04	13.62	0.12	1.07	0.39	-0.43	-0.03	-2.06e-03	0.41
1992	1	1730	10.33	5.93	-0.84	5.19	-0.11	2.11	0.31	-0.10	0.07	0.15	-0.20
		1731	9.69	5.93	-0.70	5.31	-0.07	1.94	0.20	-0.09	-2.86e-03	0.11	-0.14
		1684	17.84	0.06	-13.48	-13.47	0.05	0.30	0.18	-0.09	0.08	5.45e-03	-0.13
		1685	23.03	0.07	-17.65	-17.64	0.07	0.26	0.24	-0.19	0.06	-6.95e-03	-0.21
1992	2	1730	63.30	18.99	-22.08	-1.56	-1.52	20.54	1.22	-1.10	0.06	0.06	1.16
		1731	58.55	16.24	-20.93	-3.47	-1.22	18.55	1.02	-1.22	-0.10	-0.10	1.12
		1684	50.82	36.52	-0.05	36.33	0.14	2.66	1.10	-1.13	-0.04	0.01	1.11
		1685	26.85	1.83	-7.65	-6.15	0.33	3.46	1.09	-1.14	-0.03	-0.01	1.11
1992	3	1730	5.50	2.96	-1.67	1.42	-0.13	2.18	0.07	7.19e-03	0.03	0.05	0.03
		1731	5.20	2.72	-1.47	1.35	-0.10	1.96	0.05	-0.04	-9.42e-03	0.02	0.04
		1684	2.01	0.10	-1.37	-1.30	0.04	0.31	0.06	-0.03	0.02	2.59e-03	0.04
		1685	7.33	0.07	-5.73	-5.72	0.06	0.31	0.03	-0.02	0.01	-3.22e-03	0.02
1992	4	1730	23.54	7.07	-8.20	-0.58	-0.55	7.64	0.45	-0.41	0.02	0.02	0.43
		1731	21.73	6.05	-7.75	-1.25	-0.44	6.89	0.38	-0.45	-0.04	-0.04	0.42
		1684	18.84	13.53	-0.01	13.45	0.06	1.01	0.41	-0.42	-0.01	4.18e-03	0.41
		1685	9.94	0.67	-2.85	-2.31	0.13	1.26	0.40	-0.42	-0.01	-4.79e-03	0.41
1993	1	2226	11.69	-0.06	-8.92	-0.06	-8.92	0.11	0.50	-0.09	-7.29e-03	0.42	-0.20
		277	8.99	0.29	-6.50	0.13	-6.34	-1.03	0.83	0.23	0.82	0.24	-0.08
		304	11.90	0.73	-4.63	0.28	-4.18	-1.49	1.51	0.15	1.20	0.45	-0.57
		2227	12.02	0.02	-7.57	0.02	-7.57	1.21e-03	0.90	-0.36	0.06	0.49	-0.59
1993	2	2226	15.92	-2.77	-10.96	-2.90	-10.83	-1.03	1.39	-0.60	0.07	0.71	-0.94
		277	45.91	14.47	-23.61	3.25	-12.39	-17.36	1.92	-0.58	1.09	0.24	-1.17
		304	44.57	9.68	-21.12	-3.69	-7.75	-15.26	2.60	-0.86	1.32	0.43	-1.67
		2227	36.49	24.66	4.53	5.13	24.05	-3.43	2.48	-1.39	0.36	0.73	-1.93
1993	3	2226	5.78	-0.26	-4.46	-0.26	-4.46	-0.04	0.29	-0.08	5.38e-03	0.21	-0.15
		277	7.04	1.03	-4.63	0.31	-3.92	-1.88	0.50	0.09	0.46	0.13	-0.13
		304	8.05	0.82	-3.65	-0.20	-2.62	-1.88	0.83	0.04	0.64	0.23	-0.34
		2227	4.36	0.47	-1.07	0.42	-1.02	-0.27	0.52	-0.24	0.05	0.24	-0.37
1993	4	2226	7.03	-1.06	-5.06	-1.10	-5.02	-0.38	0.56	-0.23	0.03	0.30	-0.37
		277	18.22	5.32	-9.80	1.24	-5.71	-6.71	0.83	-0.16	0.54	0.13	-0.45
		304	17.75	3.54	-8.60	-1.38	-3.68	-5.96	1.15	-0.25	0.67	0.23	-0.66
		2227	13.71	8.60	1.69	1.94	8.35	-1.29	0.99	-0.55	0.13	0.31	-0.77
1994	1	2052	13.83	1.87	0.43	1.78	0.52	-0.34	0.75	-1.62	-0.92	0.06	1.08
		2051	14.54	1.70	-0.80	1.69	-0.80	-0.05	1.79	-0.60	1.46	-0.27	0.82
		947	7.74	2.20	-0.42	1.77	0.02	0.97	-0.41	-1.26	-0.69	-0.98	0.40
		946	9.53	4.12	-0.25	3.96	-0.10	0.80	0.58	-0.65	0.19	-0.26	0.57
1994	2	2052	92.03	76.87	-16.70	76.31	-16.13	7.24	1.19	-2.31	-1.09	-0.02	1.67
		2051	150.31	139.20	24.32	131.58	31.93	-28.57	4.10	-0.28	4.07	-0.25	0.37
		947	48.11	2.32	-45.86	-44.37	0.82	8.36	-0.85	-1.47	-0.90	-1.42	-0.17
		946	38.19	22.84	-13.41	4.22	5.21	-18.11	1.02	-0.36	0.61	0.05	0.63
1994	3	2052	11.67	6.97	-1.12	6.95	-1.09	0.45	0.42	-0.85	-0.46	0.03	0.58
		2051	15.78	11.87	1.69	11.31	2.26	-2.33	1.00	-0.30	0.85	-0.16	0.41
		947	5.50	0.46	-3.22	-2.83	0.07	1.13	-0.19	-0.54	-0.31	-0.42	0.17
		946	5.00	2.57	-0.15	2.04	0.39	-1.08	0.38	-0.22	0.15	8.20e-03	0.29
1994	4	2052	35.67	29.23	-6.23	29.03	-6.03	2.70	0.55	-1.05	-0.51	6.88e-03	0.76
		2051	57.06	52.65	9.10	49.79	11.96	-10.79	1.66	-0.19	1.62	-0.15	0.28
		947	18.37	0.94	-17.13	-16.50	0.31	3.31	-0.37	-0.55	-0.37	-0.55	7.35e-04
		946	14.83	8.72	-4.65	2.11	1.96	-6.69	0.51	-0.13	0.27	0.10	0.31
1995	1	2053	6.87	1.48	0.07	1.46	0.10	-0.18	0.38	-0.76	-0.31	-0.07	0.56
		2052	7.93	1.66	-0.14	1.64	-0.12	-0.19	0.57	-0.78	-0.25	0.04	0.66
		946	8.51	4.22	-0.08	4.09	0.05	0.75	0.44	-0.79	-0.18	-0.18	0.62
		945	7.87	6.12	-0.13	6.04	-0.05	0.69	0.58	-0.24	0.07	0.28	0.40
1995	2	2053	61.36	58.23	-1.91	58.08	-1.76	-3.01	0.90	-1.14	-0.11	-0.13	1.02
		2052	82.84	83.25	2.91	83.05	3.11	-4.01	0.97	-0.62	0.26	0.09	0.79
		946	23.44	4.75	-12.72	-5.11	-2.86	-8.67	0.83	-0.71	-0.02	0.14	0.77
		945	24.76	15.37	-3.34	9.26	2.77	-8.78	1.23	-0.37	0.15	0.72	0.75
1995	3	2053	7.27	5.43	-0.12	5.41	-0.10	-0.31	0.23	-0.41	-0.14	-0.04	0.31



		2052	9.11	7.46	0.18	7.43	0.20	-0.40	0.31	-0.40	-0.11	0.02	0.35
		946	4.36	1.40	-0.28	1.33	-0.21	-0.34	0.33	-0.32	-0.04	0.06	0.32
		945	4.90	3.36	0.16	3.31	0.20	-0.38	0.43	-0.06	0.07	0.30	0.22
1995	4	2053	23.82	22.25	-0.71	22.19	-0.65	-1.15	0.38	-0.52	-0.09	-0.05	0.45
		2052	31.54	31.63	1.08	31.55	1.16	-1.53	0.42	-0.35	0.04	0.03	0.38
		946	9.40	1.90	-4.37	-1.39	-1.07	-3.13	0.45	-0.29	0.01	0.15	0.37
		945	10.03	6.22	-0.92	4.26	1.04	-3.18	0.63	-0.10	0.10	0.43	0.32
1996	1	2054	4.83	1.32	0.01	1.31	0.03	-0.14	0.28	-0.49	-0.20	-0.01	0.38
		2053	6.07	1.45	-0.03	1.43	-7.10e-03	-0.19	0.37	-0.62	-0.25	-4.45e-03	0.48
		945	8.06	6.15	-0.05	6.07	0.03	0.70	0.58	-0.34	5.45e-03	0.23	0.45
		944	9.30	7.87	-0.06	7.82	-9.40e-03	0.64	0.58	-0.17	0.03	0.38	0.33
1996	2	2054	40.16	36.69	-0.42	36.51	-0.25	-2.55	0.85	-1.04	-0.17	-0.02	0.94
		2053	59.65	58.00	0.15	57.83	0.32	-3.14	0.84	-0.89	-0.04	-0.01	0.87
		945	25.67	14.31	-4.57	9.31	0.43	-8.33	1.28	-0.51	0.12	0.65	0.85
		944	31.87	23.21	-1.58	20.71	0.93	-7.47	1.25	-0.69	-0.08	0.64	0.90
1996	3	2054	5.11	3.70	-0.02	3.68	-6.04e-03	-0.25	0.18	-0.29	-0.10	-6.67e-03	0.23
		2053	6.91	5.40	6.36e-03	5.38	0.03	-0.33	0.21	-0.33	-0.12	-3.83e-03	0.27
		945	5.19	3.36	0.01	3.33	0.05	-0.34	0.44	-0.12	0.05	0.27	0.25
		944	6.48	4.98	0.05	4.96	0.07	-0.30	0.44	-0.06	0.04	0.33	0.20
1996	4	2054	15.77	14.18	-0.15	14.11	-0.09	-0.97	0.35	-0.45	-0.09	-8.42e-03	0.39
		2053	23.14	22.16	0.06	22.09	0.12	-1.20	0.35	-0.41	-0.05	-5.69e-03	0.38
		945	10.51	5.88	-1.43	4.29	0.17	-3.02	0.64	-0.17	0.08	0.40	0.37
		944	13.12	9.57	-0.45	8.78	0.35	-2.71	0.63	-0.21	0.01	0.41	0.37
1997	1	2055	4.00	1.27	9.15e-03	1.27	0.02	-0.11	0.22	-0.40	-0.18	-2.28e-03	0.30
		2054	4.68	1.31	-0.01	1.29	8.04e-03	-0.16	0.27	-0.47	-0.20	-5.93e-03	0.36
		944	9.30	7.89	-0.04	7.84	0.01	0.65	0.59	-0.19	0.03	0.37	0.35
		943	10.80	9.38	-0.04	9.34	-2.52e-03	0.60	0.55	-0.12	0.02	0.41	0.27
1997	2	2055	24.47	18.51	-0.28	18.27	-0.04	-2.11	0.76	-1.13	-0.37	2.37e-03	0.93
		2054	39.96	36.44	-0.25	36.24	-0.06	-2.64	0.81	-1.02	-0.20	-0.01	0.91
		944	31.87	23.28	-1.55	20.92	0.81	-7.28	1.30	-0.69	-0.02	0.63	0.94
		943	38.63	31.63	-0.45	30.39	0.79	-6.18	1.11	-0.88	-0.23	0.46	0.93
1997	3	2055	3.73	2.28	-0.01	2.26	6.72e-03	-0.21	0.14	-0.25	-0.11	-7.51e-04	0.19
		2054	5.04	3.68	-0.02	3.65	1.76e-03	-0.27	0.17	-0.27	-0.10	-3.52e-03	0.21
		944	6.50	5.00	0.05	4.98	0.07	-0.29	0.45	-0.07	0.05	0.33	0.22
		943	7.69	6.35	0.05	6.34	0.06	-0.23	0.42	-0.05	0.03	0.33	0.18
1997	4	2055	9.86	7.38	-0.10	7.30	-0.01	-0.80	0.31	-0.47	-0.17	6.26e-04	0.38
		2054	15.68	14.08	-0.09	14.01	-0.02	-1.01	0.33	-0.43	-0.10	-5.00e-03	0.38
		944	13.14	9.61	-0.44	8.86	0.30	-2.64	0.65	-0.21	0.03	0.41	0.39
		943	15.88	12.97	-0.10	12.58	0.29	-2.24	0.58	-0.27	-0.05	0.35	0.37
1998	1	2056	3.52	1.32	0.01	1.32	0.02	-0.08	0.16	-0.34	-0.18	-3.55e-04	0.24
		2055	3.89	1.27	-5.84e-04	1.25	0.01	-0.13	0.20	-0.39	-0.18	-2.59e-03	0.28
		943	10.80	9.39	-0.03	9.35	4.82e-03	0.60	0.56	-0.13	0.03	0.41	0.29
		942	12.04	10.62	-0.03	10.59	-6.00e-03	0.54	0.51	-0.08	0.01	0.42	0.22
1998	2	2056	13.68	4.16	-0.68	3.51	-0.03	-1.65	0.62	-1.19	-0.57	5.44e-03	0.86
		2055	24.35	18.31	-0.35	18.06	-0.09	-2.17	0.73	-1.13	-0.39	-2.39e-03	0.91
		943	38.62	31.77	-0.35	30.57	0.85	-6.09	1.15	-0.87	-0.20	0.47	0.95
		942	44.34	38.76	0.15	38.12	0.79	-4.91	0.89	-0.96	-0.36	0.28	0.87
1998	3	2056	2.69	1.16	-0.01	1.14	7.31e-03	-0.16	0.11	-0.23	-0.12	2.75e-04	0.16
		2055	3.67	2.26	-0.02	2.24	6.63e-04	-0.22	0.13	-0.24	-0.11	-1.30e-03	0.18
		943	7.70	6.37	0.06	6.36	0.07	-0.22	0.42	-0.06	0.03	0.33	0.19
		942	8.66	7.45	0.05	7.45	0.06	-0.17	0.38	-0.05	0.01	0.32	0.15
1998	4	2056	5.67	1.99	-0.20	1.79	-7.16e-03	-0.62	0.24	-0.48	-0.24	1.99e-03	0.34
		2055	9.79	7.31	-0.12	7.22	-0.03	-0.83	0.29	-0.46	-0.17	-1.24e-03	0.37
		943	15.90	13.03	-0.07	12.65	0.32	-2.20	0.59	-0.27	-0.03	0.35	0.39
		942	18.19	15.81	0.09	15.60	0.29	-1.78	0.48	-0.30	-0.10	0.28	0.34
1999	1	2057	3.23	1.45	0.02	1.45	0.02	-0.05	0.11	-0.30	-0.19	7.79e-05	0.18
		2056	3.42	1.32	6.98e-03	1.31	0.01	-0.10	0.14	-0.33	-0.18	-8.89e-04	0.22
		942	12.04	10.63	-0.03	10.60	-2.57e-03	0.54	0.52	-0.09	0.02	0.42	0.23
		941	13.02	11.61	-0.03	11.59	-0.01	0.46	0.48	-0.05	7.44e-03	0.42	0.16
1999	2	2057	13.26	0.14	-7.92	-7.74	-0.04	-1.19	0.43	-1.16	-0.74	5.77e-03	0.71
		2056	13.54	4.05	-0.78	3.35	-0.08	-1.70	0.59	-1.18	-0.59	1.97e-03	0.84
		942	44.38	38.88	0.22	38.26	0.84	-4.85	0.91	-0.96	-0.34	0.29	0.88
		941	48.64	44.18	0.48	43.87	0.79	-3.66	0.61	-0.94	-0.46	0.13	0.71
1999	3	2057	1.87	0.36	-0.03	0.32	6.92e-03	-0.11	0.07	-0.21	-0.14	4.88e-04	0.12
		2056	2.62	1.15	-0.02	1.13	2.06e-03	-0.17	0.10	-0.22	-0.13	-2.17e-04	0.15
		942	8.68	7.46	0.06	7.46	0.06	-0.16	0.39	-0.05	0.02	0.33	0.16
		941	9.40	8.27	0.05	8.27	0.05	-0.11	0.35	-0.03	3.33e-03	0.31	0.11
1999	4	2057	4.72	0.07	-2.48	-2.40	-9.37e-03	-0.45	0.17	-0.47	-0.30	2.17e-03	0.28
		2056	5.57	1.94	-0.24	1.73	-0.03	-0.65	0.23	-0.47	-0.25	6.31e-04	0.33
		942	18.21	15.85	0.11	15.66	0.31	-1.76	0.50	-0.30	-0.09	0.29	0.35
		941	19.90	17.94	0.19	17.84	0.29	-1.33	0.38	-0.29	-0.14	0.23	0.28
2000	1	2058	3.10	1.63	0.02	1.63	0.02	-0.03	0.06	-0.26	-0.20	1.90e-04	0.12
		2057	3.15	1.45	0.01	1.45	0.02	-0.07	0.09	-0.28	-0.19	-2.07e-04	0.16
		941	13.03	11.61	-0.03	11.59	-0.01	0.46	0.48	-0.06	8.89e-03	0.42	0.18
		940	13.75	12.33	-0.03	12.32	-0.02	0.38	0.44	-0.03	1.67e-03	0.42	0.11
2000	2	2058	20.98	-9.36e-03	-15.56	-15.52	-0.04	-0.73	0.23	-1.08	-0.85	5.60e-03	0.49
		2057	13.27	0.12	-8.04	-7.85	-0.07	-1.23	0.41	-1.15	-0.74	3.80e-03	0.69



		941	48.68	44.27	0.52	43.97	0.82	-3.61	0.62	-0.94	-0.45	0.13	0.73
		940	51.37	47.76	0.65	47.63	0.77	-2.45	0.31	-0.83	-0.53	0.02	0.50
2000	3	2058	1.35	0.02	-0.23	-0.22	6.64e-03	-0.06	0.04	-0.19	-0.15	5.27e-04	0.08
		2057	1.78	0.36	-0.04	0.31	3.50e-03	-0.12	0.06	-0.20	-0.14	2.21e-04	0.11
		941	9.42	8.28	0.06	8.28	0.06	-0.11	0.36	-0.04	4.64e-03	0.31	0.12
		940	9.90	8.82	0.05	8.82	0.05	-0.06	0.32	-0.02	-4.10e-03	0.30	0.07
2000	4	2058	7.52	2.31e-03	-5.31	-5.30	-0.01	-0.27	0.09	-0.43	-0.34	2.13e-03	0.19
		2057	4.69	0.06	-2.53	-2.44	-0.02	-0.47	0.16	-0.46	-0.30	1.41e-03	0.27
		941	19.93	17.97	0.20	17.87	0.30	-1.32	0.39	-0.29	-0.13	0.23	0.29
		940	20.99	19.33	0.24	19.29	0.28	-0.90	0.27	-0.24	-0.16	0.19	0.19
2001	1	2059	3.11	1.84	0.02	1.84	0.02	-3.67e-03	0.02	-0.22	-0.20	1.94e-04	0.07
		2058	3.04	1.63	0.02	1.63	0.02	-0.04	0.05	-0.24	-0.20	4.69e-05	0.11
		940	13.75	12.34	-0.03	12.32	-0.02	0.38	0.45	-0.03	2.42e-03	0.42	0.12
		939	14.23	12.81	-0.03	12.80	-0.03	0.28	0.42	-8.43e-03	-1.84e-03	0.41	0.05
2001	2	2059	25.44	-0.04	-19.91	-19.91	-0.05	-0.28	0.06	-0.97	-0.91	5.28e-03	0.24
		2058	21.00	-0.03	-15.62	-15.58	-0.06	-0.77	0.22	-1.06	-0.85	4.53e-03	0.48
		940	51.40	47.81	0.67	47.69	0.79	-2.41	0.32	-0.83	-0.53	0.02	0.51
		939	52.54	49.46	0.72	49.42	0.75	-1.29	0.04	-0.66	-0.57	-0.05	0.23
2001	3	2059	1.48	7.10e-03	-0.49	-0.49	6.47e-03	-0.02	9.49e-03	-0.17	-0.16	5.08e-04	0.04
		2058	1.28	0.03	-0.24	-0.22	4.82e-03	-0.08	0.03	-0.18	-0.15	3.90e-04	0.07
		940	9.91	8.83	0.05	8.83	0.05	-0.06	0.32	-0.02	-3.43e-03	0.30	0.08
		939	10.14	9.10	0.05	9.10	0.05	-0.03	0.30	-0.01	-7.67e-03	0.30	0.03
2001	4	2059	9.16	-0.01	-6.94	-6.93	-0.01	-0.10	0.02	-0.39	-0.37	2.01e-03	0.09
		2058	7.52	-3.33e-03	-5.34	-5.32	-0.02	-0.29	0.08	-0.42	-0.35	1.72e-03	0.18
		940	21.01	19.35	0.25	19.31	0.29	-0.89	0.28	-0.25	-0.16	0.19	0.20
		939	21.44	19.97	0.26	19.96	0.28	-0.49	0.18	-0.19	-0.18	0.16	0.08
2002	1	2060	3.25	2.04	0.02	2.04	0.02	0.02	4.71e-04	-0.20	-0.20	1.45e-04	8.14e-03
		2059	3.09	1.84	0.02	1.84	0.02	-0.02	0.01	-0.21	-0.20	1.21e-04	0.05
		939	14.23	12.81	-0.03	12.80	-0.03	0.27	0.42	-0.01	-1.43e-03	0.41	0.06
		938	14.46	13.03	-0.04	13.03	-0.03	0.16	0.41	-3.00e-03	-2.93e-03	0.41	-5.25e-03
2002	2	2060	26.50	-0.05	-21.01	-21.01	-0.05	0.16	6.22e-03	-0.92	-0.92	4.85e-03	-0.04
		2059	25.44	-0.05	-19.93	-19.92	-0.05	-0.32	0.06	-0.96	-0.91	4.80e-03	0.22
		939	52.55	49.48	0.73	49.44	0.76	-1.25	0.05	-0.66	-0.57	-0.04	0.24
		938	52.17	49.30	0.73	49.30	0.73	-0.17	-0.06	-0.57	-0.57	-0.06	-0.05
2002	3	2060	1.47	7.46e-03	-0.52	-0.52	6.31e-03	0.02	7.82e-04	-0.16	-0.16	4.61e-04	-7.11e-03
		2059	1.45	8.00e-03	-0.49	-0.49	6.02e-03	-0.03	4.65e-03	-0.16	-0.16	4.49e-04	0.03
		939	10.15	9.11	0.05	9.11	0.05	-0.03	0.30	-0.01	-7.36e-03	0.30	0.04
		938	10.15	9.12	0.04	9.12	0.04	3.16e-03	0.30	-8.26e-03	-7.28e-03	0.30	-0.02
2002	4	2060	9.56	-0.01	-7.35	-7.35	-0.01	0.07	2.94e-03	-0.37	-0.37	1.86e-03	-0.02
		2059	9.16	-0.01	-6.94	-6.94	-0.02	-0.12	0.02	-0.38	-0.37	1.84e-03	0.08
		939	21.45	19.97	0.27	19.96	0.28	-0.48	0.19	-0.20	-0.17	0.16	0.09
		938	21.26	19.87	0.27	19.87	0.27	-0.10	0.16	-0.18	-0.17	0.16	-0.03
2003	1	2061	3.47	2.21	0.02	2.21	0.02	0.03	0.01	-0.22	-0.20	4.79e-05	-0.05
		2060	3.26	2.05	0.02	2.05	0.02	-3.64e-04	4.77e-04	-0.20	-0.20	1.10e-04	-8.64e-03
		938	14.46	13.03	-0.04	13.03	-0.03	0.16	0.41	-2.82e-03	-2.72e-03	0.41	6.39e-03
		937	14.45	13.02	-0.04	13.02	-0.04	0.03	0.42	-0.01	-1.79e-03	0.41	-0.06
2003	2	2061	24.30	-0.04	-18.98	-18.96	-0.05	0.57	0.10	-0.97	-0.88	4.33e-03	-0.31
		2060	26.48	-0.04	-20.98	-20.98	-0.04	0.12	8.08e-03	-0.92	-0.92	4.84e-03	-0.05
		938	52.16	49.28	0.72	49.28	0.72	-0.13	-0.06	-0.57	-0.57	-0.06	-0.04
		937	50.31	47.33	0.68	47.31	0.69	0.88	0.13	-0.70	-0.53	-0.03	-0.33
2003	3	2061	1.31	0.02	-0.33	-0.32	6.13e-03	0.06	0.02	-0.17	-0.15	3.90e-04	-0.05
		2060	1.47	7.36e-03	-0.52	-0.52	7.13e-03	0.01	2.89e-03	-0.16	-0.16	4.57e-04	-0.02
		938	10.14	9.12	0.04	9.12	0.04	3.41e-03	0.30	-7.48e-03	-7.23e-03	0.30	-8.80e-03
		937	9.92	8.87	0.04	8.87	0.04	0.03	0.31	-0.02	-3.02e-03	0.30	-0.06
2003	4	2061	8.75	-7.83e-03	-6.60	-6.59	-0.02	0.23	0.04	-0.39	-0.35	1.66e-03	-0.13
		2060	9.55	-0.01	-7.34	-7.34	-0.01	0.05	4.84e-03	-0.37	-0.37	1.86e-03	-0.03
		938	21.26	19.86	0.26	19.86	0.26	-0.08	0.16	-0.18	-0.17	0.16	-0.02
		937	20.48	19.04	0.25	19.03	0.26	0.28	0.22	-0.21	-0.16	0.17	-0.14
2004	1	2062	3.73	2.32	0.02	2.32	0.02	0.04	0.05	-0.25	-0.20	-1.23e-04	-0.11
		2061	3.50	2.22	0.02	2.22	0.02	0.02	0.02	-0.22	-0.20	4.38e-05	-0.07
		937	14.45	13.02	-0.04	13.02	-0.04	0.03	0.41	-8.43e-03	-1.73e-03	0.41	-0.05
		936	14.22	12.79	-0.05	12.79	-0.05	-0.11	0.44	-0.03	1.21e-03	0.40	-0.13
2004	2	2062	19.06	0.01	-13.98	-13.91	-0.06	0.97	0.29	-1.08	-0.79	3.67e-03	-0.56
		2061	24.26	-0.02	-18.91	-18.89	-0.04	0.54	0.11	-0.98	-0.87	4.76e-03	-0.33
		937	50.27	47.28	0.66	47.26	0.68	0.92	0.12	-0.69	-0.54	-0.03	-0.32
		936	47.04	43.62	0.58	43.53	0.66	1.88	0.42	-0.85	-0.47	0.04	-0.59
2004	3	2062	1.51	0.16	-0.06	0.09	5.90e-03	0.10	0.05	-0.19	-0.14	2.76e-04	-0.10
		2061	1.36	0.02	-0.32	-0.31	8.14e-03	0.05	0.02	-0.18	-0.15	4.38e-04	-0.07
		937	9.91	8.87	0.04	8.87	0.04	0.03	0.31	-0.01	-3.21e-03	0.30	-0.05
		936	9.45	8.38	0.03	8.38	0.03	0.04	0.34	-0.03	4.94e-03	0.31	-0.11
2004	4	2062	6.83	0.01	-4.75	-4.72	-0.02	0.38	0.12	-0.44	-0.32	1.40e-03	-0.23
		2061	8.75	-1.89e-03	-6.57	-6.57	-8.33e-03	0.21	0.05	-0.40	-0.35	1.84e-03	-0.14
		937	20.46	19.02	0.24	19.01	0.25	0.29	0.22	-0.21	-0.16	0.17	-0.13
		936	19.12	17.51	0.22	17.49	0.24	0.63	0.33	-0.26	-0.13	0.20	-0.24
2005	1	2063	4.01	2.32	0.02	2.32	0.02	0.05	0.10	-0.30	-0.20	-4.57e-04	-0.18
		2062	3.78	2.32	0.02	2.32	0.02	0.03	0.06	-0.26	-0.20	-8.68e-05	-0.13
		936	14.21	12.78	-0.05	12.78	-0.05	-0.11	0.43	-0.03	1.08e-03	0.40	-0.11



		935	13.78	12.35	-0.06	12.34	-0.06	-0.26	0.47	-0.07	5.49e-03	0.40	-0.19
2005	2	2063	11.42	0.23	-6.32	-6.03	-0.06	1.35	0.51	-1.16	-0.65	2.73e-03	-0.77
		2062	19.02	0.04	-13.87	-13.81	-0.03	0.93	0.31	-1.09	-0.78	4.60e-03	-0.58
		936	46.98	43.53	0.55	43.45	0.63	1.92	0.41	-0.84	-0.47	0.03	-0.57
		935	42.45	38.26	0.41	38.06	0.62	2.81	0.73	-0.95	-0.37	0.14	-0.80
2005	3	2063	2.21	0.71	-0.02	0.69	5.56e-03	0.14	0.09	-0.22	-0.13	6.86e-05	-0.14
		2062	1.60	0.15	-0.05	0.10	9.08e-03	0.09	0.06	-0.20	-0.14	3.92e-04	-0.11
		936	9.44	8.37	0.03	8.37	0.03	0.04	0.33	-0.03	4.41e-03	0.31	-0.10
		935	8.78	7.65	0.03	7.65	0.03	0.05	0.37	-0.04	0.02	0.31	-0.15
2005	4	2063	4.15	0.12	-1.93	-1.79	-0.02	0.52	0.21	-0.47	-0.26	1.01e-03	-0.31
		2062	6.84	0.02	-4.71	-4.68	-4.74e-03	0.36	0.13	-0.45	-0.31	1.78e-03	-0.24
		936	19.09	17.48	0.21	17.46	0.23	0.64	0.32	-0.26	-0.13	0.20	-0.24
		935	17.22	15.33	0.17	15.27	0.23	0.96	0.44	-0.30	-0.09	0.24	-0.33
2006	1	2064	4.31	2.21	0.02	2.20	0.02	0.05	0.16	-0.37	-0.20	-1.20e-03	-0.25
		2063	4.08	2.33	0.02	2.33	0.02	0.03	0.12	-0.32	-0.20	-3.45e-04	-0.19
		935	13.77	12.34	-0.06	12.34	-0.06	-0.26	0.47	-0.06	5.01e-03	0.40	-0.18
		934	13.14	11.72	-0.08	11.71	-0.06	-0.42	0.51	-0.12	0.01	0.39	-0.25
2006	2	2064	14.52	5.05	-0.62	4.49	-0.06	1.69	0.71	-1.19	-0.48	1.15e-03	-0.92
		2063	11.43	0.26	-6.17	-5.89	-0.02	1.31	0.53	-1.17	-0.65	4.36e-03	-0.79
		935	42.38	38.15	0.37	37.94	0.58	2.85	0.71	-0.94	-0.37	0.14	-0.79
		934	36.74	31.41	0.15	30.97	0.58	3.66	1.01	-0.96	-0.24	0.28	-0.95
2006	3	2064	3.01	1.48	-0.01	1.46	5.01e-03	0.17	0.13	-0.24	-0.11	-3.73e-04	-0.17
		2063	2.30	0.72	-0.01	0.70	1.00e-02	0.12	0.10	-0.23	-0.13	2.93e-04	-0.15
		935	8.76	7.64	0.03	7.64	0.03	0.05	0.37	-0.04	0.02	0.31	-0.14
		934	7.89	6.69	0.03	6.69	0.03	0.05	0.41	-0.06	0.03	0.32	-0.18
2006	4	2064	6.03	2.32	-0.20	2.14	-0.02	0.66	0.29	-0.48	-0.20	3.25e-04	-0.37
		2063	4.25	0.13	-1.87	-1.74	-1.02e-03	0.50	0.22	-0.48	-0.26	1.69e-03	-0.33
		935	17.18	15.28	0.15	15.22	0.22	0.97	0.43	-0.29	-0.10	0.24	-0.32
		934	14.86	12.53	0.09	12.40	0.22	1.26	0.55	-0.30	-0.04	0.29	-0.39
2007	1	2065	4.73	1.93	0.02	1.93	0.02	0.05	0.24	-0.45	-0.21	-2.95e-03	-0.33
		2064	4.40	2.21	0.02	2.21	0.02	0.04	0.18	-0.38	-0.20	-9.86e-04	-0.26
		934	13.13	11.71	-0.08	11.70	-0.06	-0.42	0.51	-0.11	8.87e-03	0.39	-0.24
		933	12.33	10.93	-0.10	10.90	-0.06	-0.59	0.56	-0.19	0.01	0.36	-0.33
2007	2	2065	23.72	17.69	-0.29	17.46	-0.06	2.02	0.87	-1.16	-0.29	-1.94e-03	-1.00
		2064	14.68	5.19	-0.53	4.66	-5.10e-03	1.65	0.73	-1.20	-0.47	3.94e-03	-0.94
		934	36.67	31.27	0.08	30.83	0.53	3.71	0.99	-0.96	-0.25	0.28	-0.94
		933	30.26	23.27	-0.32	22.40	0.54	4.44	1.24	-0.89	-0.08	0.43	-1.04
2007	3	2065	3.91	2.41	-0.01	2.39	3.89e-03	0.20	0.17	-0.27	-0.10	-1.39e-03	-0.21
		2064	3.08	1.49	-5.59e-03	1.48	0.01	0.16	0.14	-0.25	-0.11	3.60e-05	-0.19
		934	7.87	6.67	0.02	6.67	0.02	0.05	0.40	-0.05	0.03	0.32	-0.18
		933	6.83	5.51	0.03	5.51	0.03	0.05	0.44	-0.07	0.05	0.33	-0.22
2007	4	2065	9.56	7.08	-0.11	6.99	-0.02	0.78	0.35	-0.48	-0.12	-1.09e-03	-0.41
		2064	6.13	2.37	-0.17	2.20	2.73e-03	0.64	0.30	-0.49	-0.19	1.50e-03	-0.39
		934	14.82	12.47	0.06	12.34	0.20	1.28	0.54	-0.30	-0.05	0.29	-0.38
		933	12.17	9.18	-0.06	8.92	0.21	1.54	0.64	-0.27	0.02	0.35	-0.43
2008	1	2066	5.48	1.48	3.25e-03	1.48	4.73e-03	0.05	0.33	-0.58	-0.25	-6.25e-03	-0.44
		2065	4.82	1.94	0.03	1.94	0.03	0.04	0.25	-0.47	-0.21	-3.36e-03	-0.34
		933	12.32	10.92	-0.11	10.89	-0.08	-0.59	0.55	-0.17	0.01	0.36	-0.32
		932	11.36	10.00	-0.11	9.94	-0.06	-0.76	0.60	-0.30	6.18e-03	0.30	-0.42
2008	2	2066	36.27	32.82	-0.21	32.66	-0.04	2.32	0.97	-1.07	-0.09	-8.00e-03	-1.02
		2065	23.85	17.88	-0.22	17.67	-6.10e-03	1.97	0.90	-1.16	-0.27	2.32e-03	-1.02
		933	30.24	23.13	-0.43	22.23	0.47	4.52	1.21	-0.89	-0.11	0.43	-1.02
		932	23.99	14.37	-1.41	12.47	0.49	5.13	1.41	-0.73	0.09	0.58	-1.04
2008	3	2066	5.02	3.49	-0.01	3.47	4.98e-04	0.23	0.21	-0.30	-0.09	-3.49e-03	-0.25
		2065	3.98	2.43	-9.60e-04	2.41	0.01	0.19	0.18	-0.28	-0.10	-9.54e-04	-0.22
		933	6.81	5.49	0.02	5.49	0.02	0.06	0.44	-0.07	0.04	0.33	-0.21
		932	5.64	4.13	0.03	4.13	0.03	0.05	0.47	-0.09	0.06	0.31	-0.25
2008	4	2066	14.29	12.77	-0.08	12.71	-0.01	0.90	0.40	-0.45	-0.05	-4.01e-03	-0.42
		2065	9.63	7.15	-0.08	7.07	2.56e-03	0.76	0.37	-0.48	-0.11	7.28e-04	-0.42
		933	12.14	9.13	-0.10	8.85	0.18	1.57	0.62	-0.27	6.63e-03	0.35	-0.41
		932	9.57	5.48	-0.42	4.88	0.19	1.80	0.71	-0.22	0.09	0.40	-0.43
2009	1	2067	6.92	0.82	-0.10	0.82	-0.10	0.03	0.46	-0.79	-0.32	-3.71e-03	-0.61
		2066	5.62	1.49	0.09	1.49	0.09	0.04	0.34	-0.60	-0.25	-0.02	-0.46
		932	11.36	9.99	-0.20	9.93	-0.14	-0.77	0.59	-0.27	0.01	0.31	-0.40
		931	11.13	8.97	-0.06	8.88	0.04	-0.92	0.61	-0.52	-0.04	0.12	-0.56
2009	2	2067	51.50	50.01	0.05	49.87	0.18	2.61	1.03	-0.97	0.07	-0.01	-1.00
		2066	36.41	33.05	-0.27	32.90	-0.12	2.24	1.01	-1.08	-0.06	-7.67e-03	-1.04
		932	24.00	14.29	-1.51	12.27	0.51	5.28	1.36	-0.74	0.04	0.58	-1.01
		931	20.44	6.47	-4.93	1.28	0.26	5.68	1.46	-0.56	0.27	0.64	-0.99
2009	3	2067	6.48	4.69	-0.03	4.68	-0.01	0.26	0.26	-0.37	-0.11	-4.38e-03	-0.31
		2066	5.08	3.51	0.01	3.50	0.02	0.21	0.22	-0.32	-0.09	-6.23e-03	-0.27
		932	5.63	4.11	-2.75e-04	4.10	6.00e-04	0.06	0.46	-0.08	0.06	0.32	-0.24
		931	4.48	2.56	0.04	2.56	0.04	0.04	0.47	-0.15	0.06	0.25	-0.30
2009	4	2067	20.10	19.26	0.01	19.21	0.07	1.02	0.43	-0.43	6.72e-03	-7.30e-03	-0.43
		2066	14.36	12.86	-0.10	12.80	-0.04	0.87	0.42	-0.46	-0.03	-3.80e-03	-0.44
		932	9.54	5.45	-0.46	4.80	0.19	1.85	0.68	-0.22	0.06	0.40	-0.42
		931	8.14	2.21	-1.79	0.31	0.11	2.00	0.72	-0.16	0.15	0.41	-0.42



2010	1	2068	9.38	-0.16	-1.02	-0.21	-0.96	-0.22	0.72	-1.02	-0.35	0.04	-0.85
		2067	7.88	0.89	0.53	0.87	0.55	0.08	0.48	-0.95	-0.40	-0.07	-0.69
		931	11.28	8.89	-0.67	8.78	-0.56	-1.01	0.63	-0.40	0.05	0.18	-0.51
		930	12.14	8.08	0.52	7.97	0.62	-0.88	0.49	-1.10	-0.26	-0.35	-0.79
2010	2	2068	69.84	69.21	1.59	69.08	1.72	2.94	1.10	-0.84	0.25	0.01	-0.96
		2067	52.38	50.26	-1.11	50.13	-0.98	2.57	1.09	-1.07	0.08	-0.05	-1.08
		931	20.05	7.34	-4.58	1.13	1.63	5.95	1.38	-0.52	0.21	0.65	-0.93
		930	23.19	0.94	-14.34	-11.50	-1.90	5.94	1.29	-0.57	0.31	0.40	-0.93
2010	3	2068	8.22	5.97	-0.17	5.96	-0.17	0.21	0.36	-0.47	-0.12	0.01	-0.41
		2067	6.77	4.73	0.08	4.72	0.10	0.27	0.28	-0.44	-0.13	-0.03	-0.35
		931	4.29	2.51	-0.04	2.51	-0.04	0.04	0.46	-0.11	0.08	0.27	-0.27
		930	4.20	0.87	0.04	0.86	0.05	0.08	0.40	-0.36	-0.01	0.04	-0.38
2010	4	2068	26.69	26.54	0.58	26.49	0.63	1.14	0.47	-0.42	0.05	3.03e-03	-0.44
		2067	20.45	19.36	-0.41	19.31	-0.36	1.00	0.46	-0.47	9.57e-03	-0.02	-0.47
		931	7.88	2.54	-1.68	0.25	0.61	2.10	0.69	-0.14	0.13	0.41	-0.39
		930	9.49	0.17	-5.78	-4.91	-0.70	2.10	0.63	-0.21	0.16	0.27	-0.42
2011	1	2069	22.47	-1.67	-10.22	-4.10	-7.79	-3.86	2.01	-0.89	1.48	-0.36	-1.12
		2068	18.25	5.35	0.24	1.22	4.37	2.01	0.92	-1.93	-1.09	0.09	-1.30
		930	15.41	6.91	-1.72	6.12	-0.93	-2.48	0.67	-0.96	0.16	-0.46	-0.75
		929	14.72	9.61	0.17	9.54	0.24	0.83	-0.40	-1.66	-0.83	-1.23	-0.60
2011	2	2069	111.09	108.68	14.97	104.27	19.39	19.85	2.24	-0.52	1.95	-0.23	-0.85
		2068	71.96	65.09	-9.68	64.84	-9.44	-4.31	1.26	-1.47	-0.25	0.04	-1.36
		930	31.35	12.01	-14.18	-5.65	3.47	12.28	1.20	-0.49	0.42	0.29	-0.84
		929	44.46	1.75	-42.89	-41.93	0.78	-6.49	0.36	-0.71	0.06	-0.41	-0.48
2011	3	2069	13.59	7.81	-0.86	7.78	-0.82	0.57	0.93	-0.42	0.67	-0.17	-0.53
		2068	10.77	6.07	0.59	6.05	0.60	0.28	0.47	-0.83	-0.41	0.04	-0.61
		930	3.91	0.81	-0.02	0.78	7.16e-03	0.14	0.42	-0.30	0.13	-0.01	-0.35
		929	4.70	0.30	-1.84	-1.71	0.17	-0.52	-0.03	-0.60	-0.24	-0.39	-0.28
2011	4	2069	42.76	41.57	5.55	39.88	7.23	7.60	0.99	-0.31	0.81	-0.13	-0.45
		2068	28.12	24.99	-3.58	24.91	-3.49	-1.60	0.57	-0.70	-0.16	0.03	-0.63
		930	12.40	4.24	-5.64	-2.70	1.31	4.51	0.59	-0.17	0.21	0.21	-0.38
		929	18.01	0.74	-17.36	-16.96	0.33	-2.69	0.19	-0.32	0.02	-0.15	-0.24
2012	1	2191	10.82	-0.01	-9.36	-0.01	-9.35	0.13	0.29	-0.03	0.02	0.25	0.11
		303	9.31	0.15	-8.35	0.10	-8.30	-0.65	0.63	0.15	0.57	0.21	0.16
		277	8.82	0.29	-6.51	0.15	-6.37	-0.96	0.84	0.27	0.81	0.30	-0.12
		2226	11.20	-0.02	-8.88	-0.02	-8.88	0.07	0.42	-0.06	-7.46e-03	0.36	-0.15
2012	2	2191	41.46	-0.33	-40.62	-0.36	-40.59	-1.08	1.14	-0.55	0.35	0.24	-0.84
		303	31.88	8.30	-25.99	1.15	-18.83	-13.94	0.02	-0.14	-0.02	-0.09	-0.07
		277	43.69	10.74	-22.74	0.50	-12.50	-15.43	3.24	0.43	2.62	1.05	-1.16
		2226	19.68	0.66	-11.63	0.37	-11.34	-1.87	1.27	-1.01	-0.60	0.86	-0.87
2012	3	2191	7.69	-0.03	-7.18	-0.03	-7.18	-0.04	0.12	0.02	0.03	0.10	-0.04
		303	6.21	0.50	-5.66	0.13	-5.29	-1.47	0.28	0.09	0.28	0.10	0.04
		277	6.93	0.71	-4.57	0.09	-3.95	-1.70	0.62	0.17	0.57	0.22	-0.14
		2226	5.94	0.03	-4.49	0.02	-4.48	-0.12	0.25	-0.11	-0.05	0.20	-0.13
2012	4	2191	16.79	-0.13	-16.44	-0.14	-16.43	-0.40	0.43	-0.20	0.13	0.10	-0.32
		303	13.22	3.00	-10.97	0.44	-8.40	-5.41	0.12	-4.46e-03	0.10	6.95e-03	-0.04
		277	17.42	3.90	-9.48	0.19	-5.77	-5.99	1.33	0.21	1.11	0.44	-0.45
		2226	8.45	0.23	-5.30	0.14	-5.21	-0.70	0.51	-0.39	-0.22	0.34	-0.35
2013	1	2227	18.81	-0.34	-7.73	-0.34	-7.72	0.12	1.66	-0.81	-0.33	1.18	-0.97
		304	14.72	0.78	-4.60	0.20	-4.03	-1.66	1.89	0.06	1.65	0.30	-0.62
		180	16.47	2.22	-3.43	0.68	-1.89	-2.51	2.36	0.52	2.06	0.82	-0.68
		2051	17.80	0.42	-4.53	0.42	-4.52	-0.19	1.25	-1.56	0.62	-0.93	-1.17
2013	2	2227	56.00	14.81	-33.58	-28.93	10.16	14.26	3.53	-2.38	-0.91	2.06	-2.56
		304	72.45	38.97	-22.20	4.42	12.36	-30.33	3.93	-0.23	3.14	0.56	-1.63
		180	69.22	22.94	-30.18	22.57	-29.81	-4.42	5.72	0.12	4.24	1.61	-2.48
		2051	126.63	113.92	29.47	53.79	89.61	-38.24	3.92	-2.98	1.52	-0.58	-3.29
2013	3	2227	9.64	-1.12	-3.54	-2.47	-2.19	1.20	0.92	-0.48	-0.19	0.62	-0.57
		304	10.96	2.96	-3.48	0.41	-0.94	-3.15	1.08	0.04	0.94	0.18	-0.36
		180	11.75	2.41	-3.68	2.08	-3.36	-1.37	1.40	0.28	1.21	0.46	-0.42
		2051	13.66	8.16	1.81	4.52	5.46	-3.14	0.71	-0.85	0.33	-0.47	-0.67
2013	4	2227	21.65	4.94	-12.77	-10.94	3.11	5.39	1.47	-0.95	-0.36	0.88	-1.04
		304	28.35	14.49	-8.91	1.66	3.92	-11.64	1.69	-0.04	1.38	0.26	-0.66
		180	27.65	8.75	-11.81	8.57	-11.63	-1.93	2.39	0.17	1.85	0.70	-0.95
		2051	47.74	42.66	11.02	20.33	33.35	-14.41	1.50	-1.27	0.60	-0.36	-1.30
2014	1	2114	38.49	30.94	-6.38	30.70	-6.14	3.00	1.05	-0.36	0.71	-0.02	-0.60
		2115	50.77	49.96	9.41	47.39	11.98	-9.88	0.23	-1.16	-1.05	0.12	-0.38
		1415	17.82	1.23	-13.74	-12.73	0.21	3.76	1.41	0.74	0.83	1.31	-0.23
		1414	15.00	7.90	-3.01	2.95	1.95	-5.43	1.19	-0.04	0.07	1.08	-0.35
2014	2	2114	35.66	35.04	0.68	35.04	0.68	-0.29	0.76	-0.63	0.08	0.05	0.70
		2115	53.14	52.04	-0.49	51.34	0.20	-6.01	0.86	-0.78	0.23	-0.15	0.80
		1415	23.47	1.06	-20.87	-20.78	0.97	1.41	0.80	-0.33	0.38	0.09	0.55
		1414	14.63	2.99	-7.89	-5.73	0.83	-4.34	0.84	-0.28	0.18	0.38	0.55
2014	3	2114	14.05	12.23	-1.73	12.18	-1.68	0.83	0.16	8.26e-03	0.16	0.01	-0.02
		2115	19.71	19.40	2.69	18.63	3.46	-3.51	2.63e-03	-0.25	-0.23	-0.02	0.07
		1415	7.73	0.46	-6.88	-6.60	0.18	1.40	0.42	0.28	0.29	0.41	0.03
		1414	4.65	2.15	-1.74	-0.23	0.64	-1.90	0.45	0.08	0.08	0.45	-5.10e-03
2014	4	2114	14.18	13.47	0.34	13.47	0.34	-0.15	0.37	-0.37	-0.03	0.03	0.37



		2115	21.02	20.08	-0.31	19.80	-0.03	-2.36	0.46	-0.41	0.15	-0.10	0.42
		1415	10.06	0.46	-9.04	-8.99	0.40	0.71	0.37	-0.17	0.15	0.05	0.26
		1414	6.27	0.97	-3.46	-2.80	0.31	-1.57	0.45	-0.09	0.12	0.24	0.26
2015	1	2116	28.70	26.87	-0.71	26.85	-0.69	-0.74	0.42	-0.15	0.23	0.05	-0.27
		2114	33.92	33.26	1.19	33.22	1.23	-1.11	0.38	-0.32	0.12	-0.05	-0.34
		1414	8.53	1.34	-2.87	-0.45	-1.07	-2.08	1.21	0.29	0.46	1.05	-0.35
		1413	7.66	4.69	-0.32	3.41	0.96	-2.18	0.83	0.10	0.15	0.78	-0.19
2015	2	2116	26.86	25.78	0.08	25.69	0.18	-1.56	0.64	-0.59	0.05	-5.78e-03	0.62
		2114	36.46	35.54	-0.43	35.49	-0.38	-1.29	0.65	-0.64	0.04	-0.03	0.64
		1414	13.49	1.06	-7.65	-6.45	-0.14	-3.00	0.98	-0.20	0.32	0.46	0.59
		1413	10.78	3.19	-2.05	0.93	0.20	-2.59	0.95	-0.24	0.16	0.54	0.56
2015	3	2116	10.55	10.19	-0.19	10.18	-0.17	-0.38	0.06	-4.95e-04	0.05	9.67e-03	0.02
		2114	12.88	12.97	0.29	12.96	0.31	-0.47	0.02	-0.04	3.45e-04	-0.02	0.02
		1414	3.18	0.12	-1.72	-1.29	-0.31	-0.77	0.47	0.20	0.20	0.47	6.18e-03
		1413	2.91	1.36	-0.26	0.80	0.30	-0.77	0.44	0.11	0.11	0.44	0.03
2015	4	2116	10.57	9.87	0.04	9.83	0.08	-0.62	0.28	-0.29	6.20e-04	-6.32e-03	0.29
		2114	14.43	13.65	-0.19	13.63	-0.17	-0.52	0.30	-0.33	-0.02	-0.01	0.32
		1414	5.92	0.29	-3.39	-3.07	-0.04	-1.05	0.52	-0.06	0.16	0.29	0.28
		1413	4.55	0.96	-0.82	0.06	0.07	-0.89	0.52	-0.04	0.11	0.37	0.25
2016	1	2117	22.07	21.47	-0.11	21.45	-0.09	-0.64	0.17	-0.07	0.08	0.01	-0.11
		2116	27.89	26.83	0.12	26.80	0.14	-0.81	0.31	-0.18	0.14	-8.28e-03	-0.23
		1413	7.45	4.35	-0.90	3.39	0.07	-2.04	0.88	0.20	0.26	0.82	-0.20
		1412	8.36	6.88	-0.24	6.37	0.26	-1.82	0.71	0.13	0.15	0.69	-0.10
2016	2	2117	18.75	16.50	-0.06	16.40	0.04	-1.28	0.57	-0.63	-0.06	-6.35e-04	0.60
		2116	26.83	25.56	-0.13	25.48	-0.05	-1.48	0.60	-0.59	0.02	-0.01	0.60
		1413	11.03	3.32	-1.92	1.15	0.25	-2.58	1.00	-0.23	0.22	0.55	0.59
		1412	13.85	8.72	-0.54	8.03	0.15	-2.44	0.91	-0.32	0.08	0.51	0.58
2016	3	2117	7.80	7.76	-0.03	7.75	-0.02	-0.32	0.06	-0.05	8.53e-03	2.50e-03	0.05
		2116	10.29	10.16	0.02	10.14	0.04	-0.40	0.04	-0.02	0.02	-5.58e-03	0.02
		1413	3.07	1.25	-0.38	0.82	0.05	-0.72	0.46	0.14	0.15	0.45	0.03
		1412	4.14	2.72	-0.07	2.56	0.09	-0.65	0.43	0.10	0.10	0.42	0.04
2016	4	2117	7.39	6.29	-0.02	6.25	0.02	-0.51	0.25	-0.28	-0.03	-1.04e-03	0.26
		2116	10.54	9.78	-0.05	9.75	-0.02	-0.60	0.26	-0.28	-0.01	-6.64e-03	0.27
		1413	4.70	1.01	-0.76	0.15	0.11	-0.88	0.55	-0.04	0.14	0.37	0.27
		1412	5.74	3.27	-0.16	3.05	0.06	-0.84	0.51	-0.06	0.08	0.37	0.25
2017	1	2118	16.92	16.87	-0.03	16.86	-9.71e-03	-0.54	0.04	-0.04	2.36e-03	3.33e-03	-0.04
		2117	21.93	21.41	-0.02	21.39	-2.31e-03	-0.68	0.17	-0.10	0.07	1.29e-03	-0.13
		1412	8.39	6.89	-0.27	6.42	0.20	-1.77	0.71	0.16	0.18	0.70	-0.09
		1411	10.67	9.20	-0.05	8.95	0.20	-1.50	0.62	0.11	0.12	0.62	-0.05
2017	2	2118	12.17	8.33	-0.13	8.18	0.02	-1.12	0.49	-0.67	-0.18	1.51e-03	0.57
		2117	18.69	16.36	-0.14	16.25	-0.03	-1.33	0.54	-0.62	-0.08	-3.86e-03	0.58
		1412	13.84	8.81	-0.41	8.15	0.25	-2.37	0.94	-0.32	0.11	0.51	0.60
		1411	18.29	14.54	-0.09	14.23	0.22	-2.13	0.82	-0.39	-0.01	0.44	0.56
2017	3	2118	5.95	5.70	-9.10e-03	5.68	3.63e-03	-0.27	0.05	-0.08	-0.03	9.83e-04	0.06
		2117	7.78	7.73	-0.02	7.72	-9.04e-04	-0.34	0.04	-0.04	8.34e-04	-8.69e-04	0.04
		1412	4.15	2.74	-0.06	2.59	0.09	-0.63	0.44	0.10	0.11	0.43	0.05
		1411	5.37	4.15	7.48e-03	4.08	0.08	-0.54	0.41	0.07	0.08	0.40	0.06
2017	4	2118	4.89	3.17	-0.05	3.11	0.01	-0.44	0.21	-0.29	-0.08	4.44e-04	0.25
		2117	7.35	6.24	-0.06	6.20	-9.60e-03	-0.53	0.23	-0.27	-0.04	-2.40e-03	0.25
		1412	5.76	3.30	-0.10	3.10	0.10	-0.81	0.53	-0.06	0.09	0.37	0.26
		1411	7.57	5.73	-7.42e-03	5.64	0.09	-0.72	0.48	-0.08	0.05	0.35	0.23
2018	1	2119	13.42	13.11	-0.02	13.09	-3.16e-03	-0.43	2.44e-03	-0.05	-0.05	1.87e-03	-5.48e-03
		2118	16.87	16.82	-0.04	16.80	-0.02	-0.57	0.06	-0.06	-1.66e-03	1.62e-03	-0.06
		1411	10.69	9.24	-0.03	9.00	0.21	-1.48	0.63	0.12	0.13	0.62	-0.03
		1410	12.65	11.22	0.07	11.09	0.20	-1.18	0.57	0.09	0.09	0.57	-0.01
2018	2	2119	7.52	1.69	-0.50	1.18	0.01	-0.93	0.39	-0.68	-0.30	2.11e-03	0.51
		2118	12.04	8.22	-0.19	8.06	-0.03	-1.15	0.46	-0.66	-0.19	-5.96e-04	0.55
		1411	18.33	14.63	-0.03	14.33	0.27	-2.09	0.84	-0.39	3.95e-03	0.44	0.57
		1410	22.64	19.64	0.11	19.48	0.27	-1.78	0.69	-0.41	-0.09	0.37	0.50
2018	3	2119	4.42	4.00	-7.27e-03	3.98	4.46e-03	-0.22	0.04	-0.10	-0.05	7.45e-04	0.07
		2118	5.92	5.67	-0.02	5.66	-3.93e-03	-0.29	0.04	-0.07	-0.03	1.00e-04	0.05
		1411	5.39	4.17	0.02	4.10	0.09	-0.53	0.42	0.08	0.09	0.40	0.07
		1410	6.48	5.37	0.05	5.34	0.08	-0.42	0.39	0.06	0.07	0.38	0.06
2018	4	2119	3.13	0.66	-0.19	0.45	8.77e-03	-0.36	0.16	-0.29	-0.13	8.17e-04	0.22
		2118	4.81	3.13	-0.07	3.07	-6.26e-03	-0.46	0.19	-0.28	-0.08	-5.56e-04	0.23
		1411	7.60	5.77	0.02	5.68	0.11	-0.71	0.49	-0.09	0.05	0.35	0.25
		1410	9.37	7.87	0.06	7.82	0.10	-0.60	0.43	-0.09	0.01	0.32	0.21
2019	1	2120	10.72	10.19	-0.02	10.18	-4.87e-03	-0.32	2.49e-03	-0.09	-0.09	1.41e-03	9.78e-03
		2119	13.39	13.07	-0.03	13.05	-0.02	-0.46	0.01	-0.06	-0.05	1.33e-03	-0.02
		1410	12.67	11.25	0.09	11.13	0.21	-1.17	0.57	0.09	0.09	0.57	-1.50e-03
		1409	14.24	12.85	0.15	12.79	0.20	-0.86	0.54	0.07	0.07	0.54	4.14e-06
2019	2	2120	7.48	0.11	-4.57	-4.46	4.01e-03	-0.71	0.27	-0.66	-0.39	2.38e-03	0.42
		2119	7.37	1.63	-0.58	1.08	-0.02	-0.96	0.36	-0.67	-0.30	8.54e-04	0.49
		1410	22.69	19.72	0.15	19.56	0.30	-1.74	0.70	-0.42	-0.09	0.37	0.51
		1409	26.28	23.76	0.22	23.67	0.31	-1.38	0.54	-0.40	-0.16	0.30	0.41
2019	3	2120	3.22	2.67	-6.45e-03	2.66	3.36e-03	-0.16	0.03	-0.10	-0.07	6.65e-04	0.06
		2119	4.39	3.98	-0.02	3.96	-3.08e-03	-0.23	0.03	-0.09	-0.05	3.72e-04	0.05



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

		1410	6.50	5.39	0.06	5.35	0.09	-0.42	0.40	0.06	0.07	0.38	0.07
		1409	7.38	6.34	0.07	6.33	0.08	-0.31	0.37	0.04	0.05	0.37	0.05
2019	4	2120	2.99	0.05	-1.72	-1.68	5.99e-03	-0.28	0.12	-0.28	-0.16	9.53e-04	0.18
		2119	3.03	0.64	-0.23	0.41	-4.66e-03	-0.38	0.15	-0.28	-0.13	2.32e-04	0.21
		1410	9.40	7.90	0.07	7.85	0.12	-0.59	0.43	-0.10	0.02	0.32	0.22
		1409	10.88	9.58	0.09	9.55	0.11	-0.47	0.37	-0.09	-0.02	0.30	0.17
2020	1	2121	8.80	8.13	-0.01	8.12	-7.01e-03	-0.21	2.30e-03	-0.11	-0.11	1.14e-03	0.01
		2120	10.69	10.16	-0.03	10.15	-0.02	-0.35	1.79e-03	-0.09	-0.09	1.14e-03	-7.61e-03
		1409	14.26	12.87	0.16	12.82	0.21	-0.85	0.54	0.07	0.07	0.54	0.01
		1408	15.42	14.05	0.19	14.03	0.21	-0.54	0.52	0.05	0.05	0.52	-3.04e-04
2020	2	2121	11.58	0.02	-8.61	-8.58	-1.99e-03	-0.48	0.15	-0.61	-0.46	2.53e-03	0.30
		2120	7.46	0.10	-4.65	-4.53	-0.02	-0.74	0.25	-0.64	-0.39	1.63e-03	0.40
		1409	26.34	23.82	0.25	23.74	0.33	-1.35	0.55	-0.41	-0.16	0.30	0.42
		1408	29.00	26.77	0.30	26.74	0.33	-0.95	0.39	-0.35	-0.21	0.25	0.29
2020	3	2121	2.32	1.72	-4.21e-03	1.72	2.29e-03	-0.11	0.02	-0.10	-0.09	6.03e-04	0.04
		2120	3.18	2.65	-0.01	2.64	-2.10e-03	-0.18	0.02	-0.09	-0.07	4.70e-04	0.04
		1409	7.40	6.36	0.07	6.34	0.09	-0.31	0.38	0.04	0.05	0.37	0.06
		1408	8.05	7.06	0.08	7.05	0.09	-0.20	0.36	0.04	0.04	0.36	0.03
2020	4	2121	4.49	0.01	-3.24	-3.23	3.78e-03	-0.18	0.06	-0.25	-0.19	1.02e-03	0.13
		2120	2.95	0.05	-1.76	-1.71	-3.55e-03	-0.29	0.10	-0.27	-0.16	6.15e-04	0.17
		1409	10.91	9.60	0.10	9.58	0.12	-0.46	0.38	-0.09	-0.01	0.30	0.18
		1408	12.01	10.83	0.11	10.82	0.12	-0.32	0.32	-0.08	-0.04	0.28	0.12
2021	1	2122	7.67	6.93	-0.01	6.93	-8.99e-03	-0.10	1.15e-03	-0.12	-0.12	9.50e-04	4.92e-03
		2121	8.78	8.11	-0.02	8.10	-0.01	-0.24	1.31e-03	-0.11	-0.11	1.00e-03	-5.85e-03
		1408	15.43	14.07	0.19	14.05	0.21	-0.53	0.52	0.05	0.05	0.52	0.01
		1407	16.17	14.82	0.21	14.82	0.21	-0.21	0.51	0.04	0.04	0.51	-8.40e-03
2021	2	2122	14.19	-2.15e-03	-11.11	-11.11	-7.11e-03	-0.23	0.05	-0.55	-0.50	2.59e-03	0.16
		2121	11.58	0.01	-8.67	-8.64	-0.02	-0.51	0.13	-0.59	-0.46	2.10e-03	0.28
		1408	29.04	26.81	0.32	26.78	0.35	-0.92	0.40	-0.36	-0.21	0.25	0.30
		1407	30.67	28.61	0.34	28.60	0.35	-0.49	0.26	-0.29	-0.25	0.22	0.15
2021	3	2122	1.76	1.17	-7.29e-04	1.16	1.32e-03	-0.05	5.92e-03	-0.10	-0.09	5.49e-04	0.02
		2121	2.29	1.71	-9.74e-03	1.71	-1.23e-03	-0.12	9.57e-03	-0.10	-0.09	5.01e-04	0.03
		1408	8.06	7.07	0.08	7.06	0.09	-0.20	0.36	0.04	0.04	0.36	0.04
		1407	8.47	7.50	0.09	7.50	0.09	-0.08	0.35	0.04	0.04	0.35	0.01
2021	4	2122	5.46	3.77e-03	-4.18	-4.18	1.88e-03	-0.09	0.02	-0.23	-0.21	1.03e-03	0.07
		2121	4.48	9.99e-03	-3.27	-3.25	-2.46e-03	-0.20	0.05	-0.24	-0.19	8.26e-04	0.11
		1408	12.03	10.84	0.12	10.83	0.13	-0.31	0.32	-0.08	-0.04	0.28	0.13
		1407	12.70	11.59	0.13	11.58	0.13	-0.16	0.27	-0.06	-0.05	0.26	0.06
2022	1	2123	7.37	6.62	-0.01	6.62	-0.01	0.02	1.02e-03	-0.12	-0.12	8.36e-04	-4.75e-03
		2122	7.66	6.92	-0.01	6.92	-0.01	-0.12	2.10e-03	-0.12	-0.12	8.99e-04	-0.01
		1407	16.18	14.83	0.21	14.83	0.22	-0.21	0.51	0.04	0.04	0.51	2.90e-03
		1406	16.50	15.15	0.21	15.15	0.22	0.11	0.51	0.04	0.04	0.51	-0.02
2022	2	2123	15.07	-0.01	-11.96	-11.96	-0.01	0.01	2.71e-03	-0.52	-0.52	2.55e-03	9.12e-03
		2122	14.19	-8.85e-03	-11.14	-11.13	-0.02	-0.26	0.04	-0.54	-0.50	2.39e-03	0.14
		1407	30.69	28.63	0.35	28.63	0.36	-0.46	0.27	-0.29	-0.25	0.22	0.16
		1406	31.23	29.24	0.36	29.24	0.36	-0.01	0.21	-0.26	-0.26	0.21	-5.94e-03
2022	3	2123	1.59	1.00	3.37e-04	1.00	4.11e-04	8.61e-03	5.64e-04	-0.10	-0.10	5.07e-04	2.36e-03
		2122	1.74	1.16	-3.92e-03	1.16	-4.11e-04	-0.06	1.68e-03	-0.10	-0.09	5.07e-04	0.01
		1407	8.48	7.51	0.09	7.51	0.09	-0.08	0.35	0.04	0.04	0.35	0.02
		1406	8.63	7.67	0.09	7.67	0.09	0.03	0.35	0.03	0.03	0.35	-8.33e-03
2022	4	2123	5.79	2.34e-04	-4.50	-4.50	2.18e-04	8.44e-03	1.21e-03	-0.21	-0.21	1.01e-03	6.47e-03
		2122	5.46	1.45e-03	-4.19	-4.19	-1.22e-03	-0.11	0.01	-0.22	-0.21	9.49e-04	0.06
		1407	12.71	11.60	0.13	11.59	0.13	-0.16	0.28	-0.06	-0.05	0.26	0.07
		1406	12.94	11.85	0.13	11.85	0.13	-4.24e-03	0.26	-0.05	-0.05	0.26	-4.31e-03
2023	1	2124	7.92	7.19	-0.01	7.19	-0.01	0.13	2.29e-03	-0.12	-0.12	8.23e-04	-0.01
		2123	7.38	6.62	-0.01	6.62	-0.01	-7.76e-03	4.56e-03	-0.13	-0.12	8.53e-04	-0.02
		1406	16.50	15.15	0.21	15.15	0.22	0.12	0.51	0.04	0.04	0.51	-8.22e-03
		1405	16.39	15.02	0.20	15.01	0.22	0.44	0.52	0.04	0.05	0.51	-0.03
2023	2	2124	14.19	-8.85e-03	-11.14	-11.13	-0.02	0.26	0.04	-0.54	-0.50	2.39e-03	-0.14
		2123	15.07	-0.01	-11.96	-11.96	-0.01	-0.01	2.71e-03	-0.52	-0.52	2.55e-03	-9.12e-03
		1406	31.23	29.24	0.36	29.24	0.36	0.01	0.21	-0.26	-0.26	0.21	5.94e-03
		1405	30.69	28.63	0.35	28.63	0.36	0.46	0.27	-0.29	-0.25	0.22	-0.16
2023	3	2124	1.83	1.24	-4.03e-03	1.24	-4.80e-04	0.07	3.88e-03	-0.10	-0.09	4.84e-04	-0.02
		2123	1.59	1.00	3.73e-04	1.00	4.14e-04	-6.38e-03	1.57e-03	-0.10	-0.10	5.12e-04	-0.01
		1406	8.63	7.67	0.09	7.67	0.09	0.04	0.35	0.03	0.03	0.35	1.13e-04
		1405	8.54	7.56	0.09	7.56	0.09	0.15	0.35	0.03	0.04	0.35	-0.03
2023	4	2124	5.46	1.45e-03	-4.19	-4.19	-1.22e-03	0.11	0.01	-0.22	-0.21	9.49e-04	-0.06
		2123	5.79	2.34e-04	-4.50	-4.50	2.18e-04	-8.44e-03	1.21e-03	-0.21	-0.21	1.01e-03	-6.47e-03
		1406	12.94	11.85	0.13	11.85	0.13	4.24e-03	0.26	-0.05	-0.05	0.26	4.31e-03
		1405	12.71	11.60	0.13	11.59	0.13	0.16	0.28	-0.06	-0.05	0.26	-0.07
2024	1	2125	9.30	8.66	-0.02	8.65	-0.01	0.25	3.48e-03	-0.11	-0.10	9.10e-04	-0.02
		2124	7.93	7.20	-0.01	7.20	-9.16e-03	0.11	8.23e-03	-0.13	-0.12	9.02e-04	-0.03
		1405	16.38	15.01	0.20	15.00	0.22	0.45	0.51	0.04	0.04	0.51	-0.02
		1404	15.84	14.44	0.18	14.40	0.22	0.78	0.53	0.05	0.05	0.53	-0.03
2024	2	2125	11.58	0.01	-8.67	-8.64	-0.02	0.51	0.13	-0.59	-0.46	2.10e-03	-0.28
		2124	14.19	-2.15e-03	-11.11	-11.11	-7.12e-03	0.23	0.05	-0.55	-0.50	2.59e-03	-0.16
		1405	30.67	28.61	0.34	28.60	0.35	0.49	0.26	-0.29	-0.25	0.22	-0.15



		1404	29.04	26.81	0.32	26.78	0.35	0.92	0.40	-0.36	-0.21	0.25	-0.30
2024	3	2125	2.45	1.88	-9.57e-03	1.87	-1.37e-03	0.12	0.01	-0.10	-0.09	4.74e-04	-0.04
		2124	1.85	1.24	-8.50e-04	1.24	1.27e-03	0.05	9.72e-03	-0.10	-0.09	5.35e-04	-0.03
		1405	8.53	7.56	0.09	7.55	0.09	0.15	0.35	0.04	0.04	0.35	-0.02
		1404	8.19	7.17	0.08	7.16	0.09	0.27	0.37	0.04	0.04	0.36	-0.05
2024	4	2125	4.48	9.99e-03	-3.27	-3.25	-2.46e-03	0.20	0.05	-0.24	-0.19	8.26e-04	-0.11
		2124	5.46	3.77e-03	-4.18	-4.18	1.88e-03	0.09	0.02	-0.23	-0.21	1.03e-03	-0.07
		1405	12.70	11.59	0.13	11.58	0.13	0.16	0.27	-0.06	-0.05	0.26	-0.06
		1404	12.03	10.84	0.12	10.83	0.13	0.31	0.32	-0.08	-0.04	0.28	-0.13
2025	1	2126	11.51	11.01	-0.03	11.00	-0.02	0.36	2.29e-03	-0.08	-0.08	1.08e-03	-9.91e-03
		2125	9.33	8.68	-0.01	8.67	-7.34e-03	0.22	0.01	-0.11	-0.10	1.06e-03	-0.03
		1404	15.82	14.42	0.17	14.38	0.21	0.78	0.53	0.05	0.05	0.53	-0.02
		1403	14.85	13.41	0.13	13.32	0.22	1.11	0.55	0.07	0.07	0.55	-0.03
2025	2	2126	7.46	0.10	-4.65	-4.53	-0.02	0.74	0.25	-0.64	-0.39	1.63e-03	-0.40
		2125	11.58	0.02	-8.61	-8.58	-1.99e-03	0.48	0.15	-0.61	-0.46	2.53e-03	-0.30
		1404	29.00	26.77	0.30	26.74	0.33	0.95	0.39	-0.35	-0.21	0.25	-0.29
		1403	26.34	23.82	0.25	23.74	0.33	1.35	0.55	-0.41	-0.16	0.30	-0.42
2025	3	2126	3.42	2.91	-0.01	2.90	-2.32e-03	0.18	0.03	-0.10	-0.07	4.53e-04	-0.05
		2125	2.49	1.89	-4.10e-03	1.88	2.19e-03	0.11	0.02	-0.11	-0.08	5.80e-04	-0.05
		1404	8.17	7.17	0.08	7.16	0.09	0.27	0.36	0.04	0.04	0.36	-0.04
		1403	7.58	6.52	0.07	6.49	0.09	0.38	0.38	0.04	0.05	0.37	-0.06
2025	4	2126	2.95	0.05	-1.76	-1.71	-3.54e-03	0.29	0.10	-0.27	-0.16	6.15e-04	-0.17
		2125	4.49	0.01	-3.24	-3.23	3.78e-03	0.18	0.06	-0.25	-0.19	1.02e-03	-0.13
		1404	12.01	10.83	0.11	10.82	0.12	0.32	0.32	-0.08	-0.04	0.28	-0.12
		1403	10.91	9.60	0.10	9.58	0.12	0.46	0.38	-0.09	-0.01	0.30	-0.18
2026	1	2127	14.52	14.26	-0.03	14.24	-0.02	0.48	4.57e-03	-0.05	-0.04	1.36e-03	0.01
		2126	11.54	11.05	-0.02	11.04	-5.30e-03	0.34	9.81e-03	-0.09	-0.08	1.34e-03	-0.03
		1403	14.82	13.38	0.12	13.29	0.21	1.11	0.55	0.07	0.07	0.55	-0.02
		1402	13.42	11.95	0.05	11.77	0.22	1.43	0.59	0.10	0.10	0.59	-0.01
2026	2	2127	7.37	1.63	-0.58	1.08	-0.02	0.96	0.36	-0.67	-0.30	8.54e-04	-0.49
		2126	7.48	0.11	-4.57	-4.46	4.00e-03	0.71	0.27	-0.66	-0.39	2.38e-03	-0.42
		1403	26.28	23.76	0.22	23.67	0.31	1.38	0.54	-0.40	-0.16	0.30	-0.41
		1402	22.69	19.72	0.15	19.56	0.30	1.74	0.70	-0.42	-0.09	0.37	-0.51
2026	3	2127	4.72	4.33	-0.02	4.31	-3.36e-03	0.24	0.04	-0.09	-0.05	3.82e-04	-0.06
		2126	3.46	2.92	-6.21e-03	2.91	3.23e-03	0.17	0.04	-0.11	-0.07	6.46e-04	-0.06
		1403	7.56	6.50	0.06	6.48	0.09	0.39	0.38	0.04	0.05	0.37	-0.05
		1402	6.72	5.59	0.05	5.54	0.09	0.50	0.40	0.06	0.07	0.39	-0.07
2026	4	2127	3.03	0.64	-0.23	0.41	-4.66e-03	0.38	0.15	-0.28	-0.13	2.32e-04	-0.21
		2126	2.99	0.05	-1.72	-1.68	5.99e-03	0.28	0.12	-0.28	-0.16	9.53e-04	-0.18
		1403	10.88	9.58	0.09	9.55	0.11	0.47	0.37	-0.09	-0.02	0.30	-0.17
		1402	9.40	7.90	0.07	7.85	0.12	0.59	0.43	-0.10	0.02	0.32	-0.22
2027	1	2128	18.50	18.38	-0.04	18.36	-0.02	0.59	0.06	-0.05	9.60e-03	1.81e-03	0.06
		2127	14.56	14.30	-0.02	14.29	-3.77e-03	0.45	2.56e-03	-0.04	-0.04	1.86e-03	-5.49e-03
		1402	13.38	11.91	0.03	11.73	0.21	1.44	0.59	0.09	0.09	0.59	1.04e-03
		1401	11.56	10.07	-0.09	9.76	0.22	1.76	0.64	0.13	0.13	0.64	0.03
2027	2	2128	12.04	8.22	-0.19	8.06	-0.03	1.15	0.46	-0.66	-0.19	-5.97e-04	-0.55
		2127	7.52	1.69	-0.50	1.18	0.01	0.93	0.39	-0.68	-0.30	2.11e-03	-0.51
		1402	22.64	19.64	0.11	19.48	0.27	1.78	0.69	-0.41	-0.09	0.37	-0.50
		1401	18.33	14.63	-0.03	14.33	0.27	2.09	0.84	-0.39	3.95e-03	0.44	-0.57
2027	3	2128	6.36	6.13	-0.02	6.12	-4.21e-03	0.29	0.04	-0.07	-0.02	1.58e-04	-0.05
		2127	4.76	4.35	-7.07e-03	4.34	4.28e-03	0.22	0.05	-0.10	-0.05	7.42e-04	-0.07
		1402	6.70	5.57	0.04	5.52	0.08	0.50	0.40	0.06	0.07	0.39	-0.06
		1401	5.65	4.41	5.28e-03	4.32	0.09	0.61	0.42	0.08	0.09	0.41	-0.07
2027	4	2128	4.81	3.13	-0.07	3.07	-6.26e-03	0.46	0.19	-0.28	-0.08	-5.56e-04	-0.23
		2127	3.13	0.66	-0.19	0.45	8.76e-03	0.36	0.16	-0.29	-0.13	8.17e-04	-0.22
		1402	9.37	7.87	0.06	7.82	0.10	0.60	0.43	-0.09	0.01	0.32	-0.21
		1401	7.60	5.77	0.02	5.68	0.11	0.71	0.49	-0.09	0.05	0.35	-0.25
2028	1	2129	23.99	23.38	-0.02	23.36	-1.66e-03	0.71	0.18	-0.10	0.08	1.74e-03	0.14
		2128	18.55	18.44	-0.03	18.42	-0.01	0.57	0.05	-0.03	0.01	3.49e-03	0.04
		1401	11.53	10.03	-0.11	9.71	0.21	1.78	0.64	0.12	0.12	0.64	0.04
		1400	9.34	7.84	-0.35	7.28	0.21	2.07	0.74	0.16	0.18	0.72	0.10
2028	2	2129	18.69	16.36	-0.14	16.25	-0.03	1.33	0.54	-0.62	-0.08	-3.86e-03	-0.58
		2128	12.17	8.33	-0.13	8.18	0.02	1.12	0.49	-0.67	-0.18	1.51e-03	-0.57
		1401	18.29	14.54	-0.09	14.23	0.22	2.13	0.82	-0.39	-0.01	0.44	-0.56
		1400	13.84	8.81	-0.41	8.15	0.25	2.37	0.94	-0.32	0.11	0.51	-0.60
2028	3	2129	8.34	8.32	-0.02	8.30	-7.02e-04	0.35	0.04	-0.04	4.98e-03	-7.38e-04	-0.04
		2128	6.39	6.16	-9.27e-03	6.15	3.13e-03	0.28	0.06	-0.08	-0.02	1.03e-03	-0.07
		1401	5.63	4.39	-7.78e-03	4.30	0.08	0.62	0.42	0.08	0.09	0.41	-0.06
		1400	4.42	3.02	-0.09	2.84	0.09	0.72	0.44	0.11	0.12	0.43	-0.05
2028	4	2129	7.35	6.24	-0.06	6.20	-9.57e-03	0.53	0.23	-0.27	-0.04	-2.40e-03	-0.25
		2128	4.89	3.17	-0.05	3.11	0.01	0.44	0.21	-0.29	-0.08	4.44e-04	-0.25
		1401	7.57	5.73	-7.39e-03	5.64	0.09	0.72	0.48	-0.08	0.05	0.35	-0.23
		1400	5.76	3.30	-0.10	3.10	0.10	0.81	0.53	-0.06	0.09	0.37	-0.26
2029	1	2130	30.45	29.27	0.13	29.24	0.16	0.85	0.35	-0.19	0.16	-8.14e-03	0.26
		2129	24.13	23.45	-0.12	23.43	-0.10	0.67	0.18	-0.08	0.09	0.01	0.12
		1400	9.30	7.82	-0.31	7.22	0.28	2.12	0.73	0.14	0.16	0.71	0.11
		1399	8.42	5.35	-0.97	4.31	0.07	2.35	0.92	0.19	0.26	0.85	0.22



2029	2	2130	26.83	25.56	-0.13	25.48	-0.05	1.48	0.60	-0.59	0.02	-0.01	-0.60
		2129	18.75	16.50	-0.06	16.40	0.04	1.28	0.57	-0.63	-0.06	-6.34e-04	-0.60
		1400	13.85	8.72	-0.54	8.03	0.15	2.44	0.91	-0.32	0.08	0.51	-0.58
		1399	11.03	3.32	-1.92	1.15	0.25	2.58	1.00	-0.23	0.22	0.55	-0.59
2029	3	2130	11.05	10.88	0.03	10.86	0.04	0.41	0.04	-0.01	0.03	-5.54e-03	-0.02
		2129	8.41	8.35	-0.03	8.34	-0.02	0.33	0.06	-0.04	0.01	2.80e-03	-0.05
		1400	4.41	3.00	-0.09	2.81	0.10	0.74	0.44	0.10	0.10	0.43	-0.04
		1399	3.29	1.54	-0.39	1.09	0.05	0.82	0.46	0.15	0.15	0.46	-0.03
2029	4	2130	10.54	9.78	-0.05	9.75	-0.02	0.60	0.26	-0.28	-0.01	-6.64e-03	-0.27
		2129	7.39	6.29	-0.02	6.25	0.02	0.51	0.25	-0.28	-0.03	-1.04e-03	-0.26
		1400	5.74	3.27	-0.16	3.05	0.06	0.84	0.51	-0.06	0.08	0.37	-0.25
		1399	4.70	1.01	-0.76	0.15	0.11	0.88	0.55	-0.04	0.14	0.37	-0.27
2030	1	2131	37.00	36.23	1.31	36.19	1.35	1.18	0.43	-0.36	0.14	-0.06	0.38
		2130	31.32	29.30	-0.77	29.28	-0.75	0.77	0.47	-0.16	0.25	0.05	0.30
		1399	8.54	5.69	-0.31	4.34	1.04	2.50	0.87	0.10	0.15	0.81	0.20
		1398	9.48	2.18	-2.87	0.48	-1.17	2.39	1.30	0.29	0.48	1.12	0.39
2030	2	2131	36.46	35.54	-0.42	35.49	-0.37	1.29	0.65	-0.64	0.04	-0.03	-0.64
		2130	26.86	25.78	0.08	25.69	0.17	1.56	0.64	-0.59	0.05	-5.78e-03	-0.62
		1399	10.78	3.19	-2.05	0.93	0.21	2.59	0.95	-0.24	0.16	0.54	-0.56
		1398	13.49	1.06	-7.65	-6.45	-0.14	3.00	0.98	-0.20	0.32	0.46	-0.59
2030	3	2131	13.78	13.85	0.33	13.84	0.35	0.49	0.01	-0.03	5.87e-03	-0.02	-0.01
		2130	11.33	10.91	-0.21	10.90	-0.19	0.39	0.06	7.08e-03	0.06	0.01	-0.01
		1399	3.13	1.64	-0.24	1.07	0.32	0.86	0.45	0.11	0.11	0.45	-0.02
		1398	3.23	0.25	-1.60	-1.01	-0.34	0.86	0.49	0.21	0.21	0.49	5.53e-03
2030	4	2131	14.43	13.65	-0.18	13.63	-0.16	0.53	0.30	-0.33	-0.02	-0.01	-0.32
		2130	10.57	9.87	0.04	9.83	0.08	0.62	0.28	-0.29	6.17e-04	-6.32e-03	-0.29
		1399	4.55	0.96	-0.82	0.06	0.07	0.89	0.52	-0.04	0.11	0.37	-0.25
		1398	5.92	0.29	-3.39	-3.07	-0.04	1.05	0.52	-0.06	0.16	0.29	-0.28
2031	1	2109	55.22	54.25	10.27	51.51	13.02	10.64	0.27	-1.30	-1.17	0.13	0.44
		2131	42.00	33.70	-6.95	33.44	-6.69	-3.27	1.17	-0.41	0.78	-0.03	0.68
		1398	16.43	9.24	-2.95	4.18	2.11	6.00	1.28	-0.06	0.07	1.16	0.39
		1397	18.08	1.32	-13.51	-12.41	0.21	-3.90	1.54	0.78	0.89	1.43	0.26
2031	2	2109	53.14	52.04	-0.50	51.34	0.19	6.01	0.86	-0.78	0.23	-0.15	-0.80
		2131	35.66	35.04	0.68	35.04	0.68	0.28	0.76	-0.63	0.08	0.05	-0.70
		1398	14.64	2.99	-7.90	-5.74	0.83	4.35	0.84	-0.28	0.18	0.38	-0.55
		1397	23.47	1.07	-20.87	-20.78	0.98	-1.42	0.80	-0.33	0.38	0.09	-0.55
2031	3	2109	21.01	20.67	2.94	19.85	3.77	3.74	-3.16e-03	-0.28	-0.26	-0.01	-0.06
		2131	15.08	13.05	-1.90	13.00	-1.84	-0.91	0.19	-1.13e-04	0.18	9.19e-03	0.04
		1398	4.97	2.50	-1.67	0.13	0.69	2.07	0.48	0.08	0.08	0.48	0.02
		1397	7.73	0.48	-6.80	-6.51	0.18	-1.44	0.45	0.30	0.30	0.44	-0.02
2031	4	2109	21.02	20.08	-0.31	19.80	-0.03	2.36	0.46	-0.41	0.15	-0.10	-0.42
		2131	14.18	13.47	0.34	13.47	0.34	0.14	0.37	-0.37	-0.03	0.03	-0.37
		1398	6.27	0.97	-3.46	-2.81	0.31	1.57	0.45	-0.09	0.12	0.24	-0.26
		1397	10.06	0.46	-9.04	-8.99	0.41	-0.71	0.37	-0.17	0.15	0.05	-0.26
2032	1	2155	9.37	-6.92e-03	-8.38	-9.28e-03	-8.37	0.14	0.38	-0.33	-7.26e-03	0.06	0.35
		106	13.15	9.29e-03	-12.25	-3.30e-05	-12.24	-0.34	0.59	-0.14	0.29	0.16	0.36
		289	11.22	-0.02	-10.41	-0.03	-10.40	-0.36	0.64	-0.10	0.39	0.16	0.35
		2190	10.02	0.01	-8.89	8.39e-03	-8.89	0.18	0.36	-0.17	0.03	0.16	0.25
2032	2	2155	82.56	-0.08	-82.57	-0.08	-82.56	-0.51	0.17	-0.17	-8.48e-03	1.59e-03	-0.17
		106	38.72	3.37	-36.26	0.82	-33.72	-9.71	0.37	-0.08	0.14	0.15	-0.22
		289	34.65	4.59	-30.34	0.52	-26.28	-11.20	0.65	0.12	0.59	0.19	-0.18
		2190	65.83	-0.09	-63.89	-0.10	-63.87	-0.87	0.72	-0.21	0.13	0.38	-0.45
2032	3	2155	10.83	-8.97e-03	-10.62	-8.97e-03	-10.62	4.24e-03	0.10	-0.08	-3.20e-03	0.03	0.09
		106	8.62	0.19	-8.24	0.07	-8.11	-1.02	0.25	0.06	0.20	0.10	0.08
		289	7.32	0.23	-6.94	0.03	-6.75	-1.16	0.31	0.06	0.27	0.10	0.09
		2190	9.57	-6.47e-03	-9.10	-6.49e-03	-9.10	-0.01	0.10	7.17e-03	0.02	0.09	0.03
2032	4	2155	32.66	-0.03	-32.61	-0.03	-32.61	-0.19	0.06	-0.06	-3.56e-03	9.19e-03	-0.06
		106	16.37	1.23	-15.39	0.31	-14.48	-3.80	0.22	0.04	0.16	0.10	-0.09
		289	14.58	1.65	-12.91	0.20	-11.45	-4.37	0.35	0.09	0.33	0.11	-0.07
		2190	26.19	-0.03	-25.40	-0.04	-25.39	-0.32	0.29	-0.08	0.05	0.15	-0.18
2033	1	2190	10.49	-9.25e-03	-9.01	-0.01	-9.00	0.18	0.35	-0.23	-0.05	0.17	0.27
		289	11.32	0.05	-10.32	0.04	-10.32	-0.28	0.78	0.03	0.55	0.25	0.34
		303	9.47	0.24	-8.39	0.20	-8.34	-0.64	0.62	0.16	0.57	0.21	0.14
		2191	10.90	-0.02	-9.35	-0.02	-9.35	0.13	0.32	-0.03	0.03	0.26	0.13
2033	2	2190	68.11	-0.09	-63.87	-0.10	-63.86	-0.73	0.42	-0.81	-0.72	0.33	-0.32
		289	37.24	4.79	-30.38	0.65	-26.24	-11.33	2.03	0.77	1.90	0.90	-0.38
		303	36.57	7.78	-25.56	1.10	-18.87	-13.35	0.15	-1.34	-0.76	-0.43	-0.73
		2191	42.62	-0.08	-40.83	-0.12	-40.80	-1.24	0.89	-0.05	0.70	0.13	-0.38
2033	3	2190	9.88	-0.01	-9.13	-0.01	-9.13	2.93e-04	0.10	-0.09	-0.07	0.09	0.06
		289	7.45	0.25	-6.91	0.07	-6.72	-1.14	0.44	0.17	0.42	0.19	0.07
		303	6.38	0.50	-5.66	0.15	-5.31	-1.42	0.23	0.07	0.22	0.07	-0.02
		2191	7.62	-0.02	-7.20	-0.02	-7.20	-0.06	0.10	0.06	0.06	0.10	-1.36e-03
2033	4	2190	27.03	-0.03	-25.39	-0.04	-25.39	-0.27	0.17	-0.30	-0.27	0.13	-0.12
		289	15.57	1.73	-12.92	0.25	-11.44	-4.42	0.87	0.34	0.82	0.38	-0.15
		303	14.80	2.81	-10.82	0.42	-8.43	-5.19	0.13	-0.42	-0.17	-0.12	-0.28
		2191	17.12	-0.03	-16.53	-0.05	-16.51	-0.46	0.34	-0.02	0.26	0.06	-0.15
2034	1	2136	19.30	5.80	0.87	2.06	4.60	-2.11	0.95	-2.02	-1.16	0.10	1.35



		2137	23.82	-1.19	-10.60	-3.58	-8.22	4.09	2.09	-0.92	1.55	-0.38	1.15
		743	16.72	11.65	0.16	11.57	0.24	-0.95	-0.45	-1.74	-0.90	-1.30	0.61
		742	16.89	8.46	-1.67	7.76	-0.97	2.57	0.68	-1.02	0.16	-0.50	0.78
2034	2	2136	71.98	65.10	-9.69	64.86	-9.44	4.30	1.26	-1.47	-0.25	0.04	1.36
		2137	111.08	108.68	14.99	104.26	19.40	-19.85	2.24	-0.52	1.95	-0.23	0.85
		743	44.44	1.74	-42.89	-41.92	0.77	6.49	0.36	-0.71	0.06	-0.41	0.48
		742	31.35	12.00	-14.18	-5.66	3.48	-12.27	1.20	-0.49	0.42	0.29	0.84
2034	3	2136	11.16	6.32	0.65	6.30	0.67	-0.31	0.47	-0.86	-0.43	0.04	0.62
		2137	14.02	7.96	-0.98	7.93	-0.95	-0.50	0.95	-0.43	0.69	-0.18	0.54
		743	4.52	0.33	-1.27	-1.10	0.17	0.49	-0.04	-0.63	-0.26	-0.41	0.28
		742	4.15	1.28	-0.01	1.27	-3.88e-03	-0.11	0.42	-0.32	0.13	-0.03	0.36
2034	4	2136	28.13	25.00	-3.58	24.91	-3.49	1.60	0.57	-0.70	-0.16	0.03	0.63
		2137	42.76	41.56	5.55	39.88	7.24	-7.60	0.99	-0.31	0.81	-0.13	0.45
		743	18.00	0.73	-17.36	-16.95	0.32	2.69	0.19	-0.32	0.02	-0.15	0.24
		742	12.40	4.24	-5.64	-2.71	1.32	-4.51	0.59	-0.17	0.21	0.21	0.38
2035	1	2138	8.49	1.74	0.57	1.74	0.58	-0.07	0.48	-0.99	-0.43	-0.08	0.71
		2136	9.60	0.60	-1.05	0.56	-1.01	0.25	0.74	-1.06	-0.37	0.05	0.87
		742	13.37	9.78	0.57	9.70	0.65	0.87	0.48	-1.16	-0.30	-0.39	0.82
		741	12.63	10.45	-0.68	10.36	-0.59	1.01	0.63	-0.43	0.04	0.16	0.52
2035	2	2138	52.38	50.26	-1.11	50.13	-0.98	-2.57	1.09	-1.07	0.08	-0.05	1.08
		2136	69.85	69.20	1.58	69.08	1.70	-2.93	1.10	-0.84	0.25	0.01	0.96
		742	23.19	0.95	-14.34	-11.50	-1.89	-5.94	1.29	-0.57	0.31	0.40	0.93
		741	20.05	7.33	-4.58	1.13	1.62	-5.95	1.38	-0.52	0.21	0.65	0.93
2035	3	2138	7.05	4.99	0.09	4.97	0.11	-0.26	0.28	-0.45	-0.14	-0.03	0.36
		2136	8.49	6.20	-0.19	6.19	-0.18	-0.20	0.37	-0.48	-0.13	0.01	0.42
		742	4.45	1.38	0.05	1.37	0.05	-0.08	0.39	-0.38	-0.02	0.03	0.39
		741	4.65	2.98	-0.05	2.98	-0.05	-0.04	0.46	-0.11	0.08	0.27	0.27
2035	4	2138	20.45	19.36	-0.40	19.31	-0.35	-1.00	0.46	-0.47	9.58e-03	-0.02	0.47
		2136	26.70	26.54	0.57	26.49	0.62	-1.14	0.47	-0.42	0.05	3.02e-03	0.44
		742	9.49	0.17	-5.77	-4.91	-0.70	-2.10	0.63	-0.21	0.16	0.27	0.42
		741	7.88	2.54	-1.68	0.25	0.61	-2.10	0.69	-0.14	0.13	0.41	0.39
2036	1	2139	6.30	2.42	0.09	2.42	0.09	-0.02	0.34	-0.63	-0.27	-0.02	0.47
		2138	7.53	1.68	-0.10	1.68	-0.10	-0.01	0.47	-0.82	-0.34	-3.16e-03	0.62
		741	12.38	10.54	-0.04	10.46	0.04	0.91	0.61	-0.56	-0.06	0.10	0.58
		740	12.84	11.44	-0.19	11.39	-0.15	0.75	0.59	-0.29	-2.04e-03	0.30	0.41
2036	2	2139	36.41	33.05	-0.27	32.90	-0.12	-2.24	1.01	-1.08	-0.06	-7.67e-03	1.04
		2138	51.50	50.01	0.05	49.87	0.18	-2.61	1.03	-0.97	0.07	-0.01	1.00
		741	20.44	6.47	-4.93	1.28	0.26	-5.68	1.46	-0.56	0.27	0.64	0.99
		740	24.00	14.29	-1.51	12.27	0.51	-5.28	1.36	-0.74	0.04	0.58	1.01
2036	3	2139	5.35	3.78	0.01	3.77	0.02	-0.21	0.22	-0.32	-0.10	-6.50e-03	0.27
		2138	6.75	4.94	-0.03	4.93	-0.02	-0.25	0.26	-0.38	-0.12	-4.21e-03	0.32
		741	4.85	3.03	0.04	3.03	0.04	-0.04	0.47	-0.16	0.06	0.25	0.30
		740	6.02	4.54	-2.78e-03	4.54	-1.84e-03	-0.07	0.46	-0.09	0.05	0.32	0.24
2036	4	2139	14.36	12.86	-0.10	12.80	-0.04	-0.87	0.42	-0.46	-0.03	-3.80e-03	0.44
		2138	20.10	19.26	0.01	19.21	0.07	-1.02	0.43	-0.43	6.73e-03	-7.30e-03	0.43
		741	8.14	2.21	-1.79	0.31	0.11	-2.00	0.72	-0.16	0.15	0.41	0.42
		740	9.54	5.45	-0.46	4.80	0.19	-1.85	0.68	-0.22	0.06	0.40	0.42
2037	1	2140	5.62	2.91	0.03	2.91	0.03	-0.03	0.25	-0.48	-0.23	-3.59e-03	0.35
		2139	6.17	2.41	4.74e-03	2.41	5.15e-03	-0.03	0.33	-0.60	-0.26	-6.31e-03	0.45
		740	12.85	11.44	-0.11	11.40	-0.06	0.74	0.60	-0.32	-0.01	0.28	0.43
		739	13.69	12.25	-0.11	12.23	-0.08	0.56	0.54	-0.19	-1.81e-03	0.36	0.32
2037	2	2140	23.85	17.88	-0.22	17.67	-5.99e-03	-1.97	0.90	-1.16	-0.27	2.32e-03	1.02
		2139	36.27	32.82	-0.21	32.66	-0.04	-2.32	0.97	-1.07	-0.09	-8.00e-03	1.02
		740	23.99	14.37	-1.41	12.47	0.49	-5.13	1.41	-0.73	0.09	0.58	1.04
		739	30.24	23.13	-0.43	22.23	0.47	-4.52	1.21	-0.89	-0.11	0.43	1.02
2037	3	2140	4.23	2.71	1.31e-03	2.70	0.01	-0.18	0.18	-0.28	-0.10	-1.02e-03	0.22
		2139	5.29	3.76	-0.01	3.75	6.04e-04	-0.23	0.21	-0.31	-0.10	-3.51e-03	0.25
		740	6.03	4.56	0.03	4.56	0.03	-0.06	0.47	-0.10	0.06	0.31	0.25
		739	7.20	5.89	0.01	5.89	0.01	-0.07	0.43	-0.07	0.04	0.32	0.21
2037	4	2140	9.63	7.15	-0.08	7.07	2.60e-03	-0.76	0.37	-0.48	-0.11	7.28e-04	0.42
		2139	14.29	12.77	-0.08	12.71	-0.01	-0.90	0.40	-0.45	-0.05	-4.01e-03	0.42
		740	9.57	5.48	-0.42	4.88	0.19	-1.80	0.71	-0.22	0.09	0.40	0.43
		739	12.14	9.13	-0.10	8.85	0.18	-1.57	0.62	-0.27	6.63e-03	0.35	0.41
2038	1	2141	5.28	3.21	0.02	3.21	0.02	-0.03	0.18	-0.39	-0.21	-1.09e-03	0.27
		2140	5.54	2.91	0.02	2.91	0.02	-0.04	0.24	-0.47	-0.23	-3.01e-03	0.33
		739	13.70	12.26	-0.10	12.23	-0.07	0.56	0.55	-0.20	-1.00e-03	0.35	0.34
		738	14.39	12.93	-0.08	12.92	-0.07	0.38	0.50	-0.12	-2.26e-03	0.38	0.24
2038	2	2141	14.68	5.19	-0.53	4.66	-5.08e-03	-1.65	0.73	-1.20	-0.47	3.94e-03	0.94
		2140	23.72	17.69	-0.29	17.46	-0.06	-2.02	0.87	-1.16	-0.29	-1.94e-03	1.00
		739	30.26	23.27	-0.32	22.40	0.54	-4.44	1.24	-0.89	-0.08	0.43	1.04
		738	36.67	31.27	0.08	30.83	0.53	-3.71	0.99	-0.96	-0.25	0.28	0.94
2038	3	2141	3.32	1.79	-2.17e-03	1.77	0.01	-0.15	0.14	-0.25	-0.12	5.78e-06	0.19
		2140	4.17	2.70	-0.01	2.68	4.15e-03	-0.20	0.17	-0.27	-0.10	-1.41e-03	0.21
		739	7.22	5.90	0.02	5.90	0.03	-0.06	0.44	-0.08	0.04	0.32	0.22
		738	8.24	7.03	0.02	7.03	0.02	-0.07	0.40	-0.06	0.03	0.32	0.18
2038	4	2141	6.13	2.37	-0.17	2.20	2.73e-03	-0.64	0.30	-0.49	-0.19	1.50e-03	0.39
		2140	9.56	7.08	-0.11	6.99	-0.02	-0.78	0.35	-0.48	-0.12	-1.09e-03	0.41



		739	12.17	9.18	-0.06	8.92	0.21	-1.54	0.64	-0.27	0.02	0.35	0.43
		738	14.82	12.47	0.06	12.34	0.20	-1.28	0.54	-0.30	-0.05	0.29	0.38
2039	1	2142	5.02	3.32	0.02	3.32	0.02	-0.03	0.12	-0.33	-0.21	-4.07e-04	0.19
		2141	5.21	3.20	0.02	3.20	0.02	-0.04	0.16	-0.38	-0.21	-1.24e-03	0.25
		738	14.40	12.94	-0.08	12.93	-0.07	0.38	0.51	-0.13	-1.52e-03	0.38	0.26
		737	14.92	13.45	-0.07	13.45	-0.06	0.21	0.46	-0.07	-4.72e-03	0.40	0.18
2039	2	2142	11.43	0.26	-6.17	-5.89	-0.02	-1.31	0.53	-1.17	-0.65	4.36e-03	0.79
		2141	14.52	5.05	-0.62	4.49	-0.06	-1.69	0.71	-1.19	-0.48	1.15e-03	0.92
		738	36.74	31.41	0.15	30.97	0.58	-3.66	1.01	-0.96	-0.24	0.28	0.95
		737	42.38	38.15	0.37	37.94	0.58	-2.85	0.71	-0.94	-0.37	0.14	0.79
2039	3	2142	2.51	1.01	-4.80e-03	0.99	0.01	-0.12	0.10	-0.23	-0.13	2.75e-04	0.15
		2141	3.24	1.77	-0.01	1.76	5.27e-03	-0.17	0.13	-0.24	-0.12	-3.84e-04	0.18
		738	8.26	7.05	0.03	7.05	0.03	-0.07	0.41	-0.06	0.03	0.32	0.19
		737	9.10	7.97	0.02	7.97	0.02	-0.07	0.37	-0.04	0.01	0.31	0.14
2039	4	2142	4.25	0.13	-1.87	-1.74	-1.02e-03	-0.50	0.22	-0.48	-0.26	1.69e-03	0.33
		2141	6.03	2.32	-0.20	2.14	-0.02	-0.66	0.29	-0.48	-0.20	3.25e-04	0.37
		738	14.86	12.53	0.09	12.40	0.22	-1.26	0.55	-0.30	-0.04	0.29	0.39
		737	17.18	15.28	0.15	15.22	0.22	-0.97	0.43	-0.29	-0.10	0.24	0.32
2040	1	2143	4.75	3.29	0.02	3.29	0.02	-0.02	0.06	-0.27	-0.21	-1.33e-04	0.13
		2142	4.96	3.32	0.02	3.32	0.02	-0.04	0.10	-0.31	-0.21	-4.88e-04	0.18
		737	14.93	13.46	-0.06	13.46	-0.06	0.21	0.47	-0.08	-4.43e-03	0.39	0.19
		736	15.26	13.79	-0.06	13.79	-0.06	0.05	0.43	-0.04	-7.39e-03	0.40	0.11
2040	2	2143	19.02	0.04	-13.87	-13.81	-0.03	-0.93	0.31	-1.09	-0.78	4.60e-03	0.58
		2142	11.42	0.23	-6.32	-6.03	-0.06	-1.35	0.51	-1.16	-0.65	2.73e-03	0.77
		737	42.45	38.26	0.41	38.06	0.62	-2.81	0.73	-0.95	-0.37	0.14	0.80
		736	46.98	43.53	0.55	43.45	0.63	-1.92	0.41	-0.84	-0.47	0.03	0.57
2040	3	2143	1.79	0.41	-0.01	0.39	9.25e-03	-0.09	0.06	-0.20	-0.15	3.78e-04	0.11
		2142	2.43	1.00	-0.01	0.98	5.80e-03	-0.14	0.09	-0.22	-0.13	5.94e-05	0.14
		737	9.11	7.98	0.03	7.98	0.03	-0.06	0.37	-0.05	0.01	0.31	0.15
		736	9.75	8.67	0.03	8.67	0.03	-0.06	0.33	-0.03	1.90e-03	0.30	0.10
2040	4	2143	6.84	0.02	-4.71	-4.68	-4.74e-03	-0.36	0.13	-0.45	-0.31	1.78e-03	0.24
		2142	4.15	0.12	-1.93	-1.79	-0.02	-0.52	0.21	-0.47	-0.26	1.01e-03	0.31
		737	17.22	15.33	0.17	15.27	0.23	-0.96	0.44	-0.30	-0.09	0.24	0.33
		736	19.09	17.48	0.21	17.46	0.23	-0.64	0.32	-0.26	-0.13	0.20	0.24
2041	1	2144	4.46	3.15	0.02	3.15	0.02	-0.01	0.02	-0.23	-0.21	4.59e-06	0.07
		2143	4.71	3.29	0.02	3.29	0.02	-0.04	0.05	-0.26	-0.21	-1.52e-04	0.11
		736	15.27	13.80	-0.05	13.80	-0.05	0.05	0.44	-0.04	-7.36e-03	0.40	0.12
		735	15.40	13.93	-0.05	13.93	-0.05	-0.10	0.41	-0.02	-9.12e-03	0.41	0.05
2041	2	2144	24.26	-0.02	-18.91	-18.89	-0.04	-0.54	0.11	-0.98	-0.87	4.76e-03	0.33
		2143	19.06	0.01	-13.98	-13.91	-0.06	-0.97	0.29	-1.08	-0.79	3.67e-03	0.56
		736	47.04	43.62	0.58	43.53	0.66	-1.88	0.42	-0.85	-0.47	0.04	0.59
		735	50.27	47.28	0.66	47.26	0.68	-0.92	0.12	-0.69	-0.54	-0.03	0.32
2041	3	2144	1.17	0.04	-0.07	-0.04	8.33e-03	-0.05	0.02	-0.18	-0.15	4.27e-04	0.06
		2143	1.71	0.40	-0.02	0.38	6.13e-03	-0.10	0.05	-0.19	-0.15	2.67e-04	0.10
		736	9.77	8.68	0.03	8.68	0.03	-0.06	0.34	-0.03	2.40e-03	0.30	0.11
		735	10.19	9.14	0.03	9.14	0.03	-0.05	0.31	-0.01	-5.39e-03	0.30	0.05
2041	4	2144	8.75	-1.89e-03	-6.57	-6.57	-8.33e-03	-0.21	0.05	-0.40	-0.35	1.84e-03	0.14
		2143	6.83	0.01	-4.75	-4.72	-0.02	-0.38	0.12	-0.44	-0.32	1.40e-03	0.23
		736	19.12	17.51	0.22	17.49	0.24	-0.63	0.33	-0.26	-0.13	0.20	0.24
		735	20.46	19.02	0.24	19.01	0.25	-0.29	0.22	-0.21	-0.16	0.17	0.13
2042	1	2145	4.16	2.91	0.02	2.91	0.02	1.60e-03	2.34e-04	-0.21	-0.21	7.44e-05	5.79e-03
		2144	4.43	3.14	0.02	3.14	0.02	-0.03	0.01	-0.22	-0.21	1.82e-05	0.05
		735	15.41	13.94	-0.05	13.94	-0.05	-0.10	0.41	-0.02	-9.23e-03	0.41	0.06
		734	15.31	13.86	-0.04	13.85	-0.04	-0.24	0.41	-9.40e-03	-9.20e-03	0.41	-9.13e-03
2042	2	2145	26.48	-0.04	-20.98	-20.98	-0.04	-0.12	8.08e-03	-0.92	-0.92	4.84e-03	0.05
		2144	24.30	-0.04	-18.98	-18.96	-0.05	-0.57	0.10	-0.97	-0.88	4.33e-03	0.31
		735	50.31	47.33	0.68	47.31	0.69	-0.88	0.13	-0.70	-0.53	-0.03	0.33
		734	52.16	49.28	0.72	49.28	0.72	0.13	0.06	-0.57	-0.57	-0.06	0.04
2042	3	2145	1.23	7.76e-03	-0.26	-0.26	7.33e-03	-0.01	2.65e-03	-0.16	-0.16	4.47e-04	0.02
		2144	1.10	0.05	-0.09	-0.05	6.36e-03	-0.06	0.02	-0.17	-0.15	3.81e-04	0.05
		735	10.20	9.15	0.04	9.15	0.04	-0.05	0.31	-0.02	-5.22e-03	0.30	0.06
		734	10.40	9.36	0.04	9.36	0.04	-0.03	0.30	-9.36e-03	-9.15e-03	0.30	7.99e-03
2042	4	2145	9.55	-0.01	-7.34	-7.34	-0.01	-0.05	4.84e-03	-0.37	-0.37	1.86e-03	0.03
		2144	8.75	-7.83e-03	-6.60	-6.59	-0.02	-0.23	0.04	-0.39	-0.35	1.66e-03	0.13
		735	20.48	19.04	0.25	19.03	0.26	-0.28	0.22	-0.21	-0.16	0.17	0.14
		734	21.26	19.86	0.26	19.86	0.26	0.08	0.16	-0.18	-0.17	0.16	0.02
2043	1	2146	3.90	2.62	0.02	2.62	0.02	0.02	0.01	-0.22	-0.21	8.55e-05	-0.05
		2145	4.16	2.91	0.02	2.91	0.02	-0.01	6.86e-04	-0.21	-0.21	1.14e-04	-0.01
		734	15.31	13.86	-0.04	13.85	-0.04	-0.24	0.41	-9.46e-03	-9.44e-03	0.41	2.52e-03
		733	14.99	13.55	-0.04	13.54	-0.03	-0.37	0.42	-0.02	-7.20e-03	0.41	-0.07
2043	2	2146	25.44	-0.05	-19.93	-19.92	-0.05	0.32	0.06	-0.96	-0.91	4.80e-03	-0.22
		2145	26.50	-0.05	-21.01	-21.01	-0.05	-0.16	6.22e-03	-0.92	-0.92	4.85e-03	0.04
		734	52.17	49.30	0.73	49.30	0.73	0.17	-0.06	-0.57	-0.57	-0.06	0.05
		733	52.55	49.48	0.73	49.44	0.76	1.25	0.05	-0.66	-0.57	-0.04	-0.24
2043	3	2146	1.24	9.82e-03	-0.26	-0.26	6.23e-03	0.03	4.92e-03	-0.16	-0.16	4.38e-04	-0.03
		2145	1.22	8.68e-03	-0.26	-0.26	6.53e-03	-0.02	6.99e-04	-0.16	-0.16	4.52e-04	6.27e-03
		734	10.40	9.36	0.04	9.36	0.04	-0.03	0.30	-0.01	-9.21e-03	0.30	0.02



		733	10.37	9.32	0.04	9.32	0.04	-1.55e-03	0.30	-0.01	-9.07e-03	0.30	-0.04
2043	4	2146	9.16	-0.01	-6.94	-6.94	-0.02	0.12	0.02	-0.38	-0.37	1.84e-03	-0.08
		2145	9.56	-0.01	-7.35	-7.35	-0.01	-0.07	2.94e-03	-0.37	-0.37	1.86e-03	0.02
		734	21.26	19.87	0.27	19.87	0.27	0.10	0.16	-0.18	-0.17	0.16	0.03
		733	21.45	19.97	0.27	19.96	0.28	0.48	0.19	-0.20	-0.17	0.16	-0.09
2044	1	2147	3.72	2.31	0.02	2.31	0.02	0.04	0.05	-0.25	-0.20	7.82e-06	-0.11
		2146	3.92	2.62	0.02	2.62	0.02	2.81e-03	0.02	-0.23	-0.21	1.61e-04	-0.07
		733	14.99	13.55	-0.04	13.54	-0.03	-0.37	0.42	-0.01	-7.62e-03	0.41	-0.06
		732	14.42	13.00	-0.04	12.98	-0.02	-0.48	0.45	-0.04	-2.83e-03	0.41	-0.12
2044	2	2147	21.00	-0.03	-15.62	-15.58	-0.06	0.77	0.22	-1.06	-0.85	4.53e-03	-0.48
		2146	25.44	-0.04	-19.91	-19.91	-0.05	0.28	0.06	-0.97	-0.91	5.28e-03	-0.24
		733	52.54	49.46	0.72	49.42	0.75	1.29	0.04	-0.66	-0.57	-0.05	-0.23
		732	51.40	47.81	0.67	47.69	0.79	2.41	0.32	-0.83	-0.53	0.02	-0.51
2044	3	2147	1.25	0.07	-0.08	-0.02	5.04e-03	0.08	0.03	-0.18	-0.15	3.78e-04	-0.07
		2146	1.27	7.82e-03	-0.26	-0.26	6.67e-03	0.02	9.85e-03	-0.17	-0.16	4.98e-04	-0.04
		733	10.37	9.32	0.04	9.32	0.04	-1.16e-03	0.30	-0.01	-9.38e-03	0.30	-0.03
		732	10.10	9.02	0.05	9.02	0.05	0.03	0.32	-0.03	-4.98e-03	0.30	-0.08
2044	4	2147	7.52	-3.33e-03	-5.34	-5.32	-0.02	0.29	0.08	-0.42	-0.35	1.72e-03	-0.18
		2146	9.16	-0.01	-6.94	-6.93	-0.01	0.10	0.02	-0.39	-0.37	2.01e-03	-0.09
		733	21.44	19.97	0.26	19.96	0.28	0.49	0.18	-0.19	-0.18	0.16	-0.08
		732	21.01	19.35	0.25	19.31	0.29	0.89	0.28	-0.25	-0.16	0.19	-0.20
2045	1	2148	3.66	2.00	0.01	1.99	0.02	0.06	0.10	-0.29	-0.20	-2.56e-04	-0.17
		2147	3.77	2.31	0.02	2.31	0.02	0.02	0.06	-0.26	-0.20	1.53e-04	-0.13
		732	14.42	12.99	-0.04	12.98	-0.03	-0.48	0.44	-0.03	-3.60e-03	0.41	-0.11
		731	13.61	12.20	-0.04	12.17	-0.02	-0.58	0.48	-0.06	3.95e-03	0.42	-0.18
2045	2	2148	13.27	0.12	-8.04	-7.85	-0.07	1.23	0.41	-1.15	-0.74	3.80e-03	-0.69
		2147	20.98	-9.36e-03	-15.56	-15.52	-0.04	0.73	0.23	-1.08	-0.85	5.60e-03	-0.49
		732	51.37	47.76	0.65	47.63	0.77	2.45	0.31	-0.83	-0.53	0.02	-0.50
		731	48.68	44.27	0.52	43.97	0.82	3.61	0.62	-0.94	-0.45	0.13	-0.73
2045	3	2148	1.91	0.50	-0.03	0.47	3.74e-03	0.12	0.06	-0.20	-0.14	2.07e-04	-0.11
		2147	1.33	0.06	-0.07	-0.02	6.84e-03	0.06	0.04	-0.19	-0.15	5.16e-04	-0.08
		732	10.09	9.02	0.05	9.02	0.05	0.03	0.32	-0.02	-5.66e-03	0.30	-0.07
		731	9.58	8.45	0.05	8.45	0.05	0.08	0.36	-0.04	3.17e-03	0.31	-0.12
2045	4	2148	4.69	0.06	-2.53	-2.44	-0.02	0.47	0.16	-0.46	-0.30	1.41e-03	-0.27
		2147	7.52	2.31e-03	-5.31	-5.30	-0.01	0.27	0.09	-0.43	-0.34	2.13e-03	-0.19
		732	20.99	19.33	0.24	19.29	0.28	0.90	0.27	-0.24	-0.16	0.19	-0.19
		731	19.93	17.97	0.20	17.87	0.30	1.32	0.39	-0.29	-0.13	0.23	-0.29
2046	1	2149	3.77	1.71	0.01	1.71	0.01	0.09	0.15	-0.34	-0.19	-9.63e-04	-0.23
		2148	3.73	2.00	0.02	2.00	0.02	0.05	0.11	-0.31	-0.19	3.32e-05	-0.18
		731	13.61	12.19	-0.05	12.17	-0.02	-0.58	0.48	-0.06	2.47e-03	0.42	-0.17
		730	12.54	11.15	-0.05	11.11	-9.07e-03	-0.66	0.52	-0.10	0.01	0.42	-0.24
2046	2	2149	13.54	4.05	-0.78	3.35	-0.08	1.70	0.59	-1.18	-0.59	1.97e-03	-0.84
		2148	13.26	0.14	-7.92	-7.74	-0.04	1.19	0.43	-1.16	-0.74	5.77e-03	-0.71
		731	48.64	44.18	0.48	43.87	0.79	3.66	0.61	-0.94	-0.46	0.13	-0.71
		730	44.38	38.88	0.22	38.26	0.84	4.85	0.91	-0.96	-0.34	0.29	-0.88
2046	3	2149	2.72	1.27	-0.02	1.24	2.31e-03	0.17	0.10	-0.23	-0.13	-2.39e-04	-0.15
		2148	1.99	0.51	-0.02	0.48	7.11e-03	0.11	0.07	-0.21	-0.14	4.75e-04	-0.12
		731	9.57	8.45	0.05	8.45	0.05	0.08	0.35	-0.04	1.85e-03	0.31	-0.12
		730	8.82	7.61	0.06	7.61	0.06	0.13	0.39	-0.05	0.02	0.32	-0.16
2046	4	2149	5.57	1.94	-0.24	1.73	-0.03	0.65	0.23	-0.47	-0.25	6.31e-04	-0.33
		2148	4.72	0.07	-2.48	-2.40	-9.37e-03	0.45	0.17	-0.47	-0.30	2.17e-03	-0.28
		731	19.90	17.94	0.19	17.84	0.29	1.33	0.38	-0.29	-0.14	0.23	-0.28
		730	18.21	15.85	0.11	15.66	0.31	1.76	0.50	-0.30	-0.09	0.29	-0.35
2047	1	2150	4.11	1.48	3.90e-03	1.47	0.01	0.11	0.21	-0.40	-0.19	-2.73e-03	-0.29
		2149	3.86	1.72	0.01	1.71	0.02	0.07	0.17	-0.35	-0.19	-4.20e-04	-0.24
		730	12.54	11.14	-0.05	11.10	-0.01	-0.66	0.51	-0.09	9.82e-03	0.42	-0.22
		729	11.22	9.85	-0.06	9.80	-1.82e-03	-0.73	0.56	-0.14	0.02	0.40	-0.29
2047	2	2150	24.35	18.31	-0.35	18.06	-0.09	2.17	0.73	-1.13	-0.39	-2.39e-03	-0.91
		2149	13.68	4.16	-0.68	3.51	-0.03	1.65	0.62	-1.19	-0.57	5.44e-03	-0.86
		730	44.34	38.76	0.15	38.12	0.79	4.91	0.89	-0.96	-0.36	0.28	-0.87
		729	38.62	31.77	-0.35	30.57	0.85	6.09	1.15	-0.87	-0.20	0.47	-0.95
2047	3	2150	3.74	2.32	-0.02	2.30	9.10e-04	0.22	0.13	-0.25	-0.11	-1.34e-03	-0.18
		2149	2.80	1.28	-0.01	1.26	7.50e-03	0.15	0.11	-0.24	-0.13	2.56e-04	-0.16
		730	8.81	7.60	0.05	7.60	0.05	0.13	0.38	-0.05	0.01	0.32	-0.15
		729	7.81	6.50	0.06	6.49	0.06	0.18	0.43	-0.06	0.03	0.33	-0.19
2047	4	2150	9.79	7.31	-0.12	7.22	-0.03	0.83	0.29	-0.46	-0.17	-1.24e-03	-0.37
		2149	5.67	1.99	-0.20	1.79	-7.17e-03	0.62	0.24	-0.48	-0.24	1.99e-03	-0.34
		730	18.19	15.81	0.09	15.60	0.29	1.78	0.48	-0.30	-0.10	0.28	-0.34
		729	15.90	13.03	-0.07	12.65	0.32	2.20	0.59	-0.27	-0.03	0.35	-0.39
2048	1	2151	4.82	1.32	-7.03e-03	1.31	8.37e-03	0.14	0.28	-0.49	-0.21	-6.16e-03	-0.37
		2150	4.21	1.49	0.01	1.48	0.02	0.10	0.22	-0.41	-0.18	-2.43e-03	-0.30
		729	11.23	9.84	-0.06	9.79	-9.12e-03	-0.73	0.55	-0.13	0.02	0.40	-0.28
		728	9.64	8.31	-0.07	8.23	5.97e-03	-0.80	0.59	-0.21	0.03	0.36	-0.36
2048	2	2151	39.96	36.44	-0.25	36.24	-0.06	2.64	0.81	-1.02	-0.20	-0.01	-0.91
		2150	24.47	18.51	-0.29	18.27	-0.04	2.11	0.76	-1.13	-0.37	2.37e-03	-0.93
		729	38.63	31.63	-0.45	30.39	0.79	6.18	1.11	-0.88	-0.23	0.46	-0.93
		728	31.87	23.28	-1.55	20.92	0.81	7.28	1.30	-0.69	-0.02	0.63	-0.94



2048	3	2151	5.08	3.68	-0.02	3.66	1.88e-03	0.27	0.17	-0.28	-0.11	-3.59e-03	-0.22
		2150	3.80	2.34	-0.01	2.32	6.97e-03	0.20	0.15	-0.26	-0.11	-7.94e-04	-0.19
		729	7.80	6.48	0.05	6.47	0.06	0.19	0.42	-0.06	0.03	0.33	-0.18
		728	6.58	5.11	0.05	5.10	0.07	0.24	0.45	-0.07	0.05	0.33	-0.22
2048	4	2151	15.68	14.08	-0.09	14.01	-0.02	1.01	0.33	-0.43	-0.10	-5.00e-03	-0.38
		2150	9.86	7.38	-0.10	7.30	-0.01	0.80	0.31	-0.47	-0.17	6.26e-04	-0.38
		729	15.88	12.97	-0.10	12.58	0.29	2.24	0.58	-0.27	-0.05	0.35	-0.37
		728	13.14	9.61	-0.44	8.86	0.30	2.64	0.65	-0.21	0.03	0.41	-0.39
2049	1	2152	6.16	1.24	-0.03	1.22	-0.01	0.17	0.38	-0.65	-0.26	-4.45e-03	-0.50
		2151	4.96	1.33	0.02	1.32	0.03	0.12	0.29	-0.51	-0.21	-0.01	-0.39
		728	9.65	8.29	-0.09	8.22	-0.02	-0.79	0.58	-0.19	0.02	0.37	-0.34
		727	8.61	6.54	-0.09	6.42	0.02	-0.86	0.59	-0.37	-2.77e-03	0.22	-0.46
2049	2	2152	59.65	58.00	0.16	57.83	0.33	3.14	0.84	-0.89	-0.04	-0.01	-0.87
		2151	40.16	36.69	-0.42	36.51	-0.25	2.55	0.85	-1.04	-0.17	-0.02	-0.94
		728	31.87	23.21	-1.58	20.71	0.93	7.47	1.25	-0.69	-0.08	0.64	-0.90
		727	25.67	14.31	-4.57	9.31	0.43	8.33	1.28	-0.51	0.12	0.65	-0.85
2049	3	2152	6.90	5.34	5.77e-03	5.32	0.03	0.32	0.22	-0.34	-0.12	-3.83e-03	-0.27
		2151	5.14	3.70	-0.02	3.69	-5.17e-03	0.25	0.18	-0.29	-0.10	-6.86e-03	-0.23
		728	6.56	5.09	0.05	5.08	0.07	0.26	0.44	-0.07	0.04	0.33	-0.21
		727	5.25	3.46	0.02	3.43	0.04	0.29	0.44	-0.12	0.05	0.27	-0.26
2049	4	2152	23.14	22.16	0.06	22.09	0.13	1.20	0.35	-0.41	-0.05	-5.69e-03	-0.38
		2151	15.77	14.18	-0.15	14.11	-0.09	0.97	0.35	-0.45	-0.09	-8.42e-03	-0.39
		728	13.12	9.57	-0.45	8.78	0.35	2.71	0.63	-0.21	1.00e-02	0.41	-0.37
		727	10.51	5.88	-1.43	4.29	0.17	3.02	0.64	-0.17	0.08	0.40	-0.37
2050	1	2153	8.01	1.19	-0.18	1.17	-0.16	0.17	0.59	-0.82	-0.27	0.04	-0.69
		2152	7.00	1.27	0.09	1.25	0.12	0.16	0.40	-0.80	-0.33	-0.07	-0.58
		727	8.42	6.50	-0.19	6.39	-0.08	-0.85	0.59	-0.26	0.06	0.27	-0.41
		726	9.17	4.60	-0.10	4.41	0.08	-0.92	0.44	-0.85	-0.20	-0.21	-0.64
2050	2	2153	82.84	83.25	2.92	83.05	3.13	4.02	0.97	-0.62	0.26	0.09	-0.79
		2152	61.36	58.23	-1.91	58.08	-1.76	3.00	0.90	-1.14	-0.11	-0.13	-1.02
		727	24.76	15.38	-3.34	9.26	2.78	8.78	1.23	-0.37	0.15	0.72	-0.75
		726	23.42	4.74	-12.72	-5.12	-2.87	8.66	0.83	-0.71	-0.02	0.14	-0.77
2050	3	2153	9.05	7.32	0.17	7.30	0.19	0.39	0.31	-0.41	-0.11	0.02	-0.35
		2152	7.27	5.37	-0.11	5.35	-0.10	0.30	0.23	-0.42	-0.15	-0.04	-0.32
		727	4.96	3.45	0.16	3.42	0.20	0.33	0.43	-0.07	0.07	0.29	-0.23
		726	4.39	1.48	-0.25	1.43	-0.20	0.29	0.33	-0.33	-0.04	0.05	-0.33
2050	4	2153	31.54	31.63	1.09	31.56	1.17	1.54	0.42	-0.35	0.04	0.03	-0.38
		2152	23.82	22.25	-0.71	22.19	-0.65	1.14	0.38	-0.52	-0.09	-0.05	-0.45
		727	10.03	6.22	-0.92	4.27	1.04	3.19	0.63	-0.10	0.10	0.43	-0.32
		726	9.40	1.90	-4.37	-1.39	-1.07	3.13	0.45	-0.29	0.01	0.15	-0.37
2051	1	2082	14.76	0.76	-1.15	0.74	-1.13	-0.19	1.86	-0.62	1.52	-0.28	-0.85
		2153	14.26	1.58	0.49	1.38	0.69	0.42	0.78	-1.69	-0.97	0.06	-1.12
		726	10.34	4.44	-0.39	4.20	-0.15	-1.05	0.59	-0.70	0.19	-0.30	-0.60
		725	8.21	2.66	-0.37	2.28	0.01	-1.01	-0.44	-1.33	-0.73	-1.05	-0.42
2051	2	2082	150.32	139.21	24.31	131.60	31.92	28.57	4.10	-0.28	4.07	-0.25	-0.37
		2153	92.01	76.85	-16.70	76.29	-16.13	-7.25	1.19	-2.31	-1.09	-0.02	-1.67
		726	38.20	22.85	-13.41	4.24	5.20	18.12	1.02	-0.36	0.61	0.05	-0.63
		725	48.13	2.33	-45.88	-44.38	0.83	-8.35	-0.85	-1.47	-0.90	-1.42	0.17
2051	3	2082	15.66	11.57	1.62	11.03	2.16	2.26	1.02	-0.31	0.87	-0.16	-0.42
		2153	11.69	6.85	-1.07	6.83	-1.04	-0.43	0.43	-0.87	-0.47	0.03	-0.59
		726	4.97	2.57	-0.09	2.11	0.37	1.01	0.38	-0.24	0.15	-3.11e-03	-0.30
		725	5.51	0.48	-3.09	-2.68	0.07	-1.14	-0.19	-0.56	-0.32	-0.44	-0.17
2051	4	2082	57.06	52.66	9.10	49.80	11.95	10.78	1.66	-0.19	1.62	-0.15	-0.28
		2153	35.66	29.23	-6.23	29.02	-6.03	-2.70	0.55	-1.05	-0.51	6.85e-03	-0.76
		726	14.83	8.73	-4.65	2.12	1.95	6.69	0.51	-0.13	0.27	0.10	-0.31
		725	18.38	0.95	-17.14	-16.51	0.32	-3.31	-0.37	-0.55	-0.37	-0.55	-7.63e-04
2052	1	2051	11.89	1.17	-2.32	1.16	-2.31	-0.22	1.16	-0.54	1.16	-0.54	-0.04
		180	18.31	2.48	-4.39	1.21	-3.12	-2.67	2.42	0.27	1.67	1.02	-1.03
		181	4.64	0.21	-1.17	-0.28	-0.68	-0.66	0.24	-0.50	0.24	-0.50	-0.04
		947	10.41	2.81	-0.24	2.44	0.13	1.00	-0.22	-1.62	-0.78	-1.06	0.69
2052	2	2051	93.17	83.54	50.47	81.94	52.07	-7.09	3.93	-0.98	3.57	-0.62	-1.28
		180	61.04	29.08	-18.83	27.40	-17.15	8.81	5.02	-1.31	2.00	1.71	-3.16
		181	67.43	26.42	-35.37	-8.25	-0.70	30.66	1.31	-1.55	0.63	-0.87	-1.22
		947	32.74	5.43	-26.74	-21.80	0.49	11.60	-0.98	-1.72	-1.02	-1.68	0.15
2052	3	2051	10.59	7.17	3.19	7.07	3.30	-0.65	0.68	-0.31	0.67	-0.30	-0.05
		180	10.48	2.75	-2.84	2.73	-2.82	-0.36	1.37	0.13	0.92	0.58	-0.60
		181	5.37	1.61	-2.78	-0.82	-0.35	2.18	0.18	-0.29	0.17	-0.27	-0.08
		947	6.44	1.16	-1.79	-0.73	0.10	1.41	-0.11	-0.75	-0.39	-0.47	0.32
2052	4	2051	35.33	31.59	18.82	31.00	19.41	-2.68	1.49	-0.43	1.39	-0.33	-0.42
		180	23.09	11.00	-7.49	10.49	-6.97	3.04	2.14	-0.34	1.02	0.78	-1.23
		181	25.09	9.78	-13.32	-3.18	-0.35	11.46	0.50	-0.60	0.28	-0.38	-0.43
		947	13.38	2.25	-9.95	-7.91	0.21	4.55	-0.37	-0.75	-0.46	-0.66	0.16
2053	1	31	26.82	0.67	-26.31	0.62	-26.26	1.13	0.35	0.20	0.35	0.20	2.98e-03
		2080	33.21	-0.76	-33.08	-0.77	-33.07	0.57	0.07	-0.02	-0.02	0.07	-9.70e-05
		2075	30.36	0.38	-28.98	0.38	-28.98	-0.05	0.24	-0.03	0.01	0.20	0.10
		16	25.83	-0.19	-25.57	-0.36	-25.40	2.08	0.44	0.17	0.42	0.18	0.07
2053	2	31	138.85	2.07	-135.74	1.77	-135.44	-6.42	2.84	-1.26	0.82	0.76	-2.05



		2080	70.40	-1.16	-64.87	-1.16	-64.87	-0.47	2.11	-1.62	-0.09	0.57	-1.83
		2075	89.76	0.44	-83.02	0.40	-82.98	-1.93	2.01	-0.96	0.05	1.00	-1.41
		16	125.74	-0.25	-124.44	-0.28	-124.41	-1.86	2.40	-0.72	1.04	0.64	-1.54
2053	3	31	22.73	0.40	-22.29	0.40	-22.29	-0.10	0.37	0.06	0.27	0.16	-0.15
		2080	19.24	-0.41	-18.91	-0.41	-18.91	0.19	0.17	-0.12	-0.02	0.07	-0.14
		2075	19.86	0.19	-18.85	0.19	-18.85	-0.19	0.18	-0.02	9.45e-03	0.16	-0.07
		16	21.06	-0.16	-21.04	-0.18	-21.02	0.65	0.36	0.10	0.31	0.14	-0.10
2053	4	31	55.92	0.84	-54.73	0.74	-54.64	-2.34	1.13	-0.39	0.41	0.33	-0.76
		2080	30.27	-0.52	-28.33	-0.52	-28.33	-0.12	0.79	-0.61	-0.04	0.21	-0.69
		2075	37.47	0.21	-34.86	0.19	-34.84	-0.74	0.75	-0.34	0.02	0.39	-0.51
		16	50.79	-0.15	-50.36	-0.15	-50.36	-0.51	0.97	-0.20	0.49	0.28	-0.58
2054	1	2154	8.65	1.84e-03	-8.01	-1.58e-04	-8.01	0.13	0.30	-0.30	-1.51e-03	6.03e-03	0.30
		273	14.88	-0.03	-14.01	-0.04	-14.00	-0.44	0.51	-0.18	0.20	0.13	0.35
		106	13.16	-0.02	-12.27	-0.03	-12.26	-0.35	0.63	-0.14	0.33	0.16	0.37
		2155	9.38	0.01	-8.35	9.44e-03	-8.35	0.15	0.36	-0.29	-6.90e-03	0.08	0.32
2054	2	2154	96.58	-0.05	-96.41	-0.05	-96.41	-0.17	0.29	-0.27	-5.12e-03	0.02	-0.28
		273	44.71	1.73	-43.55	0.34	-42.15	-7.82	0.47	-0.12	0.14	0.21	-0.30
		106	38.71	3.31	-36.06	0.95	-33.70	-9.35	0.39	-0.03	0.22	0.13	-0.20
		2155	83.06	-0.13	-82.67	-0.13	-82.67	-0.50	0.29	-0.20	0.01	0.08	-0.24
2054	3	2154	11.91	-3.35e-03	-11.81	-3.41e-03	-11.81	0.03	0.08	-0.06	-1.11e-03	0.01	0.07
		273	9.90	0.10	-9.59	0.02	-9.51	-0.90	0.22	0.05	0.18	0.10	0.07
		106	8.60	0.19	-8.24	0.07	-8.12	-1.00	0.27	0.05	0.22	0.10	0.10
		2155	10.89	-8.61e-03	-10.63	-8.62e-03	-10.63	7.26e-03	0.09	-0.05	-7.66e-04	0.04	0.07
2054	4	2154	38.12	-0.02	-38.00	-0.02	-38.00	-0.06	0.11	-0.10	-2.18e-03	0.02	-0.10
		273	18.87	0.64	-18.37	0.13	-17.85	-3.08	0.26	0.02	0.16	0.12	-0.11
		106	16.37	1.21	-15.33	0.36	-14.47	-3.66	0.23	0.05	0.19	0.09	-0.08
		2155	32.86	-0.05	-32.65	-0.05	-32.65	-0.19	0.12	-0.07	4.94e-03	0.04	-0.10
2055	1	11	25.38	-6.70	-27.53	-6.79	-27.44	1.36	-0.06	-0.10	-0.06	-0.10	3.87e-03
		2070	36.74	-6.34	-39.15	-6.94	-38.55	4.41	0.11	7.93e-03	0.03	0.08	0.04
		2080	33.57	4.21	-31.05	4.02	-30.86	-2.57	0.06	-0.13	-0.01	-0.06	0.09
		31	29.95	2.14	-28.71	1.88	-28.46	2.78	0.29	0.15	0.29	0.15	0.01
2055	2	11	140.58	-34.40	-151.09	-34.43	-151.06	1.72	1.76	-2.53	-0.31	-0.46	-2.14
		2070	58.64	-6.92	-50.76	-9.50	-48.18	10.33	2.10	-1.79	0.19	0.12	-1.95
		2080	67.59	7.45	-58.18	5.94	-56.67	-9.82	1.88	-1.64	-0.08	0.32	-1.75
		31	147.50	12.02	-139.54	11.88	-139.40	-4.53	2.57	-1.36	0.65	0.57	-1.96
2055	3	11	22.22	-5.68	-24.14	-5.71	-24.11	0.70	0.10	-0.22	-0.04	-0.08	-0.16
		2070	19.39	-3.18	-20.12	-3.62	-19.68	2.67	0.16	-0.07	0.03	0.07	-0.11
		2080	19.06	2.31	-17.50	2.13	-17.32	-1.89	0.06	-0.10	-0.01	-0.03	-0.08
		31	24.64	1.80	-23.54	1.78	-23.52	0.73	0.33	0.03	0.23	0.13	-0.14
2055	4	11	56.41	-13.89	-60.76	-13.90	-60.74	0.80	0.64	-0.94	-0.12	-0.18	-0.79
		2070	25.81	-3.35	-23.56	-4.38	-22.54	4.43	0.78	-0.63	0.07	0.08	-0.70
		2080	29.13	3.28	-25.54	2.70	-24.96	-4.04	0.65	-0.60	-0.03	0.08	-0.62
		31	59.52	4.78	-56.43	4.74	-56.39	-1.44	1.02	-0.44	0.33	0.25	-0.73
2056	1	16	25.75	0.21	-25.42	0.10	-25.31	1.70	0.48	0.19	0.45	0.23	0.10
		2075	29.75	-0.06	-28.94	-0.06	-28.94	0.18	0.17	-0.05	-9.89e-03	0.14	0.08
		2088	26.80	0.02	-25.56	0.02	-25.56	0.13	0.30	-0.11	-2.54e-03	0.19	0.18
		79	25.05	0.12	-24.42	-0.02	-24.28	1.86	0.56	0.11	0.46	0.21	0.18
2056	2	16	126.83	0.48	-124.76	0.38	-124.67	-3.49	2.51	-0.52	1.16	0.83	-1.51
		2075	88.90	-0.03	-82.79	-0.05	-82.78	-1.22	1.84	-1.03	-0.05	0.86	-1.36
		2088	101.07	-0.10	-95.04	-0.12	-95.02	-1.39	1.49	-0.49	6.30e-03	0.99	-0.86
		79	116.57	0.53	-115.31	0.51	-115.29	-1.58	1.89	-5.57e-03	1.18	0.70	-0.92
2056	3	16	21.22	0.07	-21.00	0.07	-21.00	0.36	0.36	0.14	0.33	0.18	-0.08
		2075	19.47	-0.03	-18.81	-0.03	-18.81	-0.04	0.15	-0.05	-8.07e-03	0.11	-0.08
		2088	19.45	-1.69e-03	-18.56	-1.96e-03	-18.56	-0.07	0.15	-8.50e-04	-4.14e-04	0.15	-8.06e-03
		79	19.97	0.05	-19.81	0.03	-19.80	0.57	0.34	0.16	0.34	0.16	-0.02
2056	4	16	51.23	0.18	-50.46	0.15	-50.44	-1.17	1.01	-0.11	0.54	0.36	-0.56
		2075	37.02	-0.02	-34.77	-0.02	-34.76	-0.45	0.69	-0.39	-0.02	0.32	-0.51
		2088	41.48	-0.04	-39.15	-0.04	-39.14	-0.52	0.56	-0.18	2.20e-03	0.38	-0.32
		79	47.20	0.19	-46.77	0.19	-46.76	-0.44	0.79	0.06	0.55	0.30	-0.34
2057	1	79	25.02	0.16	-24.41	0.02	-24.28	1.83	0.58	0.10	0.46	0.22	0.21
		2088	26.61	3.33e-03	-25.51	2.46e-03	-25.51	0.15	0.28	-0.10	-3.07e-03	0.18	0.17
		2074	23.13	-5.38e-03	-22.04	-6.39e-03	-22.04	0.15	0.37	-0.21	-2.14e-03	0.16	0.28
		15	24.18	0.14	-23.38	-3.78e-03	-23.23	1.85	0.62	9.89e-04	0.42	0.20	0.29
2057	2	79	116.61	0.44	-115.12	0.41	-115.09	-1.90	1.89	0.04	1.18	0.76	-0.90
		2088	101.04	-0.03	-95.24	-0.05	-95.22	-1.27	1.43	-0.51	-9.05e-03	0.93	-0.85
		2074	109.95	-0.05	-104.78	-0.06	-104.77	-1.14	0.96	-0.11	-0.02	0.86	-0.31
		15	106.67	0.44	-105.57	0.43	-105.57	-0.59	1.26	0.50	1.10	0.67	-0.32
2057	3	79	19.90	0.05	-19.79	0.04	-19.78	0.54	0.33	0.17	0.33	0.17	-3.46e-03
		2088	19.36	-2.55e-03	-18.55	-2.71e-03	-18.55	-0.05	0.14	-3.98e-03	-1.71e-03	0.13	-0.02
		2074	18.83	-7.41e-03	-18.06	-7.52e-03	-18.06	-0.04	0.15	-0.03	-1.69e-03	0.12	0.06
		15	18.74	0.05	-18.57	0.03	-18.55	0.65	0.33	0.13	0.31	0.15	0.06
2057	4	79	47.23	0.16	-46.69	0.16	-46.68	-0.57	0.79	0.09	0.55	0.33	-0.33
		2088	41.44	-0.01	-39.21	-0.02	-39.21	-0.48	0.54	-0.19	-3.49e-03	0.36	-0.32
		2074	44.58	-0.02	-42.58	-0.02	-42.58	-0.43	0.37	-0.04	-5.64e-03	0.33	-0.11
		15	43.33	0.16	-42.95	0.16	-42.95	-0.08	0.57	0.24	0.52	0.29	-0.12
2058	1	15	24.21	0.14	-23.39	-5.16e-03	-23.24	1.85	0.63	-0.01	0.42	0.21	0.31
		2074	23.04	0.01	-21.98	9.08e-03	-21.98	0.15	0.34	-0.19	-1.96e-03	0.15	0.26



		2081	19.43	-3.73e-03	-18.53	-4.87e-03	-18.53	0.15	0.38	-0.28	-2.77e-03	0.11	0.33
		37	23.19	0.12	-22.35	-0.02	-22.20	1.81	0.62	-0.10	0.34	0.18	0.35
2058	2	15	106.58	0.45	-105.37	0.44	-105.37	-0.70	1.24	0.53	1.08	0.68	-0.30
		2074	110.03	-0.07	-105.00	-0.08	-104.98	-1.13	0.95	-0.12	-0.01	0.84	-0.32
		2081	115.94	-0.03	-111.89	-0.04	-111.88	-0.95	0.69	-0.02	-2.71e-03	0.67	0.12
		37	97.07	0.38	-95.93	0.38	-95.93	0.48	0.91	0.48	0.84	0.56	0.16
2058	3	15	18.71	0.06	-18.55	0.03	-18.53	0.64	0.34	0.13	0.31	0.16	0.07
		2074	18.80	-2.47e-03	-18.06	-2.57e-03	-18.06	-0.04	0.14	-0.02	-1.41e-03	0.12	0.05
		2081	17.98	-4.99e-03	-17.37	-5.05e-03	-17.37	-0.03	0.17	-0.07	-1.10e-03	0.09	0.11
		37	17.52	0.05	-17.34	0.02	-17.31	0.72	0.34	0.07	0.27	0.14	0.11
2058	4	15	43.29	0.17	-42.86	0.17	-42.86	-0.12	0.56	0.25	0.51	0.30	-0.11
		2074	44.60	-0.02	-42.66	-0.03	-42.65	-0.42	0.37	-0.04	-4.31e-03	0.32	-0.12
		2081	46.61	-0.01	-45.03	-0.01	-45.03	-0.36	0.27	-9.90e-03	-1.08e-03	0.26	0.05
		37	39.54	0.14	-39.16	0.14	-39.16	0.32	0.44	0.23	0.42	0.25	0.06
2059	1	37	23.25	0.12	-22.36	-0.03	-22.21	1.81	0.63	-0.12	0.33	0.18	0.37
		2081	19.30	0.01	-18.47	0.01	-18.47	0.15	0.36	-0.26	-2.96e-03	0.10	0.30
		2076	15.70	1.29e-03	-15.20	2.69e-04	-15.20	0.12	0.33	-0.30	3.97e-03	0.04	0.31
		17	21.92	0.07	-21.30	-0.06	-21.16	1.69	0.52	-0.16	0.22	0.14	0.34
2059	2	37	96.98	0.39	-95.78	0.39	-95.77	0.39	0.88	0.47	0.80	0.55	0.17
		2081	115.95	-0.07	-112.07	-0.08	-112.06	-0.97	0.67	-1.60e-03	0.02	0.66	0.11
		2076	119.64	-0.03	-116.47	-0.04	-116.46	-0.79	0.73	-0.25	-0.02	0.50	0.41
		17	87.62	0.45	-86.44	0.43	-86.41	1.52	1.03	0.10	0.65	0.48	0.45
2059	3	37	17.52	0.05	-17.32	0.02	-17.30	0.71	0.34	0.06	0.27	0.14	0.13
		2081	17.94	-1.50e-03	-17.36	-1.56e-03	-17.36	-0.03	0.15	-0.06	4.00e-04	0.09	0.10
		2076	16.95	-3.57e-03	-16.53	-3.61e-03	-16.53	-0.03	0.16	-0.10	-2.14e-04	0.06	0.13
		17	16.28	0.05	-16.11	0.01	-16.08	0.76	0.32	0.03	0.22	0.12	0.13
2059	4	37	39.50	0.15	-39.09	0.15	-39.09	0.29	0.43	0.23	0.41	0.25	0.07
		2081	46.61	-0.02	-45.10	-0.03	-45.09	-0.36	0.26	5.92e-04	5.90e-03	0.26	0.04
		2076	47.79	-0.01	-46.54	-0.01	-46.54	-0.30	0.29	-0.09	-6.34e-03	0.20	0.16
		17	35.81	0.17	-35.42	0.16	-35.41	0.71	0.47	0.11	0.35	0.22	0.17
2060	1	17	21.95	0.07	-21.30	-0.07	-21.17	1.69	0.53	-0.17	0.22	0.14	0.35
		2076	15.60	0.02	-15.14	0.02	-15.14	0.13	0.31	-0.28	3.81e-03	0.03	0.29
		2086	12.67	4.64e-03	-12.28	4.01e-03	-12.28	0.09	0.23	-0.25	-1.95e-03	-0.02	0.24
		70	20.41	0.03	-20.17	-0.08	-20.06	1.50	0.39	-0.12	0.14	0.12	0.26
2060	2	17	87.52	0.48	-86.29	0.46	-86.27	1.49	1.05	0.08	0.65	0.48	0.48
		2076	119.73	-0.07	-116.63	-0.08	-116.62	-0.79	0.71	-0.22	-0.01	0.50	0.39
		2086	120.35	-0.04	-118.30	-0.04	-118.30	-0.59	0.73	-0.41	9.87e-03	0.32	0.55
		70	78.47	0.48	-77.26	0.39	-77.17	2.64	0.98	-0.26	0.37	0.36	0.62
2060	3	17	16.29	0.05	-16.10	0.02	-16.06	0.76	0.32	0.02	0.22	0.12	0.14
		2076	16.92	-3.31e-04	-16.52	-3.69e-04	-16.52	-0.03	0.15	-0.09	3.00e-04	0.06	0.11
		2086	15.84	-2.97e-03	-15.61	-3.00e-03	-15.61	-0.02	0.14	-0.10	6.13e-05	0.03	0.12
		70	15.00	0.05	-14.88	6.47e-03	-14.84	0.79	0.27	0.02	0.18	0.11	0.12
2060	4	17	35.77	0.19	-35.36	0.17	-35.35	0.70	0.48	0.09	0.35	0.22	0.18
		2076	47.82	-0.03	-46.59	-0.03	-46.59	-0.30	0.27	-0.08	-4.46e-03	0.20	0.14
		2086	47.85	-0.02	-47.02	-0.02	-47.02	-0.22	0.29	-0.15	3.56e-03	0.13	0.21
		70	32.19	0.19	-31.80	0.15	-31.76	1.13	0.44	-0.02	0.25	0.18	0.23
2061	1	70	20.46	0.04	-20.18	-0.07	-20.06	1.51	0.41	-0.14	0.15	0.13	0.27
		2086	12.59	0.02	-12.23	0.02	-12.23	0.09	0.21	-0.23	-5.01e-03	-0.02	0.22
		2077	10.47	0.01	-9.90	0.01	-9.90	0.04	0.08	-0.15	0.01	-0.08	0.11
		18	19.29	-0.05	-18.98	-0.13	-18.90	1.25	0.18	-0.06	0.03	0.09	0.12
2061	2	70	78.42	0.47	-77.18	0.38	-77.09	2.59	0.96	-0.27	0.34	0.35	0.61
		2086	120.33	-0.07	-118.41	-0.07	-118.40	-0.62	0.72	-0.38	0.02	0.31	0.53
		2077	118.98	-0.05	-117.52	-0.05	-117.52	-0.42	0.69	-0.50	-0.01	0.21	0.59
		18	69.26	0.70	-68.22	0.49	-68.02	3.75	0.91	-0.31	0.29	0.31	0.61
2061	3	70	15.01	0.05	-14.87	8.80e-03	-14.83	0.79	0.28	5.57e-03	0.18	0.11	0.13
		2086	15.80	1.07e-04	-15.60	7.76e-05	-15.60	-0.02	0.12	-0.09	4.68e-04	0.03	0.10
		2077	14.68	-1.73e-03	-14.64	-1.76e-03	-14.64	-0.02	0.09	-0.08	1.76e-03	4.12e-03	0.08
		18	13.76	0.05	-13.64	-9.16e-04	-13.59	0.81	0.20	0.03	0.14	0.09	0.08
2061	4	70	32.17	0.18	-31.77	0.14	-31.73	1.12	0.44	-0.03	0.23	0.17	0.23
		2086	47.83	-0.02	-47.06	-0.03	-47.05	-0.23	0.27	-0.14	9.29e-03	0.13	0.20
		2077	47.13	-0.02	-46.52	-0.02	-46.52	-0.16	0.27	-0.19	-5.59e-03	0.09	0.22
		18	28.56	0.27	-28.23	0.18	-28.15	1.55	0.42	-0.04	0.22	0.16	0.23
2062	1	18	19.28	-0.06	-18.97	-0.14	-18.89	1.23	0.18	-0.07	0.02	0.08	0.12
		2077	10.44	0.02	-9.87	0.02	-9.87	0.04	0.07	-0.13	0.01	-0.08	0.09
		2087	8.81	0.01	-8.34	0.01	-8.34	-0.02	0.02	-0.10	-2.97e-03	-0.08	-0.04
		75	18.11	-0.06	-17.63	-0.11	-17.58	0.92	0.16	-1.56e-03	0.06	0.10	-0.08
2062	2	18	69.21	0.74	-68.13	0.53	-67.92	3.79	0.96	-0.32	0.32	0.33	0.64
		2077	119.07	-0.07	-117.62	-0.07	-117.62	-0.42	0.66	-0.47	-0.02	0.21	0.55
		2087	114.20	-0.06	-113.66	-0.06	-113.66	-0.19	0.56	-0.45	0.03	0.09	0.51
		75	60.52	0.84	-59.63	0.42	-59.21	5.03	0.71	-0.43	0.07	0.21	0.56
2062	3	18	13.75	0.05	-13.63	1.79e-03	-13.58	0.81	0.21	0.02	0.14	0.09	0.09
		2077	14.66	1.02e-03	-14.63	9.83e-04	-14.63	-0.02	0.07	-0.06	2.11e-03	3.14e-03	0.07
		2087	13.71	-2.06e-03	-13.67	-2.10e-03	-13.67	-0.02	0.03	-0.03	1.05e-03	-5.80e-03	0.03
		75	12.53	0.05	-12.37	1.00e-03	-12.32	0.81	0.14	0.08	0.13	0.09	0.02
2062	4	18	28.53	0.29	-28.19	0.20	-28.11	1.56	0.44	-0.05	0.23	0.16	0.24
		2077	47.16	-0.03	-46.56	-0.03	-46.56	-0.16	0.25	-0.17	-8.97e-03	0.09	0.20
		2087	45.14	-0.02	-44.88	-0.02	-44.88	-0.07	0.22	-0.17	9.64e-03	0.04	0.19



		75	25.09	0.32	-24.82	0.16	-24.65	2.03	0.34	-0.08	0.13	0.12	0.21
2063	1	75	18.07	-0.04	-17.61	-0.09	-17.56	0.93	0.15	0.03	0.07	0.10	-0.06
		2087	8.78	0.01	-8.33	0.01	-8.33	-0.01	0.04	-0.12	-7.37e-03	-0.07	-0.07
		2078	8.29	0.02	-7.53	0.02	-7.53	-0.07	0.18	-0.24	9.36e-03	-0.07	-0.20
		19	16.86	-0.12	-16.17	-0.14	-16.15	0.65	0.30	-0.16	0.05	0.09	-0.23
2063	2	75	60.58	0.80	-59.61	0.38	-59.19	4.99	0.68	-0.41	0.05	0.21	0.54
		2087	114.14	-0.06	-113.69	-0.07	-113.69	-0.25	0.55	-0.44	0.03	0.07	0.50
		2078	107.41	-0.08	-106.94	-0.08	-106.94	-0.02	0.43	-0.39	-0.02	0.06	0.41
		19	52.17	1.40	-51.14	0.63	-50.37	6.31	0.58	-0.21	0.16	0.21	0.40
2063	3	75	12.52	0.06	-12.36	5.46e-03	-12.31	0.81	0.15	0.08	0.13	0.09	0.03
		2087	13.70	-4.12e-04	-13.67	-4.59e-04	-13.67	-0.03	0.01	-0.02	1.67e-04	-5.40e-03	0.02
		2078	12.74	-2.20e-03	-12.70	-2.25e-03	-12.70	-0.03	0.02	-0.03	1.25e-03	-5.89e-03	-0.02
		19	11.29	0.07	-11.07	7.08e-03	-11.00	0.84	0.16	0.06	0.13	0.08	-0.04
2063	4	75	25.11	0.31	-24.81	0.15	-24.64	2.02	0.33	-0.08	0.13	0.12	0.21
		2087	45.11	-0.02	-44.88	-0.02	-44.88	-0.10	0.21	-0.16	0.01	0.04	0.18
		2078	42.39	-0.03	-42.16	-0.03	-42.16	-8.72e-03	0.17	-0.15	-7.58e-03	0.03	0.16
		19	21.89	0.53	-21.44	0.24	-21.14	2.51	0.29	-5.35e-03	0.17	0.12	0.15
2064	1	19	16.84	-0.12	-16.15	-0.15	-16.13	0.62	0.29	-0.18	0.03	0.08	-0.23
		2078	8.41	0.02	-7.53	0.02	-7.53	-0.08	0.20	-0.26	0.01	-0.08	-0.22
		2083	8.39	0.01	-7.56	0.01	-7.56	-0.14	0.31	-0.31	2.88e-03	-9.48e-03	-0.31
		50	15.48	-0.06	-14.53	-0.07	-14.52	0.35	0.53	-0.25	0.16	0.12	-0.39
2064	2	19	52.21	1.44	-51.12	0.65	-50.33	6.40	0.62	-0.24	0.16	0.22	0.43
		2078	107.38	-0.07	-106.98	-0.07	-106.98	-0.01	0.40	-0.36	-0.01	0.05	0.38
		2083	96.65	-0.09	-96.47	-0.09	-96.47	0.28	0.34	-0.27	0.02	0.04	0.30
		50	44.95	1.89	-43.48	0.49	-42.09	7.84	0.42	-0.18	0.10	0.15	0.30
2064	3	19	11.27	0.07	-11.05	8.27e-03	-10.99	0.83	0.14	0.07	0.13	0.08	-0.03
		2078	12.77	-8.51e-05	-12.70	-1.37e-04	-12.70	-0.03	0.04	-0.04	2.82e-03	-9.00e-03	-0.04
		2083	11.76	-4.82e-03	-11.69	-4.86e-03	-11.69	-0.02	0.07	-0.06	2.74e-03	0.01	-0.06
		50	10.06	0.10	-9.74	0.02	-9.66	0.87	0.23	0.03	0.16	0.09	-0.09
2064	4	19	21.90	0.54	-21.42	0.24	-21.12	2.55	0.31	-0.02	0.17	0.12	0.16
		2078	42.37	-0.02	-42.17	-0.02	-42.17	-6.49e-03	0.15	-0.13	-5.02e-03	0.03	0.14
		2083	38.16	-0.04	-38.03	-0.04	-38.03	0.10	0.14	-0.10	8.76e-03	0.03	0.12
		50	18.95	0.70	-18.35	0.19	-17.83	3.09	0.23	7.25e-03	0.14	0.10	0.11
2065	1	50	15.43	-0.04	-14.48	-0.05	-14.47	0.36	0.54	-0.22	0.19	0.14	-0.38
		2083	8.42	2.44e-03	-7.62	-4.81e-05	-7.61	-0.14	0.33	-0.33	-1.47e-03	5.17e-03	-0.33
		2079	9.33	0.01	-8.15	0.01	-8.14	-0.16	0.40	-0.32	-7.73e-03	0.09	-0.35
		20	13.67	-0.03	-12.73	-0.04	-12.73	0.26	0.66	-0.17	0.33	0.17	-0.41
2065	2	50	44.71	1.73	-43.55	0.34	-42.15	7.82	0.47	-0.12	0.14	0.21	0.30
		2083	96.58	-0.05	-96.41	-0.05	-96.41	0.17	0.29	-0.27	-5.21e-03	0.02	0.28
		2079	83.07	-0.13	-82.67	-0.13	-82.67	0.50	0.29	-0.19	0.01	0.08	0.24
		20	38.71	3.31	-36.06	0.95	-33.70	9.35	0.39	-0.03	0.22	0.13	0.20
2065	3	50	10.06	0.09	-9.73	0.01	-9.65	0.87	0.23	0.04	0.18	0.10	-0.09
		2083	11.80	-3.30e-03	-11.69	-3.38e-03	-11.69	-0.03	0.08	-0.07	-1.11e-03	0.01	-0.08
		2079	10.85	-8.10e-03	-10.57	-8.11e-03	-10.57	-0.01	0.10	-0.06	-9.74e-04	0.04	-0.08
		20	8.75	0.18	-8.37	0.06	-8.26	0.97	0.28	0.04	0.22	0.10	-0.11
2065	4	50	18.87	0.64	-18.37	0.13	-17.85	3.08	0.26	0.02	0.16	0.12	0.11
		2083	38.12	-0.02	-38.00	-0.02	-38.00	0.06	0.11	-0.10	-2.22e-03	0.02	0.10
		2079	32.86	-0.05	-32.65	-0.05	-32.65	0.19	0.12	-0.07	5.08e-03	0.04	0.10
		20	16.37	1.21	-15.33	0.36	-14.47	3.66	0.23	0.05	0.19	0.09	0.08
2066	1	20	13.66	-3.07e-04	-12.71	-5.08e-03	-12.70	0.25	0.62	-0.17	0.29	0.17	-0.39
		2079	9.33	-6.85e-03	-8.18	-9.81e-03	-8.17	-0.16	0.41	-0.36	-7.64e-03	0.06	-0.38
		2085	10.17	0.01	-8.94	9.75e-03	-8.93	-0.20	0.39	-0.19	0.03	0.17	-0.28
		61	11.74	-0.03	-10.83	-0.03	-10.82	0.26	0.68	-0.12	0.39	0.16	-0.38
2066	2	20	38.72	3.37	-36.26	0.82	-33.72	9.71	0.37	-0.08	0.14	0.15	0.22
		2079	82.57	-0.08	-82.57	-0.08	-82.56	0.51	0.17	-0.17	-8.09e-03	3.21e-03	0.17
		2085	65.82	-0.09	-63.89	-0.10	-63.88	0.87	0.72	-0.21	0.13	0.38	0.45
		61	34.66	4.59	-30.34	0.52	-26.28	11.20	0.66	0.12	0.59	0.19	0.18
2066	3	20	8.78	0.18	-8.37	0.07	-8.25	0.99	0.26	0.05	0.21	0.10	-0.09
		2079	10.79	-9.12e-03	-10.57	-9.13e-03	-10.57	-8.69e-03	0.11	-0.09	-3.27e-03	0.03	-0.10
		2085	9.60	-6.09e-03	-9.11	-6.09e-03	-9.11	6.65e-03	0.11	2.17e-03	0.02	0.09	-0.04
		61	7.46	0.21	-7.05	0.03	-6.88	1.13	0.32	0.06	0.27	0.10	-0.10
2066	4	20	16.37	1.23	-15.39	0.31	-14.48	3.80	0.22	0.04	0.16	0.10	0.09
		2079	32.66	-0.03	-32.61	-0.03	-32.61	0.19	0.07	-0.06	-3.40e-03	9.83e-03	0.06
		2085	26.19	-0.03	-25.40	-0.04	-25.39	0.32	0.29	-0.08	0.05	0.15	0.18
		61	14.58	1.65	-12.91	0.20	-11.45	4.37	0.35	0.09	0.33	0.11	0.07
2067	1	61	11.85	0.04	-10.74	0.04	-10.74	0.18	0.81	6.66e-03	0.56	0.26	-0.37
		2085	10.65	-9.02e-03	-9.06	-0.01	-9.05	-0.20	0.39	-0.25	-0.05	0.18	-0.30
		2072	11.34	-0.02	-9.66	-0.02	-9.66	-0.15	0.35	-0.04	0.02	0.28	-0.14
		13	9.91	0.24	-8.75	0.20	-8.71	0.55	0.66	0.17	0.61	0.22	-0.15
2067	2	61	37.24	4.79	-30.38	0.65	-26.24	11.33	2.03	0.77	1.90	0.91	0.38
		2085	68.10	-0.09	-63.87	-0.10	-63.87	0.73	0.42	-0.81	-0.72	0.33	0.32
		2072	42.62	-0.08	-40.83	-0.12	-40.80	1.24	0.89	-0.05	0.70	0.13	0.38
		13	36.57	7.78	-25.56	1.10	-18.87	13.35	0.15	-1.34	-0.76	-0.43	0.73
2067	3	61	7.58	0.24	-7.02	0.07	-6.84	1.11	0.45	0.17	0.43	0.19	-0.08
		2085	9.92	-0.01	-9.15	-0.01	-9.15	-6.12e-03	0.11	-0.09	-0.07	0.09	-0.06
		2072	7.75	-0.02	-7.29	-0.02	-7.29	0.05	0.11	0.06	0.06	0.11	-3.26e-03
		13	6.46	0.48	-5.75	0.15	-5.42	1.40	0.24	0.07	0.23	0.07	0.01



2067	4	61	15.57	1.73	-12.92	0.25	-11.44	4.42	0.87	0.34	0.82	0.38	0.15
		2085	27.03	-0.03	-25.39	-0.04	-25.39	0.27	0.17	-0.30	-0.27	0.13	0.12
		2072	17.11	-0.03	-16.53	-0.05	-16.51	0.46	0.34	-0.02	0.26	0.06	0.15
		13	14.79	2.81	-10.82	0.42	-8.43	5.19	0.13	-0.42	-0.17	-0.12	0.28
2068	1	13	9.74	0.13	-8.71	0.10	-8.68	0.56	0.67	0.15	0.59	0.22	-0.18
		2072	11.25	-9.42e-03	-9.67	-0.01	-9.66	-0.14	0.32	-0.04	0.01	0.26	-0.13
		2084	11.85	-0.03	-9.42	-0.03	-9.42	-0.09	0.44	-0.06	-3.90e-03	0.38	0.15
		51	9.11	0.27	-6.80	0.16	-6.69	0.88	0.86	0.28	0.83	0.31	0.12
2068	2	13	31.88	8.30	-25.99	1.15	-18.83	13.94	0.02	-0.14	-0.02	-0.09	0.07
		2072	41.46	-0.33	-40.62	-0.36	-40.59	1.08	1.14	-0.55	0.35	0.24	0.84
		2084	19.68	0.66	-11.63	0.37	-11.34	1.87	1.27	-1.01	-0.60	0.86	0.87
		51	43.69	10.74	-22.74	0.50	-12.50	15.43	3.24	0.43	2.62	1.05	1.16
2068	3	13	6.29	0.48	-5.75	0.13	-5.40	1.45	0.29	0.09	0.29	0.10	-0.04
		2072	7.81	-0.03	-7.27	-0.03	-7.27	0.04	0.12	0.02	0.03	0.11	0.03
		2084	6.13	0.02	-4.65	0.02	-4.64	0.12	0.26	-0.10	-0.05	0.20	0.13
		51	6.99	0.69	-4.64	0.09	-4.05	1.68	0.63	0.17	0.58	0.22	0.14
2068	4	13	13.22	3.00	-10.97	0.44	-8.40	5.41	0.12	-4.38e-03	0.10	6.99e-03	0.04
		2072	16.79	-0.13	-16.44	-0.14	-16.43	0.40	0.43	-0.20	0.13	0.10	0.32
		2084	8.45	0.23	-5.30	0.14	-5.21	0.70	0.51	-0.39	-0.22	0.34	0.35
		51	17.42	3.90	-9.48	0.19	-5.77	5.99	1.33	0.21	1.11	0.44	0.45
2069	1	51	9.28	0.24	-6.78	0.11	-6.65	0.94	0.86	0.24	0.85	0.25	0.08
		2084	12.40	-0.04	-9.47	-0.04	-9.47	-0.13	0.53	-0.09	-8.62e-03	0.45	0.21
		2073	12.94	-0.02	-8.33	-0.02	-8.33	-0.03	0.94	-0.37	0.06	0.51	0.61
		14	12.32	0.75	-4.82	0.33	-4.41	1.46	1.57	0.15	1.25	0.47	0.59
2069	2	51	45.91	14.47	-23.61	3.25	-12.39	17.36	1.92	-0.58	1.09	0.24	1.17
		2084	15.92	-2.77	-10.96	-2.90	-10.83	1.03	1.39	-0.60	0.07	0.71	0.94
		2073	36.49	24.65	4.53	5.13	24.05	3.44	2.48	-1.39	0.36	0.73	1.93
		14	44.56	9.68	-21.12	-3.69	-7.75	15.26	2.60	-0.86	1.32	0.43	1.67
2069	3	51	7.09	0.99	-4.70	0.31	-4.01	1.85	0.51	0.09	0.47	0.14	0.13
		2084	5.99	-0.25	-4.62	-0.25	-4.62	0.04	0.30	-0.08	4.99e-03	0.22	0.15
		2073	4.43	0.45	-1.28	0.41	-1.24	0.26	0.53	-0.25	0.05	0.24	0.38
		14	8.16	0.81	-3.69	-0.19	-2.69	1.87	0.85	0.04	0.65	0.24	0.34
2069	4	51	18.22	5.32	-9.80	1.24	-5.71	6.71	0.83	-0.16	0.54	0.13	0.45
		2084	7.03	-1.06	-5.06	-1.10	-5.02	0.38	0.56	-0.23	0.03	0.30	0.37
		2073	13.71	8.60	1.69	1.94	8.35	1.29	0.99	-0.55	0.13	0.31	0.77
		14	17.75	3.54	-8.60	-1.38	-3.68	5.96	1.15	-0.25	0.67	0.23	0.66
2070	1	14	15.16	0.63	-4.87	0.18	-4.41	1.52	1.97	0.06	1.71	0.31	0.65
		2073	19.90	-0.12	-8.37	-0.12	-8.37	-0.01	1.73	-0.84	-0.35	1.24	1.01
		2082	18.63	-5.75e-04	-5.63	-3.33e-03	-5.63	-0.12	1.31	-1.63	0.65	-0.97	1.22
		38	17.00	2.28	-3.51	0.54	-1.77	2.65	2.45	0.53	2.14	0.85	0.71
2070	2	14	72.45	38.97	-22.20	4.42	12.35	30.33	3.93	-0.23	3.14	0.56	1.63
		2073	55.99	14.81	-33.58	-28.93	10.16	-14.26	3.53	-2.38	-0.91	2.06	2.56
		2082	126.63	113.92	29.47	53.78	89.61	38.24	3.92	-2.98	1.52	-0.58	3.29
		38	69.22	22.95	-30.17	22.58	-29.80	4.42	5.72	0.12	4.24	1.61	2.48
2070	3	14	11.05	2.87	-3.51	0.40	-1.05	3.11	1.11	0.04	0.96	0.19	0.37
		2073	9.87	-1.22	-3.57	-2.41	-2.38	-1.17	0.94	-0.49	-0.19	0.64	0.58
		2082	13.66	7.83	1.69	4.39	5.13	3.05	0.73	-0.87	0.34	-0.48	0.69
		38	11.88	2.39	-3.67	2.04	-3.32	1.41	1.42	0.28	1.23	0.47	0.43
2070	4	14	28.35	14.49	-8.91	1.66	3.92	11.64	1.69	-0.04	1.38	0.26	0.66
		2073	21.65	4.94	-12.77	-10.94	3.11	-5.39	1.47	-0.95	-0.36	0.88	1.04
		2082	47.74	42.65	11.02	20.33	33.35	14.41	1.50	-1.27	0.60	-0.36	1.30
		38	27.65	8.75	-11.81	8.57	-11.63	1.93	2.39	0.17	1.85	0.70	0.95
2071	1	38	19.20	2.55	-4.70	1.06	-3.21	2.93	2.53	0.28	1.74	1.07	1.07
		2082	12.23	0.58	-2.94	0.57	-2.93	0.17	1.21	-0.56	1.21	-0.55	0.04
		725	10.93	3.15	-0.20	2.81	0.14	-1.01	-0.24	-1.71	-0.83	-1.13	-0.72
		12	5.07	0.52	-1.46	-0.22	-0.72	0.95	0.25	-0.53	0.25	-0.52	0.04
2071	2	38	61.04	29.08	-18.83	27.40	-17.15	-8.82	5.02	-1.31	2.00	1.71	3.16
		2082	93.16	83.53	50.47	81.93	52.07	7.09	3.93	-0.98	3.57	-0.62	1.28
		725	32.74	5.45	-26.73	-21.79	0.51	-11.60	-0.98	-1.72	-1.02	-1.68	-0.15
		12	67.43	26.42	-35.37	-8.25	-0.70	-30.66	1.31	-1.55	0.63	-0.87	1.22
2071	3	38	10.70	2.72	-2.88	2.68	-2.84	0.44	1.40	0.13	0.94	0.59	0.61
		2082	10.59	6.99	3.01	6.89	3.11	0.63	0.69	-0.31	0.69	-0.31	0.06
		725	6.55	1.20	-1.72	-0.62	0.10	-1.41	-0.12	-0.78	-0.40	-0.49	-0.33
		12	5.25	1.53	-2.69	-0.80	-0.36	-2.09	0.18	-0.29	0.17	-0.28	0.08
2071	4	38	23.10	11.00	-7.49	10.49	-6.97	-3.04	2.14	-0.34	1.02	0.78	1.23
		2082	35.32	31.59	18.82	31.00	19.41	2.68	1.49	-0.43	1.39	-0.33	0.42
		725	13.38	2.25	-9.95	-7.91	0.21	-4.55	-0.37	-0.75	-0.46	-0.66	-0.16
		12	25.09	9.78	-13.32	-3.18	-0.35	-11.46	0.50	-0.60	0.28	-0.38	0.43
2072	1	2099	20.05	-0.41	-20.18	-0.41	-20.18	-0.14	0.02	-0.04	-0.02	1.24e-03	0.03
		31	26.97	0.40	-26.48	0.38	-26.47	0.67	0.25	0.17	0.25	0.17	-0.01
		16	25.40	-0.24	-25.34	-0.24	-25.34	-3.89e-03	0.21	0.03	0.14	0.10	0.09
		2094	21.87	0.20	-21.68	0.20	-21.68	0.28	0.09	-0.05	0.02	0.02	0.07
2072	2	2099	204.00	-4.84	-205.23	-4.92	-205.14	-4.18	1.79	-1.77	-0.09	0.12	-1.78
		31	139.42	5.05	-134.65	3.84	-133.44	-12.94	2.36	-1.68	0.13	0.55	-2.01
		16	130.97	0.11	-128.33	-2.52	-125.70	-18.20	1.37	-1.79	-0.55	0.14	-1.54
		2094	168.27	2.49	-166.08	2.49	-166.08	-0.26	1.43	-1.35	0.08	-3.49e-03	-1.39
2072	3	2099	25.73	-0.58	-25.91	-0.59	-25.90	-0.42	0.12	-0.13	-0.02	0.01	-0.12



		31	22.71	0.52	-22.22	0.49	-22.19	-0.83	0.32	-2.45e-04	0.18	0.14	-0.16
		16	21.20	-0.19	-21.22	-0.31	-21.10	-1.57	0.18	6.81e-03	0.11	0.08	-0.09
		2094	23.46	0.30	-23.15	0.30	-23.15	0.09	0.11	-0.07	0.01	0.03	-0.09
2072	4	2099	80.24	-1.90	-80.74	-1.93	-80.71	-1.61	0.66	-0.65	-0.04	0.04	-0.66
		31	56.04	1.94	-54.31	1.51	-53.89	-4.87	0.95	-0.55	0.15	0.25	-0.75
		16	52.66	-0.03	-51.79	-0.99	-50.84	-6.96	0.57	-0.58	-0.10	0.09	-0.57
		2094	66.67	0.97	-65.93	0.97	-65.93	-0.07	0.55	-0.50	0.03	0.02	-0.52
2073	1	2089	19.36	-3.18	-20.37	-3.67	-19.88	-2.85	0.13	-7.61e-03	0.02	0.10	-0.06
		11	26.18	-6.67	-28.38	-6.69	-28.36	-0.63	-0.02	-0.09	-0.02	-0.09	-6.44e-03
		31	28.89	2.05	-27.75	2.05	-27.75	-0.14	0.23	0.13	0.23	0.13	-0.02
		2099	20.39	2.41	-18.61	2.20	-18.39	2.12	0.01	-0.13	-0.02	-0.11	-0.06
2073	2	2089	241.56	-41.56	-254.92	-45.08	-251.40	-27.16	2.00	-1.86	0.09	0.05	-1.93
		11	134.65	-34.49	-141.83	-35.35	-140.98	-9.53	1.78	-2.37	-0.17	-0.41	-2.07
		31	163.03	13.41	-150.80	9.82	-147.20	-24.03	2.33	-1.93	0.02	0.39	-2.12
		2099	211.59	26.76	-193.99	25.78	-193.01	14.66	1.84	-1.99	-0.05	-0.10	-1.92
2073	3	2089	28.25	-4.89	-30.25	-5.38	-29.76	-3.50	0.23	-0.14	0.02	0.07	-0.18
		11	22.00	-5.69	-23.68	-5.75	-23.62	-1.07	0.12	-0.21	-0.02	-0.07	-0.16
		31	25.28	1.85	-24.08	1.67	-23.91	-2.12	0.31	-0.04	0.16	0.11	-0.17
		2099	26.30	3.28	-24.30	3.12	-24.14	2.13	0.15	-0.23	-0.01	-0.08	-0.19
2073	4	2089	94.30	-16.25	-99.75	-17.65	-98.36	-10.70	0.78	-0.69	0.04	0.05	-0.74
		11	54.20	-13.92	-57.31	-14.24	-56.99	-3.71	0.66	-0.89	-0.07	-0.17	-0.77
		31	65.25	5.29	-60.61	3.97	-59.30	-9.20	0.93	-0.65	0.10	0.18	-0.79
		2099	82.96	10.50	-76.27	10.10	-75.88	5.84	0.69	-0.79	-0.02	-0.07	-0.74
2074	1	2094	21.94	-0.02	-21.64	-0.02	-21.64	0.11	0.07	-0.12	-2.34e-03	-0.05	0.09
		16	25.69	7.49e-03	-25.33	3.17e-03	-25.33	0.33	0.22	0.08	0.16	0.14	0.07
		79	24.60	-0.02	-24.31	-0.02	-24.31	0.26	0.33	-0.09	0.14	0.11	0.21
		2107	23.18	6.12e-03	-23.01	4.76e-03	-23.01	0.18	0.17	-0.18	5.74e-03	-9.75e-03	0.17
2074	2	2094	167.34	-0.37	-165.79	-0.39	-165.78	-1.61	1.30	-1.44	2.46e-03	-0.15	-1.37
		16	129.53	2.37	-127.05	0.35	-125.02	-16.06	1.49	-1.67	-0.48	0.31	-1.53
		79	119.54	1.63	-117.81	-0.55	-115.63	-15.98	0.74	-1.19	-0.60	0.15	-0.89
		2107	137.05	0.21	-135.51	0.20	-135.50	-1.17	0.81	-0.94	0.02	-0.16	-0.87
2074	3	2094	23.24	-0.04	-23.10	-0.04	-23.10	-0.09	0.06	-0.09	-1.70e-03	-0.02	-0.07
		16	21.40	0.11	-21.10	0.04	-21.03	-1.25	0.21	0.02	0.12	0.11	-0.10
		79	20.14	0.03	-19.92	-0.05	-19.83	-1.29	0.11	0.09	0.11	0.09	-1.76e-03
		2107	21.03	0.02	-21.02	0.02	-21.02	-0.03	0.02	-0.01	3.20e-03	1.93e-03	-0.02
2074	4	2094	66.35	-0.15	-65.82	-0.15	-65.81	-0.60	0.48	-0.53	-2.83e-04	-0.05	-0.51
		16	52.14	0.86	-51.29	0.14	-50.57	-6.11	0.63	-0.54	-0.07	0.16	-0.57
		79	48.26	0.57	-47.68	-0.21	-46.89	-6.10	0.34	-0.35	-0.11	0.10	-0.33
		2107	54.82	0.08	-54.36	0.08	-54.35	-0.43	0.31	-0.34	8.07e-03	-0.04	-0.32
2075	1	2107	23.29	2.83e-03	-23.03	1.78e-03	-23.03	0.16	0.18	-0.20	1.29e-03	-0.02	0.19
		79	24.64	-1.78e-03	-24.27	-5.47e-03	-24.27	0.30	0.32	-0.06	0.14	0.12	0.19
		15	23.65	5.00e-03	-23.25	1.34e-03	-23.25	0.29	0.45	-0.16	0.17	0.12	0.30
		2093	24.60	7.75e-04	-24.44	-3.01e-04	-24.43	0.16	0.26	-0.25	3.60e-03	3.47e-03	0.26
2075	2	2107	136.76	0.06	-135.17	0.05	-135.16	-1.26	0.74	-0.93	2.20e-05	-0.19	-0.83
		79	120.00	1.90	-117.87	-0.25	-115.72	-15.91	0.83	-1.17	-0.56	0.22	-0.92
		15	110.64	1.62	-107.99	-0.44	-105.93	-14.89	0.28	-0.63	-0.52	0.17	-0.30
		2093	107.92	0.05	-106.76	0.04	-106.75	-1.10	0.29	-0.42	0.02	-0.16	-0.34
2075	3	2107	21.06	4.59e-03	-21.00	4.48e-03	-21.00	-0.05	3.11e-04	-9.91e-03	2.51e-04	-9.85e-03	-7.83e-04
		79	20.19	0.06	-19.90	-0.02	-19.82	-1.26	0.12	0.09	0.11	0.10	-0.02
		15	18.99	0.04	-18.66	-0.03	-18.58	-1.19	0.18	0.03	0.12	0.09	0.07
		2093	19.07	1.83e-03	-19.06	1.77e-03	-19.06	-0.03	0.05	-0.04	2.88e-03	1.62e-03	0.05
2075	4	2107	54.73	0.02	-54.23	0.02	-54.22	-0.47	0.28	-0.34	-1.25e-04	-0.06	-0.30
		79	48.44	0.68	-47.69	-0.09	-46.92	-6.07	0.38	-0.35	-0.10	0.13	-0.34
		15	44.75	0.58	-43.82	-0.16	-43.08	-5.69	0.15	-0.13	-0.09	0.11	-0.11
		2093	43.81	0.02	-43.45	0.01	-43.45	-0.41	0.11	-0.15	8.44e-03	-0.05	-0.13
2076	1	2093	24.66	-3.43e-03	-24.47	-4.48e-03	-24.47	0.16	0.28	-0.28	2.07e-03	1.85e-03	0.28
		15	23.62	0.02	-23.21	0.01	-23.21	0.30	0.44	-0.14	0.17	0.13	0.29
		37	22.66	0.03	-22.18	0.03	-22.18	0.24	0.57	-0.17	0.25	0.15	0.37
		2100	26.29	-6.26e-04	-25.82	-1.54e-03	-25.82	0.15	0.33	-0.28	2.68e-03	0.05	0.31
2076	2	2093	107.64	0.11	-106.49	0.09	-106.48	-1.10	0.25	-0.39	0.01	-0.16	-0.31
		15	110.82	1.64	-108.12	-0.44	-106.05	-14.95	0.31	-0.62	-0.49	0.19	-0.31
		37	101.50	1.46	-98.23	-0.45	-96.32	-13.66	0.29	-0.31	-0.25	0.23	0.18
		2100	80.83	0.05	-80.56	0.04	-80.55	-0.94	0.07	-0.11	3.58e-03	-0.04	0.09
2076	3	2093	19.06	6.49e-03	-19.04	6.43e-03	-19.04	-0.03	0.07	-0.06	1.51e-03	3.13e-04	0.06
		15	18.98	0.05	-18.65	-0.03	-18.57	-1.20	0.17	0.05	0.12	0.10	0.06
		37	17.79	0.05	-17.41	-0.03	-17.33	-1.12	0.26	5.81e-03	0.16	0.11	0.13
		2100	17.44	1.46e-03	-17.27	1.43e-03	-17.27	-0.02	0.11	-0.08	1.01e-03	0.02	0.09
2076	4	2093	43.70	0.04	-43.35	0.04	-43.34	-0.41	0.09	-0.13	4.14e-03	-0.05	-0.11
		15	44.81	0.59	-43.86	-0.16	-43.12	-5.71	0.17	-0.13	-0.08	0.12	-0.12
		37	41.14	0.52	-39.99	-0.17	-39.30	-5.24	0.16	-0.02	0.01	0.13	0.07
		2100	33.53	0.02	-33.49	0.01	-33.49	-0.35	0.03	-0.03	1.27e-03	-4.38e-03	0.03
2077	1	2100	26.38	-9.27e-03	-25.86	-0.01	-25.86	0.16	0.36	-0.30	3.47e-03	0.06	0.33
		37	22.60	0.05	-22.15	0.04	-22.15	0.25	0.56	-0.15	0.25	0.15	0.35
		17	21.56	0.08	-21.09	0.08	-21.09	0.07	0.65	-0.08	0.37	0.19	0.35
		2095	27.88	-8.35e-03	-26.98	-9.00e-03	-26.97	0.13	0.36	-0.24	-4.56e-03	0.13	0.29
2077	2	2100	80.53	0.10	-80.33	0.09	-80.32	-0.95	0.09	-0.14	-0.02	-0.04	0.12
		37	101.58	1.49	-98.37	-0.44	-96.44	-13.75	0.30	-0.25	-0.21	0.25	0.15



		17	92.18	1.22	-88.62	-0.52	-86.88	-12.38	0.59	-0.41	-0.07	0.25	0.47
		2095	57.71	0.06	-57.14	0.05	-57.13	-0.77	0.42	-0.35	0.02	0.06	0.38
2077	3	2100	17.46	4.63e-03	-17.26	4.60e-03	-17.26	-0.02	0.12	-0.10	-1.56e-04	0.03	0.11
		37	17.77	0.05	-17.40	-0.02	-17.33	-1.12	0.26	0.02	0.17	0.11	0.11
		17	16.55	0.06	-16.16	-0.02	-16.09	-1.07	0.32	0.01	0.21	0.12	0.14
		2095	15.99	5.10e-04	-15.63	4.90e-04	-15.63	-0.02	0.14	-0.09	-7.23e-05	0.05	0.11
2077	4	2100	33.44	0.04	-33.40	0.03	-33.40	-0.35	0.04	-0.05	-6.29e-03	-1.85e-03	0.05
		37	41.15	0.53	-40.03	-0.16	-39.34	-5.27	0.16	7.73e-03	0.03	0.14	0.05
		17	37.46	0.43	-36.21	-0.20	-35.58	-4.76	0.29	-0.07	0.08	0.14	0.18
		2095	24.83	0.02	-24.56	0.02	-24.56	-0.28	0.16	-0.12	6.63e-03	0.03	0.14
2078	1	2095	27.95	-0.02	-27.01	-0.02	-27.01	0.13	0.39	-0.26	-3.29e-03	0.13	0.32
		17	21.49	0.10	-21.06	0.10	-21.06	0.07	0.63	-0.07	0.37	0.19	0.34
		70	20.35	0.11	-19.95	0.11	-19.95	-0.22	0.62	0.04	0.44	0.22	0.27
		2105	28.77	-0.01	-27.62	-0.02	-27.62	0.10	0.33	-0.15	1.44e-03	0.18	0.22
2078	2	2095	57.59	0.11	-56.95	0.10	-56.94	-0.78	0.44	-0.36	0.01	0.06	0.40
		17	92.24	1.20	-88.70	-0.54	-86.96	-12.39	0.58	-0.40	-0.07	0.25	0.46
		70	82.75	1.04	-79.18	-0.48	-77.65	-10.95	0.91	-0.36	0.22	0.32	0.63
		2105	38.49	0.06	-36.77	0.05	-36.76	-0.58	0.62	-0.44	-0.01	0.19	0.52
2078	3	2095	16.00	3.45e-03	-15.62	3.43e-03	-15.62	-0.02	0.16	-0.10	2.09e-04	0.05	0.13
		17	16.52	0.06	-16.15	-0.01	-16.08	-1.07	0.31	0.02	0.21	0.12	0.13
		70	15.27	0.07	-14.92	-3.57e-03	-14.85	-1.05	0.34	0.05	0.26	0.13	0.13
		2105	14.57	-1.43e-03	-14.06	-1.44e-03	-14.06	-0.01	0.15	-0.07	-4.87e-04	0.08	0.10
2078	4	2095	24.78	0.04	-24.49	0.04	-24.49	-0.29	0.17	-0.14	5.34e-03	0.03	0.15
		17	37.46	0.43	-36.24	-0.20	-35.61	-4.76	0.28	-0.06	0.08	0.14	0.17
		70	33.75	0.37	-32.50	-0.18	-31.94	-4.23	0.42	-0.06	0.19	0.16	0.24
		2105	17.44	0.02	-16.77	0.02	-16.77	-0.22	0.23	-0.16	-4.10e-03	0.08	0.19
2079	1	2105	28.83	-0.02	-27.65	-0.02	-27.64	0.10	0.35	-0.16	5.67e-03	0.19	0.24
		70	20.31	0.12	-19.93	0.12	-19.92	-0.22	0.61	0.04	0.44	0.21	0.26
		18	19.20	0.20	-18.74	0.18	-18.72	-0.62	0.61	0.21	0.56	0.25	0.13
		2096	29.03	-0.03	-27.55	-0.03	-27.55	0.05	0.27	-0.04	-0.01	0.24	0.09
2079	2	2105	38.52	0.10	-36.63	0.09	-36.62	-0.61	0.64	-0.47	-0.03	0.20	0.54
		70	82.76	1.08	-79.27	-0.46	-77.73	-11.01	0.90	-0.30	0.26	0.34	0.60
		18	73.02	0.72	-69.93	-0.60	-68.61	-9.57	0.92	-0.33	0.29	0.30	0.62
		2096	21.86	0.08	-19.47	0.07	-19.46	-0.40	0.70	-0.44	0.02	0.24	0.56
2079	3	2105	14.59	1.32e-03	-14.05	1.30e-03	-14.05	-0.01	0.16	-0.08	-3.62e-04	0.08	0.12
		70	15.23	0.08	-14.91	7.72e-04	-14.84	-1.06	0.33	0.06	0.26	0.13	0.12
		18	13.92	0.09	-13.67	7.44e-03	-13.58	-1.07	0.34	0.10	0.29	0.14	0.09
		2096	13.13	-2.98e-03	-12.51	-2.99e-03	-12.51	-0.01	0.13	-0.04	-1.92e-03	0.10	0.07
2079	4	2105	17.45	0.04	-16.71	0.03	-16.71	-0.23	0.25	-0.18	-0.01	0.08	0.21
		70	33.73	0.39	-32.53	-0.17	-31.97	-4.25	0.41	-0.04	0.20	0.17	0.22
		18	29.93	0.26	-28.85	-0.22	-28.37	-3.72	0.42	-0.05	0.22	0.16	0.24
		2096	10.97	0.03	-10.11	0.03	-10.11	-0.15	0.26	-0.16	6.45e-03	0.10	0.21
2080	1	2096	29.08	-0.03	-27.56	-0.03	-27.56	0.05	0.29	-0.05	-0.01	0.25	0.11
		18	19.20	0.22	-18.72	0.19	-18.70	-0.64	0.60	0.22	0.57	0.26	0.11
		75	18.05	0.23	-17.47	0.16	-17.40	-1.13	0.54	0.23	0.53	0.24	-0.06
		2106	27.89	-0.03	-26.46	-0.03	-26.46	-0.02	0.26	-0.01	2.66e-03	0.24	-0.06
2080	2	2096	21.75	0.12	-19.35	0.11	-19.34	-0.42	0.70	-0.44	0.03	0.24	0.56
		18	73.04	0.67	-69.95	-0.63	-68.65	-9.51	0.91	-0.35	0.27	0.29	0.63
		75	63.37	0.54	-60.84	-0.51	-59.80	-7.94	1.02	-0.14	0.52	0.36	0.57
		2106	9.24	0.07	-5.59	0.06	-5.58	-0.19	0.65	-0.36	-0.03	0.31	0.48
2080	3	2096	13.14	6.96e-04	-12.50	6.79e-04	-12.50	-0.01	0.15	-0.05	-1.79e-03	0.10	0.08
		18	13.89	0.09	-13.66	0.01	-13.58	-1.07	0.33	0.11	0.30	0.14	0.08
		75	12.58	0.11	-12.41	9.97e-03	-12.31	-1.10	0.31	0.14	0.31	0.14	0.03
		2106	11.55	-4.32e-03	-10.91	-4.35e-03	-10.91	-0.02	0.11	-3.60e-03	-1.29e-03	0.11	0.02
2080	4	2096	10.93	0.04	-10.07	0.04	-10.06	-0.15	0.27	-0.17	9.95e-03	0.10	0.22
		18	29.91	0.24	-28.85	-0.23	-28.38	-3.70	0.41	-0.06	0.21	0.15	0.23
		75	26.15	0.20	-25.26	-0.19	-24.87	-3.12	0.47	0.01	0.30	0.18	0.22
		2106	5.87	0.02	-4.73	0.02	-4.73	-0.07	0.25	-0.13	-0.01	0.13	0.18
2081	1	2106	27.83	-0.02	-26.44	-0.02	-26.44	-1.44e-03	0.25	-2.11e-03	7.68e-03	0.24	-0.05
		75	18.02	0.22	-17.46	0.15	-17.39	-1.12	0.53	0.22	0.52	0.24	-0.07
		19	17.23	0.36	-16.10	0.21	-15.94	-1.61	0.66	0.13	0.54	0.25	-0.22
		2097	25.84	-0.03	-24.35	-0.03	-24.35	-0.07	0.37	-0.14	-9.49e-03	0.23	-0.22
2081	2	2106	9.45	0.09	-5.51	0.08	-5.50	-0.24	0.67	-0.40	-0.04	0.32	0.51
		75	63.39	0.59	-60.90	-0.47	-59.83	-8.02	1.01	-0.07	0.55	0.39	0.53
		19	53.48	0.02	-51.96	-0.77	-51.17	-6.36	0.75	-0.08	0.41	0.27	0.41
		2097	7.56	4.89	0.11	0.11	4.89	0.02	0.55	-0.25	0.03	0.27	0.38
2081	3	2106	11.53	2.43e-04	-10.90	2.18e-04	-10.90	-0.02	0.11	-8.88e-03	-8.34e-04	0.10	0.03
		75	12.58	0.11	-12.40	0.01	-12.31	-1.10	0.31	0.14	0.30	0.14	0.02
		19	11.42	0.12	-11.12	3.44e-03	-11.00	-1.13	0.30	0.13	0.30	0.14	-0.03
		2097	9.87	-3.16e-03	-9.27	-3.19e-03	-9.27	-0.02	0.11	-0.01	-5.64e-04	0.10	-0.04
2081	4	2106	5.93	0.03	-4.69	0.03	-4.69	-0.09	0.26	-0.15	-0.02	0.13	0.19
		75	26.14	0.22	-25.28	-0.17	-24.88	-3.15	0.46	0.04	0.31	0.19	0.20
		19	22.27	0.01	-21.74	-0.29	-21.44	-2.53	0.37	0.03	0.26	0.14	0.16
		2097	1.93	0.04	-0.61	0.04	-0.61	8.97e-03	0.21	-0.09	0.01	0.11	0.14
2082	1	2097	25.85	-0.03	-24.32	-0.03	-24.32	-0.06	0.35	-0.13	-0.01	0.24	-0.20
		19	17.34	0.39	-16.10	0.22	-15.94	-1.64	0.70	0.12	0.56	0.26	-0.24
		50	16.54	0.44	-14.67	0.13	-14.37	-2.13	0.71	-0.08	0.43	0.20	-0.38



		2102	22.32	-0.03	-21.11	-0.03	-21.11	-0.13	0.42	-0.26	-2.13e-03	0.17	-0.33
2082	2	2097	7.56	4.95	0.12	0.12	4.95	-6.47e-03	0.54	-0.27	0.01	0.26	0.39
		19	53.49	-0.03	-51.90	-0.79	-51.14	-6.22	0.78	-0.06	0.42	0.29	0.42
		50	44.18	-0.19	-43.30	-0.63	-42.86	-4.31	0.71	0.06	0.49	0.28	0.31
		2102	13.10	11.18	0.09	0.10	11.18	0.28	0.42	-0.19	-0.02	0.25	0.27
2082	3	2097	9.86	1.79e-03	-9.25	1.76e-03	-9.25	-0.02	0.11	-9.06e-03	-3.21e-03	0.10	-0.03
		19	11.44	0.12	-11.11	8.04e-03	-11.00	-1.12	0.32	0.13	0.31	0.14	-0.04
		50	10.25	0.12	-9.81	-6.24e-03	-9.68	-1.13	0.31	0.09	0.27	0.12	-0.08
		2102	8.11	-2.52e-03	-7.60	-2.56e-03	-7.60	-0.02	0.13	-0.05	-2.04e-03	0.08	-0.08
2082	4	2097	1.99	0.04	-0.58	0.04	-0.58	-5.73e-04	0.21	-0.10	5.02e-03	0.11	0.15
		19	22.26	-3.81e-03	-21.72	-0.29	-21.43	-2.48	0.37	0.04	0.27	0.15	0.16
		50	18.60	-0.06	-18.30	-0.23	-18.12	-1.78	0.36	0.08	0.29	0.15	0.12
		2102	2.86	1.97	0.03	0.04	1.96	0.11	0.16	-0.07	-7.11e-03	0.10	0.10
2083	1	2102	22.09	-8.30e-03	-21.03	-9.00e-03	-21.03	-0.12	0.39	-0.25	-9.15e-04	0.14	-0.31
		50	16.52	0.42	-14.68	0.12	-14.37	-2.12	0.71	-0.10	0.40	0.20	-0.39
		20	15.18	0.54	-13.08	0.10	-12.64	-2.42	0.59	-0.21	0.25	0.14	-0.40
		2098	17.74	-0.02	-17.04	-0.03	-17.04	-0.16	0.41	-0.34	0.01	0.06	-0.38
2083	2	2102	13.08	11.20	0.05	0.06	11.20	0.19	0.43	-0.22	-0.02	0.23	0.30
		50	44.47	-0.01	-43.30	-0.46	-42.85	-4.39	0.70	0.12	0.49	0.33	0.28
		20	34.93	-1.02	-35.02	-1.18	-34.85	-2.35	0.47	-5.57e-03	0.31	0.15	0.23
		2098	14.34	13.32	0.16	0.19	13.30	0.56	0.30	-0.14	0.02	0.14	0.21
2083	3	2102	8.02	2.16e-03	-7.57	2.11e-03	-7.57	-0.02	0.11	-0.04	-2.30e-03	0.07	-0.06
		50	10.24	0.13	-9.81	2.68e-03	-9.68	-1.14	0.31	0.08	0.26	0.13	-0.09
		20	8.88	0.08	-8.46	-0.06	-8.32	-1.08	0.26	0.04	0.21	0.09	-0.10
		2098	6.29	5.16e-03	-6.00	5.16e-03	-6.00	-1.82e-03	0.12	-0.08	5.03e-03	0.04	-0.10
2083	4	2102	2.89	1.98	0.02	0.02	1.98	0.07	0.17	-0.08	-9.20e-03	0.10	0.12
		50	18.70	0.01	-18.29	-0.17	-18.11	-1.81	0.35	0.11	0.29	0.16	0.10
		20	14.93	-0.36	-14.98	-0.44	-14.90	-1.06	0.27	0.05	0.22	0.10	0.09
		2098	3.51	3.01	0.05	0.07	2.99	0.21	0.12	-0.05	6.83e-03	0.06	0.08
2084	1	2098	17.75	1.88e-03	-16.98	6.17e-04	-16.98	-0.15	0.40	-0.33	2.77e-03	0.07	-0.36
		20	15.20	0.52	-13.10	0.07	-12.65	-2.44	0.64	-0.17	0.30	0.17	-0.40
		61	13.62	0.67	-11.39	0.08	-10.79	-2.62	0.52	-0.22	0.19	0.12	-0.37
		2104	13.06	-0.02	-12.50	-0.02	-12.50	-0.18	0.27	-0.33	-0.03	-0.03	-0.30
2084	2	2098	14.37	13.22	0.12	0.14	13.20	0.50	0.28	-0.12	-2.35e-03	0.16	0.19
		20	34.97	-0.93	-34.80	-1.03	-34.70	-1.87	0.58	0.14	0.45	0.26	0.20
		61	27.52	-0.77	-27.35	-0.77	-27.35	0.33	0.23	-0.17	-0.01	0.08	0.20
		2104	10.91	9.86	0.05	0.13	9.78	0.89	0.26	-0.56	-0.11	-0.19	0.41
2084	3	2098	6.30	0.01	-5.98	0.01	-5.98	-3.15e-03	0.11	-0.07	-7.21e-05	0.04	-0.09
		20	8.86	0.08	-8.44	-0.05	-8.31	-1.04	0.29	0.05	0.23	0.11	-0.10
		61	7.43	0.09	-7.07	-0.03	-6.95	-0.94	0.22	0.02	0.16	0.08	-0.09
		2104	4.76	1.47e-03	-4.67	1.41e-03	-4.67	0.02	0.04	-0.08	-0.02	-0.02	-0.06
2084	4	2098	3.53	2.97	0.04	0.05	2.96	0.19	0.12	-0.05	-1.59e-03	0.07	0.07
		20	14.95	-0.33	-14.89	-0.38	-14.84	-0.88	0.31	0.11	0.28	0.14	0.07
		61	11.88	-0.28	-11.85	-0.28	-11.85	-0.06	0.16	3.27e-03	0.10	0.07	0.08
		2104	2.71	1.99	-8.75e-03	0.05	1.93	0.33	0.10	-0.21	-0.04	-0.07	0.15
2085	1	2104	13.30	9.29e-03	-12.36	6.53e-03	-12.36	-0.18	0.27	-0.30	0.04	-0.07	-0.28
		61	13.62	0.65	-11.44	0.01	-10.80	-2.70	0.45	-0.33	0.04	0.08	-0.39
		13	10.24	0.45	-9.51	-0.19	-8.87	-2.44	0.14	-0.14	-0.03	0.03	-0.14
		2091	9.03	0.02	-7.85	0.02	-7.84	-0.13	0.09	-0.27	-0.02	-0.17	-0.17
2085	2	2104	13.53	9.77	0.06	0.12	9.72	0.74	0.79	-0.31	0.68	-0.20	0.34
		61	28.54	-0.81	-27.17	-0.82	-27.17	0.42	-0.31	-1.37	-1.23	-0.44	0.35
		13	24.90	-0.90	-20.96	-1.44	-20.42	3.24	1.78	0.08	1.29	0.57	0.77
		2091	7.11	1.78	-0.81	0.21	0.76	1.26	0.11	-0.83	-0.67	-0.04	0.35
2085	3	2104	5.04	0.01	-4.63	0.01	-4.63	3.33e-03	0.09	-0.05	0.06	-0.03	-0.05
		61	7.26	0.08	-7.07	-0.06	-6.93	-0.96	0.11	-0.06	0.02	0.03	-0.09
		13	5.76	-0.08	-5.67	-0.17	-5.59	-0.67	0.20	0.08	0.19	0.09	0.03
		2091	3.86	0.02	-3.72	0.02	-3.72	0.06	-0.03	-0.07	-0.06	-0.05	-0.02
2085	4	2104	3.44	1.96	4.92e-03	0.05	1.92	0.28	0.30	-0.12	0.25	-0.07	0.13
		61	12.16	-0.30	-11.78	-0.30	-11.78	-0.03	-0.06	-0.41	-0.36	-0.12	0.13
		13	10.53	-0.42	-9.13	-0.54	-9.01	1.01	0.76	0.07	0.58	0.25	0.30
		2091	2.58	0.24	-1.33	0.08	-1.17	0.47	0.05	-0.31	-0.25	-0.01	0.13
2086	1	2091	8.94	0.01	-7.83	9.98e-03	-7.82	-0.13	0.06	-0.23	-1.72e-03	-0.17	-0.12
		13	10.41	0.56	-9.46	-0.06	-8.84	-2.42	0.21	-0.17	-0.02	0.06	-0.19
		51	8.78	0.50	-7.49	-0.15	-6.85	-2.17	0.03	-0.25	-0.19	-0.03	0.12
		2103	5.67	0.02	-3.98	0.02	-3.98	-0.09	0.04	-0.31	-4.90e-03	-0.26	0.12
2086	2	2091	10.96	1.58	-0.91	0.21	0.46	1.24	0.60	-1.08	-0.30	-0.18	0.84
		13	20.69	-0.60	-20.76	-1.28	-20.08	3.63	0.54	0.26	0.53	0.27	0.05
		51	28.63	1.88	-16.68	-1.00	-13.80	6.72	-0.02	-2.62	-1.91	-0.73	1.16
		2103	24.99	0.29	-15.92	0.14	-15.76	1.57	0.96	-1.16	0.56	-0.76	0.82
2086	3	2091	4.06	0.02	-3.73	0.02	-3.73	0.06	5.38e-04	-0.09	-0.02	-0.06	0.04
		13	5.70	-0.04	-5.62	-0.11	-5.54	-0.63	0.17	0.05	0.14	0.08	-0.05
		51	4.76	-0.09	-4.23	-0.12	-4.20	-0.34	0.07	-0.22	-0.11	-0.03	0.14
		2103	4.74	0.02	-3.58	0.01	-3.58	0.10	0.09	-0.19	0.04	-0.14	0.11
2086	4	2091	4.41	0.22	-1.42	0.08	-1.28	0.46	0.24	-0.41	-0.11	-0.06	0.32
		13	9.04	-0.32	-9.03	-0.47	-8.87	1.16	0.31	0.14	0.30	0.14	0.02
		51	10.92	0.42	-7.05	-0.37	-6.26	2.30	0.06	-0.92	-0.62	-0.24	0.45
		2103	10.45	0.10	-7.11	0.05	-7.07	0.59	0.36	-0.44	0.21	-0.29	0.32



Progetto Esecutivo Rialzamento del ponte sul fiume Frigido sul lungomare Vespucci Marina di Massa

2087	1	2103	5.99	0.01	-3.90	0.01	-3.89	-0.12	0.10	-0.36	0.04	-0.30	0.15
		51	8.92	0.55	-7.47	-0.06	-6.85	-2.14	4.98e-03	-0.31	-0.27	-0.03	0.10
		14	9.75	0.14	-5.37	-0.41	-4.82	-1.66	0.36	-0.71	-0.27	-0.08	0.53
		2092	5.64	0.06	-0.99	0.05	-0.99	0.02	0.30	-0.67	-0.03	-0.33	0.46
2087	2	2103	22.19	0.22	-15.72	0.04	-15.53	1.70	0.59	-1.19	-0.04	-0.56	0.85
		51	27.42	1.27	-17.45	-1.54	-14.65	6.68	0.95	-1.49	-0.49	-0.04	1.20
		14	33.49	6.64	-13.21	-0.81	-5.76	9.61	1.47	-1.70	-0.19	-0.04	1.58
		2092	48.20	0.45	-40.37	0.32	-40.23	2.37	1.31	-2.13	-0.27	-0.55	1.71
2087	3	2103	4.67	8.26e-03	-3.52	5.55e-03	-3.52	0.10	0.09	-0.22	0.01	-0.14	0.13
		51	4.84	-0.11	-4.29	-0.14	-4.26	-0.33	0.13	-0.14	-0.03	0.02	0.13
		14	4.19	-0.20	-2.66	-0.20	-2.66	0.04	0.30	-0.32	-0.01	-2.71e-03	0.31
		2092	6.14	0.05	-4.32	0.04	-4.31	0.20	0.21	-0.39	-0.03	-0.15	0.29
2087	4	2103	9.45	0.07	-7.03	0.01	-6.97	0.64	0.24	-0.47	-0.01	-0.22	0.34
		51	10.54	0.20	-7.34	-0.57	-6.57	2.28	0.42	-0.50	-0.10	0.02	0.46
		14	12.67	2.00	-5.25	-0.32	-2.94	3.38	0.63	-0.62	7.22e-03	8.32e-03	0.63
		2092	18.97	0.17	-15.99	0.12	-15.94	0.89	0.51	-0.82	-0.10	-0.21	0.66
2088	1	2092	7.10	0.04	-0.96	0.04	-0.96	0.03	0.42	-0.82	0.08	-0.47	0.56
		14	9.66	-0.14	-5.14	-0.58	-4.71	-1.41	0.28	-0.83	-0.46	-0.08	0.52
		38	10.23	0.10	-2.72	-0.04	-2.58	-0.60	0.71	-1.00	-0.17	-0.12	0.85
		2101	7.77	0.17	-0.30	0.07	-0.21	0.19	0.73	-0.71	-0.02	0.04	0.72
2088	2	2092	57.24	0.61	-43.44	0.45	-43.29	2.62	1.61	-2.62	0.20	-1.20	2.00
		14	39.98	8.07	-19.28	-3.83	-7.38	13.56	0.47	-2.55	-1.58	-0.49	1.41
		38	43.14	17.34	0.36	16.44	1.26	-3.80	1.62	-4.05	-1.70	-0.73	2.80
		2101	67.32	-2.87	-61.84	-2.93	-61.78	1.85	2.12	-2.12	0.24	-0.24	2.10
2088	3	2092	7.41	0.06	-4.56	0.05	-4.54	0.22	0.28	-0.49	0.04	-0.25	0.35
		14	4.58	-0.41	-2.84	-0.50	-2.75	0.45	0.21	-0.40	-0.17	-0.02	0.30
		38	6.93	1.55	-1.29	1.35	-1.08	-0.74	0.43	-0.59	-0.08	-0.08	0.51
		2101	7.08	-0.21	-5.52	-0.22	-5.52	0.22	0.42	-0.40	9.58e-03	9.61e-03	0.41
2088	4	2092	22.47	0.23	-17.14	0.17	-17.09	0.99	0.63	-1.02	0.08	-0.47	0.78
		14	14.93	2.49	-7.49	-1.46	-3.54	4.88	0.26	-0.91	-0.51	-0.14	0.56
		38	16.68	6.66	-0.37	6.23	0.06	-1.69	0.69	-1.49	-0.54	-0.26	1.08
		2101	25.81	-1.08	-23.78	-1.11	-23.76	0.71	0.83	-0.82	0.08	-0.07	0.82
2089	1	2101	9.48	-0.21	-0.33	-0.24	-0.30	0.06	0.52	-1.23	-0.51	-0.21	0.86
		38	10.93	0.84	-2.80	0.73	-2.69	-0.62	1.21	-0.55	0.38	0.28	0.88
		12	5.32	1.33	-1.90	-0.10	-0.47	-1.61	0.32	-0.25	0.21	-0.14	0.22
		2090	10.56	0.74	0.25	0.27	0.72	0.11	1.73	0.16	0.16	1.73	-2.64e-03
2089	2	2101	59.16	-4.07	-53.72	-4.13	-53.67	1.69	1.56	-3.37	-1.57	-0.25	2.37
		38	62.87	30.14	-13.78	22.18	-5.81	-16.92	3.67	-1.92	0.97	0.79	2.79
		12	71.18	28.04	-36.96	-3.54	-5.39	-32.49	1.71	-1.23	0.67	-0.19	1.41
		2090	20.40	4.34	2.93	3.91	3.37	-0.65	3.11	-0.17	0.02	2.93	0.76
2089	3	2101	7.28	-0.44	-4.81	-0.44	-4.81	0.17	0.30	-0.72	-0.31	-0.11	0.50
		38	9.06	2.88	-2.46	2.14	-1.72	-1.84	0.78	-0.24	0.32	0.23	0.51
		12	7.93	2.88	-3.98	-0.40	-0.70	-3.42	0.24	-0.20	0.13	-0.10	0.18
		2090	5.37	0.60	0.46	0.46	0.60	2.71e-03	0.84	0.03	0.03	0.84	0.07
2089	4	2101	22.76	-1.57	-20.64	-1.59	-20.62	0.65	0.61	-1.36	-0.62	-0.13	0.95
		38	24.46	11.62	-5.77	8.49	-2.64	-6.68	1.51	-0.64	0.49	0.38	1.07
		12	27.47	10.79	-14.36	-1.41	-2.16	-12.57	0.65	-0.49	0.27	-0.12	0.54
		2090	8.34	1.69	1.22	1.54	1.38	-0.22	1.26	-0.08	-8.78e-03	1.19	0.30
2090	1	333	130.38	1.85	-127.39	1.81	-127.36	-2.04	0.78	0.20	0.42	0.56	-0.28
		2156	75.87	-1.44	-74.78	-1.45	-74.78	0.26	0.44	-0.27	-0.08	0.25	-0.32
		2157	83.50	0.61	-81.88	0.58	-81.85	-1.53	0.59	-0.28	0.06	0.25	-0.42
		318	117.12	-0.59	-115.63	-0.63	-115.59	2.12	0.53	-0.32	-0.04	0.25	-0.40
2090	2	333	290.17	6.25	-282.64	5.88	-282.27	10.34	1.39	0.40	0.67	1.11	0.45
		2156	298.75	-6.60	-298.38	-6.67	-298.31	4.53	0.71	-0.39	-0.20	0.52	0.42
		2157	274.16	3.25	-268.05	3.24	-268.05	-1.51	0.97	-0.01	0.14	0.81	0.36
		318	264.39	-1.80	-263.03	-3.36	-261.47	20.11	0.80	-0.22	0.07	0.51	0.46
2090	3	333	67.51	1.11	-65.97	1.11	-65.97	0.20	0.34	0.25	0.28	0.30	-0.05
		2156	51.97	-1.08	-51.66	-1.08	-51.66	0.51	0.14	-0.07	-0.04	0.12	-0.07
		2157	52.33	0.50	-51.19	0.49	-51.18	-0.61	0.21	-0.01	0.03	0.17	-0.09
		318	61.31	-0.43	-60.82	-0.52	-60.73	2.38	0.22	0.03	0.10	0.15	-0.09
2090	4	333	114.86	2.44	-112.00	2.31	-111.87	3.87	0.59	0.23	0.36	0.47	0.17
		2156	118.02	-2.61	-117.92	-2.63	-117.89	1.78	0.26	-0.15	-0.08	0.20	0.15
		2157	108.83	1.28	-106.36	1.28	-106.35	-0.61	0.39	-2.06e-03	0.06	0.33	0.14
		318	104.95	-0.75	-104.53	-1.33	-103.95	7.71	0.36	8.56e-03	0.13	0.23	0.17
2091	1	313	132.73	-32.86	-144.24	-32.98	-144.13	3.55	0.18	-0.67	-0.13	-0.37	-0.41
		2158	68.44	-10.73	-71.66	-13.23	-69.17	12.06	0.41	-0.16	0.11	0.13	-0.28
		2156	73.36	9.22	-68.16	7.90	-66.84	-10.02	0.24	-0.25	-0.08	0.07	-0.24
		333	139.47	11.38	-132.16	11.37	-132.15	1.23	0.61	0.21	0.39	0.42	-0.20
2091	2	313	287.45	-73.51	-311.83	-74.31	-311.04	13.74	-0.30	-1.22	-0.55	-0.97	0.41
		2158	320.63	-55.33	-343.42	-61.43	-337.32	41.49	0.61	-0.25	0.30	0.06	0.41
		2156	301.85	37.84	-279.08	35.57	-276.81	-26.70	0.58	-0.62	-0.13	0.10	0.59
		333	319.00	25.15	-303.67	23.14	-301.67	25.61	1.23	-0.18	0.36	0.69	0.69
2091	3	313	67.74	-17.05	-73.59	-17.15	-73.49	2.35	-0.04	-0.25	-0.09	-0.21	-0.09
		2158	51.53	-8.64	-54.90	-9.94	-53.59	7.66	0.10	0.04	0.06	0.08	-0.03
		2156	51.34	6.43	-47.75	5.84	-47.16	-5.60	-0.01	-0.04	-0.04	-0.01	2.01e-03
		333	72.94	5.72	-69.40	5.62	-69.30	2.65	0.24	0.22	0.24	0.22	-1.24e-03
2091	4	313	113.63	-29.09	-123.25	-29.39	-122.94	5.37	-0.12	-0.48	-0.21	-0.39	0.15



		2158	126.31	-21.81	-135.45	-24.23	-133.04	16.37	0.26	-0.09	0.12	0.06	0.17
		2156	119.04	14.93	-110.27	14.04	-109.38	-10.54	0.22	-0.28	-0.05	-1.92e-03	0.25
		333	126.19	9.86	-120.28	9.11	-119.53	9.87	0.52	-1.34e-03	0.23	0.30	0.26
2092	1	318	118.34	0.22	-115.78	0.21	-115.78	0.50	0.66	-0.22	0.03	0.41	-0.39
		2157	82.33	-0.04	-81.63	-0.05	-81.62	-0.77	0.47	-0.38	-0.02	0.10	-0.42
		2159	86.70	-0.07	-86.36	-0.08	-86.34	-1.06	0.69	-0.62	0.02	0.05	-0.66
		121	107.60	0.32	-105.07	0.28	-105.04	1.84	0.75	-0.71	-0.19	0.22	-0.70
2092	2	318	266.85	1.56	-262.03	0.58	-261.05	16.02	1.13	0.02	0.26	0.88	0.46
		2157	270.76	-0.44	-267.54	-0.44	-267.54	0.77	0.76	-0.26	-0.04	0.55	0.42
		2159	246.76	0.13	-243.08	0.13	-243.08	0.09	0.77	-0.12	0.03	0.61	0.34
		121	245.53	0.99	-242.26	-0.25	-241.03	17.31	0.79	-0.04	0.14	0.61	0.34
2092	3	318	61.93	0.16	-60.77	0.12	-60.73	1.50	0.28	0.10	0.14	0.24	-0.08
		2157	51.55	-0.06	-51.07	-0.06	-51.07	-0.16	0.14	-0.07	-1.00e-02	0.08	-0.09
		2159	50.90	-0.01	-50.41	-0.01	-50.41	-0.31	0.22	-0.12	8.78e-03	0.08	-0.17
		121	56.88	0.14	-55.90	0.06	-55.83	2.03	0.30	-0.08	0.07	0.16	-0.18
2092	4	318	105.94	0.59	-104.13	0.23	-103.78	6.09	0.49	0.10	0.21	0.38	0.18
		2157	107.39	-0.17	-106.16	-0.17	-106.16	0.30	0.29	-0.09	-0.02	0.21	0.15
		2159	98.35	0.05	-96.85	0.05	-96.85	0.03	0.31	-0.04	0.01	0.25	0.13
		121	97.75	0.36	-96.57	-0.10	-96.12	6.61	0.35	0.08	0.16	0.27	0.12
2093	1	121	107.68	0.27	-104.92	0.25	-104.89	1.62	0.78	-0.66	-0.17	0.28	-0.68
		2159	86.87	-0.03	-86.51	-0.04	-86.50	-0.96	0.68	-0.67	-6.66e-04	7.14e-03	-0.67
		2160	91.10	-0.04	-90.03	-0.05	-90.02	-0.97	0.95	-0.98	0.02	-0.05	-0.96
		317	96.39	0.31	-93.24	0.24	-93.18	2.49	1.05	-1.11	-0.25	0.19	-1.06
2093	2	121	246.16	1.17	-242.18	-0.01	-241.00	16.93	0.92	-6.68e-03	0.18	0.73	0.37
		2159	246.16	0.03	-242.89	0.03	-242.89	0.31	0.69	-0.16	-0.01	0.53	0.33
		2160	221.49	-3.82e-03	-218.51	-4.07e-03	-218.51	0.24	0.62	-0.10	0.01	0.50	0.26
		317	225.40	1.11	-222.04	-0.15	-220.77	16.74	0.70	0.02	0.13	0.59	0.25
2093	3	121	56.97	0.14	-55.84	0.08	-55.77	1.93	0.31	-0.05	0.07	0.19	-0.17
		2159	50.81	-8.17e-03	-50.44	-9.55e-03	-50.43	-0.26	0.21	-0.15	-1.25e-03	0.06	-0.18
		2160	49.68	-0.01	-49.41	-0.02	-49.41	-0.27	0.28	-0.24	6.23e-03	0.04	-0.26
		317	51.79	0.16	-50.64	0.06	-50.54	2.18	0.40	-0.21	0.04	0.15	-0.30
2093	4	121	98.00	0.43	-96.53	1.04e-03	-96.10	6.46	0.41	0.09	0.18	0.32	0.14
		2159	98.09	0.01	-96.77	0.01	-96.77	0.11	0.27	-0.06	-4.21e-03	0.22	0.12
		2160	88.70	-3.04e-03	-87.48	-3.12e-03	-87.48	0.09	0.25	-0.04	4.63e-03	0.21	0.10
		317	90.05	0.41	-88.81	-0.05	-88.35	6.40	0.32	0.11	0.16	0.27	0.09
2094	1	317	96.30	0.34	-93.05	0.28	-92.99	2.44	1.05	-1.11	-0.25	0.20	-1.06
		2160	91.42	-0.06	-90.24	-0.07	-90.23	-0.97	0.97	-1.02	0.01	-0.07	-0.99
		2161	93.79	-0.01	-92.60	-0.02	-92.59	-0.95	1.23	-1.22	0.02	-6.82e-03	-1.23
		339	84.30	0.36	-80.46	0.23	-80.33	3.27	1.47	-1.37	-0.09	0.19	-1.41
2094	2	317	225.57	1.11	-222.02	-0.15	-220.76	16.72	0.75	0.03	0.15	0.63	0.27
		2160	221.31	0.05	-218.41	0.05	-218.41	0.25	0.58	-0.10	1.80e-03	0.48	0.24
		2161	197.39	0.01	-194.68	0.01	-194.68	0.22	0.51	-0.06	1.42e-03	0.45	0.18
		339	205.40	1.13	-202.16	-0.17	-200.86	16.21	0.62	0.11	0.16	0.57	0.15
2094	3	317	51.77	0.17	-50.57	0.07	-50.48	2.17	0.40	-0.19	0.04	0.16	-0.29
		2160	49.70	-0.02	-49.46	-0.02	-49.46	-0.27	0.30	-0.26	3.72e-03	0.03	-0.28
		2161	48.50	-5.07e-03	-48.12	-6.54e-03	-48.12	-0.27	0.37	-0.32	5.50e-03	0.05	-0.35
		339	46.37	0.18	-45.10	0.06	-44.98	2.38	0.53	-0.29	0.10	0.15	-0.41
2094	4	317	90.10	0.41	-88.80	-0.05	-88.34	6.39	0.35	0.10	0.16	0.29	0.10
		2160	88.62	0.02	-87.44	0.02	-87.44	0.09	0.23	-0.03	7.04e-04	0.20	0.09
		2161	79.49	3.22e-03	-78.37	3.14e-03	-78.37	0.08	0.21	-0.02	4.69e-04	0.19	0.07
		339	82.36	0.41	-81.17	-0.06	-80.69	6.22	0.29	0.14	0.17	0.26	0.05
2095	1	339	84.09	0.41	-80.22	0.28	-80.09	3.24	1.48	-1.36	-0.07	0.19	-1.42
		2161	93.98	-0.07	-92.84	-0.08	-92.83	-0.97	1.27	-1.24	0.02	5.00e-03	-1.26
		2162	95.92	-9.36e-04	-93.87	-8.92e-03	-93.86	-0.87	1.41	-1.19	-6.18e-03	0.22	-1.30
		319	71.04	0.53	-66.99	0.29	-66.74	4.06	1.86	-1.18	0.41	0.27	-1.52
2095	2	339	205.51	1.14	-202.19	-0.17	-200.88	16.25	0.65	0.12	0.18	0.59	0.17
		2161	197.27	0.03	-194.60	0.03	-194.60	0.22	0.48	-0.05	-9.97e-03	0.44	0.15
		2162	174.36	0.03	-171.88	0.03	-171.88	0.16	0.44	-6.34e-03	0.02	0.42	0.10
		319	185.56	1.13	-182.53	-0.22	-181.18	15.68	0.52	0.14	0.15	0.51	0.07
2095	3	339	46.30	0.20	-45.03	0.07	-44.91	2.38	0.53	-0.28	0.10	0.15	-0.40
		2161	48.58	-0.02	-48.18	-0.02	-48.18	-0.27	0.39	-0.34	5.10e-03	0.05	-0.36
		2162	47.33	-3.92e-04	-46.52	-1.70e-03	-46.51	-0.25	0.43	-0.32	-5.23e-04	0.11	-0.37
		319	40.57	0.24	-39.37	0.07	-39.20	2.58	0.65	-0.24	0.24	0.17	-0.45
2095	4	339	82.39	0.42	-81.17	-0.06	-80.70	6.23	0.31	0.14	0.17	0.27	0.07
		2161	79.43	0.01	-78.34	0.01	-78.34	0.08	0.19	-0.02	-3.68e-03	0.18	0.05
		2162	70.66	9.92e-03	-69.63	9.88e-03	-69.63	0.06	0.18	-3.54e-03	5.96e-03	0.17	0.04
		319	74.71	0.41	-73.60	-0.08	-73.11	6.03	0.25	0.16	0.17	0.24	0.03
2096	1	319	70.77	0.58	-66.76	0.34	-66.52	4.04	1.83	-1.18	0.39	0.26	-1.50
		2162	96.18	-0.06	-94.08	-0.06	-94.07	-0.86	1.45	-1.21	3.28e-03	0.23	-1.33
		2163	96.43	-8.05e-03	-93.13	-0.01	-93.13	-0.69	1.30	-0.81	0.01	0.48	-1.03
		112	57.27	0.70	-53.89	0.27	-53.46	4.81	1.93	-0.66	0.92	0.34	-1.27
2096	2	319	185.55	1.12	-182.51	-0.22	-181.17	15.66	0.54	0.14	0.16	0.52	0.09
		2162	174.32	0.05	-171.83	0.05	-171.83	0.17	0.43	-1.10e-03	0.02	0.42	0.08
		2163	152.45	0.02	-150.19	0.02	-150.19	0.12	0.37	-0.02	-0.01	0.37	0.05
		112	166.13	1.19	-163.32	-0.20	-161.93	15.04	0.50	0.25	0.25	0.50	9.66e-03
2096	3	319	40.48	0.26	-39.30	0.09	-39.13	2.58	0.64	-0.24	0.24	0.16	-0.43
		2162	47.40	-0.01	-46.57	-0.02	-46.57	-0.24	0.45	-0.33	2.54e-03	0.12	-0.39



		2163	45.58	-2.90e-03	-44.39	-3.78e-03	-44.39	-0.20	0.40	-0.22	2.23e-03	0.19	-0.30
		112	34.68	0.29	-33.76	0.07	-33.54	2.77	0.69	-0.09	0.40	0.19	-0.38
2096	4	319	74.70	0.41	-73.59	-0.08	-73.10	6.02	0.26	0.15	0.17	0.24	0.04
		2162	70.65	0.02	-69.61	0.02	-69.61	0.06	0.18	1.40e-03	6.14e-03	0.17	0.03
		2163	62.24	6.32e-03	-61.29	6.29e-03	-61.29	0.04	0.16	-8.97e-03	-5.29e-03	0.15	0.02
		112	67.21	0.44	-66.19	-0.07	-65.68	5.80	0.24	0.20	0.20	0.24	2.59e-03
2097	1	112	57.14	0.70	-53.70	0.27	-53.27	4.80	1.97	-0.67	0.95	0.35	-1.28
		2163	96.82	-0.05	-93.32	-0.06	-93.31	-0.74	1.35	-0.79	0.03	0.53	-1.04
		2164	95.77	-7.16e-03	-90.23	-9.47e-03	-90.23	-0.46	1.00	-0.19	-0.07	0.88	-0.36
		320	44.42	1.21	-41.49	0.47	-40.75	5.58	2.00	0.34	1.80	0.54	-0.54
2097	2	112	166.24	1.21	-163.36	-0.18	-161.97	15.09	0.53	0.27	0.27	0.53	0.03
		2163	152.45	0.03	-150.13	0.03	-150.13	0.12	0.37	-0.02	-0.02	0.37	0.02
		2164	131.82	0.04	-129.76	0.04	-129.76	0.03	0.35	0.01	0.01	0.35	-2.91e-03
		320	146.71	1.19	-144.23	-0.26	-142.77	14.48	0.43	0.23	0.23	0.42	-0.02
2097	3	112	34.62	0.30	-33.71	0.07	-33.48	2.77	0.69	-0.09	0.41	0.19	-0.37
		2163	45.70	-0.01	-44.43	-0.02	-44.43	-0.21	0.43	-0.22	7.23e-03	0.20	-0.31
		2164	43.59	-7.46e-04	-41.69	-1.18e-03	-41.69	-0.13	0.33	-0.05	-0.02	0.31	-0.10
		320	29.04	0.43	-28.34	0.12	-28.03	2.97	0.72	0.19	0.66	0.24	-0.16
2097	4	112	67.24	0.45	-66.20	-0.06	-65.68	5.82	0.25	0.21	0.21	0.25	0.01
		2163	62.23	0.01	-61.27	0.01	-61.27	0.04	0.16	-8.07e-03	-7.91e-03	0.16	5.15e-03
		2164	54.28	0.01	-53.41	0.01	-53.41	0.01	0.15	4.76e-03	4.89e-03	0.15	4.23e-03
		320	59.70	0.44	-58.80	-0.10	-58.26	5.60	0.21	0.19	0.19	0.21	-9.86e-03
2098	1	320	44.51	1.29	-41.33	0.53	-40.57	5.64	2.00	0.42	1.86	0.56	-0.45
		2164	96.07	-0.03	-90.37	-0.03	-90.37	-0.41	1.03	-0.21	-0.08	0.90	-0.37
		2165	88.84	-0.03	-83.60	-0.03	-83.60	-8.18e-03	1.09	-0.23	9.43e-03	0.85	0.50
		117	38.44	1.57	-31.86	0.29	-30.58	6.40	1.92	0.19	1.67	0.44	0.61
2098	2	320	146.68	1.17	-144.17	-0.27	-142.73	14.42	0.43	0.22	0.22	0.43	-0.02
		2164	131.71	0.06	-129.73	0.06	-129.73	0.06	0.33	0.01	0.01	0.33	-0.02
		2165	112.58	0.02	-110.61	0.02	-110.61	-6.48e-03	0.32	-8.97e-03	-8.73e-03	0.32	-8.76e-03
		117	127.91	1.27	-125.65	-0.22	-124.15	13.69	0.43	0.29	0.31	0.41	-0.05
2098	3	320	29.06	0.45	-28.28	0.14	-27.97	2.98	0.71	0.21	0.68	0.25	-0.13
		2164	43.67	-4.73e-03	-41.73	-5.08e-03	-41.73	-0.12	0.35	-0.06	-0.02	0.31	-0.11
		2165	39.77	-8.33e-03	-37.97	-8.33e-03	-37.97	-4.79e-03	0.36	-0.06	2.08e-03	0.30	0.15
		117	25.26	0.50	-23.72	0.07	-23.30	3.17	0.69	0.15	0.63	0.21	0.18
2098	4	320	59.68	0.44	-58.77	-0.10	-58.24	5.58	0.21	0.19	0.19	0.21	-1.40e-03
		2164	54.23	0.02	-53.39	0.02	-53.39	0.02	0.14	4.40e-03	4.86e-03	0.14	-7.96e-03
		2165	46.81	6.58e-03	-45.98	6.58e-03	-45.98	-4.29e-03	0.14	-3.34e-03	-3.30e-03	0.14	2.39e-03
		117	52.40	0.47	-51.58	-0.08	-51.03	5.33	0.23	0.19	0.22	0.20	-0.02
2099	1	117	38.13	1.48	-31.96	0.21	-30.69	6.39	1.84	0.19	1.59	0.44	0.60
		2165	88.45	-0.02	-83.49	-0.02	-83.49	-0.08	1.07	-0.23	0.02	0.81	0.52
		2166	79.44	-0.03	-74.05	-0.03	-74.05	0.23	1.74	-1.10	-0.04	0.68	1.37
		321	37.92	2.43	-24.26	0.46	-22.28	6.99	2.52	-0.62	1.54	0.36	1.46
2099	2	117	128.16	1.31	-125.71	-0.20	-124.19	13.77	0.47	0.33	0.34	0.46	-0.03
		2165	112.50	0.02	-110.55	0.02	-110.55	-0.01	0.31	-0.03	-0.03	0.31	-0.04
		2166	94.46	0.07	-93.01	0.07	-93.01	-0.12	0.25	0.02	0.02	0.25	-0.03
		321	108.78	1.21	-107.09	-0.37	-105.51	13.00	0.32	0.21	0.24	0.28	-0.05
2099	3	117	25.19	0.47	-23.75	0.05	-23.33	3.17	0.68	0.15	0.61	0.21	0.18
		2165	39.63	-3.51e-03	-37.93	-3.53e-03	-37.93	-0.03	0.35	-0.06	5.32e-03	0.28	0.15
		2166	35.18	-4.49e-03	-33.49	-4.59e-03	-33.49	0.06	0.54	-0.32	-0.01	0.24	0.41
		321	22.52	0.67	-19.65	0.11	-19.10	3.31	0.85	-0.09	0.58	0.18	0.43
2099	4	117	52.48	0.49	-51.59	-0.07	-51.04	5.36	0.24	0.22	0.23	0.22	-6.55e-03
		2165	46.78	7.83e-03	-45.95	7.83e-03	-45.95	-7.08e-03	0.13	-0.01	-9.64e-03	0.13	-0.02
		2166	39.75	0.02	-39.10	0.02	-39.10	-0.05	0.11	7.83e-03	8.02e-03	0.11	-4.33e-03
		321	44.96	0.45	-44.34	-0.13	-43.76	5.09	0.20	0.15	0.20	0.16	-0.02
2100	1	321	38.76	2.52	-24.26	0.49	-22.24	7.08	2.69	-0.63	1.64	0.41	1.54
		2166	79.54	0.02	-74.02	0.02	-74.01	0.29	1.72	-1.09	-0.06	0.69	1.36
		2167	64.99	-0.04	-60.86	-0.04	-60.85	0.71	1.99	-1.75	-0.02	0.25	1.87
		152	41.02	3.04	-19.94	0.19	-17.10	7.57	2.74	-1.76	0.82	0.16	2.23
2100	2	321	108.89	1.18	-106.98	-0.38	-105.42	12.89	0.35	0.24	0.25	0.33	-0.04
		2166	94.31	0.08	-93.00	0.08	-93.00	-0.08	0.22	-1.80e-03	6.45e-03	0.21	-0.04
		2167	78.36	0.04	-77.05	0.04	-77.05	-0.15	0.22	-1.87e-03	7.34e-04	0.22	-0.02
		152	90.86	1.27	-89.40	-0.31	-87.82	11.85	0.34	0.21	0.29	0.26	-0.06
2100	3	321	22.66	0.68	-19.64	0.12	-19.08	3.33	0.91	-0.10	0.61	0.20	0.46
		2166	35.19	0.01	-33.47	0.01	-33.47	0.08	0.53	-0.31	-0.02	0.24	0.40
		2167	29.18	-0.01	-28.01	-0.01	-28.01	0.20	0.61	-0.51	-4.59e-03	0.11	0.56
		152	20.77	0.74	-16.57	0.04	-15.87	3.42	0.91	-0.42	0.37	0.12	0.66
2100	4	321	44.99	0.44	-44.30	-0.13	-43.72	5.05	0.21	0.17	0.20	0.17	-9.92e-03
		2166	39.68	0.03	-39.10	0.03	-39.10	-0.03	0.10	-7.49e-04	2.32e-03	0.10	-0.02
		2167	33.40	0.01	-32.81	0.01	-32.81	-0.06	0.10	2.56e-04	3.45e-04	0.10	-2.93e-03
		152	37.94	0.48	-37.41	-0.11	-36.82	4.68	0.22	0.14	0.22	0.15	-0.02
2101	1	152	41.17	2.89	-20.27	0.08	-17.46	7.57	2.70	-1.85	0.68	0.17	2.26
		2167	63.93	0.04	-60.48	0.03	-60.47	0.66	1.88	-1.78	-0.03	0.13	1.83
		2168	52.36	-0.04	-45.52	-0.05	-45.51	0.77	1.78	-2.04	0.10	-0.36	1.90
		322	38.03	3.71	-17.17	0.19	-13.65	7.81	1.80	-2.40	-0.37	-0.23	2.10
2101	2	152	91.62	1.35	-89.50	-0.26	-87.89	11.97	0.43	0.33	0.36	0.40	-0.05
		2167	78.14	0.01	-76.99	0.01	-76.99	-0.15	0.18	-0.06	-0.04	0.17	-0.06
		2168	63.93	0.13	-63.23	0.13	-63.23	-0.32	0.14	0.02	0.04	0.13	-0.04



		322	72.49	1.08	-71.88	-0.58	-70.22	10.87	0.25	0.04	0.21	0.08	-0.08
2101	3	152	20.79	0.71	-16.68	0.01	-15.98	3.42	0.91	-0.44	0.34	0.13	0.67
		2167	28.83	0.01	-27.89	9.84e-03	-27.89	0.18	0.57	-0.51	-0.01	0.07	0.54
		2168	23.45	-6.74e-03	-22.03	-8.59e-03	-22.03	0.20	0.54	-0.59	0.03	-0.08	0.57
		322	18.12	0.87	-13.97	0.02	-13.12	3.44	0.62	-0.62	0.01	-0.01	0.61
2101	4	152	38.22	0.51	-37.44	-0.09	-36.84	4.73	0.25	0.20	0.24	0.20	-0.01
		2167	33.31	3.64e-03	-32.79	3.53e-03	-32.79	-0.06	0.08	-0.02	-0.02	0.08	-0.02
		2168	27.64	0.05	-27.28	0.04	-27.28	-0.12	0.07	0.01	0.01	0.06	-9.05e-03
		322	30.75	0.42	-30.51	-0.21	-29.88	4.35	0.19	0.07	0.19	0.08	-0.03
2102	1	322	37.71	3.63	-17.29	0.03	-13.70	7.89	1.89	-2.22	-0.20	-0.13	2.06
		2168	51.91	0.07	-45.34	0.06	-45.33	0.76	1.76	-2.04	0.05	-0.33	1.89
		2169	36.18	-0.03	-29.11	-0.06	-29.08	0.97	1.23	-1.80	-0.07	-0.49	1.50
		103	32.98	4.23	-15.17	0.22	-11.16	7.85	1.48	-1.89	-0.30	-0.11	1.68
2102	2	322	72.83	1.06	-71.60	-0.52	-70.02	10.59	0.31	0.23	0.30	0.25	-0.04
		2168	63.74	0.10	-63.29	0.10	-63.29	-0.21	0.09	-0.05	-0.01	0.06	-0.06
		2169	51.87	0.08	-51.66	0.08	-51.66	-0.35	0.10	-0.08	-4.34e-03	0.03	-0.09
		103	56.61	1.02	-55.95	-0.50	-54.43	9.18	0.23	8.32e-03	0.18	0.06	-0.09
2102	3	322	18.01	0.83	-13.97	-0.02	-13.12	3.44	0.66	-0.56	0.07	0.03	0.61
		2168	23.31	0.03	-21.98	0.03	-21.98	0.21	0.52	-0.59	0.01	-0.08	0.55
		2169	17.31	-0.01	-15.86	-0.02	-15.86	0.26	0.37	-0.52	-0.02	-0.13	0.44
		103	15.32	1.00	-11.71	0.04	-10.75	3.36	0.51	-0.47	0.03	0.02	0.49
2102	4	322	30.85	0.41	-30.40	-0.18	-29.81	4.24	0.22	0.14	0.22	0.14	-8.46e-03
		2168	27.56	0.04	-27.30	0.04	-27.30	-0.08	0.05	-0.02	-5.36e-03	0.04	-0.02
		2169	22.72	0.03	-22.55	0.03	-22.55	-0.13	0.04	-0.02	-1.13e-03	0.03	-0.03
		103	24.39	0.41	-24.16	-0.18	-23.57	3.75	0.18	0.06	0.17	0.07	-0.04
2103	1	103	34.33	4.29	-15.72	0.01	-11.45	8.20	1.47	-2.06	-0.46	-0.14	1.76
		2169	35.97	0.05	-28.68	0.02	-28.65	0.95	1.16	-1.76	-0.03	-0.57	1.43
		2170	20.18	0.09	-12.08	0.03	-12.02	0.88	0.63	-1.33	0.11	-0.81	0.87
		315	24.88	4.03	-13.68	-0.30	-9.35	7.61	0.21	-1.76	-1.14	-0.40	0.91
2103	2	103	57.42	1.10	-55.66	-0.43	-54.13	9.19	0.19	-0.07	-0.03	0.15	-0.10
		2169	52.44	0.07	-51.80	0.07	-51.80	-0.32	0.19	-0.09	0.13	-0.03	-0.11
		2170	43.54	0.13	-43.02	0.12	-43.02	-0.48	0.03	-0.18	-0.15	1.55e-03	-0.07
		315	41.56	0.72	-40.78	-0.71	-39.35	7.57	0.67	-0.03	0.55	0.08	-0.26
2103	3	103	15.54	1.00	-11.83	-0.02	-10.81	3.46	0.51	-0.52	-0.03	0.02	0.52
		2169	17.34	0.01	-15.74	9.45e-03	-15.74	0.25	0.34	-0.50	-4.20e-04	-0.16	0.41
		2170	11.50	0.02	-9.68	0.02	-9.68	0.22	0.18	-0.39	0.02	-0.22	0.26
		315	11.72	0.95	-9.66	-0.13	-8.59	3.20	0.13	-0.39	-0.19	-0.07	0.25
2103	4	103	24.69	0.44	-24.05	-0.15	-23.46	3.75	0.13	0.07	0.10	0.11	-0.03
		2169	22.75	0.02	-22.60	0.02	-22.60	-0.12	0.08	-0.02	0.05	2.46e-03	-0.04
		2170	19.14	0.05	-18.86	0.04	-18.86	-0.18	0.02	-0.06	-0.05	0.02	-0.02
		315	18.46	0.32	-18.05	-0.25	-17.48	3.19	0.35	0.04	0.31	0.07	-0.10
2104	1	315	24.66	4.55	-13.74	0.12	-9.31	7.83	0.25	-1.62	-1.03	-0.34	0.87
		2170	19.66	-0.07	-12.00	-0.12	-11.94	0.82	0.61	-1.29	0.09	-0.78	0.85
		2171	7.34	4.03	0.05	0.26	3.82	0.88	-0.07	-0.69	-0.10	-0.65	0.14
		153	15.27	4.37	-11.75	-0.41	-6.98	7.36	-0.13	-0.58	-0.56	-0.15	0.09
2104	2	315	41.52	0.77	-40.32	-0.68	-38.87	7.59	0.34	0.04	0.34	0.05	0.03
		2170	43.76	0.10	-43.23	0.09	-43.22	-0.54	0.17	-0.31	-0.06	-0.09	-0.24
		2171	39.27	0.24	-37.59	0.24	-37.59	-0.30	0.19	-0.23	0.14	-0.18	-0.14
		153	28.28	0.42	-27.01	-0.58	-26.00	5.15	0.15	-0.45	-0.19	-0.11	-0.30
2104	3	315	11.85	1.11	-9.64	4.37e-04	-8.53	3.27	0.16	-0.38	-0.17	-0.05	0.26
		2170	11.40	-0.03	-9.67	-0.03	-9.66	0.20	0.16	-0.36	0.02	-0.22	0.23
		2171	5.23	0.11	-4.05	0.09	-4.04	0.24	-0.01	-0.20	-0.02	-0.19	0.04
		153	8.23	1.06	-7.54	-0.15	-6.33	2.99	-9.64e-03	-0.07	-0.07	-9.73e-03	2.31e-03
2104	4	315	18.40	0.34	-17.87	-0.24	-17.29	3.20	0.23	0.07	0.23	0.07	0.01
		2170	19.06	0.03	-18.94	0.03	-18.93	-0.21	0.07	-0.11	-0.02	-0.02	-0.09
		2171	16.83	0.09	-16.31	0.09	-16.31	-0.12	0.07	-0.07	0.05	-0.05	-0.05
		153	12.86	0.25	-12.41	-0.20	-11.97	2.34	0.13	-0.09	0.04	2.55e-04	-0.11
2105	1	153	16.99	5.86	-11.72	1.10	-6.96	7.81	-0.14	-0.89	-0.84	-0.19	0.19
		2171	9.34	4.17	-1.20	-1.11	4.08	0.69	0.04	-0.74	0.04	-0.74	0.02
		2172	22.60	19.20	2.04	2.13	19.11	1.23	0.25	-0.84	-0.02	-0.57	-0.48
		316	18.15	2.33	-10.14	-2.46	-5.35	6.07	0.14	-1.28	-0.79	-0.35	-0.67
2105	2	153	30.30	1.09	-28.51	-0.20	-27.22	6.04	0.44	-0.14	0.20	0.10	-0.28
		2171	37.28	-0.96	-36.94	-0.98	-36.92	-0.74	0.12	-0.28	-0.03	-0.13	-0.19
		2172	37.72	2.04	-36.19	2.03	-36.18	-0.58	0.20	-0.27	-0.01	-0.06	-0.23
		316	14.15	-1.22	-13.79	-1.92	-13.08	2.89	0.63	-0.20	0.46	-0.03	-0.34
2105	3	153	8.75	1.61	-7.69	0.34	-6.41	3.20	6.97e-03	-0.14	-0.13	-1.03e-03	0.03
		2171	5.04	-0.42	-3.91	-0.42	-3.91	0.14	0.01	-0.22	0.01	-0.22	-9.62e-03
		2172	2.70	1.37	0.62	0.81	1.19	0.32	0.08	-0.23	-2.95e-03	-0.14	-0.14
		316	7.55	0.45	-5.55	-0.87	-4.23	2.48	0.16	-0.28	-0.06	-0.06	-0.22
2105	4	153	13.67	0.50	-12.97	-0.05	-12.41	2.68	0.25	0.02	0.18	0.09	-0.11
		2171	16.10	-0.38	-16.06	-0.38	-16.06	-0.28	0.05	-0.10	-0.01	-0.04	-0.07
		2172	15.63	0.78	-15.20	0.78	-15.19	-0.21	0.07	-0.07	4.56e-04	5.05e-03	-0.07
		316	7.10	-0.33	-6.90	-0.71	-6.52	1.54	0.36	-0.01	0.31	0.04	-0.12
2106	1	316	26.74	12.50	-9.86	-4.90e-03	2.65	11.10	0.26	-1.41	-1.08	-0.07	-0.67
		2172	29.26	15.14	-12.33	-11.15	13.95	-5.57	0.72	-1.49	0.31	-1.09	-0.86
		2109	45.54	46.90	13.67	21.13	39.44	13.86	1.34	-1.06	-0.61	0.88	-0.94
		340	20.78	8.34	-12.57	8.26	-12.48	-1.34	0.21	-1.30	-0.61	-0.48	-0.76



2106	2	316	11.16	-0.32	-9.89	-3.03	-7.18	4.32	0.31	-0.17	0.21	-0.07	-0.19
		2172	42.41	-8.06	-44.89	-9.31	-43.64	-6.67	0.22	-0.29	-0.04	-0.03	-0.26
		2109	41.83	18.50	-25.79	15.45	-22.75	11.21	0.31	-0.33	0.28	-0.30	0.13
		340	37.60	26.42	-13.18	23.33	-10.09	10.62	1.26	-0.28	0.99	-0.02	-0.58
2106	3	316	9.43	3.40	-4.91	-0.20	-1.32	4.12	0.17	-0.27	-0.13	0.04	-0.20
		2172	7.12	0.16	-5.29	-4.14	-0.99	-2.23	0.20	-0.38	0.08	-0.25	-0.24
		2109	13.90	13.55	3.20	7.64	9.12	5.12	0.28	-0.25	-0.13	0.16	-0.22
		340	9.98	4.55	-5.67	4.45	-5.57	1.01	0.34	-0.27	0.16	-0.08	-0.28
2106	4	316	5.79	-0.04	-5.29	-1.10	-4.23	2.11	0.27	0.02	0.25	0.04	-0.06
		2172	17.39	-3.15	-18.50	-3.59	-18.06	-2.56	0.09	-0.06	-0.03	0.06	-0.06
		2109	17.26	7.10	-10.45	5.96	-9.31	4.33	0.16	-0.22	0.13	-0.19	0.10
		340	16.42	10.29	-6.23	8.91	-4.86	4.56	0.71	-0.02	0.63	0.06	-0.23
2107	1	340	26.53	13.47	-8.63	11.05	-6.22	-6.89	1.00	-0.91	0.03	0.06	-0.95
		2109	34.03	32.33	21.71	31.90	22.14	2.10	0.35	-1.16	-1.14	0.32	-0.20
		1397	15.70	3.79	-7.67	-3.91	0.04	-5.38	1.55	0.37	0.55	1.38	0.42
		314	22.03	13.96	-10.27	3.46	0.24	-12.01	0.24	0.02	0.17	0.10	0.10
2107	2	340	55.63	35.02	-25.89	31.34	-22.21	14.51	2.39	1.49	2.18	1.71	-0.38
		2109	40.74	33.50	-11.15	33.10	-10.74	4.23	0.32	-0.54	0.01	-0.23	-0.41
		1397	18.89	3.54	-9.51	-8.79	2.81	-2.99	0.42	-1.20	-0.61	-0.17	-0.78
		314	33.49	4.03	-23.29	-14.36	-4.90	12.82	1.22	-0.68	1.12	-0.59	-0.42
2107	3	340	11.35	6.16	-4.91	6.16	-4.90	-0.29	0.74	0.13	0.50	0.36	-0.30
		2109	12.87	12.47	5.16	12.34	5.29	0.98	0.06	-0.37	-0.31	3.84e-03	-0.15
		1397	5.97	1.34	-3.79	-2.80	0.35	-2.03	0.39	0.03	0.03	0.39	-0.03
		314	4.40	1.04	-3.19	-1.54	-0.61	-2.06	0.23	-0.11	0.23	-0.11	-0.03
2107	4	340	23.45	13.73	-11.21	12.17	-9.64	6.05	1.18	0.80	1.13	0.85	-0.13
		2109	16.26	12.84	-4.60	12.69	-4.45	1.62	0.16	-0.30	0.03	-0.16	-0.21
		1397	9.06	1.47	-4.55	-4.25	1.17	-1.32	0.21	-0.60	-0.31	-0.07	-0.39
		314	14.73	1.31	-10.26	-6.82	-2.14	5.29	0.55	-0.35	0.51	-0.31	-0.18
2108	1	2173	179.57	-4.14	-179.66	-4.21	-179.60	-3.35	0.42	-0.23	-0.10	0.29	-0.26
		333	130.53	4.31	-126.66	3.48	-125.83	-10.40	0.79	0.30	0.50	0.59	-0.24
		318	118.77	0.34	-118.46	-1.85	-116.27	-15.99	0.88	0.07	0.53	0.42	-0.40
		2174	153.14	2.05	-148.49	2.05	-148.49	0.04	0.84	-0.14	0.07	0.63	-0.40
2108	2	2173	271.91	-5.85	-270.63	-5.89	-270.59	-3.49	0.82	-0.45	-0.20	0.57	0.50
		333	290.44	5.55	-282.80	5.44	-282.69	-5.82	1.55	0.34	0.75	1.14	0.57
		318	264.26	-1.97	-262.13	-2.89	-261.21	-15.43	0.89	-0.03	0.28	0.58	0.44
		2174	260.24	2.83	-253.60	2.81	-253.59	2.04	1.16	-0.07	0.14	0.94	0.46
2108	3	2173	80.73	-1.82	-80.71	-1.85	-80.68	-1.35	0.14	-0.06	-0.05	0.13	-0.03
		333	67.54	1.75	-65.74	1.57	-65.55	-3.55	0.35	0.28	0.31	0.31	-0.03
		318	61.72	-0.22	-61.53	-0.85	-60.91	-6.14	0.34	0.16	0.28	0.21	-0.08
		2174	71.97	0.90	-69.89	0.90	-69.89	0.21	0.32	5.73e-03	0.03	0.29	-0.09
2108	4	2173	108.10	-2.33	-107.66	-2.35	-107.64	-1.39	0.31	-0.17	-0.08	0.21	0.19
		333	114.96	2.19	-112.07	2.15	-112.02	-2.20	0.64	0.22	0.38	0.48	0.21
		318	104.91	-0.81	-104.20	-1.15	-103.85	-5.97	0.40	0.06	0.21	0.26	0.17
		2174	103.71	1.13	-101.04	1.12	-101.03	0.80	0.45	-0.01	0.06	0.38	0.17
2109	1	2175	202.97	-35.52	-217.69	-38.63	-214.57	-23.61	0.39	-0.20	0.15	0.04	-0.29
		313	127.31	-33.15	-138.01	-33.78	-137.38	-8.08	-0.04	-0.74	-0.32	-0.45	-0.34
		333	147.57	12.73	-140.20	10.04	-137.51	-20.10	0.66	-0.04	0.25	0.38	-0.34
		2173	183.02	23.09	-169.57	22.12	-168.61	13.62	0.39	-0.43	-0.04	9.36e-03	-0.41
2109	2	2175	280.99	-48.23	-300.86	-54.02	-295.07	-37.81	0.75	-0.35	0.33	0.07	0.54
		313	288.67	-73.56	-313.86	-74.13	-313.28	-11.75	-0.15	-1.43	-0.59	-0.99	0.60
		333	317.42	24.72	-301.12	23.59	-299.99	-19.14	0.93	0.19	0.41	0.70	0.34
		2173	271.48	33.79	-252.25	31.46	-249.92	25.73	0.37	-0.37	-0.14	0.14	0.34
2109	3	2175	88.36	-15.43	-95.05	-16.92	-93.56	-10.80	0.13	-2.95e-03	0.08	0.05	-0.07
		313	66.21	-17.14	-71.89	-17.37	-71.66	-3.54	-0.12	-0.27	-0.15	-0.24	-0.06
		333	75.18	6.05	-71.55	5.26	-70.77	-7.76	0.28	0.12	0.20	0.20	-0.08
		2173	81.60	10.26	-75.85	9.75	-75.35	6.59	0.10	-0.15	-0.03	-0.03	-0.12
2109	4	2175	111.89	-19.19	-119.70	-21.48	-117.41	-15.01	0.28	-0.09	0.13	0.06	0.18
		313	114.08	-29.10	-124.00	-29.33	-123.78	-4.63	-0.08	-0.55	-0.23	-0.39	0.22
		333	125.61	9.71	-119.34	9.28	-118.91	-7.47	0.40	0.15	0.25	0.30	0.12
		2173	107.81	13.43	-100.36	12.52	-99.44	10.18	0.09	-0.13	-0.06	0.01	0.10
2110	1	2174	151.15	-0.36	-148.27	-0.37	-148.26	-1.17	0.73	-0.26	-0.03	0.50	-0.42
		318	119.45	2.31	-117.43	0.65	-115.77	-14.00	1.03	0.19	0.63	0.59	-0.42
		121	109.45	2.18	-107.15	0.01	-104.98	-15.25	1.33	-0.03	0.77	0.53	-0.67
		2176	126.27	0.09	-122.20	0.08	-122.20	-0.89	1.07	-0.42	2.06e-03	0.65	-0.67
2110	2	2174	257.24	-0.37	-253.13	-0.37	-253.13	-0.11	0.86	-0.23	-0.05	0.68	0.40
		318	266.66	1.09	-261.47	0.59	-260.97	-11.44	1.21	0.23	0.48	0.96	0.43
		121	245.30	0.69	-241.67	-0.03	-240.96	-13.16	0.94	0.15	0.40	0.69	0.37
		2176	243.35	0.07	-238.67	0.07	-238.67	0.52	0.91	-0.09	0.03	0.79	0.33
2110	3	2174	70.97	-0.15	-69.78	-0.15	-69.78	-0.36	0.24	-0.05	-0.01	0.21	-0.09
		318	62.19	0.68	-61.16	0.25	-60.72	-5.15	0.42	0.22	0.33	0.30	-0.10
		121	56.84	0.57	-56.38	-9.43e-04	-55.80	-5.69	0.49	0.14	0.37	0.26	-0.17
		2176	62.42	0.03	-60.74	0.03	-60.74	-0.22	0.36	-0.08	3.17e-03	0.28	-0.17
2110	4	2174	102.41	-0.15	-100.85	-0.15	-100.85	-0.05	0.33	-0.09	-0.02	0.26	0.15
		318	105.87	0.42	-103.93	0.23	-103.75	-4.39	0.52	0.18	0.29	0.41	0.16
		121	97.67	0.25	-96.36	-0.01	-96.09	-5.07	0.43	0.14	0.26	0.30	0.14
		2176	97.13	0.03	-95.25	0.03	-95.25	0.20	0.36	-0.03	0.01	0.32	0.12
2111	1	2176	125.80	-0.02	-121.96	-0.03	-121.95	-0.95	1.04	-0.43	-8.28e-03	0.62	-0.66



		121	109.39	2.38	-107.17	0.25	-105.04	-15.12	1.39	-0.03	0.79	0.58	-0.70
		317	100.17	2.73	-95.70	0.14	-93.11	-15.74	1.73	-0.37	0.84	0.53	-1.04
		2177	99.12	-0.05	-94.99	-0.06	-94.98	-0.95	1.35	-0.74	-0.01	0.62	-1.00
2111	2	2176	242.92	3.09e-03	-238.63	2.73e-03	-238.63	0.29	0.84	-0.14	-0.01	0.71	0.33
		121	245.82	0.81	-241.52	0.14	-240.85	-12.71	1.02	0.24	0.45	0.81	0.35
		317	224.98	0.84	-221.45	0.06	-220.68	-13.08	0.86	0.26	0.43	0.68	0.27
		2177	227.36	-0.03	-223.24	-0.03	-223.24	0.30	0.76	-0.06	3.23e-03	0.69	0.22
2111	3	2176	62.21	-7.88e-03	-60.66	-8.98e-03	-60.66	-0.26	0.34	-0.08	-3.47e-03	0.25	-0.17
		121	57.00	0.65	-56.37	0.09	-55.81	-5.61	0.52	0.14	0.38	0.28	-0.18
		317	51.88	0.71	-51.18	0.05	-50.52	-5.83	0.61	0.03	0.39	0.26	-0.28
		2177	52.86	-0.02	-51.27	-0.02	-51.27	-0.26	0.44	-0.18	-3.21e-03	0.26	-0.28
2111	4	2176	96.93	1.17e-03	-95.23	1.04e-03	-95.23	0.11	0.33	-0.05	-4.04e-03	0.28	0.13
		121	97.88	0.31	-96.30	0.06	-96.05	-4.90	0.45	0.18	0.28	0.35	0.13
		317	89.90	0.31	-88.60	0.03	-88.32	-5.04	0.39	0.18	0.27	0.30	0.10
		2177	90.92	-0.01	-89.27	-0.01	-89.27	0.11	0.30	-0.02	1.39e-03	0.28	0.08
2112	1	2177	98.87	0.02	-94.73	5.98e-03	-94.72	-0.94	1.34	-0.73	-0.01	0.62	-0.99
		317	100.33	2.73	-95.79	0.13	-93.19	-15.79	1.79	-0.38	0.86	0.55	-1.07
		339	90.38	3.05	-83.45	-0.02	-80.39	-16.00	1.96	-0.84	0.68	0.43	-1.39
		2178	71.02	-0.03	-67.32	-0.04	-67.31	-0.91	1.51	-1.08	-0.02	0.45	-1.27
2112	2	2177	227.29	1.49e-03	-223.27	1.15e-03	-223.27	0.28	0.75	-0.08	-3.67e-03	0.67	0.24
		317	225.07	0.84	-221.35	0.07	-220.59	-13.00	0.87	0.30	0.44	0.73	0.25
		339	204.88	0.91	-201.60	0.05	-200.75	-13.16	0.73	0.32	0.41	0.64	0.17
		2178	210.94	-7.77e-03	-207.26	-8.01e-03	-207.26	0.23	0.64	-0.03	9.77e-05	0.61	0.14
2112	3	2177	52.77	3.34e-03	-51.19	2.07e-03	-51.19	-0.25	0.42	-0.17	-4.16e-03	0.25	-0.27
		317	51.90	0.71	-51.19	0.05	-50.53	-5.84	0.64	0.02	0.40	0.27	-0.30
		339	46.95	0.77	-45.76	6.75e-04	-44.99	-5.93	0.68	-0.12	0.34	0.23	-0.40
		2178	42.94	-0.01	-41.61	-0.01	-41.61	-0.25	0.48	-0.29	-6.17e-03	0.20	-0.37
2112	4	2177	90.88	7.65e-04	-89.28	6.43e-04	-89.28	0.10	0.30	-0.03	-1.33e-03	0.27	0.10
		317	89.92	0.32	-88.56	0.03	-88.28	-5.02	0.39	0.20	0.27	0.32	0.09
		339	82.17	0.34	-80.97	0.02	-80.65	-5.08	0.34	0.21	0.26	0.29	0.07
		2178	84.55	-4.28e-03	-83.08	-4.37e-03	-83.08	0.09	0.26	-9.25e-03	-1.93e-05	0.25	0.05
2113	1	2178	70.58	0.05	-67.00	0.04	-66.99	-0.90	1.47	-1.07	-0.02	0.43	-1.25
		339	90.60	3.04	-83.53	-0.06	-80.43	-16.08	1.99	-0.89	0.67	0.43	-1.43
		319	78.66	3.01	-70.47	-0.40	-67.05	-15.46	1.67	-1.33	0.16	0.18	-1.50
		2179	42.67	0.04	-40.27	0.02	-40.25	-0.80	1.39	-1.29	0.01	0.08	-1.34
2113	2	2178	210.86	-0.01	-207.29	-0.01	-207.29	0.23	0.64	-0.04	-1.26e-04	0.60	0.16
		339	204.93	0.91	-201.56	0.06	-200.71	-13.14	0.73	0.33	0.41	0.66	0.16
		319	184.97	1.04	-182.00	0.07	-181.03	-13.30	0.62	0.36	0.39	0.59	0.09
		2179	194.20	7.16e-04	-190.84	5.29e-04	-190.84	0.19	0.57	-3.35e-03	3.02e-03	0.56	0.06
2113	3	2178	42.80	0.01	-41.51	0.01	-41.51	-0.25	0.46	-0.28	-7.09e-03	0.19	-0.35
		339	46.99	0.76	-45.77	-8.90e-03	-44.99	-5.95	0.70	-0.14	0.34	0.23	-0.41
		319	41.53	0.73	-40.12	-0.11	-39.28	-5.79	0.60	-0.27	0.19	0.15	-0.43
		2179	32.79	6.64e-03	-32.09	5.13e-03	-32.08	-0.22	0.44	-0.35	4.32e-03	0.08	-0.39
2113	4	2178	84.52	-3.81e-03	-83.08	-3.90e-03	-83.08	0.09	0.26	-0.02	-1.04e-05	0.24	0.06
		339	82.18	0.34	-80.95	0.03	-80.63	-5.08	0.34	0.22	0.26	0.30	0.06
		319	74.51	0.39	-73.41	0.03	-73.05	-5.14	0.30	0.22	0.25	0.27	0.04
		2179	78.06	-1.09e-03	-76.70	-1.16e-03	-76.70	0.07	0.23	-4.63e-04	1.24e-03	0.23	0.02
2114	1	2179	42.44	0.12	-39.95	0.11	-39.93	-0.82	1.37	-1.30	6.42e-03	0.07	-1.33
		319	78.72	2.98	-70.49	-0.43	-67.08	-15.46	1.70	-1.33	0.18	0.20	-1.52
		112	64.61	2.69	-57.39	-0.70	-54.01	-13.85	1.09	-1.44	-0.32	-0.03	-1.26
		2180	21.54	0.10	-15.56	0.07	-15.53	-0.62	0.90	-1.29	-0.02	-0.36	-1.08
2114	2	2179	194.23	-1.73e-03	-190.88	-1.89e-03	-190.88	0.17	0.57	-3.64e-03	6.10e-03	0.56	0.07
		319	184.91	1.04	-181.93	0.08	-180.96	-13.27	0.61	0.37	0.39	0.59	0.07
		112	165.59	1.19	-162.88	0.08	-161.77	-13.44	0.54	0.37	0.37	0.54	0.02
		2180	176.51	-0.01	-173.79	-0.01	-173.79	0.11	0.45	-8.01e-03	-8.00e-03	0.45	-2.41e-03
2114	3	2179	32.68	0.03	-31.99	0.03	-31.99	-0.23	0.43	-0.35	2.77e-03	0.08	-0.38
		319	41.56	0.72	-40.12	-0.12	-39.28	-5.78	0.62	-0.27	0.19	0.15	-0.45
		112	35.69	0.63	-34.51	-0.20	-33.69	-5.33	0.43	-0.31	0.04	0.08	-0.37
		2180	23.80	0.02	-23.19	0.02	-23.19	-0.18	0.29	-0.36	-7.77e-03	-0.06	-0.32
2114	4	2179	78.07	-4.90e-04	-76.71	-5.48e-04	-76.71	0.07	0.23	-1.92e-03	2.68e-03	0.23	0.03
		319	74.47	0.39	-73.38	0.03	-73.02	-5.13	0.29	0.24	0.25	0.27	0.02
		112	67.03	0.44	-66.03	0.03	-65.62	-5.21	0.26	0.24	0.25	0.25	0.01
		2180	71.19	-6.18e-03	-70.08	-6.21e-03	-70.08	0.04	0.18	-3.43e-03	-3.37e-03	0.18	-3.50e-03
2115	1	2180	21.29	0.17	-15.21	0.14	-15.18	-0.67	0.83	-1.29	-0.05	-0.41	-1.04
		112	64.86	2.72	-57.46	-0.70	-54.03	-13.94	1.13	-1.48	-0.33	-0.02	-1.30
		320	47.53	1.51	-44.57	-1.33	-41.73	-11.07	-0.18	-1.51	-1.25	-0.44	-0.52
		2181	11.11	4.88	0.16	0.19	4.86	-0.34	0.22	-1.06	0.08	-0.92	-0.39
2115	2	2180	176.49	-0.02	-173.79	-0.02	-173.79	0.13	0.45	-6.05e-03	-4.71e-03	0.45	0.02
		112	165.69	1.19	-162.88	0.08	-161.77	-13.46	0.55	0.37	0.37	0.55	0.01
		320	146.28	1.40	-143.87	0.10	-142.57	-13.68	0.46	0.35	0.35	0.46	-5.97e-03
		2181	158.66	-2.55e-03	-156.20	-2.59e-03	-156.20	0.08	0.41	-1.53e-03	6.28e-04	0.41	-0.03
2115	3	2180	23.74	0.04	-23.08	0.04	-23.08	-0.19	0.26	-0.35	-0.01	-0.07	-0.30
		112	35.74	0.64	-34.53	-0.20	-33.69	-5.36	0.45	-0.32	0.04	0.09	-0.38
		320	29.28	0.34	-29.03	-0.38	-28.31	-4.54	0.04	-0.32	-0.24	-0.04	-0.15
		2181	17.03	0.05	-15.52	0.05	-15.52	-0.09	0.07	-0.27	0.02	-0.22	-0.12
2115	4	2180	71.18	-6.50e-03	-70.07	-6.53e-03	-70.07	0.05	0.19	-3.01e-03	-1.90e-03	0.18	0.01
		112	67.05	0.44	-66.02	0.03	-65.61	-5.22	0.26	0.24	0.24	0.25	3.87e-03



		320	59.56	0.52	-58.67	0.04	-58.18	-5.31	0.24	0.22	0.24	0.22	2.15e-03
		2181	64.26	-2.58e-03	-63.24	-2.60e-03	-63.24	0.03	0.17	-7.62e-04	2.39e-04	0.17	-0.01
2116	1	2181	11.46	5.12	0.22	0.25	5.09	-0.40	0.21	-1.08	0.09	-0.96	-0.37
		320	46.97	1.33	-44.44	-1.40	-41.70	-10.86	-0.26	-1.51	-1.31	-0.46	-0.46
		117	37.11	0.29	-33.13	-1.26	-31.59	-7.01	-0.04	-1.45	-1.09	-0.40	0.61
		2182	24.66	18.44	0.19	0.19	18.44	-3.08e-03	0.18	-1.17	-0.01	-0.98	0.47
2116	2	2181	158.62	3.91e-03	-156.22	3.89e-03	-156.22	0.06	0.40	-6.29e-03	-6.03e-03	0.40	-0.01
		320	146.24	1.41	-143.80	0.11	-142.50	-13.65	0.48	0.35	0.36	0.48	-0.03
		117	127.72	1.62	-125.48	0.09	-123.95	-13.86	0.42	0.28	0.30	0.40	-0.04
		2182	139.75	-0.02	-137.77	-0.02	-137.77	-0.03	0.34	-1.22e-03	6.87e-03	0.34	-0.05
2116	3	2181	17.04	0.08	-15.45	0.08	-15.45	-0.11	0.06	-0.27	0.03	-0.24	-0.11
		320	29.25	0.30	-28.99	-0.40	-28.29	-4.47	0.02	-0.32	-0.25	-0.05	-0.14
		117	24.99	0.12	-24.06	-0.36	-23.59	-3.36	0.08	-0.31	-0.19	-0.04	0.18
		2182	11.37	0.05	-9.79	0.05	-9.79	-1.79e-03	0.05	-0.31	-2.88e-03	-0.25	0.13
2116	4	2181	64.24	1.36e-03	-63.24	1.35e-03	-63.24	0.02	0.16	-2.20e-03	-2.19e-03	0.16	1.66e-03
		320	59.53	0.52	-58.63	0.05	-58.15	-5.30	0.25	0.22	0.24	0.23	-0.01
		117	52.34	0.60	-51.51	0.04	-50.95	-5.39	0.22	0.19	0.22	0.20	-0.01
		2182	56.91	-0.01	-56.07	-0.01	-56.07	-8.90e-03	0.14	-6.55e-04	2.53e-03	0.14	-0.02
2117	1	2182	24.60	18.50	0.19	0.19	18.50	-0.09	0.19	-1.19	-0.05	-0.95	0.53
		117	37.13	0.40	-33.25	-1.18	-31.67	-7.10	0.01	-1.31	-0.97	-0.33	0.58
		321	31.50	-1.05	-23.94	-1.54	-23.45	-3.29	0.78	-2.24	-1.01	-0.45	1.48
		2183	32.85	24.65	0.26	0.26	24.64	0.34	1.02	-1.84	0.06	-0.88	1.35
2117	2	2182	139.62	-0.02	-137.72	-0.02	-137.72	0.01	0.32	-5.99e-03	-2.77e-03	0.32	-0.03
		117	127.99	1.61	-125.53	0.07	-123.99	-13.90	0.46	0.29	0.31	0.44	-0.04
		321	108.93	1.94	-107.09	0.09	-105.24	-14.09	0.34	0.27	0.30	0.31	-0.03
		2183	120.44	3.38e-03	-118.83	3.37e-03	-118.83	-0.04	0.28	-9.73e-03	4.60e-03	0.27	-0.06
2117	3	2182	11.29	0.05	-9.76	0.05	-9.76	-0.02	0.07	-0.32	-0.02	-0.24	0.16
		117	25.03	0.15	-24.09	-0.34	-23.61	-3.39	0.10	-0.27	-0.16	-0.01	0.17
		321	21.18	-0.17	-19.70	-0.44	-19.43	-2.30	0.33	-0.56	-0.17	-0.06	0.44
		2183	8.72	0.08	-6.18	0.08	-6.17	0.10	0.31	-0.51	0.02	-0.22	0.39
2117	4	2182	56.85	-7.60e-03	-56.04	-7.60e-03	-56.04	5.94e-03	0.14	-1.33e-03	-1.03e-03	0.14	-6.40e-03
		117	52.43	0.60	-51.53	0.03	-50.96	-5.41	0.23	0.20	0.22	0.22	-0.02
		321	45.02	0.72	-44.34	0.04	-43.66	-5.50	0.22	0.16	0.22	0.16	-6.67e-03
		2183	49.38	-8.54e-04	-48.68	-8.57e-04	-48.68	-0.01	0.12	-3.53e-03	1.73e-03	0.12	-0.03
2118	1	2183	33.26	24.57	0.25	0.25	24.57	0.26	1.04	-1.89	0.08	-0.92	1.38
		321	31.45	-1.21	-23.77	-1.61	-23.37	-2.98	0.75	-2.36	-1.12	-0.48	1.52
		152	30.45	-0.96	-18.00	-0.99	-17.96	0.81	2.04	-2.44	-0.24	-0.16	2.24
		2184	31.34	23.23	0.17	0.19	23.22	0.63	1.65	-2.05	0.01	-0.41	1.84
2118	2	2183	120.30	0.03	-118.82	0.03	-118.82	-0.08	0.25	-0.01	-4.54e-03	0.24	-0.04
		321	109.03	1.93	-107.01	0.09	-105.16	-14.05	0.39	0.28	0.32	0.36	-0.05
		152	91.42	2.25	-89.78	0.04	-87.57	-14.09	0.34	0.22	0.30	0.26	-0.06
		2184	100.32	-0.03	-98.97	-0.03	-98.97	-0.19	0.26	-0.02	8.83e-03	0.23	-0.08
2118	3	2183	8.90	0.08	-6.19	0.08	-6.19	0.07	0.32	-0.54	0.02	-0.24	0.41
		321	21.14	-0.21	-19.65	-0.46	-19.39	-2.20	0.32	-0.58	-0.20	-0.07	0.45
		152	18.19	-0.21	-16.18	-0.28	-16.10	-1.11	0.70	-0.62	0.06	0.02	0.66
		2184	7.91	0.06	-4.73	0.05	-4.72	0.17	0.50	-0.58	5.02e-03	-0.09	0.54
2118	4	2183	49.33	9.02e-03	-48.68	9.01e-03	-48.68	-0.03	0.11	-2.55e-03	-1.75e-03	0.11	-9.33e-03
		321	45.05	0.72	-44.31	0.04	-43.63	-5.48	0.23	0.17	0.23	0.18	-0.02
		152	38.15	0.84	-37.54	0.02	-36.73	-5.53	0.22	0.14	0.22	0.15	-0.02
		2184	41.53	-0.01	-40.93	-0.01	-40.93	-0.07	0.11	-5.28e-03	3.40e-03	0.10	-0.03
2119	1	2184	30.76	22.92	0.08	0.09	22.91	0.55	1.72	-2.02	1.22e-03	-0.30	1.86
		152	30.39	-0.82	-18.10	-0.85	-18.06	0.75	2.18	-2.30	-0.05	-0.07	2.24
		322	31.29	-0.11	-14.78	-0.68	-14.22	2.83	2.73	-1.58	0.92	0.23	2.13
		2185	27.52	16.12	0.12	0.16	16.08	0.82	1.98	-1.81	-0.08	0.25	1.89
2119	2	2184	100.02	-0.01	-98.84	-0.01	-98.84	-0.13	0.19	-0.05	-0.04	0.18	-0.05
		152	92.17	2.23	-89.92	-7.14e-03	-87.69	-14.18	0.45	0.31	0.36	0.40	-0.07
		322	74.41	2.78	-72.63	0.03	-69.88	-14.14	0.25	0.08	0.24	0.09	-0.04
		2185	79.69	0.03	-78.90	0.03	-78.90	-0.17	0.20	-4.20e-03	0.04	0.15	-0.09
2119	3	2184	7.93	0.03	-4.80	0.03	-4.80	0.16	0.52	-0.59	-2.84e-03	-0.06	0.55
		152	18.29	-0.16	-16.22	-0.24	-16.14	-1.13	0.75	-0.57	0.12	0.06	0.66
		322	14.92	-0.17	-13.28	-0.19	-13.26	-0.54	0.91	-0.39	0.40	0.12	0.63
		2185	7.74	0.06	-4.92	0.05	-4.91	0.23	0.60	-0.51	-0.02	0.10	0.55
2119	4	2184	41.41	-6.35e-03	-40.87	-6.40e-03	-40.87	-0.05	0.08	-0.02	-0.01	0.08	-0.01
		152	38.42	0.83	-37.59	6.32e-03	-36.77	-5.56	0.25	0.19	0.24	0.20	-0.02
		322	31.45	1.03	-30.76	0.02	-29.75	-5.57	0.20	0.08	0.20	0.08	-0.01
		2185	33.45	8.06e-03	-33.05	7.95e-03	-33.05	-0.06	0.09	8.06e-04	0.02	0.07	-0.03
2120	1	2185	27.24	15.80	0.02	0.05	15.77	0.73	2.00	-1.85	-0.05	0.19	1.92
		322	30.45	0.09	-14.69	-0.54	-14.06	2.98	2.52	-1.58	0.77	0.18	2.03
		103	28.40	0.99	-12.98	-0.46	-11.53	4.25	2.29	-1.18	0.89	0.22	1.70
		2186	18.77	5.80	-0.04	0.11	5.65	0.92	1.75	-1.22	0.08	0.46	1.48
2120	2	2185	79.33	0.05	-78.87	0.05	-78.87	-0.26	0.09	-0.03	-0.01	0.07	-0.04
		322	74.19	2.75	-72.49	8.71e-03	-69.75	-14.09	0.35	0.18	0.29	0.24	-0.08
		103	59.80	3.17	-57.41	-0.12	-54.12	-13.73	0.40	0.10	0.39	0.11	-0.06
		2186	59.10	8.29e-03	-58.04	6.34e-03	-58.04	-0.34	0.31	-0.06	0.04	0.20	-0.17
2120	3	2185	7.86	0.03	-5.00	0.02	-4.99	0.20	0.61	-0.54	-0.02	0.08	0.57
		322	14.74	-0.13	-13.22	-0.15	-13.20	-0.50	0.85	-0.37	0.36	0.12	0.59
		103	12.49	-0.13	-10.84	-0.13	-10.84	-0.13	0.78	-0.26	0.40	0.12	0.50



		2186	7.96	0.04	-5.97	0.03	-5.96	0.25	0.53	-0.33	0.03	0.17	0.42
2120	4	2185	33.30	0.02	-33.03	0.02	-33.03	-0.10	0.04	-7.55e-03	-5.09e-03	0.04	-0.01
		322	31.34	1.02	-30.71	0.01	-29.70	-5.56	0.23	0.13	0.22	0.14	-0.03
		103	25.59	1.18	-24.67	-0.03	-23.46	-5.46	0.25	0.09	0.25	0.09	-0.02
		2186	25.33	-1.17e-04	-24.83	-7.43e-04	-24.83	-0.12	0.13	-0.02	0.02	0.09	-0.07
2121	1	2186	18.68	5.35	-0.14	6.87e-03	5.20	0.88	1.76	-1.22	0.02	0.52	1.47
		103	29.35	1.43	-13.08	-0.20	-11.45	4.58	2.47	-1.07	1.09	0.32	1.73
		315	22.46	1.86	-10.85	0.28	-9.27	4.19	2.26	0.03	1.73	0.55	0.95
		2187	13.68	0.09	-6.53	-0.03	-6.41	0.89	1.32	-0.61	-0.10	0.81	0.85
2121	2	2186	59.51	3.99e-03	-58.06	2.42e-03	-58.06	-0.30	0.13	-0.27	-0.25	0.11	-0.08
		103	59.33	3.33	-57.25	-0.02	-53.90	-13.84	0.90	0.44	0.83	0.51	-0.17
		315	46.94	3.97	-43.13	-0.18	-38.98	-13.36	-0.03	-0.35	-0.14	-0.24	-0.15
		2187	38.38	0.07	-37.44	0.07	-37.43	-0.38	0.29	-0.07	0.24	-0.02	-0.12
2121	3	2186	8.28	9.57e-03	-6.10	1.19e-04	-6.09	0.24	0.52	-0.36	-0.02	0.18	0.43
		103	12.52	-0.05	-10.79	-0.05	-10.79	-0.04	0.86	-0.18	0.50	0.19	0.50
		315	10.14	0.09	-8.54	0.08	-8.53	-0.16	0.74	0.06	0.61	0.19	0.27
		2187	9.26	-2.79e-04	-7.47	-7.60e-03	-7.46	0.23	0.40	-0.15	-0.01	0.26	0.24
2121	4	2186	25.47	-7.02e-04	-24.84	-1.20e-03	-24.84	-0.11	0.06	-0.10	-0.10	0.06	-0.03
		103	25.40	1.23	-24.60	5.54e-03	-23.37	-5.50	0.44	0.22	0.42	0.24	-0.06
		315	20.30	1.48	-18.87	-0.05	-17.34	-5.36	0.08	-0.07	0.05	-0.05	-0.05
		2187	16.90	0.02	-16.65	0.02	-16.65	-0.14	0.11	-0.01	0.09	9.89e-03	-0.05
2122	1	2187	13.68	0.17	-6.69	0.05	-6.57	0.89	1.32	-0.62	-0.07	0.77	0.87
		315	21.24	1.62	-10.81	-0.09	-9.11	4.28	2.05	0.02	1.59	0.47	0.85
		153	13.36	2.18	-8.70	0.35	-6.86	4.08	1.22	0.37	1.20	0.38	0.10
		2188	21.51	-0.07	-17.73	-0.10	-17.69	0.77	0.70	0.07	0.09	0.69	0.11
2122	2	2187	38.11	-0.12	-37.48	-0.12	-37.48	-0.28	0.30	-0.19	0.14	-0.03	-0.23
		315	46.16	4.30	-42.89	-3.29e-03	-38.58	-13.59	0.09	-0.11	0.08	-0.09	-0.06
		153	35.92	4.57	-30.67	-0.40	-25.71	-12.26	1.08	0.26	0.97	0.36	-0.27
		2188	18.85	0.46	-16.87	0.43	-16.84	-0.77	0.30	-0.32	-0.20	0.18	-0.24
2122	3	2187	9.22	8.40e-03	-7.52	5.00e-04	-7.51	0.24	0.39	-0.16	-8.48e-03	0.24	0.24
		315	9.87	-4.16e-03	-8.45	-7.10e-03	-8.45	-0.16	0.70	0.07	0.59	0.18	0.25
		153	7.44	0.09	-6.28	0.09	-6.27	-0.17	0.55	0.19	0.55	0.19	9.49e-03
		2188	10.06	6.00e-03	-8.66	2.74e-03	-8.65	0.17	0.24	9.50e-03	9.68e-03	0.24	6.57e-03
2122	4	2187	16.81	-0.05	-16.67	-0.05	-16.67	-0.10	0.11	-0.06	0.05	3.39e-03	-0.08
		315	20.01	1.60	-18.77	0.02	-17.18	-5.45	0.14	0.01	0.14	0.02	-0.02
		153	15.74	1.72	-13.71	-0.13	-11.85	-5.01	0.51	0.15	0.48	0.18	-0.10
		2188	9.27	0.17	-8.41	0.16	-8.40	-0.29	0.13	-0.12	-0.08	0.09	-0.10
2123	1	2188	22.50	0.14	-17.61	0.10	-17.57	0.88	0.79	-0.03	-0.03	0.79	0.02
		153	14.39	1.33	-9.02	-0.40	-7.29	3.86	1.47	0.35	1.44	0.38	0.18
		316	15.39	2.80	-5.30	0.83	-3.33	3.47	1.94	0.24	1.59	0.59	-0.69
		2189	33.31	-0.24	-28.77	-0.28	-28.73	1.01	1.00	-0.32	0.04	0.65	-0.59
2123	2	2188	16.15	-2.21	-16.15	-2.22	-16.15	-0.15	0.32	-0.16	0.01	0.15	-0.23
		153	39.00	7.21	-32.00	1.66	-26.45	-13.66	0.66	-0.05	0.49	0.12	-0.30
		316	25.69	2.36	-20.53	-3.85	-14.32	-10.17	0.86	-0.11	0.68	0.07	-0.38
		2189	9.49	5.16	2.34	4.18	3.32	-1.35	0.72	-0.42	0.15	0.14	-0.57
2123	3	2188	10.10	-0.16	-8.57	-0.16	-8.56	0.26	0.26	-7.50e-03	-6.58e-03	0.26	-0.02
		153	7.78	0.07	-6.46	0.05	-6.45	-0.35	0.58	0.17	0.58	0.17	0.03
		316	6.28	-0.04	-3.75	-0.06	-3.73	-0.24	0.78	0.12	0.68	0.23	-0.24
		2189	11.55	0.27	-9.73	0.27	-9.73	0.19	0.40	-0.13	0.03	0.24	-0.24
2123	4	2188	8.21	-0.85	-8.14	-0.85	-8.14	-0.05	0.13	-0.06	6.19e-03	0.07	-0.09
		153	16.84	2.73	-14.19	0.66	-12.12	-5.55	0.35	0.04	0.30	0.09	-0.11
		316	11.43	0.89	-9.32	-1.44	-6.99	-4.28	0.46	0.02	0.41	0.08	-0.15
		2189	3.83	1.73	-0.37	1.59	-0.23	-0.51	0.31	-0.16	0.06	0.09	-0.24
2124	1	2189	41.74	1.61	-29.23	1.61	-29.23	0.12	1.98	-0.86	-0.36	1.48	-1.08
		316	21.31	2.34	-9.63	-1.91	-5.37	5.73	2.26	1.19e-03	1.98	0.28	-0.74
		340	25.42	12.42	-0.76	7.79	3.88	-6.29	2.43	0.57	2.09	0.91	-0.71
		2137	45.59	-4.20	-37.13	-4.56	-36.77	3.43	1.26	-1.97	0.71	-1.41	-1.22
2124	2	2189	33.98	-1.58	-28.95	-21.67	-8.85	12.09	1.16	-0.82	-0.39	0.73	-0.81
		316	38.67	19.92	-18.52	0.26	1.14	-19.21	1.39	-0.10	1.23	0.05	-0.46
		340	55.18	25.30	-25.26	24.73	-24.69	-5.35	2.63	0.57	2.55	0.65	-0.40
		2137	76.37	69.88	13.99	39.71	44.17	-27.86	1.77	-1.40	0.89	-0.52	-1.42
2124	3	2189	15.53	-1.26	-11.04	-1.38	-10.92	1.06	0.78	-0.35	-0.15	0.58	-0.43
		316	6.93	-0.45	-3.06	-0.49	-3.01	-0.34	0.96	0.06	0.87	0.16	-0.27
		340	13.07	5.51	-3.00	4.42	-1.92	-2.84	1.17	0.32	1.09	0.39	-0.24
		2137	15.77	2.21	-8.16	2.03	-7.98	-1.36	0.57	-0.80	0.31	-0.55	-0.53
2124	4	2189	13.65	-1.66	-11.49	-8.28	-4.88	4.61	0.53	-0.34	-0.17	0.36	-0.35
		316	15.94	7.29	-8.22	0.15	-1.08	-7.73	0.70	0.03	0.65	0.09	-0.19
		340	23.10	9.77	-10.71	9.44	-10.38	-2.56	1.25	0.29	1.23	0.31	-0.15
		2137	29.35	26.22	4.93	15.15	16.00	-10.63	0.72	-0.64	0.37	-0.28	-0.59
2125	1	2137	27.73	-1.00	-19.47	-1.02	-19.45	-0.68	1.29	-0.73	1.29	-0.72	0.12
		340	36.79	16.03	-12.00	9.96	-5.92	-11.55	2.46	0.26	1.69	1.03	-1.05
		314	23.94	14.40	-11.14	4.86	-1.61	-12.35	0.36	-0.55	0.30	-0.49	0.23
		743	19.92	12.55	0.77	12.45	0.87	-1.06	-0.22	-2.17	-1.01	-1.38	0.96
2125	2	2137	66.95	65.89	25.33	65.02	26.20	-5.87	1.58	-0.45	1.57	-0.44	-0.17
		340	55.41	33.01	-22.81	33.01	-22.80	0.54	3.22	1.46	2.64	2.04	-0.83
		314	32.02	2.50	-22.38	-16.19	-3.69	10.76	1.39	-0.71	1.38	-0.69	-0.17
		743	36.06	4.94	-25.52	-22.34	1.76	9.31	0.03	-1.61	-0.86	-0.72	0.82



2125	3	2137	12.58	5.30	-4.05	5.25	-4.00	-0.69	0.55	-0.33	0.54	-0.32	0.08
		340	16.69	7.24	-6.14	5.97	-4.86	-3.93	1.30	0.42	1.04	0.68	-0.40
		314	7.16	2.00	-4.33	-1.27	-1.06	-3.16	0.30	-0.30	0.29	-0.29	0.08
		743	6.26	1.48	-1.01e-03	0.98	0.50	0.70	-0.02	-0.92	-0.46	-0.48	0.45
2125	4	2137	25.81	25.13	9.20	24.81	9.52	-2.23	0.62	-0.24	0.62	-0.24	-0.01
		340	23.30	12.80	-9.87	12.79	-9.87	-0.35	1.52	0.78	1.32	0.98	-0.34
		314	13.28	0.10	-9.29	-7.51	-1.68	3.68	0.61	-0.36	0.61	-0.35	-0.04
		743	15.66	2.02	-10.59	-9.33	0.77	3.78	0.06	-0.76	-0.41	-0.29	0.41
2126	1	221	125.10	4.08	-121.46	3.31	-120.69	9.79	0.79	0.28	0.49	0.57	0.25
		2192	171.41	-3.95	-171.51	-4.01	-171.45	3.19	0.41	-0.23	-0.09	0.27	0.27
		2193	146.51	1.96	-142.09	1.96	-142.09	-0.05	0.81	-0.15	0.06	0.59	0.40
		206	114.03	0.26	-113.73	-1.77	-111.69	15.09	0.86	0.05	0.51	0.40	0.40
2126	2	221	290.44	5.55	-282.80	5.44	-282.69	5.82	1.55	0.34	0.75	1.14	-0.57
		2192	271.91	-5.85	-270.63	-5.89	-270.59	3.49	0.82	-0.45	-0.20	0.57	-0.50
		2193	260.24	2.83	-253.60	2.81	-253.59	-2.04	1.16	-0.07	0.14	0.94	-0.46
		206	264.26	-1.97	-262.13	-2.89	-261.21	15.43	0.89	-0.03	0.28	0.58	-0.44
2126	3	221	65.93	1.69	-64.20	1.52	-64.02	3.37	0.34	0.27	0.31	0.31	0.03
		2192	78.32	-1.77	-78.29	-1.79	-78.27	1.30	0.13	-0.06	-0.05	0.13	0.04
		2193	70.00	0.87	-68.00	0.87	-67.99	-0.21	0.31	4.63e-03	0.03	0.28	0.09
		206	60.30	-0.24	-60.13	-0.82	-59.55	5.87	0.33	0.15	0.28	0.20	0.08
2126	4	221	114.96	2.19	-112.07	2.15	-112.02	2.20	0.64	0.22	0.38	0.48	-0.21
		2192	108.10	-2.33	-107.66	-2.35	-107.64	1.39	0.31	-0.17	-0.08	0.21	-0.19
		2193	103.71	1.13	-101.04	1.12	-101.03	-0.80	0.45	-0.01	0.06	0.38	-0.17
		206	104.91	-0.81	-104.20	-1.15	-103.85	5.97	0.40	0.06	0.21	0.26	-0.17
2127	1	201	121.97	-31.77	-132.19	-32.36	-131.60	7.69	-0.02	-0.72	-0.31	-0.44	0.34
		2194	193.58	-33.86	-207.59	-36.84	-204.62	22.54	0.39	-0.21	0.14	0.04	0.30
		2192	174.69	22.03	-161.85	21.10	-160.93	-13.01	0.39	-0.43	-0.04	2.69e-03	0.41
		221	141.30	12.11	-134.35	9.60	-131.84	19.02	0.66	-0.04	0.25	0.36	0.35
2127	2	201	288.67	-73.56	-313.86	-74.13	-313.28	11.75	-0.15	-1.43	-0.59	-0.99	-0.60
		2194	280.99	-48.23	-300.86	-54.02	-295.07	37.81	0.75	-0.35	0.33	0.07	-0.54
		2192	271.48	33.79	-252.25	31.46	-249.92	-25.73	0.37	-0.37	-0.14	0.14	-0.34
		221	317.42	24.72	-301.12	23.59	-299.99	19.14	0.93	0.19	0.41	0.70	-0.34
2127	3	201	64.63	-16.73	-70.16	-16.95	-69.94	3.42	-0.12	-0.26	-0.14	-0.23	0.06
		2194	85.58	-14.94	-92.06	-16.39	-90.61	10.49	0.13	-4.64e-03	0.07	0.05	0.07
		2192	79.13	9.94	-73.57	9.45	-73.07	-6.41	0.09	-0.15	-0.03	-0.03	0.12
		221	73.33	5.87	-69.83	5.13	-69.09	7.44	0.28	0.12	0.20	0.20	0.08
2127	4	201	114.08	-29.10	-124.00	-29.33	-123.78	4.63	-0.08	-0.55	-0.23	-0.39	-0.22
		2194	111.89	-19.19	-119.70	-21.48	-117.41	15.01	0.28	-0.09	0.13	0.06	-0.18
		2192	107.81	13.43	-100.36	12.52	-99.44	-10.18	0.09	-0.13	-0.06	0.01	-0.10
		221	125.61	9.71	-119.34	9.28	-118.91	7.47	0.40	0.15	0.25	0.30	-0.12
2128	1	206	114.63	2.14	-112.75	0.61	-111.21	13.19	1.01	0.17	0.61	0.57	0.42
		2193	144.59	-0.34	-141.88	-0.35	-141.87	1.10	0.71	-0.26	-0.02	0.47	0.42
		2195	121.12	0.09	-117.34	0.08	-117.33	0.83	1.01	-0.40	1.61e-03	0.61	0.64
		269	105.17	1.99	-103.05	-6.08e-03	-101.06	14.34	1.27	-0.04	0.73	0.50	0.65
2128	2	206	266.66	1.09	-261.47	0.59	-260.97	11.44	1.21	0.23	0.48	0.96	-0.43
		2193	257.24	-0.37	-253.13	-0.37	-253.13	0.11	0.86	-0.23	-0.05	0.68	-0.40
		2195	243.35	0.07	-238.67	0.07	-238.67	-0.52	0.91	-0.09	0.03	0.79	-0.33
		269	245.30	0.69	-241.67	-0.03	-240.96	13.16	0.94	0.15	0.40	0.69	-0.37
2128	3	206	60.77	0.64	-59.78	0.24	-59.37	4.91	0.41	0.21	0.33	0.30	0.10
		2193	69.03	-0.14	-67.89	-0.14	-67.88	0.34	0.23	-0.05	-0.01	0.20	0.09
		2195	60.89	0.03	-59.30	0.03	-59.30	0.20	0.34	-0.08	3.04e-03	0.26	0.17
		269	55.62	0.53	-55.17	-6.55e-03	-54.64	5.42	0.47	0.13	0.36	0.25	0.16
2128	4	206	105.87	0.42	-103.93	0.23	-103.75	4.39	0.52	0.18	0.29	0.41	-0.16
		2193	102.41	-0.15	-100.85	-0.15	-100.85	0.05	0.33	-0.09	-0.02	0.26	-0.15
		2195	97.13	0.03	-95.25	0.03	-95.25	-0.20	0.36	-0.03	0.01	0.32	-0.12
		269	97.67	0.25	-96.36	-0.01	-96.09	5.07	0.43	0.14	0.26	0.30	-0.14
2129	1	269	105.11	2.17	-103.07	0.22	-101.12	14.22	1.33	-0.04	0.74	0.55	0.68
		2195	120.66	-0.02	-117.10	-0.03	-117.09	0.90	0.98	-0.41	-8.22e-03	0.57	0.63
		2196	95.52	-0.04	-91.79	-0.05	-91.78	0.89	1.25	-0.70	-0.01	0.56	0.93
		205	96.27	2.45	-92.29	0.10	-89.94	14.73	1.61	-0.35	0.76	0.49	0.97
2129	2	269	245.82	0.81	-241.52	0.14	-240.85	12.71	1.02	0.24	0.45	0.81	-0.35
		2195	242.92	3.09e-03	-238.63	2.73e-03	-238.63	-0.29	0.84	-0.14	-0.01	0.71	-0.33
		2196	227.36	-0.03	-223.24	-0.03	-223.24	-0.30	0.76	-0.06	3.23e-03	0.69	-0.22
		205	224.98	0.84	-221.45	0.06	-220.68	13.08	0.86	0.26	0.43	0.68	-0.27
2129	3	269	55.78	0.60	-55.16	0.08	-54.64	5.34	0.50	0.14	0.36	0.28	0.18
		2195	60.68	-6.38e-03	-59.22	-7.37e-03	-59.22	0.24	0.32	-0.08	-3.45e-03	0.24	0.16
		2196	51.80	-0.02	-50.32	-0.02	-50.32	0.24	0.41	-0.17	-2.70e-03	0.24	0.26
		205	50.78	0.65	-50.19	0.04	-49.58	5.53	0.58	0.04	0.37	0.25	0.26
2129	4	269	97.88	0.31	-96.30	0.06	-96.05	4.90	0.45	0.18	0.28	0.35	-0.13
		2195	96.93	1.17e-03	-95.23	1.04e-03	-95.23	-0.11	0.33	-0.05	-4.04e-03	0.28	-0.13
		2196	90.92	-0.01	-89.27	-0.01	-89.27	-0.11	0.30	-0.02	1.39e-03	0.28	-0.08
		205	89.90	0.31	-88.60	0.03	-88.32	5.04	0.39	0.18	0.27	0.30	-0.10
2130	1	205	96.41	2.45	-92.37	0.09	-90.01	14.77	1.66	-0.37	0.78	0.51	1.01
		2196	95.27	0.02	-91.54	0.01	-91.53	0.88	1.24	-0.69	-0.01	0.56	0.92
		2197	69.15	-0.02	-65.95	-0.03	-65.94	0.85	1.36	-0.99	-0.02	0.39	1.16
		227	86.81	2.69	-80.84	-0.05	-78.11	14.87	1.77	-0.77	0.60	0.40	1.27
2130	2	205	225.07	0.84	-221.35	0.07	-220.59	13.00	0.87	0.30	0.44	0.73	-0.25



		2196	227.29	1.49e-03	-223.27	1.15e-03	-223.27	-0.28	0.75	-0.08	-3.67e-03	0.67	-0.24
		2197	210.94	-7.77e-03	-207.26	-8.01e-03	-207.26	-0.23	0.64	-0.03	9.77e-05	0.61	-0.14
		227	204.88	0.91	-201.60	0.05	-200.75	13.16	0.73	0.32	0.41	0.64	-0.17
2130	3	205	50.79	0.65	-50.20	0.04	-49.59	5.54	0.60	0.03	0.37	0.26	0.28
		2196	51.71	4.86e-03	-50.25	3.74e-03	-50.25	0.24	0.39	-0.16	-3.70e-03	0.23	0.25
		2197	42.41	-0.01	-41.21	-0.01	-41.20	0.23	0.44	-0.26	-5.42e-03	0.18	0.33
		227	46.00	0.69	-45.01	-8.81e-03	-44.31	5.59	0.63	-0.10	0.32	0.22	0.36
2130	4	205	89.92	0.32	-88.56	0.03	-88.28	5.02	0.39	0.20	0.27	0.32	-0.09
		2196	90.88	7.65e-04	-89.28	6.43e-04	-89.28	-0.10	0.30	-0.03	-1.33e-03	0.27	-0.10
		2197	84.55	-4.28e-03	-83.08	-4.37e-03	-83.08	-0.09	0.26	-9.25e-03	-1.93e-05	0.25	-0.05
		227	82.17	0.34	-80.97	0.02	-80.65	5.08	0.34	0.21	0.26	0.29	-0.07
2131	1	227	87.00	2.68	-80.92	-0.09	-78.15	14.95	1.80	-0.82	0.59	0.40	1.31
		2197	68.72	0.05	-65.65	0.04	-65.64	0.84	1.33	-0.98	-0.02	0.37	1.14
		2198	42.81	0.04	-40.84	0.03	-40.82	0.74	1.22	-1.16	0.02	0.05	1.19
		207	75.57	2.58	-68.80	-0.40	-65.82	14.27	1.47	-1.19	0.12	0.17	1.33
2131	2	227	204.93	0.91	-201.56	0.06	-200.71	13.14	0.73	0.33	0.41	0.66	-0.16
		2197	210.86	-0.01	-207.29	-0.01	-207.29	-0.23	0.64	-0.04	-1.26e-04	0.60	-0.16
		2198	194.20	7.16e-04	-190.84	5.29e-04	-190.84	-0.19	0.57	-3.35e-03	3.02e-03	0.56	-0.06
		207	184.97	1.04	-182.00	0.07	-181.03	13.30	0.62	0.36	0.39	0.59	-0.09
2131	3	227	46.04	0.68	-45.02	-0.02	-44.32	5.61	0.65	-0.11	0.31	0.22	0.38
		2197	42.27	0.01	-41.11	0.01	-41.11	0.23	0.41	-0.25	-6.51e-03	0.17	0.32
		2198	32.86	7.56e-03	-32.25	6.27e-03	-32.25	0.20	0.39	-0.31	4.99e-03	0.08	0.35
		207	40.79	0.64	-39.67	-0.11	-38.92	5.43	0.54	-0.23	0.17	0.14	0.38
2131	4	227	82.18	0.34	-80.95	0.03	-80.63	5.08	0.34	0.22	0.26	0.30	-0.06
		2197	84.52	-3.81e-03	-83.08	-3.90e-03	-83.08	-0.09	0.26	-0.02	-1.04e-05	0.24	-0.06
		2198	78.06	-1.09e-03	-76.70	-1.16e-03	-76.70	-0.07	0.23	-4.63e-04	1.24e-03	0.23	-0.02
		207	74.51	0.39	-73.41	0.03	-73.05	5.14	0.30	0.22	0.25	0.27	-0.04
2132	1	207	75.60	2.55	-68.83	-0.43	-65.85	14.27	1.50	-1.19	0.13	0.18	1.34
		2198	42.59	0.12	-40.55	0.10	-40.53	0.76	1.21	-1.16	9.62e-03	0.04	1.18
		2199	22.62	0.08	-18.02	0.07	-18.00	0.58	0.78	-1.12	-0.02	-0.32	0.94
		260	62.43	2.25	-56.77	-0.64	-53.88	12.74	0.94	-1.23	-0.28	-9.42e-03	1.08
2132	2	207	184.91	1.04	-181.93	0.08	-180.96	13.27	0.61	0.37	0.39	0.59	-0.07
		2198	194.23	-1.73e-03	-190.88	-1.89e-03	-190.88	-0.17	0.57	-3.64e-03	6.10e-03	0.56	-0.07
		2199	176.51	-0.01	-173.79	-0.01	-173.79	-0.11	0.45	-8.01e-03	-8.00e-03	0.45	2.41e-03
		260	165.59	1.19	-162.88	0.08	-161.77	13.44	0.54	0.37	0.37	0.54	-0.02
2132	3	207	40.81	0.63	-39.66	-0.12	-38.92	5.43	0.56	-0.23	0.18	0.15	0.39
		2198	32.76	0.03	-32.17	0.03	-32.16	0.21	0.38	-0.30	3.72e-03	0.07	0.34
		2199	24.39	0.02	-23.92	0.02	-23.92	0.16	0.26	-0.31	-6.78e-03	-0.04	0.28
		260	35.27	0.55	-34.38	-0.18	-33.65	5.00	0.39	-0.24	0.05	0.09	0.31
2132	4	207	74.47	0.39	-73.38	0.03	-73.02	5.13	0.29	0.24	0.25	0.27	-0.02
		2198	78.07	-4.90e-04	-76.71	-5.48e-04	-76.71	-0.07	0.23	-1.92e-03	2.68e-03	0.23	-0.03
		2199	71.19	-6.18e-03	-70.08	-6.21e-03	-70.08	-0.04	0.18	-3.43e-03	-3.37e-03	0.18	3.50e-03
		260	67.03	0.44	-66.03	0.03	-65.62	5.21	0.26	0.24	0.25	0.25	-0.01
2133	1	260	62.65	2.28	-56.84	-0.64	-53.92	12.82	0.99	-1.26	-0.28	7.38e-03	1.12
		2199	22.39	0.15	-17.71	0.13	-17.69	0.62	0.71	-1.12	-0.04	-0.36	0.90
		2200	6.35	0.98	0.04	0.16	0.85	0.32	0.18	-0.89	0.07	-0.78	0.33
		208	47.11	1.23	-45.05	-1.17	-42.65	10.27	-0.15	-1.25	-1.05	-0.35	0.43
2133	2	260	165.69	1.19	-162.88	0.08	-161.77	13.46	0.55	0.37	0.37	0.55	-0.01
		2199	176.49	-0.02	-173.79	-0.02	-173.79	-0.13	0.45	-6.05e-03	-4.71e-03	0.45	-0.02
		2200	158.66	-2.55e-03	-156.20	-2.59e-03	-156.20	-0.08	0.41	-1.53e-03	6.28e-04	0.41	0.03
		208	146.28	1.40	-143.87	0.10	-142.57	13.68	0.46	0.35	0.35	0.46	5.98e-03
2133	3	260	35.32	0.56	-34.39	-0.18	-33.66	5.03	0.40	-0.26	0.05	0.09	0.33
		2199	24.33	0.04	-23.83	0.04	-23.82	0.17	0.23	-0.30	-0.01	-0.06	0.26
		2200	17.94	0.05	-16.71	0.05	-16.71	0.09	0.06	-0.23	0.02	-0.18	0.10
		208	29.49	0.31	-29.22	-0.34	-28.58	4.30	0.05	-0.24	-0.18	-0.02	0.12
2133	4	260	67.05	0.44	-66.02	0.03	-65.61	5.22	0.26	0.24	0.24	0.25	-3.87e-03
		2199	71.18	-6.50e-03	-70.07	-6.53e-03	-70.07	-0.05	0.19	-3.01e-03	-1.90e-03	0.18	-0.01
		2200	64.26	-2.58e-03	-63.24	-2.60e-03	-63.24	-0.03	0.17	-7.62e-04	2.39e-04	0.17	0.01
		208	59.56	0.52	-58.67	0.04	-58.18	5.31	0.24	0.22	0.24	0.22	-2.15e-03
2134	1	208	46.66	1.09	-44.95	-1.23	-42.63	10.08	-0.20	-1.26	-1.10	-0.37	0.38
		2200	6.60	1.20	0.08	0.22	1.05	0.37	0.18	-0.91	0.08	-0.82	0.31
		2201	19.04	13.65	0.16	0.16	13.65	0.02	0.17	-1.01	-0.01	-0.83	-0.42
		265	37.87	0.26	-34.52	-1.10	-33.17	6.73	0.02	-1.24	-0.90	-0.32	-0.55
2134	2	208	146.24	1.41	-143.80	0.11	-142.50	13.65	0.48	0.35	0.36	0.48	0.03
		2200	158.62	3.91e-03	-156.22	3.89e-03	-156.22	-0.06	0.40	-6.29e-03	-6.03e-03	0.40	0.01
		2201	139.75	-0.02	-137.77	-0.02	-137.77	0.03	0.34	-1.22e-03	6.87e-03	0.34	0.05
		265	127.72	1.62	-125.48	0.09	-123.95	13.86	0.42	0.28	0.30	0.40	0.04
2134	3	208	29.48	0.27	-29.19	-0.35	-28.56	4.24	0.04	-0.25	-0.19	-0.02	0.12
		2200	17.95	0.07	-16.64	0.07	-16.64	0.10	0.05	-0.22	0.02	-0.19	0.09
		2201	12.50	0.05	-11.20	0.05	-11.20	5.34e-03	0.05	-0.26	-3.34e-03	-0.20	-0.12
		265	25.33	0.13	-24.50	-0.31	-24.05	3.28	0.10	-0.25	-0.14	-0.01	-0.17
2134	4	208	59.53	0.52	-58.63	0.05	-58.15	5.30	0.25	0.22	0.24	0.23	0.01
		2200	64.24	1.36e-03	-63.24	1.35e-03	-63.24	-0.02	0.16	-2.20e-03	-2.19e-03	0.16	-1.66e-03
		2201	56.91	-0.01	-56.07	-0.01	-56.07	8.90e-03	0.14	-6.55e-04	2.53e-03	0.14	0.02
		265	52.34	0.60	-51.51	0.04	-50.95	5.39	0.22	0.19	0.22	0.20	0.01
2135	1	265	37.91	0.36	-34.62	-1.03	-33.23	6.82	0.06	-1.11	-0.80	-0.25	-0.52
		2201	19.05	13.72	0.16	0.16	13.72	0.09	0.18	-1.04	-0.05	-0.81	-0.48



		2202	27.36	19.92	0.23	0.23	19.91	-0.30	0.92	-1.63	0.06	-0.77	-1.21
		209	31.97	-0.89	-25.79	-1.38	-25.30	3.45	0.71	-1.97	-0.88	-0.38	-1.32
2135	2	265	127.99	1.61	-125.53	0.07	-123.99	13.90	0.46	0.29	0.31	0.44	0.04
		2201	139.62	-0.02	-137.72	-0.02	-137.72	-0.01	0.32	-5.99e-03	-2.77e-03	0.32	0.03
		2202	120.44	3.38e-03	-118.83	3.37e-03	-118.83	0.04	0.28	-9.73e-03	4.60e-03	0.27	0.06
		209	108.93	1.94	-107.09	0.09	-105.24	14.09	0.34	0.27	0.30	0.31	0.03
2135	3	265	25.37	0.16	-24.52	-0.29	-24.07	3.31	0.11	-0.21	-0.11	9.82e-03	-0.15
		2201	12.43	0.05	-11.18	0.05	-11.18	0.02	0.07	-0.28	-0.01	-0.20	-0.14
		2202	9.59	0.07	-7.58	0.07	-7.58	-0.09	0.28	-0.45	0.02	-0.19	-0.35
		209	21.53	-0.12	-20.25	-0.40	-19.97	2.35	0.31	-0.48	-0.13	-0.04	-0.39
2135	4	265	52.43	0.60	-51.53	0.03	-50.96	5.41	0.23	0.20	0.22	0.22	0.02
		2201	56.85	-7.60e-03	-56.04	-7.60e-03	-56.04	-5.94e-03	0.14	-1.33e-03	-1.03e-03	0.14	6.40e-03
		2202	49.38	-8.54e-04	-48.68	-8.57e-04	-48.68	0.01	0.12	-3.53e-03	1.73e-03	0.12	0.03
		209	45.02	0.72	-44.34	0.04	-43.66	5.50	0.22	0.16	0.22	0.16	6.67e-03
2136	1	209	31.92	-1.03	-25.63	-1.45	-25.22	3.17	0.69	-2.07	-0.97	-0.41	-1.35
		2202	27.76	19.86	0.23	0.23	19.86	-0.23	0.94	-1.68	0.07	-0.81	-1.23
		2203	26.90	19.31	0.16	0.17	19.29	-0.57	1.48	-1.84	0.01	-0.38	-1.65
		240	28.87	-0.91	-19.70	-0.91	-19.70	-0.25	1.83	-2.18	-0.21	-0.14	-2.00
2136	2	209	109.03	1.93	-107.01	0.09	-105.16	14.05	0.39	0.28	0.32	0.36	0.05
		2202	120.30	0.03	-118.82	0.03	-118.82	0.08	0.25	-0.01	-4.54e-03	0.24	0.04
		2203	100.32	-0.03	-98.97	-0.03	-98.97	0.19	0.26	-0.02	8.83e-03	0.23	0.08
		240	91.42	2.25	-89.78	0.04	-87.57	14.09	0.34	0.22	0.30	0.26	0.06
2136	3	209	21.50	-0.16	-20.20	-0.41	-19.94	2.26	0.30	-0.50	-0.16	-0.04	-0.40
		2202	9.74	0.07	-7.59	0.07	-7.59	-0.06	0.29	-0.48	0.02	-0.21	-0.37
		2203	8.28	0.05	-5.89	0.05	-5.89	-0.16	0.45	-0.52	4.43e-03	-0.08	-0.48
		240	18.47	-0.16	-16.72	-0.26	-16.62	1.28	0.64	-0.55	0.07	0.03	-0.59
2136	4	209	45.05	0.72	-44.31	0.04	-43.63	5.48	0.23	0.17	0.23	0.18	0.02
		2202	49.33	9.02e-03	-48.68	9.01e-03	-48.68	0.03	0.11	-2.55e-03	-1.75e-03	0.11	9.33e-03
		2203	41.53	-0.01	-40.93	-0.01	-40.93	0.07	0.11	-5.28e-03	3.40e-03	0.10	0.03
		240	38.15	0.84	-37.54	0.02	-36.73	5.53	0.22	0.14	0.22	0.15	0.02
2137	1	240	28.78	-0.78	-19.78	-0.78	-19.78	-0.19	1.96	-2.05	-0.04	-0.05	-2.00
		2203	26.47	19.04	0.07	0.08	19.03	-0.50	1.54	-1.82	-2.41e-03	-0.28	-1.67
		2204	24.15	13.41	0.11	0.16	13.37	-0.76	1.79	-1.66	-0.06	0.19	-1.72
		210	29.25	-0.38	-15.92	-0.69	-15.61	-2.17	2.45	-1.47	0.79	0.19	-1.94
2137	2	240	92.17	2.23	-89.92	-7.14e-03	-87.69	14.18	0.45	0.31	0.36	0.40	0.07
		2203	100.02	-0.01	-98.84	-0.01	-98.84	0.13	0.19	-0.05	-0.04	0.18	0.05
		2204	79.69	0.03	-78.90	0.03	-78.90	0.17	0.20	-4.20e-03	0.04	0.15	0.09
		210	74.41	2.78	-72.63	0.03	-69.88	14.14	0.25	0.08	0.24	0.09	0.04
2137	3	240	18.58	-0.12	-16.75	-0.22	-16.65	1.30	0.68	-0.49	0.12	0.07	-0.59
		2203	8.29	0.03	-5.95	0.02	-5.95	-0.14	0.47	-0.53	-3.91e-03	-0.05	-0.50
		2204	7.94	0.05	-5.72	0.05	-5.71	-0.21	0.54	-0.47	-0.02	0.09	-0.50
		210	15.17	-0.15	-13.72	-0.19	-13.67	0.74	0.82	-0.35	0.36	0.11	-0.58
2137	4	240	38.42	0.83	-37.59	6.32e-03	-36.77	5.56	0.25	0.19	0.24	0.20	0.02
		2203	41.41	-6.35e-03	-40.87	-6.40e-03	-40.87	0.05	0.08	-0.02	-0.01	0.08	0.01
		2204	33.45	8.06e-03	-33.05	7.95e-03	-33.05	0.06	0.09	8.06e-04	0.02	0.07	0.03
		210	31.45	1.03	-30.76	0.02	-29.75	5.57	0.20	0.08	0.20	0.08	0.01
2138	1	210	28.56	-0.20	-15.82	-0.56	-15.46	-2.35	2.27	-1.47	0.65	0.15	-1.85
		2204	23.95	13.13	0.03	0.06	13.10	-0.67	1.81	-1.71	-0.04	0.13	-1.76
		2205	17.04	4.36	-0.06	0.11	4.18	-0.86	1.62	-1.16	0.07	0.38	-1.38
		251	26.97	0.55	-13.66	-0.47	-12.65	-3.66	2.12	-1.14	0.78	0.19	-1.60
2138	2	210	74.19	2.75	-72.49	8.72e-03	-69.75	14.09	0.35	0.18	0.29	0.24	0.08
		2204	79.33	0.05	-78.87	0.05	-78.87	0.26	0.09	-0.03	-0.01	0.07	0.04
		2205	59.10	8.29e-03	-58.04	6.34e-03	-58.04	0.34	0.31	-0.06	0.04	0.20	0.17
		251	59.80	3.17	-57.41	-0.12	-54.12	13.73	0.40	0.10	0.39	0.11	0.06
2138	3	210	15.02	-0.12	-13.65	-0.15	-13.62	0.68	0.77	-0.33	0.32	0.11	-0.54
		2204	8.04	0.03	-5.79	0.02	-5.78	-0.18	0.55	-0.50	-0.01	0.06	-0.52
		2205	8.11	0.04	-6.40	0.03	-6.40	-0.23	0.49	-0.31	0.03	0.15	-0.39
		251	12.49	-0.13	-11.18	-0.14	-11.17	0.31	0.73	-0.25	0.37	0.11	-0.47
2138	4	210	31.34	1.02	-30.71	0.01	-29.70	5.56	0.23	0.13	0.22	0.14	0.03
		2204	33.30	0.02	-33.03	0.02	-33.03	0.10	0.04	-7.55e-03	-5.09e-03	0.04	0.01
		2205	25.33	-1.16e-04	-24.83	-7.42e-04	-24.83	0.12	0.13	-0.02	0.02	0.09	0.07
		251	25.59	1.18	-24.67	-0.03	-23.46	5.46	0.25	0.09	0.25	0.09	0.02
2139	1	251	27.85	0.94	-13.73	-0.22	-12.56	-3.97	2.28	-1.05	0.95	0.28	-1.63
		2205	16.93	3.93	-0.16	0.01	3.76	-0.82	1.63	-1.15	0.03	0.45	-1.37
		2206	13.58	0.08	-6.85	-0.02	-6.75	-0.84	1.25	-0.61	-0.11	0.75	-0.82
		203	21.88	1.41	-11.33	0.23	-10.15	-3.69	2.17	0.01	1.65	0.53	-0.93
2139	2	251	59.33	3.33	-57.25	-0.02	-53.90	13.84	0.90	0.44	0.83	0.51	0.17
		2205	59.51	3.99e-03	-58.06	2.42e-03	-58.06	0.30	0.13	-0.27	-0.25	0.11	0.08
		2206	38.38	0.07	-37.44	0.07	-37.43	0.38	0.29	-0.07	0.24	-0.02	0.12
		203	46.94	3.97	-43.13	-0.18	-38.98	13.36	-0.03	-0.35	-0.14	-0.24	0.15
2139	3	251	12.49	-0.05	-11.13	-0.05	-11.12	0.22	0.81	-0.18	0.46	0.17	-0.47
		2205	8.41	9.24e-03	-6.53	1.66e-03	-6.52	-0.22	0.49	-0.34	-0.01	0.16	-0.41
		2206	9.25	7.63e-04	-7.57	-5.58e-03	-7.56	-0.22	0.38	-0.15	-0.01	0.24	-0.23
		203	10.23	0.08	-8.81	0.07	-8.80	0.31	0.72	0.05	0.59	0.18	-0.27
2139	4	251	25.40	1.23	-24.60	5.55e-03	-23.37	5.50	0.44	0.22	0.42	0.24	0.06
		2205	25.47	-7.02e-04	-24.84	-1.20e-03	-24.84	0.11	0.06	-0.10	-0.10	0.06	0.03
		2206	16.90	0.02	-16.65	0.02	-16.65	0.14	0.11	-0.01	0.09	9.89e-03	0.05



		203	20.30	1.48	-18.87	-0.05	-17.34	5.36	0.08	-0.07	0.05	-0.05	0.05
2140	1	203	20.57	1.17	-11.27	-0.11	-9.99	-3.78	1.94	1.39e-03	1.50	0.45	-0.82
		2206	13.60	0.15	-7.01	0.05	-6.91	-0.84	1.26	-0.62	-0.07	0.71	-0.85
		2207	20.64	-0.06	-17.14	-0.09	-17.11	-0.73	0.67	0.07	0.09	0.64	-0.13
		241	13.35	1.74	-9.00	0.31	-7.56	-3.66	1.14	0.33	1.12	0.35	-0.14
2140	2	203	46.16	4.30	-42.89	-3.29e-03	-38.58	13.59	0.09	-0.11	0.08	-0.09	0.06
		2206	38.11	-0.12	-37.48	-0.12	-37.48	0.28	0.30	-0.19	0.14	-0.03	0.23
		2207	18.86	0.46	-16.87	0.43	-16.84	0.77	0.30	-0.32	-0.20	0.18	0.24
		241	35.92	4.57	-30.67	-0.40	-25.71	12.26	1.08	0.26	0.97	0.36	0.27
2140	3	203	9.96	-3.32e-03	-8.72	-0.01	-8.71	0.30	0.67	0.06	0.56	0.17	-0.24
		2206	9.21	7.99e-03	-7.62	1.14e-03	-7.61	-0.23	0.37	-0.16	-8.96e-03	0.22	-0.24
		2207	9.80	8.21e-03	-8.49	5.31e-03	-8.48	-0.16	0.23	0.01	0.01	0.22	-0.01
		241	7.55	0.09	-6.49	0.08	-6.48	0.29	0.52	0.18	0.52	0.18	-0.02
2140	4	203	20.01	1.60	-18.77	0.02	-17.18	5.45	0.14	0.01	0.14	0.02	0.02
		2206	16.81	-0.05	-16.67	-0.05	-16.67	0.10	0.11	-0.06	0.05	3.39e-03	0.08
		2207	9.27	0.17	-8.41	0.16	-8.40	0.29	0.13	-0.12	-0.08	0.09	0.10
		241	15.74	1.72	-13.71	-0.13	-11.85	5.01	0.51	0.15	0.48	0.18	0.10
2141	1	241	14.47	0.97	-9.34	-0.39	-7.99	-3.48	1.43	0.33	1.38	0.38	-0.22
		2207	21.66	0.15	-17.04	0.11	-17.00	-0.83	0.75	-0.04	-0.04	0.75	-0.05
		2208	31.70	-0.26	-27.33	-0.29	-27.30	-0.96	0.95	-0.27	0.07	0.64	0.53
		204	14.22	2.31	-5.46	0.83	-3.98	-3.05	1.86	0.27	1.56	0.57	0.62
2141	2	241	39.00	7.21	-32.00	1.66	-26.45	13.66	0.66	-0.05	0.49	0.12	0.30
		2207	16.15	-2.21	-16.15	-2.22	-16.15	0.15	0.32	-0.16	0.01	0.15	0.23
		2208	9.49	5.16	2.33	4.18	3.32	1.35	0.72	-0.42	0.15	0.14	0.57
		204	25.69	2.36	-20.53	-3.85	-14.32	10.17	0.86	-0.11	0.68	0.07	0.38
2141	3	241	7.91	0.08	-6.68	0.05	-6.65	0.46	0.56	0.17	0.56	0.17	-0.04
		2207	9.85	-0.16	-8.40	-0.16	-8.40	-0.24	0.25	-8.23e-03	-8.05e-03	0.25	6.93e-03
		2208	11.08	0.27	-9.31	0.27	-9.30	-0.17	0.38	-0.12	0.03	0.23	0.23
		204	6.39	-0.02	-3.96	-0.06	-3.92	0.37	0.76	0.13	0.67	0.23	0.22
2141	4	241	16.84	2.73	-14.19	0.66	-12.12	5.55	0.35	0.04	0.30	0.09	0.11
		2207	8.21	-0.85	-8.14	-0.85	-8.14	0.05	0.13	-0.06	6.19e-03	0.07	0.09
		2208	3.83	1.73	-0.37	1.59	-0.23	0.51	0.31	-0.16	0.06	0.09	0.24
		204	11.43	0.89	-9.32	-1.44	-6.99	4.28	0.46	0.02	0.41	0.08	0.15
2142	1	204	19.72	1.80	-9.44	-1.68	-5.95	-5.20	2.17	0.05	1.93	0.29	0.67
		2208	39.63	1.66	-27.69	1.66	-27.69	-0.03	1.87	-0.79	-0.34	1.43	1.00
		2069	42.80	-4.16	-34.97	-4.52	-34.61	-3.32	1.21	-1.85	0.68	-1.32	1.16
		228	24.06	11.34	-1.36	6.96	3.03	6.04	2.34	0.57	2.05	0.87	0.66
2142	2	204	38.67	19.92	-18.52	0.26	1.14	19.21	1.39	-0.10	1.23	0.05	0.46
		2208	33.98	-1.58	-28.94	-21.67	-8.85	-12.09	1.16	-0.82	-0.39	0.73	0.81
		2069	76.37	69.88	13.99	39.71	44.16	27.86	1.77	-1.40	0.89	-0.52	1.42
		228	55.18	25.31	-25.26	24.73	-24.69	5.35	2.63	0.57	2.55	0.65	0.40
2142	3	204	7.03	-0.34	-3.27	-0.42	-3.18	0.50	0.93	0.08	0.85	0.16	0.25
		2208	14.90	-1.25	-10.58	-1.37	-10.46	-1.04	0.75	-0.33	-0.15	0.57	0.41
		2069	15.02	2.25	-7.54	2.04	-7.34	1.40	0.55	-0.77	0.30	-0.52	0.52
		228	12.77	5.21	-3.20	4.18	-2.17	2.76	1.15	0.31	1.08	0.38	0.22
2142	4	204	15.94	7.29	-8.22	0.15	-1.08	7.73	0.70	0.03	0.65	0.09	0.19
		2208	13.65	-1.66	-11.49	-8.28	-4.88	-4.61	0.53	-0.34	-0.17	0.36	0.35
		2069	29.35	26.22	4.93	15.15	16.00	10.63	0.72	-0.64	0.37	-0.28	0.59
		228	23.10	9.77	-10.70	9.45	-10.38	2.56	1.25	0.29	1.23	0.31	0.15
2143	1	228	34.93	14.77	-11.88	9.04	-6.15	10.95	2.42	0.36	1.71	1.07	0.98
		2069	25.85	-1.50	-18.36	-1.52	-18.34	0.58	1.23	-0.69	1.22	-0.68	-0.13
		929	18.12	10.40	0.77	10.30	0.87	0.95	-0.21	-2.11	-0.99	-1.32	-0.94
		202	22.85	12.66	-11.41	2.95	-1.70	11.81	0.39	-0.56	0.34	-0.51	-0.23
2143	2	228	55.41	33.02	-22.81	33.01	-22.80	-0.54	3.22	1.46	2.64	2.04	0.83
		2069	66.94	65.88	25.33	65.01	26.20	5.88	1.58	-0.45	1.57	-0.44	0.17
		929	36.06	4.95	-25.51	-22.33	1.77	-9.31	0.03	-1.61	-0.86	-0.72	-0.82
		202	32.02	2.50	-22.38	-16.19	-3.70	-10.76	1.39	-0.71	1.38	-0.69	0.17
2143	3	228	16.19	6.89	-6.12	5.70	-4.93	3.75	1.29	0.45	1.04	0.69	0.38
		2069	12.02	5.15	-3.73	5.10	-3.68	0.67	0.53	-0.32	0.52	-0.31	-0.08
		929	6.32	1.16	-0.32	0.34	0.50	-0.73	-0.02	-0.90	-0.45	-0.47	-0.44
		202	7.24	1.56	-4.49	-1.84	-1.09	3.00	0.31	-0.31	0.30	-0.30	-0.08
2143	4	228	23.30	12.80	-9.87	12.80	-9.87	0.35	1.52	0.78	1.32	0.98	0.34
		2069	25.81	25.13	9.20	24.81	9.52	2.23	0.62	-0.24	0.62	-0.24	0.01
		929	15.65	2.03	-10.58	-9.33	0.77	-3.78	0.06	-0.76	-0.41	-0.29	-0.41
		202	13.28	0.10	-9.29	-7.51	-1.68	-3.68	0.61	-0.36	0.61	-0.35	0.04
2144	1	2209	73.57	-1.41	-72.55	-1.41	-72.55	-0.27	0.43	-0.28	-0.07	0.23	0.32
		221	125.01	1.78	-122.16	1.75	-122.13	1.97	0.77	0.18	0.41	0.54	0.29
		206	112.48	-0.59	-111.08	-0.62	-111.05	-2.01	0.53	-0.31	-0.02	0.24	0.40
		2210	80.87	0.60	-79.27	0.57	-79.25	1.45	0.58	-0.27	0.06	0.25	0.41
2144	2	2209	298.75	-6.60	-298.38	-6.67	-298.31	-4.53	0.71	-0.39	-0.20	0.52	-0.42
		221	290.17	6.25	-282.64	5.88	-282.27	-10.34	1.39	0.40	0.67	1.11	-0.45
		206	264.39	-1.80	-263.03	-3.36	-261.47	-20.11	0.80	-0.22	0.07	0.51	-0.46
		2210	274.17	3.25	-268.06	3.24	-268.05	1.51	0.97	-0.01	0.14	0.81	-0.36
2144	3	2209	51.29	-1.07	-51.00	-1.07	-51.00	-0.52	0.14	-0.07	-0.04	0.11	0.07
		221	65.92	1.09	-64.42	1.09	-64.42	-0.23	0.34	0.24	0.08	0.30	0.05
		206	59.93	-0.42	-59.47	-0.52	-59.38	-2.34	0.22	0.04	0.11	0.15	0.09
		2210	51.55	0.50	-50.42	0.49	-50.41	0.59	0.21	-0.01	0.03	0.16	0.09



2144	4	2209	118.02	-2.61	-117.92	-2.63	-117.89	-1.78	0.26	-0.15	-0.08	0.20	-0.15
		221	114.86	2.44	-112.00	2.31	-111.87	-3.87	0.59	0.23	0.36	0.47	-0.17
		206	104.95	-0.75	-104.53	-1.33	-103.95	-7.71	0.36	8.56e-03	0.13	0.23	-0.17
		2210	108.83	1.28	-106.36	1.28	-106.35	0.61	0.39	-2.06e-03	0.06	0.33	-0.14
2145	1	2211	66.65	-10.48	-69.79	-12.86	-67.40	-11.64	0.40	-0.16	0.11	0.13	0.28
		201	127.06	-31.49	-138.08	-31.60	-137.97	-3.40	0.18	-0.66	-0.13	-0.36	0.40
		221	133.75	10.86	-126.79	10.85	-126.77	-1.20	0.60	0.19	0.38	0.40	0.21
		2209	71.12	8.94	-66.17	7.69	-64.91	9.62	0.24	-0.26	-0.08	0.06	0.24
2145	2	2211	320.63	-55.33	-343.42	-61.43	-337.32	-41.49	0.61	-0.25	0.30	0.06	-0.41
		201	287.45	-73.51	-311.83	-74.31	-311.04	-13.74	-0.30	-1.22	-0.55	-0.97	-0.41
		221	319.00	25.15	-303.67	23.14	-301.67	-25.61	1.23	-0.18	0.36	0.69	-0.69
		2209	301.85	37.84	-279.08	35.57	-276.81	26.70	0.58	-0.62	-0.13	0.10	-0.59
2145	3	2211	51.01	-8.56	-54.34	-9.83	-53.07	-7.53	0.10	0.04	0.06	0.08	0.03
		201	66.06	-16.64	-71.76	-16.74	-71.66	-2.31	-0.04	-0.25	-0.09	-0.21	0.09
		221	71.25	5.56	-67.81	5.47	-67.71	-2.64	0.23	0.21	0.23	0.21	3.82e-03
		2209	50.67	6.34	-47.16	5.78	-46.59	5.48	-0.01	-0.04	-0.04	-0.01	-1.64e-03
2145	4	2211	126.31	-21.81	-135.45	-24.23	-133.04	-16.37	0.26	-0.09	0.12	0.06	-0.17
		201	113.63	-29.09	-123.25	-29.39	-122.94	-5.37	-0.12	-0.48	-0.21	-0.39	-0.15
		221	126.19	9.86	-120.28	9.11	-119.53	-9.87	0.52	-1.34e-03	0.23	0.30	-0.26
		2209	119.04	14.93	-110.27	14.04	-109.38	10.54	0.22	-0.28	-0.05	-1.92e-03	-0.25
2146	1	2210	79.73	-0.04	-79.04	-0.05	-79.03	0.73	0.46	-0.38	-0.02	0.10	0.42
		206	113.65	0.20	-111.22	0.20	-111.22	-0.45	0.65	-0.21	0.05	0.40	0.39
		269	103.49	0.29	-101.14	0.26	-101.11	-1.70	0.74	-0.65	-0.14	0.22	0.67
		2212	83.97	-0.06	-83.54	-0.08	-83.53	1.00	0.67	-0.58	0.02	0.07	0.63
2146	2	2210	270.76	-0.44	-267.54	-0.44	-267.54	-0.77	0.76	-0.26	-0.04	0.55	-0.42
		206	266.85	1.56	-262.03	0.58	-261.05	-16.02	1.13	0.02	0.26	0.88	-0.46
		269	245.54	0.99	-242.26	-0.25	-241.03	-17.31	0.79	-0.04	0.14	0.61	-0.34
		2212	246.76	0.13	-243.08	0.13	-243.08	-0.09	0.77	-0.12	0.03	0.61	-0.34
2146	3	2210	50.78	-0.06	-50.30	-0.06	-50.30	0.15	0.14	-0.07	-9.76e-03	0.08	0.09
		206	60.54	0.15	-59.42	0.12	-59.38	-1.48	0.28	0.10	0.15	0.24	0.08
		269	55.67	0.13	-54.74	0.06	-54.66	-1.99	0.30	-0.06	0.08	0.16	0.18
		2212	50.09	-8.76e-03	-49.57	-0.01	-49.57	0.30	0.21	-0.11	8.59e-03	0.09	0.16
2146	4	2210	107.39	-0.17	-106.16	-0.17	-106.16	-0.30	0.29	-0.09	-0.02	0.21	-0.15
		206	105.94	0.59	-104.13	0.23	-103.78	-6.09	0.49	0.10	0.21	0.38	-0.18
		269	97.75	0.36	-96.57	-0.10	-96.12	-6.61	0.35	0.08	0.16	0.27	-0.12
		2212	98.35	0.05	-96.85	0.05	-96.85	-0.03	0.31	-0.04	0.01	0.25	-0.13
2147	1	2212	83.95	-0.03	-83.68	-0.04	-83.67	0.91	0.66	-0.63	-3.72e-04	0.02	0.65
		269	103.57	0.25	-100.99	0.22	-100.97	-1.49	0.77	-0.61	-0.12	0.28	0.66
		205	92.90	0.27	-90.04	0.22	-89.99	-2.28	1.02	-1.00	-0.18	0.20	0.99
		2213	87.88	-0.03	-87.08	-0.04	-87.07	0.91	0.89	-0.90	0.02	-0.02	0.89
2147	2	2212	246.16	0.03	-242.89	0.03	-242.89	-0.31	0.69	-0.16	-0.01	0.53	-0.33
		269	246.16	1.17	-242.18	-0.01	-241.00	-16.93	0.92	-6.68e-03	0.18	0.73	-0.37
		205	225.40	1.11	-222.04	-0.15	-220.77	-16.74	0.70	0.02	0.13	0.59	-0.25
		2213	221.49	-3.82e-03	-218.51	-4.07e-03	-218.51	-0.24	0.62	-0.10	0.01	0.50	-0.26
2147	3	2212	50.00	-7.08e-03	-49.60	-8.32e-03	-49.60	0.25	0.21	-0.14	-1.16e-03	0.06	0.17
		269	55.75	0.14	-54.68	0.07	-54.61	-1.89	0.31	-0.03	0.09	0.19	0.16
		205	50.76	0.15	-49.69	0.05	-49.60	-2.12	0.39	-0.17	0.07	0.15	0.28
		2213	48.86	-0.01	-48.53	-0.01	-48.53	0.26	0.27	-0.21	5.71e-03	0.05	0.24
2147	4	2212	98.09	0.01	-96.77	0.01	-96.77	-0.11	0.27	-0.06	-4.21e-03	0.22	-0.12
		269	98.00	0.43	-96.53	1.04e-03	-96.10	-6.46	0.41	0.09	0.18	0.32	-0.14
		205	90.05	0.41	-88.81	-0.05	-88.35	-6.40	0.32	0.11	0.16	0.27	-0.09
		2213	88.70	-3.04e-03	-87.48	-3.12e-03	-87.48	-0.09	0.25	-0.04	4.63e-03	0.21	-0.10
2148	1	2213	88.17	-0.05	-87.27	-0.06	-87.26	0.92	0.91	-0.94	0.01	-0.03	0.92
		205	92.81	0.30	-89.86	0.25	-89.81	-2.23	1.02	-0.99	-0.18	0.21	0.99
		227	81.50	0.32	-78.15	0.20	-78.04	-2.97	1.39	-1.19	-9.03e-03	0.20	1.29
		2214	90.40	-7.69e-03	-89.60	-0.02	-89.59	0.89	1.14	-1.09	0.02	0.03	1.12
2148	2	2213	221.31	0.05	-218.41	0.05	-218.41	-0.25	0.58	-0.10	1.80e-03	0.48	-0.24
		205	225.57	1.11	-222.02	-0.15	-220.76	-16.72	0.75	0.03	0.15	0.63	-0.27
		227	205.40	1.13	-202.16	-0.17	-200.86	-16.21	0.62	0.11	0.16	0.57	-0.15
		2214	197.39	0.01	-194.68	0.01	-194.68	-0.22	0.51	-0.06	1.42e-03	0.45	-0.18
2148	3	2213	48.88	-0.01	-48.58	-0.02	-48.58	0.25	0.28	-0.24	3.32e-03	0.04	0.26
		205	50.74	0.16	-49.63	0.07	-49.54	-2.10	0.39	-0.16	0.07	0.16	0.27
		227	45.57	0.17	-44.42	0.05	-44.30	-2.29	0.51	-0.24	0.12	0.15	0.37
		2214	47.67	-4.03e-03	-47.23	-5.33e-03	-47.23	0.25	0.35	-0.28	4.85e-03	0.06	0.31
2148	4	2213	88.62	0.02	-87.44	0.02	-87.44	-0.09	0.23	-0.03	7.04e-04	0.20	-0.09
		205	90.10	0.41	-88.80	-0.05	-88.34	-6.39	0.35	0.10	0.16	0.29	-0.10
		227	82.36	0.41	-81.17	-0.06	-80.69	-6.22	0.29	0.14	0.17	0.26	-0.05
		2214	79.49	3.22e-03	-78.37	3.14e-03	-78.37	-0.08	0.21	-0.02	4.69e-04	0.19	-0.07
2149	1	2214	90.57	-0.06	-89.82	-0.07	-89.81	0.91	1.17	-1.11	0.02	0.04	1.14
		227	81.30	0.36	-77.93	0.25	-77.82	-2.94	1.40	-1.19	6.68e-03	0.21	1.29
		207	69.07	0.47	-65.72	0.27	-65.51	-3.67	1.72	-0.98	0.45	0.28	1.35
		2215	92.97	1.83e-04	-90.91	-6.93e-03	-90.90	0.80	1.27	-1.04	-8.35e-03	0.24	1.15
2149	2	2214	197.27	0.03	-194.61	0.03	-194.60	-0.22	0.48	-0.05	-9.97e-03	0.44	-0.15
		227	205.52	1.14	-202.19	-0.17	-200.88	-16.25	0.65	0.12	0.18	0.59	-0.17
		207	185.56	1.13	-182.53	-0.22	-181.18	-15.68	0.52	0.14	0.15	0.51	-0.07
		2215	174.36	0.03	-171.88	0.03	-171.88	-0.16	0.44	-6.34e-03	0.02	0.42	-0.10
2149	3	2214	47.74	-0.02	-47.29	-0.02	-47.29	0.25	0.37	-0.30	4.56e-03	0.06	0.33



		227	45.50	0.18	-44.35	0.07	-44.23	-2.29	0.51	-0.23	0.12	0.16	0.37
		207	40.05	0.22	-39.00	0.07	-38.84	-2.47	0.61	-0.18	0.25	0.17	0.40
		2215	46.47	3.27e-05	-45.64	-1.11e-03	-45.64	0.23	0.39	-0.27	-1.17e-03	0.12	0.33
2149	4	2214	79.43	0.01	-78.34	0.01	-78.34	-0.08	0.19	-0.02	-3.68e-03	0.18	-0.05
		227	82.39	0.42	-81.17	-0.06	-80.70	-6.23	0.31	0.14	0.17	0.27	-0.07
		207	74.71	0.41	-73.60	-0.08	-73.11	-6.03	0.25	0.16	0.17	0.24	-0.03
		2215	70.66	9.92e-03	-69.63	9.88e-03	-69.63	-0.06	0.18	-3.54e-03	5.96e-03	0.17	-0.04
2150	1	2215	93.21	-0.05	-91.11	-0.06	-91.10	0.80	1.31	-1.06	-5.07e-05	0.25	1.17
		207	68.80	0.52	-65.51	0.32	-65.31	-3.65	1.68	-0.98	0.44	0.27	1.33
		260	56.34	0.62	-53.72	0.26	-53.37	-4.38	1.73	-0.51	0.88	0.34	1.09
		2216	93.39	-9.52e-03	-90.32	-0.01	-90.32	0.63	1.15	-0.68	9.75e-03	0.46	0.89
2150	2	2215	174.32	0.05	-171.83	0.05	-171.83	-0.17	0.43	-1.10e-03	0.02	0.42	-0.08
		207	185.55	1.12	-182.51	-0.22	-181.17	-15.66	0.54	0.14	0.16	0.52	-0.09
		260	166.13	1.19	-163.32	-0.20	-161.93	-15.04	0.50	0.25	0.25	0.50	-9.66e-03
		2216	152.45	0.02	-150.19	0.02	-150.19	-0.12	0.37	-0.02	-0.01	0.37	-0.05
2150	3	2215	46.53	-0.01	-45.69	-0.01	-45.69	0.23	0.41	-0.29	1.56e-03	0.12	0.34
		207	39.95	0.24	-38.93	0.08	-38.77	-2.46	0.59	-0.18	0.25	0.17	0.38
		260	34.49	0.27	-33.72	0.07	-33.51	-2.64	0.63	-0.05	0.39	0.19	0.32
		2216	44.69	-3.26e-03	-43.55	-4.01e-03	-43.55	0.18	0.36	-0.18	1.50e-03	0.18	0.25
2150	4	2215	70.65	0.02	-69.61	0.02	-69.61	-0.06	0.18	1.40e-03	6.14e-03	0.17	-0.03
		207	74.70	0.41	-73.59	-0.08	-73.10	-6.02	0.26	0.15	0.17	0.24	-0.04
		260	67.21	0.44	-66.19	-0.07	-65.68	-5.80	0.24	0.20	0.20	0.24	-2.59e-03
		2216	62.24	6.32e-03	-61.29	6.29e-03	-61.29	-0.04	0.16	-8.97e-03	-5.29e-03	0.15	-0.02
2151	1	2216	93.71	-0.05	-90.49	-0.06	-90.49	0.67	1.19	-0.67	0.03	0.50	0.90
		260	56.23	0.62	-53.57	0.26	-53.22	-4.36	1.76	-0.52	0.90	0.35	1.10
		208	44.87	1.07	-42.37	0.45	-41.75	-5.15	1.76	0.34	1.61	0.50	0.45
		2217	92.59	-0.01	-87.65	-0.02	-87.65	0.42	0.88	-0.15	-0.06	0.79	0.29
2151	2	2216	152.45	0.03	-150.13	0.03	-150.13	-0.12	0.37	-0.02	-0.02	0.37	-0.02
		260	166.24	1.21	-163.36	-0.18	-161.97	-15.09	0.53	0.27	0.27	0.53	-0.03
		208	146.71	1.19	-144.23	-0.26	-142.77	-14.48	0.43	0.23	0.23	0.42	0.02
		2217	131.82	0.04	-129.76	0.04	-129.76	-0.03	0.35	0.01	0.01	0.35	2.91e-03
2151	3	2216	44.79	-0.01	-43.59	-0.01	-43.59	0.19	0.38	-0.18	6.00e-03	0.19	0.27
		260	34.44	0.27	-33.67	0.07	-33.46	-2.64	0.63	-0.04	0.39	0.19	0.32
		208	29.20	0.40	-28.61	0.12	-28.33	-2.84	0.65	0.19	0.60	0.23	0.13
		2217	42.65	-2.60e-03	-40.93	-2.98e-03	-40.93	0.12	0.30	-0.04	-0.02	0.28	0.08
2151	4	2216	62.23	0.01	-61.27	0.01	-61.27	-0.04	0.16	-8.07e-03	-7.91e-03	0.16	-5.15e-03
		260	67.24	0.45	-66.20	-0.06	-65.68	-5.82	0.25	0.21	0.21	0.25	-0.01
		208	59.70	0.44	-58.80	-0.10	-58.26	-5.60	0.21	0.19	0.19	0.21	9.86e-03
		2217	54.28	0.01	-53.41	0.01	-53.41	-0.01	0.15	4.76e-03	4.89e-03	0.15	-4.23e-03
2152	1	2217	92.85	-0.03	-87.78	-0.04	-87.78	0.38	0.90	-0.17	-0.07	0.81	0.31
		208	44.93	1.15	-42.23	0.51	-41.60	-5.21	1.76	0.41	1.66	0.52	0.37
		265	38.80	1.38	-33.33	0.30	-32.25	-6.01	1.72	0.18	1.49	0.41	-0.54
		2218	86.17	-0.03	-81.51	-0.03	-81.51	0.02	0.98	-0.21	0.01	0.76	-0.46
2152	2	2217	131.71	0.06	-129.73	0.06	-129.73	-0.06	0.33	0.01	0.01	0.33	0.02
		208	146.68	1.17	-144.17	-0.27	-142.73	-14.42	0.43	0.22	0.22	0.43	0.02
		265	127.91	1.27	-125.65	-0.22	-124.15	-13.69	0.43	0.29	0.31	0.41	0.05
		2218	112.58	0.02	-110.61	0.02	-110.61	6.48e-03	0.32	-8.97e-03	-8.73e-03	0.32	8.77e-03
2152	3	2217	42.72	-6.13e-03	-40.96	-6.44e-03	-40.96	0.11	0.31	-0.05	-0.02	0.28	0.10
		208	29.22	0.42	-28.56	0.14	-28.27	-2.85	0.64	0.21	0.62	0.24	0.11
		265	25.48	0.46	-24.18	0.08	-23.80	-3.05	0.63	0.15	0.57	0.20	-0.16
		2218	38.98	-9.89e-03	-37.36	-9.89e-03	-37.36	8.53e-03	0.33	-0.06	2.56e-03	0.27	-0.14
2152	4	2217	54.23	0.02	-53.39	0.02	-53.39	-0.02	0.14	4.40e-03	4.86e-03	0.14	7.97e-03
		208	59.68	0.44	-58.77	-0.10	-58.24	-5.58	0.21	0.19	0.19	0.21	1.41e-03
		265	52.40	0.47	-51.58	-0.08	-51.03	-5.33	0.23	0.19	0.22	0.20	0.02
		2218	46.81	6.58e-03	-45.98	6.58e-03	-45.98	4.29e-03	0.14	-3.34e-03	-3.30e-03	0.14	-2.39e-03
2153	1	2218	85.84	-0.02	-81.42	-0.02	-81.42	0.09	0.96	-0.21	0.02	0.72	-0.47
		265	38.52	1.30	-33.41	0.23	-32.34	-6.01	1.65	0.18	1.42	0.41	-0.53
		209	37.33	2.15	-25.91	0.46	-24.22	-6.67	2.28	-0.52	1.41	0.35	-1.29
		2219	77.41	-0.03	-72.59	-0.03	-72.58	-0.20	1.56	-0.98	-0.04	0.62	-1.23
2153	2	2218	112.50	0.02	-110.55	0.02	-110.55	0.01	0.31	-0.03	-0.03	0.31	0.04
		265	128.16	1.31	-125.71	-0.20	-124.19	-13.77	0.47	0.33	0.34	0.46	0.03
		209	108.79	1.21	-107.09	-0.37	-105.51	-13.00	0.32	0.21	0.24	0.28	0.05
		2219	94.46	0.07	-93.01	0.07	-93.01	0.12	0.25	0.02	0.02	0.25	0.03
2153	3	2218	38.86	-5.60e-03	-37.32	-5.63e-03	-37.32	0.03	0.31	-0.05	5.24e-03	0.26	-0.13
		265	25.42	0.44	-24.20	0.06	-23.82	-3.06	0.62	0.14	0.55	0.21	-0.16
		209	22.63	0.62	-20.18	0.11	-19.68	-3.21	0.78	-0.06	0.55	0.17	-0.38
		2219	34.60	-5.94e-03	-33.05	-6.01e-03	-33.05	-0.05	0.49	-0.28	-9.70e-03	0.22	-0.37
2153	4	2218	46.78	7.83e-03	-45.95	7.83e-03	-45.95	7.08e-03	0.13	-0.01	-9.64e-03	0.13	0.02
		265	52.48	0.49	-51.59	-0.07	-51.04	-5.36	0.24	0.22	0.23	0.22	6.55e-03
		209	44.96	0.45	-44.34	-0.13	-43.76	-5.09	0.20	0.15	0.20	0.16	0.02
		2219	39.75	0.02	-39.10	0.02	-39.10	0.05	0.11	7.83e-03	8.02e-03	0.11	4.34e-03
2154	1	2219	77.51	6.81e-03	-72.55	5.94e-03	-72.55	-0.25	1.55	-0.97	-0.06	0.64	-1.21
		209	38.04	2.22	-25.91	0.49	-24.17	-6.76	2.43	-0.53	1.51	0.40	-1.37
		240	39.33	2.69	-21.37	0.20	-18.89	-7.32	2.50	-1.53	0.79	0.17	-1.99
		2220	63.84	-0.04	-60.15	-0.05	-60.14	-0.64	1.81	-1.56	-0.01	0.26	-1.68
2154	2	2219	94.31	0.08	-93.00	0.08	-93.00	0.08	0.22	-1.80e-03	6.45e-03	0.21	0.04
		209	108.89	1.18	-106.98	-0.38	-105.42	-12.89	0.35	0.24	0.25	0.33	0.04



		240	90.86	1.27	-89.40	-0.31	-87.82	-11.85	0.34	0.21	0.29	0.26	0.06
		2220	78.36	0.04	-77.05	0.04	-77.05	0.15	0.22	-1.87e-03	7.34e-04	0.22	0.02
2154	3	2219	34.61	7.50e-03	-33.04	7.37e-03	-33.04	-0.07	0.48	-0.27	-0.02	0.22	-0.35
		209	22.75	0.64	-20.16	0.12	-19.65	-3.23	0.83	-0.07	0.57	0.19	-0.41
		240	20.66	0.70	-17.05	0.04	-16.40	-3.34	0.84	-0.36	0.37	0.12	-0.59
		2220	28.89	-0.01	-27.80	-0.01	-27.80	-0.18	0.56	-0.45	-3.78e-03	0.11	-0.50
2154	4	2219	39.68	0.03	-39.10	0.03	-39.10	0.03	0.10	-7.50e-04	2.32e-03	0.10	0.02
		209	44.99	0.44	-44.30	-0.13	-43.72	-5.05	0.21	0.17	0.20	0.17	9.92e-03
		240	37.94	0.48	-37.41	-0.11	-36.82	-4.68	0.22	0.14	0.22	0.15	0.02
		2220	33.40	0.01	-32.81	0.01	-32.81	0.06	0.10	2.56e-04	3.45e-04	0.10	2.93e-03
2155	1	2220	62.88	0.03	-59.80	0.03	-59.80	-0.58	1.71	-1.59	-0.03	0.15	-1.65
		240	39.44	2.55	-21.67	0.09	-19.21	-7.32	2.47	-1.61	0.68	0.18	-2.02
		210	36.47	3.34	-18.19	0.20	-15.05	-7.59	1.70	-2.12	-0.24	-0.18	-1.91
		2221	51.29	-0.04	-45.63	-0.05	-45.62	-0.70	1.65	-1.84	0.09	-0.28	-1.74
2155	2	2220	78.14	0.01	-76.99	0.01	-76.99	0.15	0.18	-0.06	-0.04	0.17	0.06
		240	91.62	1.35	-89.50	-0.26	-87.89	-11.97	0.43	0.33	0.36	0.40	0.05
		210	72.49	1.08	-71.88	-0.58	-70.22	-10.87	0.25	0.04	0.21	0.08	0.08
		2221	63.93	0.13	-63.23	0.13	-63.23	0.32	0.14	0.02	0.04	0.13	0.04
2155	3	2220	28.56	8.47e-03	-27.69	7.56e-03	-27.69	-0.16	0.51	-0.45	-0.01	0.07	-0.48
		240	20.66	0.67	-17.15	0.02	-16.49	-3.35	0.84	-0.37	0.34	0.13	-0.60
		210	17.99	0.82	-14.33	0.02	-13.54	-3.37	0.59	-0.53	0.05	7.50e-04	-0.56
		2221	23.20	-6.00e-03	-22.06	-7.49e-03	-22.06	-0.18	0.51	-0.53	0.03	-0.06	-0.52
2155	4	2220	33.31	3.64e-03	-32.79	3.53e-03	-32.79	0.06	0.08	-0.02	-0.02	0.08	0.02
		240	38.22	0.51	-37.44	-0.09	-36.84	-4.73	0.25	0.20	0.24	0.20	0.01
		210	30.75	0.42	-30.51	-0.21	-29.88	-4.35	0.19	0.07	0.19	0.08	0.03
		2221	27.64	0.05	-27.28	0.04	-27.28	0.12	0.07	0.01	0.01	0.06	9.05e-03
2156	1	2221	50.90	0.07	-45.46	0.06	-45.45	-0.70	1.62	-1.84	0.05	-0.26	-1.72
		210	36.24	3.26	-18.28	0.05	-15.08	-7.67	1.79	-1.97	-0.09	-0.09	-1.88
		251	32.08	3.84	-15.90	0.21	-12.26	-7.65	1.45	-1.71	-0.20	-0.07	-1.58
		2222	36.00	-0.03	-29.92	-0.06	-29.89	-0.91	1.18	-1.66	-0.07	-0.41	-1.41
2156	2	2221	63.74	0.10	-63.29	0.10	-63.29	0.21	0.09	-0.05	-0.01	0.06	0.06
		210	72.83	1.06	-71.60	-0.52	-70.02	-10.59	0.31	0.23	0.30	0.25	0.04
		251	56.61	1.02	-55.95	-0.50	-54.43	-9.18	0.23	8.32e-03	0.18	0.06	0.09
		2222	51.87	0.08	-51.66	0.08	-51.66	0.35	0.10	-0.08	-4.34e-03	0.03	0.09
2156	3	2221	23.08	0.03	-22.01	0.02	-22.01	-0.19	0.48	-0.53	0.01	-0.06	-0.50
		210	17.90	0.78	-14.32	-0.01	-13.53	-3.38	0.63	-0.49	0.10	0.04	-0.56
		251	15.29	0.94	-11.98	0.03	-11.08	-3.30	0.51	-0.42	0.06	0.03	-0.46
		2222	17.32	-0.01	-16.10	-0.02	-16.10	-0.24	0.36	-0.48	-0.02	-0.10	-0.42
2156	4	2221	27.56	0.04	-27.30	0.04	-27.30	0.08	0.05	-0.02	-5.36e-03	0.04	0.02
		210	30.85	0.41	-30.40	-0.18	-29.81	-4.24	0.22	0.14	0.22	0.14	8.46e-03
		251	24.39	0.41	-24.16	-0.18	-23.57	-3.75	0.18	0.06	0.17	0.07	0.04
		2222	22.72	0.03	-22.55	0.03	-22.55	0.13	0.04	-0.02	-1.13e-03	0.03	0.03
2157	1	2222	35.79	0.05	-29.51	0.02	-29.48	-0.89	1.09	-1.63	-0.05	-0.49	-1.34
		251	33.38	3.89	-16.41	0.02	-12.54	-7.98	1.46	-1.87	-0.32	-0.08	-1.66
		203	24.63	3.69	-14.17	-0.28	-10.20	-7.42	0.23	-1.68	-1.07	-0.38	-0.89
		2223	20.96	0.08	-13.54	0.03	-13.49	-0.83	0.63	-1.26	0.12	-0.75	-0.84
2157	2	2222	52.44	0.07	-51.80	0.07	-51.80	0.32	0.19	-0.09	0.13	-0.03	0.11
		251	57.42	1.10	-55.66	-0.43	-54.13	-9.19	0.19	-0.07	-0.03	0.15	0.10
		203	41.56	0.72	-40.78	-0.71	-39.35	-7.57	0.67	-0.03	0.55	0.08	0.26
		2223	43.54	0.13	-43.02	0.12	-43.02	0.48	0.03	-0.18	-0.15	1.55e-03	0.07
2157	3	2222	17.35	0.01	-15.99	9.33e-03	-15.98	-0.24	0.32	-0.46	-4.86e-03	-0.13	-0.39
		251	15.48	0.94	-12.09	-0.02	-11.13	-3.40	0.51	-0.47	9.17e-03	0.04	-0.49
		203	11.81	0.89	-9.86	-0.12	-8.84	-3.15	0.13	-0.36	-0.17	-0.06	-0.24
		2223	11.80	0.02	-10.12	0.01	-10.11	-0.21	0.18	-0.36	0.02	-0.21	-0.25
2157	4	2222	22.75	0.02	-22.60	0.02	-22.60	0.12	0.08	-0.02	0.05	2.46e-03	0.04
		251	24.69	0.44	-24.05	-0.15	-23.46	-3.75	0.13	0.07	0.10	0.11	0.03
		203	18.46	0.32	-18.05	-0.25	-17.48	-3.19	0.35	0.04	0.31	0.07	0.10
		2223	19.14	0.05	-18.86	0.04	-18.86	0.18	0.02	-0.06	-0.05	0.02	0.02
2158	1	2223	20.48	-0.07	-13.46	-0.11	-13.42	-0.77	0.61	-1.23	0.09	-0.71	-0.83
		203	24.32	4.18	-14.23	0.12	-10.16	-7.64	0.27	-1.52	-0.94	-0.31	-0.84
		241	15.63	4.05	-12.08	-0.37	-7.66	-7.19	-0.07	-0.51	-0.47	-0.12	-0.13
		2224	5.04	2.17	-0.13	0.24	1.81	-0.84	-0.06	-0.65	-0.11	-0.60	-0.16
2158	2	2223	43.76	0.10	-43.23	0.09	-43.22	0.54	0.17	-0.31	-0.06	-0.09	0.24
		203	41.52	0.77	-40.32	-0.68	-38.87	-7.59	0.34	0.04	0.34	0.05	-0.03
		241	28.28	0.42	-27.01	-0.58	-26.00	-5.15	0.15	-0.45	-0.19	-0.11	0.30
		2224	39.27	0.24	-37.59	0.24	-37.59	0.30	0.19	-0.23	0.14	-0.18	0.14
2158	3	2223	11.70	-0.03	-10.11	-0.03	-10.10	-0.18	0.16	-0.34	0.02	-0.21	-0.22
		203	11.90	1.05	-9.84	-1.88e-03	-8.79	-3.21	0.17	-0.35	-0.14	-0.04	-0.25
		241	8.24	1.01	-7.68	-0.14	-6.53	-2.94	4.22e-03	-0.05	-0.04	-2.45e-04	-0.01
		2224	5.73	0.10	-4.65	0.09	-4.64	-0.22	-0.01	-0.19	-0.02	-0.18	-0.04
2158	4	2223	19.06	0.03	-18.94	0.03	-18.93	0.21	0.07	-0.11	-0.02	-0.02	0.09
		203	18.40	0.34	-17.87	-0.24	-17.29	-3.20	0.23	0.07	0.23	0.07	-0.01
		241	12.86	0.25	-12.41	-0.20	-11.97	-2.34	0.13	-0.09	0.04	2.56e-04	0.11
		2224	16.83	0.09	-16.31	0.09	-16.31	0.12	0.07	-0.07	0.05	-0.05	0.05
2159	1	2224	7.00	2.20	-1.16	-1.02	2.07	-0.67	0.05	-0.69	0.05	-0.69	-0.05
		241	17.29	5.45	-12.10	1.02	-7.68	-7.62	-0.10	-0.86	-0.78	-0.18	-0.22
		204	17.51	2.22	-10.35	-2.27	-5.86	-6.02	0.10	-1.17	-0.75	-0.33	0.60



		2225	19.96	16.76	1.87	1.96	16.67	-1.16	0.21	-0.76	-0.02	-0.54	0.41
2159	2	2224	37.28	-0.97	-36.94	-0.98	-36.92	0.74	0.12	-0.28	-0.03	-0.13	0.19
		241	30.30	1.09	-28.51	-0.20	-27.22	-6.04	0.44	-0.14	0.20	0.10	0.28
		204	14.15	-1.22	-13.79	-1.92	-13.08	-2.89	0.63	-0.20	0.46	-0.03	0.34
		2225	37.72	2.04	-36.19	2.03	-36.18	0.58	0.20	-0.27	-0.01	-0.06	0.23
2159	3	2224	5.57	-0.39	-4.51	-0.39	-4.50	-0.13	0.01	-0.20	0.01	-0.20	4.74e-04
		241	8.75	1.53	-7.84	0.31	-6.62	-3.15	0.02	-0.13	-0.11	3.47e-03	-0.04
		204	7.43	0.45	-5.65	-0.82	-4.38	-2.47	0.15	-0.25	-0.04	-0.05	0.20
		2225	2.10	0.94	0.28	0.76	0.46	-0.30	0.07	-0.21	-1.17e-03	-0.14	0.12
2159	4	2224	16.10	-0.38	-16.06	-0.38	-16.05	0.28	0.05	-0.10	-0.01	-0.04	0.07
		241	13.67	0.50	-12.97	-0.05	-12.41	-2.68	0.25	0.02	0.18	0.09	0.11
		204	7.10	-0.33	-6.90	-0.71	-6.52	-1.54	0.36	-0.01	0.31	0.04	0.12
		2225	15.63	0.78	-15.20	0.78	-15.19	0.21	0.07	-0.07	4.52e-04	5.05e-03	0.07
2160	1	2225	26.13	13.05	-11.38	-10.26	11.94	5.09	0.63	-1.37	0.28	-1.01	0.76
		204	25.26	11.53	-9.91	0.09	1.52	-10.69	0.24	-1.28	-0.99	-0.05	0.59
		228	19.62	7.44	-12.26	7.40	-12.22	0.92	0.23	-1.18	-0.50	-0.45	0.70
		2115	41.71	43.15	12.52	19.47	36.20	-12.83	1.20	-0.94	-0.54	0.81	0.83
2160	2	2225	42.41	-8.06	-44.89	-9.31	-43.64	6.67	0.22	-0.29	-0.04	-0.03	0.26
		204	11.16	-0.32	-9.89	-3.03	-7.18	-4.32	0.31	-0.17	0.21	-0.07	0.19
		228	37.60	26.42	-13.18	23.33	-10.09	-10.62	1.26	-0.28	0.99	-0.02	0.58
		2115	41.83	18.50	-25.79	15.46	-22.75	-11.21	0.31	-0.33	0.28	-0.30	-0.13
2160	3	2225	6.65	-0.35	-5.11	-3.87	-1.59	2.09	0.17	-0.34	0.07	-0.23	0.21
		204	9.07	3.15	-4.98	-0.17	-1.65	-4.00	0.17	-0.23	-0.11	0.05	0.18
		228	9.76	4.32	-5.62	4.19	-5.49	-1.14	0.35	-0.24	0.19	-0.07	0.27
		2115	12.79	12.49	2.81	7.14	8.16	-4.81	0.24	-0.21	-0.11	0.13	0.19
2160	4	2225	17.39	-3.15	-18.50	-3.59	-18.06	2.56	0.09	-0.06	-0.03	0.06	0.06
		204	5.79	-0.04	-5.29	-1.09	-4.23	-2.11	0.27	0.02	0.25	0.04	0.06
		228	16.42	10.28	-6.23	8.91	-4.86	-4.56	0.71	-0.02	0.63	0.06	0.23
		2115	17.26	7.10	-10.45	5.96	-9.31	-4.33	0.16	-0.22	0.13	-0.19	-0.10
2161	1	2115	31.18	29.68	19.90	29.29	20.30	-1.92	0.30	-1.06	-1.03	0.28	0.18
		228	24.33	12.05	-8.48	10.06	-6.48	6.08	1.01	-0.73	0.13	0.15	0.87
		202	19.92	11.80	-10.13	1.66	0.02	10.93	0.26	3.28e-03	0.22	0.05	-0.09
		1415	14.70	3.33	-8.06	-4.84	0.10	5.13	1.39	0.32	0.46	1.25	-0.36
2161	2	2115	40.74	33.51	-11.14	33.11	-10.74	-4.23	0.32	-0.54	0.01	-0.23	0.41
		228	55.63	35.01	-25.89	31.33	-22.21	-14.51	2.39	1.49	2.18	1.71	0.38
		202	33.48	4.04	-23.28	-14.35	-4.90	-12.82	1.22	-0.68	1.12	-0.59	0.42
		1415	18.89	3.53	-9.52	-8.80	2.80	2.99	0.42	-1.20	-0.61	-0.17	0.78
2161	3	2115	12.04	11.69	4.62	11.57	4.75	-0.93	0.05	-0.34	-0.28	-7.93e-03	0.14
		228	10.99	5.86	-4.98	5.86	-4.98	0.05	0.74	0.18	0.53	0.39	0.27
		202	4.47	0.50	-3.26	-2.07	-0.68	1.75	0.24	-0.13	0.24	-0.13	0.03
		1415	6.15	1.25	-3.96	-3.08	0.37	1.95	0.35	-1.38e-03	5.08e-03	0.35	0.05
2161	4	2115	16.26	12.85	-4.60	12.70	-4.45	-1.62	0.16	-0.30	0.03	-0.16	0.21
		228	23.45	13.73	-11.21	12.16	-9.64	-6.05	1.18	0.80	1.13	0.85	0.13
		202	14.73	1.31	-10.26	-6.81	-2.13	-5.29	0.55	-0.35	0.51	-0.31	0.18
		1415	9.06	1.47	-4.55	-4.25	1.17	1.32	0.21	-0.60	-0.31	-0.07	0.39
2162	1	140	26.86	0.41	-26.36	0.40	-26.35	-0.51	0.26	0.16	0.25	0.17	0.03
		2228	20.94	-0.44	-21.09	-0.44	-21.09	0.18	7.04e-03	-0.03	-0.02	6.85e-04	-0.01
		2229	22.35	0.22	-22.13	0.21	-22.13	-0.26	0.08	-0.03	0.02	0.03	-0.05
		306	25.25	-0.25	-25.19	-0.25	-25.19	0.19	0.20	0.04	0.15	0.10	-0.07
2162	2	140	139.43	5.05	-134.65	3.84	-133.44	12.94	2.36	-1.67	0.14	0.55	2.01
		2228	203.93	-4.84	-205.23	-4.92	-205.15	4.18	1.77	-1.77	-0.10	0.10	1.77
		2229	168.20	2.49	-166.08	2.49	-166.08	0.26	1.43	-1.34	0.09	0.01	1.39
		306	130.96	0.11	-128.33	-2.52	-125.70	18.20	1.37	-1.79	-0.56	0.14	1.54
2162	3	140	22.68	0.53	-22.19	0.49	-22.16	0.88	0.33	-2.33e-03	0.19	0.14	0.16
		2228	25.99	-0.59	-26.18	-0.60	-26.17	0.43	0.12	-0.13	-0.02	8.51e-03	0.12
		2229	23.61	0.30	-23.28	0.30	-23.28	-0.09	0.12	-0.07	0.01	0.03	0.10
		306	21.15	-0.19	-21.18	-0.31	-21.06	1.62	0.18	2.92e-03	0.11	0.08	0.09
2162	4	140	56.05	1.94	-54.31	1.51	-53.89	4.87	0.95	-0.55	0.16	0.25	0.75
		2228	80.21	-1.90	-80.74	-1.93	-80.71	1.61	0.65	-0.66	-0.04	0.04	0.65
		2229	66.69	0.97	-65.93	0.97	-65.93	0.07	0.55	-0.49	0.03	0.03	0.52
		306	52.66	-0.03	-51.79	-0.99	-50.84	6.96	0.57	-0.58	-0.10	0.09	0.57
2163	1	178	26.09	-6.66	-28.28	-6.68	-28.26	0.69	-0.01	-0.09	-0.02	-0.09	0.02
		2230	20.60	-3.42	-21.73	-3.91	-21.24	2.96	0.14	-0.02	0.02	0.10	0.07
		2228	21.33	2.54	-19.49	2.33	-19.28	-2.16	0.02	-0.14	-0.02	-0.11	0.07
		140	28.84	2.05	-27.71	2.04	-27.70	0.37	0.24	0.12	0.23	0.13	0.03
2163	2	178	134.65	-34.49	-141.84	-35.35	-140.99	9.53	1.79	-2.37	-0.17	-0.41	2.07
		2230	241.54	-41.56	-254.92	-45.08	-251.40	27.16	2.01	-1.87	0.09	0.06	1.94
		2228	211.55	26.76	-193.99	25.78	-193.01	-14.66	1.84	-2.00	-0.05	-0.11	1.92
		140	163.05	13.41	-150.80	9.82	-147.20	24.03	2.34	-1.92	0.03	0.39	2.12
2163	3	178	21.98	-5.68	-23.65	-5.75	-23.59	1.09	0.12	-0.21	-0.02	-0.07	0.17
		2230	28.63	-4.96	-30.66	-5.45	-30.16	3.53	0.23	-0.15	0.02	0.07	0.19
		2228	26.59	3.32	-24.57	3.15	-24.40	-2.14	0.15	-0.24	-0.01	-0.08	0.19
		140	25.30	1.86	-24.08	1.67	-23.89	2.19	0.31	-0.04	0.16	0.11	0.17
2163	4	178	54.20	-13.92	-57.31	-14.24	-56.99	3.71	0.66	-0.89	-0.06	-0.17	0.77
		2230	94.29	-16.25	-99.75	-17.65	-98.36	10.70	0.79	-0.70	0.04	0.06	0.74
		2228	82.95	10.50	-76.27	10.10	-75.88	-5.84	0.69	-0.79	-0.02	-0.08	0.74
		140	65.26	5.29	-60.61	3.97	-59.30	9.20	0.94	-0.65	0.10	0.18	0.79



2164	1	306	25.53	8.62e-03	-25.17	7.72e-03	-25.17	-0.15	0.21	0.09	0.16	0.14	-0.06
		2229	22.35	-0.02	-22.09	-0.02	-22.09	-0.09	0.06	-0.10	-1.88e-03	-0.04	-0.08
		2231	23.22	7.21e-03	-23.09	6.15e-03	-23.08	-0.16	0.15	-0.16	5.29e-03	-7.07e-03	-0.15
		157	24.39	-0.02	-24.10	-0.02	-24.10	-0.08	0.31	-0.06	0.14	0.11	-0.19
2164	2	306	129.52	2.37	-127.05	0.35	-125.02	16.06	1.49	-1.67	-0.49	0.31	1.53
		2229	167.31	-0.37	-165.79	-0.39	-165.78	1.61	1.30	-1.44	5.53e-03	-0.14	1.37
		2231	137.07	0.21	-135.51	0.20	-135.50	1.17	0.81	-0.94	0.02	-0.16	0.87
		157	119.54	1.63	-117.81	-0.55	-115.63	15.98	0.74	-1.19	-0.60	0.15	0.89
2164	3	306	21.36	0.12	-21.06	0.04	-20.98	1.30	0.22	0.01	0.12	0.11	0.10
		2229	23.36	-0.04	-23.24	-0.04	-23.24	0.10	0.07	-0.09	-1.26e-03	-0.02	0.08
		2231	21.06	0.02	-21.05	0.02	-21.05	0.04	0.02	-0.02	2.98e-03	2.35e-03	0.02
		157	20.08	0.04	-19.86	-0.05	-19.77	1.34	0.11	0.08	0.11	0.09	7.61e-03
2164	4	306	52.14	0.86	-51.29	0.14	-50.57	6.11	0.63	-0.54	-0.07	0.16	0.57
		2229	66.34	-0.15	-65.82	-0.15	-65.81	0.60	0.48	-0.53	9.39e-04	-0.05	0.51
		2231	54.83	0.08	-54.36	0.08	-54.35	0.43	0.31	-0.34	7.69e-03	-0.04	0.33
		157	48.27	0.57	-47.68	-0.21	-46.89	6.10	0.34	-0.35	-0.11	0.10	0.33
2165	1	157	24.43	-5.63e-03	-24.07	-6.23e-03	-24.07	-0.12	0.30	-0.03	0.15	0.12	-0.17
		2231	23.32	2.86e-03	-23.10	2.07e-03	-23.10	-0.14	0.16	-0.18	1.13e-03	-0.02	-0.17
		2232	24.27	6.39e-04	-24.14	-2.06e-04	-24.14	-0.14	0.24	-0.23	3.46e-03	5.24e-03	-0.23
		305	23.39	-1.18e-03	-22.99	-1.79e-03	-22.99	-0.12	0.43	-0.13	0.18	0.13	-0.28
2165	2	157	120.00	1.90	-117.87	-0.25	-115.72	15.91	0.83	-1.17	-0.57	0.22	0.92
		2231	136.77	0.06	-135.17	0.05	-135.16	1.26	0.74	-0.93	-2.49e-05	-0.19	0.83
		2232	107.92	0.05	-106.76	0.04	-106.75	1.10	0.29	-0.42	0.02	-0.16	0.34
		305	110.64	1.62	-107.99	-0.44	-105.93	14.89	0.28	-0.63	-0.52	0.17	0.30
2165	3	157	20.13	0.07	-19.85	-0.02	-19.76	1.32	0.13	0.08	0.11	0.10	0.02
		2231	21.07	4.71e-03	-21.02	4.57e-03	-21.02	0.05	3.42e-03	-0.01	1.94e-04	-8.96e-03	6.31e-03
		2232	18.98	1.88e-03	-18.97	1.79e-03	-18.97	0.04	0.04	-0.04	2.84e-03	2.13e-03	-0.04
		305	18.91	0.05	-18.59	-0.03	-18.51	1.24	0.17	0.04	0.12	0.09	-0.06
2165	4	157	48.44	0.68	-47.69	-0.09	-46.92	6.06	0.38	-0.35	-0.10	0.13	0.34
		2231	54.73	0.02	-54.23	0.02	-54.22	0.47	0.28	-0.34	-1.49e-04	-0.06	0.30
		2232	43.81	0.02	-43.45	0.01	-43.45	0.41	0.11	-0.15	8.45e-03	-0.05	0.13
		305	44.75	0.58	-43.82	-0.16	-43.08	5.69	0.15	-0.13	-0.09	0.11	0.11
2166	1	305	23.36	0.01	-22.95	9.66e-03	-22.95	-0.13	0.42	-0.11	0.18	0.13	-0.27
		2232	24.32	-2.54e-03	-24.16	-3.36e-03	-24.16	-0.14	0.26	-0.25	1.94e-03	3.59e-03	-0.26
		2233	25.61	-5.79e-04	-25.17	-1.31e-03	-25.17	-0.14	0.31	-0.26	2.43e-03	0.05	-0.28
		179	22.34	0.02	-21.87	0.02	-21.87	-0.08	0.54	-0.14	0.25	0.15	-0.34
2166	2	305	110.82	1.64	-108.12	-0.44	-106.05	14.95	0.31	-0.62	-0.49	0.19	0.31
		2232	107.64	0.11	-106.49	0.09	-106.48	1.10	0.25	-0.39	0.01	-0.16	0.31
		2233	80.84	0.05	-80.56	0.04	-80.55	0.94	0.07	-0.11	3.45e-03	-0.04	-0.09
		179	101.50	1.46	-98.23	-0.45	-96.32	13.66	0.29	-0.31	-0.25	0.23	-0.18
2166	3	305	18.91	0.06	-18.58	-0.03	-18.50	1.25	0.17	0.06	0.12	0.10	-0.05
		2232	18.97	6.85e-03	-18.95	6.76e-03	-18.95	0.04	0.06	-0.06	1.47e-03	8.15e-04	-0.06
		2233	17.24	1.55e-03	-17.08	1.50e-03	-17.08	0.03	0.10	-0.08	9.19e-04	0.02	-0.09
		179	17.70	0.05	-17.32	-0.03	-17.24	1.17	0.26	0.01	0.16	0.11	-0.12
2166	4	305	44.81	0.59	-43.86	-0.16	-43.12	5.71	0.17	-0.13	-0.08	0.12	0.12
		2232	43.70	0.04	-43.35	0.04	-43.34	0.41	0.09	-0.13	4.15e-03	-0.05	0.11
		2233	33.53	0.02	-33.49	0.01	-33.49	0.35	0.03	-0.03	1.22e-03	-4.63e-03	-0.03
		179	41.14	0.52	-39.99	-0.17	-39.30	5.24	0.16	-0.02	0.01	0.13	-0.07
2167	1	179	22.29	0.04	-21.84	0.04	-21.84	-0.08	0.53	-0.13	0.25	0.15	-0.33
		2233	25.69	-7.91e-03	-25.20	-8.66e-03	-25.20	-0.14	0.33	-0.28	2.84e-03	0.06	-0.30
		2234	26.87	-7.59e-03	-26.01	-8.12e-03	-26.01	-0.12	0.34	-0.22	-3.25e-03	0.12	-0.27
		309	21.20	0.07	-20.73	0.07	-20.73	0.07	0.62	-0.07	0.36	0.19	-0.33
2167	2	179	101.58	1.49	-98.37	-0.44	-96.44	13.75	0.30	-0.25	-0.21	0.25	-0.15
		2233	80.55	0.10	-80.33	0.09	-80.32	0.95	0.09	-0.15	-0.02	-0.04	-0.12
		2234	57.72	0.06	-57.14	0.05	-57.12	0.77	0.43	-0.34	0.02	0.06	-0.38
		309	92.19	1.22	-88.62	-0.52	-86.88	12.38	0.58	-0.41	-0.08	0.25	-0.47
2167	3	179	17.68	0.06	-17.31	-0.02	-17.24	1.17	0.25	0.03	0.17	0.11	-0.11
		2233	17.26	5.11e-03	-17.07	5.06e-03	-17.07	0.03	0.12	-0.09	-4.48e-04	0.02	-0.10
		2234	15.69	7.66e-04	-15.34	7.35e-04	-15.34	0.02	0.14	-0.08	6.58e-04	0.05	-0.11
		309	16.45	0.06	-16.06	-0.02	-15.98	1.11	0.31	0.02	0.21	0.12	-0.14
2167	4	179	41.15	0.53	-40.03	-0.16	-39.34	5.27	0.16	6.89e-03	0.03	0.14	-0.05
		2233	33.44	0.04	-33.40	0.03	-33.40	0.35	0.04	-0.05	-6.66e-03	-3.15e-03	-0.05
		2234	24.83	0.02	-24.56	0.02	-24.56	0.28	0.16	-0.12	7.83e-03	0.04	-0.14
		309	37.46	0.43	-36.21	-0.20	-35.58	4.76	0.29	-0.07	0.08	0.14	-0.18
2168	1	309	21.13	0.09	-20.70	0.09	-20.70	0.07	0.60	-0.05	0.36	0.19	-0.31
		2234	26.93	-0.01	-26.04	-0.01	-26.04	-0.12	0.36	-0.24	-1.67e-03	0.12	-0.29
		2235	27.47	-0.01	-26.40	-0.01	-26.40	-0.08	0.31	-0.14	-3.31e-05	0.17	-0.21
		298	19.95	0.11	-19.56	0.10	-19.55	0.33	0.60	0.04	0.43	0.21	-0.25
2168	2	309	92.24	1.20	-88.71	-0.54	-86.97	12.39	0.58	-0.40	-0.07	0.25	-0.46
		2234	57.61	0.11	-56.95	0.10	-56.94	0.78	0.44	-0.36	0.02	0.07	-0.40
		2235	38.47	0.06	-36.77	0.05	-36.77	0.58	0.61	-0.44	-0.01	0.18	-0.52
		298	82.74	1.04	-79.18	-0.48	-77.65	10.95	0.91	-0.36	0.23	0.32	-0.63
2168	3	309	16.41	0.06	-16.05	-0.01	-15.98	1.12	0.30	0.03	0.21	0.12	-0.13
		2234	15.70	4.10e-03	-15.33	4.07e-03	-15.33	0.02	0.15	-0.10	1.12e-03	0.05	-0.12
		2235	14.18	-9.88e-04	-13.70	-1.01e-03	-13.70	0.02	0.14	-0.07	-1.41e-03	0.07	-0.10
		298	15.15	0.07	-14.81	-7.18e-03	-14.73	1.08	0.33	0.05	0.25	0.13	-0.13
2168	4	309	37.46	0.43	-36.24	-0.20	-35.61	4.76	0.28	-0.07	0.08	0.14	-0.17



		2234	24.79	0.04	-24.49	0.04	-24.49	0.29	0.18	-0.13	6.78e-03	0.04	-0.15
		2235	17.42	0.02	-16.77	0.02	-16.77	0.22	0.23	-0.16	-5.83e-03	0.08	-0.19
		298	33.74	0.37	-32.50	-0.18	-31.94	4.23	0.42	-0.06	0.19	0.16	-0.24
2169	1	298	19.89	0.11	-19.54	0.10	-19.53	0.32	0.59	0.05	0.43	0.21	-0.24
		2235	27.52	-0.02	-26.42	-0.02	-26.42	-0.09	0.33	-0.15	4.13e-03	0.17	-0.23
		2236	27.53	-0.02	-26.14	-0.02	-26.14	-0.04	0.25	-0.04	-9.45e-03	0.23	-0.09
		156	18.74	0.19	-18.32	0.16	-18.30	0.68	0.58	0.20	0.54	0.25	-0.13
2169	2	298	82.76	1.08	-79.27	-0.46	-77.73	11.01	0.91	-0.30	0.26	0.34	-0.60
		2235	38.51	0.10	-36.63	0.09	-36.62	0.61	0.64	-0.47	-0.03	0.19	-0.54
		2236	21.88	0.08	-19.47	0.07	-19.46	0.40	0.70	-0.44	0.02	0.24	-0.56
		156	73.02	0.72	-69.93	-0.60	-68.61	9.57	0.92	-0.33	0.29	0.30	-0.62
2169	3	298	15.12	0.08	-14.80	-2.82e-03	-14.72	1.09	0.33	0.06	0.26	0.13	-0.12
		2235	14.20	2.00e-03	-13.69	1.98e-03	-13.69	0.02	0.16	-0.08	-1.17e-03	0.08	-0.11
		2236	12.69	-2.30e-03	-12.09	-2.33e-03	-12.09	0.02	0.13	-0.03	-1.41e-03	0.10	-0.07
		156	13.80	0.09	-13.55	2.11e-03	-13.46	1.09	0.33	0.10	0.29	0.14	-0.09
2169	4	298	33.73	0.39	-32.52	-0.17	-31.97	4.25	0.41	-0.03	0.21	0.17	-0.22
		2235	17.45	0.04	-16.71	0.03	-16.71	0.23	0.25	-0.18	-0.01	0.08	-0.21
		2236	10.97	0.03	-10.11	0.03	-10.11	0.15	0.27	-0.16	6.89e-03	0.10	-0.21
		156	29.93	0.26	-28.85	-0.22	-28.37	3.72	0.42	-0.05	0.22	0.16	-0.24
2170	1	156	18.75	0.20	-18.30	0.17	-18.28	0.71	0.58	0.22	0.54	0.25	-0.10
		2236	27.57	-0.02	-26.15	-0.02	-26.15	-0.05	0.27	-0.05	-0.01	0.23	-0.11
		2237	26.31	-0.03	-24.97	-0.03	-24.97	0.02	0.24	-0.01	2.31e-03	0.23	0.05
		89	17.57	0.22	-17.03	0.15	-16.95	1.15	0.52	0.22	0.51	0.23	0.05
2170	2	156	73.03	0.67	-69.95	-0.63	-68.64	9.51	0.91	-0.35	0.27	0.29	-0.63
		2236	21.75	0.12	-19.35	0.11	-19.34	0.42	0.71	-0.44	0.03	0.24	-0.56
		2237	9.24	0.07	-5.59	0.06	-5.58	0.19	0.65	-0.36	-0.03	0.31	-0.48
		89	63.37	0.54	-60.84	-0.51	-59.80	7.94	1.02	-0.14	0.52	0.36	-0.57
2170	3	156	13.77	0.09	-13.54	5.38e-03	-13.45	1.09	0.32	0.11	0.29	0.14	-0.08
		2236	12.69	1.59e-03	-12.08	1.56e-03	-12.08	0.02	0.14	-0.05	-1.39e-03	0.10	-0.08
		2237	11.08	-3.61e-03	-10.47	-3.64e-03	-10.47	0.02	0.10	-4.59e-03	-1.40e-03	0.10	-0.02
		89	12.44	0.10	-12.28	5.19e-03	-12.18	1.10	0.31	0.13	0.30	0.14	-0.03
2170	4	156	29.91	0.24	-28.85	-0.23	-28.37	3.70	0.41	-0.05	0.21	0.15	-0.23
		2236	10.94	0.04	-10.07	0.04	-10.06	0.15	0.27	-0.17	0.01	0.10	-0.22
		2237	5.87	0.02	-4.73	0.02	-4.73	0.07	0.25	-0.13	-0.01	0.13	-0.18
		89	26.14	0.20	-25.26	-0.19	-24.87	3.12	0.47	0.01	0.30	0.18	-0.22
2171	1	89	17.55	0.21	-17.02	0.14	-16.94	1.14	0.51	0.22	0.50	0.23	0.06
		2237	26.26	-0.02	-24.95	-0.02	-24.95	2.92e-03	0.23	-1.56e-04	6.83e-03	0.22	0.04
		2238	24.28	-0.03	-22.89	-0.03	-22.89	0.06	0.34	-0.13	-8.52e-03	0.22	0.20
		312	16.68	0.34	-15.64	0.18	-15.48	1.58	0.62	0.14	0.52	0.24	0.20
2171	2	89	63.39	0.59	-60.90	-0.47	-59.83	8.02	1.01	-0.07	0.55	0.39	-0.53
		2237	9.45	0.09	-5.51	0.08	-5.50	0.24	0.67	-0.40	-0.04	0.32	-0.51
		2238	7.56	4.89	0.11	0.11	4.89	-0.02	0.55	-0.25	0.03	0.27	-0.38
		312	53.48	0.02	-51.96	-0.77	-51.17	6.36	0.75	-0.08	0.41	0.27	-0.41
2171	3	89	12.44	0.11	-12.27	7.00e-03	-12.17	1.11	0.30	0.14	0.30	0.14	-0.02
		2237	11.07	9.23e-04	-10.46	8.95e-04	-10.46	0.02	0.11	-0.01	-1.08e-03	0.10	-0.03
		2238	9.41	-2.20e-03	-8.84	-2.22e-03	-8.84	0.02	0.11	-0.01	-2.73e-04	0.10	0.03
		312	11.27	0.11	-10.98	-2.89e-03	-10.87	1.12	0.30	0.13	0.29	0.13	0.02
2171	4	89	26.14	0.22	-25.28	-0.17	-24.88	3.15	0.46	0.04	0.31	0.19	-0.20
		2237	5.93	0.03	-4.69	0.03	-4.69	0.09	0.26	-0.15	-0.02	0.13	-0.19
		2238	1.93	0.04	-0.61	0.04	-0.61	-8.97e-03	0.21	-0.09	0.01	0.11	-0.14
		312	22.27	0.01	-21.74	-0.29	-21.44	2.53	0.37	0.03	0.26	0.14	-0.16
2172	1	312	16.78	0.36	-15.64	0.20	-15.47	1.61	0.66	0.13	0.54	0.25	0.22
		2238	24.28	-0.02	-22.86	-0.02	-22.86	0.06	0.32	-0.11	-0.01	0.22	0.18
		2239	20.92	-0.03	-19.79	-0.03	-19.78	0.12	0.39	-0.24	-2.07e-03	0.16	0.30
		273	15.90	0.41	-14.20	0.12	-13.90	2.05	0.67	-0.05	0.42	0.20	0.34
2172	2	312	53.49	-0.03	-51.90	-0.79	-51.14	6.22	0.78	-0.06	0.42	0.29	-0.42
		2238	7.56	4.95	0.12	0.12	4.95	6.44e-03	0.54	-0.27	0.01	0.26	-0.39
		2239	13.10	11.18	0.09	0.10	11.18	-0.28	0.42	-0.19	-0.02	0.25	-0.27
		273	44.18	-0.19	-43.30	-0.63	-42.86	4.31	0.71	0.06	0.49	0.28	-0.31
2172	3	312	11.28	0.11	-10.97	1.39e-03	-10.86	1.11	0.31	0.13	0.30	0.14	0.03
		2238	9.40	2.67e-03	-8.82	2.64e-03	-8.82	0.02	0.10	-6.44e-03	-2.85e-03	0.10	0.02
		2239	7.70	-1.69e-03	-7.21	-1.72e-03	-7.21	0.01	0.12	-0.04	-2.02e-03	0.08	0.07
		273	10.08	0.12	-9.67	-0.01	-9.54	1.11	0.30	0.09	0.27	0.12	0.07
2172	4	312	22.26	-3.82e-03	-21.72	-0.29	-21.43	2.48	0.37	0.04	0.27	0.15	-0.15
		2238	1.99	0.04	-0.58	0.04	-0.58	5.78e-04	0.21	-0.10	5.03e-03	0.11	-0.15
		2239	2.86	1.97	0.03	0.04	1.96	-0.11	0.16	-0.07	-7.11e-03	0.10	-0.10
		273	18.60	-0.06	-18.30	-0.23	-18.12	1.78	0.36	0.08	0.29	0.15	-0.12
2173	1	273	15.89	0.40	-14.20	0.11	-13.91	2.04	0.67	-0.08	0.40	0.20	0.36
		2239	20.70	-7.12e-03	-19.71	-7.74e-03	-19.71	0.11	0.36	-0.22	-9.79e-04	0.13	0.28
		2240	16.60	-0.02	-15.95	-0.02	-15.95	0.14	0.38	-0.31	0.01	0.06	0.34
		106	14.51	0.50	-12.60	0.08	-12.19	2.30	0.56	-0.17	0.26	0.13	0.36
2173	2	273	44.47	-0.01	-43.30	-0.46	-42.85	4.39	0.70	0.12	0.49	0.33	-0.28
		2239	13.08	11.20	0.05	0.06	11.20	-0.19	0.43	-0.22	-0.02	0.23	-0.30
		2240	14.35	13.32	0.16	0.19	13.30	-0.56	0.30	-0.14	0.02	0.14	-0.21
		106	34.93	-1.02	-35.02	-1.18	-34.85	2.35	0.47	-5.21e-03	0.31	0.15	-0.22
2173	3	273	10.07	0.13	-9.67	-1.00e-03	-9.54	1.11	0.30	0.09	0.26	0.13	0.08
		2239	7.61	2.53e-03	-7.18	2.49e-03	-7.18	0.02	0.10	-0.03	-2.31e-03	0.07	0.06



		2240	5.96	6.12e-03	-5.67	6.12e-03	-5.67	-2.94e-03	0.11	-0.07	4.73e-03	0.04	0.09
		106	8.71	0.07	-8.32	-0.06	-8.18	1.04	0.25	0.05	0.21	0.09	0.08
2173	4	273	18.70	0.01	-18.29	-0.17	-18.11	1.81	0.35	0.11	0.29	0.16	-0.10
		2239	2.89	1.98	0.02	0.02	1.98	-0.07	0.17	-0.08	-9.17e-03	0.10	-0.12
		2240	3.51	3.01	0.05	0.07	2.99	-0.21	0.12	-0.05	6.77e-03	0.06	-0.08
		106	14.93	-0.36	-14.98	-0.44	-14.90	1.06	0.27	0.05	0.22	0.10	-0.09
2174	1	106	14.54	0.48	-12.61	0.06	-12.19	2.31	0.61	-0.14	0.30	0.17	0.37
		2240	16.61	2.92e-03	-15.89	1.82e-03	-15.89	0.13	0.37	-0.30	2.27e-03	0.07	0.33
		2241	12.22	-0.02	-11.72	-0.02	-11.72	0.16	0.25	-0.31	-0.03	-0.03	0.28
		289	12.95	0.62	-10.92	0.06	-10.37	2.46	0.50	-0.19	0.19	0.12	0.34
2174	2	106	34.96	-0.93	-34.80	-1.03	-34.70	1.87	0.58	0.14	0.45	0.26	-0.20
		2240	14.37	13.22	0.12	0.14	13.20	-0.50	0.28	-0.12	-2.51e-03	0.16	-0.19
		2241	10.91	9.86	0.05	0.13	9.77	-0.89	0.26	-0.56	-0.11	-0.20	-0.41
		289	27.52	-0.77	-27.35	-0.77	-27.35	-0.33	0.23	-0.17	-0.01	0.08	-0.20
2174	3	106	8.69	0.06	-8.30	-0.06	-8.17	1.01	0.29	0.06	0.23	0.11	0.09
		2240	5.97	0.01	-5.66	0.01	-5.66	-1.23e-03	0.10	-0.06	-2.50e-04	0.04	0.08
		2241	4.51	2.32e-03	-4.44	2.22e-03	-4.44	-0.02	0.03	-0.07	-0.02	-0.02	0.05
		289	7.27	0.08	-6.94	-0.04	-6.82	0.89	0.21	0.03	0.16	0.08	0.08
2174	4	106	14.95	-0.33	-14.89	-0.38	-14.84	0.88	0.31	0.11	0.28	0.14	-0.07
		2240	3.53	2.97	0.04	0.05	2.96	-0.19	0.12	-0.05	-1.67e-03	0.07	-0.07
		2241	2.71	1.99	-8.77e-03	0.05	1.93	-0.33	0.10	-0.21	-0.04	-0.07	-0.15
		289	11.88	-0.28	-11.85	-0.28	-11.85	0.06	0.16	3.20e-03	0.10	0.07	-0.08
2175	1	289	12.92	0.59	-10.96	6.67e-03	-10.38	2.54	0.42	-0.29	0.05	0.07	0.36
		2241	12.45	9.54e-03	-11.59	7.18e-03	-11.59	0.17	0.25	-0.27	0.04	-0.06	0.26
		2242	8.49	0.02	-7.42	0.02	-7.42	0.11	0.08	-0.25	-0.02	-0.16	0.15
		303	9.71	0.39	-9.07	-0.19	-8.49	2.27	0.14	-0.11	1.67e-03	0.04	0.12
2175	2	289	28.54	-0.81	-27.17	-0.82	-27.17	-0.42	-0.31	-1.37	-1.23	-0.44	-0.35
		2241	13.53	9.77	0.06	0.12	9.72	-0.74	0.79	-0.31	0.68	-0.20	-0.34
		2242	7.11	1.78	-0.81	0.21	0.76	-1.26	0.11	-0.83	-0.67	-0.04	-0.35
		303	24.90	-0.90	-20.96	-1.44	-20.42	-3.24	1.78	0.08	1.29	0.57	-0.77
2175	3	289	7.08	0.06	-6.93	-0.06	-6.81	0.91	0.11	-0.05	0.02	0.03	0.08
		2241	4.80	0.01	-4.40	0.01	-4.40	-8.95e-03	0.08	-0.05	0.06	-0.03	0.04
		2242	3.71	0.02	-3.59	0.02	-3.59	-0.07	-0.03	-0.07	-0.06	-0.05	0.02
		303	5.64	-0.09	-5.55	-0.17	-5.48	0.62	0.21	0.08	0.20	0.09	-0.03
2175	4	289	12.16	-0.30	-11.78	-0.30	-11.78	0.03	-0.06	-0.41	-0.36	-0.12	-0.13
		2241	3.45	1.96	4.90e-03	0.05	1.92	-0.28	0.30	-0.12	0.25	-0.07	-0.13
		2242	2.58	0.24	-1.33	0.08	-1.17	-0.47	0.05	-0.31	-0.25	-0.01	-0.13
		303	10.53	-0.42	-9.13	-0.54	-9.01	-1.01	0.76	0.07	0.58	0.25	-0.30
2176	1	303	9.88	0.50	-9.02	-0.07	-8.46	2.25	0.21	-0.14	9.57e-03	0.06	0.17
		2242	8.42	0.01	-7.40	0.01	-7.40	0.11	0.05	-0.21	-3.79e-03	-0.15	0.10
		2243	5.55	0.02	-3.91	0.02	-3.91	0.07	0.05	-0.30	-1.23e-03	-0.25	-0.12
		277	8.31	0.43	-7.10	-0.14	-6.53	2.00	0.04	-0.24	-0.17	-0.03	-0.12
2176	2	303	20.68	-0.60	-20.76	-1.28	-20.08	-3.63	0.54	0.26	0.53	0.27	-0.05
		2242	10.96	1.58	-0.91	0.21	0.46	-1.24	0.60	-1.08	-0.30	-0.18	-0.84
		2243	24.99	0.29	-15.92	0.14	-15.76	-1.57	0.96	-1.16	0.56	-0.76	-0.82
		277	28.63	1.88	-16.68	-1.00	-13.80	-6.72	-0.02	-2.62	-1.91	-0.73	-1.16
2176	3	303	5.57	-0.05	-5.49	-0.11	-5.43	0.58	0.17	0.06	0.15	0.08	0.04
		2242	3.93	0.02	-3.61	0.02	-3.61	-0.06	5.77e-03	-0.09	-0.03	-0.06	-0.04
		2243	4.70	0.02	-3.56	0.01	-3.55	-0.10	0.09	-0.19	0.04	-0.14	-0.11
		277	4.63	-0.10	-4.12	-0.12	-4.10	0.28	0.08	-0.21	-0.11	-0.03	-0.14
2176	4	303	9.04	-0.32	-9.03	-0.47	-8.87	-1.16	0.31	0.14	0.30	0.14	-0.02
		2242	4.41	0.22	-1.42	0.08	-1.28	-0.46	0.24	-0.41	-0.11	-0.06	-0.32
		2243	10.45	0.10	-7.11	0.05	-7.07	-0.59	0.36	-0.44	0.21	-0.29	-0.32
		277	10.92	0.42	-7.05	-0.37	-6.26	-2.30	0.06	-0.92	-0.62	-0.24	-0.45
2177	1	277	8.44	0.48	-7.09	-0.07	-6.54	1.96	0.02	-0.28	-0.24	-0.02	-0.10
		2243	5.83	0.01	-3.83	0.01	-3.82	0.10	0.10	-0.34	0.04	-0.28	-0.15
		2244	5.62	0.05	-1.27	0.05	-1.27	-0.04	0.29	-0.64	-0.03	-0.32	-0.44
		304	9.15	0.09	-5.03	-0.39	-4.55	1.49	0.36	-0.67	-0.24	-0.07	-0.51
2177	2	277	27.42	1.27	-17.45	-1.54	-14.65	-6.68	0.95	-1.49	-0.49	-0.04	-1.20
		2243	22.19	0.22	-15.72	0.04	-15.53	-1.70	0.59	-1.19	-0.04	-0.56	-0.85
		2244	48.20	0.45	-40.37	0.32	-40.23	-2.37	1.31	-2.13	-0.27	-0.55	-1.71
		304	33.49	6.64	-13.20	-0.81	-5.76	-9.61	1.47	-1.70	-0.19	-0.04	-1.58
2177	3	277	4.71	-0.12	-4.19	-0.14	-4.17	0.28	0.13	-0.13	-0.03	0.03	-0.13
		2243	4.62	8.64e-03	-3.50	5.57e-03	-3.50	-0.10	0.09	-0.21	0.01	-0.14	-0.13
		2244	6.17	0.05	-4.40	0.04	-4.39	-0.20	0.21	-0.38	-0.03	-0.14	-0.29
		304	4.17	-0.19	-2.58	-0.19	-2.58	-0.09	0.30	-0.31	-5.81e-03	-2.66e-04	-0.31
2177	4	277	10.54	0.20	-7.34	-0.57	-6.57	-2.28	0.42	-0.50	-0.10	0.02	-0.46
		2243	9.45	0.07	-7.03	0.01	-6.97	-0.64	0.24	-0.47	-0.01	-0.22	-0.34
		2244	18.97	0.17	-15.99	0.12	-15.94	-0.89	0.51	-0.82	-0.10	-0.21	-0.66
		304	12.67	2.00	-5.25	-0.32	-2.94	-3.38	0.63	-0.62	7.30e-03	8.35e-03	-0.63
2178	1	304	9.01	-0.21	-4.82	-0.57	-4.46	1.22	0.28	-0.78	-0.43	-0.08	-0.50
		2244	7.06	0.04	-1.27	0.04	-1.27	-0.05	0.41	-0.79	0.07	-0.45	-0.54
		2245	7.48	0.09	-0.73	0.04	-0.69	-0.19	0.70	-0.68	-0.01	0.03	-0.69
		180	9.87	0.23	-2.54	0.09	-2.40	0.60	0.69	-0.95	-0.15	-0.11	-0.82
2178	2	304	39.99	8.07	-19.28	-3.83	-7.39	-13.56	0.47	-2.55	-1.58	-0.49	-1.41
		2244	57.24	0.61	-43.44	0.46	-43.28	-2.62	1.61	-2.62	0.20	-1.20	-2.00
		2245	67.31	-2.88	-61.84	-2.94	-61.78	-1.85	2.12	-2.12	0.24	-0.24	-2.11



		180	43.15	17.34	0.36	16.44	1.26	3.80	1.62	-4.05	-1.70	-0.73	-2.80
2178	3	304	4.56	-0.39	-2.79	-0.50	-2.68	-0.50	0.21	-0.39	-0.16	-0.02	-0.29
		2244	7.42	0.06	-4.65	0.05	-4.64	-0.23	0.27	-0.48	0.04	-0.24	-0.35
		2245	7.14	-0.22	-5.67	-0.23	-5.66	-0.22	0.41	-0.39	0.01	8.27e-03	-0.40
2178	4	180	6.83	1.59	-1.23	1.38	-1.03	0.74	0.42	-0.58	-0.08	-0.08	-0.50
		304	14.93	2.49	-7.49	-1.46	-3.54	-4.88	0.26	-0.91	-0.51	-0.14	-0.56
		2244	22.47	0.23	-17.14	0.17	-17.09	-0.99	0.63	-1.02	0.08	-0.47	-0.78
		2245	25.80	-1.09	-23.78	-1.11	-23.76	-0.71	0.83	-0.82	0.08	-0.07	-0.82
2179	1	180	16.68	6.66	-0.37	6.23	0.06	1.69	0.69	-1.49	-0.54	-0.26	-1.08
		180	10.70	1.00	-2.71	0.86	-2.56	0.72	1.17	-0.52	0.38	0.27	-0.84
		2245	9.15	-0.25	-0.71	-0.26	-0.70	-0.07	0.50	-1.18	-0.49	-0.20	-0.83
		2246	10.09	0.73	0.27	0.29	0.70	-0.10	1.66	0.15	0.15	1.66	-4.01e-03
		181	5.50	1.45	-2.07	-0.14	-0.48	1.75	0.31	-0.24	0.20	-0.13	-0.22
2179	2	180	62.87	30.15	-13.78	22.18	-5.81	16.93	3.67	-1.92	0.97	0.79	-2.79
		2245	59.17	-4.06	-53.73	-4.12	-53.67	-1.68	1.56	-3.37	-1.57	-0.25	-2.37
		2246	20.41	4.34	2.94	3.91	3.38	0.65	3.11	-0.17	0.02	2.93	-0.76
		181	71.17	28.03	-36.96	-3.54	-5.39	32.48	1.71	-1.23	0.67	-0.19	-1.41
2179	3	180	9.00	2.94	-2.44	2.18	-1.68	1.88	0.77	-0.23	0.32	0.23	-0.50
		2245	7.27	-0.44	-4.94	-0.45	-4.93	-0.17	0.29	-0.71	-0.30	-0.11	-0.49
		2246	5.24	0.59	0.47	0.47	0.59	8.60e-04	0.82	0.03	0.03	0.82	-0.07
		181	7.99	2.91	-4.03	-0.41	-0.71	3.47	0.23	-0.20	0.13	-0.10	-0.18
2179	4	180	24.46	11.62	-5.77	8.49	-2.64	6.68	1.51	-0.64	0.49	0.38	-1.07
		2245	22.77	-1.57	-20.65	-1.59	-20.62	-0.65	0.61	-1.36	-0.62	-0.13	-0.95
		2246	8.35	1.70	1.23	1.54	1.38	0.22	1.26	-0.08	-8.75e-03	1.19	-0.30
		181	27.47	10.79	-14.37	-1.41	-2.16	12.57	0.65	-0.49	0.27	-0.12	-0.54
2180	1	2247	32.09	-0.73	-31.95	-0.74	-31.94	-0.54	0.07	-0.03	-0.02	0.07	0.01
		140	26.72	0.65	-26.21	0.61	-26.17	-1.03	0.36	0.20	0.36	0.20	9.49e-03
		306	25.61	-0.19	-25.39	-0.35	-25.24	-1.97	0.43	0.17	0.42	0.18	-0.05
		2132	29.57	0.37	-28.22	0.37	-28.22	0.06	0.23	-0.02	0.01	0.20	-0.08
2180	2	2247	70.38	-1.16	-64.87	-1.16	-64.87	0.47	2.10	-1.63	-0.09	0.57	1.84
		140	138.84	2.06	-135.74	1.77	-135.44	6.42	2.85	-1.25	0.83	0.77	2.05
		306	125.75	-0.25	-124.44	-0.28	-124.42	1.86	2.39	-0.72	1.04	0.63	1.54
		2132	89.78	0.44	-83.02	0.40	-82.97	1.93	2.02	-0.96	0.05	1.01	1.41
2180	3	2247	18.91	-0.40	-18.57	-0.40	-18.57	-0.18	0.17	-0.13	-0.02	0.06	0.15
		140	22.70	0.39	-22.26	0.39	-22.26	0.13	0.38	0.06	0.27	0.16	0.15
		306	21.01	-0.15	-20.99	-0.17	-20.97	-0.62	0.36	0.09	0.31	0.14	0.10
		2132	19.63	0.19	-18.62	0.18	-18.62	0.19	0.19	-0.02	0.01	0.16	0.07
2180	4	2247	30.26	-0.52	-28.33	-0.52	-28.33	0.12	0.78	-0.61	-0.04	0.21	0.69
		140	55.91	0.84	-54.73	0.74	-54.63	2.34	1.13	-0.39	0.41	0.33	0.76
		306	50.79	-0.15	-50.36	-0.15	-50.36	0.51	0.97	-0.20	0.49	0.28	0.58
		2132	37.48	0.21	-34.86	0.19	-34.84	0.74	0.76	-0.34	0.02	0.40	0.52
2181	1	2133	35.33	-6.08	-37.60	-6.67	-37.01	-4.28	0.10	0.02	0.03	0.09	-0.03
		178	25.39	-6.68	-27.55	-6.77	-27.47	-1.32	-0.05	-0.10	-0.05	-0.10	9.15e-03
		140	29.74	2.13	-28.52	1.90	-28.30	-2.62	0.29	0.15	0.29	0.15	-5.60e-04
		2247	32.42	4.06	-29.97	3.87	-29.78	2.53	0.04	-0.12	-0.01	-0.06	-0.08
2181	2	2133	58.64	-6.92	-50.76	-9.50	-48.18	-10.33	2.10	-1.79	0.19	0.12	1.95
		178	140.58	-34.40	-151.09	-34.43	-151.06	-1.72	1.76	-2.53	-0.31	-0.46	2.14
		140	147.49	12.02	-139.54	11.88	-139.40	4.53	2.58	-1.35	0.66	0.57	1.96
		2247	67.60	7.45	-58.18	5.94	-56.67	9.82	1.87	-1.65	-0.08	0.31	1.75
2181	3	2133	18.98	-3.11	-19.66	-3.54	-19.23	-2.63	0.17	-0.07	0.03	0.07	0.12
		178	22.23	-5.68	-24.15	-5.70	-24.12	-0.69	0.10	-0.22	-0.04	-0.08	0.16
		140	24.58	1.80	-23.49	1.79	-23.47	-0.68	0.33	0.03	0.23	0.13	0.14
		2247	18.73	2.27	-17.18	2.09	-17.00	1.88	0.06	-0.11	-0.01	-0.03	0.08
2181	4	2133	25.81	-3.35	-23.56	-4.38	-22.54	-4.43	0.78	-0.62	0.07	0.08	0.70
		178	56.41	-13.89	-60.76	-13.90	-60.74	-0.81	0.64	-0.94	-0.12	-0.18	0.79
		140	59.52	4.78	-56.42	4.74	-56.39	1.44	1.02	-0.43	0.34	0.25	0.73
		2247	29.13	3.28	-25.54	2.70	-24.96	4.04	0.65	-0.60	-0.03	0.08	0.62
2182	1	2132	28.97	-0.06	-28.17	-0.06	-28.17	-0.16	0.16	-0.04	-9.21e-03	0.13	-0.07
		306	25.54	0.19	-25.25	0.09	-25.15	-1.59	0.47	0.20	0.44	0.23	-0.08
		157	24.77	0.11	-24.20	-0.02	-24.07	-1.76	0.54	0.12	0.46	0.21	-0.16
		2134	26.26	0.02	-25.07	0.02	-25.07	-0.11	0.28	-0.10	-2.50e-03	0.19	-0.16
2182	2	2132	88.91	-0.03	-82.79	-0.05	-82.77	1.22	1.85	-1.03	-0.05	0.86	1.36
		306	126.84	0.48	-124.76	0.38	-124.67	3.49	2.51	-0.53	1.15	0.82	1.51
		157	116.57	0.53	-115.31	0.51	-115.29	1.58	1.89	-6.29e-03	1.18	0.70	0.92
		2134	101.06	-0.10	-95.04	-0.12	-95.02	1.39	1.48	-0.49	5.37e-03	0.98	0.86
2182	3	2132	19.24	-0.03	-18.58	-0.03	-18.58	0.04	0.15	-0.05	-7.60e-03	0.11	0.08
		306	21.18	0.07	-20.96	0.07	-20.95	-0.33	0.37	0.14	0.33	0.18	0.08
		157	19.90	0.05	-19.75	0.03	-19.74	-0.54	0.34	0.15	0.33	0.16	0.02
		2134	19.29	-2.25e-03	-18.41	-2.57e-03	-18.41	0.08	0.15	-1.67e-03	-4.94e-04	0.15	0.01
2182	4	2132	37.02	-0.02	-34.77	-0.02	-34.76	0.45	0.69	-0.38	-0.02	0.32	0.51
		306	51.23	0.18	-50.46	0.15	-50.44	1.17	1.01	-0.12	0.54	0.35	0.56
		157	47.20	0.19	-46.77	0.19	-46.76	0.44	0.79	0.06	0.55	0.30	0.34
		2134	41.47	-0.04	-39.15	-0.04	-39.14	0.52	0.56	-0.18	1.84e-03	0.38	0.32
2183	1	2134	26.09	2.80e-03	-25.02	2.14e-03	-25.02	-0.13	0.26	-0.09	-2.95e-03	0.17	-0.15
		157	24.73	0.14	-24.19	0.02	-24.07	-1.72	0.55	0.12	0.45	0.22	-0.19
		305	23.82	0.13	-23.11	-1.16e-03	-22.97	-1.75	0.59	0.02	0.41	0.20	-0.26
		2135	22.87	-5.68e-03	-21.82	-6.45e-03	-21.82	-0.13	0.34	-0.19	-2.02e-03	0.15	-0.25



2183	2	2134	101.03	-0.03	-95.24	-0.05	-95.22	1.27	1.43	-0.51	-9.23e-03	0.93	0.85
		157	116.61	0.44	-115.13	0.41	-115.09	1.90	1.89	0.04	1.18	0.76	0.90
		305	106.67	0.44	-105.57	0.43	-105.57	0.59	1.26	0.50	1.10	0.67	0.32
		2135	109.95	-0.05	-104.78	-0.06	-104.76	1.14	0.96	-0.11	-0.02	0.86	0.31
2183	3	2134	19.21	-2.61e-03	-18.41	-2.81e-03	-18.41	0.06	0.14	-5.51e-03	-1.70e-03	0.13	0.02
		157	19.84	0.05	-19.73	0.04	-19.71	-0.51	0.33	0.17	0.33	0.17	9.30e-03
		305	18.65	0.05	-18.49	0.03	-18.47	-0.62	0.33	0.14	0.31	0.15	-0.05
		2135	18.75	-7.40e-03	-18.00	-7.54e-03	-18.00	0.05	0.15	-0.02	-1.65e-03	0.12	-0.06
2183	4	2134	41.44	-0.01	-39.21	-0.02	-39.21	0.48	0.54	-0.19	-3.56e-03	0.36	0.32
		157	47.23	0.16	-46.69	0.16	-46.68	0.57	0.79	0.09	0.55	0.33	0.33
		305	43.33	0.16	-42.95	0.16	-42.95	0.08	0.57	0.24	0.52	0.29	0.12
		2135	44.58	-0.02	-42.58	-0.02	-42.58	0.43	0.37	-0.04	-5.65e-03	0.33	0.11
2184	1	2135	22.78	8.88e-03	-21.76	8.10e-03	-21.76	-0.13	0.32	-0.17	-1.83e-03	0.15	-0.24
		305	23.85	0.13	-23.11	-2.03e-03	-22.98	-1.75	0.61	5.44e-03	0.41	0.20	-0.28
		179	22.78	0.11	-22.02	-0.02	-21.89	-1.72	0.59	-0.08	0.34	0.18	-0.32
		2071	19.41	-3.92e-03	-18.56	-4.79e-03	-18.56	-0.13	0.36	-0.26	-2.59e-03	0.10	-0.30
2184	2	2135	110.03	-0.07	-105.00	-0.08	-104.98	1.13	0.95	-0.12	-0.01	0.84	0.32
		305	106.58	0.45	-105.37	0.44	-105.37	0.70	1.24	0.53	1.08	0.68	0.30
		179	97.07	0.38	-95.93	0.38	-95.93	-0.48	0.91	0.48	0.83	0.56	-0.16
		2071	115.93	-0.03	-111.89	-0.04	-111.88	0.95	0.69	-0.02	-2.80e-03	0.67	-0.12
2184	3	2135	18.72	-2.73e-03	-18.00	-2.86e-03	-17.99	0.05	0.13	-0.01	-1.38e-03	0.12	-0.04
		305	18.62	0.05	-18.47	0.03	-18.45	-0.61	0.34	0.13	0.31	0.16	-0.06
		179	17.42	0.05	-17.25	0.02	-17.22	-0.69	0.33	0.08	0.27	0.14	-0.11
		2071	17.98	-4.94e-03	-17.38	-5.02e-03	-17.38	0.04	0.16	-0.07	-1.06e-03	0.09	-0.10
2184	4	2135	44.60	-0.02	-42.66	-0.03	-42.65	0.42	0.37	-0.04	-4.33e-03	0.32	0.12
		305	43.29	0.17	-42.86	0.17	-42.86	0.12	0.56	0.25	0.51	0.30	0.11
		179	39.54	0.14	-39.16	0.14	-39.16	-0.32	0.44	0.23	0.42	0.25	-0.06
		2071	46.61	-0.01	-45.03	-0.01	-45.03	0.36	0.27	-9.77e-03	-1.12e-03	0.26	-0.05
2185	1	2071	19.30	0.01	-18.51	0.01	-18.50	-0.13	0.33	-0.24	-2.82e-03	0.10	-0.28
		179	22.83	0.11	-22.03	-0.02	-21.89	-1.73	0.61	-0.10	0.33	0.18	-0.34
		309	21.48	0.07	-20.92	-0.06	-20.80	-1.62	0.50	-0.14	0.22	0.14	-0.32
		2108	15.94	7.09e-04	-15.45	-6.25e-05	-15.45	-0.11	0.32	-0.27	4.30e-03	0.04	-0.29
2185	2	2071	115.92	-0.07	-112.07	-0.08	-112.06	0.97	0.67	-1.98e-03	0.01	0.65	-0.10
		179	96.98	0.39	-95.78	0.39	-95.78	-0.39	0.88	0.47	0.80	0.55	-0.16
		309	87.63	0.45	-86.44	0.43	-86.41	-1.52	1.02	0.10	0.65	0.48	-0.45
		2108	119.69	-0.03	-116.46	-0.04	-116.46	0.79	0.74	-0.24	-0.01	0.51	-0.41
2185	3	2071	17.94	-1.84e-03	-17.37	-1.92e-03	-17.37	0.04	0.14	-0.05	3.21e-04	0.09	-0.09
		179	17.41	0.05	-17.23	0.02	-17.20	-0.69	0.34	0.07	0.27	0.14	-0.12
		309	16.16	0.05	-16.00	0.02	-15.97	-0.74	0.31	0.04	0.22	0.12	-0.13
		2108	17.03	-3.66e-03	-16.61	-3.71e-03	-16.61	0.03	0.16	-0.10	2.97e-04	0.06	-0.12
2185	4	2071	46.60	-0.02	-45.09	-0.03	-45.09	0.36	0.26	4.08e-04	5.45e-03	0.25	-0.04
		179	39.50	0.15	-39.09	0.15	-39.09	-0.29	0.43	0.23	0.40	0.25	-0.06
		309	35.81	0.17	-35.42	0.16	-35.41	-0.71	0.46	0.11	0.35	0.22	-0.17
		2108	47.81	-0.01	-46.54	-0.01	-46.54	0.30	0.29	-0.09	-4.78e-03	0.20	-0.16
2186	1	2108	15.85	0.02	-15.40	0.01	-15.40	-0.11	0.30	-0.25	4.34e-03	0.04	-0.27
		309	21.52	0.07	-20.93	-0.06	-20.80	-1.62	0.51	-0.15	0.22	0.14	-0.33
		298	19.99	0.04	-19.76	-0.07	-19.66	-1.45	0.38	-0.10	0.16	0.13	-0.24
		2110	13.03	3.78e-03	-12.71	3.32e-03	-12.71	-0.08	0.22	-0.24	-2.64e-03	-0.01	-0.23
2186	2	2108	119.79	-0.07	-116.63	-0.08	-116.62	0.79	0.72	-0.22	-7.35e-03	0.51	-0.39
		309	87.53	0.48	-86.30	0.46	-86.27	-1.49	1.05	0.08	0.64	0.48	-0.48
		298	78.46	0.48	-77.26	0.39	-77.17	-2.64	0.99	-0.25	0.38	0.36	-0.62
		2110	120.29	-0.04	-118.30	-0.04	-118.30	0.59	0.73	-0.42	4.94e-03	0.31	-0.55
2186	3	2108	17.01	-8.00e-04	-16.60	-8.53e-04	-16.60	0.03	0.14	-0.08	1.00e-03	0.06	-0.11
		309	16.17	0.05	-15.99	0.02	-15.95	-0.74	0.32	0.03	0.22	0.12	-0.14
		298	14.88	0.05	-14.76	8.88e-03	-14.72	-0.78	0.27	0.02	0.18	0.11	-0.12
		2110	15.96	-3.16e-03	-15.73	-3.20e-03	-15.73	0.02	0.13	-0.10	-6.78e-04	0.03	-0.12
2186	4	2108	47.84	-0.03	-46.59	-0.03	-46.59	0.30	0.28	-0.08	-2.46e-03	0.20	-0.14
		309	35.77	0.19	-35.36	0.17	-35.35	-0.70	0.48	0.09	0.35	0.22	-0.18
		298	32.19	0.19	-31.80	0.15	-31.76	-1.13	0.45	-0.02	0.25	0.18	-0.23
		2110	47.83	-0.02	-47.02	-0.02	-47.02	0.22	0.28	-0.16	1.57e-03	0.12	-0.21
2187	1	2110	12.96	0.02	-12.66	0.01	-12.66	-0.08	0.19	-0.22	-5.24e-03	-0.02	-0.20
		298	20.04	0.04	-19.76	-0.07	-19.66	-1.45	0.40	-0.11	0.16	0.13	-0.26
		156	18.81	-0.04	-18.53	-0.12	-18.45	-1.22	0.19	-0.04	0.05	0.09	-0.11
		2111	10.94	9.58e-03	-10.45	9.47e-03	-10.45	-0.04	0.08	-0.14	9.38e-03	-0.07	-0.11
2187	2	2110	120.28	-0.07	-118.41	-0.07	-118.41	0.62	0.71	-0.39	0.02	0.30	-0.53
		298	78.41	0.47	-77.17	0.38	-77.09	-2.60	0.96	-0.26	0.34	0.36	-0.61
		156	69.25	0.70	-68.22	0.49	-68.02	-3.75	0.91	-0.30	0.30	0.31	-0.61
		2111	119.01	-0.05	-117.52	-0.05	-117.52	0.42	0.69	-0.49	-0.01	0.21	-0.58
2187	3	2110	15.93	-3.24e-04	-15.72	-3.64e-04	-15.72	0.02	0.11	-0.09	-4.05e-05	0.03	-0.10
		298	14.89	0.05	-14.75	0.01	-14.71	-0.78	0.28	0.01	0.18	0.11	-0.13
		156	13.62	0.05	-13.51	3.09e-03	-13.46	-0.80	0.20	0.04	0.15	0.09	-0.08
		2111	14.87	-2.12e-03	-14.80	-2.16e-03	-14.80	0.02	0.09	-0.08	1.71e-03	7.78e-03	-0.08
2187	4	2110	47.82	-0.02	-47.06	-0.03	-47.05	0.23	0.27	-0.14	7.68e-03	0.12	-0.20
		298	32.16	0.18	-31.77	0.14	-31.73	-1.12	0.44	-0.03	0.24	0.18	-0.23
		156	28.56	0.27	-28.23	0.18	-28.15	-1.55	0.42	-0.04	0.22	0.16	-0.23
		2111	47.14	-0.02	-46.52	-0.02	-46.52	0.16	0.27	-0.19	-5.07e-03	0.09	-0.22
2188	1	2111	10.92	0.02	-10.42	0.02	-10.42	-0.04	0.07	-0.12	0.01	-0.07	-0.09



		156	18.81	-0.04	-18.53	-0.12	-18.45	-1.21	0.18	-0.05	0.04	0.09	-0.12
		89	17.60	-0.04	-17.16	-0.10	-17.11	-0.93	0.15	0.02	0.07	0.10	0.07
		2112	9.34	0.01	-8.92	0.01	-8.92	0.02	0.01	-0.08	-2.59e-03	-0.07	0.03
2188	2	2111	119.08	-0.07	-117.62	-0.07	-117.62	0.42	0.66	-0.47	-0.02	0.21	-0.55
		156	69.20	0.74	-68.13	0.53	-67.92	-3.79	0.96	-0.32	0.32	0.33	-0.64
		89	60.52	0.84	-59.63	0.42	-59.21	-5.03	0.70	-0.43	0.07	0.21	-0.56
		2112	114.21	-0.06	-113.66	-0.06	-113.66	0.19	0.56	-0.45	0.03	0.09	-0.51
2188	3	2111	14.84	4.33e-04	-14.79	3.94e-04	-14.79	0.02	0.07	-0.06	1.78e-03	6.27e-03	-0.07
		156	13.61	0.05	-13.49	6.11e-03	-13.45	-0.80	0.21	0.03	0.15	0.09	-0.09
		89	12.38	0.06	-12.24	4.31e-03	-12.18	-0.82	0.15	0.08	0.14	0.09	-0.02
		2112	13.87	-2.50e-03	-13.84	-2.55e-03	-13.84	0.02	0.03	-0.04	1.17e-03	-3.10e-03	-0.03
2188	4	2111	47.16	-0.03	-46.56	-0.03	-46.56	0.16	0.25	-0.17	-8.93e-03	0.09	-0.20
		156	28.53	0.29	-28.19	0.20	-28.11	-1.56	0.44	-0.05	0.23	0.16	-0.24
		89	25.09	0.32	-24.82	0.16	-24.65	-2.03	0.34	-0.08	0.13	0.12	-0.21
		2112	45.14	-0.02	-44.88	-0.02	-44.88	0.07	0.22	-0.17	9.67e-03	0.04	-0.19
2189	1	2112	9.31	0.01	-8.92	0.01	-8.92	0.01	0.03	-0.10	-6.60e-03	-0.06	0.06
		89	17.56	-0.03	-17.15	-0.08	-17.09	-0.94	0.14	0.05	0.09	0.11	0.05
		312	16.32	-0.10	-15.70	-0.13	-15.67	-0.69	0.29	-0.13	0.07	0.09	0.21
		2113	8.71	0.02	-8.07	0.01	-8.07	0.07	0.16	-0.21	8.49e-03	-0.06	0.18
2189	2	2112	114.14	-0.06	-113.69	-0.07	-113.69	0.25	0.55	-0.44	0.03	0.07	-0.50
		89	60.58	0.80	-59.60	0.38	-59.19	-4.99	0.68	-0.41	0.05	0.21	-0.54
		312	52.17	1.40	-51.14	0.63	-50.37	-6.31	0.58	-0.21	0.16	0.21	-0.40
		2113	107.41	-0.08	-106.94	-0.08	-106.94	0.02	0.43	-0.39	-0.02	0.06	-0.41
2189	3	2112	13.86	-8.20e-04	-13.84	-8.67e-04	-13.84	0.03	0.02	-0.02	4.00e-04	-2.83e-03	-0.02
		89	12.37	0.06	-12.22	8.35e-03	-12.17	-0.82	0.15	0.07	0.14	0.09	-0.03
		312	11.13	0.08	-10.93	0.01	-10.86	-0.85	0.16	0.07	0.14	0.09	0.03
		2113	12.89	-2.79e-03	-12.86	-2.83e-03	-12.86	0.02	0.02	-0.02	9.91e-04	-3.58e-03	0.02
2189	4	2112	45.11	-0.02	-44.88	-0.02	-44.88	0.09	0.21	-0.16	0.01	0.04	-0.18
		89	25.11	0.31	-24.80	0.15	-24.64	-2.02	0.33	-0.08	0.13	0.12	-0.21
		312	21.89	0.53	-21.44	0.24	-21.14	-2.51	0.29	-5.32e-03	0.17	0.12	-0.15
		2113	42.40	-0.03	-42.16	-0.03	-42.16	8.44e-03	0.17	-0.15	-7.57e-03	0.03	-0.16
2190	1	2113	8.81	0.01	-8.06	0.01	-8.06	0.07	0.18	-0.24	0.01	-0.07	0.20
		312	16.30	-0.10	-15.68	-0.13	-15.65	-0.66	0.28	-0.14	0.05	0.09	0.21
		273	14.93	-0.05	-14.05	-0.06	-14.04	-0.43	0.50	-0.21	0.17	0.12	0.36
		2154	8.62	0.01	-7.97	0.01	-7.96	0.13	0.28	-0.28	2.82e-03	-7.19e-03	0.28
2190	2	2113	107.38	-0.07	-106.98	-0.07	-106.98	0.01	0.40	-0.36	-0.01	0.05	-0.38
		312	52.21	1.44	-51.12	0.65	-50.33	-6.40	0.62	-0.24	0.16	0.22	-0.43
		273	44.95	1.89	-43.48	0.49	-42.09	-7.84	0.42	-0.18	0.10	0.15	-0.30
		2154	96.65	-0.09	-96.47	-0.09	-96.47	-0.28	0.34	-0.27	0.02	0.04	-0.30
2190	3	2113	12.91	-5.26e-04	-12.86	-5.71e-04	-12.86	0.02	0.03	-0.04	2.49e-03	-6.52e-03	0.03
		312	11.12	0.08	-10.91	0.01	-10.85	-0.85	0.14	0.08	0.13	0.09	0.02
		273	9.90	0.10	-9.61	0.02	-9.52	-0.89	0.22	0.04	0.16	0.09	0.08
		2154	11.88	-5.33e-03	-11.81	-5.36e-03	-11.81	0.02	0.06	-0.05	2.72e-03	0.01	0.05
2190	4	2113	42.37	-0.02	-42.17	-0.02	-42.17	6.24e-03	0.15	-0.13	-5.00e-03	0.03	-0.14
		312	21.90	0.54	-21.42	0.24	-21.12	-2.55	0.31	-0.02	0.17	0.12	-0.16
		273	18.95	0.70	-18.35	0.19	-17.83	-3.09	0.23	7.30e-03	0.14	0.10	-0.11
		2154	38.16	-0.04	-38.03	-0.04	-38.03	-0.10	0.14	-0.10	8.76e-03	0.03	-0.12
2191	1	2248	3.62	0.96	0.28	0.94	0.30	-0.12	0.35	-0.22	0.25	-0.12	-0.22
		2260	4.36	-0.14	-2.55	-2.49	-0.20	0.38	0.35	-0.21	0.05	0.09	-0.28
		687	9.71	2.50	-3.78	-1.99	0.71	2.83	0.35	-0.54	-0.13	-0.06	-0.44
		2	7.19	1.21	-3.06	0.22	-2.07	1.80	0.67	0.16	0.29	0.54	-0.22
2191	2	2248	16.28	4.71	0.95	4.62	1.03	-0.57	1.55	-0.88	1.14	-0.47	-0.91
		2260	16.68	-0.21	-4.09	-3.90	-0.39	0.83	1.76	-0.97	0.49	0.30	-1.36
		687	36.92	6.67	-13.83	-8.32	1.15	9.09	1.97	-2.01	-0.25	0.21	-1.98
		2	24.78	2.30	-8.36	0.05	-6.11	4.35	2.88	0.68	1.15	2.40	-0.90
2191	3	2248	2.58	0.80	0.19	0.78	0.21	-0.11	0.24	-0.14	0.17	-0.08	-0.14
		2260	2.91	-0.09	-1.49	-1.45	-0.13	0.25	0.25	-0.14	0.05	0.06	-0.19
		687	6.69	1.65	-2.82	-1.57	0.41	2.01	0.25	-0.35	-0.08	-0.02	-0.30
		2	4.72	0.76	-2.06	0.12	-1.43	1.18	0.44	0.13	0.20	0.37	-0.14
2191	4	2248	6.33	1.91	0.39	1.87	0.43	-0.25	0.59	-0.34	0.44	-0.19	-0.35
		2260	6.54	-0.11	-1.95	-1.87	-0.19	0.38	0.67	-0.36	0.18	0.12	-0.51
		687	14.75	2.89	-5.80	-3.45	0.54	3.86	0.73	-0.78	-0.12	0.06	-0.75
		2	9.93	1.08	-3.63	0.07	-2.63	1.93	1.10	0.28	0.46	0.92	-0.34
2192	1	2260	4.49	-0.05	-2.92	-2.91	-0.06	0.18	0.33	-0.32	-0.03	0.04	-0.32
		2261	7.72	-0.06	-6.72	-6.71	-0.07	0.18	0.29	-0.37	-0.07	-7.09e-03	-0.33
		688	7.77	1.21	-4.11	-3.03	0.13	2.14	0.26	-0.41	-0.06	-0.09	-0.33
		687	8.36	1.73	-3.31	-1.71	0.13	2.35	0.35	-0.44	-0.03	-0.06	-0.39
2192	2	2260	17.72	0.09	-5.12	-5.06	0.03	0.55	1.69	-1.34	0.21	0.14	-1.51
		2261	26.50	-0.01	-18.64	-18.62	-0.03	0.58	1.68	-1.76	-0.03	-0.05	-1.72
		688	36.83	4.49	-17.90	-13.30	-0.11	9.05	1.78	-1.85	-0.08	0.01	-1.82
		687	32.71	4.47	-12.41	-7.50	-0.45	7.67	1.91	-1.68	0.06	0.17	-1.79
2192	3	2260	2.99	-0.03	-1.74	-1.73	-0.03	0.11	0.23	-0.21	8.66e-04	0.02	-0.22
		2261	5.14	-0.04	-4.53	-4.52	-0.04	0.14	0.22	-0.25	-0.02	-5.57e-03	-0.24
		688	5.97	0.89	-3.31	-2.46	0.05	1.68	0.22	-0.27	-0.03	-0.02	-0.25
		687	5.83	1.14	-2.51	-1.38	0.01	1.68	0.26	-0.27	-1.88e-03	-7.99e-03	-0.26
2192	4	2260	6.88	0.01	-2.39	-2.37	-8.24e-03	0.22	0.64	-0.51	0.07	0.05	-0.58
		2261	10.79	-0.02	-8.06	-8.05	-0.03	0.26	0.64	-0.67	-0.01	-0.02	-0.65



		688	14.57	1.86	-7.39	-5.50	-0.03	3.73	0.67	-0.70	-0.04	4.15e-03	-0.69
		687	13.05	1.95	-5.20	-3.10	-0.16	3.26	0.72	-0.64	0.02	0.06	-0.68
2193	1	2261	7.75	-0.08	-6.73	-6.73	-0.08	0.11	0.29	-0.35	-0.07	6.45e-03	-0.31
		2262	10.34	-0.06	-9.75	-9.75	-0.06	0.16	0.25	-0.31	-0.05	-5.16e-03	-0.28
		689	7.17	0.67	-4.66	-4.08	0.10	1.65	0.25	-0.33	-0.04	-0.05	-0.29
		688	7.55	1.06	-3.93	-3.03	0.15	1.93	0.28	-0.40	-0.04	-0.08	-0.34
2193	2	2261	26.33	-0.08	-18.97	-18.94	-0.11	0.66	1.68	-1.68	-0.03	0.03	-1.68
		2262	37.39	-0.06	-32.89	-32.88	-0.07	0.60	1.63	-1.73	-0.07	-0.02	-1.68
		689	37.68	3.48	-21.36	-18.19	0.31	8.29	1.74	-1.85	-0.06	-0.05	-1.80
		688	35.93	4.00	-17.18	-13.23	0.06	8.25	1.83	-1.85	-0.01	-0.01	-1.84
2193	3	2261	5.21	-0.05	-4.56	-4.56	-0.05	0.09	0.22	-0.24	-0.03	3.82e-03	-0.23
		2262	7.40	-0.04	-7.02	-7.01	-0.04	0.13	0.21	-0.23	-0.02	-3.45e-03	-0.22
		689	5.87	0.56	-3.84	-3.34	0.06	1.40	0.22	-0.25	-0.02	-0.02	-0.23
		688	5.81	0.79	-3.17	-2.45	0.07	1.53	0.23	-0.27	-0.01	-0.02	-0.25
2193	4	2261	10.68	-0.05	-8.18	-8.18	-0.06	0.25	0.63	-0.64	-0.01	0.01	-0.63
		2262	15.42	-0.04	-13.87	-13.87	-0.04	0.26	0.62	-0.65	-0.03	-8.80e-03	-0.64
		689	14.90	1.39	-8.79	-7.52	0.12	3.36	0.66	-0.70	-0.03	-0.02	-0.68
		688	14.22	1.66	-7.10	-5.48	0.04	3.40	0.69	-0.70	-5.66e-03	-4.45e-03	-0.70
2194	1	2262	10.40	-0.07	-9.76	-9.75	-0.07	0.08	0.25	-0.30	-0.05	-1.06e-03	-0.28
		2263	12.57	-0.06	-12.10	-12.10	-0.06	0.14	0.22	-0.27	-0.05	-3.34e-04	-0.25
		690	6.96	0.39	-5.18	-4.87	0.07	1.28	0.22	-0.31	-0.03	-0.05	-0.26
		689	7.04	0.59	-4.55	-4.07	0.11	1.49	0.26	-0.34	-0.03	-0.05	-0.30
2194	2	2262	37.33	-0.12	-33.09	-33.08	-0.14	0.64	1.62	-1.70	-0.08	1.08e-03	-1.66
		2263	48.96	-0.09	-45.54	-45.53	-0.10	0.50	1.50	-1.66	-0.16	-1.90e-03	-1.58
		690	37.58	2.44	-24.31	-22.30	0.43	7.06	1.56	-1.87	-0.10	-0.22	-1.71
		689	36.98	3.08	-20.82	-18.10	0.37	7.58	1.77	-1.88	-0.03	-0.08	-1.83
2194	3	2262	7.47	-0.05	-7.03	-7.03	-0.05	0.07	0.21	-0.23	-0.02	-3.95e-04	-0.22
		2263	9.40	-0.04	-9.06	-9.06	-0.04	0.11	0.19	-0.22	-0.03	-2.22e-04	-0.20
		690	5.85	0.35	-4.32	-4.03	0.06	1.12	0.19	-0.25	-0.02	-0.03	-0.22
		689	5.77	0.50	-3.75	-3.33	0.07	1.27	0.22	-0.26	-0.01	-0.02	-0.24
2194	4	2262	15.38	-0.07	-13.95	-13.94	-0.07	0.24	0.61	-0.64	-0.03	2.39e-04	-0.63
		2263	20.16	-0.05	-18.96	-18.96	-0.06	0.22	0.57	-0.63	-0.06	-6.86e-04	-0.60
		690	14.91	0.96	-9.99	-9.19	0.17	2.84	0.59	-0.71	-0.04	-0.08	-0.65
		689	14.63	1.24	-8.57	-7.48	0.15	3.08	0.67	-0.71	-0.01	-0.03	-0.69
2195	1	2263	12.61	-0.06	-12.10	-12.10	-0.06	0.05	0.22	-0.27	-0.05	-4.10e-04	-0.24
		2264	14.35	-0.06	-13.91	-13.91	-0.06	0.12	0.18	-0.24	-0.06	8.60e-04	-0.21
		691	6.80	0.23	-5.61	-5.44	0.06	0.98	0.17	-0.28	-0.03	-0.07	-0.22
		690	6.82	0.33	-5.11	-4.86	0.08	1.13	0.23	-0.31	-0.03	-0.05	-0.27
2195	2	2263	49.05	-0.13	-45.65	-45.64	-0.14	0.55	1.48	-1.65	-0.17	6.89e-04	-1.57
		2264	59.10	-0.11	-55.96	-55.95	-0.11	0.40	1.28	-1.54	-0.26	4.29e-03	-1.40
		691	36.74	1.65	-26.84	-25.65	0.46	5.70	1.27	-1.78	-0.14	-0.38	-1.52
		690	36.90	2.13	-23.91	-22.24	0.46	6.39	1.58	-1.89	-0.08	-0.22	-1.74
2195	3	2263	9.44	-0.05	-9.07	-9.07	-0.05	0.05	0.19	-0.22	-0.03	-9.16e-05	-0.20
		2264	11.02	-0.04	-10.67	-10.67	-0.04	0.10	0.16	-0.20	-0.04	6.64e-04	-0.18
		691	5.80	0.22	-4.73	-4.56	0.05	0.88	0.15	-0.23	-0.02	-0.05	-0.19
		690	5.75	0.30	-4.26	-4.02	0.07	1.01	0.20	-0.25	-0.02	-0.03	-0.22
2195	4	2263	20.23	-0.07	-19.01	-19.00	-0.07	0.20	0.56	-0.63	-0.07	2.34e-04	-0.59
		2264	24.27	-0.06	-23.13	-23.13	-0.06	0.18	0.49	-0.58	-0.10	1.68e-03	-0.53
		691	14.65	0.64	-11.02	-10.55	0.17	2.28	0.48	-0.68	-0.05	-0.14	-0.58
		690	14.64	0.84	-9.83	-9.17	0.18	2.57	0.60	-0.72	-0.03	-0.08	-0.66
2196	1	2264	14.38	-0.06	-13.92	-13.92	-0.06	0.03	0.18	-0.24	-0.06	3.30e-04	-0.21
		2265	15.70	-0.06	-15.27	-15.27	-0.06	0.10	0.13	-0.20	-0.06	9.14e-04	-0.16
		692	6.63	0.13	-5.90	-5.81	0.05	0.72	0.12	-0.24	-0.04	-0.08	-0.17
		691	6.67	0.18	-5.55	-5.43	0.06	0.83	0.18	-0.28	-0.03	-0.07	-0.23
2196	2	2264	59.15	-0.14	-56.03	-56.03	-0.14	0.45	1.26	-1.53	-0.26	2.81e-03	-1.39
		2265	67.00	-0.12	-64.05	-64.05	-0.12	0.30	0.99	-1.32	-0.34	5.49e-03	-1.14
		692	35.45	1.11	-28.83	-28.20	0.47	4.31	0.91	-1.58	-0.17	-0.50	-1.23
		691	36.11	1.42	-26.55	-25.61	0.48	5.05	1.29	-1.80	-0.13	-0.38	-1.54
2196	3	2264	11.05	-0.05	-10.68	-10.68	-0.05	0.03	0.16	-0.20	-0.04	3.49e-04	-0.18
		2265	12.24	-0.04	-11.89	-11.89	-0.04	0.08	0.12	-0.17	-0.05	7.68e-04	-0.14
		692	5.71	0.13	-5.03	-4.94	0.05	0.65	0.11	-0.20	-0.03	-0.07	-0.15
		691	5.70	0.18	-4.68	-4.56	0.06	0.76	0.16	-0.23	-0.02	-0.05	-0.19
2196	4	2264	24.30	-0.07	-23.16	-23.16	-0.07	0.16	0.48	-0.58	-0.10	1.08e-03	-0.53
		2265	27.43	-0.06	-26.34	-26.34	-0.06	0.14	0.37	-0.50	-0.13	2.13e-03	-0.43
		692	14.23	0.42	-11.82	-11.58	0.18	1.71	0.34	-0.60	-0.07	-0.19	-0.47
		691	14.41	0.55	-10.90	-10.54	0.18	2.01	0.49	-0.68	-0.05	-0.14	-0.58
2197	1	2265	15.72	-0.06	-15.27	-15.27	-0.06	0.01	0.13	-0.20	-0.06	5.90e-04	-0.16
		2266	16.65	-0.05	-16.23	-16.23	-0.05	0.09	0.08	-0.15	-0.07	8.23e-04	-0.11
		693	6.46	0.08	-6.07	-6.03	0.04	0.49	0.06	-0.19	-0.04	-0.09	-0.12
		692	6.53	0.10	-5.86	-5.80	0.05	0.57	0.12	-0.24	-0.04	-0.08	-0.18
2197	2	2265	67.02	-0.14	-64.10	-64.10	-0.14	0.35	0.97	-1.31	-0.34	4.08e-03	-1.13
		2266	72.57	-0.12	-69.78	-69.78	-0.12	0.20	0.65	-1.04	-0.40	5.72e-03	-0.82
		693	34.04	0.75	-30.18	-29.91	0.48	2.90	0.51	-1.30	-0.20	-0.59	-0.88
		692	34.93	0.94	-28.63	-28.17	0.48	3.66	0.93	-1.60	-0.17	-0.50	-1.25
2197	3	2265	12.26	-0.05	-11.89	-11.89	-0.05	0.02	0.12	-0.17	-0.05	5.38e-04	-0.14
		2266	13.08	-0.04	-12.73	-12.73	-0.04	0.07	0.08	-0.13	-0.06	7.49e-04	-0.10
		693	5.59	0.08	-5.22	-5.18	0.05	0.43	0.05	-0.16	-0.03	-0.08	-0.11



		692	5.63	0.11	-5.00	-4.94	0.05	0.53	0.11	-0.20	-0.03	-0.07	-0.16
2197	4	2265	27.45	-0.07	-26.36	-26.36	-0.07	0.11	0.37	-0.50	-0.13	1.57e-03	-0.43
		2266	29.65	-0.06	-28.60	-28.60	-0.06	0.10	0.24	-0.39	-0.15	2.20e-03	-0.31
		693	13.75	0.28	-12.36	-12.26	0.18	1.14	0.19	-0.49	-0.08	-0.23	-0.33
		692	14.03	0.36	-11.74	-11.56	0.18	1.45	0.35	-0.61	-0.07	-0.19	-0.47
2198	1	2266	16.66	-0.06	-16.24	-16.24	-0.06	-2.38e-03	0.08	-0.15	-0.07	6.59e-04	-0.11
		2267	17.25	-0.05	-16.84	-16.84	-0.05	0.07	0.03	-0.10	-0.07	7.52e-04	-0.06
		694	6.29	0.04	-6.12	-6.11	0.03	0.29	-5.84e-04	-0.13	-0.04	-0.09	-0.06
		693	6.38	0.06	-6.04	-6.02	0.04	0.34	0.06	-0.19	-0.04	-0.09	-0.12
2198	2	2266	72.58	-0.13	-69.81	-69.81	-0.13	0.24	0.63	-1.03	-0.40	4.86e-03	-0.80
		2267	75.82	-0.13	-73.14	-73.14	-0.13	0.09	0.29	-0.72	-0.43	5.77e-03	-0.45
		694	32.79	0.55	-30.84	-30.77	0.48	1.50	0.10	-0.96	-0.21	-0.65	-0.48
		693	33.65	0.65	-30.05	-29.89	0.48	2.26	0.53	-1.31	-0.19	-0.59	-0.90
2198	3	2266	13.09	-0.05	-12.74	-12.74	-0.05	5.30e-04	0.07	-0.13	-0.06	6.21e-04	-0.10
		2267	13.57	-0.04	-13.22	-13.22	-0.04	0.05	0.03	-0.09	-0.06	7.25e-04	-0.05
		694	5.48	0.05	-5.30	-5.29	0.04	0.22	2.57e-03	-0.12	-0.03	-0.08	-0.05
		693	5.54	0.07	-5.20	-5.18	0.05	0.32	0.06	-0.16	-0.03	-0.08	-0.11
2198	4	2266	29.66	-0.07	-28.61	-28.61	-0.07	0.07	0.24	-0.39	-0.15	1.86e-03	-0.30
		2267	30.92	-0.07	-29.91	-29.90	-0.07	0.06	0.11	-0.27	-0.17	2.21e-03	-0.17
		694	13.32	0.20	-12.62	-12.60	0.18	0.58	0.03	-0.36	-0.08	-0.25	-0.18
		693	13.60	0.24	-12.31	-12.25	0.18	0.88	0.20	-0.50	-0.08	-0.23	-0.34
2199	1	2267	17.25	-0.05	-16.84	-16.84	-0.05	-0.02	0.03	-0.10	-0.07	6.74e-04	-0.06
		2268	17.53	-0.05	-17.12	-17.12	-0.05	0.06	7.31e-04	-0.07	-0.07	7.06e-04	-1.35e-03
		695	6.16	0.02	-6.08	-6.07	0.02	0.11	-0.04	-0.09	-0.04	-0.09	1.16e-03
		694	6.25	0.03	-6.11	-6.10	0.03	0.14	2.62e-03	-0.14	-0.04	-0.09	-0.06
2199	2	2267	75.82	-0.13	-73.15	-73.15	-0.13	0.14	0.28	-0.70	-0.43	5.34e-03	-0.44
		2268	76.77	-0.13	-74.13	-74.13	-0.13	-9.12e-03	0.01	-0.46	-0.45	5.70e-03	-0.06
		695	31.97	0.47	-30.79	-30.79	0.47	0.10	-0.21	-0.68	-0.22	-0.67	-0.05
		694	32.58	0.50	-30.78	-30.76	0.48	0.85	0.11	-0.97	-0.21	-0.65	-0.50
2199	3	2267	13.58	-0.04	-13.23	-13.23	-0.04	-0.01	0.03	-0.09	-0.06	6.63e-04	-0.05
		2268	13.72	-0.04	-13.37	-13.37	-0.04	0.04	7.29e-04	-0.06	-0.06	7.02e-04	-1.31e-03
		695	5.38	0.04	-5.27	-5.27	0.04	0.02	-0.03	-0.09	-0.03	-0.09	4.05e-04
		694	5.45	0.05	-5.29	-5.29	0.04	0.11	4.82e-03	-0.12	-0.03	-0.08	-0.06
2199	4	2267	30.93	-0.07	-29.91	-29.91	-0.07	0.03	0.10	-0.27	-0.17	2.04e-03	-0.16
		2268	31.27	-0.07	-30.26	-30.26	-0.07	0.02	4.25e-03	-0.17	-0.17	2.18e-03	-0.02
		695	13.03	0.18	-12.60	-12.60	0.18	0.02	-0.08	-0.26	-0.09	-0.26	-0.02
		694	13.24	0.19	-12.60	-12.59	0.18	0.32	0.04	-0.37	-0.08	-0.25	-0.18
2200	1	2268	17.53	-0.05	-17.12	-17.12	-0.05	-0.03	6.93e-04	-0.07	-0.07	6.77e-04	1.09e-03
		2269	17.53	-0.05	-17.11	-17.11	-0.05	0.05	0.03	-0.10	-0.07	6.71e-04	0.05
		696	6.05	0.02	-5.94	-5.94	0.02	-0.06	6.60e-04	-0.13	-0.04	-0.09	0.06
		695	6.15	0.02	-6.07	-6.07	0.02	-0.04	-0.04	-0.09	-0.04	-0.09	-2.11e-03
2200	2	2268	76.77	-0.13	-74.13	-74.13	-0.13	0.04	0.01	-0.45	-0.45	5.60e-03	-0.05
		2269	75.47	-0.13	-72.80	-72.80	-0.13	-0.11	0.18	-0.62	-0.44	5.50e-03	0.33
		696	31.72	0.52	-30.01	-29.96	0.47	-1.28	6.19e-04	-0.88	-0.22	-0.66	0.38
		695	31.96	0.48	-30.80	-30.79	0.47	-0.55	-0.21	-0.68	-0.22	-0.67	-0.07
2200	3	2268	13.72	-0.04	-13.37	-13.37	-0.04	-0.03	6.90e-04	-0.06	-0.06	6.85e-04	5.53e-04
		2269	13.55	-0.04	-13.19	-13.19	-0.04	0.02	0.03	-0.09	-0.06	6.72e-04	0.05
		696	5.31	0.05	-5.14	-5.14	0.04	-0.17	2.96e-03	-0.12	-0.03	-0.08	0.06
		695	5.38	0.04	-5.27	-5.27	0.04	-0.09	-0.03	-0.09	-0.03	-0.09	-1.91e-03
2200	4	2268	31.27	-0.07	-30.26	-30.26	-0.07	-8.60e-03	3.19e-03	-0.17	-0.17	2.14e-03	-0.01
		2269	30.71	-0.07	-29.69	-29.69	-0.07	-0.02	0.07	-0.24	-0.17	2.10e-03	0.13
		696	12.92	0.20	-12.28	-12.25	0.17	-0.54	2.87e-03	-0.34	-0.08	-0.25	0.15
		695	13.03	0.18	-12.60	-12.60	0.18	-0.24	-0.08	-0.26	-0.09	-0.26	-0.02
2201	1	2269	17.52	-0.05	-17.11	-17.11	-0.05	-0.04	0.03	-0.10	-0.07	6.78e-04	0.06
		2270	17.26	-0.05	-16.81	-16.81	-0.05	0.03	0.08	-0.15	-0.07	6.40e-04	0.11
		697	6.00	0.02	-5.72	-5.71	0.02	-0.22	0.06	-0.19	-0.04	-0.09	0.12
		696	6.09	0.03	-5.95	-5.94	0.02	-0.21	-2.35e-03	-0.13	-0.04	-0.09	0.06
2201	2	2269	75.46	-0.12	-72.78	-72.78	-0.12	-0.06	0.20	-0.63	-0.44	5.68e-03	0.35
		2270	71.96	-0.13	-69.16	-69.16	-0.13	-0.21	0.54	-0.95	-0.42	5.14e-03	0.71
		697	32.06	0.70	-28.54	-28.30	0.46	-2.64	0.41	-1.23	-0.20	-0.62	0.79
		696	31.92	0.59	-30.09	-29.97	0.47	-1.93	-0.02	-0.86	-0.22	-0.66	0.36
2201	3	2269	13.54	-0.04	-13.19	-13.19	-0.04	-0.04	0.03	-0.09	-0.06	6.92e-04	0.05
		2270	13.05	-0.04	-12.68	-12.68	-0.04	8.65e-03	0.07	-0.13	-0.06	6.31e-04	0.10
		697	5.27	0.07	-4.91	-4.88	0.04	-0.37	0.06	-0.17	-0.03	-0.08	0.11
		696	5.34	0.06	-5.15	-5.14	0.04	-0.29	8.26e-04	-0.12	-0.03	-0.08	0.05
2201	4	2269	30.71	-0.06	-29.68	-29.68	-0.06	-0.05	0.08	-0.25	-0.17	2.17e-03	0.14
		2270	29.26	-0.07	-28.19	-28.19	-0.07	-0.06	0.21	-0.37	-0.16	1.96e-03	0.28
		697	13.00	0.27	-11.67	-11.57	0.17	-1.08	0.16	-0.48	-0.08	-0.24	0.31
		696	13.00	0.22	-12.31	-12.26	0.17	-0.79	-3.07e-03	-0.33	-0.08	-0.25	0.14
2202	1	2270	17.25	-0.05	-16.81	-16.81	-0.05	-0.06	0.08	-0.15	-0.07	6.86e-04	0.11
		2271	16.74	-0.05	-16.25	-16.25	-0.05	0.02	0.13	-0.20	-0.07	6.07e-04	0.16
		698	5.98	0.04	-5.43	-5.41	0.02	-0.37	0.12	-0.24	-0.04	-0.08	0.18
		697	6.06	0.04	-5.74	-5.72	0.02	-0.37	0.06	-0.19	-0.04	-0.09	0.12
2202	2	2270	71.94	-0.12	-69.12	-69.12	-0.12	-0.16	0.55	-0.96	-0.42	5.60e-03	0.73
		2271	66.28	-0.13	-63.27	-63.27	-0.13	-0.30	0.89	-1.26	-0.37	4.59e-03	1.06
		698	32.86	1.04	-26.38	-25.80	0.45	-3.97	0.82	-1.55	-0.18	-0.55	1.17
		697	32.45	0.82	-28.68	-28.31	0.45	-3.28	0.39	-1.22	-0.21	-0.62	0.78



2202	3	2270	13.04	-0.04	-12.68	-12.68	-0.04	-0.06	0.07	-0.13	-0.06	6.89e-04	0.10
		2271	12.25	-0.04	-11.85	-11.85	-0.04	-4.95e-03	0.12	-0.17	-0.05	5.74e-04	0.14
		698	5.27	0.11	-4.58	-4.51	0.04	-0.56	0.11	-0.21	-0.03	-0.07	0.16
		697	5.33	0.08	-4.93	-4.88	0.04	-0.48	0.05	-0.16	-0.03	-0.08	0.11
2202	4	2270	29.25	-0.06	-28.18	-28.18	-0.06	-0.09	0.21	-0.37	-0.16	2.14e-03	0.28
		2271	26.93	-0.07	-25.78	-25.78	-0.07	-0.10	0.34	-0.49	-0.14	1.75e-03	0.41
		698	13.24	0.41	-10.79	-10.55	0.17	-1.62	0.32	-0.60	-0.07	-0.21	0.45
		697	13.15	0.32	-11.73	-11.58	0.17	-1.34	0.15	-0.47	-0.08	-0.24	0.30
2203	1	2271	16.72	-0.05	-16.25	-16.25	-0.05	-0.07	0.13	-0.20	-0.07	7.11e-04	0.16
		2272	15.96	-0.05	-15.43	-15.43	-0.05	0.01	0.18	-0.24	-0.07	5.59e-04	0.21
		699	6.01	0.07	-5.07	-5.01	0.02	-0.53	0.17	-0.29	-0.04	-0.08	0.23
		698	6.08	0.06	-5.46	-5.41	0.01	-0.52	0.11	-0.24	-0.04	-0.08	0.17
2203	2	2271	66.27	-0.12	-63.22	-63.22	-0.12	-0.25	0.91	-1.27	-0.37	5.37e-03	1.07
		2272	58.52	-0.13	-55.19	-55.18	-0.13	-0.39	1.21	-1.51	-0.31	3.83e-03	1.35
		699	33.89	1.59	-23.62	-22.47	0.44	-5.27	1.20	-1.80	-0.15	-0.44	1.49
		698	33.41	1.23	-26.61	-25.82	0.44	-4.62	0.80	-1.54	-0.19	-0.55	1.15
2203	3	2271	12.23	-0.04	-11.85	-11.85	-0.04	-0.07	0.12	-0.17	-0.05	6.81e-04	0.14
		2272	11.13	-0.04	-10.71	-10.71	-0.04	-0.02	0.16	-0.21	-0.05	4.94e-04	0.18
		699	5.29	0.18	-4.16	-4.02	0.04	-0.75	0.16	-0.24	-0.03	-0.06	0.20
		698	5.36	0.13	-4.61	-4.52	0.04	-0.67	0.11	-0.21	-0.03	-0.07	0.15
2203	4	2271	26.91	-0.06	-25.76	-25.76	-0.06	-0.13	0.35	-0.49	-0.14	2.06e-03	0.41
		2272	23.74	-0.07	-22.49	-22.49	-0.07	-0.14	0.46	-0.58	-0.12	1.46e-03	0.52
		699	13.56	0.64	-9.67	-9.20	0.17	-2.15	0.46	-0.69	-0.06	-0.17	0.57
		698	13.46	0.48	-10.88	-10.56	0.16	-1.88	0.31	-0.59	-0.07	-0.21	0.45
2204	1	2272	15.93	-0.05	-15.43	-15.43	-0.05	-0.08	0.18	-0.25	-0.07	7.72e-04	0.21
		2273	14.90	-0.05	-14.33	-14.33	-0.05	-1.94e-03	0.22	-0.28	-0.06	4.46e-04	0.25
		700	6.07	0.13	-4.62	-4.52	0.03	-0.70	0.22	-0.33	-0.04	-0.06	0.28
		699	6.14	0.11	-5.11	-5.02	0.02	-0.68	0.17	-0.29	-0.04	-0.08	0.23
2204	2	2272	58.50	-0.11	-55.12	-55.12	-0.11	-0.34	1.23	-1.53	-0.30	5.01e-03	1.37
		2273	48.78	-0.13	-44.98	-44.98	-0.13	-0.48	1.47	-1.68	-0.22	2.79e-03	1.57
		700	34.91	2.47	-20.38	-18.33	0.42	-6.53	1.53	-1.95	-0.11	-0.30	1.74
		699	34.58	1.86	-23.94	-22.51	0.42	-5.91	1.18	-1.78	-0.16	-0.44	1.48
2204	3	2272	11.10	-0.04	-10.70	-10.70	-0.04	-0.08	0.16	-0.21	-0.05	6.78e-04	0.18
		2273	9.68	-0.05	-9.24	-9.24	-0.05	-0.03	0.19	-0.23	-0.04	3.69e-04	0.21
		700	5.33	0.29	-3.65	-3.41	0.05	-0.95	0.20	-0.27	-0.02	-0.04	0.23
		699	5.40	0.21	-4.20	-4.03	0.04	-0.86	0.15	-0.24	-0.03	-0.06	0.20
2204	4	2272	23.71	-0.06	-22.46	-22.46	-0.06	-0.16	0.47	-0.59	-0.12	1.93e-03	0.53
		2273	19.72	-0.07	-18.32	-18.32	-0.07	-0.17	0.56	-0.65	-0.09	1.06e-03	0.60
		700	13.89	1.00	-8.34	-7.50	0.16	-2.67	0.59	-0.75	-0.04	-0.11	0.67
		699	13.83	0.74	-9.79	-9.21	0.16	-2.41	0.45	-0.69	-0.06	-0.17	0.57
2205	1	2273	14.87	-0.05	-14.32	-14.32	-0.05	-0.09	0.22	-0.28	-0.06	8.82e-04	0.25
		2274	13.54	-0.06	-12.92	-12.92	-0.06	-0.02	0.26	-0.31	-0.06	9.75e-05	0.28
		701	6.16	0.24	-4.10	-3.90	0.04	-0.90	0.27	-0.35	-0.04	-0.05	0.31
		700	6.22	0.18	-4.68	-4.53	0.02	-0.85	0.22	-0.32	-0.04	-0.06	0.27
2205	2	2273	48.76	-0.10	-44.90	-44.90	-0.11	-0.43	1.49	-1.70	-0.21	4.46e-03	1.59
		2274	37.29	-0.12	-32.74	-32.73	-0.13	-0.56	1.64	-1.76	-0.12	1.31e-03	1.70
		701	35.68	3.88	-16.85	-13.38	0.41	-7.73	1.79	-1.98	-0.06	-0.13	1.88
		700	35.68	2.83	-20.80	-18.37	0.40	-7.18	1.51	-1.93	-0.12	-0.31	1.72
2205	3	2273	9.65	-0.04	-9.23	-9.23	-0.04	-0.10	0.20	-0.23	-0.04	6.80e-04	0.21
		2274	7.91	-0.05	-7.43	-7.43	-0.05	-0.05	0.22	-0.24	-0.03	1.24e-04	0.23
		701	5.37	0.48	-3.09	-2.66	0.05	-1.16	0.24	-0.28	-0.02	-0.02	0.26
		700	5.45	0.34	-3.71	-3.42	0.04	-1.06	0.20	-0.27	-0.02	-0.04	0.23
2205	4	2273	19.69	-0.06	-18.29	-18.29	-0.06	-0.20	0.57	-0.65	-0.08	1.74e-03	0.61
		2274	14.96	-0.07	-13.30	-13.29	-0.07	-0.21	0.63	-0.67	-0.04	4.82e-04	0.65
		701	14.15	1.60	-6.90	-5.47	0.16	-3.18	0.69	-0.76	-0.02	-0.05	0.72
		700	14.20	1.15	-8.51	-7.52	0.15	-2.93	0.58	-0.74	-0.05	-0.12	0.66
2206	1	2274	13.50	-0.05	-12.92	-12.92	-0.05	-0.10	0.26	-0.31	-0.05	8.91e-04	0.29
		2275	11.84	-0.06	-11.15	-11.15	-0.06	-0.03	0.28	-0.33	-0.05	8.55e-04	0.31
		702	6.30	0.44	-3.50	-3.13	0.07	-1.15	0.31	-0.37	-0.03	-0.03	0.34
		701	6.32	0.30	-4.18	-3.91	0.04	-1.05	0.26	-0.35	-0.04	-0.05	0.31
2206	2	2274	37.28	-0.09	-32.64	-32.63	-0.10	-0.51	1.67	-1.77	-0.10	3.16e-03	1.72
		2275	26.44	-0.11	-18.55	-18.53	-0.13	-0.64	1.71	-1.71	5.20e-03	-1.02e-03	1.71
		702	36.03	6.12	-13.38	-7.65	0.39	-8.88	1.95	-1.87	3.89e-03	0.07	1.91
		701	36.49	4.34	-17.40	-13.43	0.38	-8.39	1.75	-1.97	-0.08	-0.13	1.86
2206	3	2274	7.87	-0.04	-7.42	-7.42	-0.04	-0.11	0.22	-0.25	-0.02	5.89e-04	0.23
		2275	5.81	-0.05	-5.25	-5.25	-0.05	-0.06	0.23	-0.24	-0.01	-4.18e-04	0.24
		702	5.44	0.82	-2.51	-1.75	0.06	-1.39	0.26	-0.27	-9.41e-03	1.06e-03	0.26
		701	5.50	0.55	-3.17	-2.67	0.05	-1.27	0.23	-0.27	-0.02	-0.02	0.25
2206	4	2274	14.92	-0.05	-13.26	-13.26	-0.06	-0.23	0.64	-0.68	-0.04	1.26e-03	0.66
		2275	10.35	-0.06	-7.45	-7.44	-0.07	-0.24	0.65	-0.65	1.90e-03	-4.67e-04	0.65
		702	14.30	2.56	-5.49	-3.09	0.16	-3.68	0.75	-0.71	1.55e-03	0.03	0.73
		701	14.48	1.78	-7.12	-5.49	0.15	-3.45	0.67	-0.75	-0.03	-0.05	0.71
2207	1	2275	11.78	-0.06	-11.15	-11.15	-0.06	-0.11	0.29	-0.33	-0.04	-1.17e-04	0.31
		2276	9.76	-0.07	-8.91	-8.91	-0.07	-0.05	0.30	-0.35	-0.05	-2.22e-03	0.32
		703	6.62	0.87	-2.88	-2.14	0.12	-1.50	0.33	-0.38	-0.03	-0.02	0.35
		702	6.44	0.52	-3.60	-3.14	0.06	-1.31	0.29	-0.37	-0.04	-0.03	0.33
2207	2	2275	26.58	-0.07	-18.43	-18.41	-0.09	-0.58	1.75	-1.72	0.03	-1.13e-03	1.73



		2276	18.22	0.06	-2.70	-2.51	-0.13	-0.71	1.67	-1.55	0.12	-3.55e-03	1.61
		703	35.93	9.54	-10.37	-1.18	0.36	-9.92	1.98	-1.62	0.08	0.28	1.80
		702	36.82	6.69	-14.06	-7.71	0.34	-9.56	1.90	-1.86	-0.03	0.07	1.88
2207	3	2275	5.84	-0.04	-5.25	-5.24	-0.04	-0.12	0.24	-0.25	-9.11e-03	-8.75e-05	0.24
		2276	3.64	-0.05	-2.67	-2.67	-0.05	-0.08	0.23	-0.24	-6.41e-03	-1.24e-03	0.23
		703	5.60	1.41	-2.00	-0.68	0.09	-1.67	0.27	-0.25	-4.01e-04	0.02	0.26
		702	5.57	0.91	-2.62	-1.76	0.06	-1.51	0.25	-0.27	-0.02	4.04e-04	0.26
2207	4	2275	10.46	-0.04	-7.41	-7.40	-0.05	-0.26	0.67	-0.66	0.01	-3.87e-04	0.66
		2276	6.91	0.02	-0.87	-0.77	-0.07	-0.28	0.63	-0.59	0.04	-1.63e-03	0.61
		703	14.35	4.05	-4.29	-0.39	0.16	-4.16	0.76	-0.62	0.03	0.11	0.69
		702	14.61	2.79	-5.77	-3.12	0.14	-3.96	0.72	-0.71	-0.01	0.03	0.72
2208	1	2276	9.68	-0.06	-8.93	-8.92	-0.07	-0.13	0.31	-0.35	-0.04	-4.19e-03	0.33
		2277	7.26	-0.08	-5.93	-5.93	-0.09	-0.11	0.31	-0.39	-0.08	2.76e-03	0.35
		704	7.52	1.77	-2.42	-0.89	0.23	-2.02	0.33	-0.42	-0.03	-0.06	0.38
		703	6.71	0.99	-3.03	-2.14	0.10	-1.67	0.30	-0.38	-0.05	-0.02	0.34
2208	2	2276	18.44	0.10	-2.52	-2.35	-0.07	-0.65	1.72	-1.56	0.17	-0.01	1.64
		2277	21.19	15.10	-0.16	15.06	-0.12	-0.77	1.50	-1.31	0.18	-5.88e-04	1.40
		704	35.53	14.19	-7.97	5.97	0.26	-10.71	1.88	-1.29	0.16	0.43	1.58
		703	36.67	10.20	-11.19	-1.25	0.26	-10.67	1.89	-1.62	-9.99e-03	0.28	1.75
2208	3	2276	3.80	-0.04	-2.67	-2.66	-0.05	-0.14	0.24	-0.23	5.00e-03	-1.95e-03	0.24
		2277	2.54	0.45	-0.08	0.42	-0.06	-0.11	0.21	-0.23	-0.01	-3.27e-04	0.22
		704	6.02	2.37	-1.65	0.60	0.13	-1.99	0.26	-0.23	9.32e-03	0.02	0.24
		703	5.71	1.53	-2.14	-0.68	0.07	-1.80	0.25	-0.25	-0.02	0.02	0.25
2208	4	2276	7.07	0.06	-0.82	-0.71	-0.05	-0.29	0.66	-0.59	0.07	-3.68e-03	0.62
		2277	8.72	6.66	-0.08	6.64	-0.07	-0.31	0.57	-0.50	0.07	-1.32e-03	0.53
		704	14.41	6.12	-3.35	2.63	0.13	-4.57	0.72	-0.48	0.07	0.17	0.60
		703	14.65	4.32	-4.62	-0.42	0.12	-4.46	0.72	-0.62	-7.63e-03	0.11	0.66
2209	1	2277	7.19	-0.09	-5.96	-5.96	-0.09	-0.16	0.34	-0.39	-0.06	1.34e-03	0.36
		2278	4.37	-0.03	-1.72	-1.68	-0.07	-0.25	0.34	-0.39	-0.07	0.02	0.36
		705	9.25	3.16	-2.32	0.53	0.31	-2.73	0.41	-0.46	9.33e-03	-0.06	0.43
		704	7.73	2.00	-2.65	-0.88	0.22	-2.26	0.27	-0.46	-0.11	-0.08	0.36
2209	2	2277	21.99	15.30	-0.13	15.28	-0.11	-0.65	1.61	-1.29	0.30	0.02	1.44
		2278	36.60	33.55	0.04	33.53	0.07	-0.87	1.22	-0.91	0.31	3.58e-03	1.05
		705	34.68	19.64	-6.03	13.69	-0.08	-10.83	1.79	-0.73	0.39	0.67	1.25
		704	36.69	15.04	-8.95	5.93	0.15	-11.64	1.65	-1.41	-0.12	0.36	1.51
2209	3	2277	2.66	0.48	-0.10	0.44	-0.06	-0.15	0.24	-0.22	0.01	4.28e-03	0.23
		2278	4.86	4.19	-0.04	4.18	-0.03	-0.18	0.20	-0.20	-6.71e-03	1.78e-03	0.20
		705	6.70	3.59	-1.45	2.03	0.10	-2.33	0.28	-0.19	0.05	0.04	0.23
		704	6.22	2.55	-1.83	0.60	0.11	-2.18	0.21	-0.26	-0.05	5.03e-03	0.23
2209	4	2277	9.07	6.74	-0.08	6.73	-0.07	-0.30	0.61	-0.48	0.12	9.10e-03	0.55
		2278	15.67	14.62	1.50e-03	14.61	0.01	-0.36	0.46	-0.36	0.11	-3.55e-03	0.40
		705	14.39	8.54	-2.62	5.93	-0.01	-4.73	0.69	-0.27	0.16	0.25	0.48
		704	14.89	6.47	-3.76	2.62	0.09	-4.96	0.62	-0.54	-0.06	0.14	0.57
2210	1	2278	4.31	-0.07	-1.34	-1.09	-0.32	-0.51	0.41	-0.21	0.08	0.13	0.31
		2250	5.77	3.24	0.52	3.23	0.52	0.09	0.38	-0.32	0.23	-0.17	0.29
		94	8.82	3.24	-3.82	2.53	-3.12	-2.12	0.74	0.26	0.45	0.55	0.24
		705	11.03	4.19	-2.76	0.14	1.29	-3.42	0.28	-0.68	-0.27	-0.13	0.47
2210	2	2278	39.88	35.64	-1.02	35.58	-0.96	-1.52	1.56	-0.16	0.83	0.57	0.85
		2250	58.58	48.73	2.17	48.72	2.18	0.70	1.50	-0.68	1.48	-0.66	0.24
		94	38.26	24.62	-13.19	23.51	-12.08	-6.37	2.92	2.05	2.06	2.91	0.05
		705	40.31	21.76	-5.68	12.21	3.86	-13.07	1.12	-1.82	-0.81	0.12	1.39
2210	3	2278	5.17	4.69	-0.29	4.66	-0.25	-0.40	0.26	-0.05	0.10	0.11	0.16
		2250	9.36	7.83	0.45	7.83	0.46	0.14	0.24	-0.16	0.21	-0.13	0.11
		94	7.16	4.33	-3.04	3.98	-2.69	-1.57	0.48	0.35	0.39	0.44	0.06
		705	8.02	4.20	-1.52	1.70	0.97	-2.84	0.13	-0.41	-0.21	-0.07	0.26
2210	4	2278	17.14	15.55	-0.47	15.52	-0.44	-0.70	0.61	-0.04	0.33	0.24	0.32
		2250	25.19	21.31	0.94	21.31	0.95	0.32	0.59	-0.28	0.58	-0.27	0.09
		94	16.13	10.70	-5.84	10.20	-5.35	-2.83	1.14	0.86	0.86	1.14	3.93e-03
		705	16.82	9.47	-2.46	5.28	1.73	-5.69	0.38	-0.74	-0.37	4.98e-03	0.53
2211	1	2250	5.18	3.34	0.48	3.30	0.52	-0.33	0.39	-0.26	0.21	-0.09	0.29
		2312	3.08	1.46	-0.36	1.39	-0.29	0.36	0.29	-0.04	0.13	0.12	0.17
		1359	6.55	2.94	-2.29	-0.33	0.98	2.53	0.08	-0.33	-0.23	-0.02	0.17
		94	7.41	2.69	-3.24	2.51	-3.05	1.02	0.71	0.03	0.37	0.38	0.34
2211	2	2250	57.93	48.59	2.15	48.58	2.16	-0.54	1.47	-0.63	1.43	-0.59	0.28
		2312	39.42	36.31	-1.07	36.24	-1.01	1.53	1.01	0.29	0.72	0.58	-0.35
		1359	33.52	21.96	-3.47	14.17	4.32	11.72	0.38	-1.39	-0.90	-0.10	-0.79
		94	36.29	24.41	-12.89	23.54	-12.01	5.65	2.92	1.89	2.03	2.77	0.36
2211	3	2250	9.16	7.85	0.45	7.84	0.45	-0.20	0.24	-0.13	0.20	-0.10	0.11
		2312	6.03	5.52	-0.27	5.50	-0.25	0.35	0.13	0.08	0.11	0.11	0.03
		1359	5.08	3.79	-1.13	1.74	0.92	2.43	-0.05	-0.20	-0.20	-0.05	-0.02
		94	7.25	4.17	-2.86	3.98	-2.66	1.15	0.52	0.22	0.36	0.38	0.15
2211	4	2250	24.94	21.26	0.94	21.26	0.94	-0.27	0.58	-0.26	0.57	-0.25	0.10
		2312	17.06	15.85	-0.49	15.82	-0.46	0.70	0.40	0.13	0.29	0.24	-0.13
		1359	14.22	9.53	-1.58	6.04	1.91	5.15	0.10	-0.58	-0.40	-0.08	-0.30
		94	15.92	10.61	-5.72	10.21	-5.32	2.52	1.17	0.78	0.85	1.09	0.15
2212	1	2312	2.08	0.89	-0.03	0.88	-0.02	0.09	0.15	-0.14	0.05	-0.04	0.14
		2313	2.96	-0.06	-2.40	-2.39	-0.07	0.17	0.14	-0.02	0.10	0.01	0.06



		1360	4.73	1.51	-2.86	-1.42	0.07	2.06	0.17	-0.04	-0.02	0.15	0.06
		1359	5.35	2.01	-2.01	0.05	-0.06	2.01	0.33	-0.03	0.10	0.21	0.17
2212	2	2312	35.76	34.20	-6.96e-03	34.18	0.02	0.87	0.63	-0.44	0.22	-0.02	-0.52
		2313	21.46	18.68	-0.16	18.67	-0.15	0.48	0.97	-0.69	0.23	0.04	-0.83
		1360	27.30	15.38	-5.47	9.48	0.43	9.39	0.88	-0.85	-0.17	0.20	-0.84
		1359	27.85	20.08	-4.13	15.61	0.34	9.40	1.16	-0.22	0.38	0.56	-0.69
2212	3	2312	5.23	5.04	-0.02	5.04	-0.02	0.13	0.02	-0.02	0.02	-0.02	-4.09e-03
		2313	2.23	1.88	-0.07	1.87	-0.06	0.14	0.09	-0.02	0.06	0.01	-0.05
		1360	3.96	2.36	-1.50	0.77	0.09	1.90	0.08	-0.05	-0.03	0.06	-0.05
		1359	4.03	3.26	-1.16	2.07	0.03	1.97	0.11	0.07	0.08	0.11	-6.26e-03
2212	4	2312	15.44	14.92	-0.02	14.91	-8.56e-03	0.36	0.23	-0.18	0.07	-0.01	-0.20
		2313	9.12	8.12	-0.09	8.11	-0.08	0.23	0.37	-0.26	0.09	0.02	-0.31
		1360	11.31	6.59	-2.40	4.00	0.20	4.07	0.33	-0.32	-0.08	0.08	-0.32
		1359	11.76	8.70	-1.87	6.68	0.15	4.15	0.45	-0.08	0.16	0.21	-0.26
2213	1	2313	2.86	-0.07	-2.47	-2.46	-0.08	0.11	0.10	-0.04	0.06	-7.33e-03	0.06
		2314	5.75	-0.06	-5.43	-5.43	-0.07	0.18	0.06	-4.79e-03	0.06	2.99e-03	-0.02
		1361	3.70	0.91	-3.07	-2.29	0.12	1.58	0.10	-9.70e-03	-1.25e-03	0.09	-0.03
		1360	4.10	1.33	-2.63	-1.39	0.09	1.83	0.18	0.03	0.04	0.17	0.04
2213	2	2313	20.59	18.62	-0.16	18.60	-0.14	0.61	0.84	-0.74	0.11	-6.19e-03	-0.79
		2314	11.66	5.25	-0.12	5.21	-0.08	0.44	1.02	-0.91	0.12	-3.46e-03	-0.96
		1361	25.02	10.31	-6.33	3.70	0.28	8.14	1.09	-0.95	-0.04	0.18	-1.01
		1360	25.92	14.54	-4.60	9.47	0.46	8.44	1.14	-0.70	0.13	0.31	-0.92
2213	3	2313	2.05	1.84	-0.06	1.84	-0.06	0.10	0.06	-0.04	0.02	-3.83e-03	-0.05
		2314	1.52	-0.03	-0.87	-0.85	-0.05	0.13	0.10	-0.07	0.03	7.56e-04	-0.09
		1361	3.63	1.45	-1.63	-0.26	0.08	1.53	0.12	-0.08	-7.39e-03	0.05	-0.09
		1360	3.74	2.19	-1.31	0.78	0.10	1.72	0.12	-0.01	0.03	0.08	-0.06
2213	4	2313	8.77	8.09	-0.08	8.08	-0.08	0.25	0.32	-0.28	0.04	-3.49e-03	-0.30
		2314	4.64	2.32	-0.07	2.30	-0.05	0.21	0.39	-0.34	0.05	-1.16e-03	-0.37
		1361	10.18	4.36	-2.72	1.51	0.13	3.48	0.41	-0.36	-0.02	0.07	-0.38
		1360	10.73	6.24	-2.03	4.00	0.21	3.68	0.44	-0.26	0.06	0.12	-0.35
2214	1	2314	5.70	-0.08	-5.47	-5.47	-0.08	0.10	0.05	-5.34e-03	0.04	4.25e-04	-0.02
		2315	7.98	-0.06	-7.77	-7.77	-0.07	0.16	0.08	-0.05	0.03	3.67e-04	-0.07
		1362	3.75	0.49	-3.05	-2.69	0.12	1.08	0.11	-0.05	4.32e-03	0.05	-0.08
		1361	3.55	0.79	-2.90	-2.26	0.15	1.39	0.11	2.58e-03	0.02	0.10	-0.04
2214	2	2314	11.61	5.20	-0.18	5.15	-0.13	0.51	0.96	-0.90	0.07	-3.79e-03	-0.93
		2315	13.03	-0.07	-6.52	-6.50	-0.09	0.39	1.03	-1.02	0.01	2.05e-04	-1.02
		1362	23.71	6.59	-7.68	-1.40	0.31	7.08	1.10	-1.10	-0.04	0.03	-1.10
		1361	24.22	9.65	-5.55	3.73	0.37	7.42	1.19	-0.94	0.06	0.19	-1.06
2214	3	2314	1.38	-0.05	-0.88	-0.87	-0.06	0.08	0.09	-0.07	0.02	-4.65e-04	-0.08
		2315	3.37	-0.04	-3.06	-3.05	-0.05	0.12	0.11	-0.10	0.01	1.77e-04	-0.11
		1362	3.45	0.85	-1.80	-1.03	0.07	1.20	0.13	-0.11	-4.44e-03	0.02	-0.12
		1361	3.49	1.33	-1.48	-0.25	0.10	1.40	0.13	-0.07	0.01	0.05	-0.10
2214	4	2314	4.56	2.29	-0.09	2.28	-0.07	0.20	0.37	-0.34	0.02	-1.71e-03	-0.35
		2315	5.14	-0.04	-2.69	-2.68	-0.05	0.19	0.39	-0.39	4.88e-03	1.30e-04	-0.39
		1362	9.55	2.75	-3.27	-0.64	0.13	2.98	0.42	-0.42	-0.02	0.02	-0.42
		1361	9.85	4.10	-2.41	1.53	0.16	3.18	0.46	-0.36	0.02	0.08	-0.41
2215	1	2315	7.94	-0.07	-7.78	-7.78	-0.08	0.07	0.08	-0.05	0.03	4.98e-04	-0.06
		2316	9.53	-0.06	-9.37	-9.37	-0.06	0.13	0.10	-0.08	0.02	2.66e-04	-0.09
		1363	3.54	0.23	-2.89	-2.74	0.09	0.66	0.11	-0.08	0.01	0.02	-0.10
		1362	3.60	0.40	-2.93	-2.66	0.13	0.91	0.11	-0.05	0.01	0.05	-0.08
2215	2	2315	12.87	-0.09	-6.60	-6.57	-0.12	0.44	0.99	-1.01	-0.01	-8.24e-04	-1.00
		2316	19.66	-0.09	-16.57	-16.56	-0.10	0.33	0.96	-1.04	-0.09	2.77e-03	-1.00
		1363	22.42	4.04	-9.44	-5.73	0.33	6.02	0.99	-1.17	-0.07	-0.11	-1.08
		1362	22.89	5.96	-6.97	-1.36	0.35	6.41	1.15	-1.11	-3.71e-03	0.04	-1.13
2215	3	2315	3.29	-0.05	-3.07	-3.06	-0.05	0.06	0.11	-0.10	6.03e-03	1.05e-05	-0.10
		2316	4.93	-0.04	-4.78	-4.78	-0.05	0.10	0.11	-0.11	-2.11e-03	3.79e-04	-0.11
		1363	3.29	0.48	-2.00	-1.58	0.06	0.92	0.12	-0.13	-4.67e-03	-4.22e-03	-0.12
		1362	3.31	0.75	-1.68	-1.01	0.08	1.08	0.13	-0.11	3.14e-03	0.02	-0.12
2215	4	2315	5.01	-0.06	-2.71	-2.70	-0.07	0.16	0.38	-0.39	-5.68e-03	-3.81e-04	-0.38
		2316	8.00	-0.05	-6.91	-6.91	-0.06	0.16	0.37	-0.40	-0.03	1.12e-03	-0.38
		1363	9.01	1.66	-3.99	-2.46	0.13	2.51	0.38	-0.45	-0.03	-0.04	-0.41
		1362	9.22	2.50	-2.98	-0.63	0.15	2.71	0.44	-0.43	-1.54e-03	0.02	-0.43
2216	1	2316	9.50	-0.07	-9.37	-9.37	-0.07	0.05	0.09	-0.08	0.02	2.46e-04	-0.08
		2317	10.52	-0.05	-10.38	-10.38	-0.06	0.11	0.10	-0.08	0.02	3.77e-04	-0.09
		1364	3.19	0.09	-2.62	-2.57	0.04	0.36	0.11	-0.10	0.02	-7.70e-03	-0.10
		1363	3.40	0.18	-2.81	-2.72	0.09	0.50	0.12	-0.09	0.01	0.02	-0.10
2216	2	2316	19.63	-0.11	-16.63	-16.62	-0.12	0.38	0.93	-1.03	-0.10	1.12e-03	-0.98
		2317	27.35	-0.10	-24.92	-24.91	-0.10	0.27	0.82	-0.98	-0.17	3.55e-03	-0.90
		1364	20.96	2.42	-11.36	-9.29	0.35	4.92	0.80	-1.14	-0.10	-0.24	-0.97
		1363	21.58	3.49	-8.83	-5.70	0.36	5.36	1.02	-1.18	-0.05	-0.11	-1.10
2216	3	2316	4.91	-0.05	-4.79	-4.78	-0.05	0.04	0.11	-0.11	-4.20e-03	1.61e-04	-0.11
		2317	6.20	-0.04	-6.09	-6.09	-0.04	0.09	0.10	-0.11	-0.01	4.62e-04	-0.11
		1364	3.13	0.26	-2.17	-1.96	0.05	0.69	0.10	-0.13	-4.94e-03	-0.02	-0.11
		1363	3.15	0.40	-1.90	-1.57	0.06	0.81	0.12	-0.13	-1.26e-03	-3.53e-03	-0.13
2216	4	2316	8.02	-0.06	-6.94	-6.93	-0.07	0.14	0.36	-0.40	-0.04	4.19e-04	-0.38
		2317	11.27	-0.06	-10.39	-10.39	-0.06	0.13	0.31	-0.38	-0.07	1.40e-03	-0.34
		1364	8.45	0.98	-4.79	-3.95	0.14	2.04	0.31	-0.44	-0.04	-0.09	-0.37



		1363	8.67	1.44	-3.75	-2.45	0.14	2.25	0.39	-0.45	-0.02	-0.04	-0.42
2217	1	2317	10.49	-0.06	-10.38	-10.38	-0.06	0.02	0.10	-0.08	0.02	1.86e-04	-0.09
		2318	11.10	-0.05	-10.97	-10.97	-0.05	0.09	0.09	-0.07	0.02	4.05e-04	-0.08
		1365	2.82	0.02	-2.31	-2.30	3.00e-03	0.19	0.09	-0.09	0.02	-0.03	-0.09
		1364	3.08	0.06	-2.57	-2.55	0.05	0.21	0.11	-0.10	0.02	-7.20e-03	-0.10
2217	2	2317	27.34	-0.12	-24.97	-24.97	-0.12	0.31	0.80	-0.97	-0.17	2.26e-03	-0.88
		2318	33.60	-0.11	-31.49	-31.49	-0.11	0.20	0.63	-0.85	-0.23	3.83e-03	-0.73
		1365	19.42	1.44	-13.13	-12.07	0.37	3.80	0.56	-1.02	-0.12	-0.33	-0.78
		1364	20.16	1.99	-10.89	-9.26	0.37	4.28	0.83	-1.15	-0.09	-0.23	-0.99
2217	3	2317	6.23	-0.05	-6.09	-6.09	-0.05	0.02	0.10	-0.11	-0.01	2.57e-04	-0.10
		2318	7.16	-0.04	-7.04	-7.04	-0.04	0.07	0.08	-0.10	-0.02	4.80e-04	-0.09
		1365	2.96	0.14	-2.31	-2.20	0.03	0.50	0.08	-0.12	-4.87e-03	-0.04	-0.10
		1364	3.00	0.20	-2.10	-1.95	0.05	0.58	0.10	-0.13	-3.29e-03	-0.02	-0.12
2217	4	2317	11.29	-0.06	-10.41	-10.41	-0.06	0.11	0.31	-0.37	-0.07	8.71e-04	-0.34
		2318	13.90	-0.06	-13.12	-13.12	-0.06	0.10	0.24	-0.33	-0.09	1.50e-03	-0.28
		1365	7.90	0.57	-5.53	-5.10	0.14	1.57	0.22	-0.39	-0.05	-0.13	-0.30
		1364	8.13	0.81	-4.60	-3.93	0.14	1.78	0.32	-0.44	-0.04	-0.09	-0.38
2218	1	2318	11.07	-0.05	-10.97	-10.97	-0.05	1.04e-03	0.09	-0.07	0.02	2.23e-04	-0.08
		2319	11.42	-0.04	-11.31	-11.31	-0.04	0.08	0.07	-0.05	0.02	4.02e-04	-0.06
		1366	2.51	-0.02	-2.05	-2.04	-0.03	0.13	0.07	-0.08	0.03	-0.04	-0.07
		1365	2.72	5.39e-03	-2.28	-2.28	4.69e-03	0.04	0.10	-0.10	0.03	-0.03	-0.09
2218	2	2318	33.60	-0.12	-31.53	-31.53	-0.12	0.24	0.61	-0.84	-0.23	2.99e-03	-0.71
		2319	38.15	-0.11	-36.23	-36.22	-0.11	0.13	0.40	-0.67	-0.27	3.98e-03	-0.52
		1366	18.01	0.85	-14.52	-14.05	0.38	2.65	0.29	-0.83	-0.14	-0.40	-0.55
		1365	18.74	1.13	-12.80	-12.04	0.38	3.15	0.59	-1.03	-0.12	-0.33	-0.80
2218	3	2318	7.18	-0.04	-7.04	-7.04	-0.04	7.00e-03	0.08	-0.09	-0.02	3.35e-04	-0.09
		2319	7.82	-0.04	-7.70	-7.70	-0.04	0.06	0.05	-0.07	-0.02	4.84e-04	-0.06
		1366	2.81	0.07	-2.40	-2.36	0.02	0.34	0.05	-0.10	-4.69e-03	-0.05	-0.07
		1365	2.86	0.10	-2.26	-2.19	0.03	0.39	0.08	-0.12	-4.03e-03	-0.04	-0.10
2218	4	2318	13.92	-0.06	-13.14	-13.14	-0.06	0.08	0.23	-0.32	-0.09	1.16e-03	-0.27
		2319	15.80	-0.06	-15.08	-15.08	-0.06	0.07	0.15	-0.26	-0.11	1.54e-03	-0.20
		1366	7.40	0.33	-6.10	-5.91	0.14	1.09	0.11	-0.32	-0.05	-0.15	-0.21
		1365	7.63	0.45	-5.40	-5.09	0.15	1.31	0.22	-0.40	-0.05	-0.13	-0.31
2219	1	2319	11.40	-0.04	-11.31	-11.31	-0.04	-0.02	0.07	-0.05	0.02	2.91e-04	-0.06
		2320	11.61	-0.04	-11.52	-11.52	-0.04	0.06	0.05	-0.03	0.02	4.09e-04	-0.04
		1367	2.33	-0.04	-1.92	-1.91	-0.05	0.14	0.05	-0.06	0.03	-0.05	-0.04
		1366	2.43	-0.03	-2.03	-2.03	-0.03	-0.02	0.08	-0.08	0.03	-0.04	-0.07
2219	2	2319	38.15	-0.12	-36.25	-36.25	-0.12	0.17	0.38	-0.65	-0.27	3.48e-03	-0.50
		2320	40.90	-0.11	-39.08	-39.08	-0.11	0.05	0.16	-0.45	-0.30	4.04e-03	-0.27
		1367	16.96	0.53	-15.37	-15.23	0.39	1.49	0.02	-0.60	-0.15	-0.44	-0.28
		1366	17.50	0.66	-14.31	-14.03	0.39	2.01	0.31	-0.85	-0.14	-0.40	-0.57
2219	3	2319	7.83	-0.04	-7.70	-7.70	-0.04	-7.09e-03	0.05	-0.07	-0.02	3.99e-04	-0.06
		2320	8.21	-0.04	-8.09	-8.09	-0.04	0.05	0.03	-0.05	-0.02	4.87e-04	-0.03
		1367	2.71	0.03	-2.47	-2.45	0.02	0.21	0.01	-0.07	-4.68e-03	-0.05	-0.04
		1366	2.74	0.05	-2.37	-2.35	0.02	0.23	0.05	-0.10	-4.26e-03	-0.05	-0.07
2219	4	2319	15.81	-0.06	-15.09	-15.09	-0.06	0.05	0.15	-0.25	-0.11	1.34e-03	-0.19
		2320	16.95	-0.06	-16.26	-16.26	-0.06	0.04	0.06	-0.18	-0.12	1.56e-03	-0.10
		1367	7.04	0.20	-6.46	-6.40	0.14	0.61	6.75e-03	-0.23	-0.06	-0.17	-0.11
		1366	7.20	0.26	-6.02	-5.91	0.15	0.83	0.12	-0.33	-0.05	-0.15	-0.22
2220	1	2320	11.61	-0.04	-11.52	-11.52	-0.04	-0.03	0.04	-0.03	0.02	3.60e-04	-0.03
		2321	11.74	-0.04	-11.67	-11.67	-0.04	0.05	0.02	-3.54e-03	0.02	4.10e-04	-8.74e-03
		1368	2.33	-0.03	-1.98	-1.96	-0.05	0.18	0.03	-0.05	0.03	-0.05	-6.31e-03
		1367	2.28	-0.05	-1.91	-1.91	-0.05	-3.72e-03	0.05	-0.06	0.03	-0.05	-0.04
2220	2	2320	40.90	-0.12	-39.10	-39.10	-0.12	0.10	0.15	-0.44	-0.30	3.80e-03	-0.25
		2321	41.82	-0.12	-40.04	-40.04	-0.12	-0.02	4.16e-03	-0.30	-0.30	3.98e-03	-7.38e-03
		1368	16.48	0.39	-15.63	-15.63	0.39	0.32	-0.15	-0.45	-0.15	-0.45	9.22e-03
		1367	16.68	0.43	-15.27	-15.23	0.39	0.85	0.04	-0.62	-0.15	-0.44	-0.30
2220	3	2320	8.22	-0.04	-8.09	-8.09	-0.04	-0.02	0.02	-0.05	-0.02	4.48e-04	-0.03
		2321	8.37	-0.04	-8.24	-8.24	-0.04	0.03	8.85e-04	-0.02	-0.02	4.80e-04	-3.15e-03
		1368	2.68	0.02	-2.52	-2.51	0.02	0.09	-5.01e-03	-0.05	-5.04e-03	-0.05	-1.18e-03
		1367	2.67	0.02	-2.46	-2.45	0.02	0.10	0.02	-0.07	-4.52e-03	-0.05	-0.04
2220	4	2320	16.96	-0.06	-16.26	-16.26	-0.06	0.02	0.06	-0.17	-0.12	1.47e-03	-0.10
		2321	17.34	-0.06	-16.65	-16.65	-0.06	0.01	1.60e-03	-0.12	-0.12	1.54e-03	-2.75e-03
		1368	6.87	0.15	-6.57	-6.56	0.15	0.13	-0.06	-0.17	-0.06	-0.17	3.42e-03
		1367	6.93	0.17	-6.42	-6.40	0.15	0.35	0.01	-0.24	-0.06	-0.17	-0.11
2221	1	2321	11.75	-0.04	-11.67	-11.67	-0.04	-0.05	0.02	-1.72e-03	0.02	4.11e-04	-6.11e-03
		2322	11.82	-0.04	-11.76	-11.76	-0.04	0.03	0.03	-0.02	0.01	3.91e-04	0.02
		1369	2.51	-0.01	-2.20	-2.19	-0.03	0.20	0.04	-0.06	0.03	-0.05	0.03
		1368	2.30	-0.05	-1.96	-1.96	-0.05	0.04	0.03	-0.05	0.03	-0.05	-9.62e-03
2221	2	2321	41.82	-0.12	-40.04	-40.04	-0.12	0.02	4.16e-03	-0.30	-0.30	3.98e-03	7.38e-03
		2322	40.90	-0.12	-39.10	-39.10	-0.12	-0.10	0.15	-0.44	-0.30	3.80e-03	0.25
		1369	16.68	0.43	-15.27	-15.23	0.39	-0.85	0.04	-0.62	-0.15	-0.44	0.30
		1368	16.48	0.39	-15.63	-15.63	0.39	-0.32	-0.15	-0.45	-0.15	-0.45	-9.22e-03
2221	3	2321	8.37	-0.04	-8.24	-8.24	-0.04	-0.03	5.44e-04	-0.02	-0.02	4.80e-04	-1.25e-03
		2322	8.29	-0.04	-8.16	-8.16	-0.04	0.02	0.02	-0.04	-0.02	4.58e-04	0.03
		1369	2.72	0.02	-2.54	-2.54	0.02	-0.04	0.01	-0.07	-5.73e-03	-0.05	0.03
		1368	2.67	0.02	-2.51	-2.51	0.02	-0.02	-4.83e-03	-0.05	-5.08e-03	-0.05	-3.54e-03



2221	4	2321	17.34	-0.06	-16.65	-16.65	-0.06	-0.01	1.60e-03	-0.12	-0.12	1.54e-03	2.75e-03
		2322	16.96	-0.06	-16.26	-16.26	-0.06	-0.02	0.06	-0.17	-0.12	1.47e-03	0.10
		1369	6.93	0.17	-6.42	-6.40	0.15	-0.35	0.01	-0.24	-0.06	-0.17	0.11
		1368	6.87	0.15	-6.57	-6.56	0.15	-0.13	-0.06	-0.17	-0.06	-0.17	-3.42e-03
2222	1	2322	11.83	-0.04	-11.77	-11.77	-0.04	-0.06	0.03	-0.02	0.01	4.55e-04	0.02
		2323	11.78	-0.05	-11.74	-11.74	-0.05	0.01	0.05	-0.04	8.48e-03	3.68e-04	0.05
		1370	2.84	9.96e-03	-2.54	-2.54	1.81e-03	0.14	0.06	-0.08	0.02	-0.04	0.06
		1369	2.52	-0.03	-2.20	-2.20	-0.03	0.05	0.04	-0.06	0.03	-0.05	0.02
2222	2	2322	40.90	-0.11	-39.08	-39.08	-0.11	-0.05	0.16	-0.45	-0.30	4.04e-03	0.27
		2323	38.15	-0.12	-36.25	-36.25	-0.12	-0.17	0.38	-0.65	-0.27	3.48e-03	0.50
		1370	17.50	0.66	-14.31	-14.03	0.39	-2.01	0.31	-0.85	-0.14	-0.40	0.57
		1369	16.96	0.53	-15.37	-15.23	0.39	-1.49	0.02	-0.60	-0.15	-0.44	0.28
2222	3	2322	8.29	-0.04	-8.16	-8.16	-0.04	-0.05	0.02	-0.04	-0.02	5.00e-04	0.03
		2323	7.97	-0.04	-7.83	-7.83	-0.04	6.13e-03	0.05	-0.07	-0.02	4.22e-04	0.06
		1370	2.83	0.05	-2.52	-2.50	0.03	-0.19	0.04	-0.10	-6.50e-03	-0.05	0.07
		1369	2.75	0.03	-2.55	-2.54	0.02	-0.15	9.94e-03	-0.07	-5.97e-03	-0.05	0.03
2222	4	2322	16.95	-0.06	-16.26	-16.26	-0.06	-0.04	0.06	-0.18	-0.12	1.56e-03	0.10
		2323	15.81	-0.06	-15.09	-15.09	-0.06	-0.05	0.15	-0.25	-0.11	1.34e-03	0.19
		1370	7.20	0.26	-6.02	-5.91	0.15	-0.83	0.12	-0.33	-0.05	-0.15	0.22
		1369	7.04	0.20	-6.46	-6.40	0.14	-0.61	6.75e-03	-0.23	-0.06	-0.17	0.11
2223	1	2323	11.79	-0.05	-11.75	-11.75	-0.05	-0.08	0.06	-0.05	8.86e-03	5.13e-04	0.05
		2324	11.50	-0.06	-11.48	-11.48	-0.06	-5.82e-03	0.07	-0.07	5.04e-03	3.44e-04	0.07
		1371	3.25	0.04	-2.91	-2.91	0.04	-0.01	0.08	-0.09	0.02	-0.03	0.08
		1370	2.88	9.83e-04	-2.55	-2.55	9.78e-04	-3.73e-03	0.05	-0.07	0.02	-0.04	0.05
2223	2	2323	38.15	-0.11	-36.23	-36.22	-0.11	-0.13	0.40	-0.67	-0.27	3.98e-03	0.52
		2324	33.60	-0.12	-31.53	-31.53	-0.12	-0.24	0.61	-0.84	-0.23	2.99e-03	0.71
		1371	18.74	1.13	-12.80	-12.04	0.38	-3.15	0.59	-1.03	-0.12	-0.33	0.80
		1370	18.01	0.85	-14.52	-14.05	0.38	-2.65	0.29	-0.83	-0.14	-0.40	0.55
2223	3	2323	7.96	-0.04	-7.82	-7.82	-0.04	-0.06	0.05	-0.07	-0.02	5.17e-04	0.06
		2324	7.35	-0.04	-7.19	-7.19	-0.04	-8.41e-03	0.07	-0.09	-0.02	3.71e-04	0.08
		1371	2.98	0.10	-2.44	-2.38	0.05	-0.38	0.07	-0.12	-6.89e-03	-0.04	0.09
		1370	2.90	0.07	-2.54	-2.51	0.03	-0.31	0.04	-0.09	-6.98e-03	-0.05	0.06
2223	4	2323	15.80	-0.06	-15.08	-15.08	-0.06	-0.07	0.15	-0.26	-0.11	1.54e-03	0.20
		2324	13.92	-0.06	-13.14	-13.14	-0.06	-0.08	0.23	-0.32	-0.09	1.16e-03	0.27
		1371	7.63	0.45	-5.40	-5.09	0.15	-1.31	0.22	-0.40	-0.05	-0.13	0.31
		1370	7.40	0.33	-6.10	-5.91	0.14	-1.09	0.11	-0.32	-0.05	-0.15	0.21
2224	1	2324	11.52	-0.05	-11.48	-11.48	-0.06	-0.09	0.08	-0.07	5.72e-03	5.62e-04	0.07
		2325	10.85	-0.06	-10.82	-10.82	-0.06	-0.03	0.08	-0.08	3.95e-03	3.09e-04	0.08
		1372	3.66	0.11	-3.21	-3.18	0.08	-0.29	0.10	-0.10	9.81e-03	-0.01	0.10
		1371	3.33	0.05	-2.93	-2.92	0.04	-0.17	0.07	-0.09	0.02	-0.03	0.08
2224	2	2324	33.60	-0.11	-31.49	-31.49	-0.11	-0.20	0.63	-0.85	-0.23	3.83e-03	0.73
		2325	27.34	-0.12	-24.97	-24.97	-0.12	-0.31	0.80	-0.97	-0.17	2.26e-03	0.88
		1372	20.16	1.99	-10.89	-9.26	0.37	-4.28	0.83	-1.15	-0.09	-0.23	0.99
		1371	19.42	1.44	-13.13	-12.07	0.37	-3.80	0.56	-1.02	-0.12	-0.33	0.78
2224	3	2324	7.33	-0.04	-7.19	-7.19	-0.04	-0.07	0.08	-0.10	-0.02	5.27e-04	0.09
		2325	6.37	-0.05	-6.22	-6.22	-0.05	-0.02	0.09	-0.11	-0.02	2.94e-04	0.10
		1372	3.15	0.21	-2.29	-2.13	0.06	-0.60	0.10	-0.13	-6.28e-03	-0.02	0.12
		1371	3.08	0.14	-2.48	-2.39	0.04	-0.49	0.07	-0.12	-7.76e-03	-0.04	0.09
2224	4	2324	13.90	-0.06	-13.12	-13.12	-0.06	-0.10	0.24	-0.33	-0.09	1.50e-03	0.28
		2325	11.29	-0.06	-10.41	-10.41	-0.06	-0.11	0.31	-0.37	-0.07	8.71e-04	0.34
		1372	8.13	0.81	-4.60	-3.93	0.14	-1.78	0.32	-0.44	-0.04	-0.09	0.38
		1371	7.90	0.57	-5.53	-5.10	0.14	-1.57	0.22	-0.39	-0.05	-0.13	0.30
2225	1	2325	10.88	-0.06	-10.83	-10.83	-0.06	-0.11	0.09	-0.08	5.17e-03	5.27e-04	0.09
		2326	9.67	-0.07	-9.62	-9.62	-0.07	-0.05	0.09	-0.08	7.04e-03	3.13e-04	0.08
		1373	3.98	0.25	-3.37	-3.24	0.12	-0.68	0.11	-0.09	5.29e-03	9.73e-03	0.10
		1372	3.77	0.14	-3.26	-3.20	0.08	-0.44	0.09	-0.10	7.65e-03	-0.02	0.09
2225	2	2325	27.35	-0.10	-24.92	-24.91	-0.10	-0.27	0.82	-0.98	-0.17	3.55e-03	0.90
		2326	19.63	-0.11	-16.63	-16.62	-0.12	-0.38	0.93	-1.03	-0.10	1.12e-03	0.98
		1373	21.58	3.49	-8.83	-5.70	0.36	-5.36	1.02	-1.18	-0.05	-0.11	1.10
		1372	20.96	2.42	-11.36	-9.29	0.35	-4.92	0.80	-1.14	-0.10	-0.24	0.97
2225	3	2325	6.35	-0.04	-6.22	-6.22	-0.05	-0.09	0.10	-0.11	-0.01	5.07e-04	0.10
		2326	5.00	-0.05	-4.86	-4.86	-0.05	-0.04	0.11	-0.11	-7.59e-03	1.81e-04	0.11
		1373	3.30	0.42	-2.07	-1.72	0.07	-0.86	0.12	-0.13	-3.93e-03	-5.58e-03	0.13
		1372	3.27	0.27	-2.35	-2.14	0.06	-0.71	0.10	-0.13	-7.95e-03	-0.02	0.11
2225	4	2325	11.27	-0.06	-10.39	-10.39	-0.06	-0.13	0.31	-0.38	-0.07	1.40e-03	0.34
		2326	8.02	-0.06	-6.94	-6.93	-0.07	-0.14	0.36	-0.40	-0.04	4.20e-04	0.38
		1373	8.67	1.44	-3.75	-2.45	0.14	-2.25	0.39	-0.45	-0.02	-0.04	0.42
		1372	8.45	0.98	-4.79	-3.95	0.14	-2.04	0.31	-0.44	-0.04	-0.09	0.37
2226	1	2326	9.70	-0.07	-9.62	-9.62	-0.07	-0.14	0.09	-0.08	9.35e-03	3.63e-04	0.09
		2327	7.82	-0.08	-7.72	-7.72	-0.08	-0.08	0.07	-0.06	0.02	4.64e-04	0.07
		1374	4.14	0.53	-3.37	-2.98	0.15	-1.16	0.11	-0.06	4.97e-03	0.04	0.08
		1373	4.11	0.31	-3.46	-3.26	0.11	-0.83	0.10	-0.09	1.28e-03	9.00e-03	0.10
2226	2	2326	19.66	-0.09	-16.57	-16.56	-0.10	-0.33	0.96	-1.04	-0.09	2.77e-03	1.00
		2327	12.87	-0.09	-6.60	-6.57	-0.12	-0.44	0.99	-1.01	-0.01	-8.23e-04	1.00
		1374	22.89	5.96	-6.97	-1.36	0.35	-6.41	1.15	-1.11	-3.71e-03	0.04	1.13
		1373	22.42	4.04	-9.44	-5.73	0.33	-6.02	0.99	-1.17	-0.07	-0.11	1.08
2226	3	2326	4.98	-0.04	-4.85	-4.85	-0.05	-0.10	0.11	-0.12	-5.41e-03	4.08e-04	0.11



		2327	3.26	-0.05	-3.05	-3.04	-0.05	-0.06	0.11	-0.10	3.12e-03	0.0	0.11
		1374	3.46	0.79	-1.81	-1.11	0.09	-1.16	0.13	-0.11	1.03e-03	0.02	0.12
		1373	3.44	0.50	-2.16	-1.73	0.07	-0.98	0.12	-0.13	-7.42e-03	-6.28e-03	0.12
2226	4	2326	8.00	-0.05	-6.91	-6.91	-0.06	-0.16	0.37	-0.40	-0.03	1.12e-03	0.38
		2327	5.01	-0.06	-2.71	-2.70	-0.07	-0.16	0.38	-0.39	-5.68e-03	-3.81e-04	0.38
		1374	9.22	2.50	-2.98	-0.63	0.15	-2.71	0.44	-0.43	-1.54e-03	0.02	0.43
		1373	9.01	1.66	-3.99	-2.46	0.13	-2.51	0.38	-0.45	-0.03	-0.04	0.41
2227	1	2327	7.86	-0.07	-7.70	-7.70	-0.07	-0.16	0.08	-0.06	0.02	3.40e-04	0.07
		2328	5.18	-0.08	-5.00	-5.00	-0.09	-0.11	0.05	-0.01	0.03	2.88e-04	0.02
		1375	4.07	1.02	-3.18	-2.32	0.16	-1.70	0.11	-7.91e-03	0.01	0.09	0.04
		1374	4.28	0.63	-3.49	-3.01	0.14	-1.33	0.10	-0.06	-3.62e-03	0.04	0.08
2227	2	2327	13.03	-0.07	-6.52	-6.50	-0.09	-0.39	1.03	-1.02	0.01	2.03e-04	1.02
		2328	11.61	5.20	-0.18	5.15	-0.13	-0.51	0.96	-0.90	0.07	-3.79e-03	0.93
		1375	24.22	9.65	-5.55	3.73	0.37	-7.42	1.19	-0.94	0.06	0.19	1.06
		1374	23.71	6.59	-7.68	-1.40	0.31	-7.08	1.10	-1.10	-0.04	0.03	1.10
2227	3	2327	3.34	-0.04	-3.04	-3.03	-0.05	-0.12	0.11	-0.10	7.94e-03	1.69e-04	0.11
		2328	1.30	-0.05	-0.74	-0.73	-0.06	-0.08	0.09	-0.08	0.02	-5.06e-04	0.09
		1375	3.66	1.42	-1.58	-0.27	0.10	-1.49	0.13	-0.08	9.99e-03	0.05	0.10
		1374	3.60	0.89	-1.93	-1.12	0.08	-1.28	0.12	-0.11	-6.79e-03	0.02	0.12
2227	4	2327	5.14	-0.04	-2.69	-2.68	-0.05	-0.19	0.39	-0.39	4.88e-03	1.29e-04	0.39
		2328	4.56	2.29	-0.09	2.28	-0.07	-0.20	0.37	-0.34	0.02	-1.71e-03	0.35
		1375	9.85	4.10	-2.41	1.53	0.16	-3.18	0.46	-0.36	0.02	0.08	0.41
		1374	9.55	2.75	-3.27	-0.64	0.13	-2.98	0.42	-0.42	-0.02	0.02	0.42
2228	1	2328	5.24	-0.06	-4.97	-4.96	-0.07	-0.19	0.06	-0.01	0.05	2.68e-03	0.03
		2329	1.83	-0.07	-1.52	-1.51	-0.08	-0.13	0.08	-0.03	0.05	-7.19e-03	-0.05
		1376	4.44	1.75	-2.80	-1.17	0.11	-2.19	0.16	0.03	0.04	0.16	-0.03
		1375	4.22	1.15	-3.37	-2.35	0.14	-1.89	0.10	-0.02	-8.68e-03	0.09	0.04
2228	2	2328	11.66	5.25	-0.12	5.21	-0.08	-0.44	1.02	-0.91	0.12	-3.46e-03	0.96
		2329	20.59	18.62	-0.16	18.60	-0.14	-0.61	0.84	-0.74	0.11	-6.19e-03	0.79
		1376	25.92	14.54	-4.60	9.47	0.46	-8.44	1.14	-0.70	0.13	0.31	0.92
		1375	25.02	10.31	-6.33	3.70	0.28	-8.14	1.09	-0.95	-0.04	0.18	1.01
2228	3	2328	1.45	-0.02	-0.74	-0.71	-0.05	-0.14	0.10	-0.08	0.03	6.63e-04	0.09
		2329	2.32	2.13	-0.06	2.12	-0.06	-0.10	0.06	-0.04	0.02	-3.78e-03	0.05
		1376	3.96	2.34	-1.39	0.84	0.11	-1.83	0.12	-0.02	0.03	0.08	0.07
		1375	3.80	1.53	-1.73	-0.28	0.08	-1.62	0.12	-0.08	-9.59e-03	0.04	0.10
2228	4	2328	4.64	2.32	-0.07	2.30	-0.05	-0.21	0.39	-0.34	0.05	-1.16e-03	0.37
		2329	8.77	8.09	-0.08	8.08	-0.08	-0.25	0.32	-0.28	0.04	-3.49e-03	0.30
		1376	10.73	6.24	-2.03	4.00	0.21	-3.68	0.44	-0.26	0.06	0.12	0.35
		1375	10.18	4.36	-2.72	1.51	0.13	-3.48	0.41	-0.36	-0.02	0.07	0.38
2229	1	2329	1.94	-0.05	-1.46	-1.43	-0.08	-0.19	0.12	-7.73e-03	0.10	0.01	-0.05
		2330	3.16	2.44	-0.03	2.44	-0.02	-0.12	0.13	-0.13	0.04	-0.04	-0.12
		1377	5.84	2.70	-2.17	0.57	-0.04	-2.42	0.30	-9.29e-03	0.10	0.20	-0.15
		1376	5.10	1.95	-3.05	-1.19	0.09	-2.42	0.15	-0.04	-0.03	0.14	-0.05
2229	2	2329	21.46	18.68	-0.16	18.67	-0.15	-0.48	0.97	-0.69	0.23	0.04	0.83
		2330	35.76	34.20	-6.96e-03	34.18	0.02	-0.87	0.63	-0.44	0.22	-0.02	0.52
		1377	27.85	20.08	-4.13	15.61	0.34	-9.40	1.16	-0.22	0.38	0.56	0.69
		1376	27.30	15.38	-5.47	9.48	0.43	-9.39	0.88	-0.85	-0.17	0.20	0.84
2229	3	2329	2.50	2.17	-0.07	2.16	-0.06	-0.15	0.09	-0.03	0.05	0.01	0.05
		2330	5.67	5.51	-0.02	5.50	-0.02	-0.14	0.02	-0.02	0.02	-0.02	9.48e-03
		1377	4.30	3.48	-1.22	2.22	0.04	-2.09	0.11	0.07	0.08	0.10	0.01
		1376	4.19	2.51	-1.57	0.84	0.10	-2.01	0.08	-0.06	-0.04	0.06	0.05
2229	4	2329	9.12	8.12	-0.09	8.11	-0.08	-0.23	0.37	-0.26	0.09	0.02	0.31
		2330	15.44	14.92	-0.02	14.91	-8.56e-03	-0.36	0.23	-0.18	0.07	-0.01	0.20
		1377	11.76	8.70	-1.87	6.68	0.15	-4.15	0.45	-0.08	0.16	0.21	0.26
		1376	11.31	6.59	-2.40	4.00	0.20	-4.07	0.33	-0.32	-0.08	0.08	0.32
2230	1	2330	4.24	3.04	-0.36	3.00	-0.31	-0.40	0.28	-0.02	0.13	0.13	-0.15
		2254	7.20	5.50	0.55	5.48	0.57	0.33	0.38	-0.25	0.23	-0.10	-0.27
		192	8.50	3.61	-3.59	3.35	-3.33	-1.35	0.74	0.08	0.41	0.41	-0.33
		1377	6.94	3.63	-2.38	0.16	1.09	-2.97	0.03	-0.33	-0.26	-0.04	-0.15
2230	2	2330	39.42	36.31	-1.07	36.24	-1.01	-1.53	1.01	0.29	0.72	0.58	0.35
		2254	57.93	48.59	2.15	48.58	2.16	0.54	1.47	-0.63	1.43	-0.59	-0.28
		192	36.29	24.41	-12.89	23.54	-12.01	-5.65	2.92	1.89	2.03	2.77	-0.36
		1377	33.52	21.96	-3.47	14.16	4.32	-11.72	0.38	-1.39	-0.90	-0.10	0.79
2230	3	2330	6.50	5.99	-0.28	5.97	-0.25	-0.36	0.13	0.09	0.11	0.11	-0.02
		2254	9.83	8.49	0.46	8.49	0.47	0.20	0.24	-0.13	0.21	-0.10	-0.10
		192	7.61	4.44	-2.96	4.23	-2.74	-1.25	0.53	0.24	0.37	0.39	-0.14
		1377	5.43	4.02	-1.18	1.89	0.95	-2.56	-0.06	-0.21	-0.21	-0.06	0.02
2230	4	2330	17.06	15.85	-0.49	15.82	-0.46	-0.70	0.40	0.13	0.29	0.24	0.13
		2254	24.94	21.26	0.94	21.26	0.94	0.27	0.58	-0.26	0.57	-0.25	-0.10
		192	15.92	10.61	-5.72	10.21	-5.32	-2.52	1.17	0.78	0.85	1.09	-0.15
		1377	14.22	9.53	-1.58	6.04	1.91	-5.15	0.10	-0.58	-0.40	-0.08	0.30
2231	1	2254	7.71	5.42	0.57	5.42	0.57	-0.12	0.37	-0.31	0.24	-0.17	-0.27
		2350	4.28	1.27	-0.52	1.10	-0.34	0.53	0.41	-0.18	0.08	0.14	-0.29
		2031	11.16	4.65	-2.43	0.86	1.37	3.53	0.25	-0.68	-0.29	-0.14	-0.46
		192	9.14	3.96	-3.97	3.37	-3.38	2.08	0.75	0.31	0.49	0.57	-0.22
2231	2	2254	58.58	48.73	2.17	48.72	2.18	-0.70	1.50	-0.68	1.48	-0.66	-0.24
		2350	39.88	35.64	-1.02	35.58	-0.96	1.52	1.56	-0.16	0.83	0.57	-0.85



		2031	40.31	21.76	-5.68	12.21	3.86	13.07	1.12	-1.82	-0.81	0.12	-1.39
		192	38.26	24.62	-13.19	23.51	-12.08	6.37	2.92	2.05	2.06	2.91	-0.05
2231	3	2254	10.02	8.48	0.47	8.48	0.47	-0.15	0.24	-0.16	0.22	-0.13	-0.10
		2350	5.81	5.34	-0.29	5.31	-0.26	0.40	0.26	-0.04	0.11	0.11	-0.15
		2031	8.11	4.36	-1.45	1.92	1.00	2.87	0.12	-0.41	-0.21	-0.07	-0.26
		192	7.34	4.56	-3.10	4.23	-2.77	1.55	0.48	0.36	0.40	0.45	-0.05
2231	4	2254	25.19	21.31	0.94	21.31	0.95	-0.32	0.59	-0.28	0.58	-0.27	-0.09
		2350	17.14	15.55	-0.47	15.52	-0.44	0.70	0.61	-0.04	0.33	0.24	-0.32
		2031	16.82	9.47	-2.46	5.28	1.73	5.69	0.38	-0.74	-0.37	4.98e-03	-0.53
		192	16.13	10.70	-5.84	10.20	-5.35	2.83	1.14	0.86	0.86	1.14	-3.93e-03
2232	1	2350	4.21	0.57	-0.17	0.47	-0.06	0.26	0.33	-0.38	-0.07	0.02	-0.35
		2351	5.42	-0.08	-3.97	-3.96	-0.09	0.17	0.33	-0.38	-0.05	2.94e-03	-0.35
		2032	7.76	2.39	-2.34	-0.18	0.23	2.36	0.26	-0.44	-0.11	-0.08	-0.35
		2031	9.28	3.64	-2.07	1.28	0.29	2.81	0.40	-0.44	0.02	-0.05	-0.42
2232	2	2350	36.60	33.55	0.04	33.53	0.07	0.87	1.22	-0.91	0.31	3.58e-03	-1.05
		2351	21.99	15.30	-0.13	15.28	-0.11	0.65	1.61	-1.29	0.30	0.02	-1.44
		2032	36.69	15.04	-8.95	5.93	0.15	11.64	1.65	-1.41	-0.12	0.36	-1.51
		2031	34.68	19.64	-6.03	13.69	-0.08	10.83	1.79	-0.73	0.39	0.67	-1.25
2232	3	2350	5.41	4.82	-0.03	4.82	-0.03	0.18	0.19	-0.20	-6.41e-03	7.83e-04	-0.20
		2351	2.78	1.05	-0.08	1.03	-0.06	0.15	0.24	-0.21	0.02	4.76e-03	-0.22
		2032	6.28	2.69	-1.77	0.80	0.12	2.21	0.21	-0.25	-0.05	6.48e-03	-0.23
		2031	6.76	3.76	-1.41	2.25	0.10	2.35	0.27	-0.18	0.05	0.04	-0.23
2232	4	2350	15.67	14.62	1.50e-03	14.61	0.01	0.36	0.46	-0.36	0.11	-3.55e-03	-0.40
		2351	9.07	6.74	-0.08	6.73	-0.07	0.30	0.61	-0.48	0.12	9.10e-03	-0.55
		2032	14.89	6.47	-3.76	2.62	0.09	4.96	0.62	-0.54	-0.06	0.14	-0.57
		2031	14.39	8.54	-2.62	5.93	-0.01	4.73	0.69	-0.27	0.16	0.25	-0.48
2233	1	2351	5.50	-0.08	-3.94	-3.94	-0.09	0.12	0.31	-0.38	-0.08	2.16e-03	-0.34
		2352	7.91	-0.06	-7.09	-7.09	-0.06	0.14	0.30	-0.35	-0.04	-3.92e-03	-0.32
		2033	6.65	1.23	-2.63	-1.50	0.10	1.76	0.30	-0.37	-0.05	-0.02	-0.33
		2032	7.52	2.14	-2.10	-0.20	0.24	2.11	0.33	-0.41	-0.03	-0.05	-0.37
2233	2	2351	21.19	15.10	-0.16	15.06	-0.12	0.77	1.50	-1.31	0.18	-5.92e-04	-1.40
		2352	18.44	0.10	-2.52	-2.35	-0.07	0.65	1.72	-1.56	0.17	-0.01	-1.64
		2033	36.67	10.20	-11.19	-1.25	0.26	10.67	1.89	-1.62	-0.01	0.28	-1.75
		2032	35.53	14.19	-7.97	5.97	0.26	10.71	1.88	-1.29	0.16	0.43	-1.58
2233	3	2351	2.70	1.03	-0.07	1.01	-0.06	0.11	0.21	-0.22	-0.01	-5.06e-04	-0.22
		2352	3.43	-0.04	-2.13	-2.12	-0.05	0.14	0.24	-0.23	6.52e-03	-1.87e-03	-0.23
		2033	5.72	1.63	-2.06	-0.49	0.07	1.82	0.25	-0.25	-0.02	0.02	-0.25
		2032	6.06	2.51	-1.58	0.80	0.13	2.02	0.26	-0.22	0.01	0.02	-0.24
2233	4	2351	8.72	6.66	-0.08	6.64	-0.07	0.31	0.57	-0.50	0.07	-1.32e-03	-0.53
		2352	7.07	0.06	-0.82	-0.71	-0.05	0.29	0.66	-0.59	0.07	-3.68e-03	-0.62
		2033	14.65	4.32	-4.62	-0.42	0.12	4.46	0.72	-0.62	-7.63e-03	0.11	-0.66
		2032	14.41	6.12	-3.35	2.63	0.13	4.57	0.72	-0.48	0.07	0.17	-0.60
2234	1	2352	8.00	-0.07	-7.07	-7.07	-0.07	0.06	0.29	-0.34	-0.05	-2.24e-03	-0.32
		2249	10.13	-0.06	-9.47	-9.47	-0.06	0.12	0.29	-0.33	-0.04	-1.24e-04	-0.31
		2034	6.30	0.67	-3.16	-2.55	0.06	1.40	0.29	-0.36	-0.04	-0.03	-0.33
		2033	6.54	1.10	-2.47	-1.49	0.12	1.59	0.33	-0.37	-0.03	-0.02	-0.35
2234	2	2352	18.22	0.06	-2.70	-2.51	-0.13	0.71	1.67	-1.55	0.12	-3.55e-03	-1.61
		2249	26.58	-0.07	-18.43	-18.41	-0.09	0.58	1.75	-1.72	0.03	-1.13e-03	-1.73
		2034	36.82	6.69	-14.06	-7.71	0.34	9.56	1.90	-1.86	-0.03	0.07	-1.88
		2033	35.93	9.54	-10.37	-1.18	0.36	9.92	1.98	-1.62	0.08	0.28	-1.80
2234	3	2352	3.27	-0.05	-2.13	-2.13	-0.05	0.08	0.23	-0.23	-5.24e-03	-1.25e-03	-0.23
		2249	5.40	-0.04	-4.75	-4.75	-0.04	0.12	0.24	-0.24	-7.92e-03	-8.91e-05	-0.24
		2034	5.55	0.98	-2.51	-1.59	0.05	1.54	0.25	-0.27	-0.02	1.49e-03	-0.26
		2033	5.61	1.52	-1.91	-0.48	0.09	1.69	0.27	-0.24	5.76e-04	0.02	-0.26
2234	4	2352	6.91	0.02	-0.87	-0.77	-0.07	0.28	0.63	-0.59	0.04	-1.64e-03	-0.61
		2249	10.46	-0.04	-7.41	-7.40	-0.05	0.26	0.67	-0.66	0.01	-3.86e-04	-0.66
		2034	14.61	2.79	-5.77	-3.12	0.14	3.96	0.72	-0.71	-0.01	0.03	-0.72
		2033	14.35	4.05	-4.29	-0.39	0.16	4.16	0.76	-0.62	0.03	0.11	-0.69
2235	1	2249	10.19	-0.06	-9.47	-9.47	-0.06	0.04	0.28	-0.33	-0.05	-8.64e-04	-0.30
		2251	11.99	-0.05	-11.39	-11.39	-0.05	0.11	0.26	-0.31	-0.05	8.63e-04	-0.28
		2035	6.13	0.39	-3.73	-3.39	0.04	1.15	0.26	-0.35	-0.04	-0.04	-0.31
		2034	6.15	0.57	-3.04	-2.54	0.07	1.25	0.31	-0.36	-0.03	-0.02	-0.33
2235	2	2249	26.44	-0.11	-18.55	-18.53	-0.13	0.64	1.71	-1.71	5.20e-03	-1.02e-03	-1.71
		2251	37.28	-0.09	-32.64	-32.63	-0.10	0.51	1.67	-1.77	-0.10	3.16e-03	-1.72
		2035	36.49	4.34	-17.40	-13.43	0.38	8.39	1.75	-1.97	-0.08	-0.13	-1.86
		2034	36.03	6.12	-13.38	-7.65	0.39	8.88	1.95	-1.87	3.89e-03	0.07	-1.91
2235	3	2249	5.35	-0.05	-4.76	-4.76	-0.05	0.06	0.23	-0.24	-0.01	-4.21e-04	-0.24
		2251	7.43	-0.04	-6.97	-6.96	-0.04	0.11	0.22	-0.24	-0.02	5.80e-04	-0.23
		2035	5.47	0.59	-3.06	-2.51	0.05	1.30	0.23	-0.27	-0.02	-0.02	-0.25
		2034	5.42	0.88	-2.40	-1.58	0.06	1.42	0.26	-0.27	-8.60e-03	2.20e-03	-0.26
2235	4	2249	10.35	-0.06	-7.45	-7.44	-0.07	0.24	0.65	-0.65	1.90e-03	-4.68e-04	-0.65
		2251	14.92	-0.05	-13.26	-13.26	-0.06	0.23	0.64	-0.68	-0.04	1.26e-03	-0.66
		2035	14.48	1.78	-7.12	-5.49	0.15	3.45	0.67	-0.75	-0.03	-0.05	-0.71
		2034	14.30	2.56	-5.49	-3.09	0.16	3.68	0.75	-0.71	1.54e-03	0.03	-0.73
2236	1	2251	12.04	-0.06	-11.40	-11.40	-0.06	0.02	0.26	-0.31	-0.05	7.65e-05	-0.28
		2252	13.50	-0.05	-12.95	-12.95	-0.05	0.10	0.23	-0.28	-0.06	8.62e-04	-0.25
		2036	6.01	0.23	-4.27	-4.06	0.03	0.94	0.22	-0.32	-0.04	-0.06	-0.27



		2035	5.97	0.31	-3.64	-3.38	0.04	1.00	0.27	-0.35	-0.03	-0.04	-0.31
2236	2	2251	37.29	-0.12	-32.74	-32.73	-0.13	0.56	1.64	-1.76	-0.12	1.31e-03	-1.70
		2252	48.76	-0.10	-44.90	-44.90	-0.11	0.43	1.49	-1.70	-0.21	4.46e-03	-1.59
		2036	35.68	2.83	-20.80	-18.37	0.40	7.18	1.51	-1.93	-0.12	-0.31	-1.72
		2035	35.68	3.88	-16.85	-13.38	0.41	7.73	1.79	-1.98	-0.06	-0.13	-1.88
2236	3	2251	7.47	-0.05	-6.97	-6.97	-0.05	0.05	0.22	-0.24	-0.03	1.18e-04	-0.23
		2252	9.25	-0.04	-8.82	-8.82	-0.04	0.10	0.20	-0.23	-0.04	6.74e-04	-0.21
		2036	5.40	0.37	-3.60	-3.28	0.04	1.09	0.20	-0.26	-0.02	-0.04	-0.23
		2035	5.33	0.52	-2.97	-2.50	0.05	1.19	0.24	-0.27	-0.02	-0.02	-0.26
2236	4	2251	14.96	-0.07	-13.30	-13.29	-0.07	0.21	0.63	-0.67	-0.04	4.82e-04	-0.65
		2252	19.69	-0.06	-18.29	-18.29	-0.06	0.20	0.57	-0.65	-0.08	1.74e-03	-0.61
		2036	14.20	1.15	-8.51	-7.52	0.15	2.93	0.58	-0.74	-0.05	-0.12	-0.66
		2035	14.15	1.60	-6.90	-5.47	0.16	3.18	0.69	-0.76	-0.02	-0.05	-0.72
2237	1	2252	13.54	-0.06	-12.95	-12.95	-0.06	7.91e-03	0.22	-0.28	-0.06	4.27e-04	-0.25
		2253	14.70	-0.05	-14.20	-14.20	-0.05	0.09	0.18	-0.25	-0.06	7.62e-04	-0.21
		2037	5.92	0.14	-4.74	-4.61	0.02	0.76	0.17	-0.29	-0.04	-0.07	-0.23
		2036	5.86	0.18	-4.20	-4.05	0.03	0.79	0.23	-0.33	-0.04	-0.06	-0.28
2237	2	2252	48.78	-0.13	-44.98	-44.98	-0.13	0.48	1.47	-1.68	-0.22	2.79e-03	-1.57
		2253	58.50	-0.11	-55.12	-55.12	-0.11	0.34	1.23	-1.53	-0.30	5.01e-03	-1.37
		2037	34.58	1.86	-23.94	-22.51	0.42	5.91	1.18	-1.78	-0.16	-0.44	-1.48
		2036	34.91	2.47	-20.38	-18.33	0.42	6.53	1.53	-1.95	-0.11	-0.30	-1.74
2237	3	2252	9.28	-0.05	-8.83	-8.83	-0.05	0.03	0.19	-0.23	-0.04	3.64e-04	-0.21
		2253	10.74	-0.04	-10.34	-10.34	-0.04	0.09	0.16	-0.21	-0.05	6.75e-04	-0.18
		2037	5.34	0.23	-4.10	-3.91	0.04	0.89	0.16	-0.24	-0.03	-0.06	-0.20
		2036	5.28	0.31	-3.54	-3.27	0.05	0.97	0.20	-0.27	-0.02	-0.04	-0.23
2237	4	2252	19.72	-0.07	-18.32	-18.32	-0.07	0.17	0.56	-0.65	-0.09	1.06e-03	-0.60
		2253	23.71	-0.06	-22.46	-22.46	-0.06	0.16	0.47	-0.59	-0.12	1.93e-03	-0.53
		2037	13.83	0.74	-9.79	-9.21	0.16	2.41	0.45	-0.69	-0.06	-0.17	-0.57
		2036	13.89	1.00	-8.34	-7.50	0.16	2.67	0.59	-0.75	-0.04	-0.11	-0.67
2238	1	2253	14.73	-0.05	-14.20	-14.20	-0.05	-4.62e-03	0.18	-0.25	-0.06	5.46e-04	-0.21
		2255	15.63	-0.05	-15.16	-15.16	-0.05	0.07	0.14	-0.20	-0.07	7.07e-04	-0.17
		2038	5.86	0.09	-5.13	-5.06	0.02	0.60	0.12	-0.24	-0.04	-0.08	-0.18
		2037	5.78	0.10	-4.69	-4.61	0.02	0.62	0.18	-0.29	-0.04	-0.07	-0.23
2238	2	2253	58.52	-0.13	-55.19	-55.18	-0.13	0.39	1.21	-1.51	-0.31	3.83e-03	-1.35
		2255	66.27	-0.12	-63.22	-63.22	-0.12	0.25	0.91	-1.27	-0.37	5.37e-03	-1.07
		2038	33.41	1.23	-26.61	-25.82	0.44	4.62	0.80	-1.54	-0.19	-0.55	-1.15
		2037	33.89	1.59	-23.62	-22.47	0.44	5.27	1.20	-1.80	-0.15	-0.44	-1.49
2238	3	2253	10.76	-0.04	-10.34	-10.34	-0.04	0.02	0.16	-0.21	-0.05	4.91e-04	-0.18
		2255	11.90	-0.04	-11.53	-11.52	-0.04	0.07	0.12	-0.17	-0.05	6.80e-04	-0.14
		2038	5.30	0.14	-4.52	-4.41	0.04	0.69	0.11	-0.21	-0.03	-0.07	-0.16
		2037	5.23	0.19	-4.05	-3.90	0.04	0.77	0.16	-0.24	-0.03	-0.06	-0.20
2238	4	2253	23.74	-0.07	-22.49	-22.49	-0.07	0.14	0.46	-0.58	-0.12	1.46e-03	-0.52
		2255	26.91	-0.06	-25.76	-25.76	-0.06	0.13	0.35	-0.49	-0.14	2.06e-03	-0.41
		2038	13.46	0.48	-10.88	-10.56	0.16	1.88	0.31	-0.59	-0.07	-0.21	-0.45
		2037	13.56	0.64	-9.67	-9.20	0.17	2.15	0.46	-0.69	-0.06	-0.17	-0.57
2239	1	2255	15.65	-0.05	-15.16	-15.16	-0.05	-0.02	0.13	-0.20	-0.07	6.00e-04	-0.16
		2256	16.28	-0.05	-15.85	-15.85	-0.05	0.06	0.09	-0.16	-0.07	6.87e-04	-0.12
		2039	5.84	0.05	-5.45	-5.42	0.02	0.44	0.06	-0.19	-0.04	-0.09	-0.12
		2038	5.75	0.06	-5.10	-5.06	0.02	0.45	0.12	-0.24	-0.04	-0.08	-0.18
2239	2	2255	66.28	-0.13	-63.27	-63.27	-0.13	0.30	0.89	-1.26	-0.37	4.59e-03	-1.06
		2256	71.94	-0.12	-69.12	-69.12	-0.12	0.16	0.55	-0.96	-0.42	5.60e-03	-0.73
		2039	32.45	0.82	-28.68	-28.31	0.45	3.28	0.39	-1.22	-0.21	-0.62	-0.78
		2038	32.86	1.04	-26.38	-25.80	0.45	3.97	0.82	-1.55	-0.18	-0.55	-1.17
2239	3	2255	11.92	-0.04	-11.53	-11.53	-0.04	6.56e-03	0.12	-0.17	-0.05	5.72e-04	-0.14
		2256	12.75	-0.04	-12.39	-12.39	-0.04	0.06	0.08	-0.13	-0.06	6.89e-04	-0.10
		2039	5.27	0.09	-4.85	-4.80	0.04	0.50	0.05	-0.16	-0.03	-0.08	-0.11
		2038	5.21	0.12	-4.48	-4.41	0.04	0.58	0.11	-0.21	-0.03	-0.07	-0.16
2239	4	2255	26.93	-0.07	-25.78	-25.78	-0.07	0.10	0.34	-0.49	-0.14	1.75e-03	-0.41
		2256	29.25	-0.06	-28.18	-28.18	-0.06	0.09	0.21	-0.37	-0.16	2.14e-03	-0.28
		2039	13.15	0.32	-11.73	-11.58	0.17	1.34	0.15	-0.47	-0.08	-0.24	-0.30
		2038	13.24	0.41	-10.79	-10.55	0.17	1.62	0.32	-0.60	-0.07	-0.21	-0.45
2240	1	2256	16.29	-0.05	-15.85	-15.85	-0.05	-0.03	0.08	-0.15	-0.07	6.38e-04	-0.11
		2257	16.67	-0.05	-16.26	-16.26	-0.05	0.05	0.04	-0.11	-0.07	6.83e-04	-0.06
		2040	5.87	0.03	-5.70	-5.68	0.02	0.27	2.30e-03	-0.13	-0.04	-0.09	-0.06
		2039	5.77	0.03	-5.43	-5.42	0.02	0.29	0.06	-0.19	-0.04	-0.09	-0.13
2240	2	2256	71.96	-0.13	-69.16	-69.16	-0.13	0.21	0.54	-0.95	-0.42	5.14e-03	-0.71
		2257	75.46	-0.12	-72.78	-72.78	-0.12	0.06	0.20	-0.63	-0.44	5.68e-03	-0.35
		2040	31.92	0.59	-30.09	-29.97	0.47	1.93	-0.02	-0.86	-0.22	-0.66	-0.36
		2039	32.06	0.70	-28.54	-28.30	0.46	2.64	0.41	-1.23	-0.20	-0.62	-0.79
2240	3	2256	12.77	-0.04	-12.40	-12.40	-0.04	-7.14e-03	0.07	-0.13	-0.06	6.30e-04	-0.10
		2257	13.29	-0.04	-12.94	-12.93	-0.04	0.04	0.03	-0.09	-0.06	6.93e-04	-0.05
		2040	5.28	0.06	-5.08	-5.06	0.04	0.30	2.19e-03	-0.12	-0.03	-0.08	-0.05
		2039	5.21	0.07	-4.82	-4.79	0.04	0.39	0.06	-0.17	-0.03	-0.08	-0.11
2240	4	2256	29.26	-0.07	-28.19	-28.19	-0.07	0.06	0.21	-0.37	-0.16	1.96e-03	-0.28
		2257	30.71	-0.06	-29.68	-29.68	-0.06	0.05	0.08	-0.25	-0.17	2.17e-03	-0.14
		2040	13.00	0.22	-12.31	-12.26	0.17	0.79	-3.07e-03	-0.33	-0.08	-0.25	-0.14
		2039	13.00	0.27	-11.67	-11.57	0.17	1.08	0.16	-0.48	-0.08	-0.24	-0.31



2241	1	2257	16.68	-0.05	-16.26	-16.26	-0.05	-0.04	0.03	-0.10	-0.07	6.72e-04	-0.06
		2258	16.78	-0.05	-16.38	-16.37	-0.05	0.04	1.07e-03	-0.07	-0.07	6.84e-04	-5.30e-03
		2041	5.94	0.03	-5.85	-5.85	0.03	0.10	-0.04	-0.09	-0.04	-0.09	-2.45e-03
		2040	5.83	0.02	-5.69	-5.68	0.02	0.13	5.34e-03	-0.14	-0.04	-0.09	-0.07
2241	2	2257	75.47	-0.13	-72.80	-72.80	-0.13	0.11	0.18	-0.62	-0.44	5.50e-03	-0.33
		2258	76.77	-0.13	-74.13	-74.13	-0.13	-0.04	0.01	-0.45	-0.45	5.60e-03	0.05
		2041	31.96	0.48	-30.80	-30.79	0.47	0.55	-0.21	-0.68	-0.22	-0.67	0.07
		2040	31.72	0.52	-30.01	-29.96	0.47	1.28	6.16e-04	-0.88	-0.22	-0.66	-0.38
2241	3	2257	13.29	-0.04	-12.94	-12.94	-0.04	-0.02	0.03	-0.09	-0.06	6.72e-04	-0.05
		2258	13.50	-0.04	-13.15	-13.15	-0.04	0.03	7.39e-04	-0.06	-0.06	6.87e-04	-1.80e-03
		2041	5.32	0.05	-5.21	-5.21	0.04	0.11	-0.03	-0.09	-0.03	-0.09	5.56e-04
		2040	5.24	0.05	-5.07	-5.06	0.04	0.19	4.32e-03	-0.12	-0.03	-0.08	-0.06
2241	4	2257	30.71	-0.07	-29.69	-29.69	-0.07	0.02	0.07	-0.24	-0.17	2.10e-03	-0.13
		2258	31.27	-0.07	-30.26	-30.26	-0.07	8.60e-03	3.19e-03	-0.17	-0.17	2.14e-03	0.01
		2041	13.03	0.18	-12.60	-12.60	0.18	0.24	-0.08	-0.26	-0.09	-0.26	0.02
		2040	12.92	0.20	-12.28	-12.25	0.17	0.54	2.87e-03	-0.34	-0.08	-0.25	-0.15
2242	1	2258	16.78	-0.05	-16.38	-16.38	-0.05	-0.06	8.23e-04	-0.07	-0.07	7.10e-04	-2.86e-03
		2279	16.59	-0.05	-16.18	-16.18	-0.05	0.02	0.03	-0.10	-0.07	6.82e-04	0.05
		2042	6.05	0.03	-5.92	-5.91	0.03	-0.09	-1.23e-03	-0.13	-0.04	-0.09	0.06
		2041	5.94	0.03	-5.86	-5.85	0.03	-0.05	-0.04	-0.10	-0.04	-0.09	-5.71e-03
2242	2	2258	76.77	-0.13	-74.13	-74.13	-0.13	9.12e-03	0.01	-0.46	-0.45	5.70e-03	0.06
		2279	75.82	-0.13	-73.15	-73.15	-0.13	-0.14	0.28	-0.70	-0.43	5.34e-03	0.44
		2042	32.58	0.50	-30.78	-30.76	0.48	-0.85	0.11	-0.97	-0.21	-0.65	0.50
		2041	31.97	0.47	-30.79	-30.79	0.47	-0.10	-0.21	-0.68	-0.22	-0.67	0.05
2242	3	2258	13.50	-0.04	-13.15	-13.15	-0.04	-0.04	7.03e-04	-0.06	-0.06	7.03e-04	6.47e-05
		2279	13.38	-0.04	-13.03	-13.03	-0.04	0.02	0.03	-0.09	-0.06	6.66e-04	0.05
		2042	5.39	0.05	-5.23	-5.23	0.05	-0.09	3.69e-03	-0.12	-0.03	-0.08	0.06
		2041	5.31	0.04	-5.21	-5.21	0.04	-3.25e-03	-0.03	-0.09	-0.03	-0.09	-1.75e-03
2242	4	2258	31.27	-0.07	-30.26	-30.26	-0.07	-0.02	4.25e-03	-0.17	-0.17	2.18e-03	0.02
		2279	30.93	-0.07	-29.91	-29.91	-0.07	-0.03	0.10	-0.27	-0.17	2.04e-03	0.16
		2042	13.24	0.19	-12.60	-12.59	0.18	-0.32	0.04	-0.37	-0.08	-0.25	0.18
		2041	13.03	0.18	-12.60	-12.60	0.18	-0.02	-0.08	-0.26	-0.09	-0.26	0.02
2243	1	2279	16.59	-0.05	-16.18	-16.18	-0.05	-0.07	0.03	-0.10	-0.07	7.57e-04	0.05
		2280	16.08	-0.06	-15.66	-15.66	-0.06	5.89e-03	0.08	-0.14	-0.07	6.66e-04	0.11
		2043	6.19	0.06	-5.87	-5.86	0.04	-0.30	0.06	-0.18	-0.04	-0.09	0.12
		2042	6.09	0.04	-5.93	-5.92	0.03	-0.24	-4.37e-03	-0.13	-0.04	-0.09	0.06
2243	2	2279	75.82	-0.13	-73.14	-73.14	-0.13	-0.09	0.29	-0.72	-0.43	5.77e-03	0.45
		2280	72.58	-0.13	-69.81	-69.81	-0.13	-0.24	0.63	-1.03	-0.40	4.86e-03	0.80
		2043	33.65	0.65	-30.05	-29.89	0.48	-2.26	0.53	-1.31	-0.19	-0.59	0.90
		2042	32.79	0.55	-30.84	-30.77	0.48	-1.50	0.10	-0.96	-0.21	-0.65	0.48
2243	3	2279	13.37	-0.04	-13.03	-13.03	-0.04	-0.05	0.03	-0.09	-0.06	7.26e-04	0.05
		2280	12.92	-0.05	-12.57	-12.57	-0.05	5.10e-04	0.07	-0.13	-0.06	6.23e-04	0.10
		2043	5.48	0.07	-5.15	-5.13	0.05	-0.30	0.06	-0.16	-0.03	-0.08	0.11
		2042	5.42	0.05	-5.24	-5.23	0.04	-0.21	1.45e-03	-0.12	-0.03	-0.08	0.05
2243	4	2279	30.92	-0.07	-29.91	-29.90	-0.07	-0.06	0.11	-0.27	-0.17	2.21e-03	0.17
		2280	29.66	-0.07	-28.61	-28.61	-0.07	-0.07	0.24	-0.39	-0.15	1.86e-03	0.30
		2043	13.60	0.24	-12.31	-12.25	0.18	-0.88	0.20	-0.50	-0.08	-0.23	0.34
		2042	13.32	0.20	-12.62	-12.60	0.18	-0.58	0.03	-0.36	-0.08	-0.25	0.18
2244	1	2280	16.06	-0.05	-15.65	-15.65	-0.06	-0.08	0.08	-0.15	-0.07	8.25e-04	0.11
		2281	15.20	-0.06	-14.77	-14.77	-0.06	-0.01	0.13	-0.19	-0.06	5.98e-04	0.16
		2044	6.35	0.10	-5.71	-5.66	0.05	-0.53	0.12	-0.23	-0.03	-0.08	0.17
		2043	6.26	0.07	-5.90	-5.86	0.04	-0.45	0.05	-0.18	-0.04	-0.09	0.11
2244	2	2280	72.57	-0.12	-69.78	-69.78	-0.12	-0.20	0.65	-1.04	-0.40	5.72e-03	0.82
		2281	67.02	-0.14	-64.10	-64.10	-0.14	-0.35	0.97	-1.31	-0.34	4.08e-03	1.13
		2044	34.93	0.94	-28.63	-28.17	0.48	-3.66	0.93	-1.60	-0.17	-0.50	1.25
		2043	34.04	0.75	-30.18	-29.91	0.48	-2.90	0.51	-1.30	-0.20	-0.59	0.88
2244	3	2280	12.91	-0.04	-12.56	-12.56	-0.04	-0.06	0.07	-0.13	-0.06	7.50e-04	0.10
		2281	12.10	-0.05	-11.74	-11.74	-0.05	-0.02	0.12	-0.17	-0.05	5.41e-04	0.14
		2044	5.57	0.11	-4.95	-4.90	0.05	-0.52	0.11	-0.20	-0.03	-0.07	0.15
		2043	5.53	0.08	-5.17	-5.13	0.05	-0.42	0.05	-0.16	-0.03	-0.08	0.10
2244	4	2280	29.65	-0.06	-28.60	-28.60	-0.06	-0.10	0.24	-0.39	-0.15	2.20e-03	0.31
		2281	27.45	-0.07	-26.36	-26.36	-0.07	-0.11	0.37	-0.50	-0.13	1.57e-03	0.43
		2044	14.03	0.36	-11.74	-11.56	0.18	-1.45	0.35	-0.61	-0.07	-0.19	0.47
		2043	13.75	0.28	-12.36	-12.26	0.18	-1.14	0.19	-0.49	-0.08	-0.23	0.33
2245	1	2281	15.18	-0.06	-14.76	-14.76	-0.06	-0.10	0.13	-0.19	-0.06	9.12e-04	0.16
		2282	13.93	-0.06	-13.47	-13.47	-0.06	-0.03	0.17	-0.23	-0.06	3.46e-04	0.20
		2045	6.51	0.18	-5.41	-5.30	0.06	-0.79	0.17	-0.27	-0.03	-0.07	0.22
		2044	6.45	0.13	-5.74	-5.66	0.05	-0.68	0.11	-0.23	-0.04	-0.08	0.17
2245	2	2281	67.00	-0.12	-64.05	-64.05	-0.12	-0.30	0.99	-1.32	-0.34	5.49e-03	1.14
		2282	59.15	-0.14	-56.03	-56.03	-0.14	-0.45	1.26	-1.53	-0.26	2.81e-03	1.39
		2045	36.11	1.42	-26.55	-25.61	0.48	-5.05	1.29	-1.80	-0.13	-0.38	1.54
		2044	35.45	1.11	-28.83	-28.20	0.47	-4.31	0.91	-1.58	-0.17	-0.50	1.23
2245	3	2281	12.09	-0.04	-11.74	-11.74	-0.04	-0.08	0.12	-0.17	-0.05	7.68e-04	0.14
		2282	10.91	-0.05	-10.55	-10.55	-0.05	-0.03	0.15	-0.20	-0.04	3.54e-04	0.17
		2045	5.65	0.18	-4.64	-4.52	0.06	-0.75	0.16	-0.23	-0.02	-0.05	0.19
		2044	5.65	0.13	-4.98	-4.90	0.05	-0.64	0.11	-0.20	-0.03	-0.07	0.15
2245	4	2281	27.43	-0.06	-26.34	-26.34	-0.06	-0.14	0.37	-0.50	-0.13	2.13e-03	0.43



		2282	24.30	-0.07	-23.16	-23.16	-0.07	-0.16	0.48	-0.58	-0.10	1.08e-03	0.53
		2045	14.41	0.55	-10.90	-10.54	0.18	-2.01	0.49	-0.68	-0.05	-0.14	0.58
		2044	14.23	0.42	-11.82	-11.58	0.18	-1.71	0.34	-0.60	-0.07	-0.19	0.47
2246	1	2282	13.90	-0.06	-13.46	-13.46	-0.06	-0.11	0.18	-0.23	-0.05	8.55e-04	0.20
		2283	12.22	-0.06	-11.72	-11.72	-0.06	-0.05	0.21	-0.26	-0.05	-3.66e-04	0.24
		2046	6.66	0.32	-4.98	-4.75	0.08	-1.09	0.22	-0.30	-0.03	-0.05	0.26
		2045	6.63	0.22	-5.47	-5.31	0.06	-0.94	0.17	-0.27	-0.03	-0.07	0.22
2246	2	2282	59.10	-0.11	-55.96	-55.95	-0.11	-0.40	1.28	-1.54	-0.26	4.29e-03	1.40
		2283	49.05	-0.13	-45.65	-45.64	-0.14	-0.55	1.48	-1.65	-0.17	6.90e-04	1.57
		2046	36.90	2.13	-23.91	-22.24	0.46	-6.39	1.58	-1.89	-0.08	-0.22	1.74
		2045	36.74	1.65	-26.84	-25.65	0.46	-5.70	1.27	-1.78	-0.14	-0.38	1.52
2246	3	2282	10.88	-0.04	-10.54	-10.54	-0.04	-0.10	0.16	-0.20	-0.04	6.63e-04	0.18
		2283	9.33	-0.05	-8.95	-8.95	-0.05	-0.05	0.18	-0.22	-0.03	-7.87e-05	0.20
		2046	5.70	0.30	-4.22	-3.99	0.07	-1.00	0.20	-0.25	-0.02	-0.03	0.22
		2045	5.75	0.21	-4.68	-4.53	0.05	-0.87	0.15	-0.23	-0.02	-0.05	0.19
2246	4	2282	24.27	-0.06	-23.13	-23.13	-0.06	-0.18	0.49	-0.58	-0.10	1.68e-03	0.53
		2283	20.23	-0.07	-19.01	-19.00	-0.07	-0.20	0.56	-0.63	-0.07	2.34e-04	0.59
		2046	14.64	0.84	-9.83	-9.17	0.18	-2.57	0.60	-0.72	-0.03	-0.08	0.66
		2045	14.65	0.64	-11.02	-10.55	0.17	-2.28	0.48	-0.68	-0.05	-0.14	0.58
2247	1	2283	12.17	-0.06	-11.71	-11.71	-0.06	-0.13	0.22	-0.26	-0.05	-3.11e-04	0.24
		2284	10.06	-0.07	-9.43	-9.43	-0.07	-0.07	0.25	-0.30	-0.05	-9.92e-04	0.27
		2047	6.87	0.57	-4.44	-3.97	0.11	-1.45	0.26	-0.33	-0.03	-0.05	0.29
		2046	6.80	0.38	-5.06	-4.76	0.07	-1.25	0.22	-0.30	-0.03	-0.05	0.26
2247	2	2283	48.96	-0.09	-45.54	-45.53	-0.10	-0.50	1.50	-1.66	-0.16	-1.90e-03	1.58
		2284	37.33	-0.12	-33.09	-33.08	-0.14	-0.64	1.62	-1.70	-0.08	1.08e-03	1.66
		2047	36.98	3.08	-20.82	-18.10	0.37	-7.58	1.77	-1.88	-0.03	-0.08	1.83
		2046	37.58	2.44	-24.31	-22.30	0.43	-7.06	1.56	-1.87	-0.10	-0.22	1.71
2247	3	2283	9.29	-0.04	-8.94	-8.94	-0.04	-0.11	0.19	-0.22	-0.03	-2.15e-04	0.20
		2284	7.37	-0.05	-6.94	-6.94	-0.05	-0.07	0.20	-0.23	-0.02	-3.74e-04	0.22
		2047	5.72	0.49	-3.72	-3.30	0.07	-1.26	0.22	-0.25	-0.01	-0.02	0.24
		2046	5.80	0.35	-4.28	-4.00	0.06	-1.11	0.19	-0.24	-0.02	-0.03	0.22
2247	4	2283	20.16	-0.05	-18.96	-18.96	-0.06	-0.22	0.57	-0.63	-0.06	-6.86e-04	0.60
		2284	15.38	-0.07	-13.95	-13.94	-0.07	-0.24	0.61	-0.64	-0.03	2.40e-04	0.63
		2047	14.63	1.24	-8.57	-7.48	0.15	-3.08	0.67	-0.71	-0.01	-0.03	0.69
		2046	14.91	0.96	-9.99	-9.19	0.17	-2.84	0.59	-0.71	-0.04	-0.08	0.65
2248	1	2284	10.00	-0.06	-9.43	-9.42	-0.06	-0.15	0.25	-0.30	-0.05	-5.00e-03	0.27
		2285	7.48	-0.08	-6.49	-6.49	-0.08	-0.11	0.28	-0.34	-0.06	6.23e-03	0.31
		2048	7.35	1.02	-3.83	-2.95	0.14	-1.87	0.28	-0.38	-0.03	-0.07	0.33
		2047	7.00	0.66	-4.55	-3.99	0.10	-1.61	0.25	-0.33	-0.03	-0.04	0.29
2248	2	2284	37.39	-0.06	-32.89	-32.88	-0.07	-0.60	1.63	-1.73	-0.07	-0.02	1.68
		2285	26.33	-0.08	-18.97	-18.94	-0.11	-0.66	1.68	-1.68	-0.03	0.03	1.68
		2048	35.93	4.00	-17.18	-13.23	0.06	-8.25	1.83	-1.85	-0.01	-0.01	1.84
		2047	37.68	3.48	-21.36	-18.19	0.31	-8.29	1.74	-1.85	-0.06	-0.05	1.80
2248	3	2284	7.30	-0.04	-6.92	-6.92	-0.04	-0.13	0.21	-0.23	-0.02	-3.41e-03	0.22
		2285	5.13	-0.05	-4.49	-4.49	-0.05	-0.09	0.22	-0.24	-0.02	3.75e-03	0.23
		2048	5.76	0.78	-3.14	-2.43	0.06	-1.51	0.23	-0.27	-0.01	-0.02	0.25
		2047	5.82	0.56	-3.80	-3.31	0.06	-1.38	0.22	-0.25	-0.02	-0.02	0.23
2248	4	2284	15.42	-0.04	-13.87	-13.87	-0.04	-0.26	0.62	-0.65	-0.03	-8.80e-03	0.64
		2285	10.68	-0.05	-8.18	-8.18	-0.06	-0.25	0.63	-0.64	-0.01	0.01	0.63
		2048	14.22	1.66	-7.10	-5.48	0.04	-3.40	0.69	-0.70	-5.66e-03	-4.45e-03	0.70
		2047	14.90	1.39	-8.79	-7.52	0.12	-3.36	0.66	-0.70	-0.03	-0.02	0.68
2249	1	2285	7.44	-0.06	-6.47	-6.47	-0.07	-0.18	0.28	-0.36	-0.07	-6.92e-03	0.32
		2286	4.34	-0.05	-2.80	-2.79	-0.06	-0.17	0.32	-0.31	-0.02	0.04	0.31
		2049	8.09	1.66	-3.21	-1.66	0.12	-2.27	0.34	-0.42	-0.02	-0.06	0.38
		2048	7.57	1.17	-4.00	-2.95	0.12	-2.08	0.25	-0.40	-0.06	-0.08	0.32
2249	2	2285	26.50	-0.01	-18.64	-18.62	-0.03	-0.58	1.68	-1.76	-0.03	-0.05	1.72
		2286	17.72	0.09	-5.12	-5.06	0.03	-0.55	1.69	-1.34	0.21	0.14	1.51
		2049	32.71	4.47	-12.41	-7.50	-0.45	-7.67	1.91	-1.68	0.06	0.17	1.79
		2048	36.83	4.49	-17.90	-13.30	-0.11	-9.05	1.78	-1.85	-0.08	0.01	1.82
2249	3	2285	5.07	-0.04	-4.46	-4.45	-0.04	-0.14	0.22	-0.25	-0.02	-5.52e-03	0.23
		2286	2.95	-0.03	-1.70	-1.69	-0.03	-0.10	0.23	-0.21	1.84e-03	0.02	0.22
		2049	5.75	1.12	-2.48	-1.37	9.84e-03	-1.66	0.26	-0.26	-1.15e-03	-6.49e-03	0.26
		2048	5.91	0.88	-3.27	-2.44	0.04	-1.67	0.22	-0.27	-0.03	-0.02	0.24
2249	4	2285	10.79	-0.02	-8.06	-8.05	-0.03	-0.26	0.64	-0.67	-0.01	-0.02	0.65
		2286	6.88	0.01	-2.39	-2.37	-8.24e-03	-0.22	0.64	-0.51	0.07	0.05	0.58
		2049	13.05	1.95	-5.20	-3.10	-0.16	-3.26	0.72	-0.64	0.02	0.06	0.68
		2048	14.57	1.86	-7.39	-5.50	-0.03	-3.73	0.67	-0.70	-0.04	4.15e-03	0.69
2250	1	2286	4.22	-0.14	-2.44	-2.38	-0.20	-0.37	0.34	-0.20	0.05	0.08	0.27
		2259	3.51	0.93	0.27	0.90	0.29	0.12	0.34	-0.21	0.24	-0.12	0.21
		302	6.93	1.16	-2.94	0.21	-1.99	-1.73	0.65	0.16	0.28	0.53	0.21
		2049	9.40	2.40	-3.66	-1.93	0.67	-2.74	0.34	-0.52	-0.12	-0.06	0.43
2250	2	2286	16.68	-0.21	-4.09	-3.90	-0.39	-0.83	1.76	-0.97	0.49	0.30	1.36
		2259	16.28	4.71	0.95	4.62	1.03	0.57	1.55	-0.88	1.14	-0.47	0.91
		302	24.78	2.30	-8.36	0.05	-6.11	-4.35	2.88	0.68	1.15	2.40	0.90
		2049	36.92	6.67	-13.83	-8.32	1.15	-9.09	1.97	-2.01	-0.25	0.21	1.98
2250	3	2286	2.87	-0.09	-1.46	-1.42	-0.13	-0.25	0.25	-0.13	0.05	0.06	0.19
		2259	2.54	0.79	0.19	0.77	0.21	0.11	0.23	-0.14	0.17	-0.08	0.14



		302	4.64	0.74	-2.03	0.12	-1.41	-1.16	0.44	0.13	0.20	0.36	0.13
		2049	6.60	1.63	-2.79	-1.56	0.40	-1.98	0.24	-0.34	-0.08	-0.02	0.29
2250	4	2286	6.54	-0.11	-1.95	-1.87	-0.19	-0.38	0.67	-0.36	0.18	0.12	0.51
		2259	6.33	1.91	0.39	1.87	0.43	0.25	0.59	-0.34	0.44	-0.19	0.35
		302	9.93	1.08	-3.63	0.07	-2.63	-1.93	1.10	0.28	0.46	0.92	0.34
		2049	14.75	2.89	-5.80	-3.45	0.54	-3.86	0.73	-0.78	-0.12	0.06	0.75
2251	1	2288	12.64	13.00	2.02	2.46	12.56	2.17	0.12	-0.04	-0.02	0.11	-0.04
		1	12.55	13.74	3.45	3.53	13.66	0.92	0.15	-0.09	0.05	6.11e-03	0.12
		35	13.72	12.91	-0.62	-0.45	12.73	1.54	0.67	0.30	0.65	0.31	0.07
		2300	11.73	10.07	-1.46	-1.33	9.93	-1.25	0.17	-0.06	3.18e-03	0.10	-0.10
2251	2	2288	148.62	138.02	20.41	25.76	132.68	24.50	3.77	-3.17	-0.12	0.72	3.44
		1	110.58	92.33	20.08	25.85	86.55	19.59	4.47	-4.44	0.14	-0.11	4.45
		35	129.26	94.91	-5.97	1.75	87.19	26.82	7.47	-2.07	3.72	1.68	4.66
		2300	97.44	77.71	-14.77	-13.75	76.69	-9.67	3.27	-2.88	0.24	0.15	3.08
2251	3	2288	17.38	16.98	2.55	3.18	16.35	2.96	0.30	-0.24	-0.02	0.07	0.27
		1	13.63	13.27	3.19	3.62	12.84	2.04	0.39	-0.36	0.02	9.00e-06	0.37
		35	15.56	13.17	-0.65	-0.01	12.54	2.89	0.72	-0.07	0.43	0.22	0.38
		2300	12.01	10.67	-1.85	-1.71	10.53	-1.32	0.27	-0.17	0.02	0.08	0.22
2251	4	2288	57.77	54.03	8.00	10.08	51.94	9.58	1.41	-1.20	-0.05	0.26	1.30
		1	42.94	36.61	8.06	10.23	34.44	7.57	1.67	-1.65	0.05	-0.03	1.66
		35	50.10	37.52	-2.28	0.64	34.60	10.38	2.75	-0.79	1.34	0.62	1.74
		2300	38.04	30.71	-5.79	-5.38	30.31	-3.82	1.25	-1.07	0.09	0.09	1.16
2252	1	2300	11.90	10.68	0.13	0.13	10.68	-0.02	0.22	2.07e-03	8.00e-03	0.22	-0.04
		35	12.76	12.02	-0.05	-7.46e-03	11.98	0.71	0.71	0.29	0.70	0.31	0.08
		10	13.15	10.54	0.21	0.23	10.52	0.42	1.23	0.37	1.18	0.42	-0.20
		2297	13.83	10.47	-0.12	-0.12	10.47	-0.09	0.58	-0.17	-0.06	0.47	-0.26
2252	2	2300	98.85	84.22	1.76	1.79	84.19	1.46	3.86	-3.37	-0.50	0.99	3.54
		35	115.06	82.61	-4.89	-0.76	78.48	18.54	8.85	-0.87	5.45	2.52	4.64
		10	85.17	64.83	0.76	4.63	60.96	15.26	7.76	0.52	6.27	2.00	2.92
		2297	81.16	60.92	-1.66	-1.65	60.92	-0.25	4.23	-2.33	-0.18	2.07	3.08
2252	3	2300	12.77	11.48	0.19	0.19	11.48	0.11	0.34	-0.22	-0.04	0.16	0.26
		35	13.84	11.78	-0.31	-0.02	11.49	1.84	0.84	0.03	0.58	0.29	0.38
		10	10.56	9.66	0.19	0.41	9.44	1.44	0.81	0.22	0.76	0.27	0.16
		2297	11.59	9.45	-0.18	-0.18	9.45	-0.05	0.37	-0.10	-0.03	0.31	0.16
2252	4	2300	38.68	33.27	0.68	0.68	33.26	0.55	1.45	-1.25	-0.19	0.39	1.32
		35	44.53	32.73	-1.78	-0.24	31.19	7.13	3.27	-0.34	1.99	0.94	1.73
		10	32.87	25.79	0.30	1.72	24.38	5.83	2.83	0.17	2.27	0.74	1.09
		2297	31.90	24.40	-0.63	-0.63	24.40	-0.10	1.59	-0.87	-0.06	0.78	1.16
2253	1	2297	13.38	10.49	-0.05	-0.05	10.49	-0.02	0.49	-0.18	-0.09	0.39	-0.24
		10	13.18	10.55	0.14	0.14	10.55	0.26	1.30	0.40	1.22	0.49	-0.27
		85	13.30	10.42	0.02	0.02	10.42	0.04	1.20	-0.03	0.86	0.31	-0.55
		2308	13.00	10.33	0.02	0.02	10.33	-2.11e-03	0.61	-0.27	9.93e-03	0.33	-0.41
2253	2	2297	74.73	61.46	-0.77	-0.77	61.46	0.36	3.87	-2.22	0.48	1.18	3.02
		10	80.00	62.90	2.39	4.76	60.52	11.75	6.59	0.12	4.83	1.88	2.88
		85	68.91	54.26	-3.47	-2.13	52.92	8.72	6.97	0.92	5.85	2.04	2.35
		2308	63.01	49.38	0.33	0.34	49.38	0.13	2.85	-1.35	-0.18	1.68	1.88
2253	3	2297	10.94	9.50	-0.07	-0.07	9.50	0.02	0.31	-0.07	0.01	0.22	0.16
		10	10.32	9.56	0.23	0.38	9.41	1.17	0.71	0.24	0.66	0.28	0.14
		85	9.87	8.72	-0.18	-0.11	8.64	0.81	0.64	0.24	0.64	0.24	0.02
		2308	9.82	8.36	0.02	0.02	8.36	0.01	0.24	-0.01	-0.01	0.24	0.02
2253	4	2297	29.46	24.61	-0.28	-0.28	24.61	0.13	1.45	-0.82	0.18	0.45	1.13
		10	31.20	25.11	0.86	1.75	24.22	4.57	2.40	0.02	1.73	0.70	1.07
		85	26.88	21.74	-1.25	-0.74	21.23	3.38	2.55	0.32	2.12	0.75	0.88
		2308	25.02	19.93	0.12	0.12	19.93	0.05	1.07	-0.50	-0.07	0.64	0.70
2254	1	2308	12.45	10.28	0.02	0.02	10.28	-0.05	0.61	-0.24	0.10	0.27	-0.42
		85	12.70	10.52	0.09	0.09	10.51	0.15	1.05	-0.08	0.68	0.29	-0.53
		9	12.64	9.85	0.12	0.12	9.85	-0.11	1.18	-0.10	0.79	0.29	-0.59
		2296	13.93	10.67	-0.06	-0.06	10.67	-0.07	0.75	-0.55	-0.03	0.23	-0.64
2254	2	2308	64.38	49.62	0.71	0.71	49.62	0.22	2.68	-2.09	-0.84	1.42	2.10
		85	75.13	55.10	-5.43	-3.15	52.82	11.53	7.98	2.15	7.02	3.11	2.16
		9	50.93	44.55	2.34	4.97	41.93	10.19	4.48	0.67	4.14	1.01	1.08
		2296	47.61	38.46	-1.01	-1.01	38.46	-0.10	2.47	-0.72	0.52	1.23	1.56
2254	3	2308	9.66	8.37	0.05	0.05	8.37	-4.86e-03	0.21	-0.04	-0.04	0.20	0.04
		85	9.76	8.79	-0.30	-0.17	8.66	1.07	0.68	0.32	0.68	0.32	0.01
		9	8.49	7.59	0.29	0.39	7.49	0.84	0.51	0.13	0.48	0.15	-0.09
		2296	8.56	7.52	-0.09	-0.09	7.52	-0.03	0.20	7.70e-03	0.03	0.18	-0.06
2254	4	2308	25.50	20.02	0.26	0.26	20.02	0.08	1.00	-0.78	-0.32	0.54	0.78
		85	29.22	22.05	-1.98	-1.14	21.20	4.44	2.93	0.79	2.56	1.16	0.81
		9	19.90	17.94	0.89	1.83	17.00	3.89	1.61	0.23	1.48	0.36	0.40
		2296	19.18	15.76	-0.37	-0.37	15.76	-0.04	0.93	-0.27	0.20	0.47	0.58
2255	1	2296	14.01	10.69	-0.04	-0.04	10.69	-7.86e-03	0.68	-0.57	-0.13	0.24	-0.59
		9	13.28	9.91	-0.01	-5.15e-03	9.91	-0.23	1.44	2.82e-03	1.01	0.43	-0.66
		67	13.37	10.21	-0.07	-0.07	10.21	-0.12	1.10	-0.51	0.40	0.18	-0.80
		2306	12.46	10.81	0.04	0.04	10.81	0.01	0.60	-0.53	0.02	0.05	-0.56
2255	2	2296	44.61	38.53	-1.02	-1.02	38.53	0.14	2.19	-0.57	0.74	0.88	1.37
		9	49.18	42.79	4.40	5.36	41.84	5.98	4.24	0.69	3.66	1.27	1.31
		67	54.74	37.93	-4.49	-3.95	37.39	4.77	5.96	1.89	5.70	2.15	0.99



		2306	40.99	32.57	0.75	0.75	32.57	-0.08	1.30	-0.72	-0.54	1.12	0.58
2255	3	2296	8.42	7.53	-0.09	-0.09	7.53	7.28e-03	0.18	-9.09e-03	0.02	0.15	-0.07
		9	8.08	7.54	0.35	0.39	7.50	0.53	0.54	0.19	0.51	0.22	-0.09
		67	8.38	7.18	-0.31	-0.28	7.15	0.42	0.56	0.14	0.49	0.21	-0.15
		2306	7.84	6.98	0.06	0.06	6.98	2.25e-03	0.18	-0.10	-0.04	0.11	-0.12
2255	4	2296	18.01	15.78	-0.38	-0.38	15.78	0.05	0.82	-0.21	0.28	0.33	0.51
		9	19.45	17.33	1.61	1.98	16.96	2.37	1.52	0.24	1.29	0.47	0.49
		67	21.12	15.42	-1.64	-1.44	15.21	1.87	2.17	0.69	2.06	0.79	0.38
		2306	16.64	13.43	0.27	0.27	13.43	-0.03	0.50	-0.27	-0.20	0.43	0.22
2256	1	2306	12.81	10.71	0.04	0.04	10.71	-0.03	0.65	-0.51	0.17	-0.02	-0.58
		67	13.37	10.37	0.04	0.04	10.37	-0.08	0.87	-0.65	0.11	0.11	-0.76
		8	11.15	9.71	0.04	0.04	9.71	-0.08	0.71	-0.31	0.27	0.13	-0.51
		2295	13.24	11.25	-0.05	-0.05	11.25	-0.09	0.50	-0.68	-0.05	-0.12	-0.59
2256	2	2306	41.92	32.72	0.86	0.86	32.72	0.11	1.32	-1.29	-0.90	0.93	0.93
		67	55.91	38.83	-5.93	-4.42	37.33	8.08	6.52	2.73	6.38	2.87	0.72
		8	35.40	31.16	2.88	5.25	28.79	7.83	2.91	0.50	2.90	0.52	0.19
		2295	27.62	24.90	-1.02	-1.01	24.90	-0.13	1.31	0.02	0.74	0.59	0.64
2256	3	2306	7.52	6.97	0.07	0.07	6.97	-7.00e-03	0.13	-0.09	-0.02	0.07	-0.10
		67	8.25	7.26	-0.36	-0.29	7.20	0.69	0.56	0.16	0.47	0.25	-0.17
		8	6.91	6.31	0.32	0.39	6.24	0.64	0.31	-0.01	0.23	0.06	-0.14
		2295	6.64	6.46	-0.09	-0.09	6.46	-0.04	0.15	-0.09	0.04	0.02	-0.12
2256	4	2306	16.96	13.49	0.32	0.32	13.49	0.04	0.50	-0.48	-0.34	0.36	0.35
		67	21.49	15.74	-2.17	-1.62	15.18	3.11	2.38	1.01	2.33	1.07	0.27
		8	14.10	12.73	1.11	1.94	11.90	2.99	1.02	0.17	1.01	0.18	0.07
		2295	11.56	10.50	-0.38	-0.38	10.50	-0.05	0.50	0.01	0.28	0.23	0.24
2257	1	2295	12.72	11.28	-0.03	-0.03	11.28	0.02	0.38	-0.64	-0.15	-0.11	-0.51
		8	12.38	9.77	-0.10	-0.09	9.76	-0.32	1.00	-0.24	0.49	0.28	-0.61
		72	11.68	10.23	-0.13	-0.13	10.23	0.06	0.36	-0.52	-0.16	2.25e-03	-0.43
		2307	13.26	11.22	0.06	0.06	11.22	0.02	0.25	-0.41	0.09	-0.25	-0.28
2257	2	2295	26.94	24.89	-1.02	-1.02	24.89	0.08	1.08	0.08	0.85	0.31	0.42
		8	31.41	29.19	5.07	5.47	28.79	3.11	2.80	0.71	2.67	0.83	0.49
		72	45.79	26.36	-4.92	-4.67	26.11	2.80	5.55	2.07	5.49	2.13	0.45
		2307	28.03	21.83	0.87	0.87	21.83	-0.17	0.73	-0.69	-0.69	0.73	-2.92e-03
2257	3	2295	6.71	6.46	-0.09	-0.09	6.46	0.01	0.13	-0.11	0.02	-2.96e-03	-0.12
		8	6.45	6.27	0.37	0.38	6.26	0.25	0.36	0.05	0.28	0.14	-0.14
		72	6.77	6.14	-0.38	-0.37	6.12	0.30	0.35	0.11	0.31	0.15	-0.09
		2307	6.19	6.11	0.08	0.08	6.11	-4.45e-03	0.07	-0.10	-0.03	-3.80e-03	-0.08
2257	4	2295	11.20	10.49	-0.38	-0.38	10.49	0.03	0.41	0.03	0.32	0.12	0.16
		8	12.60	12.05	1.87	2.02	11.90	1.26	0.98	0.25	0.93	0.30	0.19
		72	17.53	10.92	-1.81	-1.71	10.83	1.11	2.01	0.75	1.99	0.78	0.17
		2307	11.65	9.26	0.32	0.32	9.26	-0.06	0.29	-0.26	-0.26	0.29	1.33e-03
2258	1	2307	13.79	11.14	0.07	0.07	11.14	-0.02	0.31	-0.45	0.16	-0.30	-0.30
		72	12.11	10.35	-0.10	-0.10	10.35	0.04	0.25	-0.57	-0.31	1.07e-03	-0.38
		7	9.66	9.44	3.33e-04	0.01	9.43	0.35	0.08	0.04	0.05	0.06	0.02
		2294	12.97	11.38	-0.06	-0.05	11.38	-0.09	-0.08	-0.34	-0.11	-0.31	-0.08
2258	2	2307	28.36	21.97	0.92	0.92	21.97	0.08	0.67	-1.01	-0.92	0.58	0.38
		72	47.38	27.22	-6.14	-4.93	26.01	6.23	5.96	2.67	5.96	2.68	0.14
		7	26.72	21.68	2.67	5.26	19.09	6.52	2.48	0.32	2.47	0.33	-0.15
		2294	17.80	15.73	-0.99	-0.99	15.73	-0.10	0.91	0.19	0.80	0.30	0.25
2258	3	2307	6.23	6.10	0.09	0.09	6.10	-4.10e-03	0.03	-0.09	-0.03	-0.04	-0.06
		72	6.76	6.19	-0.43	-0.38	6.15	0.56	0.37	0.15	0.31	0.21	-0.10
		7	5.45	5.35	0.30	0.39	5.26	0.65	0.14	0.03	0.14	0.03	-6.00e-03
		2294	6.14	5.65	-0.09	-0.09	5.65	-0.03	0.03	-0.06	0.03	-0.06	1.52e-03
2258	4	2307	11.75	9.31	0.34	0.34	9.31	0.03	0.26	-0.38	-0.35	0.23	0.14
		72	18.08	11.23	-2.25	-1.81	10.79	2.39	2.17	1.00	2.17	1.00	0.06
		7	10.65	9.00	1.07	1.94	8.13	2.48	0.86	0.10	0.85	0.11	-0.06
		2294	7.61	6.94	-0.37	-0.37	6.94	-0.04	0.35	0.08	0.30	0.12	0.10
2259	1	2294	13.16	11.39	-0.05	-0.05	11.39	0.07	-0.11	-0.35	-0.12	-0.35	0.02
		7	10.14	9.44	5.27e-03	5.40e-03	9.44	-0.03	0.22	-0.01	0.07	0.14	-0.11
		44	11.53	9.85	-0.17	-0.16	9.84	0.35	0.10	-0.61	-0.42	-0.09	0.32
		2302	13.63	10.90	0.08	0.08	10.90	1.45e-04	0.28	-0.44	0.17	-0.33	0.26
2259	2	2294	19.23	15.67	-1.00	-1.00	15.67	0.08	0.88	0.06	0.88	0.06	0.03
		7	21.75	19.32	5.23	5.44	19.12	1.68	2.32	0.60	2.30	0.62	0.16
		44	40.41	17.62	-4.99	-4.86	17.49	1.72	5.50	2.09	5.49	2.11	0.22
		2302	19.94	14.02	0.89	0.89	14.02	-0.20	0.67	-0.79	-0.73	0.61	-0.29
2259	3	2294	6.37	5.65	-0.09	-0.09	5.65	0.02	0.04	-0.09	0.04	-0.09	0.01
		7	5.28	5.28	0.40	0.40	5.27	0.20	0.13	0.07	0.12	0.08	-0.02
		44	5.76	5.22	-0.41	-0.39	5.21	0.28	0.31	0.04	0.23	0.12	0.12
		2302	5.51	5.31	0.09	0.09	5.31	-0.01	0.04	-0.08	-6.14e-03	-0.04	0.06
2259	4	2294	8.19	6.92	-0.37	-0.37	6.92	0.03	0.33	0.03	0.33	0.03	0.01
		7	8.65	8.22	1.93	2.01	8.14	0.70	0.79	0.22	0.78	0.22	0.06
		44	15.30	7.53	-1.84	-1.79	7.47	0.69	1.99	0.77	1.98	0.77	0.09
		2302	8.48	6.23	0.33	0.33	6.23	-0.07	0.26	-0.29	-0.27	0.24	-0.10
2260	1	2302	13.45	10.95	0.09	0.09	10.95	-0.03	0.20	-0.45	0.09	-0.34	0.24
		44	11.84	9.80	-0.24	-0.23	9.79	0.33	0.29	-0.49	-0.24	0.05	0.37
		6	11.77	8.72	-0.16	-0.07	8.63	0.88	0.84	-0.39	0.31	0.14	0.61
		2293	12.77	10.67	-0.04	-0.04	10.67	-0.06	0.36	-0.72	-0.16	-0.20	0.54



2260	2	2302	19.92	14.16	0.92	0.92	14.15	0.09	0.50	-0.94	-0.93	0.50	0.10
		44	42.64	18.46	-6.18	-5.06	17.34	5.14	5.91	2.57	5.90	2.58	-0.11
		6	22.07	14.87	2.06	5.27	11.66	5.55	2.64	0.26	2.57	0.33	-0.41
		2293	11.21	8.83	-0.97	-0.97	8.83	-0.07	0.81	0.29	0.81	0.29	-0.03
2260	3	2302	5.54	5.34	0.09	0.09	5.34	-6.85e-03	0.03	-0.13	-0.05	-0.05	0.08
		44	6.18	5.23	-0.49	-0.44	5.18	0.54	0.39	0.15	0.33	0.21	0.11
		6	4.96	4.46	0.24	0.37	4.34	0.72	0.31	-0.04	0.22	0.05	0.15
		2293	5.38	4.82	-0.08	-0.08	4.82	-0.02	0.16	-0.17	0.02	-0.03	0.17
2260	4	2302	8.49	6.29	0.34	0.34	6.29	0.03	0.20	-0.36	-0.35	0.19	0.04
		44	16.10	7.82	-2.27	-1.87	7.42	1.97	2.15	0.96	2.15	0.96	-0.03
		6	8.66	6.26	0.92	1.95	5.23	2.10	0.91	0.08	0.89	0.11	-0.15
		2293	5.03	4.27	-0.36	-0.36	4.27	-0.02	0.30	0.12	0.30	0.12	-1.98e-03
2261	1	2293	13.83	10.63	-0.06	-0.06	10.63	0.09	0.48	-0.82	-0.05	-0.29	0.64
		6	10.87	8.63	0.06	0.09	8.60	0.51	0.58	-0.40	0.07	0.12	0.49
		58	14.01	8.67	-0.16	-0.11	8.62	0.71	0.80	-1.03	-0.18	-0.04	0.91
		2304	13.13	9.64	0.07	0.07	9.64	-7.68e-03	0.73	-0.66	0.21	-0.13	0.67
2261	2	2293	12.85	8.73	-0.98	-0.98	8.73	0.08	0.95	3.21e-03	0.87	0.08	-0.26
		6	18.00	11.80	5.34	5.42	11.72	0.75	2.42	0.56	2.41	0.56	-0.09
		58	38.24	10.86	-4.76	-4.73	10.83	0.71	5.74	2.15	5.74	2.15	-0.14
		2304	16.12	8.21	0.86	0.87	8.20	-0.24	0.94	-0.99	-0.74	0.68	-0.65
2261	3	2293	5.76	4.80	-0.09	-0.09	4.80	0.03	0.18	-0.20	0.06	-0.08	0.18
		6	4.71	4.35	0.41	0.43	4.33	0.27	0.24	-0.05	0.13	0.07	0.14
		58	5.59	4.24	-0.40	-0.38	4.22	0.30	0.52	-0.06	0.32	0.14	0.27
		2304	4.76	4.41	0.09	0.09	4.41	-0.02	0.17	-0.14	5.84e-03	0.02	0.16
2261	4	2293	5.67	4.23	-0.36	-0.36	4.23	0.03	0.35	7.67e-03	0.33	0.03	-0.09
		6	6.72	5.29	1.98	2.01	5.26	0.34	0.82	0.20	0.82	0.20	-0.03
		58	14.29	4.89	-1.76	-1.74	4.88	0.30	2.07	0.79	2.07	0.79	-0.04
		2304	6.86	3.99	0.32	0.32	3.98	-0.09	0.35	-0.36	-0.28	0.26	-0.24
2262	1	2304	12.45	9.81	0.08	0.08	9.81	-0.04	0.60	-0.73	-0.03	-0.11	0.66
		58	14.41	8.47	-0.36	-0.30	8.41	0.75	1.22	-0.68	0.30	0.23	0.95
		5	13.53	7.35	-0.31	-0.08	7.13	1.29	1.45	-0.34	0.81	0.29	0.85
		2292	13.45	8.92	-0.02	-0.02	8.92	-3.24e-03	0.85	-0.87	-0.15	0.12	0.85
2262	2	2304	15.06	8.36	0.85	0.85	8.36	0.07	0.66	-0.94	-0.89	0.62	-0.27
		58	40.99	11.61	-5.82	-4.83	10.62	4.04	6.13	2.45	6.08	2.50	-0.46
		5	22.55	9.92	1.45	5.15	6.22	4.20	3.33	0.18	3.04	0.47	-0.92
		2292	8.83	4.28	-0.94	-0.94	4.28	-0.06	1.24	0.03	0.79	0.48	-0.59
2262	3	2304	5.17	4.48	0.09	0.09	4.48	-0.01	0.16	-0.22	-0.08	0.02	0.18
		58	6.15	4.21	-0.52	-0.45	4.14	0.58	0.67	0.10	0.50	0.26	0.26
		5	4.80	3.53	0.18	0.35	3.36	0.74	0.49	0.01	0.40	0.10	0.19
		2292	4.91	3.88	-0.08	-0.08	3.88	-6.05e-03	0.27	-0.17	0.02	0.08	0.22
2262	4	2304	6.56	4.05	0.32	0.32	4.05	0.02	0.25	-0.35	-0.34	0.24	-0.09
		58	15.32	5.14	-2.14	-1.79	4.80	1.55	2.23	0.91	2.21	0.93	-0.16
		5	8.54	4.21	0.79	1.90	3.09	1.60	1.17	0.05	1.06	0.16	-0.33
		2292	3.83	2.50	-0.35	-0.35	2.50	-0.02	0.45	0.03	0.30	0.19	-0.20
2263	1	2292	13.03	8.86	-0.05	-0.05	8.86	0.07	0.91	-0.89	0.01	8.14e-03	0.90
		5	12.35	7.24	0.01	0.17	7.08	1.04	1.11	-0.46	0.44	0.22	0.78
		66	13.34	6.71	-0.20	-0.06	6.57	0.99	1.21	-0.73	0.37	0.11	0.96
		2305	10.77	7.52	0.04	0.04	7.52	-4.00e-03	0.86	-0.51	0.18	0.17	0.69
2263	2	2292	10.92	4.15	-0.91	-0.91	4.15	0.06	1.39	-0.30	0.75	0.34	-0.81
		5	21.45	6.39	5.10	5.18	6.32	-0.31	3.19	0.54	3.04	0.69	-0.61
		66	38.75	6.11	-4.23	-4.20	6.08	-0.58	6.32	1.99	6.09	2.22	-0.97
		2305	18.99	5.18	0.75	0.77	5.15	-0.33	1.61	-1.47	-0.71	0.85	-1.33
2263	3	2292	4.53	3.85	-0.08	-0.08	3.85	0.02	0.27	-0.17	0.07	0.03	0.22
		5	4.33	3.39	0.40	0.44	3.35	0.34	0.41	-0.02	0.28	0.11	0.19
		66	5.09	3.15	-0.35	-0.33	3.13	0.29	0.63	0.07	0.51	0.19	0.23
		2305	4.36	3.48	0.07	0.07	3.48	-0.03	0.19	-0.07	-2.96e-03	0.13	0.11
2263	4	2292	4.48	2.45	-0.34	-0.34	2.45	0.02	0.51	-0.10	0.29	0.12	-0.29
		5	7.52	3.13	1.92	1.92	3.13	-0.06	1.11	0.19	1.05	0.25	-0.22
		66	14.33	2.99	-1.56	-1.56	2.98	-0.17	2.29	0.73	2.21	0.81	-0.34
		2305	7.61	2.79	0.28	0.29	2.78	-0.12	0.60	-0.54	-0.27	0.33	-0.48
2264	1	2305	11.64	7.70	0.07	0.07	7.70	-0.03	0.75	-0.66	-0.11	0.20	0.69
		66	14.35	6.51	-0.49	-0.31	6.33	1.13	1.69	-0.34	0.94	0.42	0.98
		4	11.28	5.40	-0.31	0.07	5.02	1.42	1.49	0.05	1.17	0.38	0.60
		2291	11.44	6.42	-0.04	-0.04	6.42	0.02	0.86	-0.55	-0.09	0.40	0.66
2264	2	2305	16.26	5.34	0.69	0.69	5.34	-0.04	1.31	-1.21	-0.73	0.82	-1.00
		66	41.22	6.37	-4.55	-4.02	5.84	2.34	6.53	1.97	6.16	2.33	-1.24
		4	28.45	6.00	1.31	4.41	2.90	2.22	4.52	-0.18	3.63	0.71	-1.84
		2291	17.88	3.44	-0.79	-0.79	3.43	-0.11	2.28	-0.88	0.72	0.69	-1.58
2264	3	2305	4.81	3.55	0.07	0.07	3.55	-0.02	0.19	-0.16	-0.10	0.13	0.14
		66	5.46	3.13	-0.49	-0.40	3.03	0.57	0.79	0.21	0.70	0.30	0.21
		4	3.96	2.53	0.14	0.34	2.34	0.65	0.56	0.14	0.55	0.14	0.05
		2291	4.12	2.99	-0.07	-0.07	2.99	-3.48e-03	0.23	-0.01	0.03	0.18	0.10
2264	4	2305	6.72	2.85	0.26	0.26	2.85	-0.02	0.48	-0.45	-0.28	0.31	-0.36
		66	15.30	3.08	-1.69	-1.50	2.89	0.93	2.38	0.74	2.25	0.87	-0.44
		4	10.57	2.56	0.77	1.62	1.71	0.89	1.61	-0.09	1.28	0.24	-0.68
		2291	6.81	2.10	-0.29	-0.29	2.10	-0.04	0.84	-0.30	0.27	0.27	-0.57
2265	1	2291	10.65	6.37	-0.05	-0.05	6.37	0.04	0.84	-0.51	0.03	0.29	0.66



		4	10.40	5.29	-0.04	0.26	4.99	1.23	1.25	-0.04	0.88	0.34	0.59
		53	8.51	4.31	-0.39	-0.12	4.04	1.09	1.08	-0.03	0.82	0.23	0.47
		2303	7.75	5.07	0.04	0.04	5.07	-0.01	0.58	-0.17	0.07	0.34	0.35
2265	2	2291	19.90	3.33	-0.73	-0.73	3.33	-0.03	2.38	-1.24	0.49	0.66	-1.81
		4	31.42	5.19	2.05	4.16	3.07	-1.48	4.71	0.36	4.05	1.02	-1.56
		53	41.95	3.47	-3.72	-3.39	3.14	-1.51	7.15	1.03	6.05	2.13	-2.35
		2303	26.39	5.92	0.62	0.65	5.89	-0.39	2.28	-2.29	-0.74	0.73	-2.17
2265	3	2291	3.74	2.96	-0.07	-0.07	2.96	5.42e-03	0.18	0.01	0.06	0.14	0.07
		4	3.56	2.40	0.33	0.38	2.34	0.33	0.50	0.15	0.49	0.16	0.07
		53	4.60	2.01	-0.34	-0.30	1.97	0.30	0.65	0.21	0.64	0.22	-0.02
		2303	3.82	2.70	0.06	0.06	2.70	-0.04	0.18	-0.05	-0.03	0.17	-0.05
2265	4	2291	7.56	2.06	-0.27	-0.27	2.06	-0.02	0.87	-0.44	0.19	0.24	-0.66
		4	11.07	2.14	1.17	1.54	1.78	-0.47	1.67	0.12	1.43	0.37	-0.57
		53	15.47	1.78	-1.34	-1.27	1.71	-0.47	2.60	0.38	2.20	0.78	-0.85
		2303	10.14	2.95	0.23	0.24	2.94	-0.15	0.85	-0.84	-0.27	0.28	-0.80
2266	1	2303	8.23	5.19	0.06	0.06	5.19	-0.03	0.53	-0.29	-0.09	0.33	0.36
		53	9.78	4.27	-0.62	-0.26	3.91	1.27	1.38	0.20	1.13	0.45	0.48
		3	6.81	3.20	-0.62	0.06	2.52	1.46	1.07	0.27	1.05	0.28	0.11
		2290	6.52	3.82	-0.03	-0.03	3.82	0.01	0.47	-0.10	-0.01	0.38	0.20
2266	2	2303	23.08	6.07	0.37	0.38	6.06	-0.24	2.20	-1.78	-0.23	0.64	-1.94
		53	40.64	3.10	-2.46	-2.40	3.05	0.56	6.50	0.45	5.18	1.77	-2.50
		3	34.06	2.45	0.74	1.78	1.41	0.83	5.08	-0.91	3.44	0.72	-2.67
		2290	27.51	6.01	-0.34	-0.34	6.00	-0.02	2.94	-2.20	0.48	0.26	-2.56
2266	3	2303	3.84	2.75	0.05	0.05	2.75	-0.04	0.16	-0.06	-0.05	0.15	-0.03
		53	4.73	2.04	-0.39	-0.28	1.92	0.52	0.70	0.27	0.69	0.27	-0.03
		3	4.36	1.54	-0.19	0.11	1.24	0.65	0.58	0.06	0.52	0.12	-0.16
		2290	3.32	2.23	-0.03	-0.03	2.23	4.66e-03	0.23	-0.04	0.04	0.16	-0.12
2266	4	2303	8.92	3.02	0.14	0.15	3.01	-0.10	0.81	-0.66	-0.09	0.25	-0.71
		53	15.07	1.70	-0.95	-0.91	1.66	0.31	2.38	0.18	1.89	0.67	-0.91
		3	12.84	1.25	0.28	0.62	0.91	0.47	1.84	-0.36	1.23	0.25	-0.99
		2290	10.32	2.87	-0.12	-0.12	2.87	-4.93e-03	1.09	-0.79	0.18	0.12	-0.94
2267	1	2290	6.00	3.86	-3.24e-03	-3.22e-03	3.86	-9.77e-03	0.37	-0.13	-0.04	0.28	0.19
		3	6.93	3.05	-0.53	0.04	2.47	1.32	1.10	0.42	1.08	0.44	0.12
		41	5.88	2.30	-1.34	-0.42	1.38	1.58	0.60	0.07	0.58	0.09	-0.11
		2301	3.36	2.13	9.80e-03	0.02	2.12	0.14	0.20	-0.05	-0.02	0.17	0.08
2267	2	2290	28.64	6.15	-0.17	-0.17	6.15	-0.13	2.71	-2.54	-0.11	0.29	-2.62
		3	37.81	2.09	0.52	1.02	1.59	-0.73	6.11	0.10	4.64	1.57	-2.59
		41	41.42	1.85	-3.18	-2.85	1.53	1.24	5.83	-0.86	3.91	1.07	-3.03
		2301	23.80	5.71	0.36	0.37	5.70	0.27	1.49	-2.73	-0.63	-0.61	-2.11
2267	3	2290	3.32	2.26	-2.80e-03	-2.67e-03	2.26	-0.02	0.20	-0.10	-0.02	0.11	-0.14
		3	4.30	1.42	-0.14	0.04	1.24	0.51	0.67	0.20	0.62	0.25	-0.15
		41	5.16	1.17	-0.81	-0.39	0.75	0.81	0.57	-0.05	0.43	0.09	-0.26
		2301	2.23	1.45	0.03	0.03	1.45	0.08	0.14	-0.16	-0.05	0.03	-0.14
2267	4	2290	10.80	2.94	-0.05	-0.05	2.94	-0.05	1.01	-0.93	-0.04	0.11	-0.97
		3	13.52	0.99	0.32	0.33	0.98	-0.10	2.23	0.03	1.67	0.59	-0.95
		41	15.72	1.03	-1.35	-1.11	0.80	0.71	2.14	-0.34	1.42	0.37	-1.12
		2301	9.03	2.51	0.13	0.14	2.51	0.12	0.57	-1.01	-0.23	-0.20	-0.79
2268	1	2301	3.69	1.97	0.28	0.29	1.96	0.13	0.19	-0.32	0.04	-0.17	0.23
		41	5.27	2.66	-1.79	-0.68	1.55	1.93	0.49	0.26	0.37	0.37	-0.12
		2	4.46	2.42	-1.02	0.97	0.43	1.70	-0.06	-0.40	-0.08	-0.37	-0.08
		2289	3.54	-0.30	-0.66	-0.49	-0.46	0.18	0.54	0.01	0.03	0.52	-0.10
2268	2	2301	21.56	5.19	0.83	0.85	5.18	0.27	1.50	-2.13	0.39	-1.02	-1.67
		41	43.59	3.34	-4.23	-2.93	2.04	2.85	5.60	-1.33	2.46	1.80	-3.45
		2	16.57	4.87	-0.84	2.91	1.12	2.71	0.02	-2.07	-0.45	-1.60	-0.87
		2289	25.70	0.90	-1.52	-1.29	0.67	0.71	-1.53	-4.64	-1.58	-4.59	-0.38
2268	3	2301	2.18	1.35	0.19	0.20	1.34	0.08	0.06	-0.13	0.04	-0.11	-0.06
		41	5.32	1.44	-1.14	-0.56	0.86	1.08	0.57	-0.02	0.28	0.27	-0.30
		2	3.13	1.51	-0.54	0.67	0.29	1.01	-0.02	-0.30	-0.05	-0.26	-0.09
		2289	1.39	-0.05	-0.39	-0.32	-0.12	0.14	-0.08	-0.25	-0.13	-0.20	-0.08
2268	4	2301	8.23	2.30	0.36	0.37	2.29	0.13	0.57	-0.79	0.14	-0.36	-0.63
		41	16.69	1.64	-1.87	-1.23	1.00	1.35	2.08	-0.49	0.89	0.69	-1.28
		2	6.72	2.23	-0.49	1.25	0.50	1.31	1.51e-03	-0.79	-0.16	-0.63	-0.32
		2289	9.61	0.31	-0.66	-0.56	0.21	0.29	-0.58	-1.74	-0.61	-1.72	-0.16
2269	1	2289	7.72	1.11	-0.24	-0.19	1.06	0.26	1.02	-0.22	-0.12	0.92	-0.33
		2	4.75	0.42	-1.71	0.42	-1.71	0.03	0.44	-0.18	0.36	-0.10	-0.21
		90	5.86	0.17	-0.28	0.14	-0.25	-0.13	0.80	-0.24	0.29	0.26	-0.52
		2309	5.66	0.24	0.07	0.11	0.20	0.07	0.35	-0.69	-0.11	-0.23	-0.52
2269	2	2289	27.05	6.13	-0.30	-0.29	6.12	-0.25	-1.91	-4.25	-2.20	-3.96	-0.78
		2	14.42	2.25	-5.67	1.32	-4.75	-2.55	1.21	-0.28	1.17	-0.24	-0.24
		90	10.71	-1.29	-5.47	-5.36	-1.40	0.67	1.48	0.44	0.98	0.95	0.52
		2309	8.30	5.53	0.70	0.74	5.49	0.45	0.49	-0.74	-0.06	-0.19	0.61
2269	3	2289	2.83	0.98	-0.13	-0.12	0.97	0.10	0.10	-0.34	-0.25	-2.10e-03	-0.18
		2	3.24	0.35	-1.20	0.33	-1.18	-0.19	0.26	-0.11	0.24	-0.09	-0.09
		90	2.08	-0.22	-0.38	-0.37	-0.22	-0.02	0.34	0.05	0.19	0.20	-0.15
		2309	1.82	0.53	0.11	0.12	0.52	0.06	0.06	-0.21	-0.05	-0.10	-0.14
2269	4	2289	10.19	2.47	-0.15	-0.15	2.47	-0.05	-0.72	-1.59	-0.86	-1.45	-0.32
		2	6.09	0.90	-2.38	0.59	-2.08	-0.95	0.49	-0.15	0.48	-0.13	-0.10



		90	4.10	-0.53	-2.03	-2.00	-0.56	0.21	0.56	0.24	0.40	0.40	0.16
		2309	2.98	2.11	0.29	0.31	2.09	0.17	0.14	-0.26	-0.03	-0.09	0.20
2270	1	2309	5.16	0.21	-0.22	-0.19	0.19	0.10	0.53	-0.42	0.02	0.09	-0.48
		90	6.51	0.58	-0.51	0.51	-0.43	-0.27	0.61	-0.51	0.14	-0.04	-0.56
		12	2.51	0.56	-0.45	-0.37	0.48	-0.26	0.18	-0.15	-0.07	0.10	-0.14
		2090	9.31	0.30	-0.01	0.29	-7.99e-03	-0.04	-0.33	-1.67	-0.34	-1.67	-0.09
2270	2	2309	8.40	6.04	-0.75	-0.60	5.88	1.01	0.24	-0.68	-0.18	-0.26	0.46
		90	9.30	-1.31	-5.54	-5.50	-1.36	0.44	0.67	-0.43	0.51	-0.28	0.38
		12	30.27	8.48	-14.04	-7.35	1.79	10.29	1.21	-0.85	-0.20	0.56	0.96
		2090	17.13	3.88	-3.50	3.32	-2.94	1.95	0.94	-1.13	0.74	-0.93	0.61
2270	3	2309	1.67	0.55	-0.15	-0.13	0.53	0.11	0.15	-0.13	-3.02e-03	0.02	-0.14
		90	2.10	-0.17	-0.37	-0.23	-0.31	-0.09	0.19	-0.18	0.08	-0.07	-0.17
		12	2.41	0.73	-1.15	-0.79	0.36	0.75	0.11	-0.07	-0.06	0.11	0.02
		2090	4.27	0.43	-0.29	0.41	-0.27	0.12	-0.02	-0.64	-0.02	-0.64	9.10e-03
2270	4	2309	3.00	2.28	-0.31	-0.25	2.22	0.38	0.07	-0.21	-0.06	-0.08	0.14
		90	3.40	-0.57	-2.02	-2.00	-0.58	0.12	0.23	-0.17	0.19	-0.13	0.11
		12	11.44	3.22	-5.32	-2.85	0.75	3.87	0.46	-0.32	-0.10	0.24	0.35
		2090	6.82	1.50	-1.33	1.31	-1.14	0.71	0.36	-0.48	0.30	-0.42	0.21
2271	1	2090	1.84	0.21	-1.06	0.03	-0.88	-0.44	0.27	0.11	0.27	0.11	0.02
		12	2.88	1.43	-0.47	-0.12	1.08	-0.74	-0.15	-0.37	-0.27	-0.25	-0.11
		29	3.81	-0.12	-2.36	-2.34	-0.14	-0.20	0.07	-0.24	-0.19	0.03	-0.10
		2299	0.81	0.15	0.10	0.11	0.15	-0.02	0.10	-0.05	0.07	-0.03	0.05
2271	2	2090	20.25	3.79	-6.48	2.87	-5.56	-2.93	2.73	1.10	1.85	1.98	0.81
		12	29.09	10.21	-12.40	-5.96	3.76	-10.21	0.70	-1.44	-0.62	-0.12	1.04
		29	24.72	-0.07	-20.98	-20.96	-0.09	-0.57	1.01	-0.59	0.37	0.05	0.78
		2299	6.11	1.20	0.16	0.69	0.68	-0.52	0.74	-0.30	0.57	-0.13	0.38
2271	3	2090	2.44	0.44	-1.03	0.27	-0.86	-0.47	0.32	0.16	0.27	0.21	0.08
		12	2.71	1.46	-1.23	-0.57	0.80	-1.16	-0.12	-0.19	-0.18	-0.13	0.03
		29	3.22	-0.06	-2.82	-2.82	-0.07	-0.13	0.02	-0.06	-0.06	0.02	7.34e-03
		2299	0.89	0.17	0.04	0.08	0.13	-0.06	0.10	-0.05	0.08	-0.02	0.06
2271	4	2090	7.93	1.50	-2.63	1.11	-2.24	-1.21	1.06	0.44	0.74	0.76	0.31
		12	11.00	4.07	-4.77	-2.30	1.60	-3.96	0.19	-0.57	-0.28	-0.10	0.37
		29	9.42	-0.04	-8.34	-8.33	-0.05	-0.23	0.34	-0.21	0.10	0.03	0.27
		2299	2.46	0.48	0.06	0.25	0.29	-0.21	0.29	-0.12	0.23	-0.06	0.15
2272	1	2287	0.82	0.25	-0.34	0.20	-0.28	-0.17	0.08	0.03	0.08	0.04	-0.01
		2248	3.06	0.82	0.30	0.81	0.31	0.07	0.35	-0.17	0.23	-0.04	-0.22
		2	4.57	0.24	-2.15	0.22	-2.13	-0.18	0.62	0.10	0.33	0.39	-0.26
		2289	4.74	1.66	-0.39	-0.19	1.46	-0.60	0.36	-0.19	-0.16	0.32	-0.13
2272	2	2287	1.93	0.42	-0.93	0.32	-0.83	-0.35	0.29	0.16	0.22	0.23	-0.07
		2248	14.91	3.72	0.99	3.69	1.03	-0.30	1.63	-0.72	1.11	-0.20	-0.98
		2	16.69	0.55	-6.49	0.37	-6.30	-1.13	2.45	0.57	1.20	1.82	-0.89
		2289	15.66	5.99	-1.08	-0.31	5.22	-2.21	1.21	-0.49	-0.35	1.07	-0.48
2272	3	2287	0.52	0.16	-0.24	0.13	-0.21	-0.12	0.05	0.03	0.05	0.03	-8.36e-03
		2248	2.18	0.65	0.22	0.65	0.22	0.03	0.24	-0.11	0.16	-0.03	-0.15
		2	3.04	0.16	-1.50	0.15	-1.48	-0.17	0.41	0.08	0.23	0.27	-0.16
		2289	3.10	1.22	-0.28	-0.13	1.06	-0.45	0.21	-0.12	-0.10	0.19	-0.08
2272	4	2287	0.85	0.21	-0.42	0.16	-0.37	-0.17	0.11	0.06	0.09	0.09	-0.02
		2248	5.69	1.51	0.42	1.50	0.43	-0.08	0.62	-0.28	0.42	-0.08	-0.37
		2	6.63	0.26	-2.78	0.19	-2.72	-0.45	0.95	0.22	0.48	0.69	-0.35
		2289	6.33	2.50	-0.48	-0.16	2.18	-0.93	0.46	-0.21	-0.16	0.41	-0.18
2273	1	301	12.74	13.87	3.48	3.58	13.76	-1.04	0.17	-0.11	0.05	6.59e-03	-0.14
		2310	13.19	13.53	2.09	2.56	13.06	-2.27	0.11	-0.03	-0.02	0.10	0.02
		2333	11.82	10.24	-1.52	-1.38	10.10	1.27	0.14	-0.04	4.32e-03	0.10	0.08
		144	13.87	13.06	-0.64	-0.42	12.84	-1.71	0.67	0.28	0.64	0.31	-0.10
2273	2	301	110.58	92.33	20.08	25.85	86.55	-19.59	4.47	-4.44	0.14	-0.11	-4.45
		2310	148.62	138.02	20.41	25.76	132.68	-24.50	3.77	-3.17	-0.12	0.72	-3.44
		2333	97.44	77.71	-14.77	-13.75	76.69	9.67	3.27	-2.88	0.24	0.15	-3.08
		144	129.26	94.91	-5.97	1.75	87.18	-26.82	7.47	-2.07	3.72	1.68	-4.66
2273	3	301	13.72	13.32	3.19	3.63	12.87	-2.08	0.39	-0.37	0.02	1.49e-04	-0.38
		2310	17.55	17.14	2.57	3.21	16.50	-2.99	0.31	-0.25	-0.02	0.07	-0.27
		2333	12.11	10.72	-1.86	-1.72	10.58	1.33	0.27	-0.18	0.02	0.07	-0.23
		144	15.67	13.23	-0.66	-7.50e-03	12.57	-2.94	0.72	-0.08	0.43	0.21	-0.38
2273	4	301	42.94	36.61	8.06	10.23	34.44	-7.57	1.67	-1.65	0.05	-0.03	-1.66
		2310	57.77	54.03	8.00	10.08	51.94	-9.58	1.41	-1.20	-0.05	0.26	-1.30
		2333	38.04	30.71	-5.79	-5.38	30.31	3.82	1.25	-1.07	0.09	0.09	-1.16
		144	50.10	37.52	-2.28	0.64	34.60	-10.38	2.75	-0.79	1.34	0.62	-1.74
2274	1	144	12.82	12.12	-0.08	-0.02	12.06	-0.85	0.72	0.29	0.69	0.31	-0.10
		2333	12.05	10.87	0.13	0.13	10.87	6.95e-03	0.21	2.63e-03	3.18e-03	0.21	0.01
		2343	13.63	10.45	-0.13	-0.13	10.45	0.09	0.54	-0.14	-0.06	0.45	0.22
		176	12.99	10.53	0.23	0.26	10.49	-0.56	1.18	0.37	1.15	0.41	0.17
2274	2	144	115.06	82.61	-4.89	-0.76	78.48	-18.54	8.85	-0.87	5.45	2.52	-4.64
		2333	98.85	84.22	1.76	1.79	84.19	-1.46	3.86	-3.37	-0.50	0.99	-3.54
		2343	81.16	60.92	-1.66	-1.65	60.92	0.25	4.23	-2.33	-0.18	2.07	-3.08
		176	85.17	64.83	0.76	4.63	60.96	-15.26	7.76	0.52	6.27	2.00	-2.92
2274	3	144	13.94	11.81	-0.32	-0.02	11.51	-1.88	0.85	0.02	0.58	0.29	-0.39
		2333	12.84	11.53	0.19	0.20	11.53	-0.11	0.34	-0.23	-0.04	0.16	-0.27
		2343	11.57	9.45	-0.18	-0.18	9.45	0.05	0.38	-0.10	-0.03	0.30	-0.18



		176	10.52	9.66	0.19	0.42	9.43	-1.48	0.80	0.21	0.75	0.26	-0.17
2274	4	144	44.53	32.73	-1.78	-0.24	31.19	-7.13	3.27	-0.34	1.99	0.94	-1.73
		2333	38.68	33.27	0.68	0.68	33.26	-0.55	1.45	-1.25	-0.19	0.39	-1.32
		2343	31.90	24.40	-0.63	-0.63	24.40	0.10	1.59	-0.87	-0.06	0.78	-1.16
		176	32.87	25.79	0.30	1.72	24.38	-5.83	2.83	0.17	2.27	0.74	-1.09
2275	1	176	12.93	10.53	0.17	0.18	10.52	-0.37	1.24	0.40	1.17	0.47	0.23
		2343	13.14	10.47	-0.06	-0.06	10.47	0.01	0.45	-0.15	-0.08	0.37	0.20
		2335	12.67	10.20	0.02	0.02	10.20	-9.37e-05	0.56	-0.23	8.28e-03	0.32	0.36
		166	13.02	10.32	-2.84e-03	-1.07e-03	10.32	-0.14	1.14	0.01	0.84	0.31	0.50
2275	2	176	80.00	62.90	2.39	4.76	60.52	-11.75	6.59	0.12	4.83	1.88	-2.88
		2343	74.73	61.46	-0.77	-0.77	61.46	-0.36	3.87	-2.22	0.48	1.18	-3.02
		2335	63.01	49.38	0.33	0.34	49.38	-0.13	2.85	-1.35	-0.18	1.68	-1.88
		166	68.91	54.26	-3.47	-2.13	52.92	-8.72	6.97	0.92	5.85	2.04	-2.35
2275	3	176	10.35	9.56	0.23	0.39	9.40	-1.20	0.70	0.22	0.64	0.28	-0.15
		2343	10.91	9.50	-0.07	-0.07	9.50	-0.02	0.31	-0.08	0.02	0.21	-0.17
		2335	9.77	8.32	0.02	0.02	8.32	-0.02	0.24	-0.02	-0.01	0.24	-0.04
		166	9.82	8.69	-0.20	-0.12	8.61	-0.84	0.64	0.23	0.63	0.24	-0.04
2275	4	176	31.20	25.11	0.86	1.75	24.22	-4.57	2.40	0.02	1.73	0.70	-1.07
		2343	29.46	24.61	-0.28	-0.28	24.61	-0.13	1.45	-0.82	0.18	0.45	-1.13
		2335	25.02	19.93	0.12	0.12	19.93	-0.05	1.07	-0.50	-0.07	0.64	-0.70
		166	26.88	21.74	-1.25	-0.74	21.23	-3.38	2.55	0.32	2.12	0.75	-0.88
2276	1	166	12.47	10.41	0.04	0.05	10.41	-0.27	1.00	-0.03	0.68	0.29	0.48
		2335	12.13	10.15	0.02	0.02	10.15	0.05	0.56	-0.21	0.09	0.26	0.37
		2342	13.32	10.39	-0.07	-0.07	10.38	0.07	0.69	-0.49	-0.02	0.22	0.58
		175	12.27	9.66	0.17	0.17	9.66	-0.02	1.11	-0.07	0.76	0.28	0.54
2276	2	166	75.13	55.10	-5.43	-3.15	52.82	-11.53	7.98	2.15	7.02	3.11	-2.16
		2335	64.38	49.62	0.71	0.71	49.62	-0.22	2.68	-2.09	-0.84	1.42	-2.10
		2342	47.61	38.46	-1.01	-1.01	38.46	0.10	2.47	-0.72	0.52	1.23	-1.56
		175	50.93	44.55	2.34	4.97	41.93	-10.19	4.48	0.67	4.14	1.01	-1.08
2276	3	166	9.72	8.77	-0.32	-0.19	8.63	-1.10	0.69	0.32	0.68	0.32	-0.03
		2335	9.62	8.33	0.06	0.06	8.33	2.89e-03	0.21	-0.05	-0.04	0.20	-0.05
		2342	8.44	7.44	-0.09	-0.09	7.44	0.03	0.19	0.02	0.03	0.17	0.05
		175	8.39	7.54	0.30	0.41	7.44	-0.88	0.49	0.13	0.47	0.15	0.08
2276	4	166	29.22	22.05	-1.98	-1.14	21.20	-4.44	2.93	0.79	2.56	1.16	-0.81
		2335	25.50	20.02	0.26	0.26	20.02	-0.08	1.00	-0.78	-0.32	0.54	-0.78
		2342	19.18	15.76	-0.37	-0.37	15.76	0.04	0.93	-0.27	0.20	0.47	-0.58
		175	19.90	17.94	0.89	1.83	17.00	-3.89	1.61	0.23	1.48	0.36	-0.40
2277	1	175	12.75	9.71	0.05	0.06	9.71	0.15	1.35	0.03	0.97	0.41	0.60
		2342	13.39	10.41	-0.05	-0.05	10.41	4.26e-03	0.62	-0.51	-0.12	0.23	0.54
		2298	11.95	10.45	0.05	0.05	10.45	-9.29e-03	0.55	-0.48	0.02	0.05	0.51
		295	12.77	9.95	-0.10	-0.10	9.95	0.06	1.04	-0.43	0.42	0.19	0.73
2277	2	175	49.18	42.79	4.40	5.36	41.84	-5.98	4.24	0.69	3.66	1.27	-1.31
		2342	44.61	38.53	-1.02	-1.02	38.53	-0.14	2.19	-0.57	0.74	0.88	-1.37
		2298	40.99	32.57	0.75	0.75	32.57	0.08	1.30	-0.72	-0.54	1.12	-0.58
		295	54.74	37.93	-4.49	-3.95	37.39	-4.77	5.96	1.89	5.70	2.15	-0.99
2277	3	175	7.95	7.49	0.36	0.41	7.44	-0.55	0.51	0.20	0.49	0.21	0.07
		2342	8.28	7.45	-0.09	-0.09	7.45	-8.35e-03	0.16	5.99e-03	0.03	0.14	0.05
		2298	7.72	6.88	0.07	0.07	6.88	-1.40e-03	0.17	-0.09	-0.04	0.11	0.11
		295	8.28	7.10	-0.32	-0.29	7.08	-0.44	0.55	0.16	0.50	0.21	0.13
2277	4	175	19.45	17.33	1.61	1.98	16.96	-2.37	1.52	0.24	1.29	0.47	-0.49
		2342	18.01	15.78	-0.38	-0.38	15.78	-0.05	0.82	-0.21	0.28	0.33	-0.51
		2298	16.64	13.43	0.27	0.27	13.43	0.03	0.50	-0.27	-0.20	0.43	-0.22
		295	21.12	15.42	-1.64	-1.44	15.21	-1.87	2.17	0.69	2.06	0.79	-0.38
2278	1	295	12.66	10.09	-5.64e-03	-5.64e-03	10.09	-9.16e-03	0.83	-0.55	0.16	0.13	0.69
		2298	12.15	10.36	0.05	0.05	10.36	0.03	0.60	-0.47	0.15	-0.02	0.52
		2341	12.53	10.79	-0.06	-0.06	10.79	0.09	0.46	-0.61	-0.04	-0.10	0.54
		174	10.69	9.38	0.09	0.09	9.38	-0.01	0.67	-0.27	0.28	0.13	0.46
2278	2	295	55.91	38.83	-5.93	-4.42	37.33	-8.08	6.52	2.73	6.38	2.87	-0.72
		2298	41.92	32.72	0.86	0.86	32.72	-0.11	1.32	-1.29	-0.90	0.93	-0.93
		2341	27.62	24.90	-1.02	-1.01	24.90	0.13	1.31	0.02	0.74	0.59	-0.64
		174	35.40	31.16	2.88	5.25	28.79	-7.83	2.91	0.50	2.90	0.52	-0.19
2278	3	295	8.16	7.18	-0.38	-0.31	7.11	-0.72	0.55	0.19	0.48	0.26	0.15
		2298	7.42	6.86	0.08	0.08	6.86	6.23e-03	0.12	-0.08	-0.03	0.08	0.08
		2341	6.50	6.32	-0.09	-0.09	6.32	0.03	0.14	-0.07	0.05	0.03	0.10
		174	6.79	6.22	0.33	0.41	6.15	-0.67	0.30	-5.05e-04	0.24	0.06	0.12
2278	4	295	21.49	15.74	-2.17	-1.62	15.18	-3.11	2.38	1.01	2.33	1.07	-0.27
		2298	16.96	13.49	0.32	0.32	13.49	-0.04	0.50	-0.48	-0.34	0.36	-0.35
		2341	11.56	10.50	-0.38	-0.38	10.50	0.05	0.50	0.01	0.28	0.23	-0.24
		174	14.10	12.73	1.11	1.94	11.90	-2.99	1.02	0.17	1.01	0.18	-0.07
2279	1	174	11.71	9.43	-0.03	-0.02	9.42	0.26	0.94	-0.20	0.48	0.27	0.56
		2341	12.08	10.82	-0.04	-0.04	10.82	-0.02	0.35	-0.58	-0.13	-0.10	0.46
		2331	12.53	10.72	0.07	0.07	10.72	-0.01	0.22	-0.37	0.08	-0.22	0.26
		64	11.07	9.84	-0.17	-0.17	9.83	-0.08	0.36	-0.43	-0.10	0.02	0.39
2279	2	174	31.41	29.19	5.07	5.47	28.79	-3.11	2.80	0.71	2.67	0.83	-0.49
		2341	26.94	24.89	-1.02	-1.02	24.89	-0.08	1.08	0.08	0.85	0.31	-0.42
		2331	28.03	21.83	0.87	0.87	21.83	0.17	0.73	-0.69	-0.69	0.73	2.93e-03
		64	45.79	26.36	-4.92	-4.67	26.11	-2.80	5.55	2.07	5.49	2.13	-0.45



2279	3	174	6.32	6.17	0.38	0.39	6.16	-0.26	0.35	0.06	0.28	0.14	0.12
		2341	6.55	6.32	-0.09	-0.09	6.32	-0.01	0.12	-0.09	0.03	2.86e-04	0.10
		2331	6.09	5.97	0.08	0.08	5.97	5.80e-03	0.06	-0.09	-0.03	3.99e-03	0.07
		64	6.69	6.02	-0.39	-0.38	6.00	-0.31	0.36	0.13	0.33	0.16	0.07
2279	4	174	12.60	12.06	1.87	2.02	11.90	-1.26	0.98	0.25	0.93	0.30	-0.19
		2341	11.20	10.49	-0.38	-0.38	10.49	-0.03	0.41	0.03	0.32	0.12	-0.16
		2331	11.65	9.26	0.32	0.32	9.26	0.06	0.29	-0.26	-0.26	0.29	-1.32e-03
		64	17.53	10.92	-1.81	-1.71	10.82	-1.11	2.01	0.75	1.99	0.78	-0.17
2280	1	64	11.48	9.94	-0.14	-0.14	9.94	-0.10	0.27	-0.47	-0.23	0.03	0.34
		2331	13.02	10.66	0.08	0.08	10.66	0.02	0.28	-0.41	0.15	-0.27	0.27
		2340	12.26	10.82	-0.06	-0.06	10.82	0.09	-0.07	-0.31	-0.10	-0.28	0.07
		173	9.16	9.03	0.03	0.05	9.01	-0.40	0.09	0.05	0.08	0.06	-0.02
2280	2	64	47.38	27.22	-6.14	-4.93	26.01	-6.23	5.96	2.67	5.96	2.68	-0.14
		2331	28.36	21.97	0.92	0.92	21.97	-0.08	0.67	-1.01	-0.92	0.58	-0.38
		2340	17.80	15.73	-0.99	-0.99	15.73	0.10	0.91	0.19	0.80	0.30	-0.25
		173	26.71	21.68	2.67	5.26	19.09	-6.52	2.48	0.32	2.47	0.33	0.15
2280	3	64	6.65	6.08	-0.45	-0.39	6.03	-0.58	0.38	0.17	0.33	0.21	0.09
		2331	6.01	5.96	0.09	0.09	5.96	4.17e-03	0.02	-0.08	-0.03	-0.03	0.05
		2340	5.93	5.48	-0.09	-0.09	5.48	0.03	0.04	-0.05	0.04	-0.05	-4.75e-03
		173	5.36	5.23	0.31	0.40	5.14	-0.66	0.14	0.03	0.14	0.03	5.95e-03
2280	4	64	18.08	11.23	-2.25	-1.81	10.79	-2.39	2.17	1.00	2.17	1.00	-0.06
		2331	11.75	9.31	0.34	0.34	9.31	-0.03	0.26	-0.38	-0.35	0.23	-0.14
		2340	7.61	6.94	-0.37	-0.37	6.94	0.04	0.35	0.08	0.30	0.12	-0.10
		173	10.65	9.00	1.07	1.94	8.13	-2.48	0.86	0.10	0.85	0.11	0.06
2281	1	173	9.61	9.02	0.05	0.05	9.02	1.63e-03	0.22	0.01	0.10	0.14	0.10
		2340	12.46	10.82	-0.06	-0.06	10.82	-0.06	-0.10	-0.32	-0.10	-0.32	-0.02
		2346	12.78	10.33	0.08	0.08	10.33	2.74e-04	0.26	-0.40	0.15	-0.29	-0.24
		187	10.88	9.37	-0.20	-0.19	9.36	-0.36	0.12	-0.53	-0.34	-0.07	-0.29
2281	2	173	21.75	19.32	5.23	5.44	19.12	-1.68	2.32	0.60	2.30	0.62	-0.16
		2340	19.23	15.67	-1.00	-1.00	15.67	-0.08	0.88	0.06	0.88	0.06	-0.03
		2346	19.94	14.02	0.89	0.89	14.02	0.20	0.67	-0.79	-0.73	0.61	0.29
		187	40.41	17.62	-4.99	-4.86	17.49	-1.72	5.50	2.09	5.49	2.11	-0.22
2281	3	173	5.14	5.15	0.41	0.42	5.15	-0.21	0.14	0.08	0.13	0.08	0.01
		2340	6.16	5.48	-0.09	-0.09	5.48	-0.02	0.04	-0.09	0.04	-0.08	-0.01
		2346	5.27	5.14	0.09	0.09	5.14	0.01	0.03	-0.07	-0.01	-0.03	-0.05
		187	5.60	5.08	-0.42	-0.40	5.07	-0.29	0.32	0.06	0.26	0.13	-0.11
2281	4	173	8.65	8.22	1.93	2.01	8.14	-0.70	0.79	0.22	0.78	0.22	-0.06
		2340	8.19	6.92	-0.37	-0.37	6.92	-0.03	0.33	0.03	0.33	0.03	-0.01
		2346	8.48	6.23	0.33	0.33	6.23	0.07	0.26	-0.29	-0.27	0.24	0.10
		187	15.30	7.53	-1.84	-1.79	7.47	-0.69	1.99	0.77	1.98	0.77	-0.09
2282	1	187	11.23	9.33	-0.28	-0.26	9.31	-0.37	0.31	-0.41	-0.17	0.07	-0.34
		2346	12.63	10.38	0.09	0.09	10.38	0.02	0.18	-0.41	0.07	-0.31	-0.22
		2339	11.97	10.05	-0.05	-0.04	10.05	0.05	0.34	-0.66	-0.14	-0.18	-0.50
		172	11.06	8.26	-0.11	-0.02	8.16	-0.89	0.80	-0.34	0.32	0.14	-0.56
2282	2	187	42.64	18.46	-6.18	-5.06	17.34	-5.14	5.91	2.57	5.90	2.58	0.11
		2346	19.92	14.15	0.92	0.92	14.15	-0.09	0.50	-0.94	-0.93	0.50	-0.10
		2339	11.21	8.83	-0.97	-0.97	8.83	0.07	0.81	0.29	0.81	0.29	0.03
		172	22.07	14.87	2.06	5.27	11.66	-5.55	2.64	0.26	2.57	0.33	0.41
2282	3	187	6.04	5.10	-0.50	-0.45	5.04	-0.56	0.40	0.17	0.35	0.22	-0.10
		2346	5.30	5.17	0.10	0.10	5.17	5.80e-03	0.03	-0.13	-0.06	-0.05	-0.08
		2339	5.15	4.63	-0.09	-0.09	4.63	0.02	0.16	-0.16	0.02	-0.02	-0.15
		172	4.76	4.33	0.25	0.38	4.20	-0.72	0.30	-0.03	0.22	0.05	-0.14
2282	4	187	16.10	7.82	-2.27	-1.87	7.42	-1.97	2.15	0.96	2.15	0.96	0.03
		2346	8.49	6.29	0.34	0.34	6.29	-0.03	0.20	-0.36	-0.35	0.19	-0.04
		2339	5.03	4.27	-0.36	-0.36	4.27	0.02	0.30	0.12	0.30	0.12	1.98e-03
		172	8.66	6.26	0.92	1.95	5.23	-2.10	0.91	0.08	0.89	0.11	0.15
2283	1	172	10.19	8.17	0.10	0.13	8.14	-0.50	0.56	-0.35	0.09	0.12	-0.45
		2339	12.96	10.01	-0.06	-0.06	10.01	-0.08	0.45	-0.75	-0.04	-0.26	-0.59
		2348	12.19	9.06	0.07	0.07	9.06	7.46e-03	0.67	-0.60	0.19	-0.12	-0.62
		286	13.08	8.19	-0.20	-0.15	8.13	-0.69	0.78	-0.92	-0.12	-0.02	-0.85
2283	2	172	18.00	11.80	5.34	5.42	11.72	-0.75	2.42	0.56	2.41	0.56	0.09
		2339	12.85	8.73	-0.98	-0.98	8.73	-0.08	0.95	3.21e-03	0.87	0.08	0.26
		2348	16.12	8.21	0.86	0.87	8.20	0.24	0.94	-0.99	-0.74	0.68	0.65
		286	38.24	10.86	-4.76	-4.73	10.83	-0.71	5.74	2.15	5.74	2.15	0.14
2283	3	172	4.52	4.21	0.42	0.44	4.20	-0.27	0.24	-0.03	0.13	0.07	-0.13
		2339	5.51	4.61	-0.09	-0.09	4.61	-0.03	0.17	-0.18	0.06	-0.07	-0.16
		2348	4.59	4.24	0.09	0.09	4.24	0.02	0.15	-0.13	-4.26e-04	0.03	-0.14
		286	5.36	4.10	-0.41	-0.39	4.08	-0.30	0.51	-0.03	0.34	0.14	-0.25
2283	4	172	6.72	5.29	1.98	2.01	5.26	-0.34	0.82	0.20	0.82	0.20	0.03
		2339	5.67	4.23	-0.36	-0.36	4.23	-0.03	0.35	7.67e-03	0.33	0.03	0.09
		2348	6.86	3.99	0.32	0.32	3.98	0.09	0.35	-0.36	-0.28	0.26	0.24
		286	14.29	4.89	-1.76	-1.74	4.88	-0.30	2.07	0.79	2.07	0.79	0.04
2284	1	286	13.53	8.01	-0.40	-0.33	7.94	-0.76	1.16	-0.59	0.34	0.24	-0.87
		2348	11.59	9.21	0.09	0.09	9.21	0.03	0.55	-0.68	-0.03	-0.10	-0.61
		2337	12.47	8.32	-0.03	-0.03	8.32	5.26e-03	0.78	-0.80	-0.13	0.12	-0.78
		170	12.63	6.91	-0.24	-0.01	6.68	-1.26	1.35	-0.30	0.78	0.28	-0.79
2284	2	286	40.99	11.61	-5.82	-4.83	10.62	-4.04	6.13	2.45	6.08	2.50	0.46



		2348	15.06	8.36	0.85	0.85	8.36	-0.07	0.66	-0.94	-0.89	0.62	0.27
		2337	8.83	4.28	-0.94	-0.94	4.28	0.06	1.24	0.03	0.79	0.48	0.59
		170	22.55	9.92	1.45	5.15	6.22	-4.20	3.33	0.18	3.04	0.47	0.92
2284	3	286	5.93	4.08	-0.53	-0.46	4.00	-0.58	0.65	0.12	0.51	0.26	-0.23
		2348	4.98	4.30	0.09	0.09	4.30	0.01	0.15	-0.21	-0.09	0.02	-0.17
		2337	4.64	3.70	-0.08	-0.08	3.70	6.65e-03	0.26	-0.15	0.02	0.08	-0.20
		170	4.56	3.40	0.20	0.37	3.23	-0.73	0.47	0.02	0.39	0.10	-0.17
2284	4	286	15.32	5.14	-2.14	-1.79	4.80	-1.55	2.23	0.91	2.21	0.93	0.16
		2348	6.56	4.05	0.32	0.32	4.05	-0.02	0.25	-0.35	-0.34	0.24	0.09
		2337	3.83	2.50	-0.35	-0.35	2.50	0.02	0.45	0.03	0.30	0.19	0.20
		170	8.54	4.21	0.79	1.90	3.09	-1.60	1.17	0.05	1.06	0.16	0.33
2285	1	170	11.45	6.79	0.08	0.22	6.64	-0.97	1.04	-0.41	0.43	0.21	-0.72
		2337	12.07	8.26	-0.06	-0.06	8.26	-0.07	0.85	-0.82	0.02	6.58e-03	-0.83
		2349	9.99	7.02	0.05	0.05	7.02	7.84e-03	0.79	-0.47	0.16	0.17	-0.63
		294	12.41	6.30	-0.24	-0.10	6.16	-0.92	1.15	-0.64	0.39	0.12	-0.89
2285	2	170	21.45	6.39	5.10	5.18	6.32	0.31	3.19	0.54	3.04	0.69	0.61
		2337	10.92	4.15	-0.91	-0.91	4.15	-0.06	1.39	-0.30	0.75	0.34	0.81
		2349	18.99	5.18	0.75	0.77	5.15	0.33	1.61	-1.47	-0.71	0.85	1.33
		294	38.75	6.11	-4.23	-4.20	6.08	0.58	6.32	1.99	6.09	2.22	0.97
2285	3	170	4.10	3.26	0.42	0.45	3.22	-0.32	0.39	-7.38e-03	0.28	0.10	-0.18
		2337	4.28	3.67	-0.09	-0.09	3.67	-0.02	0.25	-0.15	0.07	0.03	-0.20
		2349	4.17	3.33	0.07	0.07	3.33	0.03	0.17	-0.06	-8.39e-03	0.12	-0.10
		294	4.97	3.03	-0.36	-0.34	3.01	-0.27	0.62	0.09	0.52	0.19	-0.21
2285	4	170	7.52	3.13	1.92	1.92	3.13	0.06	1.11	0.19	1.05	0.25	0.22
		2337	4.48	2.45	-0.34	-0.34	2.45	-0.02	0.51	-0.10	0.29	0.12	0.29
		2349	7.61	2.79	0.28	0.29	2.78	0.12	0.60	-0.54	-0.27	0.33	0.48
		294	14.33	2.99	-1.56	-1.56	2.98	0.17	2.29	0.73	2.21	0.81	0.34
2286	1	294	13.42	6.12	-0.51	-0.33	5.94	-1.08	1.60	-0.27	0.92	0.41	-0.90
		2349	10.84	7.19	0.08	0.08	7.19	0.03	0.69	-0.61	-0.11	0.19	-0.63
		2336	10.58	5.97	-0.04	-0.04	5.97	-0.01	0.80	-0.50	-0.07	0.37	-0.61
2286	2	168	10.54	5.05	-0.26	0.12	4.67	-1.36	1.40	0.07	1.11	0.35	-0.55
		294	41.22	6.37	-4.55	-4.02	5.84	-2.34	6.53	1.97	6.16	2.33	1.24
		2349	16.26	5.34	0.69	0.69	5.34	0.04	1.31	-1.21	-0.73	0.82	1.00
		2336	17.88	3.44	-0.79	-0.79	3.43	0.11	2.28	-0.88	0.72	0.69	1.58
		168	28.45	6.00	1.31	4.41	2.90	-2.22	4.52	-0.18	3.63	0.71	1.84
2286	3	294	5.33	3.01	-0.50	-0.41	2.92	-0.55	0.77	0.23	0.70	0.30	-0.19
		2349	4.60	3.40	0.08	0.08	3.40	0.02	0.18	-0.15	-0.10	0.12	-0.12
		2336	3.90	2.85	-0.07	-0.07	2.85	4.68e-03	0.21	3.57e-04	0.04	0.17	-0.08
		168	3.84	2.43	0.16	0.35	2.24	-0.64	0.54	0.13	0.53	0.14	-0.03
2286	4	294	15.30	3.08	-1.69	-1.50	2.89	-0.93	2.38	0.74	2.25	0.87	0.44
		2349	6.72	2.85	0.26	0.26	2.85	0.02	0.48	-0.45	-0.28	0.31	0.36
		2336	6.81	2.10	-0.29	-0.29	2.10	0.04	0.84	-0.30	0.27	0.27	0.57
		168	10.57	2.56	0.77	1.62	1.71	-0.89	1.61	-0.09	1.28	0.24	0.68
2287	1	168	9.64	4.92	0.02	0.29	4.64	-1.12	1.18	-0.01	0.85	0.32	-0.54
		2336	9.84	5.92	-0.06	-0.06	5.92	-0.04	0.78	-0.46	0.04	0.27	-0.61
		2347	7.20	4.74	0.04	0.04	4.74	0.02	0.53	-0.15	0.06	0.32	-0.31
		281	7.92	4.01	-0.39	-0.15	3.77	-0.99	1.04	6.86e-03	0.81	0.24	-0.43
2287	2	168	31.42	5.19	2.05	4.16	3.07	1.48	4.71	0.36	4.05	1.02	1.56
		2336	19.90	3.33	-0.73	-0.73	3.33	0.03	2.38	-1.24	0.49	0.66	1.81
		2347	26.39	5.92	0.62	0.65	5.89	0.39	2.28	-2.29	-0.74	0.73	2.17
		281	41.95	3.47	-3.72	-3.39	3.14	1.51	7.15	1.03	6.05	2.13	2.35
2287	3	168	3.40	2.29	0.35	0.39	2.24	-0.30	0.49	0.15	0.48	0.16	-0.05
		2336	3.54	2.83	-0.07	-0.07	2.83	-5.02e-03	0.16	0.02	0.06	0.13	-0.06
		2347	3.72	2.60	0.06	0.06	2.60	0.04	0.18	-0.05	-0.04	0.16	0.06
		281	4.56	1.93	-0.34	-0.31	1.89	-0.27	0.64	0.21	0.64	0.22	0.03
2287	4	168	11.07	2.14	1.17	1.54	1.78	0.47	1.67	0.12	1.43	0.37	0.57
		2336	7.56	2.06	-0.27	-0.27	2.06	0.02	0.87	-0.44	0.19	0.24	0.66
		2347	10.14	2.95	0.23	0.24	2.94	0.15	0.85	-0.84	-0.27	0.28	0.80
		281	15.47	1.78	-1.34	-1.27	1.71	0.47	2.60	0.38	2.20	0.78	0.85
2288	1	281	9.14	3.98	-0.60	-0.27	3.65	-1.18	1.32	0.22	1.10	0.44	-0.44
		2347	7.66	4.86	0.06	0.06	4.86	0.03	0.49	-0.26	-0.08	0.31	-0.32
		2334	6.07	3.59	-0.03	-0.03	3.59	-9.51e-03	0.43	-0.08	-0.01	0.36	-0.17
		163	6.54	2.98	-0.57	0.08	2.34	-1.37	1.02	0.26	1.01	0.27	-0.09
2288	2	281	40.64	3.10	-2.46	-2.40	3.05	-0.56	6.50	0.45	5.18	1.77	2.50
		2347	23.08	6.07	0.37	0.38	6.06	0.24	2.20	-1.78	-0.23	0.64	1.94
		2334	27.51	6.01	-0.34	-0.34	6.01	0.02	2.94	-2.20	0.48	0.26	2.56
		163	34.06	2.45	0.74	1.78	1.41	-0.83	5.08	-0.91	3.44	0.72	2.67
2288	3	281	4.68	1.95	-0.39	-0.28	1.84	-0.49	0.69	0.27	0.69	0.27	0.04
		2347	3.72	2.66	0.05	0.05	2.66	0.04	0.16	-0.06	-0.05	0.15	0.04
		2334	3.26	2.16	-0.03	-0.03	2.16	-4.13e-03	0.24	-0.05	0.04	0.15	0.13
		163	4.31	1.47	-0.17	0.11	1.19	-0.62	0.58	0.05	0.51	0.12	0.17
2288	4	281	15.08	1.70	-0.95	-0.91	1.66	-0.31	2.38	0.18	1.89	0.67	0.91
		2347	8.92	3.02	0.14	0.15	3.01	0.10	0.81	-0.66	-0.09	0.25	0.71
		2334	10.32	2.87	-0.12	-0.12	2.87	4.93e-03	1.09	-0.79	0.18	0.12	0.94
		163	12.84	1.25	0.28	0.62	0.91	-0.47	1.84	-0.36	1.23	0.25	0.99
2289	1	163	6.54	2.82	-0.47	0.06	2.29	-1.21	1.06	0.41	1.05	0.42	-0.10
		2334	5.59	3.63	-6.41e-03	-6.39e-03	3.63	9.27e-03	0.33	-0.11	-0.04	0.26	-0.16



		2345	3.12	2.02	0.01	0.02	2.01	-0.13	0.17	-0.05	-0.03	0.15	-0.06
		184	5.75	2.13	-1.27	-0.42	1.29	-1.47	0.60	0.06	0.57	0.09	0.13
2289	2	163	37.81	2.09	0.52	1.02	1.59	0.73	6.11	0.10	4.64	1.57	2.59
		2334	28.64	6.15	-0.17	-0.17	6.15	0.13	2.71	-2.54	-0.11	0.29	2.62
		2345	23.80	5.71	0.36	0.37	5.70	-0.27	1.49	-2.73	-0.63	-0.61	2.11
		184	41.42	1.85	-3.18	-2.85	1.53	-1.24	5.83	-0.86	3.91	1.07	3.03
2289	3	163	4.26	1.36	-0.13	0.05	1.18	-0.48	0.67	0.19	0.61	0.24	0.16
		2334	3.27	2.19	-3.74e-03	-3.61e-03	2.19	0.02	0.20	-0.11	-0.02	0.11	0.14
		2345	2.22	1.42	0.03	0.03	1.41	-0.08	0.14	-0.17	-0.05	0.02	0.15
		184	5.12	1.13	-0.79	-0.39	0.73	-0.78	0.57	-0.06	0.43	0.09	0.26
2289	4	163	13.52	0.99	0.32	0.33	0.98	0.10	2.23	0.03	1.67	0.59	0.95
		2334	10.80	2.94	-0.05	-0.05	2.94	0.05	1.01	-0.93	-0.04	0.11	0.97
		2345	9.03	2.51	0.13	0.14	2.51	-0.12	0.57	-1.01	-0.23	-0.20	0.79
		184	15.72	1.03	-1.35	-1.11	0.80	-0.71	2.14	-0.34	1.42	0.37	1.12
2290	1	184	5.20	2.48	-1.70	-0.67	1.45	-1.81	0.50	0.24	0.37	0.37	0.13
		2345	3.48	1.86	0.27	0.28	1.85	-0.12	0.17	-0.30	0.04	-0.17	-0.21
		2311	3.22	-0.28	-0.62	-0.47	-0.43	-0.17	0.48	1.16e-03	0.02	0.46	0.09
		302	4.27	2.29	-0.94	0.94	0.41	-1.59	-0.06	-0.39	-0.08	-0.36	0.08
2290	2	184	43.59	3.34	-4.23	-2.93	2.04	-2.85	5.60	-1.33	2.46	1.80	3.45
		2345	21.56	5.19	0.83	0.85	5.18	-0.27	1.50	-2.13	0.39	-1.02	1.67
		2311	25.70	0.90	-1.52	-1.29	0.67	-0.71	-1.53	-4.64	-1.58	-4.59	0.38
		302	16.57	4.87	-0.84	2.91	1.12	-2.71	0.02	-2.07	-0.45	-1.60	0.87
2290	3	184	5.30	1.39	-1.12	-0.56	0.83	-1.04	0.57	-0.03	0.27	0.27	0.30
		2345	2.18	1.32	0.19	0.20	1.31	-0.08	0.07	-0.14	0.04	-0.11	0.07
		2311	1.44	-0.05	-0.38	-0.31	-0.11	-0.13	-0.09	-0.26	-0.13	-0.22	0.07
		302	3.07	1.47	-0.52	0.66	0.29	-0.98	-0.02	-0.29	-0.05	-0.26	0.09
2290	4	184	16.69	1.64	-1.87	-1.23	1.00	-1.35	2.08	-0.49	0.89	0.69	1.28
		2345	8.23	2.30	0.36	0.37	2.29	-0.13	0.57	-0.79	0.14	-0.36	0.63
		2311	9.61	0.31	-0.66	-0.56	0.21	-0.29	-0.58	-1.74	-0.61	-1.72	0.16
		302	6.72	2.23	-0.49	1.25	0.50	-1.31	1.50e-03	-0.79	-0.16	-0.63	0.32
2291	1	302	4.59	0.41	-1.64	0.41	-1.64	7.64e-03	0.42	-0.17	0.35	-0.10	0.19
		2311	7.23	1.07	-0.23	-0.18	1.02	-0.24	0.94	-0.22	-0.13	0.85	0.32
		2338	5.30	0.26	0.08	0.11	0.23	-0.06	0.32	-0.65	-0.11	-0.22	0.48
		171	5.50	0.13	-0.28	0.08	-0.24	0.13	0.75	-0.22	0.28	0.25	0.49
2291	2	302	14.42	2.25	-5.67	1.32	-4.75	2.55	1.21	-0.28	1.17	-0.24	0.24
		2311	27.05	6.13	-0.30	-0.29	6.12	0.25	-1.91	-4.25	-2.20	-3.96	0.78
		2338	8.30	5.53	0.70	0.74	5.49	-0.45	0.49	-0.74	-0.06	-0.19	-0.61
		171	10.71	-1.29	-5.47	-5.36	-1.40	-0.67	1.48	0.44	0.98	0.95	-0.52
2291	3	302	3.20	0.35	-1.19	0.32	-1.16	0.20	0.25	-0.11	0.23	-0.09	0.09
		2311	2.73	0.96	-0.12	-0.12	0.95	-0.09	0.07	-0.35	-0.25	-0.02	0.18
		2338	1.72	0.54	0.11	0.12	0.53	-0.06	0.06	-0.20	-0.05	-0.10	0.13
		171	2.01	-0.21	-0.39	-0.39	-0.22	0.02	0.33	0.06	0.19	0.19	0.14
2291	4	302	6.09	0.90	-2.38	0.59	-2.08	0.95	0.49	-0.15	0.48	-0.13	0.10
		2311	10.19	2.47	-0.15	-0.15	2.47	0.05	-0.72	-1.59	-0.86	-1.45	0.32
		2338	2.98	2.10	0.29	0.31	2.09	-0.17	0.14	-0.26	-0.03	-0.09	-0.20
		171	4.10	-0.53	-2.03	-2.00	-0.56	-0.21	0.56	0.24	0.40	0.40	-0.16
2292	1	171	6.11	0.51	-0.49	0.43	-0.42	0.27	0.58	-0.48	0.14	-0.04	0.52
		2338	4.83	0.24	-0.21	-0.18	0.22	-0.10	0.50	-0.40	0.02	0.08	0.45
		2246	8.83	0.31	-0.02	0.30	-0.02	0.03	-0.31	-1.58	-0.31	-1.57	0.08
		181	2.29	0.50	-0.45	-0.41	0.47	0.18	0.16	-0.14	-0.07	0.10	0.12
2292	2	171	9.29	-1.31	-5.54	-5.50	-1.36	-0.44	0.67	-0.43	0.51	-0.28	-0.38
		2338	8.40	6.04	-0.75	-0.60	5.88	-1.01	0.24	-0.68	-0.18	-0.26	-0.46
		2246	17.13	3.87	-3.50	3.31	-2.94	-1.96	0.94	-1.13	0.74	-0.93	-0.61
		181	30.26	8.48	-14.04	-7.34	1.79	-10.29	1.21	-0.85	-0.20	0.56	-0.96
2292	3	171	1.98	-0.19	-0.37	-0.25	-0.31	0.09	0.18	-0.17	0.08	-0.07	0.16
		2338	1.59	0.56	-0.15	-0.13	0.54	-0.11	0.13	-0.12	-3.74e-03	0.02	0.13
		2246	4.14	0.44	-0.30	0.41	-0.27	-0.12	-0.01	-0.61	-0.01	-0.61	-0.01
		181	2.47	0.74	-1.18	-0.80	0.36	-0.77	0.11	-0.07	-0.06	0.10	-0.03
2292	4	171	3.40	-0.57	-2.02	-2.01	-0.58	-0.12	0.23	-0.17	0.19	-0.13	-0.11
		2338	3.00	2.28	-0.31	-0.25	2.22	-0.38	0.07	-0.21	-0.06	-0.08	-0.14
		2246	6.82	1.50	-1.33	1.31	-1.14	-0.71	0.36	-0.48	0.30	-0.42	-0.21
		181	11.44	3.22	-5.32	-2.85	0.75	-3.87	0.46	-0.32	-0.10	0.24	-0.35
2293	1	181	2.82	1.41	-0.54	-0.17	1.04	0.77	-0.15	-0.35	-0.26	-0.24	0.10
		2246	1.87	0.23	-1.04	0.06	-0.87	0.44	0.27	0.11	0.27	0.12	-0.03
		2332	0.81	0.15	0.10	0.10	0.14	0.02	0.10	-0.05	0.07	-0.03	-0.05
		138	3.71	-0.11	-2.38	-2.36	-0.13	0.19	0.06	-0.22	-0.18	0.03	0.10
2293	2	181	29.09	10.20	-12.40	-5.96	3.76	10.20	0.70	-1.44	-0.62	-0.12	-1.04
		2246	20.25	3.78	-6.48	2.86	-5.56	2.93	2.73	1.10	1.85	1.98	-0.81
		2332	6.10	1.20	0.17	0.69	0.68	0.52	0.74	-0.30	0.57	-0.13	-0.38
		138	24.72	-0.07	-20.98	-20.97	-0.09	0.58	1.01	-0.59	0.37	0.05	-0.78
2293	3	181	2.74	1.46	-1.25	-0.58	0.79	1.17	-0.11	-0.19	-0.18	-0.13	-0.03
		2246	2.46	0.45	-1.02	0.28	-0.85	0.47	0.32	0.16	0.27	0.21	-0.08
		2332	0.89	0.17	0.03	0.07	0.13	0.06	0.10	-0.05	0.08	-0.02	-0.06
		138	3.20	-0.06	-2.83	-2.82	-0.06	0.12	0.02	-0.06	-0.06	0.02	-0.01
2293	4	181	11.00	4.07	-4.77	-2.30	1.60	3.96	0.19	-0.57	-0.28	-0.10	-0.37
		2246	7.93	1.50	-2.63	1.11	-2.24	1.21	1.06	0.44	0.74	0.76	-0.31
		2332	2.46	0.48	0.06	0.25	0.29	0.21	0.29	-0.12	0.23	-0.06	-0.15



		138	9.42	-0.04	-8.34	-8.33	-0.05	0.24	0.34	-0.21	0.10	0.03	-0.27
2294	1	2259	2.97	0.79	0.29	0.78	0.30	-0.07	0.34	-0.16	0.22	-0.04	0.22
		2344	0.79	0.24	-0.33	0.19	-0.27	0.17	0.08	0.03	0.08	0.04	0.01
		2311	4.55	1.59	-0.37	-0.19	1.40	0.58	0.34	-0.18	-0.15	0.31	0.12
		302	4.42	0.23	-2.06	0.22	-2.05	0.17	0.60	0.10	0.32	0.38	0.25
2294	2	2259	14.91	3.72	0.99	3.69	1.03	0.30	1.63	-0.72	1.11	-0.20	0.98
		2344	1.93	0.42	-0.93	0.32	-0.83	0.35	0.29	0.16	0.22	0.23	0.07
		2311	15.66	5.99	-1.08	-0.31	5.22	2.21	1.21	-0.49	-0.35	1.07	0.48
		302	16.69	0.55	-6.49	0.37	-6.30	1.13	2.45	0.57	1.20	1.82	0.89
2294	3	2259	2.15	0.64	0.21	0.64	0.21	-0.03	0.24	-0.11	0.16	-0.03	0.15
		2344	0.52	0.16	-0.24	0.12	-0.20	0.11	0.05	0.03	0.05	0.03	8.37e-03
		2311	3.04	1.20	-0.27	-0.12	1.05	0.44	0.20	-0.12	-0.10	0.18	0.08
		302	2.99	0.16	-1.47	0.14	-1.45	0.17	0.40	0.08	0.22	0.27	0.16
2294	4	2259	5.69	1.51	0.42	1.50	0.43	0.08	0.62	-0.28	0.42	-0.08	0.37
		2344	0.85	0.21	-0.42	0.16	-0.37	0.17	0.11	0.06	0.09	0.09	0.02
		2311	6.33	2.50	-0.48	-0.16	2.18	0.93	0.46	-0.21	-0.16	0.41	0.18
		302	6.63	0.26	-2.78	0.19	-2.72	0.45	0.95	0.22	0.48	0.69	0.35
<b>Elem.</b>		<b>Von Mises</b>		<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
		1127.70		874.17	-497.09	-487.55	-337.32	-82.68		-144.20	-88.62	-142.97	-17.33
						873.87	139.16	87.90	46.61		28.85	46.60	16.76