

Oriented Single-Crystal Nuclear Resonance Vibrational Spectroscopy of
[Fe(TPP)(MI)(NO)]: Quantitative Assessment of the *trans* Effect of NO

Nicolai Lehnert,*¹ J. Timothy Sage,² Nathan Silvernail,³ W. Robert Scheidt,*³ E. Ercan Alp,⁴ Wolfgang Sturhahn,⁴ Jiyong Zhao⁴

¹ Department of Chemistry, University of Michigan, Ann Arbor, MI 48109, USA

² Department of Physics and Center for Interdisciplinary Research on Complex Systems, Northeastern University, Boston, MA 02115, USA

³ Department of Chemistry and Biochemistry, 251 Nieuwland Science Hall, University of Notre Dame, Notre Dame, IN 46556, USA

⁴ Argonne National Laboratory, APS/XFD, 431/D003, Argonne, IL 60439, USA

E-mail: lehnertn@umich.edu, Scheidt.1@nd.edu

Supporting Information

ATTENTION: CONSIDER BEFORE PRINTING.

This file contains the complete force field from the QCC-NCA simulation of [Fe(TPP)(MI)(NO)] (page S24 – S212)!

Complete Reference 39:

Frisch, M. J.; Trucks, G. W.; Schlegel, H. B.; Scuseria, G. E.; Robb, M. A.; Cheeseman, J. R.; Montgomery, J. A., Jr.; Vreven, T.; Kudin, K. N.; Burant, J. C.; Millam, J. M.; Iyengar, S. S.; Tomasi, J.; Barone, V.; Mennucci, B.; Cossi, M.; Scalmani, G.; Rega, N.; Petersson, G. A.; Nakatsuji, H.; Hada, M.; Ehara, M.; Toyota, K.; Fukuda, R.; Hasegawa, J.; Ishida, M.; Nakajima, T.; Honda, Y.; Kitao, O.; Nakai, H.; Klene, M.; Li, X.; Knox, J. E.; Hratchian, H. P.; Cross, J. B.; Adamo, C.; Jaramillo, J.; Gomperts, R.; Stratmann, R. E.; Yazyev, O.; Austin, A. J.; Cammi, R.; Pomelli, C.; Ochterski, J. W.; Ayala, P. Y.; Morokuma, K.; Voth, G. A.; Salvador, P.; Dannenberg, J. J.; Zakrzewski, V. G.; Dapprich, S.; Daniels, A. D.; Strain, M. C.; Farkas, O.; Malick, D. K.; Rabuck, A. D.; Raghavachari, K.; Foresman, J. B.; Ortiz, J. V.; Cui, Q.; Baboul, A. G.; Clifford, S.; Cioslowski, J.; Stefanov, B. B.; Liu, G.; Liashenko, A.; Piskorz, P.; Komaromi, I.; Martin, R. L.; Fox, D. J.; Keith, T.; Al-Laham, M. A.; Peng, C. Y.; Nanayakkara, A.; Challacombe, M.; Gill, P. M. W.; Johnson, B.; Chen, W.; Wong, M. W.; Gonzalez, C.; Pople, J. A. *Gaussian 03*, Gaussian, Inc.: Pittsburgh, PA, 2003.

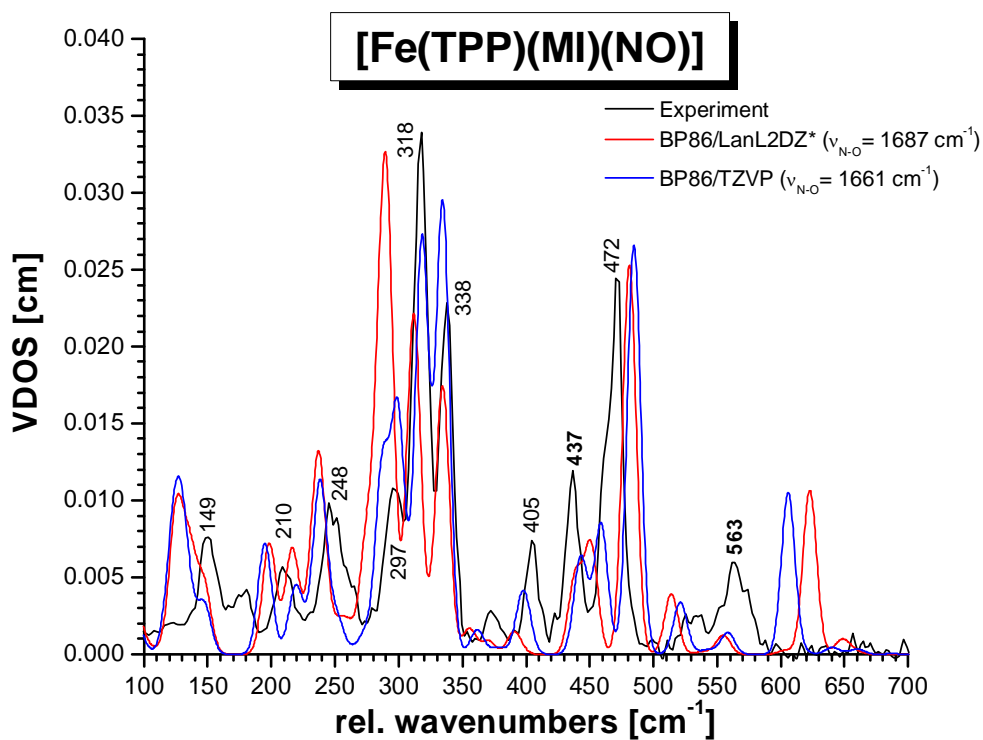
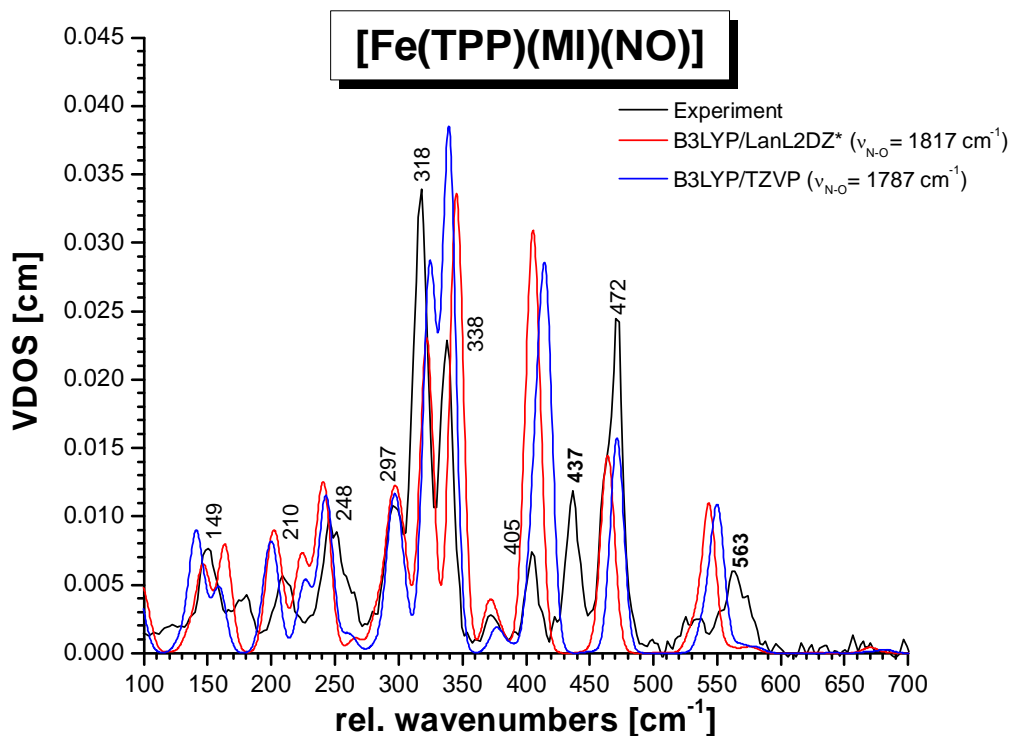


Figure S1. Calculated NRVS VDOS spectra of [Fe(TPP)(MI)(NO)]. Top: B3LYP/LanL2DZ* (red) and B3LYP/TZVP (blue). Bottom: BP86/LanL2DZ* (red) and BP86/TZVP (blue). The experimental powder spectrum of this compound is shown in black in both panels.

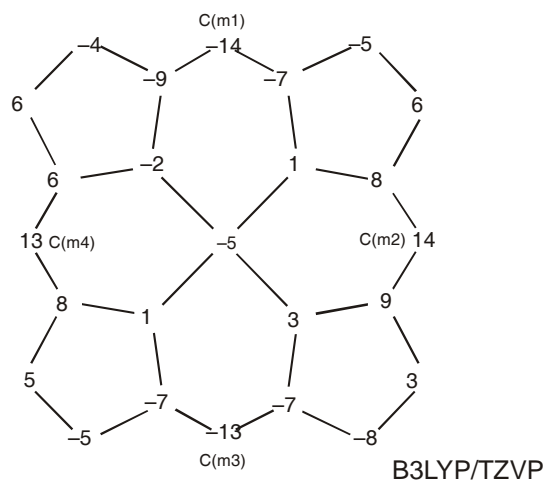
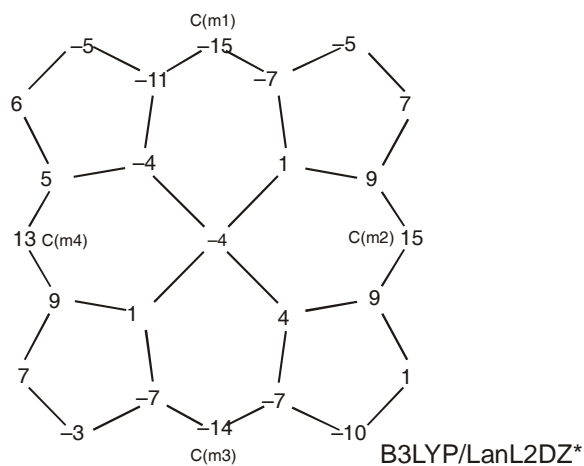
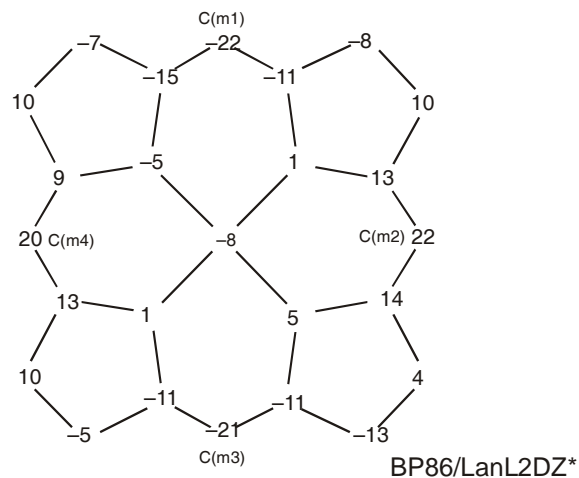


Figure S2. Conformation of the [Fe(TPP)] core in [Fe(TPP)(MI)(NO)], obtained from full geometry optimizations using BP86/LanL2DZ* (top), B3LYP/LanL2DZ* (middle), and B3LYP/TZVP (bottom). The core conformation obtained with BP86/TZVP is shown in Figure 2 in the paper. The porphyrin core diagrams indicate oop displacements of the atoms of the porphyrin ring towards the NO ligand.

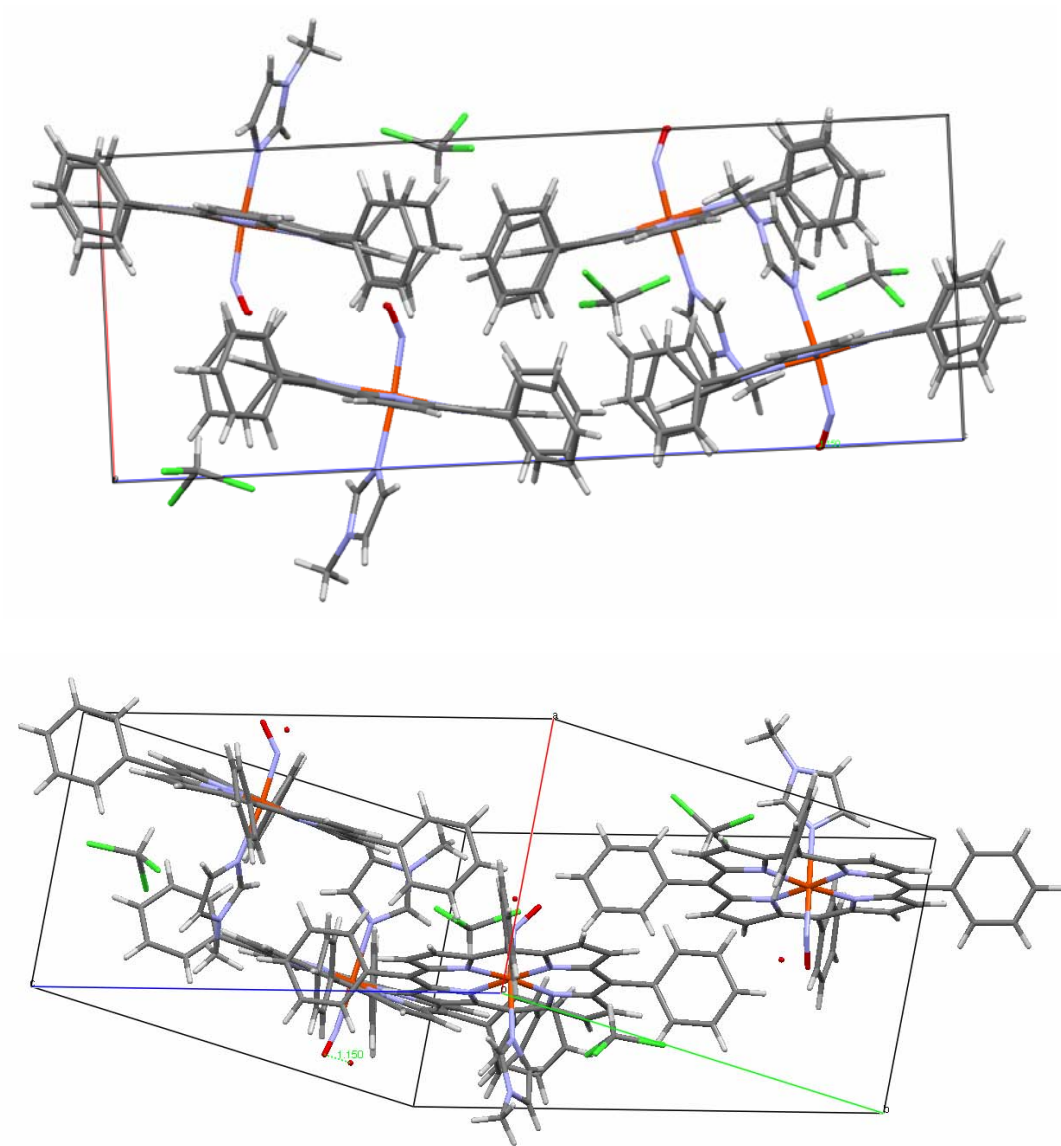


Figure S3. Packing of [Fe(TPP)(MI)(NO)] molecules in the single crystal. See: Wyllie, G. R. A.; Schulz, C. E.; Scheidt, W. R. *Inorg. Chem.* **2003**, *42*, 5722-5734.

Table S1. Complete list of force constants of complex **1** invoked in the fit of the NRVS data of this compound, based on the BP86/TZVP result.

Force Constant	BP86/TZVP	QCC-NCA
Fe-NO [1]	3.2408	2.574 [2.55 – 2.60]
N-O [2]	12.219	11.55
Fe-N-O [60]	0.6944	0.773 [0.76 – 0.78]
Fe-NO/N-O	0.7387	0.336
Fe-NO/Fe-N-O	0.3385	0.399 [0.37 – 0.40]
N-O/Fe-N-O	0.3110	0.403
Fe-N _{IM} [7]	0.5635	0.7835
[7]/[1]	0.1820	0.1220
[7]/[2]	0.1139	0.1139
Fe-N _{Pyr} [3 – 6]	1.8581, 1.8561, 2.0073, 2.0320	1.7881, 1.7561, 2.2473, 2.2120
[3]/[5], [4]/[6]	0.2376, 0.2432	0.1876, 0.1532
[3]/[4], [3]/[6], [4]/[5], [5]/[6]	-0.0719, -0.1100, -0.1045, -0.1123	-0.0719, -0.0800, -0.0745, -0.0723
ON-Fe-N _{Pyr} [61 – 64]	0.5860, 0.5390, 0.5855, 0.6164	0.6460, 0.6090, 0.5855, 0.6564
(Im)N-Fe-N _{Pyr} [65 – 68]	0.6397, 0.5586, 0.6894, 0.5583	0.5297, 0.6486, 0.4794, 0.5383
[7]/C-N _{IM} [52]	0.1245	0.2245
[7]/[60]	0.0045	0.1545
[7]/[61 – 64]	-0.1762, -0.0689, -0.0435, -0.1046	-0.1262, -0.1089, -0.1235, -0.1146
[7]/[65 – 68]	0.0786, 0.1244, 0.1413, 0.0488	0.0486, 0.1044, 0.1218, 0.0888
[60]/[3 – 6]	-0.0349, -0.0359, -0.0179, -0.0157	0.0349, 0.0359, 0.0179, 0.0157
[60]/[61 – 64]	0.0410, 0.0358, -0.0651, -0.0566	0.0210, 0.0258, -0.0351, -0.0366
[60]/[65 – 68]	0.0549, 0.0486, -0.0304, -0.0272	0.0549, 0.0386, -0.0104, -0.0072
Fe-N-C _{IM} [117]	0.7610	1.2810
[7]/[117]	-0.0314	0.0384
τ (Fe-NO) [162]	0.0252	0.0275
τ (Fe-N _{IM}) [163]	0.0453	0.0133
[162]/[163]	0.0003	0.0041
δ^{ip} (Porphyrin) [73 – 92] ^a	2.7665, 1.3946, 1.3886, 2.7616, 2.7685, 1.3965, 1.3963, 2.7762, 2.7629, 1.3945, 1.3947, 2.7748, 2.7901, 1.3898, 1.3949, 2.7663, 1.0244, 1.0287, 1.0290, 1.0288	2.8665, 1.4946, 1.4886, 2.8616, 2.8685, 1.4965, 1.4963, 2.8762, 2.8629, 1.4945, 1.4947, 2.8748, 2.8901, 1.4898, 1.4949, 2.8663, 1.0245, 1.0288, 1.0290, 1.0288
δ^{ip} (Porphyrin) [109 – 116]	0.8332, 0.8258, 0.8140, 0.8203, 0.8058, 0.8119, 0.8301, 0.8285	1.0332, 1.0258, 1.0140, 1.0203, 1.0058, 1.0119, 1.0301, 1.0285
δ^{op} (Porphyrin): γ (Pyr) [134 – 153]	0.2291, 0.4013, 0.2567, 0.2568, 0.4082, 0.2380, 0.3971, 0.2537, 0.2525, 0.3969, 0.3337, 0.4045, 0.2241, 0.3722, 0.3436, 0.2424, 0.4007, 0.2556, 0.2557, 0.4077	0.2291, 0.4213, 0.2767, 0.2768, 0.4282, 0.2480, 0.4171, 0.2737, 0.2725, 0.4169, 0.3337, 0.4245, 0.2441, 0.3922, 0.3636, 0.2424, 0.4207, 0.2756, 0.2757, 0.4277
δ^{op} (Porphyrin): γ (Methine) [154 – 157]	0.3154, 0.3006, 0.2992, 0.3086	0.3554, 0.3406, 0.3392, 0.3486
τ (Porphyrin) [164 – 175]	0.2226, 0.2159, 0.2278, 0.2219, 0.2144, 0.2268, 0.2035, 0.4107, 0.2494, 0.2243, 0.2131, 0.2277	0.2826, 0.2759, 0.2878, 0.2819, 0.2744, 0.2868, 0.2635, 0.4707, 0.3094, 0.2843, 0.2731, 0.2877
τ (Porphyrin): τ (Methine) [176 – 183]	0.2095, 0.1983, 0.1957, 0.1700, 0.1830, 0.2048, 0.2003, 0.1912	0.3295, 0.3183, 0.3157, 0.2900, 0.3030, 0.3248, 0.3203, 0.3112
δ^{op} (MI) [158 – 161]	0.3606, 0.6281, 0.5074, 0.3383	0.4206, 0.7081, 0.5774, 0.3983
τ (MI) [184 – 189]	0.1488, 0.9985, 0.2258, 1.0439, 0.1424, 0.0174	0.2088, 1.4585, 0.2858, 1.5039, 0.2024, 0.1074

^a The δ (Fe-N-C) coordinates are [73], [76], [77], [80], [81], [84], [85], [88] with values of about 2.86 – 2.90 mdyn/Å in the QCC-NCA simulation. MI = 1-methylimidazole; Pyr = pyrrole; IM = imidazole.

Table S2. Vibrational assignments for [Fe(TPP)(MI)(NO)] (**1**) based on the BP86/TZVP calculation but applying the force constants for the Fe-N-O unit from ref. 6c ('adjusted' BP86/TZVP; cf. Figure 3).

Experiment		adjusted BP86/TZVP ^b				Literature (Exp.) ^e
ν [cm ⁻¹] (Δ) ^a	Polarization	ν [cm ⁻¹]	Sym/Int ^c	Polarization	Assignment ^d	[Fe(TPP)(MI)(CO)]
563 (-12)	ip/oop = 2:3	565		ip	$\delta_{ip}(\text{Fe-N-O})$	
		553				
		551		ip	21% $\delta_{ip}(\text{Fe-N-O})$	
530	ip/oop = 1:1	545/541		ip	~10% $\delta_{ip}(\text{Fe-N-O}) + \gamma C_{\alpha} C_M + \text{Pyr.fold}$	
		519/518	E_u	ip/oop = 2:1	$\gamma(\text{Ph}) + \delta_{ip}(\text{N-Fe-N}) + \text{Pyr.trans}$	
472 (-3) (two components)	ip/oop = 2:1	459	E_u / s	ip/oop = 1:1	Pyr.rot + 26% $\nu(\text{Fe-NO}) + \nu(\text{Fe-N}_{\text{Pyr}})$ (ν_{49}/ν_{50})	471/470 , E_u , ν_{49}/ν_{53}
		459		ip	Pyr.rot + $\nu(\text{Fe-N}_{\text{Pyr}})$ (ν_{49}/ν_{50})	
		442	/ w	oop	Pyr.rot (ν_{49})	
437 (-8)	oop	437	/ s	oop	$\nu(\text{Fe-NO}) + \text{Pyr.rot}$	
405	ip	400/399	E_u / w	ip	Pyr.trans + $\nu(\text{Fe-N}_{\text{Pyr}})$ (ν_{53}/ν_{50})	420/410 , E_u , ν_{50}/ν_{53}
		378	A_{1g} / vw	ip/oop = 1:2.5	$\nu(\text{Fe-N}_{\text{Pyr}})$	
372	ip	362	w	ip	IM. rot	
338 (-2)	ip	335	E_u / vs	ip	$\nu(\text{Fe-N}_{\text{Pyr}}) + \text{Pyr.rot} + \text{Pyr.tilt} + \delta_{oop}(\text{ON-Fe-N}_{\text{Pyr}}) + 20\% \tau(\text{NO})$ (ν_{50}/ν_{49})	338/325 , E_u , $\nu_{49}/\nu_{50}/\nu_{53}$
				ip/oop = 3.5:1	$\nu(\text{Fe-N}_{\text{Pyr}}) + \text{Pyr.rot} + \text{Pyr.tilt}$ (ν_{50}/ν_{49})	
318	ip/oop = 3.4:1	318		ip/oop = 3.5:1	$\nu(\text{Fe-N}_{\text{Pyr}}) + \text{Pyr.rot} + \text{Pyr.tilt}$ (ν_{50}/ν_{49})	
297	ip/oop = 5.3:1	301	/ m	ip	Pyr.swif + $\nu(\text{Fe-N}_{\text{Pyr}})$	
		299	E_u / s	ip	Pyr.tilt + $\nu(\text{Fe-N}_{\text{Pyr}}) + \text{Pyr.swif} + \text{Pyr.rot}$ (ν_{50}/ν_{49})	301
		288		ip/oop = 3.9:1	Pyr.tilt + $\nu(\text{Fe-N}_{\text{Pyr}}) + \text{Pyr.rot}$ (ν_{50}/ν_{49})	
248	ip	251	E_u / mw	ip	$\gamma(\text{Ph}) + \delta_{oop}(\text{IM}) + \text{Pyr.tilt} + 7\% \tau(\text{NO})$	255/244, E_u , ν_{42}/ν_{50}
		239			$\gamma(\text{Ph}) + \text{Pyr.tilt} + 7\% \delta_{ip}(\text{Fe-N-O})$	
		220	/ mw	ip	$\delta_{oop}(\text{IM}) + \tau(\text{IM})$	
209 (-6)	ip/oop = 1:1	196/195	/ m	ip	20% $\tau(\text{NO}) + \text{Pyr.tilt}$	226, $\nu(\text{Fe-N}_{\text{IM}})$, oop (different mode)
				oop	$\text{Pyr.tilt} + \gamma C_{\alpha} C_M + 9\% \tau(\text{NO})$	
180	ip/oop = 1:3	148		ip/oop = 1:5	43% $\delta_{ip}(\text{Fe-N-C}_{\text{IM}}) + \nu(\text{Fe-N}_{\text{IM}})$	172, $\delta^{\text{ip}}(\text{Im})$
		140	/ w		$\delta_{oop}(\text{Fe-IM}) + \nu(\text{Fe-N}_{\text{IM}})$	
149	oop	131	A_{2u} / s	oop	21% $\nu(\text{Fe-N}_{\text{IM}}) + \text{Pyr.tilt}$ (γ_9)	124, γ_9/γ_6 , oop
		124	/ s		19% $\nu(\text{Fe-N}_{\text{IM}}) + \delta_{oop}(\text{Fe-IM}) + \text{Pyr.tilt}$	
		118	B_{2g} / s		7% $\nu(\text{Fe-N}_{\text{IM}}) + \delta_{ip}(\text{N-Fe-N})$	

^a (Δ) = ¹⁵N/¹⁸O isotope shift.

^b Using BP86/TZVP plus the calculated force constants for the Fe-N-O unit from ref. 6c.

^c Symmetry (Sym) and calculated intensity (Int): vs = very strong, s = strong, m = medium, mw = medium weak, w = weak, vw = very weak.

^d For nomenclature see Paulat et al., *Inorg. Chem.* **2006**, *45*, 2835. Classification of porphyrin modes by Spiro: ν_{42} : $\delta(\text{C}_M\text{-X})$ (E_u); ν_{49} : Pyrrole (Pyr.) in-plane (ip) rotation (E_u); ν_{50} : $\nu(\text{Fe-N}_{\text{Pyr}})$ (E_u); ν_{53} : Pyr. ip translation (E_u); γ_9 : out-of-plane (oop) doming (A_{2u}); γ_6 : oop Pyr. tilting (A_{2u}) [Li et al., *J. Am. Chem. Soc.* **1989**, *111*, 7012 & *J. Phys. Chem.* **1990**, *94*, 31].

^e From ref.: Rai et al. *J. Am. Chem. Soc.* **2003**, *125*, 6927.

Table S3. Cartesian coordinates of the fully optimized structure of **1** using BP86/LanL2DZ*.

Fe	0.04815200	0.01231400	-0.38284900
N	-1.86326300	-0.69106200	-0.38292900
N	-0.67670900	1.91577100	-0.32349100
N	1.92407300	0.71740100	-0.21498200
N	0.73846200	-1.86822100	-0.26139300
C	-2.26821700	-2.01077000	-0.24555500
C	-3.71954300	-2.09904900	-0.26418100
H	-4.29610000	-3.01876400	-0.13908000
C	-4.19139400	-0.81907000	-0.45119700
H	-5.23011600	-0.48389700	-0.50718100
C	-3.02691700	0.05088700	-0.51838000
C	-3.11399400	1.45982700	-0.60353600
C	-4.47107600	2.06880400	-0.80274000
C	-1.99559300	2.31399100	-0.47539100
C	-2.09261500	3.76636200	-0.44958700
H	-3.01541800	4.33856100	-0.57037700
C	-0.81936300	4.24395400	-0.24438200
H	-0.49681900	5.28331600	-0.14754600
C	0.05771800	3.08381600	-0.19438400
C	1.46176600	3.17088500	-0.07077600
C	2.09191700	4.52530900	0.07426000
C	2.31509200	2.04657400	-0.12877800
C	3.76349700	2.15090000	-0.19540400
H	4.32614100	3.08721600	-0.16823600
C	4.24847700	0.87218300	-0.34932200
H	5.28687200	0.55399000	-0.46869100
C	3.09741500	-0.01485900	-0.34390900
C	3.18775400	-1.42097400	-0.43441000
C	4.53918000	-2.05031400	-0.60258200
C	2.06198000	-2.27067900	-0.35399800
C	2.15612600	-3.71996600	-0.29066700
H	3.08697400	-4.29091100	-0.33009800
C	0.87183100	-4.19406100	-0.15627000
H	0.53951100	-5.23265400	-0.08766400
C	-0.00569400	-3.03413300	-0.15156200
C	-1.41440900	-3.12804800	-0.10801300
C	-2.03023200	-4.48736200	0.04877100
N	0.20981400	-0.03529400	-2.09119400
O	0.97501500	-0.42273200	-2.92210300
N	-0.05376100	-0.00255600	1.80972800
C	0.99825800	-0.05730100	2.70679800
C	0.50547900	-0.05183700	4.00566900
N	-0.87941600	0.00778500	3.88517400
C	-1.16773700	0.03554700	2.54501500
H	2.03402900	-0.09379200	2.36463800
H	1.00212400	-0.08560400	4.97728200
C	-1.84746200	0.04320100	4.97903700
H	-2.86668300	0.05253300	4.55695500
H	-1.74068000	-0.84995500	5.62197100
H	-1.70973400	0.95207900	5.59380100
H	-2.18527600	0.07861800	2.15201300
C12	-5.08551100	2.85114200	0.20731300
H12	-4.55708300	3.00991800	1.15818000

C12	-6.36474200	3.41171500	0.01119100
H12	-6.82527400	4.01035800	0.80994400
C12	-7.05284000	3.20317800	-1.20354500
H12	-8.04861400	3.64173800	-1.35896900
C12	-6.45104500	2.42644000	-2.21693100
H12	-6.97497100	2.26098900	-3.16897200
C12	-5.17436700	1.86195800	-2.01615900
H12	-4.70518900	1.26401600	-2.81021400
C20	2.05637300	5.46749200	-0.98410700
H20	1.56528500	5.19399300	-1.92865100
C20	2.66114500	6.73379700	-0.84370100
H20	2.63002800	7.44666800	-1.67984600
C20	3.30930900	7.08314300	0.36073000
H20	3.77913400	8.07068400	0.47092600
C20	3.35140000	6.15248400	1.42117600
H20	3.85173300	6.41371500	2.36450200
C20	2.75109300	4.88434200	1.27651400
H20	2.78117900	4.16238100	2.10500900
C28	4.86349100	-2.72887300	-1.80418300
H28	4.11808600	-2.77128400	-2.61072200
C28	6.12850900	-3.32806000	-1.97581300
H28	6.36275600	-3.84253000	-2.91849500
C28	7.09106900	-3.26506200	-0.94521400
H28	8.07645000	-3.73367300	-1.07762300
C28	6.77761400	-2.59503700	0.25697500
H28	7.51685500	-2.54477700	1.06902000
C28	5.51404500	-1.99123800	0.42450400
H28	5.27106900	-1.48031400	1.36705700
C36	-1.86649200	-5.21501500	1.25426500
H36	-1.28969800	-4.76578800	2.07524000
C36	-2.44221400	-6.49284800	1.41165000
H36	-2.30845000	-7.03778800	2.35697500
C36	-3.18754900	-7.07053400	0.36122800
H36	-3.63378300	-8.06778900	0.48141900
C36	-3.35227900	-6.35771900	-0.84597000
H36	-3.92318700	-6.80061300	-1.67433100
C36	-2.78058600	-5.07748800	-0.99913100
H36	-2.89958700	-4.53151800	-1.94566600

Table S4. Cartesian coordinates of the fully optimized structure of **1** using BP86/TZVP.

Fe	0.04625100	0.01166800	-0.38642200
N	-1.84167000	-0.73386100	-0.37842600
N	-0.72164300	1.89129900	-0.32231800
N	1.90190900	0.75929200	-0.21238800
N	0.78263200	-1.84882200	-0.26684100
C	-2.20993200	-2.06145900	-0.25956600
C	-3.65135000	-2.17986900	-0.27912500
H	-4.20130000	-3.11087500	-0.17738200
C	-4.15158400	-0.92027200	-0.44371600
H	-5.19233800	-0.61430800	-0.49955700
C	-3.01931600	-0.02078300	-0.50230400
C	-3.13526300	1.37726500	-0.57602500
C	-4.50468300	1.95593300	-0.76064300
C	-2.04640100	2.25575000	-0.46191600
C	-2.17030700	3.69868000	-0.44064400
H	-3.10239300	4.24570400	-0.54686600
C	-0.91651800	4.20180800	-0.25657300
H	-0.61693400	5.24264300	-0.17642800
C	-0.01371200	3.07136600	-0.20547600
C	1.37929700	3.18620500	-0.08761400
C	1.97216000	4.55664000	0.04185700
C	2.25842100	2.09342100	-0.12683100
C	3.69817700	2.22366000	-0.16637400
H	4.23679100	3.16587800	-0.12396800
C	4.21002100	0.96625700	-0.30303300
H	5.25168400	0.67138400	-0.38941000
C	3.08798500	0.05454600	-0.32174900
C	3.20669600	-1.34020100	-0.40918800
C	4.57523900	-1.93320500	-0.54991100
C	2.11173200	-2.21569600	-0.35214500
C	2.23414000	-3.65598600	-0.30121000
H	3.17245700	-4.20142500	-0.34177900
C	0.97150400	-4.15771400	-0.18499100
H	0.66655300	-5.19833200	-0.12586500
C	0.06678100	-3.02835400	-0.17380400
C	-1.33077900	-3.14901500	-0.13947600
C	-1.91493900	-4.52210000	-0.00637400
N	0.21728000	-0.02365200	-2.11866300
O	0.99039300	-0.36813600	-2.94901000
N	-0.05215400	-0.00013200	1.81503100
C	0.99655700	-0.00134600	2.71233700
C	0.50454300	-0.02181200	3.99719700
N	-0.87677600	-0.03434300	3.87623000
C	-1.16354600	-0.02001800	2.54191400
H	2.02642500	0.01633000	2.37260500
H	0.99572100	-0.03102900	4.96454900
C	-1.84424500	-0.05092100	4.96764100
H	-2.85466600	-0.09350200	4.54331700
H	-1.69106900	-0.93413900	5.60389900
H	-1.75400900	0.85849400	5.57901500
H	-2.17558500	-0.02879700	2.14907200
C12	-5.15795300	2.63585000	0.28307200
H12	-4.65419400	2.74238100	1.24667200
C12	-6.43851800	3.16843000	0.09988200

H12	-6.93154900	3.69039700	0.92347000
C12	-7.08815100	3.02943800	-1.13160500
H12	-8.08788800	3.44525700	-1.27560600
C12	-6.44879700	2.35502200	-2.17772100
H12	-6.94646100	2.24624300	-3.14421500
C12	-5.16877300	1.82221500	-1.99347900
H12	-4.66799700	1.30090700	-2.81238200
C20	2.02135600	5.42932900	-1.05977800
H20	1.62386100	5.09582200	-2.02102800
C20	2.58119700	6.70519000	-0.93514800
H20	2.61600500	7.36818700	-1.80282700
C20	3.10043400	7.12945100	0.29315300
H20	3.53715800	8.12597300	0.39011500
C20	3.05891600	6.26878100	1.39556100
H20	3.46060000	6.59238700	2.35875100
C20	2.49979200	4.99251900	1.27017200
H20	2.46515400	4.32095800	2.13118300
C28	4.98526900	-2.48440600	-1.77708500
H28	4.29571100	-2.46505900	-2.62393300
C28	6.25980900	-3.04335600	-1.91791700
H28	6.56344300	-3.46247400	-2.88005700
C28	7.14444000	-3.06138400	-0.83389800
H28	8.13978500	-3.49766400	-0.94400800
C28	6.74633300	-2.51773800	0.39247100
H28	7.42858300	-2.53298100	1.24575000
C28	5.47212300	-1.95766500	0.53273700
H28	5.16047300	-1.54045400	1.49311000
C36	-1.82263600	-5.22077700	1.21077800
H36	-1.32304700	-4.74660100	2.05873400
C36	-2.36323800	-6.50416600	1.34237300
H36	-2.28475000	-7.03029200	2.29676000
C36	-3.00468900	-7.11168900	0.25726700
H36	-3.42573700	-8.11446400	0.35869400
C36	-3.10092200	-6.42749400	-0.95955500
H36	-3.59334900	-6.89687000	-1.81445400
C36	-2.56039800	-5.14385100	-1.09041400
H36	-2.62749000	-4.61528500	-2.04398700

Table S5. Cartesian coordinates of the fully optimized structure of **1** using B3LYP/LanL2DZ*.

Fe	0.03854600	0.01133200	-0.33674900
N	-1.82420200	-0.81103800	-0.36874600
N	-0.79727400	1.86928300	-0.31496100
N	1.88418100	0.83327200	-0.22371300
N	0.85591400	-1.83596100	-0.25897200
C	-2.13353900	-2.14928100	-0.27692700
C	-3.57314800	-2.32911700	-0.29555700
H	-4.08730700	-3.27963400	-0.21161000
C	-4.12427100	-1.08447500	-0.42602100
H	-5.17524200	-0.82212300	-0.46809400
C	-3.02214300	-0.14073900	-0.46827000
C	-3.19309100	1.25636500	-0.52184300
C	-4.58841500	1.78624500	-0.67386000
C	-2.13286700	2.17717300	-0.42619200
C	-2.31483400	3.61845800	-0.41489400
H	-3.26499900	4.13178600	-0.50572800
C	-1.07363800	4.17045000	-0.27250400
H	-0.81451900	5.22108600	-0.21189300
C	-0.12918000	3.06821400	-0.23018600
C	1.26441300	3.23848400	-0.14431500
C	1.80756500	4.63444500	-0.05189500
C	2.18569800	2.17564600	-0.17610500
C	3.62340600	2.36416400	-0.22785100
H	4.12848600	3.32323000	-0.22239000
C	4.18195100	1.12045000	-0.32346700
H	5.23204600	0.86573900	-0.40820600
C	3.08751800	0.16825800	-0.30839900
C	3.26008400	-1.22681200	-0.36130700
C	4.65367300	-1.76990900	-0.47696000
C	2.19499200	-2.14511300	-0.30879000
C	2.37654200	-3.58421300	-0.25810300
H	3.33225200	-4.09538600	-0.27415900
C	1.12927200	-4.13542900	-0.17735900
H	0.86635200	-5.18586800	-0.13101100
C	0.18335100	-3.03418600	-0.18639800
C	-1.21262400	-3.20823800	-0.17250100
C	-1.74787300	-4.60632700	-0.07108400
N	0.16541800	-0.00829100	-2.10856400
O	0.92047700	-0.32043200	-2.94989600
N	-0.04021000	-0.00128300	1.78904300
C	1.01766800	-0.01969500	2.67169700
C	0.53873900	-0.02719200	3.96479400
N	-0.84175900	-0.01422200	3.85743000
C	-1.13939300	0.00143500	2.52931700
H	2.04310600	-0.02293200	2.32573200
H	1.04414900	-0.04227100	4.92273100
C	-1.79785300	-0.01054300	4.95537500
H	-2.81323800	-0.03559800	4.54611400
H	-1.65596900	-0.89229800	5.59308200
H	-1.68593400	0.89589200	5.56417000
H	-2.15267900	0.00989000	2.14801800
C12	-5.23225300	2.46699400	0.37857700
H12	-4.70485100	2.61028800	1.32234200

C12	-6.54000000	2.95377900	0.22966000
H12	-7.02107100	3.47379500	1.05903300
C12	-7.22761600	2.77156700	-0.98077100
H12	-8.24316100	3.15097500	-1.09924400
C12	-6.59547700	2.09717600	-2.03763800
H12	-7.11730900	1.95355600	-2.98449400
C12	-5.28993000	1.60705300	-1.88289500
H12	-4.80195600	1.08842800	-2.70865500
C20	1.75762600	5.50774100	-1.15628800
H20	1.32147700	5.15796600	-2.09247700
C20	2.27327600	6.80975900	-1.06705700
H20	2.23090600	7.46796500	-1.93567700
C20	2.84439400	7.26332900	0.13286400
H20	3.24337500	8.27585400	0.20364500
C20	2.89886900	6.40158300	1.23998800
H20	3.33880000	6.74303500	2.17781200
C20	2.38725200	5.09820800	1.14531100
H20	2.42983100	4.43221800	2.00783200
C28	5.07961300	-2.38344900	-1.67187500
H28	4.38667900	-2.44962100	-2.51113800
C28	6.38042700	-2.89495200	-1.79392400
H28	6.69194200	-3.36013700	-2.72986500
C28	7.27839500	-2.80662200	-0.71811800
H28	8.28927400	-3.20520400	-0.81104200
C28	6.86369900	-2.20037700	0.47842300
H28	7.55082500	-2.12982300	1.32253400
C28	5.56372300	-1.68472600	0.59497700
H28	5.24638400	-1.21996600	1.52909300
C36	-1.62831900	-5.33459100	1.12906100
H36	-1.14627200	-4.86755200	1.98858600
C36	-2.12608200	-6.64271600	1.23072700
H36	-2.02722000	-7.18731500	2.17057600
C36	-2.74853200	-7.24917700	0.12793400
H36	-3.13298500	-8.26690100	0.20399600
C36	-2.86951400	-6.53434600	-1.07451200
H36	-3.34534300	-6.99663800	-1.94018800
C36	-2.37519000	-5.22452600	-1.17079300
H36	-2.46452800	-4.67727500	-2.10968600

Table S6. Cartesian coordinates of the fully optimized structure of **1** using B3LYP/TZVP.

Fe	0.03753600	0.01188200	-0.34468500
N	-1.83074900	-0.78382300	-0.35458100
N	-0.77311100	1.87414700	-0.31044400
N	1.88765500	0.80865500	-0.22731000
N	0.83026400	-1.84043900	-0.26414900
C	-2.15237200	-2.11463600	-0.27497600
C	-3.58662800	-2.27132100	-0.30147500
H	-4.10959900	-3.21055700	-0.23603700
C	-4.11827600	-1.03060900	-0.42227100
H	-5.15963800	-0.76011200	-0.47240400
C	-3.01508700	-0.10001000	-0.45562700
C	-3.16215900	1.29046100	-0.50969300
C	-4.54782600	1.83894100	-0.66140200
C	-2.10005100	2.19567300	-0.42132000
C	-2.25694400	3.63211900	-0.41298300
H	-3.19450900	4.15489400	-0.49864400
C	-1.01969000	4.16372900	-0.27705900
H	-0.74938400	5.20492800	-0.22545900
C	-0.09032600	3.05903400	-0.22966400
C	1.29678100	3.20576700	-0.14523800
C	1.85440800	4.59409200	-0.05612100
C	2.20316200	2.14227800	-0.17013700
C	3.63702500	2.30449900	-0.19772900
H	4.15353600	3.24916600	-0.17012100
C	4.17503000	1.06498300	-0.29010600
H	5.21687200	0.79843100	-0.34916800
C	3.07701400	0.12877800	-0.30206900
C	3.22616600	-1.25932300	-0.35707000
C	4.61343500	-1.81729700	-0.45437800
C	2.16054300	-2.16284400	-0.31705300
C	2.31770000	-3.59732000	-0.27813700
H	3.26018900	-4.11800000	-0.30283200
C	1.07513000	-4.12882100	-0.20280500
H	0.80264400	-5.16986800	-0.16199400
C	0.14345700	-3.02534100	-0.20029200
C	-1.24597900	-3.17531500	-0.18513400
C	-1.79861400	-4.56579100	-0.10407200
N	0.15739600	-0.00881100	-2.13060100
O	0.89878200	-0.31842200	-2.97421200
N	-0.03342900	-0.00079700	1.81049000
C	1.02173100	0.01744400	2.69127700
C	0.54796600	-0.00552300	3.97150200
N	-0.82751500	-0.03977700	3.86789200
C	-1.12600800	-0.03497100	2.54608100
H	2.03943800	0.05010700	2.34619400
H	1.04978500	-0.00326700	4.92343800
C	-1.77856900	-0.06772000	4.96671100
H	-2.78586200	-0.12695600	4.55940800
H	-1.60481300	-0.93909300	5.59901300
H	-1.69538500	0.83753700	5.56957100
H	-2.13384300	-0.06090100	2.16912700
C12	-5.21695200	2.42721200	0.41556100
H12	-4.72146000	2.48900100	1.37706400

C12	-6.50518300	2.93139100	0.26589200
H12	-7.00847900	3.38144600	1.11338200
C12	-7.14653100	2.85526400	-0.96632900
H12	-8.14943300	3.24735500	-1.08425000
C12	-6.49086000	2.27257700	-2.04626800
H12	-6.98060800	2.21258200	-3.01086400
C12	-5.20306100	1.76883800	-1.89422600
H12	-4.69402200	1.31958800	-2.73821900
C20	1.96047700	5.39865400	-1.19385200
H20	1.63307100	5.00903800	-2.15011600
C20	2.48474700	6.68463200	-1.10889700
H20	2.56270500	7.29308800	-2.00199600
C20	2.91109400	7.18687400	0.11663500
H20	3.31914600	8.18819800	0.18294700
C20	2.81007400	6.39505500	1.25607900
H20	3.13785900	6.77862500	2.21498800
C20	2.28605700	5.10899400	1.16904900
H20	2.20754100	4.49446900	2.05777500
C28	5.11261300	-2.25897600	-1.68265000
H28	4.48659700	-2.18716200	-2.56371200
C28	6.39791400	-2.78255900	-1.78086600
H28	6.76938500	-3.11770500	-2.74188400
C28	7.20449600	-2.87318500	-0.65084100
H28	8.20541700	-3.28055500	-0.72669800
C28	6.71798400	-2.43670700	0.57733800
H28	7.33824900	-2.50621700	1.46305800
C28	5.43258400	-1.91273200	0.67358200
H28	5.05563500	-1.57789700	1.63248000
C36	-1.80593900	-5.26053700	1.10838900
H36	-1.40833800	-4.78091900	1.99470600
C36	-2.31459600	-6.55339000	1.18612200
H36	-2.31311400	-7.07569700	2.13547700
C36	-2.82449300	-7.17331700	0.04980200
H36	-3.21940000	-8.18032300	0.10861700
C36	-2.82111900	-6.49221100	-1.16344600
H36	-3.21102000	-6.96873400	-2.05499000
C36	-2.31239700	-5.19942500	-1.23898100
H36	-2.30652800	-4.67460100	-2.18655200

Table S7. Internal coordinate definitions for [Fe(TPP)(MI)(NO)], using the atomic numbering scheme provided via the list of Cartesian coordinates above. Internal coordinate types (1 – 6) follow the general nomenclature by Schachtschneider that is commonly used in Normal Coordinate Analysis (NCA) software. The type of internal coordinate is listed first in every line, followed by the numbers of the atoms that define the coordinate. For example, ‘1 1 38’ is a stretch (type 1) between atoms 1 and 38.

0	0	0	
1	1	38	R:Fe-N(O)
1	38	39	R:N-O
1	1	2	R:Fe-N2
1	1	3	R:Fe-N3
1	1	4	R:Fe-N4
1	1	5	R:Fe-N5
1	1	40	R:Fe-N(Im)
1	2	6	R:N2-C6
1	2	11	R:N2-C11
1	3	14	R:N3-C14
1	3	19	R:N3-C19
1	4	22	R:N4-C22
1	4	27	R:N4-C27
1	5	30	R:N5-C30
1	5	35	R:N5-C35
1	6	7	R:C6-C7
1	7	9	R:C7-C9
1	9	11	R:C9-C11
1	14	15	R:C14-C15
1	15	17	R:C15-C17
1	17	19	R:C17-C19
1	22	23	R:C22-C23
1	23	25	R:C23-C25
1	25	27	R:C25-C27
1	30	31	R:C30-C31
1	31	33	R:C31-C33
1	33	35	R:C33-C35
1	11	12	R:C11-M12
1	12	14	R:M12-C14
1	19	20	R:C19-M20
1	20	22	R:M20-C22
1	27	28	R:C27-M28
1	28	30	R:M28-C30
1	35	36	R:C35-M36
1	36	6	R:M36-C6
1	7	8	R:C7-H
1	9	10	R:C9-H
1	15	16	R:C15-H
1	17	18	R:C17-H
1	23	24	R:C23-H
1	25	26	R:C25-H
1	31	32	R:C31-H
1	33	34	R:C33-H
1	12	13	R:M12-C13
1	20	21	R:M20-C21
1	28	29	R:M28-C29
1	36	37	R:M36-C37

1	40	41		R:N40-C41
1	41	42		R:C41-C42
1	42	43		R:C42-N43
1	43	44		R:N43-C44
1	44	40		R:C44-N40
1	41	45		R:C41-H
1	42	46		R:C42-H
1	43	47		R:N43-C47
1	44	51		R:C44-H
1	47	48		R:C47-H
1	47	49		R:C47-H
1	47	50		R:C47-H
2	1	38	39	a:Fe-N-O
2	38	1	2	a1:N(O)-Fe-N2
2	38	1	3	a1:N(O)-Fe-N3
2	38	1	4	a1:N(O)-Fe-N4
2	38	1	5	a1:N(O)-Fe-N5
2	40	1	2	a1:N(Im)-Fe-N2
2	40	1	3	a1:N(Im)-Fe-N3
2	40	1	4	a1:N(Im)-Fe-N4
2	40	1	5	a1:N(Im)-Fe-N5
2	2	1	3	a1:N2-Fe-N3
2	3	1	4	a1:N3-Fe-N4
2	4	1	5	a1:N4-Fe-N5
2	5	1	2	a1:N5-Fe-N2
2	1	2	6	a2:Fe-N2-C6
2	6	7	9	a2:C6-C7-C9
2	7	9	11	a2:C7-C9-C11
2	11	2	1	a2:C11-N2-Fe
2	1	3	14	a2:Fe-N3-C14
2	14	15	17	a2:C14-C15-C17
2	15	17	19	a2:C15-C17-C19
2	19	3	1	a2:C19-N3-Fe
2	1	4	22	a2:Fe-N4-C22
2	22	23	25	a2:C22-C23-C25
2	23	25	27	a2:C23-C25-C27
2	27	4	1	a2:C27-N4-Fe
2	1	5	30	a2:Fe-N5-C30
2	30	31	33	a2:C30-C31-C33
2	31	33	35	a2:C31-C33-C35
2	35	5	1	a2:C35-N5-Fe
2	11	12	14	a3:C11-M12-C14
2	19	20	22	a3:C19-M20-C22
2	27	28	30	a3:C27-M28-C30
2	35	36	6	a3:C35-M36-C6
2	6	7	8	a4:C6-C7-H
2	9	7	8	a4:C9-C7-H
2	7	9	10	a4:C7-C9-H
2	11	9	10	a4:C11-C9-H
2	14	15	16	a4:C14-C15-H
2	17	15	16	a4:C17-C15-H
2	15	17	18	a4:C15-C17-H
2	19	17	18	a4:C19-C17-H
2	22	23	24	a4:C22-C23-H
2	25	23	24	a4:C25-C23-H
2	23	25	26	a4:C23-C25-H
2	27	25	26	a4:C27-C25-H

2	30	31	32		a4:C30-C31-H
2	33	31	32		a4:C33-C31-H
2	31	33	34		a4:C31-C33-H
2	35	33	34		a4:C35-C33-H
2	11	12	13		a5:C11-M12-C13
2	14	12	13		a5:C14-M12-C13
2	19	20	21		a5:C19-M20-C21
2	22	20	21		a5:C22-M20-C21
2	27	28	29		a5:C27-M28-C29
2	30	28	29		a5:C30-M28-C29
2	35	36	37		a5:C35-M36-C37
2	6	36	37		a5:C6-M36-C37
2	1	40	41		a6:Fe-N40-C41
2	40	41	45		a6:N40-C41-H
2	42	41	45		a6:C42-C41-H
2	41	42	43		a6:C41-C42-N43
2	41	42	46		a6:C41-C42-H
2	43	42	46		a6:N43-C42-H
2	42	43	44		a6:C42-N43-C44
2	42	43	47		a6:C42-N43-C47
2	44	43	47		a6:C44-N43-C47
2	43	44	51		a6:N43-C44-H
2	40	44	51		a6:N40-C44-H
2	43	47	48		a6:N43-C47-H
2	43	47	49		a6:N43-C47-H
2	43	47	50		a6:N43-C47-H
2	48	47	49		w:H-C47-H
2	48	47	50		w:H-C47-H
2	49	47	50		w:H-C47-H
3	1	2	6	11	g:Pyrr
3	36	6	7	2	g:Pyrr
3	8	7	9	6	g:Pyrr
3	10	9	11	7	g:Pyrr
3	12	11	2	9	g:Pyrr
3	1	3	14	19	g:Pyrr
3	12	14	15	3	g:Pyrr
3	16	15	17	14	g:Pyrr
3	18	17	19	15	g:Pyrr
3	20	19	3	17	g:Pyrr
3	1	4	22	27	g:Pyrr
3	20	22	23	4	g:Pyrr
3	24	23	25	22	g:Pyrr
3	26	25	27	23	g:Pyrr
3	28	27	4	25	g:Pyrr
3	1	5	30	35	g:Pyrr
3	28	30	31	5	g:Pyrr
3	32	31	33	30	g:Pyrr
3	34	33	35	31	g:Pyrr
3	36	35	5	33	g:Pyrr
3	13	12	14	11	g:Meth
3	21	20	22	19	g:Meth
3	29	28	30	27	g:Meth
3	37	36	6	35	g:Meth
3	45	41	42	40	g:Im
3	46	42	43	41	g:Im
3	47	43	44	42	g:Im
3	51	44	40	43	g:Im

4	5	1	38	1	t:Fe-N(O)
2	3	4	5	40	
39					
4	5	1	40	2	t:Fe-N(Im)
2	3	4	5	38	
41	44				
4	2	6	7	2	t:C-C(H)
2	36				
8	9				
4	2	7	9	2	t:(H)C-C(H)
6	8				
10	11				
4	2	9	11	2	t:C(H)-C
7	10				
2	12				
4	2	14	15	2	t:C-C(H)
3	12				
16	17				
4	2	15	17	2	t:(H)C-C(H)
14	16				
18	19				
4	2	17	19	2	t:C(H)-C
15	18				
3	20				
4	2	4	22	2	t:N-C
1	27				
20	23				
4	2	23	25	2	t:(H)C-C(H)
22	24				
26	27				
4	2	25	27	2	t:C(H)-C
23	26				
4	28				
4	2	30	31	2	t:C-C(H)
5	28				
32	33				
4	2	31	33	2	t:(H)C-C(H)
30	32				
34	35				
4	2	33	35	2	t:C(H)-C
31	34				
5	36				
4	2	11	12	2	t:(H)C-M(C)
2	9				
13	14				
4	2	12	14	2	t:(C)M-C(H)
11	13				
3	15				
4	2	19	20	2	t:(H)C-M(C)
3	17				
21	22				
4	2	20	22	2	t:(C)M-C(H)
19	21				
4	23				
4	2	27	28	2	t:(C)C-M(H)
4	25				
29	30				

4	2	28	30	2	t:(C)M-C(H)
27	29				
5	31				
4	2	35	36	2	t:(H)C-M(C)
5	33				
6	37				
4	2	36	6	2	t:(C)M-C(H)
35	37				
2	7				
4	2	40	41	2	t:Im
1	44				
42	45				
4	2	41	42	2	t:Im
40	45				
43	46				
4	2	42	43	2	t:Im
41	46				
44	47				
4	2	43	44	2	t:Im
42	47				
40	51				
4	2	44	40	2	t:Im
43	51				
1	41				
4	2	43	47	3	t:Im
42	44				
48	49	50			
1	13	52			R13:C-C
1	52	54			R13:C-C
1	54	56			R13:C-C
1	56	58			R13:C-C
1	58	60			R13:C-C
1	60	13			R13:C-C
1	52	53			R13:C-H
1	54	55			R13:C-H
1	56	57			R13:C-H
1	58	59			R13:C-H
1	60	61			R13:C-H
1	21	62			R21:C-C
1	62	64			R21:C-C
1	64	66			R21:C-C
1	66	68			R21:C-C
1	68	70			R21:C-C
1	70	21			R21:C-C
1	62	63			R21:C-H
1	64	65			R21:C-H
1	66	67			R21:C-H
1	68	69			R21:C-H
1	70	71			R21:C-H
1	29	72			R29:C-C
1	72	74			R29:C-C
1	74	76			R29:C-C
1	76	78			R29:C-C
1	78	80			R29:C-C
1	80	29			R29:C-C
1	72	73			R29:C-H
1	74	75			R29:C-H

1	76	77		R29:C-H
1	78	79		R29:C-H
1	80	81		R29:C-H
1	37	82		R37:C-C
1	82	84		R37:C-C
1	84	86		R37:C-C
1	86	88		R37:C-C
1	88	90		R37:C-C
1	90	37		R37:C-C
1	82	83		R37:C-H
1	84	85		R37:C-H
1	86	87		R37:C-H
1	88	89		R37:C-H
1	90	91		R37:C-H
2	60	13	12	A6:C-C-M12
2	12	13	52	a6:C-C-M12
2	13	52	53	a6:C-C-H
2	53	52	54	a6:C-C-H
2	52	54	55	a6:C-C-H
2	55	54	56	a6:C-C-H
2	54	56	57	a6:C-C-H
2	57	56	58	a6:C-C-H
2	56	58	59	a6:C-C-H
2	59	58	60	a6:C-C-H
2	58	60	61	a6:C-C-H
2	61	60	13	A6:C-C-H
2	70	21	20	A6:C-C-M20
2	20	21	62	a6:C-C-M20
2	21	62	63	a6:C-C-H
2	63	62	64	a6:C-C-H
2	62	64	65	a6:C-C-H
2	65	64	66	a6:C-C-H
2	64	66	67	a6:C-C-H
2	67	66	68	a6:C-C-H
2	66	68	69	a6:C-C-H
2	69	68	70	a6:C-C-H
2	68	70	71	a6:C-C-H
2	71	70	21	A6:C-C-H
2	80	29	28	A6:C-C-M28
2	28	29	72	a6:C-C-M28
2	29	72	73	a6:C-C-H
2	73	72	74	a6:C-C-H
2	72	74	75	a6:C-C-H
2	75	74	76	a6:C-C-H
2	74	76	77	a6:C-C-H
2	77	76	78	a6:C-C-H
2	76	78	79	a6:C-C-H
2	79	78	80	a6:C-C-H
2	78	80	81	a6:C-C-H
2	81	80	29	A6:C-C-H
2	90	37	36	A6:C-C-M36
2	36	37	82	a6:C-C-M36
2	37	82	83	a6:C-C-H
2	83	82	84	a6:C-C-H
2	82	84	85	a6:C-C-H
2	85	84	86	a6:C-C-H
2	84	86	87	a6:C-C-H

2	87	86	88		a6:C-C-H
2	86	88	89		a6:C-C-H
2	89	88	90		a6:C-C-H
2	88	90	91		a6:C-C-H
2	91	90	37		A6:C-C-H
3	12	13	52	60	g:M12-C-R2
3	61	60	13	58	g:H-C-R2
3	59	58	56	60	g:H-C-R2
3	57	56	54	58	g:H-C-R2
3	55	54	52	56	g:H-C-R2
3	53	52	13	54	g:H-C-R2
3	20	21	62	70	g:M20-C-R2
3	71	70	21	68	g:H-C-R2
3	69	68	66	70	g:H-C-R2
3	67	66	64	68	g:H-C-R2
3	65	64	62	66	g:H-C-R2
3	63	62	21	64	g:H-C-R2
3	28	29	72	80	g:M28-C-R2
3	81	80	29	78	g:H-C-R2
3	79	78	76	80	g:H-C-R2
3	77	76	74	78	g:H-C-R2
3	75	74	72	76	g:H-C-R2
3	73	72	29	74	g:H-C-R2
3	36	37	82	90	g:M36-C-R2
3	91	90	37	88	g:H-C-R2
3	89	88	86	90	g:H-C-R2
3	87	86	84	88	g:H-C-R2
3	85	84	82	86	g:H-C-R2
3	83	82	37	84	g:H-C-R2
4	2	12	13	2	t:M12-C13
11	14				
52	60				
4	2	13	52	2	t:C-C
12	60				
53	54				
4	2	52	54	2	t:C-C
13	53				
55	56				
4	2	54	56	2	t:C-C
52	55				
57	58				
4	2	56	58	2	t:C-C
54	57				
59	60				
4	2	58	60	2	t:C-C
56	59				
13	61				
4	2	60	13	2	t:C-C
58	61				
12	52				
4	2	20	21	2	t:M20-C21
19	22				
62	70				
4	2	21	62	2	t:C-C
20	70				
63	64				
4	2	62	64	2	t:C-C

21	63				
65	66				
4	2	64	66	2	t:C-C
62	65				
67	68				
4	2	66	68	2	t:C-C
64	67				
69	70				
4	2	68	70	2	t:C-C
66	69				
21	71				
4	2	70	21	2	t:C-C
68	71				
20	62				
4	2	28	29	2	t:M28-C29
27	30				
72	80				
4	2	29	72	2	t:C-C
28	80				
73	74				
4	2	72	74	2	t:C-C
29	73				
75	76				
4	2	74	76	2	t:C-C
72	75				
77	78				
4	2	76	78	2	t:C-C
74	77				
79	80				
4	2	78	80	2	t:C-C
76	79				
29	81				
4	2	80	29	2	t:C-C
78	81				
28	72				
4	2	36	37	2	t:M36-C37
6	35				
82	90				
4	2	37	82	2	t:C-C
36	90				
83	84				
4	2	82	84	2	t:C-C
37	83				
85	86				
4	2	84	86	2	t:C-C
82	85				
87	88				
4	2	86	88	2	t:C-C
84	87				
89	90				
4	2	88	90	2	t:C-C
86	89				
37	91				
4	2	90	37	2	t:C-C
88	91				
36	82				

Table S8. Complete force field for **1** in the basis of the internal coordinates listed above. The force field is based on the BP86/TZVP calculated force field, and then refined using Normal Coordinate Analysis (NCA) as described in the text.

	1	2	3	4	5	6	7	8	9	10	11	12
1	2.574000	0.336000	0.104430	0.105107	0.031807	0.026726	0.121969	-0.027058	-0.026648	-0.026567	-0.029359	-0.011982
2	0.336000	11.550000	0.013636	0.009095	-0.003526	-0.003892	0.113906	0.013709	0.012752	0.010957	0.013924	0.035569
3	0.104430	0.013636	1.788140	-0.071851	0.187607	-0.079950	0.026270	0.521845	0.520760	-0.352503	0.037590	0.049122
4	0.105107	0.009095	-0.071851	1.756140	-0.074455	0.153219	0.017754	0.034158	-0.346180	0.525178	0.523211	-0.344692
5	0.031807	-0.003526	0.187607	-0.074455	2.247320	-0.072312	0.035271	0.048905	0.050729	0.034359	-0.350148	0.536379
6	0.026726	-0.003892	-0.079950	0.153219	-0.072312	2.211960	0.040656	-0.349281	0.029762	0.054832	0.049270	0.027539
7	0.121969	0.113906	0.026270	0.017754	0.035271	0.040656	0.783494	0.002872	0.009829	-0.001548	-0.001210	-0.010019
8	-0.027058	0.013709	0.521845	0.034158	0.048905	-0.349281	0.002872	5.217580	-0.387114	0.011275	0.015538	0.019496
9	-0.026648	0.012752	0.520760	-0.346180	0.050729	0.029762	0.009829	-0.387114	5.215290	-0.481079	0.014047	-0.001796
10	-0.026567	0.010957	-0.352503	0.525178	0.034359	0.054832	-0.001548	0.011275	-0.481079	5.252910	-0.382866	0.011352
11	-0.029359	0.013924	0.037590	0.523211	-0.350148	0.049270	-0.001210	0.015538	0.014047	-0.382866	5.252810	-0.480632
12	-0.011982	0.035569	0.049122	-0.344692	0.536379	0.027539	-0.010019	0.019496	-0.001796	0.011352	-0.480632	5.197580
13	-0.020091	0.046604	0.048393	0.032502	0.520223	-0.346311	0.003748	-0.000657	0.019038	0.019757	0.011530	-0.376065
14	-0.020431	0.051997	0.029419	0.046849	-0.338832	0.524389	-0.006651	0.010687	0.018649	0.020456	-0.005303	0.009422
15	-0.012748	0.037001	-0.344956	0.051107	0.029815	0.542834	-0.012573	-0.483026	0.013529	-0.004803	0.021228	0.015346
16	0.002614	0.027374	0.022400	0.177476	0.009436	-0.276116	0.001269	1.382490	-0.022263	0.206492	-0.038840	-0.009461
17	-0.001594	-0.007843	0.204475	0.183000	0.012490	0.198792	0.011293	1.393680	1.402490	0.012048	0.060707	0.005827
18	-0.000475	0.028295	0.026345	-0.267700	0.011278	0.175171	0.003198	-0.026077	1.374040	-0.208595	-0.031783	-0.006324
19	0.001104	0.028174	-0.274020	0.022141	0.179322	0.010024	0.007535	-0.030332	-0.218986	1.396830	-0.044847	0.211547
20	-0.003252	-0.006592	0.189479	0.204936	0.199009	0.011115	0.000680	0.060842	0.017291	1.407220	1.408020	0.014253
21	0.003661	0.027712	0.185595	0.017198	-0.278180	0.010707	0.007882	-0.037413	0.213437	-0.048328	1.396670	-0.218886
22	-0.008056	0.019589	0.011517	-0.272255	0.038518	0.177155	0.006719	-0.009009	-0.007204	-0.030274	-0.211821	1.380950
23	0.005370	0.009948	0.012167	0.194924	0.205998	0.203678	0.000832	0.007329	0.006703	0.060410	0.011577	1.389910
24	-0.008016	0.026431	0.008220	0.175889	0.025175	-0.273709	0.006733	-0.006618	-0.010779	-0.039032	0.211279	-0.023709
25	-0.008719	0.025095	0.177032	0.009260	-0.271665	0.021131	0.010939	0.211030	-0.038744	-0.010883	-0.006344	-0.030261
26	0.004977	0.010326	0.191805	0.011651	0.195118	0.203947	-0.006991	0.014040	0.058600	0.008256	0.005766	0.060483
27	-0.008075	0.018736	-0.272895	0.011277	0.176222	0.038636	0.012204	-0.216766	-0.028809	-0.008191	-0.008589	-0.036411
28	0.023636	0.030066	0.510921	0.089939	0.076878	0.102398	0.015966	-0.235796	0.995753	-0.492725	0.210607	0.023501
29	0.024965	0.030910	0.081472	0.519908	0.107967	0.077014	0.015144	0.205157	-0.499957	1.040100	-0.259401	-0.025202
30	0.021578	0.027384	0.105811	0.515233	0.106543	0.074929	0.013559	0.026808	-0.024577	-0.262330	1.032020	-0.499327
31	0.007630	0.027752	0.076935	0.095160	0.528958	0.106496	0.017534	-0.016073	0.026845	0.209559	-0.503115	1.008260
32	0.002820	0.042103	0.076867	0.099603	0.518304	0.101124	0.015404	0.026966	-0.018252	0.021429	-0.025207	-0.242175
33	0.002071	0.041104	0.098559	0.076773	0.102009	0.517691	0.015635	-0.023667	0.019622	-0.018180	0.027435	0.207870
34	0.006799	0.026728	0.094166	0.076549	0.106536	0.531191	0.019089	-0.497671	0.204520	0.030092	-0.019335	0.024051
35	0.020614	0.027265	0.516326	0.098960	0.072872	0.103746	0.014462	1.016150	-0.243720	-0.032354	0.027602	-0.017401
36	0.000440	0.002604	-0.029619	-0.009442	-0.004857	0.021448	0.000468	-0.061227	0.009679	-0.001339	-0.002145	-0.000091
37	-0.000020	0.002561	-0.027958	0.020165	-0.004604	-0.009894	0.000401	0.009685	-0.058006	0.025458	-0.001321	-0.000813
38	-0.000093	0.002538	0.023478	-0.031644	-0.010014	-0.005344	0.000285	-0.001270	0.029550	-0.064299	0.010323	-0.001567
39	0.000366	0.002667	-0.009962	-0.029480	0.021515	-0.004952	0.000448	-0.001746	-0.001716	0.010675	-0.062301	0.027267
40	-0.000353	0.002570	-0.004512	0.020280	-0.027698	-0.010401	0.000221	-0.000465	-0.000496	-0.001496	0.025731	-0.059493
41	-0.000768	0.003104	-0.004881	-0.010141	-0.028258	0.021111	0.000135	-0.000736	-0.000412	-0.001723	-0.001785	0.011393
42	-0.000799	0.002857	-0.009802	-0.004209	0.019486	-0.026635	0.000236	-0.002063	-0.001571	-0.000366	-0.000545	-0.001217
43	-0.000325	0.002456	0.021510	-0.004812	-0.010133	-0.029040	0.000442	0.027215	-0.001269	-0.000807	-0.000503	-0.001650
44	-0.000368	0.002664	0.025678	0.042053	0.017294	0.017050	0.001058	-0.012127	0.007112	0.029114	-0.013593	0.007250

45	-0.000759	0.002611	0.016650	0.036782	0.028642	0.016353	0.000879	0.000198	0.007335	-0.013066	0.022140	0.011557
46	-0.002785	0.009822	0.016573	0.016265	0.036454	0.028008	0.000435	0.008437	-0.000541	-0.000230	0.008074	-0.013864
47	-0.000880	0.002587	0.037515	0.017160	0.017634	0.028985	-0.000267	0.022497	-0.012872	0.007519	0.000235	-0.000234
48	0.025025	0.018874	0.004772	-0.006265	-0.001109	0.000676	0.081869	0.001411	0.007453	0.002978	0.002171	0.007416
49	0.005304	0.015063	-0.003052	0.002797	-0.001087	0.001922	-0.054496	-0.000809	-0.003286	-0.000679	-0.000270	-0.002313
50	-0.037734	-0.032787	-0.007396	0.004836	-0.003352	-0.002337	0.001982	-0.012010	-0.018473	-0.001403	0.002499	0.000185
51	0.012156	0.031099	-0.004909	0.001619	0.000562	0.001996	-0.072289	-0.006397	-0.009152	-0.001638	-0.002089	0.000265
52	0.021575	0.001127	0.014320	-0.005304	0.000434	-0.001358	0.224500	0.019219	0.028460	0.012580	0.008742	-0.008253
53	0.001263	0.001221	-0.000579	0.000135	0.002210	0.002171	-0.023090	-0.000502	-0.000065	-0.000020	0.000311	0.003240
54	0.001922	0.003742	0.000188	0.000092	0.000190	0.000297	-0.005916	-0.000750	-0.001100	-0.000256	-0.000282	-0.000110
55	0.001709	-0.002762	0.001017	0.000866	0.001407	0.001242	-0.005884	0.002901	0.003068	0.001582	0.001375	0.001004
56	0.001345	0.001297	0.002160	0.001800	-0.000329	-0.000504	-0.026377	0.005520	-0.003819	0.002529	0.002372	-0.000014
57	0.000627	0.001201	0.000037	0.000053	-0.000336	-0.000083	-0.001759	-0.000007	-0.000061	0.000093	-0.000152	-0.000507
58	0.000935	0.002616	-0.000058	-0.000332	-0.000232	0.000179	-0.001936	-0.000519	-0.000505	-0.000618	-0.000487	-0.000761
59	0.000776	0.002741	-0.000167	0.000108	-0.000069	-0.000367	-0.001897	-0.000629	-0.000718	-0.000212	-0.000418	-0.000802
60	0.399000	0.403000	0.034931	0.035886	0.017904	0.015741	0.154489	0.006591	0.004965	0.004867	0.007451	0.007654
61	0.042323	0.003209	0.053494	-0.009549	-0.042323	-0.030929	-0.126159	-0.041981	-0.012141	0.004184	0.014722	-0.023383
62	0.030182	0.013138	-0.019139	0.057593	-0.020253	-0.045888	-0.108885	0.023751	-0.011020	-0.012763	-0.020794	0.021960
63	0.111809	-0.073291	-0.071858	0.002623	0.031706	0.032884	-0.123477	0.019152	0.013357	-0.007920	0.003935	0.008892
64	0.119089	-0.074402	-0.000677	-0.064353	0.043482	0.030617	-0.114560	-0.014721	-0.011348	0.031399	0.012349	-0.023149
65	-0.088400	0.039891	0.046360	0.011277	-0.013311	-0.026591	0.048639	-0.018469	-0.001623	0.006751	-0.008263	-0.006509
66	-0.094754	0.039968	0.019323	0.038015	-0.040132	-0.014950	0.104359	0.005069	0.013582	-0.023945	-0.009343	0.026690
67	-0.065807	0.030402	-0.027592	-0.005037	0.023581	0.024070	0.121280	0.044942	-0.003592	-0.004518	-0.011901	0.017419
68	-0.054634	0.021627	0.000309	-0.030755	0.016379	0.030011	0.088785	-0.015634	0.007687	0.001422	0.021434	-0.024484
69	-0.012740	0.007357	0.005963	0.005885	0.001361	0.001771	0.013312	-0.076511	0.114061	0.118066	-0.083573	-0.024699
70	-0.006892	-0.001730	-0.012248	0.017681	0.001055	0.007057	0.008180	-0.003265	-0.021687	-0.087196	0.114401	0.111515
71	-0.001806	0.010629	-0.002496	-0.005706	-0.007911	-0.005035	0.009312	-0.025636	-0.004589	-0.011212	-0.025285	-0.082157
72	-0.006201	-0.004245	0.012247	-0.016647	0.004307	-0.002628	0.005020	0.106866	-0.086317	-0.021501	-0.006264	-0.003443
73	-0.011534	0.026680	-0.023272	0.029981	0.030293	-0.587125	-0.018702	0.923753	-0.109129	0.172726	-0.026485	0.004053
74	-0.000543	-0.009582	0.237725	0.093105	0.005044	-0.067408	0.006608	0.634965	0.374717	0.029395	0.011095	0.000577
75	-0.001762	-0.008254	0.237483	-0.074636	0.005743	0.102596	0.005056	0.377801	0.624581	-0.130902	0.017472	-0.000688
76	-0.035296	0.018586	-0.029240	-0.548639	0.024977	0.017776	-0.003416	-0.120203	0.922533	-0.468810	-0.040848	0.011661
77	-0.033497	0.015188	-0.560107	-0.029996	0.020345	0.028541	-0.004939	-0.046313	-0.466109	0.934607	-0.122616	0.179585
78	-0.002354	-0.007445	-0.078023	0.243130	0.102788	0.005516	0.002126	0.018473	-0.137804	0.646015	0.374679	0.028803
79	-0.001230	-0.008558	0.095090	0.240586	-0.068159	0.005131	0.003214	0.011792	0.029509	0.375435	0.643740	-0.136633
80	-0.013573	0.025122	0.034212	-0.027988	-0.585245	0.032562	-0.011828	-0.028051	0.179683	-0.127680	0.935729	-0.465741
81	-0.027744	0.025165	0.030554	-0.563215	-0.015748	0.007646	-0.009432	0.003291	0.010280	-0.038591	-0.466162	0.938591
82	0.005926	0.000158	0.004070	-0.068676	0.240948	0.107435	0.002115	0.000710	-0.000696	0.017574	-0.132935	0.620824
83	0.005226	-0.002602	0.003675	0.100604	0.235079	-0.062317	0.000526	-0.000823	0.000942	0.010819	0.030515	0.362619
84	-0.024542	0.033435	0.027180	0.017490	-0.021974	-0.588577	-0.003800	0.010059	0.004127	-0.025638	0.174133	-0.102146
85	-0.025912	0.036747	0.021883	0.031061	-0.575083	-0.016783	-0.004390	0.175135	-0.024971	0.004014	0.011083	-0.048800
86	0.004574	-0.001586	0.096752	0.002444	-0.064477	0.234797	-0.001890	0.028327	0.011560	0.000081	-0.001249	0.018588
87	0.005344	0.001312	-0.072684	0.002495	0.104048	0.241148	-0.001197	-0.135751	0.018207	-0.001401	0.000186	0.012324
88	-0.024478	0.023585	-0.561292	0.033340	0.015161	-0.013926	-0.007526	-0.465917	-0.040896	0.010865	0.004004	-0.027547
89	0.006937	0.019220	-0.113233	-0.113577	-0.004572	-0.005825	0.004858	0.043570	-0.048279	-0.040227	0.038242	-0.022740
90	0.004188	0.017808	-0.005181	-0.115169	-0.107855	-0.003237	0.005428	0.001518	-0.022656	0.035162	-0.039055	-0.042787
91	-0.000475	0.017748	-0.006098	-0.005694	-0.109764	-0.113110	0.005908	-0.023339	0.001240	0.000414	-0.022827	0.039941
92	0.003035	0.017970	-0.115167	-0.005675	-0.005532	-0.103875	0.006286	-0.043312	0.038032	-0.023903	0.001539	0.002222
93	0.000438	0.007318	-0.130734	-0.048191	-0.004283	0.019753	-0.003297	-0.304577	-0.210403	-0.011336	-0.006976	-0.000695
94	0.000087	0.002262	-0.107000	-0.044883	-0.000754	0.047661	-0.003287	-0.330363	-0.164409	-0.017976	-0.004123	0.000120

95	0.000765	0.001788	-0.107093	0.050633	-0.001181	-0.049304	-0.002357	-0.165404	-0.325987	0.074936	-0.008107	0.001042
96	0.000736	0.006474	-0.130718	0.023928	-0.004674	-0.053426	-0.002464	-0.212213	-0.299260	0.056660	-0.009484	-0.000273
97	0.001113	0.006069	0.025269	-0.133189	-0.053335	-0.004315	-0.000761	-0.009873	0.059531	-0.308542	-0.210907	-0.010935
98	0.001156	0.001399	0.052666	-0.109990	-0.049595	-0.001198	-0.001194	-0.008602	0.078239	-0.337490	-0.163774	-0.017884
99	0.000587	0.001793	-0.046082	-0.109339	0.048906	-0.001244	-0.002117	-0.004539	-0.018129	-0.163966	-0.337144	0.078250
100	0.000822	0.006738	-0.049082	-0.131440	0.019214	-0.003961	-0.001509	-0.007370	-0.011410	-0.211500	-0.306640	0.058331
101	-0.003308	0.002236	-0.003942	0.021521	-0.132118	-0.056623	-0.000847	-0.001037	-0.000117	-0.009673	0.058758	-0.301068
102	-0.002580	-0.002251	-0.000307	0.047394	-0.108833	-0.050721	-0.001327	0.000262	0.000772	-0.007890	0.074632	-0.320296
103	-0.002020	-0.001278	-0.000001	-0.048391	-0.106437	0.045719	-0.000457	0.001183	-0.000197	-0.003873	-0.018707	-0.158331
104	-0.003161	0.003869	-0.003659	-0.052161	-0.128619	0.016651	-0.000117	-0.000348	-0.000764	-0.006911	-0.011815	-0.204214
105	-0.002855	0.003201	-0.051010	-0.003224	0.019605	-0.129544	0.001332	-0.011127	-0.007176	-0.000636	0.000080	-0.010197
106	-0.001823	-0.001602	-0.045906	0.000763	0.044826	-0.105234	0.000768	-0.017508	-0.004293	0.000468	0.001183	-0.008460
107	-0.002131	-0.002843	0.050724	0.000175	-0.050116	-0.110065	-0.000064	0.077762	-0.008504	0.001387	0.000214	-0.004662
108	-0.003037	0.001553	0.022086	-0.002815	-0.053978	-0.131123	0.000892	0.058395	-0.009769	0.000023	-0.000459	-0.007547
109	-0.003990	-0.009106	0.151700	-0.038615	-0.003642	0.004214	-0.001881	-0.069582	0.236785	-0.200944	0.032522	0.010571
110	-0.003084	-0.010165	-0.038913	0.152226	0.007914	0.001427	-0.002910	0.026201	-0.189162	0.241644	-0.070831	0.012111
111	-0.002154	-0.007803	0.008599	0.145929	-0.036571	-0.002330	-0.002014	0.000109	0.012600	-0.068085	0.231312	-0.184758
112	-0.001713	-0.009813	-0.003929	-0.031160	0.143738	0.005402	-0.003853	-0.001922	0.009944	0.032637	-0.192091	0.227287
113	0.000153	-0.010142	-0.000250	0.008295	0.139000	-0.027706	-0.002143	0.010361	-0.001084	0.000317	0.013593	-0.069196
114	0.000303	-0.007682	0.006162	-0.002786	-0.029146	0.140530	-0.003570	0.012818	-0.000041	-0.000857	0.009203	0.029170
115	-0.001696	-0.009762	-0.035984	-0.002343	0.006461	0.145192	-0.001820	-0.194716	0.030702	0.010933	-0.001720	-0.000248
116	-0.001234	-0.007981	0.151277	0.007599	-0.001202	-0.041804	-0.004652	0.238645	-0.068768	0.012636	0.000160	-0.001941
117	-0.012858	0.006080	-0.016960	0.006190	-0.000146	-0.005823	0.038446	-0.020786	-0.034253	-0.007500	-0.002571	0.020003
118	-0.038986	-0.031242	-0.009860	0.004755	-0.000150	-0.000431	-0.015001	-0.011833	-0.018805	-0.003978	-0.000467	0.009293
119	-0.040211	-0.032130	-0.007393	0.007533	-0.005551	-0.001111	-0.020973	-0.009414	-0.017152	-0.002298	0.001294	-0.001126
120	-0.012885	-0.015425	0.000177	0.001702	-0.001291	-0.000909	0.031847	0.002075	0.001420	0.002788	0.002967	-0.000291
121	0.008374	0.010428	0.000162	-0.000844	0.000665	0.000421	-0.021965	-0.000908	-0.000401	-0.001509	-0.001644	-0.000003
122	0.004500	0.004999	-0.000331	-0.000866	0.000614	0.000495	-0.009871	-0.001143	-0.001011	-0.001299	-0.001344	0.000265
123	-0.015052	-0.015662	-0.000834	0.000086	-0.000768	-0.000207	0.038083	-0.004063	-0.004891	0.000172	0.001276	0.005542
124	0.004982	0.005828	0.000227	-0.000050	0.000134	-0.000003	-0.011985	0.001586	0.001922	-0.000022	-0.000619	-0.002609
125	0.010088	0.009828	0.000588	-0.000019	0.000652	0.000197	-0.026110	0.002419	0.002950	-0.000106	-0.000614	-0.002896
126	-0.042184	-0.032135	-0.014150	0.006151	-0.000281	0.000084	-0.014643	-0.016016	-0.028979	-0.002228	0.001435	0.004163
127	-0.037995	-0.029912	-0.000907	0.005149	-0.003019	-0.002334	-0.011199	-0.005319	-0.006356	-0.001499	0.000418	0.001575
128	-0.000836	-0.001814	0.000437	0.000232	-0.000410	-0.000175	0.001817	0.000707	0.000765	0.000337	0.000170	-0.000147
129	0.001673	0.002550	-0.000108	-0.000277	-0.000075	0.000464	-0.003639	-0.000436	-0.000255	-0.000501	-0.000203	-0.000320
130	0.001157	0.002501	-0.000159	0.000133	0.000172	-0.000333	-0.003700	-0.000331	-0.000416	-0.000012	-0.000372	-0.000640
131	-0.000529	-0.000978	-0.000026	-0.000232	0.000020	0.000202	0.001708	0.000104	-0.000165	-0.000019	-0.000053	0.000288
132	-0.000572	-0.001080	-0.000095	0.000166	0.000139	-0.000177	0.002122	-0.000146	-0.000154	0.000234	0.000358	0.000343
133	-0.000950	-0.001289	-0.000045	-0.000021	0.000152	0.000018	0.001863	0.000114	0.000231	-0.000027	0.000113	0.000498
134	0.023770	-0.022098	0.013042	-0.019202	0.012029	0.005267	-0.021075	-0.011677	0.040011	-0.018337	-0.004710	0.003419
135	0.004702	-0.007396	-0.001654	0.011853	0.011910	0.005128	-0.009315	-0.013229	-0.003860	0.013577	0.000781	0.000918
136	-0.007518	-0.000939	-0.004046	0.013195	0.002863	0.002517	0.010019	0.010021	-0.040563	0.035582	-0.001869	0.000772
137	-0.009371	0.000369	-0.014112	-0.001951	-0.004054	-0.005831	0.008379	0.002915	-0.030079	0.026278	-0.004473	0.002931
138	0.001434	-0.002557	-0.022715	-0.014915	-0.009835	-0.005022	-0.017571	-0.016971	0.011190	-0.003736	0.000126	-0.000963
139	0.024292	-0.020136	-0.013747	-0.029103	-0.007413	0.004322	-0.013761	0.001476	0.003933	0.012203	-0.008762	0.010685
140	0.001146	-0.001291	-0.012282	-0.007403	-0.010093	-0.004934	-0.001842	0.012724	-0.021588	0.023506	-0.017163	-0.000058
141	-0.010042	0.002781	-0.010047	-0.006404	-0.017011	0.000325	0.020125	-0.000289	-0.003539	-0.003949	-0.001405	-0.001924
142	-0.009428	0.001352	0.004468	0.011743	0.001569	0.003902	0.021653	0.006216	0.001769	0.004141	0.006653	0.001827
143	-0.000319	-0.004697	0.006234	0.003293	0.026144	0.007853	0.004911	0.007300	-0.001539	0.023391	-0.038635	0.021904
144	0.017294	-0.027724	0.004416	-0.010508	-0.060461	-0.038263	-0.017978	0.009085	-0.000922	-0.005462	0.013699	-0.012229

145	0.004213	-0.010823	0.015855	0.027217	0.000970	0.001326	-0.009826	0.008439	0.002016	0.004023	0.012318	-0.015459
146	-0.000978	-0.003957	0.004964	-0.007480	0.003142	-0.001115	0.001674	0.001789	0.001087	-0.000082	-0.014225	0.022852
147	-0.006969	0.001617	-0.002284	-0.008002	-0.003101	-0.008441	0.007430	-0.001873	0.002978	-0.005372	0.001157	-0.010578
148	-0.004450	0.000822	-0.003930	0.000282	-0.008051	0.000269	-0.002962	-0.003100	0.003841	-0.006038	0.004916	-0.017921
149	0.024821	-0.028404	0.011181	0.000554	-0.033924	-0.028685	-0.013196	0.022923	0.008121	-0.011746	0.002958	-0.005272
150	0.002593	0.000597	-0.010127	-0.010114	0.003809	-0.026174	0.004744	-0.010896	0.006450	-0.011878	0.001320	-0.003691
151	-0.010295	0.001322	-0.016589	-0.001649	-0.004300	0.001138	0.020753	-0.030559	0.008973	-0.008508	0.001325	-0.006937
152	-0.009576	-0.001236	-0.007366	0.007910	0.003168	0.003726	0.020166	-0.023052	0.003717	-0.000465	0.003231	-0.006168
153	0.002807	-0.009461	0.015183	0.013992	0.009664	0.005477	0.002074	0.002066	0.006001	0.001184	0.004817	-0.000864
154	-0.006851	-0.002739	-0.020949	0.003008	-0.014896	-0.009105	0.003297	0.008946	-0.032139	0.024067	-0.003739	-0.002646
155	-0.009059	-0.005135	0.014507	0.009152	0.017524	0.004652	0.012628	0.008457	0.002755	0.008843	-0.005556	0.006585
156	-0.001167	-0.004798	-0.011500	-0.011488	0.006562	-0.016701	0.012015	-0.009768	0.007123	-0.007792	-0.001695	-0.005615
157	-0.003449	-0.007255	-0.006161	0.013863	0.009001	0.014519	0.006302	-0.021330	0.001782	0.010715	0.000724	-0.001042
158	-0.000198	0.000182	0.000956	-0.000292	0.001993	-0.002203	0.003686	0.002283	0.000219	-0.000515	-0.000753	0.003340
159	0.002991	-0.000538	-0.002377	0.002045	0.003293	-0.001994	-0.002851	-0.006814	-0.002164	0.005677	0.005804	0.008045
160	0.002454	-0.000665	-0.002498	0.002248	0.002402	-0.001685	-0.001621	-0.007809	-0.002630	0.005827	0.005725	0.004949
161	0.000226	-0.000088	-0.000905	0.002259	-0.001501	0.000347	-0.003866	-0.003540	-0.002402	0.001557	0.001385	-0.001284
162	-0.001125	0.000096	0.008171	-0.005290	-0.029954	0.026035	-0.000244	-0.001837	-0.003909	0.003506	0.002387	0.002952
163	0.001932	-0.002156	-0.001819	0.004511	-0.004250	0.001454	-0.036535	-0.018610	-0.004473	0.009897	0.006632	-0.014065
164	-0.013492	0.001534	0.012811	0.006597	0.009156	-0.002284	0.017480	-0.003183	-0.019977	0.028718	-0.004508	0.003369
165	0.000880	0.000595	0.001741	-0.016888	0.001307	0.005338	0.001434	-0.051326	0.055764	-0.027261	-0.000442	0.000969
166	0.014429	-0.005279	0.020928	-0.006858	0.007835	0.015356	-0.014035	-0.042257	0.101134	-0.063458	0.007743	-0.003162
167	-0.015283	0.008504	0.001782	-0.012703	-0.029110	-0.004122	0.033896	0.001932	0.012371	-0.037016	0.027466	-0.003852
168	-0.000567	-0.000859	0.005163	0.012252	0.002988	0.000588	-0.000986	0.003794	0.001237	0.010076	0.019239	-0.000139
169	0.016953	-0.005654	-0.008774	-0.023415	0.012971	-0.008460	-0.036773	-0.006116	-0.002442	0.013258	-0.034227	0.013947
170	0.036288	-0.009369	-0.018199	-0.026434	-0.031624	0.015342	-0.038506	-0.012031	-0.007389	-0.000588	-0.021159	0.028265
171	0.003381	0.001502	-0.005449	0.011692	-0.008969	0.001405	-0.002535	-0.003625	-0.001071	-0.000587	0.022458	-0.048385
172	0.017871	-0.005065	0.002707	0.026017	0.006755	0.007174	-0.015555	-0.000460	-0.005795	0.007487	0.020160	-0.036442
173	-0.018959	0.007014	-0.019482	-0.005413	-0.005290	-0.011001	0.034577	-0.033539	0.013356	-0.013616	0.001765	-0.012370
174	0.000463	0.001090	0.005764	-0.002347	0.010340	-0.015436	0.000142	0.015252	-0.002182	-0.000264	-0.000295	-0.001004
175	0.018052	-0.002210	0.007524	-0.012969	0.008246	-0.021547	-0.032850	0.043403	-0.007921	0.000792	-0.005541	0.010932
176	-0.007922	0.004563	-0.011484	0.009360	-0.007670	-0.029598	0.005282	0.069311	-0.099467	0.032102	-0.013057	0.006291
177	0.006384	-0.001953	0.057733	-0.024471	0.021226	-0.008793	0.003211	0.028951	0.038315	-0.047057	-0.005176	0.005501
178	-0.004187	-0.000145	0.017956	-0.026177	0.051389	-0.001676	0.000552	0.007020	0.012468	0.002449	-0.037736	0.027977
179	0.011633	-0.002250	-0.011921	-0.011372	-0.004346	-0.019851	-0.020090	-0.006484	0.006443	-0.014020	0.015879	-0.044457
180	-0.011039	0.012024	0.001100	-0.010377	0.032003	-0.053952	0.016011	-0.004843	0.006606	-0.008205	0.007858	-0.010226
181	0.000638	-0.007442	0.022601	0.012499	-0.004400	0.001853	-0.000479	0.009198	-0.005571	0.008502	0.009216	0.001258
182	-0.001203	-0.004619	-0.012780	0.014543	0.022021	0.002368	0.001729	-0.020239	-0.016566	0.018800	0.002293	0.003257
183	0.006531	-0.000880	0.035345	-0.012884	-0.003737	-0.057120	-0.007141	0.078859	-0.026197	0.004556	-0.005825	0.007325
184	0.003977	-0.000543	-0.000659	-0.000991	-0.001520	0.003476	-0.002871	-0.005364	-0.001627	0.006172	0.006718	0.000314
185	0.003689	-0.000742	-0.002826	0.002325	0.004438	-0.002589	-0.004114	-0.007886	-0.001923	0.006474	0.007196	0.011480
186	-0.000593	0.000396	0.000422	-0.000736	0.000512	-0.000592	0.002653	-0.000086	0.000155	-0.000495	-0.000665	-0.001609
187	-0.003092	0.000597	0.003873	-0.003146	-0.003346	0.002187	0.004476	0.013572	0.003965	-0.008097	-0.008559	-0.006047
188	-0.004518	0.000100	-0.000829	0.002516	-0.000235	-0.002445	-0.000559	-0.000084	-0.000902	-0.004343	-0.004915	-0.004165
189	-0.000142	0.000112	0.000045	0.000064	0.000035	-0.000131	0.000086	0.000100	0.000053	-0.000209	-0.000075	-0.000015
190	0.000117	-0.000477	-0.014261	0.010819	0.000118	-0.000257	0.000931	-0.004983	-0.009178	0.036212	-0.013516	0.002130
191	-0.000716	0.001454	0.004952	-0.000949	0.000395	0.001375	0.000289	-0.003583	0.011562	-0.001729	-0.001171	0.001594
192	0.000125	-0.000209	-0.003796	0.001865	-0.000031	0.000079	-0.000454	-0.000028	-0.007476	0.005128	-0.001412	-0.000856
193	0.000118	-0.001068	0.006991	-0.008567	-0.000167	-0.000910	0.000237	-0.000676	0.010043	-0.015489	0.001228	0.001335
194	-0.000706	0.001990	-0.005736	0.009080	0.001174	0.002220	0.000154	-0.002661	-0.005548	0.018562	-0.003991	0.000722

195	0.000139	0.001248	0.010627	-0.015427	-0.000085	-0.000929	-0.000376	-0.010400	0.030063	-0.009412	-0.006317	0.002958
196	0.000088	-0.001138	0.002973	-0.000323	0.000069	-0.000241	0.000367	-0.000044	0.002487	-0.003581	0.001079	0.000508
197	-0.000311	0.000405	0.000533	0.000478	0.000422	0.000295	0.000152	-0.000667	0.001726	0.001338	-0.000477	0.000493
198	-0.000214	0.000544	-0.000044	0.000157	0.000135	0.000271	-0.000008	-0.000206	0.000235	0.000561	-0.000224	0.000107
199	-0.000360	0.001432	0.000716	0.000135	0.000367	0.000369	-0.000007	-0.000432	0.001522	0.001164	-0.000705	0.000440
200	0.000167	0.000046	0.000966	0.001384	0.000039	0.000324	-0.000011	0.000474	-0.000551	0.000578	0.000251	0.000107
201	0.000071	0.001407	0.000263	0.008671	-0.013046	-0.000340	-0.000107	-0.000429	0.001859	-0.012726	0.032416	-0.008391
202	-0.000718	0.001884	0.001185	-0.003821	0.007002	0.001073	0.000370	-0.000655	0.002495	-0.001328	-0.005510	0.014932
203	0.000330	-0.001138	-0.000359	0.004205	-0.005649	0.000390	0.000103	0.000717	-0.000976	-0.001086	0.007184	-0.009724
204	0.000046	-0.000040	-0.000473	-0.004809	0.003423	-0.000428	-0.000432	-0.000322	0.000486	0.001090	-0.010132	0.005103
205	-0.000631	0.001519	0.001867	0.005469	-0.001945	0.001646	0.000153	0.000128	0.001489	-0.004309	0.014133	-0.000477
206	0.000118	-0.000643	-0.000892	-0.012181	0.007428	-0.000872	0.000883	-0.001274	0.002737	-0.005505	-0.006891	0.025972
207	0.000041	0.000181	0.000319	0.000294	0.002037	-0.000116	-0.000246	-0.000232	0.000532	0.000408	-0.001992	0.001331
208	-0.000355	0.001410	0.000358	0.000783	0.000089	0.000333	-0.000040	0.000085	0.000357	-0.000404	0.001726	0.001044
209	-0.000171	0.000497	0.000226	0.000068	0.000106	0.000161	0.000008	0.000110	0.000166	-0.000206	0.000460	0.000442
210	-0.000293	0.000277	0.000348	0.000563	0.000378	0.000411	0.000228	0.000113	0.000424	-0.000602	0.001706	0.001263
211	0.000094	-0.001009	0.000116	0.001634	0.000554	0.000398	0.000031	-0.000239	0.000327	0.000110	0.000751	-0.000879
212	-0.000854	0.003893	-0.000971	-0.000575	-0.012918	0.007825	-0.000199	0.001506	-0.000258	-0.001283	0.002681	-0.005209
213	-0.000364	0.001697	0.001838	0.001767	0.005698	-0.002066	0.000058	0.002446	-0.000194	0.000040	0.001269	-0.004044
214	0.000885	-0.003669	-0.000357	-0.000405	-0.004952	0.003795	0.000074	-0.000637	0.000296	-0.000419	0.000611	0.001076
215	0.000459	-0.000521	0.000041	-0.000488	0.003580	-0.005348	-0.000260	0.000846	-0.000825	0.000800	-0.001218	-0.000789
216	-0.000353	0.001360	0.000911	0.001439	-0.003851	0.006887	0.000214	0.000914	0.000198	-0.000536	0.002613	-0.001529
217	0.000356	-0.001476	-0.000116	0.000053	0.008742	-0.012844	0.001220	0.002675	-0.000898	-0.000666	0.002257	-0.012801
218	0.000176	0.000552	0.000169	0.000118	0.001041	0.000696	-0.000119	0.000273	-0.000229	-0.000208	0.000209	0.000239
219	-0.000339	0.001729	0.000346	0.000304	0.000474	0.000369	-0.000007	0.000407	-0.000050	0.000078	0.000338	-0.000598
220	0.000012	-0.000211	0.000154	0.000222	0.000047	0.000191	0.000055	0.000102	0.000112	0.000118	0.000123	-0.000160
221	-0.000104	0.000000	0.000302	0.000372	0.000718	0.000199	0.000189	0.000418	-0.000022	0.000101	0.000473	-0.000439
222	0.000353	-0.001724	-0.000202	0.000429	-0.000036	0.002357	0.000167	0.000103	-0.000250	-0.000252	0.000684	0.000626
223	0.000170	-0.000477	-0.013881	-0.000891	-0.000680	0.008971	0.000163	-0.008233	-0.005414	0.002732	-0.001251	-0.000251
224	-0.000593	0.001597	0.009470	0.001115	0.002097	-0.005929	0.000360	0.018819	-0.003779	0.000600	0.000357	-0.000643
225	0.000102	0.000120	-0.007189	-0.000196	-0.000780	0.005602	-0.000103	-0.013261	0.000983	0.001203	-0.001093	0.000731
226	0.000262	-0.001099	0.004219	-0.000530	0.000200	-0.005826	0.000171	0.007463	-0.001226	-0.001266	0.000856	-0.000736
227	-0.000738	0.001751	-0.003703	0.001305	0.001495	0.007012	0.000089	-0.004912	-0.001491	0.002456	-0.000525	0.000207
228	0.000162	0.001363	0.008113	0.000115	-0.000564	-0.012650	-0.000009	0.030856	-0.012125	0.002248	-0.000925	-0.000840
229	0.000075	-0.000937	0.001541	0.000037	0.000475	0.000708	0.000940	0.000767	0.000068	0.000378	-0.000345	0.000031
230	-0.000288	0.000302	0.000216	0.000315	0.000388	0.000769	0.000204	0.001270	-0.000610	0.000422	-0.000035	0.000121
231	-0.000175	0.000622	0.000201	0.000151	0.000208	-0.000018	-0.000081	0.000565	-0.000170	0.000045	0.000051	0.000103
232	-0.000342	0.001415	0.000596	0.000353	0.000331	0.000262	0.000005	0.001417	-0.000413	0.000372	-0.000071	-0.000009
233	0.000055	0.000119	-0.000005	0.000039	-0.000130	0.002406	-0.000068	-0.003042	0.000902	0.000519	-0.000366	-0.000261
234	-0.001565	0.008105	0.021940	-0.018085	0.003485	0.001996	-0.000640	-0.010936	0.048357	-0.012221	-0.006218	0.005750
235	-0.001532	0.002246	-0.022927	0.030599	0.003469	0.004376	0.002438	-0.005597	-0.015887	0.066971	-0.014542	0.002413
236	0.001241	-0.003303	-0.002685	-0.000313	-0.002686	-0.002067	-0.000531	0.005126	-0.014089	-0.007782	0.003908	-0.003016
237	0.000792	-0.001473	-0.002020	-0.003766	-0.002725	-0.001640	-0.001150	0.003821	-0.011008	-0.012245	0.003809	-0.002784
238	-0.000138	-0.000991	0.001404	0.000016	0.000491	-0.000241	0.000580	0.000122	0.002085	-0.002610	0.001159	0.000768
239	0.000151	-0.001339	0.000609	-0.000605	0.000090	-0.000502	0.000315	0.000788	-0.000142	-0.003659	0.001416	0.000159
240	-0.000505	0.001625	0.000181	0.001877	0.001096	0.001279	0.000016	-0.000699	0.002191	0.004300	-0.000803	0.000496
241	-0.000508	0.001419	0.000195	0.001925	0.001104	0.001229	0.000143	-0.000689	0.002154	0.004349	-0.000791	0.000549
242	0.000133	0.000156	0.000168	-0.000251	-0.000415	0.000059	-0.000331	0.001039	-0.002318	-0.001614	0.000984	-0.000829
243	-0.000222	0.001660	0.000849	0.000355	-0.000038	0.000413	-0.000357	0.000677	-0.000882	0.000347	0.000214	-0.000310
244	0.000879	-0.004059	0.000871	-0.006042	-0.001725	-0.002289	-0.000010	0.003021	-0.005766	-0.017092	0.004866	-0.001493

245	0.001269	-0.004036	0.001598	-0.005882	-0.002146	-0.002625	-0.000468	0.003302	-0.004408	-0.019066	0.006055	-0.001703
246	-0.001741	0.002057	0.002581	-0.012731	0.017677	0.001808	0.001937	-0.000258	0.004328	-0.005916	-0.004507	0.042353
247	-0.001722	0.008037	0.003963	0.020476	-0.015480	0.004376	0.000432	-0.000474	0.003913	-0.012906	0.051158	-0.006252
248	0.001360	-0.003751	-0.002143	-0.002215	-0.001441	-0.002242	-0.000467	-0.000079	-0.002390	0.003430	-0.009809	-0.011917
249	0.001178	-0.004342	-0.002226	-0.002652	-0.002328	-0.001790	-0.000026	0.000333	-0.002298	0.003506	-0.011268	-0.010582
250	-0.000347	0.001679	0.000065	0.001341	0.000078	0.000036	-0.000439	-0.000072	0.000195	0.001106	-0.000568	-0.000195
251	0.000048	0.000337	-0.000233	0.000749	-0.000633	-0.000332	-0.000462	0.000048	-0.000301	0.001364	-0.001635	-0.002264
252	-0.000483	0.001271	0.001239	0.001292	0.000742	0.001289	0.000260	0.000207	0.000597	-0.000726	0.003615	0.003038
253	-0.000513	0.001540	0.001259	0.001181	0.000908	0.001270	0.000136	0.000195	0.000613	-0.000713	0.003515	0.003125
254	0.000216	-0.001320	-0.000348	-0.000287	0.000232	-0.000017	0.000270	0.000156	-0.000571	0.000929	-0.001932	-0.001826
255	-0.000082	-0.000938	-0.000007	0.000377	0.000907	0.000368	0.000573	0.000182	-0.000048	0.000288	0.000087	-0.000356
256	0.000842	-0.001247	-0.001888	-0.004051	-0.000745	-0.002208	-0.001330	0.000048	-0.001898	0.004205	-0.013479	-0.008353
257	0.001240	-0.003302	-0.002265	-0.003703	0.000312	-0.002565	-0.000889	-0.000293	-0.002133	0.005487	-0.015559	-0.006435
258	-0.000494	0.001641	0.003648	0.003438	0.021202	-0.015745	0.003154	0.004096	-0.000265	0.000109	0.003992	-0.013627
259	-0.005166	0.018770	0.003046	0.003148	-0.012871	0.016998	-0.001571	0.004044	0.000174	-0.001341	0.004488	-0.005838
260	0.001397	-0.005720	-0.002416	-0.002081	-0.004146	0.000772	-0.000419	-0.002599	0.000313	-0.000265	-0.002014	0.005664
261	0.002681	-0.011443	-0.002131	-0.001953	-0.003597	-0.000242	0.000045	-0.002102	0.000188	0.000183	-0.001997	0.004425
262	-0.000663	0.004161	0.000173	-0.000049	0.000123	0.000717	-0.000474	0.000331	-0.000265	0.000153	-0.000162	0.000313
263	-0.000194	0.001772	-0.000218	-0.000432	-0.000465	0.000111	-0.000364	-0.000230	-0.000247	0.000224	-0.000674	0.001080
264	-0.000483	0.001239	0.001358	0.001233	0.001446	0.000746	0.000191	0.000596	0.000273	0.000167	0.000547	-0.000764
265	-0.000649	0.002088	0.001372	0.001253	0.001446	0.000565	0.000061	0.000620	0.000252	0.000189	0.000492	-0.000777
266	0.000507	-0.002482	-0.000225	-0.000196	0.000726	-0.000405	0.000146	-0.000341	0.000034	-0.000012	-0.000190	0.001200
267	0.000282	-0.002049	0.000081	0.000089	0.001356	0.000280	0.000383	0.000149	0.000026	-0.000098	0.000399	0.000970
268	0.001129	-0.002699	-0.002226	-0.002105	-0.003498	-0.002329	-0.001072	-0.002136	-0.000175	0.000454	-0.002354	0.003647
269	0.001650	-0.005257	-0.002466	-0.002346	-0.001859	-0.001330	-0.000081	-0.002435	-0.000306	0.000238	-0.002530	0.003747
270	-0.001805	0.007301	0.024532	0.003875	0.004912	-0.019112	-0.000105	0.057760	-0.013648	0.003101	0.000628	-0.000861
271	-0.001395	0.002254	-0.015484	0.002672	0.002041	0.019976	0.001485	-0.008159	-0.005167	0.004681	-0.001285	0.000173
272	0.001225	-0.002916	-0.005556	-0.001969	-0.003072	0.002161	-0.000934	-0.018442	0.005622	-0.001553	-0.000758	0.000485
273	0.000838	-0.001118	-0.004854	-0.001795	-0.002713	0.000053	-0.000649	-0.015522	0.004478	-0.001563	-0.000343	0.000430
274	-0.000111	-0.000979	0.001231	-0.000249	0.000612	0.000064	0.000639	0.001523	0.000166	-0.000367	0.000446	-0.000250
275	0.000173	-0.001342	0.000896	-0.000645	0.000292	-0.000939	0.000301	-0.000116	0.000889	-0.000960	0.000546	-0.000291
276	-0.000508	0.001517	0.002197	0.001148	0.001439	-0.000190	-0.000017	0.004984	-0.000775	0.000395	0.000327	0.000035
277	-0.000487	0.001241	0.002002	0.001180	0.001402	0.000006	0.000107	0.004707	-0.000811	0.000408	0.000329	0.000061
278	0.000088	0.000343	-0.001328	0.000245	-0.000778	0.001483	-0.000202	-0.004491	0.001241	0.000261	-0.000512	0.000371
279	-0.000277	0.001596	-0.000664	0.000540	-0.000413	0.002146	-0.000219	-0.003330	0.001034	0.000752	-0.000610	0.000340
280	0.001035	-0.004163	-0.002459	-0.002568	-0.001732	-0.002662	0.000034	-0.011134	0.003441	-0.002434	0.000664	-0.000020
281	0.001215	-0.003708	-0.000663	-0.002438	-0.001996	-0.002833	-0.000439	-0.008032	0.003565	-0.002719	0.000567	-0.000472
282	0.000226	0.000786	-0.043283	0.042912	0.000186	0.003062	-0.000968	0.007205	-0.069780	0.075765	-0.010494	-0.001031
283	-0.000260	0.001305	0.001499	-0.001344	-0.000245	0.000345	-0.000113	-0.001888	0.005384	-0.005529	0.002203	-0.000366
284	0.000042	-0.000475	0.000912	-0.001047	-0.000373	-0.000110	0.000134	-0.000689	0.002013	-0.001374	-0.000278	0.000332
285	0.000002	-0.000350	0.003620	-0.003377	-0.000469	0.000042	0.000129	-0.001041	0.006487	-0.006939	0.001439	-0.000154
286	-0.000023	-0.000212	0.001196	-0.000585	-0.000159	0.000113	0.000094	0.000541	0.000809	-0.001975	0.001010	-0.000424
287	-0.000261	0.000180	-0.000469	0.001401	-0.000265	-0.000722	0.000613	0.002280	-0.004792	0.003973	-0.000828	0.000215
288	-0.000285	-0.000613	0.000553	0.037914	-0.038261	0.001186	0.000809	0.000565	-0.000801	-0.009441	0.067943	-0.063522
289	-0.000258	0.000152	-0.000287	-0.001895	0.001964	0.000288	0.000472	0.000397	-0.000381	0.002188	-0.005961	0.005798
290	0.000006	0.000206	-0.000261	-0.001066	0.000956	-0.000048	-0.000136	-0.000316	0.000404	-0.000286	-0.001561	0.002008
291	-0.000070	0.000463	-0.000353	-0.003247	0.003295	0.000169	-0.000113	0.000038	-0.000198	0.001311	-0.006656	0.006148
292	-0.000106	0.000584	-0.000243	-0.000207	0.000426	0.000279	-0.000104	0.000104	-0.000480	0.000998	-0.001510	0.000085
293	-0.000435	0.001693	-0.000085	0.001863	-0.001733	-0.000120	-0.000097	-0.000354	0.000310	-0.001279	0.005233	-0.006209
294	-0.000672	0.001408	0.001689	0.000285	0.036029	-0.036208	0.000285	0.001027	-0.000120	0.000046	-0.000154	-0.009029

295	0.000227	-0.000612	0.000190	0.000013	-0.001867	0.001680	-0.000021	0.000205	-0.000261	0.000205	-0.000208	0.001378
296	-0.000008	-0.000177	0.000327	-0.000278	-0.000020	0.000283	-0.000077	-0.000163	0.000118	0.000190	-0.000584	0.000962
297	0.000052	-0.000596	0.000252	-0.000372	-0.003075	0.003102	0.000045	0.000165	-0.000077	0.000031	-0.000191	0.001235
298	0.000121	-0.000758	-0.000116	-0.000211	-0.000924	0.000780	-0.000006	0.000259	-0.000012	-0.000302	0.000393	-0.000351
299	0.000454	-0.002795	-0.000331	0.000226	0.002138	-0.002060	-0.000051	-0.000487	0.000268	-0.000280	0.000218	-0.002095
300	0.000174	-0.000893	0.041269	0.000053	0.001226	-0.041045	-0.000386	0.072696	-0.009756	-0.000727	0.000217	-0.000087
301	0.000549	-0.001780	-0.001762	0.000381	0.000259	0.001664	0.000017	-0.004477	0.000994	-0.000161	0.000244	-0.000121
302	-0.000160	0.000650	-0.000449	-0.000193	0.000291	0.000652	-0.000087	-0.001840	0.000938	-0.000546	0.000140	0.000118
303	-0.000060	0.000547	-0.003910	-0.000290	0.000160	0.003795	-0.000076	-0.007532	0.001336	-0.000137	-0.000041	-0.000032
304	-0.000001	0.000322	-0.001329	-0.000309	0.000012	0.000922	-0.000036	-0.001701	-0.000389	0.000334	-0.000318	-0.000071
305	0.000230	-0.000022	0.001763	0.000223	-0.000082	-0.002238	-0.000194	0.005883	-0.002234	0.000232	-0.000281	0.000157
306	0.000219	0.0002181	0.006009	-0.018101	-0.016137	-0.015693	0.000064	0.001434	0.000792	-0.042149	0.010523	-0.002123
307	0.000010	-0.000070	-0.005884	0.006883	-0.001214	0.001365	-0.000028	-0.000904	-0.005337	0.005860	0.001756	-0.001738
308	0.000035	0.000197	-0.006412	0.005674	0.000214	0.000195	-0.000249	0.000891	-0.010736	0.012264	-0.002783	0.000802
309	0.000079	-0.000032	-0.004107	0.003973	0.000314	0.000246	-0.000143	0.000955	-0.006958	0.007538	-0.001285	-0.000224
310	0.000070	-0.000359	0.004043	-0.004011	-0.000035	-0.000068	0.000039	-0.000787	0.006794	-0.007286	0.001180	-0.000007
311	0.000013	-0.000448	0.005790	-0.005952	-0.000621	-0.000484	0.000193	-0.002164	0.011410	-0.011635	0.001470	0.000187
312	-0.000201	0.000698	0.006220	-0.006242	0.001338	-0.001236	0.000184	0.002053	0.004282	-0.006156	-0.000432	0.000975
313	-0.000027	0.002631	-0.013884	-0.016755	0.003657	-0.012860	0.001057	-0.001758	-0.001030	0.007630	-0.035658	-0.002141
314	-0.000383	0.001224	-0.001125	0.006148	-0.005943	0.001182	0.000107	0.000963	-0.001959	0.001959	0.004535	-0.005484
315	0.000067	-0.000646	0.000358	0.004528	-0.004782	-0.000254	0.000183	-0.000449	0.000954	-0.002652	0.010555	-0.008770
316	0.000115	-0.000449	0.000264	0.003533	-0.003562	0.000060	0.000012	0.000105	-0.000130	-0.001057	0.006735	-0.006146
317	0.000069	-0.000005	-0.000071	-0.003404	0.003432	0.000033	-0.000099	0.000081	-0.000170	0.001082	-0.006467	0.005976
318	0.000039	0.000239	-0.000561	-0.005317	0.005225	-0.000238	-0.000245	-0.000198	0.000195	0.001350	-0.010821	0.010442
319	0.000099	-0.000376	0.001133	-0.005343	0.005463	-0.000782	0.000041	-0.000505	0.001113	-0.000732	-0.004274	0.003720
320	0.000514	-0.004110	0.012800	0.013771	0.015636	-0.004562	0.000004	0.001410	0.000913	0.001431	0.001498	-0.008334
321	0.000101	-0.001948	0.001242	-0.001305	0.005306	-0.005464	0.000323	0.001787	-0.000796	0.000262	-0.000853	0.000767
322	-0.000233	0.001351	0.000295	0.000465	0.004999	-0.004884	-0.000046	-0.000650	0.000368	0.000173	-0.000179	-0.001271
323	-0.000131	0.000661	-0.000130	0.000167	0.003156	-0.003145	-0.000073	0.000131	-0.000028	-0.000092	0.000208	-0.001078
324	-0.000032	0.000046	-0.000053	-0.000247	-0.003469	0.003435	0.000090	0.000122	-0.000068	-0.000115	0.000172	0.001018
325	0.000077	-0.000416	0.000438	-0.000460	-0.003957	0.004239	0.000019	0.000075	-0.000101	0.000576	-0.001145	0.002546
326	0.000207	0.000352	-0.001790	0.001384	-0.006255	0.006066	-0.000316	-0.001471	0.000629	-0.000801	0.001795	-0.001913
327	0.000111	-0.002323	0.013455	0.015909	0.015149	-0.000510	-0.000174	0.033605	-0.009183	0.001992	0.001549	0.001804
328	0.000144	0.000455	0.003864	-0.000858	0.000789	-0.004299	-0.000370	0.002916	0.000569	-0.000758	0.000050	-0.000487
329	-0.000022	-0.000340	0.006291	0.000477	0.000169	-0.005865	0.000050	0.011938	-0.001380	-0.000227	0.000224	0.000340
330	-0.000076	-0.000054	0.004398	-0.000140	0.000040	-0.004336	0.000039	0.007731	-0.001109	-0.000006	0.000053	-0.000150
331	-0.000116	0.000526	-0.004408	-0.000149	-0.000169	0.004371	-0.000006	-0.007931	0.001159	0.000308	-0.000262	0.000026
332	-0.000140	0.000644	-0.005711	-0.000160	0.000167	0.005956	-0.000042	-0.012321	0.002750	-0.000929	0.000487	0.000001
333	0.000204	-0.001216	-0.004623	0.000834	-0.001002	0.004382	0.000330	-0.002682	-0.001925	0.001610	-0.000552	0.000275

	13	14	15	16	17	18	19	20	21	22	23	24
1	-0.020091	-0.020431	-0.012748	0.002614	-0.001594	-0.000475	0.001104	-0.003252	0.003661	-0.008056	0.005370	-0.008016
2	0.046604	0.051997	0.037001	0.027374	-0.007843	0.028295	0.028174	-0.006592	0.027712	0.019589	0.009948	0.026431
3	0.048393	0.029419	-0.344956	0.022400	0.204475	0.026345	-0.274020	0.189479	0.185595	0.011517	0.012167	0.008220
4	0.032502	0.046849	0.051107	0.177476	0.183000	-0.267700	0.022141	0.204936	0.017198	-0.272255	0.194924	0.175889
5	0.520223	-0.338832	0.029815	0.009436	0.012490	0.011278	0.179322	0.199009	-0.278180	0.038518	0.205998	0.025175
6	-0.346311	0.524389	0.542834	-0.276116	0.198792	0.175171	0.010024	0.011115	0.010707	0.177155	0.203678	-0.273709
7	0.003748	-0.006651	-0.012573	0.001269	0.011293	0.003198	0.007535	0.000680	0.007882	0.006719	0.000832	0.006733
8	-0.000657	0.010687	-0.483026	1.382490	1.393680	-0.026077	-0.030332	0.060842	-0.037413	-0.009009	0.007329	-0.006718

9	0.019038	0.018649	0.013529	-0.022263	1.402490	1.374040	-0.218986	0.017291	0.213437	-0.007204	0.006703	-0.010779
10	0.019757	0.020456	-0.004803	0.206492	0.012048	-0.208595	1.396830	1.407220	-0.048328	-0.030274	0.060410	-0.039032
11	0.011530	-0.005303	0.021228	-0.038840	0.060707	-0.031783	-0.044847	1.408020	1.396670	-0.211821	0.011577	0.211279
12	-0.376065	0.009422	0.015346	-0.009461	0.005827	-0.006324	0.211547	0.014253	-0.218886	1.380950	1.389910	-0.023709
13	5.181110	-0.466527	0.004466	-0.005854	0.007985	-0.010113	-0.038572	0.061109	-0.028917	-0.024748	1.387060	1.373060
14	-0.466527	5.222700	-0.365104	-0.030625	0.060838	-0.038844	-0.009097	0.005297	-0.005354	0.209628	0.017959	-0.212114
15	0.004466	-0.365104	5.206120	-0.212932	0.013966	0.209749	-0.007775	0.005031	-0.010791	-0.037769	0.060005	-0.032104
16	-0.005854	-0.030625	-0.212932	5.967330	0.005316	-1.132150	0.007551	-0.027838	0.042002	0.021025	-0.025351	0.020711
17	0.007985	0.060838	0.013966	0.005316	5.716410	0.007704	-0.046975	-0.046870	-0.026886	-0.026520	-0.003599	-0.024433
18	-0.010113	-0.038844	0.209749	-1.132150	0.007704	5.959930	0.030004	-0.046253	0.007286	0.020366	-0.025892	0.021716
19	-0.038572	-0.009097	-0.007775	0.007551	-0.046975	0.030004	5.937620	-0.001769	-1.135410	0.005897	-0.026049	0.040838
20	0.061109	0.005297	0.005031	-0.027838	-0.046870	-0.046253	-0.001769	5.775100	0.007057	-0.047592	-0.049320	-0.024258
21	-0.028917	-0.005354	-0.010791	0.042002	-0.026886	0.007286	-1.135410	0.007057	5.956580	0.029576	-0.047179	0.005867
22	-0.024748	0.209628	-0.037769	0.021025	-0.026520	0.020366	0.005897	-0.047592	0.029576	5.980760	0.005298	-1.130150
23	1.387060	0.017959	0.060005	-0.025351	-0.003599	-0.025892	-0.026049	-0.049320	-0.047179	0.005298	5.748270	0.002804
24	1.373060	-0.212114	-0.032104	0.020711	-0.024433	0.021716	0.040838	-0.024258	0.005867	-1.130150	0.002804	5.978780
25	-0.211854	1.376340	-0.033647	0.007140	-0.026441	0.041683	0.022080	-0.024634	0.020393	0.006354	-0.045821	0.029990
26	0.019934	1.405160	1.401380	-0.047414	-0.047894	-0.027230	-0.025303	-0.004412	-0.025097	-0.027781	-0.051397	-0.045639
27	0.204740	-0.020544	1.385640	0.031032	-0.048220	0.007490	0.020522	-0.026125	0.020980	0.039783	-0.028331	0.005958
28	-0.015127	0.025940	-0.031633	-0.320290	-0.401852	0.877816	-0.188365	-0.188464	-0.108435	-0.046624	-0.052910	-0.007346
29	0.024110	-0.020827	0.027035	-0.113093	-0.182030	-0.194224	0.888805	-0.407201	-0.340657	0.011653	-0.094811	0.021275
30	0.208788	0.027521	-0.019487	0.017755	-0.092671	0.013726	-0.336830	-0.406961	0.884647	-0.197276	-0.191874	-0.110432
31	-0.241757	-0.024435	0.022350	-0.007269	-0.051473	-0.045377	-0.107229	-0.189833	-0.192595	0.890494	-0.414700	-0.326513
32	1.016380	-0.491445	0.206901	-0.044681	-0.048979	-0.008888	0.019365	-0.089513	0.011381	-0.328790	-0.414308	0.882799
33	-0.475244	1.008320	-0.251947	0.013443	-0.090666	0.018631	-0.007706	-0.050128	-0.045232	-0.114035	-0.193835	-0.189877
34	-0.021795	-0.249968	1.019980	-0.198720	-0.185487	-0.109442	-0.043482	-0.054982	-0.005327	0.017539	-0.094356	0.012996
35	0.027338	0.209868	-0.500816	0.886431	-0.409663	-0.327363	0.011502	-0.090482	0.017860	-0.010519	-0.052323	-0.043534
36	-0.001109	-0.001397	0.027713	-0.045481	0.062061	0.063565	0.001572	0.001759	0.000438	0.000833	0.001464	0.001017
37	-0.000331	-0.001853	-0.001720	0.063792	0.062213	-0.043337	0.001883	0.003339	0.000848	0.000824	0.001384	0.000841
38	-0.002098	-0.000187	-0.001128	0.001074	0.004018	0.001983	-0.049483	0.062794	0.066199	0.001528	0.001842	0.000466
39	-0.001538	-0.000730	-0.000524	0.000510	0.001986	0.001699	0.066593	0.062690	-0.046367	0.001691	0.003478	0.001028
40	0.011041	-0.002049	-0.001741	0.000816	0.001424	0.000836	0.000841	0.003257	0.001792	-0.044635	0.062501	0.064051
41	-0.062010	0.027032	-0.001449	0.000784	0.001413	0.000748	0.000316	0.001956	0.001587	0.064243	0.062676	-0.043677
42	0.024855	-0.057732	0.010430	0.001584	0.001835	0.000266	0.000706	0.001340	0.000752	0.000742	0.003277	0.001690
43	-0.001950	0.011209	-0.061721	0.001708	0.003515	0.000842	0.000755	0.001394	0.000729	0.000393	0.002049	0.001645
44	0.000474	-0.000504	0.008064	-0.020638	0.003135	0.002428	0.017245	0.002294	-0.029373	-0.000522	-0.005217	0.000875
45	-0.012225	0.008026	-0.000268	0.000985	-0.005068	-0.000255	-0.024941	0.002927	0.008839	0.003212	0.003635	-0.019339
46	0.022796	0.010003	-0.012220	-0.000597	-0.004645	0.000979	0.000806	-0.004577	-0.000366	-0.024341	0.003057	0.006976
47	0.008373	-0.011280	0.010723	0.012877	0.003105	-0.026748	-0.000231	-0.005140	0.000877	0.000682	-0.005203	-0.000558
48	0.009534	0.005995	0.003684	-0.002169	0.005317	0.000260	0.000442	0.000367	0.001191	0.000226	0.000768	-0.002977
49	-0.002037	-0.000070	-0.000015	0.003717	-0.003711	0.001792	0.001241	-0.000528	0.001962	0.002321	-0.001568	0.001205
50	-0.000459	0.002929	0.006166	0.003803	-0.014775	-0.001516	-0.005360	0.003909	-0.004012	-0.004523	0.000510	-0.005109
51	0.000892	-0.001958	-0.003583	0.005734	-0.003661	0.003126	0.003536	-0.000238	0.002994	0.003086	-0.000615	0.002339
52	-0.009058	0.001215	0.001147	-0.006104	0.012140	-0.006283	-0.001656	0.006200	-0.001714	0.003936	-0.006867	0.003020
53	-0.005088	0.002374	0.001842	0.000046	0.000074	-0.000140	-0.000266	0.000718	-0.000069	0.001449	-0.002030	-0.003074
54	-0.000182	-0.000227	-0.000229	0.000515	-0.000577	0.000435	0.000283	-0.000100	0.000390	0.000432	-0.000029	0.000311
55	0.000578	0.001253	0.001369	0.000063	0.001104	-0.000081	-0.000245	0.000476	0.000092	0.000071	0.000329	0.000174
56	0.000265	0.000433	-0.000311	0.002682	-0.003763	-0.005203	-0.000386	0.002560	-0.000975	-0.000211	0.000610	-0.000336
57	-0.000551	-0.000331	-0.000394	0.000226	0.000139	0.000034	0.000201	0.000148	0.000056	0.000198	-0.000472	0.000169
58	-0.000685	-0.000606	-0.000579	0.000309	0.000017	-0.000048	0.000191	-0.000396	0.000218	0.000215	-0.000403	0.000209

59	-0.000891	-0.000470	-0.000814	0.000088	-0.000486	0.000289	0.000189	0.000298	0.000100	0.000277	-0.000420	0.000250
60	-0.004768	-0.006599	0.007100	-0.006938	0.001815	-0.003998	-0.005047	0.003360	-0.008126	-0.006013	0.000964	-0.003577
61	0.013631	0.004999	0.020322	0.013202	-0.037970	0.022215	0.007962	0.004801	-0.013457	0.008180	-0.041305	0.017071
62	0.004741	0.003702	-0.001475	-0.003421	0.012461	-0.008262	0.009117	-0.028431	0.017797	-0.019311	0.044517	-0.005580
63	-0.006712	-0.016310	0.010060	-0.004845	0.019549	-0.009562	0.006912	-0.016665	-0.003534	-0.003124	-0.008272	-0.003707
64	-0.005223	-0.011632	-0.007263	0.002330	-0.035260	0.007338	-0.006114	0.000804	-0.006111	0.000333	0.009074	0.021336
65	-0.010929	0.018261	-0.008566	-0.003489	0.002336	-0.000662	-0.005313	0.004936	0.006944	0.000923	0.001765	0.004192
66	0.003020	0.003440	0.010533	-0.001789	0.021181	-0.002183	0.000157	0.004403	0.002831	0.005928	-0.003065	-0.020040
67	0.007842	-0.005979	-0.020369	0.001805	0.015924	-0.018629	-0.010981	-0.007446	0.008632	-0.012825	0.048190	-0.011117
68	-0.001770	0.008283	-0.005417	0.001487	-0.011462	0.001885	-0.009356	0.023114	-0.008306	0.014652	-0.037526	0.005562
69	-0.003528	-0.001026	-0.026562	-0.092710	0.164590	0.125055	0.126030	0.166068	-0.093524	0.024742	-0.164662	-0.057548
70	-0.083436	-0.019710	-0.007020	-0.060111	-0.156151	0.024608	-0.094113	0.161170	0.127788	0.130595	0.160566	-0.092748
71	0.102959	0.111357	-0.085136	0.025348	-0.163285	-0.058728	-0.060985	-0.165281	0.027337	-0.092487	0.168183	0.121456
72	-0.016175	-0.088428	0.116502	0.127253	0.157341	-0.092702	0.026722	-0.159617	-0.060642	-0.062034	-0.163136	0.026867
73	0.008980	-0.045640	-0.465392	0.706160	-1.118440	-0.429843	0.020704	0.078476	0.030833	-0.002650	0.044843	0.031962
74	0.000628	0.019303	-0.136218	0.412992	-0.590016	-0.820501	-0.022512	-0.053654	0.003707	-0.009522	-0.016357	-0.007730
75	0.001774	0.012589	0.028069	-0.813841	-0.588689	0.407502	-0.011156	-0.057600	-0.013572	-0.008661	-0.016686	-0.008602
76	0.000665	-0.028067	0.178608	-0.429540	-1.111730	0.706513	-0.160934	0.263919	0.169670	0.034759	0.045789	-0.007128
77	-0.028776	0.003160	0.013876	0.163383	0.258923	-0.154328	0.719318	-1.124130	-0.442020	0.022774	0.080693	0.031006
78	0.012595	0.000999	-0.001752	-0.014351	-0.058274	-0.011252	0.418053	-0.598007	-0.818218	-0.022232	-0.055745	0.004538
79	0.019696	-0.000385	-0.000400	0.002864	-0.054153	-0.021890	-0.817571	-0.595005	0.415468	-0.011469	-0.060289	-0.012532
80	-0.044547	0.008893	0.006209	0.031893	0.078828	0.021173	-0.441229	-1.122890	0.721481	-0.154496	0.266927	0.161029
81	-0.109612	0.172874	-0.027626	-0.004118	0.042347	0.033223	0.165224	0.264265	-0.157377	0.705183	-1.121520	-0.433640
82	0.364681	0.031753	0.011598	-0.008742	-0.016478	-0.008536	-0.013339	-0.060014	-0.011458	0.405265	-0.586145	-0.814326
83	0.623733	-0.132017	0.017868	-0.008220	-0.015841	-0.008887	0.003558	-0.054392	-0.022890	-0.816846	-0.585668	0.404471
84	0.927353	-0.465388	-0.046519	0.031611	0.045998	-0.004069	0.030970	0.079860	0.021355	-0.433357	-1.132810	0.695801
85	-0.472890	0.927557	-0.107323	0.020332	0.078190	0.031509	-0.005435	0.044134	0.033020	0.168273	0.275482	-0.158296
86	-0.128323	0.629580	0.370235	-0.022172	-0.054212	0.004196	-0.008676	-0.016351	-0.008266	-0.014410	-0.059855	-0.010556
87	0.033195	0.371171	0.632277	-0.010892	-0.059261	-0.012716	-0.008251	-0.016794	-0.008693	0.002588	-0.055932	-0.022260
88	0.167262	-0.099502	0.931394	-0.155411	0.265129	0.161813	0.032884	0.043527	-0.005059	0.033052	0.079175	0.020282
89	0.000420	0.002820	-0.024956	-0.193223	-0.155637	0.260082	0.263911	-0.159558	-0.197781	-0.008530	-0.022705	0.000400
90	0.038595	-0.021563	0.001684	0.000040	-0.021142	-0.008768	-0.197971	-0.158664	0.266906	0.266838	-0.161931	-0.198177
91	-0.036835	-0.047451	0.039742	-0.009362	-0.020258	0.000854	0.000753	-0.020900	-0.008725	-0.197754	-0.161313	0.265205
92	-0.023480	0.041233	-0.043323	0.262610	-0.160325	-0.195388	-0.009349	-0.021696	0.001150	0.000513	-0.021069	-0.009572
93	-0.001052	-0.010349	0.059222	-0.106018	0.218802	0.406080	0.011351	0.028239	-0.000087	0.005696	0.008435	0.004829
94	0.000424	-0.008943	0.077016	-0.306921	0.371176	0.414321	0.011187	0.025452	-0.003631	0.003832	0.007923	0.002897
95	-0.000508	-0.004677	-0.017523	0.411894	0.370234	-0.305601	0.004979	0.027986	0.006023	0.003485	0.007940	0.003255
96	-0.001443	-0.007737	-0.010523	0.402222	0.218150	-0.102106	0.006425	0.030024	0.007411	0.005364	0.008605	0.005174
97	-0.007891	-0.000825	0.000229	0.007733	0.030248	0.006456	-0.107404	0.222354	0.403852	0.011166	0.029194	-0.000595
98	-0.004752	-0.000133	0.001496	0.006615	0.028151	0.004766	-0.310609	0.375645	0.414537	0.011103	0.026458	-0.004013
99	-0.009200	0.000764	0.000619	-0.003212	0.025508	0.010931	0.414261	0.374319	-0.310024	0.004953	0.029232	0.005783
100	-0.010555	-0.000421	-0.000086	0.000276	0.028373	0.011001	0.403434	0.220922	-0.105267	0.006565	0.031128	0.006760
101	-0.203364	-0.012967	-0.007051	0.005269	0.008518	0.005223	0.007186	0.031098	0.006653	-0.102631	0.217650	0.405157
102	-0.160929	-0.018987	-0.004455	0.003408	0.007941	0.003298	0.006078	0.028977	0.004950	-0.302644	0.368781	0.409077
103	-0.325336	0.075212	-0.008244	0.003157	0.007607	0.003538	-0.003462	0.025809	0.011440	0.413575	0.369209	-0.304798
104	-0.298329	0.056827	-0.009617	0.005056	0.008273	0.005343	-0.000069	0.028636	0.011424	0.403141	0.216267	-0.099644
105	0.056664	-0.305909	-0.206180	0.011101	0.028708	-0.000332	0.005282	0.008550	0.005108	0.007797	0.031169	0.006123
106	0.071930	-0.323999	-0.163601	0.010947	0.025435	-0.003814	0.003349	0.007744	0.003215	0.006533	0.028805	0.004535
107	-0.020220	-0.162052	-0.330983	0.004766	0.028587	0.005814	0.003175	0.008137	0.003369	-0.002895	0.026471	0.010942
108	-0.013583	-0.208248	-0.301977	0.006277	0.030746	0.006876	0.005122	0.008592	0.005248	0.000481	0.029318	0.011016

109	-0.001208	-0.000787	0.013202	0.018185	0.083582	-0.014371	-0.259302	0.077099	0.188327	0.004332	0.012213	0.001772
110	0.000627	-0.001968	0.011648	0.175308	0.072184	-0.246109	-0.004400	0.082578	0.009401	0.004347	0.010276	-0.002331
111	0.029087	0.009157	-0.001022	-0.002488	0.009545	0.004556	0.012959	0.082527	-0.011357	-0.248260	0.075421	0.176034
112	-0.067873	0.012388	-0.000423	0.002247	0.011322	0.004308	0.184489	0.076417	-0.254963	-0.018271	0.086010	0.021893
113	0.220748	-0.173351	0.026546	0.004355	0.010346	0.001442	-0.002782	0.009748	0.004281	0.017590	0.084517	-0.017200
114	-0.183636	0.220304	-0.066100	0.004952	0.009814	-0.002251	0.001947	0.010975	0.004527	0.180120	0.077077	-0.248001
115	0.013209	-0.070368	0.237374	-0.254552	0.076759	0.183008	0.004151	0.011394	0.001064	-0.002259	0.010067	0.004768
116	0.009988	0.029312	-0.195104	-0.007546	0.083587	0.012055	0.005104	0.010012	-0.002224	0.001846	0.010950	0.004550
117	0.035546	0.007552	0.006555	0.013427	-0.027920	0.005907	-0.001325	-0.003871	0.000392	-0.012444	0.019624	-0.006461
118	0.013935	0.004059	0.005477	0.004047	-0.014074	-0.000094	-0.003492	0.000222	-0.002690	-0.007230	0.006692	-0.006962
119	-0.005856	0.002576	0.005462	0.003583	-0.012472	-0.000218	-0.004144	0.001699	-0.003142	-0.003259	-0.000097	-0.004151
120	-0.000216	0.001544	0.002471	-0.000487	-0.000981	-0.001929	-0.002229	0.002217	-0.002132	-0.001537	-0.000660	-0.002017
121	0.000119	-0.000951	-0.001476	0.000431	0.000571	0.001241	0.001336	-0.001320	0.001329	0.000967	0.000412	0.001286
122	0.000085	-0.000567	-0.000969	0.000055	0.000442	0.000674	0.000897	-0.000917	0.000811	0.000571	0.000225	0.000743
123	0.005568	0.004289	0.004160	0.000389	-0.004837	-0.001293	-0.001900	0.001093	-0.001512	-0.003017	0.003232	-0.003416
124	-0.002877	-0.001815	-0.001738	-0.000042	0.001000	0.000377	0.000518	-0.000381	0.000656	0.001151	-0.001291	0.001366
125	-0.002675	-0.002510	-0.002463	-0.000345	0.003767	0.000948	0.001373	-0.000668	0.000837	0.001866	-0.001910	0.002034
126	0.003474	0.002854	0.005308	0.005696	-0.016788	-0.000809	-0.003822	0.002848	-0.003694	-0.004982	0.003895	-0.004425
127	0.000804	0.001482	0.002628	0.002521	-0.009734	-0.001607	-0.003099	0.002034	-0.002728	-0.004169	0.002033	-0.003709
128	-0.000302	0.000038	0.000197	-0.000230	0.000786	-0.000076	-0.000115	0.000085	-0.000149	-0.000059	-0.000286	-0.000088
129	-0.000085	-0.000757	-0.000457	0.000312	0.000076	0.000107	0.000265	-0.000232	0.000164	0.000252	-0.000164	0.000229
130	-0.000636	-0.000035	-0.000465	0.000176	-0.000102	0.000242	0.000230	0.000142	0.000292	0.000360	-0.000408	0.000308
131	0.000212	0.000341	0.000211	0.000170	0.000180	-0.000461	-0.000184	-0.000254	0.000058	-0.000138	0.000164	-0.000121
132	0.000311	0.000163	0.000206	-0.000188	-0.000906	0.000194	-0.000049	0.000534	-0.000289	-0.000159	0.000208	-0.000143
133	0.000516	0.000269	0.000328	-0.000247	-0.000043	-0.000017	-0.000159	-0.000268	-0.000085	-0.000269	0.000498	-0.000196
134	-0.005460	0.003868	-0.006467	-0.064156	-0.003085	0.067951	-0.001279	0.005350	0.001547	0.002080	0.002201	-0.002022
135	0.004635	-0.001183	0.016730	-0.023357	0.009682	0.023694	0.005367	0.011049	-0.002357	-0.000563	0.000909	0.003333
136	0.000436	0.004534	0.008188	0.022050	-0.015678	-0.041902	0.011102	0.015929	-0.004405	0.002465	0.000504	-0.001789
137	-0.006403	0.006184	0.000534	0.017876	-0.005102	-0.011463	0.008991	0.015321	-0.004838	0.006811	-0.004908	-0.006141
138	-0.010930	0.002706	-0.000191	-0.038449	-0.007964	0.055495	0.006272	-0.002633	-0.002450	0.006129	-0.007474	-0.005358
139	-0.006034	0.003219	-0.002942	0.007562	0.016002	0.004608	0.056260	-0.059899	-0.034972	0.008741	-0.014648	-0.015262
140	-0.008587	0.002288	-0.009084	0.012666	0.001074	-0.007597	0.039890	-0.003850	-0.027923	0.008563	-0.015019	-0.009376
141	-0.005725	0.004756	-0.003303	-0.000303	0.014963	-0.003551	0.003428	0.000784	0.022609	0.004487	-0.010866	-0.008205
142	0.003210	0.002206	-0.006997	0.003808	0.013890	-0.002375	-0.011987	-0.016445	-0.006487	-0.002669	-0.004073	-0.000670
143	0.002624	0.002929	-0.004378	0.004303	0.009912	-0.001196	0.054901	0.019610	-0.063976	-0.000945	-0.000822	-0.008300
144	0.026707	0.011472	-0.016669	0.009762	-0.000490	0.000541	-0.006601	-0.002295	0.006885	-0.036829	-0.144186	0.072985
145	0.026852	-0.001141	-0.003378	0.004558	0.002009	-0.000006	0.001982	-0.009991	-0.003930	-0.068741	0.019523	0.059028
146	-0.006005	0.005926	-0.002375	0.001695	0.000310	0.000315	0.001908	-0.002428	-0.004116	0.005593	-0.015469	-0.007954
147	-0.009252	-0.003720	-0.000944	0.000967	-0.006236	0.000860	-0.004248	-0.008300	0.003888	0.018434	0.028677	-0.003504
148	-0.003671	-0.002857	0.003724	0.000761	-0.007264	0.002657	-0.007846	-0.018266	0.006686	-0.019415	0.044440	0.010543
149	-0.011374	0.051724	-0.051387	0.000384	0.002655	0.001287	-0.001079	0.002897	0.004275	0.000193	-0.002265	0.008429
150	0.011755	-0.016318	0.001970	-0.002577	-0.008527	0.003007	-0.002224	-0.008482	0.004217	-0.007814	-0.006003	0.010097
151	0.027214	-0.034653	0.043545	-0.012268	-0.006699	0.004970	-0.004381	-0.005567	0.005558	-0.007819	0.012041	0.010078
152	0.033424	-0.045206	0.041460	-0.008344	-0.004345	0.001363	-0.002553	0.003421	0.004085	-0.009465	0.007408	0.016388
153	0.008514	0.002328	0.003583	-0.007792	-0.000590	0.004902	-0.000760	0.005275	0.001678	-0.006591	0.002166	0.009711
154	-0.008050	0.003180	-0.005000	0.015610	0.008127	-0.022789	0.007439	0.007755	-0.000425	0.007510	-0.010463	-0.007962
155	0.006216	0.000083	-0.006796	0.005761	0.007417	-0.002922	0.011045	-0.011120	-0.011493	-0.003491	0.011067	0.003210
156	0.017574	-0.030498	0.011345	-0.003279	-0.005928	0.002839	-0.005093	-0.010824	0.005247	-0.000926	0.018913	-0.002112
157	0.009027	-0.005243	0.034382	-0.012669	-0.003430	0.007515	0.002974	0.009304	0.000371	-0.003334	0.001383	0.008291
158	0.002026	-0.001322	-0.000833	-0.000029	0.003086	-0.000998	-0.000364	-0.000710	0.000460	0.000560	0.002740	-0.001040

159	0.003457	-0.007123	-0.007391	0.000244	-0.009036	0.004245	-0.001071	0.005672	-0.002385	-0.000188	0.006537	-0.003169
160	0.002148	-0.004821	-0.005471	0.000178	-0.009378	0.004329	-0.001105	0.005877	-0.002517	0.000061	0.004202	-0.002104
161	-0.000801	0.000847	-0.000247	-0.000609	-0.003959	0.001437	-0.000207	0.001652	-0.000740	0.000079	-0.001694	0.000613
162	-0.000301	0.000432	-0.001750	0.002905	-0.002595	0.002997	-0.002701	0.002327	-0.002502	-0.002599	-0.000300	-0.003151
163	-0.005495	0.009641	0.001625	0.001956	-0.020119	0.007580	-0.000407	0.008291	-0.003622	0.001729	-0.012476	0.005149
164	0.001134	0.007002	0.006625	0.017086	-0.027986	-0.017238	0.011007	0.023999	-0.003994	0.005076	-0.001732	-0.003027
165	0.000660	-0.000692	0.008656	-0.036429	-0.001870	0.063165	-0.007516	0.001044	0.002352	0.001337	-0.000906	-0.000559
166	0.010496	-0.010159	0.009322	-0.073648	-0.000406	0.072096	-0.022816	-0.023216	0.009581	-0.010179	0.007416	0.009665
167	-0.008425	0.006372	-0.007458	0.001440	0.022464	-0.004401	-0.047458	0.015209	0.048121	0.008607	-0.018051	-0.012015
168	0.002291	-0.001109	-0.001549	0.001321	-0.003825	0.000910	-0.023173	-0.001072	-0.013443	0.001007	-0.002287	0.001004
169	-0.004267	-0.004323	0.008341	-0.004763	-0.023709	0.005484	0.025265	0.045253	-0.034850	0.005575	0.006830	0.002773
170	0.001787	0.006614	0.016725	-0.010332	0.002059	0.004854	0.004675	0.027110	-0.000340	0.011241	-0.050357	0.014093
171	-0.000048	-0.011486	0.005473	-0.002135	-0.000757	-0.000446	-0.002044	0.004211	0.006577	-0.014431	0.039109	0.032061
172	0.041445	-0.016655	0.007283	-0.003217	0.007692	-0.001156	0.005640	0.015139	0.001401	-0.057770	-0.004520	0.049831
173	0.056933	-0.077809	0.051004	-0.015030	-0.007885	0.005180	-0.007363	-0.006573	0.008636	-0.013911	0.018085	0.023343
174	0.020515	-0.030570	-0.005363	0.005946	0.000935	-0.001321	0.000573	0.001856	-0.000032	-0.001345	-0.000856	0.006652
175	-0.033351	0.027168	-0.056837	0.020000	0.007302	-0.002944	0.004358	-0.003492	-0.006776	0.012712	-0.011513	-0.020581
176	-0.008892	0.001230	-0.029805	0.092915	0.039046	-0.104841	0.000170	0.001494	0.001428	0.008555	-0.007976	-0.005490
177	0.012492	-0.007927	-0.018860	0.023179	0.008092	-0.000216	-0.026566	-0.014094	0.018041	-0.007622	0.009096	0.011879
178	0.021048	-0.013214	-0.004953	0.005378	-0.002469	0.005520	0.022168	-0.037255	-0.020513	-0.014294	0.031457	0.029695
179	0.028759	-0.013233	0.004903	-0.002102	-0.013029	0.005635	-0.009027	-0.013244	0.011217	-0.056703	0.028689	0.057490
180	0.047954	-0.054957	-0.006082	0.001579	-0.013630	-0.002436	-0.007110	-0.004346	0.006332	-0.030361	0.010337	0.025465
181	-0.008311	0.061260	-0.040076	0.003984	-0.004727	-0.007338	0.003766	0.014841	-0.001860	-0.015169	-0.022455	0.018364
182	0.006146	-0.025809	0.074654	0.009948	0.005640	-0.016229	0.006755	0.016971	-0.005717	0.002341	-0.014902	0.001351
183	-0.011531	0.004145	-0.060880	0.052355	0.015495	-0.043399	0.005194	0.002642	-0.006106	0.008794	-0.016115	-0.009459
184	-0.000404	-0.003609	-0.006509	0.000843	-0.006893	0.004065	-0.001751	0.006672	-0.003089	-0.000350	-0.000329	-0.000584
185	0.005015	-0.009626	-0.009088	0.000372	-0.010953	0.004948	-0.000902	0.006260	-0.002832	-0.000549	0.009094	-0.004115
186	-0.000150	0.000999	0.001144	0.000498	0.001583	-0.000849	-0.000170	-0.001064	0.000329	0.000454	-0.000397	0.000316
187	-0.003074	0.006960	0.007329	-0.000925	0.014760	-0.005915	0.001307	-0.007132	0.003585	0.000070	-0.005902	0.002711
188	-0.001168	0.005555	0.007374	-0.000658	0.001680	-0.002395	0.001479	-0.004943	0.002071	0.000265	-0.002505	0.001686
189	0.000023	0.000004	-0.000024	-0.000070	-0.000331	0.000158	0.000124	-0.000104	-0.000008	0.000000	0.000007	0.000037
190	-0.000477	-0.001312	0.002735	0.004556	0.004394	-0.002127	0.025443	0.001572	-0.011158	0.001194	-0.000492	0.001121
191	0.000005	-0.000226	0.001375	-0.005881	0.001978	0.005142	-0.009845	0.004797	0.001536	-0.000899	0.001143	-0.000084
192	0.000456	-0.000567	0.000900	0.001948	0.000300	-0.005780	0.003436	-0.001763	-0.002194	0.000674	-0.000557	0.000511
193	-0.001033	0.001052	-0.001431	-0.002663	-0.001151	0.005418	-0.008807	0.000423	0.004462	-0.000662	0.000672	-0.000392
194	0.000388	-0.000935	0.003086	-0.000212	0.004132	-0.009907	0.006183	0.002718	-0.007048	0.000782	-0.000415	0.000458
195	-0.001428	-0.000178	0.001150	-0.005821	0.002033	0.017625	-0.003470	0.003632	0.006503	0.000356	0.000038	0.001036
196	-0.000177	-0.000277	0.000253	0.000260	0.000724	-0.000914	-0.001180	0.002646	-0.000013	0.000211	-0.000246	0.000441
197	0.000024	0.000040	0.000364	0.000072	0.000908	-0.000557	-0.000775	0.001095	-0.000259	-0.000053	0.000213	0.000024
198	0.000049	0.000131	0.000222	0.000335	0.000184	-0.000811	-0.000740	0.000179	0.000326	-0.000107	0.000258	-0.000111
199	-0.000017	0.000032	0.000384	-0.000057	0.001111	-0.000757	-0.000630	0.000791	0.000122	-0.000084	0.000221	0.000026
200	-0.000218	-0.000139	0.000307	-0.001147	0.001897	0.001103	-0.000659	0.000461	0.000141	-0.000029	-0.000209	0.000142
201	-0.004404	0.002311	-0.001122	0.001238	-0.000646	0.000806	-0.010937	0.001597	0.020935	-0.001903	0.004498	0.004131
202	-0.003597	0.000954	0.000280	-0.000230	0.000831	-0.000460	0.001466	0.003988	-0.009843	0.004316	0.002718	-0.005640
203	0.000056	0.001083	-0.000736	0.000212	-0.000349	0.000938	-0.002232	-0.001197	0.003978	-0.005554	-0.000185	0.001572
204	-0.000750	-0.000800	0.000175	-0.000164	0.000680	-0.000781	0.003359	0.000554	-0.006686	0.004410	-0.001547	-0.002761
205	-0.002566	0.002546	-0.000418	0.000589	-0.000434	0.000303	-0.006733	0.002120	0.005583	-0.008620	0.004315	-0.000555
206	-0.010472	0.001898	-0.000376	0.000771	0.000138	0.000846	0.006173	0.004220	-0.003761	0.016559	0.002145	-0.005802
207	0.000073	0.000108	-0.000273	0.000338	-0.000393	0.000214	-0.001145	0.001835	0.000007	-0.000533	0.000626	0.000012
208	-0.000614	0.000378	-0.000115	0.000003	0.000227	-0.000031	-0.000191	0.001181	-0.000723	-0.000671	0.000828	0.000022

209	-0.000173	0.000095	0.000077	-0.000103	0.000290	-0.000075	0.000321	0.000182	-0.000738	-0.000819	0.000250	0.000312
210	-0.000424	0.000496	-0.000039	-0.000005	0.000292	-0.000037	0.000124	0.000888	-0.000641	-0.000796	0.001113	-0.000082
211	0.000426	0.000417	-0.000078	0.000083	-0.000155	0.000019	0.000222	0.000522	-0.000808	0.001031	0.001904	-0.000952
212	-0.007983	0.027143	-0.010667	0.000916	-0.000163	0.001198	0.000730	0.000171	0.000447	0.005995	0.004033	-0.003497
213	0.013560	-0.001177	-0.002414	-0.000479	0.000565	-0.000091	0.000459	-0.000546	0.000451	-0.006497	0.002296	0.005339
214	-0.010171	0.005797	-0.000774	0.000827	-0.000394	0.000308	-0.000292	0.000578	-0.000580	0.003144	0.000552	-0.006231
215	0.006174	-0.009493	0.000004	-0.000756	0.000366	-0.000237	0.000348	-0.000354	0.000781	-0.002022	-0.001237	0.003519
216	-0.004876	0.014620	-0.003611	0.000333	-0.000155	0.000503	-0.000160	0.000892	-0.000626	0.001152	0.003999	-0.009335
217	0.031596	-0.008422	-0.004649	0.000786	-0.000212	0.000917	0.001052	-0.000486	0.000974	-0.010403	0.001417	0.020623
218	0.000100	-0.001010	0.000473	0.000285	-0.000384	0.000261	0.000105	-0.000215	-0.000023	0.000156	0.000409	-0.000814
219	0.001557	0.001100	-0.000430	-0.000069	0.000185	0.000001	-0.000029	0.000248	-0.000054	0.000099	0.000883	-0.000627
220	0.000407	0.000473	-0.000137	-0.000084	0.000274	-0.000085	-0.000090	0.000266	-0.000067	0.000327	0.000202	-0.000750
221	0.001668	0.001159	-0.000616	-0.000057	0.000186	-0.000030	-0.000028	0.000269	0.000016	-0.000144	0.001166	-0.000744
222	-0.002373	0.001833	0.000193	0.000068	-0.000187	0.000131	0.000341	-0.000361	0.000215	-0.000968	0.002178	-0.000437
223	0.001841	-0.011567	0.030020	-0.003351	0.004115	0.006148	0.000406	0.000030	0.000946	0.001243	-0.000063	0.001031
224	0.002988	-0.002304	-0.006630	0.006057	0.002817	-0.006644	0.000690	-0.000240	0.000417	-0.000315	0.000667	-0.000670
225	-0.001201	-0.000960	0.008905	-0.008090	0.000415	0.003862	-0.000624	0.000518	-0.000259	0.000345	-0.000316	0.000890
226	0.001065	0.000032	-0.010114	0.003922	-0.001559	-0.002381	0.000658	-0.000355	0.000286	-0.000310	0.000590	-0.000746
227	0.001079	-0.003726	0.015270	-0.009828	0.004290	0.000784	-0.000783	0.000770	-0.000148	0.000494	-0.000209	0.000448
228	0.002335	-0.005320	-0.006638	0.022969	0.001066	-0.009414	0.001084	-0.000502	0.001099	0.000789	-0.000074	0.000736
229	0.000498	0.000314	-0.000616	-0.000741	0.000451	0.000211	-0.000041	-0.000183	0.000107	0.000336	-0.000307	0.000202
230	0.000440	-0.000394	0.001750	-0.000672	0.000808	0.000129	-0.000094	0.000224	0.000016	0.000011	0.000300	-0.000034
231	0.000136	-0.000171	0.000335	-0.000745	0.000198	0.000330	-0.000111	0.000249	-0.000119	-0.000105	0.000284	-0.000077
232	0.000382	-0.000602	0.001392	-0.000764	0.001107	-0.000226	-0.000060	0.000170	-0.000018	-0.000032	0.000208	-0.000028
233	0.000168	-0.000009	0.001995	-0.000353	0.002174	-0.000468	0.000236	-0.000352	0.000344	0.000159	-0.000177	0.000046
234	-0.001940	0.000383	0.002889	-0.012726	0.008592	0.015593	-0.009320	0.007381	0.004541	0.000746	-0.000132	0.000524
235	0.001365	-0.001631	0.005027	0.002051	0.006324	-0.002591	0.033989	0.006964	-0.024304	-0.000166	-0.000042	0.000858
236	0.000551	-0.000487	-0.001813	0.003924	-0.004484	-0.003322	-0.000182	-0.004011	0.005007	0.000149	-0.000200	0.000009
237	0.000468	0.000060	-0.001754	0.002874	-0.003990	-0.001934	-0.008179	-0.004744	0.007148	-0.000375	0.000509	-0.000367
238	-0.000302	0.000292	-0.000230	0.000171	0.000431	-0.000744	-0.001764	0.000861	-0.000929	-0.000078	0.000023	-0.000057
239	-0.000277	0.000356	-0.000713	0.000700	-0.000728	-0.000729	-0.000938	-0.000504	-0.000571	-0.000081	-0.000093	-0.000142
240	0.000199	0.000124	0.000669	-0.001591	0.001301	0.000071	0.000612	0.001075	-0.002227	-0.000161	0.000118	-0.000158
241	0.000202	0.000117	0.000645	-0.001518	0.001148	-0.000070	0.000752	0.001312	-0.002336	-0.000139	0.000134	-0.000141
242	0.000290	-0.000164	-0.000098	-0.000483	-0.000786	-0.000469	-0.001616	-0.000839	0.001488	-0.000038	-0.000040	0.000007
243	0.000208	-0.000273	0.000421	-0.000815	0.000595	-0.001182	-0.001765	0.000234	0.000905	0.000003	-0.000009	0.000097
244	-0.000198	0.000639	-0.002246	0.003469	-0.004374	-0.003397	-0.005426	-0.003494	0.005221	0.000095	0.000029	-0.000300
245	-0.000562	0.000584	-0.002806	0.003864	-0.004043	-0.001112	-0.006313	-0.004225	0.006178	0.000041	-0.000295	-0.000327
246	-0.011230	0.004061	-0.000487	0.001386	0.000216	-0.000401	0.003110	0.007578	-0.005412	0.015367	0.007532	-0.012076
247	-0.005135	0.003930	-0.000192	0.000051	-0.000318	0.001058	-0.019793	0.007262	0.023335	-0.002744	0.007594	0.000956
248	0.005150	-0.002398	0.000129	-0.000250	-0.000416	0.000388	0.004310	-0.004525	-0.002037	-0.002966	-0.003974	0.004115
249	0.003756	-0.001936	0.000230	-0.000634	0.000444	-0.000001	0.005907	-0.005029	-0.005193	-0.001870	-0.003762	0.003198
250	0.000230	0.000041	-0.000137	0.000087	0.000047	-0.000278	-0.000817	0.001131	-0.001079	-0.001157	0.000216	0.000151
251	0.000853	-0.000476	-0.000126	0.000047	-0.000013	-0.000277	-0.000399	-0.000267	-0.000247	-0.001069	-0.001018	0.000741
252	-0.000800	0.000610	0.000194	-0.000143	0.000142	-0.000121	-0.001915	0.001023	0.000469	0.000244	0.001160	-0.001810
253	-0.000764	0.000565	0.000183	-0.000114	0.000130	-0.000143	-0.002026	0.001224	0.000631	0.000155	0.001036	-0.001771
254	0.001000	-0.000107	-0.000017	-0.000149	-0.000027	0.000157	0.001352	-0.000886	-0.001549	-0.000505	-0.000610	-0.000241
255	0.000618	0.000464	-0.000060	-0.000071	0.000050	0.000214	0.000768	0.000271	-0.001693	-0.001194	0.000720	-0.000611
256	0.003053	-0.002175	0.000097	-0.000103	0.000049	-0.000279	0.004290	-0.003514	-0.003248	-0.003488	-0.004603	0.003437
257	0.003250	-0.002590	0.000190	-0.000102	-0.000299	-0.000322	0.005364	-0.004259	-0.004164	-0.000623	-0.004302	0.003813
258	0.053561	-0.007899	-0.005551	-0.000179	-0.000277	0.000995	0.000622	0.000316	0.000503	-0.018989	0.006844	0.023489

259	-0.006503	0.042180	-0.010913	0.000606	0.000391	0.000421	0.000498	-0.000175	-0.000111	0.003001	0.007837	-0.005770
260	-0.016543	-0.005329	0.003219	0.000463	-0.000367	-0.000143	-0.000196	-0.000455	-0.000136	0.005022	-0.004305	-0.004185
261	-0.013000	-0.007589	0.003235	0.000107	0.000247	-0.000396	-0.000108	-0.000058	0.000052	0.004144	-0.003413	-0.002791
262	-0.000037	-0.000714	0.000554	-0.000305	0.000109	-0.000053	-0.000010	0.000053	0.000057	0.000764	0.000295	-0.001752
263	-0.001904	-0.001994	0.000946	-0.000303	-0.000007	-0.000094	-0.000056	0.000013	0.000028	0.001370	-0.000822	-0.001600
264	0.003724	0.002830	-0.000645	-0.000148	0.000116	-0.000089	-0.000121	0.000123	-0.000146	-0.001929	0.001243	0.000453
265	0.003635	0.002718	-0.000708	-0.000170	0.000110	-0.000108	-0.000150	0.000108	-0.000143	-0.001839	0.001029	0.000275
266	-0.001517	-0.001964	0.000842	0.000145	-0.000109	-0.000086	-0.000034	-0.000060	-0.000116	-0.000509	-0.000272	-0.000012
267	-0.000284	-0.000035	0.000207	0.000155	-0.000060	-0.000001	0.000017	0.000050	-0.000081	-0.000818	0.001132	-0.000759
268	-0.012053	-0.010300	0.003621	-0.000184	0.000109	-0.000286	-0.000446	0.000372	-0.000179	0.005491	-0.005141	-0.005237
269	-0.009311	-0.011709	0.005186	-0.000186	-0.000260	-0.000167	-0.000013	-0.000284	0.000268	0.004384	-0.004422	-0.002216
270	0.004610	-0.005559	-0.011432	0.030093	0.006912	-0.022226	-0.000003	-0.000237	0.000377	0.000841	-0.000389	-0.000091
271	0.003695	-0.011245	0.046385	-0.007951	0.008078	0.004867	0.000815	0.000084	0.001038	0.000391	0.000229	0.000682
272	-0.003047	0.003133	-0.003483	-0.005792	-0.004525	0.005656	-0.000136	-0.000360	-0.000139	-0.000069	-0.000297	0.000412
273	-0.002539	0.003094	-0.007069	-0.004850	-0.003644	0.004878	-0.000056	0.000047	-0.000241	-0.000444	0.000397	-0.000057
274	0.000767	0.000793	-0.001988	-0.001421	0.000351	0.000639	0.000035	0.000062	0.000000	-0.000014	0.000126	-0.000259
275	0.000184	0.001071	-0.003748	-0.001302	-0.000660	0.001216	0.000014	0.000034	-0.000100	-0.000032	-0.000018	-0.000288
276	0.000692	-0.000638	0.001422	0.000837	0.001585	-0.002195	-0.000052	0.000170	-0.000146	-0.000168	0.000040	-0.000159
277	0.000691	-0.000647	0.001782	0.000635	0.001289	-0.002088	-0.000079	0.000172	-0.000131	-0.000156	0.000060	-0.000165
278	-0.000963	0.000964	0.000779	-0.000938	-0.000809	-0.000550	-0.000167	-0.000180	-0.000033	-0.000071	-0.000069	0.000143
279	-0.000450	0.000294	0.002833	-0.001730	0.000595	-0.000909	-0.000161	-0.000117	0.000033	0.000011	-0.000019	0.000196
280	-0.001694	0.003700	-0.011228	-0.007335	-0.004896	0.006290	-0.000355	0.000563	-0.000492	-0.000165	0.000199	-0.000197
281	-0.001952	0.005036	-0.014030	-0.000409	-0.004270	0.004530	0.000133	-0.000233	-0.000165	-0.000130	-0.000255	-0.000212
282	0.000205	-0.000126	0.001520	0.020262	0.000631	-0.028037	0.035317	-0.002103	-0.027962	0.000692	-0.000207	-0.001119
283	0.000281	-0.000348	0.000576	-0.002147	-0.000801	0.000599	-0.002235	0.000697	0.002109	0.000411	0.000129	-0.000013
284	-0.000234	-0.000137	0.000361	-0.001085	0.001262	0.000351	-0.002631	-0.000093	0.001180	-0.000072	0.000026	0.000211
285	0.000030	-0.000108	0.000126	-0.002732	0.000692	0.002651	-0.003708	-0.000263	0.003571	0.000045	0.000091	0.000088
286	0.000138	0.000168	-0.000282	-0.000780	0.000314	0.001873	-0.000630	-0.001045	0.001584	-0.000168	0.000078	-0.000077
287	-0.000174	0.000178	-0.000303	0.002390	0.000756	-0.002403	-0.002029	-0.000535	-0.000161	-0.000508	0.000354	0.000021
288	0.007438	0.000850	-0.000003	-0.001060	-0.000042	0.000148	-0.025590	-0.002317	0.031487	-0.026861	0.000894	0.019560
289	-0.001726	0.000544	-0.000245	-0.000032	0.000120	0.000336	0.002215	0.000571	-0.001966	0.000625	-0.000775	-0.002512
290	-0.000687	0.000266	-0.000057	0.000186	0.000012	-0.000051	0.001012	-0.000229	-0.002475	0.000467	0.001279	-0.000952
291	-0.001074	0.000105	-0.000102	0.000052	0.000047	0.000018	0.003237	-0.000392	-0.003149	0.002928	0.000635	-0.002819
292	0.000421	-0.000195	0.000105	-0.000078	0.000080	-0.000146	0.001655	-0.000957	-0.000488	0.001739	0.000283	-0.000630
293	0.002172	-0.000233	0.000243	0.000007	0.000221	-0.000430	-0.001149	-0.000658	0.000287	-0.002386	0.000612	0.002234
294	0.064496	-0.060137	0.006845	-0.000461	-0.000398	0.000792	-0.001334	-0.000040	0.000195	-0.023923	-0.002163	0.028897
295	-0.005794	0.006492	-0.002248	-0.000391	-0.000052	-0.000019	-0.000057	-0.000219	0.000416	0.001503	0.000587	-0.000799
296	-0.001020	-0.000290	0.000441	0.000039	-0.000018	-0.000141	-0.000052	0.000083	-0.000136	0.001427	-0.000884	-0.000126
297	-0.006181	0.005985	-0.001034	0.000036	-0.000035	-0.000009	0.000069	0.000023	0.000036	0.002992	-0.000442	-0.002736
298	-0.001283	0.001980	-0.000650	0.000273	-0.000027	0.000145	0.000221	0.000004	-0.000062	0.000901	-0.000247	0.002346
299	0.006090	-0.005375	0.001466	0.000520	-0.000172	0.000081	0.000131	-0.000113	-0.000294	-0.002044	-0.000610	0.001931
300	0.000542	0.008620	-0.070819	0.034210	-0.002242	-0.026020	0.000937	0.000068	-0.000758	0.000912	-0.000459	-0.000399
301	0.000034	-0.002191	0.005943	0.002435	0.000372	0.000221	0.000502	-0.000269	0.000027	-0.000014	-0.000145	-0.000311
302	-0.000155	0.000406	0.000477	-0.000809	-0.001029	0.001566	-0.000220	0.000047	-0.000135	-0.000188	0.000018	0.000030
303	0.000095	-0.001178	0.007077	-0.003747	-0.000467	0.003400	0.000001	0.000002	0.000049	-0.000028	0.000001	0.000001
304	0.000388	-0.000865	0.002346	-0.002615	-0.000151	0.001113	-0.000079	-0.000031	0.000173	0.000143	-0.000030	0.000200
305	-0.000233	0.001232	-0.005303	0.002343	-0.000528	-0.002161	-0.000450	-0.000157	-0.000029	0.000033	-0.000194	0.000454
306	-0.001640	-0.002403	-0.000850	0.039010	0.006329	-0.035071	-0.057879	0.008416	0.058379	0.001578	0.004967	0.001466
307	0.000614	-0.000483	0.001356	-0.000466	0.003314	-0.002882	0.002296	-0.003587	0.001122	0.000835	0.000042	-0.000222
308	-0.000398	-0.000055	0.000204	0.003328	-0.000676	-0.004588	0.005007	0.001877	-0.005768	-0.000103	0.000003	-0.000019

309	0.000134	0.000059	-0.000044	0.002285	-0.000389	-0.002571	0.004837	-0.000508	-0.003264	0.000051	-0.000195	-0.000084
310	0.000003	0.000163	-0.000332	-0.002214	-0.000169	0.003622	-0.003409	-0.000207	0.003013	-0.000063	0.000087	-0.000073
311	-0.000162	-0.000470	0.000759	-0.003772	0.002358	0.002613	-0.006650	0.000010	0.004950	0.000238	-0.000094	0.000499
312	-0.000191	0.000780	-0.001926	0.000991	-0.004430	0.003586	-0.001823	0.002409	-0.000272	-0.000955	0.000156	-0.000105
313	0.002102	-0.000913	-0.001112	0.001132	0.004231	0.001186	0.050062	0.005532	-0.046082	-0.032456	0.005101	0.034868
314	-0.000903	0.001237	-0.000567	-0.000307	0.000063	0.000569	0.001403	-0.003709	0.002890	-0.001690	0.003026	-0.001041
315	0.001013	0.000034	0.000108	-0.000014	0.000009	-0.000163	-0.005393	0.001693	0.003705	-0.004548	-0.000464	0.003342
316	0.000911	-0.000123	0.000037	-0.000029	-0.000130	0.000072	-0.002781	-0.000377	0.003983	-0.002727	-0.000315	0.002378
317	-0.000804	-0.000215	0.000052	-0.000096	0.000063	-0.000076	0.002795	-0.000185	-0.002992	0.003661	-0.000220	-0.002222
318	-0.002121	0.000724	-0.000382	0.000435	-0.000110	0.000284	0.004424	-0.000115	-0.005946	0.002934	0.002193	-0.003671
319	0.001928	-0.001652	0.000750	0.000007	0.000105	-0.000679	-0.000552	0.002687	-0.001537	0.002257	-0.004214	0.001291
320	0.033892	0.005270	-0.003353	-0.001053	-0.003829	-0.000715	-0.000958	-0.003969	-0.001120	-0.048180	-0.006505	0.043319
321	0.004506	-0.003058	-0.001936	-0.000482	-0.000059	0.000302	-0.000066	-0.000160	0.000736	0.000553	-0.002745	0.001771
322	0.010177	-0.010210	0.001952	-0.000027	-0.000122	-0.000061	-0.000505	0.000133	-0.000287	-0.004139	0.000201	0.005443
323	0.005968	-0.005740	0.000863	-0.000050	0.000091	0.000019	0.000096	-0.000053	0.000047	-0.002634	0.000188	0.002643
324	-0.006395	0.006045	-0.000843	0.000119	-0.000047	0.000113	0.000033	0.000107	-0.000046	0.002559	0.000374	-0.003652
325	-0.009226	0.007697	-0.000927	-0.000324	0.000167	-0.000407	0.000044	-0.000002	0.000170	0.004867	-0.001655	-0.002723
326	-0.005432	0.005666	0.000854	0.000765	-0.000028	0.000026	0.000402	-0.000025	-0.000623	-0.001054	0.003655	-0.003641
327	0.001454	-0.003725	0.010421	0.055770	-0.007751	-0.054471	-0.001466	-0.004664	-0.001293	-0.001253	-0.004584	-0.001368
328	0.001178	-0.001917	-0.002621	0.001426	-0.003002	0.000628	0.000957	-0.000219	0.000132	0.000291	-0.000031	-0.000507
329	-0.000735	0.002489	-0.012102	0.006486	0.000100	-0.004704	-0.000237	0.000158	-0.000415	-0.000053	-0.000133	0.000052
330	0.000367	0.000936	-0.007514	0.003387	0.000330	-0.002799	0.000126	-0.000009	0.000076	0.000045	0.000078	-0.000092
331	-0.000026	-0.000989	0.007520	-0.004851	0.000362	0.003022	-0.000067	0.000083	0.000063	0.000117	-0.000011	0.000122
332	-0.000146	-0.001090	0.010633	-0.005175	-0.001899	0.005599	0.000007	-0.000017	-0.000045	-0.000479	0.000220	-0.000295
333	-0.000649	0.000548	0.004414	-0.001416	0.004110	-0.001615	-0.000788	0.000002	0.000189	0.000070	-0.000122	0.000721

	25	26	27	28	29	30	31	32	33	34	35	36
1	-0.008719	0.004977	-0.008075	0.023636	0.024965	0.021578	0.007630	0.002820	0.002071	0.006799	0.020614	0.000440
2	0.025095	0.010326	0.018736	0.030066	0.030910	0.027384	0.027752	0.042103	0.041104	0.026728	0.027265	0.002604
3	0.177032	0.191805	-0.272895	0.510921	0.081472	0.105811	0.076935	0.076867	0.098559	0.094166	0.516326	-0.029619
4	0.009260	0.011651	0.011277	0.089939	0.519908	0.515233	0.095160	0.099603	0.076773	0.076549	0.098960	-0.009442
5	-0.271665	0.195118	0.176222	0.076878	0.107967	0.106543	0.528958	0.518304	0.102009	0.106536	0.072872	-0.004857
6	0.021131	0.203947	0.038636	0.102398	0.077014	0.074929	0.106496	0.101124	0.517691	0.531191	0.103746	0.021448
7	0.010939	-0.006991	0.012204	0.015966	0.015144	0.013559	0.017534	0.015404	0.015635	0.019089	0.014462	0.000468
8	0.211030	0.014040	-0.216766	-0.235796	0.205157	0.026808	-0.016073	0.026966	-0.023667	-0.497671	1.016150	-0.061227
9	-0.038744	0.058600	-0.028809	0.995753	-0.499957	-0.024577	0.026845	-0.018252	0.019622	0.204520	-0.243720	0.009679
10	-0.010883	0.008256	-0.008191	-0.492725	1.040100	-0.262330	0.209559	0.021429	-0.018180	0.030092	-0.032354	-0.001339
11	-0.006344	0.005766	-0.008589	0.210607	-0.259401	1.032020	-0.503115	-0.025207	0.027435	-0.019335	0.027602	-0.002145
12	-0.030261	0.060483	-0.036411	0.023501	-0.025202	-0.499327	1.008260	-0.242175	0.207870	0.024051	-0.017401	-0.000091
13	-0.211854	0.019934	0.204740	-0.015127	0.024110	0.208788	-0.241757	1.016380	-0.475244	-0.021795	0.027338	-0.001109
14	1.376340	1.405160	-0.020544	0.025940	-0.020827	0.027521	-0.024435	-0.491445	1.008320	-0.249968	0.209868	-0.001397
15	-0.033647	1.401380	1.385640	-0.031633	0.027035	-0.019487	0.022350	0.206901	-0.251947	1.019980	-0.500816	0.027713
16	0.007140	-0.047414	0.031032	-0.320290	-0.113093	0.017755	-0.007269	-0.044681	0.013443	-0.198720	0.886431	-0.045481
17	-0.026441	-0.047894	-0.048220	-0.401852	-0.182030	-0.092671	-0.051473	-0.048979	-0.090666	-0.185487	-0.409663	0.062061
18	0.041683	-0.027230	0.007490	0.877816	-0.194224	0.013726	-0.045377	-0.008888	0.018631	-0.109442	-0.327363	0.063565
19	0.022080	-0.025303	0.020522	-0.188365	0.888805	-0.336830	-0.107229	0.019365	-0.007706	-0.043482	0.011502	0.001572
20	-0.024634	-0.004412	-0.026125	-0.188464	-0.407201	-0.406961	-0.189833	-0.089513	-0.050128	-0.054982	-0.090482	0.001759
21	0.020393	-0.025097	0.020980	-0.108435	-0.340657	0.884647	-0.192595	0.011381	-0.045232	-0.005327	0.017860	0.000438
22	0.006354	-0.027781	0.039783	-0.046624	0.011653	-0.197276	0.890494	-0.328790	-0.114035	0.017539	-0.010519	0.000833

23	-0.045821	-0.051397	-0.028331	-0.052910	-0.094811	-0.191874	-0.414700	-0.414308	-0.193835	-0.094356	-0.052323	0.001464
24	0.029990	-0.045639	0.005958	-0.007346	0.021275	-0.110432	-0.326513	0.882799	-0.189877	0.012996	-0.043534	0.001017
25	5.979500	0.000540	-1.127610	0.017223	-0.003876	-0.043114	0.013821	-0.183460	0.875628	-0.331061	-0.108828	0.001020
26	0.000540	5.766310	0.002667	-0.090289	-0.054710	-0.052594	-0.092577	-0.191337	-0.404392	-0.409367	-0.189749	0.003754
27	-1.127610	0.002667	5.957200	0.009072	-0.043885	-0.010039	0.016916	-0.112696	-0.326283	0.887883	-0.193944	0.001879
28	0.017223	-0.090289	0.009072	5.931700	-0.361006	-0.183207	-0.158669	-0.097177	-0.217364	-0.166958	-0.176836	0.014530
29	-0.003876	-0.054710	-0.043885	-0.361006	5.970530	-0.166667	-0.183923	-0.216693	-0.097194	-0.172789	-0.167319	0.005953
30	-0.043114	-0.052594	-0.010039	-0.183207	-0.166667	5.986610	-0.359588	-0.169275	-0.159975	-0.100607	-0.219811	0.003628
31	0.013821	-0.092577	0.016916	-0.158669	-0.183923	-0.359588	5.973410	-0.174617	-0.174664	-0.219870	-0.097943	0.002750
32	-0.183460	-0.191337	-0.112696	-0.097177	-0.216693	-0.169275	-0.174617	5.997610	-0.350329	-0.184418	-0.152527	0.004677
33	0.875628	-0.404392	-0.326283	-0.217364	-0.097194	-0.159975	-0.174664	-0.350329	5.970020	-0.162876	-0.176073	0.004665
34	-0.331061	-0.409367	0.887883	-0.166958	-0.172789	-0.100607	-0.219870	-0.184418	-0.162876	5.979700	-0.363137	0.013683
35	-0.108828	-0.189749	-0.193944	-0.176836	-0.167319	-0.219811	-0.097943	-0.152527	-0.176073	-0.363137	5.967050	-0.052794
36	0.001020	0.003754	0.001879	0.014530	0.005953	0.003628	0.002750	0.004677	0.004665	0.013683	-0.052794	5.531820
37	0.000352	0.001830	0.001617	-0.049442	0.012792	0.004200	0.004490	0.002474	0.003642	0.006126	0.014717	0.004875
38	0.000788	0.001556	0.000904	0.014370	-0.056186	0.014559	0.006117	0.003567	0.002869	0.004987	0.005208	0.000093
39	0.000934	0.001413	0.000836	0.006643	0.015315	-0.053374	0.013042	0.004274	0.004749	0.002656	0.003994	0.000100
40	0.001645	0.001957	0.000316	0.004636	0.004020	0.012305	-0.049578	0.015153	0.006529	0.003776	0.002551	0.000073
41	0.001700	0.003394	0.000932	0.002458	0.003808	0.006337	0.015305	-0.053011	0.012700	0.004165	0.004601	0.000054
42	-0.043634	0.062434	0.062606	0.003558	0.002357	0.004418	0.003817	0.012074	-0.047857	0.014751	0.006086	0.000085
43	0.065183	0.063438	-0.046544	0.004385	0.004588	0.002634	0.003737	0.006566	0.014857	-0.053180	0.013126	0.000186
44	0.001078	-0.005024	-0.000330	0.254187	0.267083	0.001202	-0.019676	-0.007345	-0.007520	-0.019259	0.002291	-0.000355
45	-0.000315	-0.004677	0.000966	-0.019325	0.002009	0.256373	0.251817	0.003147	-0.018841	-0.006963	-0.007490	0.000033
46	0.002989	0.003520	-0.020122	-0.007222	-0.006836	-0.018733	0.002566	0.256325	0.252683	0.002284	-0.019056	0.000052
47	-0.022460	0.002686	0.003709	0.002221	-0.019338	-0.007647	-0.007702	-0.019248	0.001202	0.257131	0.265066	-0.004282
48	0.001271	-0.000033	0.001259	0.005201	0.003903	0.003967	0.002031	-0.002909	0.003773	0.001135	0.001548	-0.000049
49	0.001289	0.001309	0.002044	-0.001438	-0.000508	0.001591	0.001423	0.000298	0.001857	0.003726	0.002089	0.000225
50	-0.006875	0.008142	-0.005244	-0.013279	-0.009215	-0.000025	-0.006990	-0.005440	-0.002546	0.000977	-0.002363	0.000068
51	0.003578	-0.002443	0.004248	-0.001186	0.000692	0.002714	0.002265	0.001879	0.002437	0.002579	0.003651	0.000889
52	0.000155	-0.002634	0.001178	0.004913	0.012457	0.001523	0.004537	-0.001194	-0.001670	0.003550	0.000526	-0.000796
53	-0.000153	0.002051	-0.000557	0.000462	-0.000009	0.002445	0.000495	-0.004373	0.001122	0.000543	-0.000147	0.000016
54	0.000337	-0.000034	0.000362	0.000220	0.000251	0.000361	0.000478	0.000253	0.000280	0.000333	0.000229	0.000056
55	0.000026	0.000674	0.000069	0.000967	0.000854	0.000423	0.000926	0.001033	0.000807	0.001230	0.001086	-0.000145
56	-0.000686	0.001397	-0.000232	-0.006977	0.001848	0.000362	0.000458	0.000840	0.000154	0.003613	0.000190	0.000110
57	0.000055	-0.000331	0.000209	0.000114	0.000276	0.000021	-0.000112	-0.000178	-0.000136	-0.000058	0.000203	0.000065
58	0.000174	-0.000221	0.000342	-0.000057	-0.000216	-0.000110	-0.000169	-0.000147	-0.000021	0.000201	0.000095	0.000126
59	0.000282	-0.000391	0.000230	-0.000161	0.000296	0.000000	0.000006	-0.000155	-0.000024	-0.000123	-0.000183	0.000024
60	-0.004910	0.001861	-0.007139	-0.010906	-0.010395	-0.007986	-0.009496	-0.000360	-0.001673	-0.009327	-0.008625	-0.000623
61	-0.011664	0.016020	-0.006483	0.021159	0.017905	-0.012494	-0.042780	0.015971	0.012840	0.015604	-0.014820	-0.000539
62	0.013490	-0.019591	0.002406	-0.019070	-0.005137	-0.015567	0.009728	0.003156	-0.003186	-0.045549	-0.024741	0.002116
63	0.004126	-0.004177	0.015515	-0.013187	-0.032032	-0.016348	-0.026812	0.023342	0.009548	0.004326	-0.018580	0.001783
64	0.002668	-0.003669	-0.013477	-0.022580	0.008755	-0.020133	-0.005020	0.035926	0.041816	-0.031042	-0.028849	0.000161
65	0.000741	0.006262	-0.012908	0.009994	0.016381	0.007969	0.017153	-0.014751	0.004384	-0.002787	0.025571	-0.001672
66	-0.003963	0.008132	0.005117	0.011773	-0.013734	0.027432	0.013498	-0.024683	-0.031602	0.022793	0.016718	-0.000047
67	0.008102	-0.003945	0.005579	-0.043216	-0.030237	-0.007326	0.026991	0.000423	0.000586	0.010798	0.033052	0.000120
68	-0.006008	0.015232	-0.000507	0.004607	-0.013332	0.031708	0.007313	0.010896	0.016091	0.030095	0.011113	-0.001717
69	-0.056778	-0.161491	0.023887	0.898454	0.906520	-0.263783	-0.321234	-0.306375	-0.304835	-0.322555	-0.263001	-0.001943
70	0.027544	-0.161288	-0.062367	-0.322708	-0.269957	0.909449	0.906137	-0.267945	-0.323517	-0.313508	-0.307608	0.008928
71	0.127032	0.162761	-0.095288	-0.311442	-0.319257	-0.327688	-0.268792	0.893988	0.894407	-0.270268	-0.325597	0.003924
72	-0.097869	0.162274	0.133483	-0.265847	-0.320991	-0.312321	-0.309948	-0.322229	-0.267031	0.911610	0.903846	-0.011207

73	0.162278	0.265057	-0.155202	-0.205517	0.235605	0.149618	0.165872	0.115595	0.139060	0.546681	0.996646	-0.016366
74	-0.012699	-0.059714	-0.012135	-0.117038	-0.222879	-0.055873	-0.052929	-0.062568	-0.060991	-0.217524	0.267248	-0.131556
75	0.004350	-0.055259	-0.022910	0.261148	-0.212296	-0.061599	-0.063723	-0.052575	-0.054506	-0.224990	-0.116341	0.031846
76	0.031766	0.079816	0.022186	0.981820	0.531600	0.148426	0.118871	0.162094	0.147016	0.239424	-0.208857	0.051785
77	-0.005777	0.046501	0.033769	0.549459	1.005520	-0.212899	0.237433	0.148159	0.165219	0.120894	0.141704	-0.009249
78	-0.008400	-0.016542	-0.008996	-0.214996	0.270842	-0.117137	-0.224607	-0.054518	-0.051751	-0.065133	-0.062323	0.002314
79	-0.008063	-0.016429	-0.009575	-0.225113	-0.118247	0.268052	-0.215742	-0.060999	-0.062825	-0.053149	-0.056563	0.001518
80	0.031415	0.044289	-0.002231	0.238113	-0.219798	0.999063	0.546348	0.137354	0.113537	0.168380	0.148847	-0.003211
81	0.020179	0.081548	0.032889	0.115917	0.144041	0.553518	1.007390	-0.204406	0.241206	0.149062	0.164844	-0.002942
82	-0.022645	-0.056005	0.001941	-0.064523	-0.063417	-0.217909	0.260194	-0.123358	-0.229074	-0.056089	-0.054250	0.001276
83	-0.011056	-0.060326	-0.014874	-0.053074	-0.056536	-0.227150	-0.124012	0.259967	-0.217758	-0.062386	-0.064044	0.001360
84	-0.156206	0.269508	0.166837	0.167374	0.151473	0.235291	-0.206914	1.001000	0.560511	0.148135	0.116757	-0.004800
85	0.703108	-1.127510	-0.431418	0.147488	0.166261	0.117078	0.146806	0.550180	0.984183	-0.212562	0.233963	-0.004429
86	0.402409	-0.594091	-0.807775	-0.055803	-0.052339	-0.063677	-0.061407	-0.212247	0.259662	-0.117315	-0.224067	0.003003
87	-0.818840	-0.594893	0.413220	-0.061774	-0.064478	-0.053367	-0.055923	-0.225227	-0.121291	0.267409	-0.214651	0.003274
88	-0.426141	-1.122310	0.701547	0.139929	0.116341	0.165459	0.146308	0.231896	-0.203718	1.000390	0.548171	0.013839
89	0.001150	-0.021844	-0.009741	0.111606	0.116202	-0.096036	-0.043332	-0.046644	-0.044728	-0.045025	-0.092889	0.008722
90	-0.009092	-0.022066	0.000570	-0.045486	-0.096537	0.117506	0.118297	-0.097785	-0.046086	-0.045716	-0.045121	0.001680
91	0.264000	-0.160046	-0.195853	-0.043684	-0.045738	-0.042465	-0.095012	0.119702	0.114135	-0.094943	-0.042659	0.002344
92	-0.195262	-0.158346	0.263279	-0.095077	-0.045629	-0.046144	-0.044325	-0.045978	-0.094894	0.114895	0.114531	-0.003268
93	0.006936	0.030880	0.006914	0.056636	0.115244	0.030775	0.029325	0.033160	0.032634	0.112292	-0.107644	0.063520
94	0.005759	0.028819	0.005229	0.060361	0.107721	0.025116	0.023626	0.029415	0.028364	0.105233	-0.159572	0.068028
95	-0.003944	0.026006	0.011389	-0.155901	0.103025	0.028741	0.030061	0.023343	0.024371	0.108534	0.060117	-0.018090
96	-0.000450	0.028973	0.011536	-0.106049	0.110079	0.033105	0.033942	0.029016	0.030091	0.116366	0.056140	-0.013709
97	0.005126	0.008536	0.005485	0.111273	-0.108211	0.056410	0.116019	0.029899	0.028662	0.034505	0.033399	-0.001099
98	0.003283	0.007993	0.003522	0.103819	-0.162733	0.060772	0.108621	0.024550	0.023077	0.030666	0.029015	-0.001217
99	0.003053	0.007957	0.003863	0.108681	0.060933	-0.161093	0.104658	0.028553	0.029648	0.023739	0.025349	-0.000714
100	0.004993	0.008409	0.005734	0.116137	0.057064	-0.107094	0.111205	0.032468	0.033171	0.029389	0.031003	-0.000793
101	0.011291	0.029551	0.000843	0.034328	0.033697	0.112727	-0.106626	0.060369	0.118445	0.031151	0.029786	-0.000614
102	0.011153	0.026308	-0.002723	0.030196	0.029664	0.105345	-0.154452	0.062531	0.109997	0.024891	0.024288	-0.000656
103	0.004682	0.028955	0.006810	0.023690	0.025515	0.109877	0.063980	-0.155890	0.105086	0.028875	0.030107	-0.000727
104	0.006396	0.031351	0.008067	0.029406	0.031075	0.117273	0.060057	-0.103914	0.112703	0.033492	0.033963	-0.000632
105	-0.102354	0.221436	0.402232	0.031009	0.029055	0.034006	0.032965	0.110188	-0.106837	0.057633	0.116174	-0.001512
106	-0.300435	0.372557	0.405988	0.024817	0.023168	0.029675	0.028439	0.102355	-0.153133	0.059972	0.107689	-0.001489
107	0.415631	0.374228	-0.311109	0.028738	0.030407	0.023851	0.025232	0.108430	0.062722	-0.160723	0.103967	-0.001928
108	0.403870	0.220771	-0.102791	0.032969	0.034055	0.029371	0.030680	0.115907	0.058669	-0.107324	0.110973	-0.001351
109	-0.002680	0.010962	0.005062	0.279325	-0.406007	0.051904	0.028112	0.021554	0.025233	0.019072	0.045943	-0.004575
110	0.001531	0.010744	0.004683	-0.391450	0.289867	0.044249	0.015293	0.024813	0.019376	0.025902	0.046949	-0.004141
111	0.004132	0.010875	0.001612	0.016142	0.044386	0.279801	-0.390630	0.050927	0.026290	0.019757	0.024250	-0.001140
112	0.004753	0.010913	-0.002017	0.028812	0.051577	-0.396351	0.272903	0.045972	0.019086	0.025937	0.020497	-0.000502
113	-0.242408	0.074911	0.172774	0.019159	0.024556	0.015719	0.043134	0.270106	-0.381833	0.050069	0.025769	-0.001515
114	-0.021966	0.085152	0.023347	0.024476	0.020950	0.026689	0.051873	-0.389895	0.267188	0.044920	0.016781	-0.000830
115	0.014952	0.083498	-0.011405	0.049777	0.028228	0.021090	0.024339	0.018363	0.044511	0.282028	-0.400187	0.035165
116	0.180479	0.074817	-0.252211	0.044916	0.016842	0.024826	0.019874	0.026893	0.049709	-0.397168	0.286249	-0.031932
117	-0.003366	0.008419	-0.002597	-0.015911	-0.015724	-0.000986	-0.008442	0.008670	0.010210	0.003459	0.003911	0.000415
118	-0.005307	0.007044	-0.004748	-0.010573	-0.010268	-0.000317	-0.006925	-0.000816	0.001171	-0.000553	-0.001355	-0.000089
119	-0.005614	0.007835	-0.005204	-0.010284	-0.008882	-0.001191	-0.005487	-0.005749	-0.002537	-0.000016	-0.001646	-0.000007
120	-0.002174	0.002029	-0.001803	-0.002515	-0.000859	-0.000209	-0.002001	-0.001790	-0.000423	0.000614	0.000023	-0.000256
121	0.001376	-0.001169	0.001115	0.001620	0.000551	0.000153	0.001239	0.001099	0.000342	-0.000127	0.000170	0.000135
122	0.000792	-0.000843	0.000683	0.000885	0.000286	0.000054	0.000754	0.000698	0.000096	-0.000486	-0.000184	0.000122

123	-0.002893	0.003474	-0.003006	-0.003711	-0.001635	0.000619	-0.001518	-0.001706	-0.000106	-0.000827	-0.001251	-0.000242
124	0.000996	-0.001169	0.001145	0.001036	0.000699	-0.000359	0.000593	0.000520	-0.000096	0.000494	0.000266	0.000017
125	0.001905	-0.002327	0.001867	0.002696	0.000983	-0.000254	0.000935	0.001178	0.000181	0.000330	0.000961	0.000222
126	-0.005762	0.006934	-0.005122	-0.015663	-0.010108	-0.000502	-0.005752	-0.001884	-0.001487	-0.000690	-0.001309	0.000359
127	-0.004745	0.004788	-0.004147	-0.007017	-0.004585	-0.000879	-0.004795	-0.002586	-0.002313	-0.000468	-0.001836	-0.000265
128	-0.000085	0.000033	-0.000117	0.000404	0.000077	-0.000150	-0.000278	-0.000254	-0.000113	-0.000144	0.000141	-0.000031
129	0.000346	-0.000343	0.000486	0.000145	-0.000163	0.000046	-0.000032	0.000136	0.000145	0.000442	0.000062	0.000099
130	0.000218	-0.000247	0.000266	-0.000070	0.000283	0.000151	0.000207	-0.000008	-0.000018	-0.000101	0.000186	0.000093
131	-0.000262	0.000188	-0.000107	-0.000430	-0.000340	0.000007	0.000033	-0.000078	-0.000007	-0.000102	0.000274	0.000056
132	-0.000126	0.000174	-0.000211	-0.000100	0.000394	0.000074	-0.000004	0.000069	-0.000078	0.000034	-0.000410	-0.000144
133	-0.000106	0.000209	-0.000332	0.000042	-0.000251	-0.000130	0.000071	0.000131	0.000067	-0.000134	-0.000256	-0.000077
134	-0.006617	-0.013473	-0.006266	0.082439	0.021830	-0.004887	0.003312	-0.020926	-0.006941	-0.035725	-0.031207	0.001401
135	-0.009632	-0.005151	0.004335	0.010268	0.030098	0.004186	0.005414	0.010711	0.010631	0.016129	-0.029655	0.003566
136	-0.001568	-0.006342	0.003434	-0.017270	0.036759	0.007683	0.009622	0.003047	0.003533	0.000400	0.013111	-0.003205
137	-0.001630	-0.009546	0.000768	-0.031419	0.031131	0.009453	0.010708	-0.007255	-0.001070	-0.001021	-0.001851	0.001407
138	-0.000944	-0.011330	0.002172	0.017444	-0.019963	0.000136	0.002281	-0.014022	-0.008703	-0.010962	-0.023351	0.004229
139	-0.000004	0.004064	0.003218	0.059955	0.066327	-0.024064	0.001992	-0.004654	-0.009052	0.014137	0.015196	-0.000933
140	0.002345	-0.004898	-0.000990	-0.034434	0.025658	-0.005226	-0.005955	-0.015160	-0.009546	-0.003422	0.003904	0.000231
141	0.001165	-0.001473	0.001336	0.011939	-0.012883	0.005679	0.004542	-0.007974	-0.001376	0.004570	0.010924	-0.000329
142	0.000806	0.003186	-0.001224	0.013972	0.012326	0.008872	-0.007817	-0.001550	-0.000116	0.000739	0.010722	-0.000591
143	0.003562	0.005256	-0.002533	0.025662	0.036416	-0.064912	0.005995	0.010585	0.011651	0.000945	0.009157	-0.000799
144	0.019495	0.023734	-0.003463	0.000774	0.014957	0.024619	-0.004895	0.100785	0.103340	0.011592	0.022999	-0.000796
145	0.008521	0.007939	-0.005524	0.008883	0.011808	0.000387	-0.036057	0.052661	0.037382	-0.000049	0.006608	-0.000570
146	0.005227	0.003304	-0.001647	-0.000884	0.000721	-0.007254	0.027665	0.011002	0.014411	0.000584	0.004155	-0.000138
147	-0.003421	0.003083	-0.000433	-0.003370	-0.008542	-0.000432	-0.004242	-0.024805	-0.005228	0.002982	-0.004077	-0.000075
148	0.003214	-0.009775	0.001918	-0.009331	-0.015554	-0.013929	-0.011346	-0.001617	-0.035361	-0.001936	-0.004806	0.000008
149	0.097141	-0.068472	-0.078772	0.016440	-0.005632	0.012151	-0.001212	0.055636	0.096204	-0.047470	0.008030	-0.001557
150	0.017921	0.004415	-0.011943	-0.002339	-0.014984	-0.003501	-0.005500	-0.024795	-0.012980	-0.000520	-0.013246	-0.000189
151	-0.038919	-0.007578	0.046854	0.002479	-0.011328	0.000658	-0.000014	0.030063	-0.031346	0.029137	-0.019340	0.000228
152	-0.041399	-0.009694	0.039891	0.003301	0.000434	0.007623	0.000244	0.047144	-0.006206	0.036598	-0.017201	0.000285
153	0.033474	0.021759	-0.039564	0.011974	0.007988	0.005117	-0.000703	0.036179	0.029521	-0.021841	0.001474	-0.000965
154	0.000064	-0.006584	0.000295	-0.027119	0.001862	0.006909	0.004120	-0.013340	-0.005452	-0.002034	0.001172	0.000213
155	0.005742	0.007467	-0.004707	0.014296	0.014489	-0.025049	-0.013891	0.023357	0.019350	-0.000298	0.009784	-0.001023
156	-0.025581	0.002509	0.018388	-0.002605	-0.014035	-0.003206	0.000622	-0.006472	-0.032662	0.003649	-0.006407	-0.000075
157	-0.008942	-0.001663	0.015662	0.011200	0.017915	0.006822	0.002968	0.023288	0.020890	0.010131	-0.017881	0.001093
158	0.000073	-0.001319	0.000715	-0.001349	-0.002554	-0.000441	0.001518	-0.001396	-0.001873	-0.000481	0.001161	0.000134
159	0.001478	-0.004588	0.001573	0.002741	0.006043	0.000588	0.002265	-0.001848	-0.004008	-0.000480	-0.002679	-0.000397
160	0.001043	-0.002950	0.000779	0.002873	0.006243	0.000648	0.001294	-0.001147	-0.002725	-0.000305	-0.003219	-0.000373
161	0.000329	0.000185	-0.000086	0.002004	0.002255	0.000273	-0.000446	0.000468	0.002205	0.000212	-0.000729	-0.000153
162	0.003297	0.000471	0.002325	0.001265	-0.001369	-0.004323	-0.005313	-0.003338	0.003070	0.005444	0.004466	0.000367
163	-0.000561	0.005539	-0.003432	0.007873	0.012225	0.002780	-0.002777	0.004951	0.009835	0.001245	-0.003399	-0.000649
164	-0.005273	-0.011315	0.005946	0.010408	0.048914	0.012168	0.012853	0.003001	0.005642	0.003084	0.027549	-0.003247
165	-0.002265	0.001003	0.000118	0.030466	-0.001975	0.000975	0.000542	0.001077	0.002724	0.011403	-0.028416	0.002285
166	0.000784	0.015838	-0.001065	0.063764	-0.050116	-0.014309	-0.016818	0.013528	0.003372	0.008666	-0.024995	0.002298
167	0.001104	-0.001640	0.001073	0.012593	-0.052043	0.024168	0.001003	-0.015326	-0.005577	0.006003	0.016517	-0.000405
168	-0.000702	-0.000531	-0.001273	-0.015456	0.005271	0.011604	-0.012213	-0.005145	-0.004962	-0.004225	-0.003517	0.000139
169	-0.001971	-0.004629	0.001687	-0.030085	-0.011106	-0.039296	0.010047	0.001001	-0.001805	-0.002449	-0.018127	0.001141
170	-0.003209	-0.020662	0.011503	0.000634	0.008996	0.030629	0.025954	-0.017428	-0.037848	0.002459	-0.003940	0.001047
171	-0.007756	-0.004190	0.001833	0.002125	0.000039	0.011598	-0.039062	-0.019770	-0.016535	0.000059	-0.005816	0.000218
172	-0.002853	-0.010814	0.002688	0.006343	0.012283	0.005128	-0.027177	0.048447	-0.015324	-0.005122	-0.001983	0.000367

173	-0.066493	-0.017067	0.076041	0.004042	-0.016654	0.004223	0.000067	0.049305	-0.050307	0.031720	-0.021127	0.000234
174	-0.018988	0.005664	-0.000827	-0.000598	0.002082	0.002368	0.001661	0.003249	-0.015979	-0.005412	0.003144	-0.000111
175	0.041119	0.015374	-0.042482	-0.006145	0.001628	-0.008799	0.000720	-0.066408	-0.018416	-0.044307	0.028548	-0.000624
176	0.005459	0.004007	-0.011413	-0.079752	-0.002186	0.005422	0.004138	-0.015839	0.001151	-0.002328	0.029904	-0.000115
177	0.003068	0.013805	-0.010143	0.032081	-0.043972	0.000008	-0.010628	0.008520	0.007209	-0.003170	0.017540	-0.000195
178	-0.003158	0.010741	-0.002222	0.017868	0.026711	-0.047041	0.014463	0.016690	0.004702	0.000269	0.000743	-0.000179
179	-0.008549	-0.001230	0.005714	-0.001109	0.001685	0.019019	-0.025398	-0.011456	-0.020754	0.006407	-0.009875	0.000206
180	-0.024267	0.011489	0.003549	-0.005809	-0.009649	0.005628	-0.012325	0.037884	-0.034483	0.001155	-0.016038	0.000030
181	0.068441	-0.006657	-0.062995	-0.003732	0.016002	0.009760	-0.008201	0.021757	0.065417	-0.017922	-0.011092	-0.000319
182	-0.064314	-0.045310	0.077976	-0.016667	0.022281	0.010986	0.001226	0.008604	0.010807	0.060309	0.001488	0.001741
183	-0.006981	-0.023399	-0.010920	-0.033786	-0.002168	0.001846	0.000866	-0.027600	-0.009409	-0.037030	0.067850	-0.008363
184	0.001655	-0.002379	0.000863	0.002194	0.004530	0.001024	-0.001079	-0.000485	0.001317	-0.000441	-0.002318	-0.000215
185	0.001635	-0.005136	0.001992	0.003438	0.007852	0.000509	0.002498	-0.002629	-0.005753	-0.000298	-0.003632	-0.000496
186	-0.000494	0.000609	-0.000175	-0.000619	-0.001698	-0.000134	0.000257	0.000129	-0.000589	0.000036	0.000834	0.000181
187	-0.001001	0.003228	-0.001096	-0.005049	-0.009314	-0.000873	-0.001627	0.001286	0.004471	-0.000206	0.004238	0.000437
188	-0.001886	0.003903	-0.001653	-0.000339	-0.001930	-0.000576	-0.000239	0.001745	0.000803	0.000920	0.001053	0.000118
189	-0.000032	0.000058	-0.000014	0.000233	0.000056	-0.000035	0.000058	0.000075	0.000035	0.000094	-0.000005	-0.000061
190	0.001008	-0.000205	0.000546	-0.038769	-0.012705	0.005524	-0.004208	0.000533	0.000579	-0.003320	0.004221	0.000238
191	0.000424	-0.000101	0.000535	0.009452	-0.004271	0.004219	-0.002352	0.002345	-0.001887	-0.002426	0.001065	0.000382
192	-0.000294	0.000433	-0.000532	-0.011014	-0.000251	-0.000569	0.000021	-0.001844	0.001928	-0.000408	0.000635	0.000072
193	0.000299	-0.000127	0.000685	0.002659	-0.016467	-0.000110	0.000216	0.001686	-0.001222	0.000984	-0.000114	-0.000011
194	-0.000012	0.000391	-0.000781	-0.005674	0.013128	0.002678	-0.002921	-0.001727	0.001195	-0.003633	0.002639	0.000357
195	0.001156	-0.000037	0.001153	-0.020331	-0.042331	0.003924	-0.003195	0.000816	0.001017	-0.002824	0.006616	0.000204
196	0.000183	-0.000148	0.000018	0.004069	0.001724	0.001611	-0.001047	0.000052	0.000044	-0.000507	0.000690	0.000008
197	-0.000020	0.000226	-0.000036	0.000011	-0.000376	0.000806	-0.000693	-0.000008	0.000052	-0.000582	0.000852	0.000072
198	-0.000088	0.000300	-0.000064	-0.000661	-0.000388	0.000192	-0.000067	0.000041	0.000074	0.000025	0.000176	0.000064
199	-0.000019	0.000237	-0.000016	-0.000415	-0.000407	0.000737	-0.000633	-0.000001	0.000032	-0.000617	0.000948	0.000118
200	0.000314	-0.000419	0.000226	0.004453	0.003827	0.000365	-0.000567	-0.000083	-0.000245	-0.001039	0.001007	-0.000009
201	0.000812	-0.000210	0.000789	-0.004417	0.004780	-0.015189	-0.038249	0.004715	-0.003387	0.000787	0.000158	0.000008
202	0.000338	-0.000025	0.000537	-0.002460	0.002964	-0.006695	0.009633	0.002365	-0.002599	-0.001383	0.001375	0.000071
203	-0.000790	0.000380	-0.000231	0.000269	0.000145	0.001646	-0.010342	-0.000446	-0.000517	0.001270	-0.001313	0.000061
204	0.000761	-0.000397	0.000240	0.000326	0.000639	-0.012396	0.000314	-0.000816	0.000409	-0.001486	0.001946	-0.000032
205	-0.000461	0.000553	-0.000212	-0.003144	0.001478	0.010220	-0.002663	0.003388	-0.003079	0.001677	-0.001800	0.000017
206	0.000946	0.000083	0.001231	-0.002615	0.004640	-0.039552	-0.021441	0.006023	-0.002905	0.000888	0.001053	0.000043
207	0.000074	-0.000215	0.000093	-0.001037	0.000925	0.003205	0.004402	0.000617	-0.000558	-0.000040	-0.000223	-0.000026
208	-0.000067	0.000163	-0.000033	-0.000604	0.000960	-0.000194	-0.000349	0.000666	-0.000710	-0.000043	0.000031	0.000034
209	-0.000084	0.000264	-0.000117	-0.000003	0.000240	-0.000452	-0.000498	0.000271	-0.000068	0.000042	0.000023	0.000029
210	-0.000043	0.000245	-0.000001	-0.000541	0.000885	-0.000067	-0.000493	0.000814	-0.000672	0.000018	0.000118	0.000051
211	0.000243	-0.000331	0.000251	-0.000414	0.000249	0.003732	0.004537	0.000875	-0.001028	-0.000247	-0.000071	-0.000005
212	0.017299	0.001898	-0.006732	0.000533	0.001158	-0.002817	0.004250	-0.040289	-0.021230	0.005784	-0.003359	0.000033
213	-0.008902	0.004254	-0.000293	0.001339	-0.001945	-0.003264	0.001513	0.009830	-0.002934	0.003234	-0.002941	0.000147
214	0.004609	-0.001481	-0.002474	-0.001470	0.001826	0.000191	0.000669	-0.012015	0.000734	-0.000509	0.000446	0.000049
215	-0.005453	-0.000245	0.001563	0.001322	-0.001209	0.000221	0.000063	0.000741	-0.010694	-0.000446	-0.000368	-0.000017
216	0.004539	0.002681	-0.005980	-0.001548	0.001650	-0.002708	0.003275	-0.005826	0.010132	0.002289	-0.002966	0.000017
217	-0.002140	0.004559	0.004565	0.000639	0.000403	-0.003823	0.004645	-0.014698	-0.037879	0.004550	-0.003251	0.000057
218	0.001022	0.001737	-0.000797	-0.000308	-0.000033	-0.000511	0.000314	0.003809	0.003847	0.000996	-0.000888	0.000015
219	-0.000774	0.001054	-0.000167	-0.000064	0.000102	-0.000635	0.000894	-0.000127	-0.000489	0.000786	-0.000762	0.000030
220	-0.000788	0.000226	0.000332	0.000063	0.000055	-0.000065	0.000255	-0.000492	-0.000458	0.000274	-0.000061	0.000037
221	-0.000641	0.000863	0.000050	-0.000054	0.000062	-0.000558	0.000986	-0.000131	-0.000126	0.000729	-0.000697	0.000010
222	-0.000589	0.000826	0.000155	-0.000016	-0.000159	-0.001129	0.001009	0.002974	0.004533	0.000709	-0.000548	-0.000009

223	-0.007044	0.001789	0.017893	0.004312	-0.002932	0.001048	0.000955	-0.003250	0.006255	-0.019824	-0.040248	0.006252
224	0.000271	0.003863	-0.010354	0.002616	-0.002536	-0.001684	0.001308	-0.003048	0.002135	-0.006233	0.013395	-0.004375
225	-0.002912	-0.001181	0.005441	0.000366	-0.000191	0.001725	-0.001324	0.000478	0.000113	0.001913	-0.015319	0.003276
226	0.002455	0.000118	-0.006291	-0.000547	0.000492	-0.001532	0.001705	-0.000129	-0.000109	-0.011788	0.001124	-0.003798
227	-0.006591	0.002496	0.005870	0.003449	-0.003019	0.001556	-0.001746	-0.002827	0.002012	0.011530	-0.005834	0.002158
228	0.004822	0.004721	-0.002510	0.004545	-0.003824	0.000122	0.000899	-0.003228	0.004791	-0.038677	-0.016615	-0.001176
229	-0.001368	0.002097	0.000959	0.000310	-0.000544	-0.000109	-0.000072	-0.001101	0.001061	0.004307	0.003515	0.000236
230	-0.000162	0.001176	-0.000763	0.000746	-0.000656	0.000025	0.000120	-0.000624	0.000953	-0.000284	-0.000275	-0.000052
231	0.000296	0.000219	-0.000790	0.000244	-0.000088	0.000019	0.000045	-0.000021	0.000224	-0.000485	-0.000397	-0.000146
232	-0.000005	0.000888	-0.000582	0.000825	-0.000710	-0.000025	-0.000009	-0.000645	0.000807	-0.000121	-0.000360	-0.000129
233	0.000066	0.000667	-0.000629	0.001185	-0.000973	-0.000156	0.000101	-0.000437	0.000589	0.004294	0.002224	0.002921
234	0.000826	0.000398	0.000189	0.009643	-0.021995	0.005467	-0.007037	-0.001529	0.000669	-0.006941	0.009986	0.000304
235	0.000764	-0.000443	0.000643	-0.016450	0.030401	0.007548	-0.008468	0.001006	-0.001905	-0.007238	0.003701	0.000739
236	-0.000238	-0.000278	-0.000104	-0.004499	-0.000670	-0.002278	0.004297	0.000592	0.000302	0.004063	-0.004594	-0.000298
237	-0.000380	0.000097	-0.000086	-0.007498	-0.009124	-0.002660	0.004660	0.000840	0.000289	0.003608	-0.003783	-0.000201
238	0.000010	0.000016	0.000046	0.005945	0.000624	-0.000063	-0.000405	0.000028	-0.000185	-0.000009	0.000591	-0.000039
239	-0.000075	-0.000055	-0.000019	0.004359	0.000971	-0.001043	0.000402	-0.000076	-0.000126	0.000734	-0.000396	-0.000119
240	-0.000099	0.000118	-0.000080	0.004795	0.006245	0.000345	-0.001184	-0.000291	-0.000363	-0.001213	0.000400	0.000174
241	-0.000078	0.000129	-0.000093	0.004564	0.006450	0.000478	-0.001248	-0.000172	-0.000379	-0.001173	0.000289	0.000166
242	-0.000114	-0.000050	-0.000149	0.001660	0.003029	-0.000316	0.000649	-0.000185	0.000106	0.000289	-0.000828	-0.000078
243	-0.000061	0.000034	-0.000143	0.001511	0.004244	0.000644	-0.000265	-0.000268	0.000137	-0.000584	0.000283	0.000027
244	-0.000433	0.000338	-0.000303	-0.004216	-0.011687	-0.003560	0.004009	-0.000037	0.000944	0.004216	-0.002974	-0.000254
245	-0.000126	-0.000297	0.000099	0.000397	-0.008697	-0.004566	0.004600	0.000090	0.000518	0.004260	-0.002673	-0.000422
246	0.000890	0.000423	0.000410	-0.006783	0.006594	-0.016732	0.006718	0.009011	-0.006337	0.001257	-0.000186	-0.000061
247	-0.000346	-0.000206	0.000970	-0.007984	0.006142	0.018877	-0.014109	0.004809	-0.007816	-0.001531	-0.000877	0.000276
248	-0.000144	-0.000190	-0.000104	0.003932	-0.003299	-0.002286	-0.002843	-0.003704	0.004180	0.000300	0.000078	-0.000023
249	-0.000191	0.000173	-0.000210	0.004431	-0.003012	-0.007300	-0.006177	-0.003362	0.003749	-0.000019	0.000735	-0.000009
250	0.000136	-0.000116	-0.000029	-0.000467	0.000619	0.001829	0.004111	0.000183	-0.000277	-0.000304	0.000206	-0.000040
251	0.000082	-0.000199	-0.000111	0.000446	-0.000394	0.002005	0.002789	-0.000832	0.000531	-0.000266	0.000259	-0.000039
252	-0.000182	0.000095	-0.000109	-0.001022	0.000209	0.005615	0.005293	0.000213	-0.001215	-0.000269	-0.000319	0.000037
253	-0.000159	0.000080	-0.000132	-0.001104	0.000298	0.005752	0.005127	0.000166	-0.001172	-0.000303	-0.000278	0.000041
254	-0.000260	0.000065	-0.000035	0.000601	-0.000427	0.003003	0.002024	-0.000644	0.000384	0.000033	-0.000182	0.000027
255	-0.000266	0.000163	0.000011	-0.000269	0.000663	0.004360	0.001982	0.000423	-0.000509	0.000086	-0.000281	0.000031
256	0.000002	0.000123	-0.000504	0.003858	-0.003179	-0.009132	-0.004880	-0.003328	0.004088	0.000685	0.000349	-0.000089
257	0.000443	-0.000405	-0.000163	0.004371	-0.004221	-0.006196	0.000166	-0.002933	0.004409	0.000337	0.000496	-0.000148
258	-0.002246	0.007074	0.000379	-0.001310	0.000671	-0.007342	0.007626	0.021463	-0.014156	0.004642	-0.008201	-0.000018
259	0.014475	0.007926	-0.012453	0.000217	-0.001345	-0.007265	0.005148	-0.018962	0.007641	0.008489	-0.006578	0.000258
260	-0.000531	-0.004189	0.004090	0.000461	0.000055	0.004166	-0.004592	-0.006738	0.000015	-0.002580	0.004513	-0.000053
261	-0.003333	0.004584	0.004239	0.000891	0.000201	0.003993	-0.003139	-0.004849	-0.004847	-0.002998	0.004589	0.000015
262	-0.001238	0.000662	-0.000919	0.000043	-0.000240	-0.000323	0.000643	0.003853	0.001788	0.000252	-0.000613	-0.000013
263	-0.000477	-0.000704	-0.000534	0.000076	-0.000102	0.000613	-0.000300	0.002686	0.001871	-0.000828	0.000245	-0.000055
264	0.000098	0.001066	-0.001720	-0.000317	-0.000232	-0.001187	0.000384	0.005905	0.004950	0.000189	-0.001166	0.000051
265	0.000200	0.001200	-0.001790	-0.000345	-0.000321	-0.001146	0.000256	0.005629	0.005113	0.000247	-0.001207	0.000046
266	-0.001112	-0.000941	0.000993	-0.000213	0.000121	0.000438	-0.000458	0.002219	0.003222	-0.000628	0.000696	0.000003
267	-0.001248	0.000236	0.000361	-0.000287	0.000127	-0.000373	0.000682	0.002150	0.004747	0.000332	-0.000227	0.000007
268	-0.001820	-0.003684	0.003192	0.000219	0.000724	0.004163	-0.003241	-0.008182	-0.006602	-0.003210	0.003771	-0.000091
269	-0.002679	-0.004076	0.004097	0.000567	0.000343	0.004271	-0.003007	-0.001647	-0.003608	-0.003913	0.004182	-0.000149
270	0.002042	0.007061	-0.003326	0.006587	-0.008423	-0.000322	-0.001933	-0.007928	0.004355	-0.015960	0.024685	-0.005558
271	-0.014973	0.007534	0.017115	0.006946	-0.006299	-0.000692	0.000657	-0.007165	0.008525	0.009681	-0.017729	0.002817
272	0.004051	-0.003927	-0.001131	-0.004791	0.004194	0.000290	0.000733	0.004470	-0.002035	0.001027	-0.008473	0.001548

273	0.004529	-0.004354	-0.004050	-0.003597	0.003857	0.000136	0.001054	0.004581	-0.002700	-0.005199	-0.011543	0.001845
274	-0.000721	0.000482	-0.001241	0.000738	-0.000069	-0.000113	0.000063	-0.000402	-0.000112	0.001026	0.005326	-0.000012
275	-0.000373	-0.000901	-0.000510	-0.000071	0.000771	0.000005	-0.000041	0.000335	-0.001253	0.001100	0.004060	0.000109
276	-0.001818	0.000964	0.000067	0.000871	-0.001177	-0.000256	-0.000572	-0.001391	-0.000018	0.004570	0.006770	-0.001661
277	-0.001877	0.001169	0.000218	0.000626	-0.001110	-0.000300	-0.000478	-0.001412	0.000142	0.004956	0.006411	-0.001850
278	0.000865	-0.000549	-0.000789	-0.001306	0.000198	-0.000082	0.000039	0.000780	0.000026	0.004367	0.000408	0.000067
279	0.000267	0.000608	-0.000830	-0.000217	-0.000684	-0.000092	-0.000046	-0.000056	0.000974	0.005730	0.000236	0.000236
280	0.003483	-0.003813	-0.002137	-0.002981	0.004581	0.001024	0.000273	0.003963	-0.003570	-0.007119	-0.008841	0.000478
281	0.004457	-0.004282	-0.003274	-0.002812	0.004168	0.000408	0.000249	0.004238	-0.004335	-0.004043	-0.001432	0.001996
282	0.001080	-0.000751	-0.000678	-0.045319	0.054383	0.000534	-0.001130	0.000377	-0.001600	-0.001317	-0.002718	0.000175
283	0.000057	0.000137	-0.000479	0.007994	-0.006734	0.001052	0.000146	-0.000242	0.000331	-0.000408	-0.000518	-0.000048
284	0.000140	-0.000035	0.000248	0.001004	-0.004522	0.000804	-0.000426	0.000200	0.000059	-0.000725	0.001299	0.000056
285	-0.000001	0.000033	-0.000001	0.006000	-0.006875	0.000256	0.000395	0.000079	0.000129	-0.000151	0.000168	0.000084
286	-0.000205	0.000052	0.000023	0.004232	-0.001707	-0.000907	0.000818	-0.000021	-0.000048	0.000568	-0.000602	0.000029
287	-0.000013	0.000257	0.000405	-0.006101	0.005548	0.000066	0.000038	0.000586	-0.000128	0.000663	0.001167	-0.000035
288	-0.000363	-0.000705	0.000705	-0.001254	0.000076	0.048092	-0.041824	-0.000970	-0.000970	-0.001440	0.000735	-0.000304
289	-0.000444	0.000101	-0.000076	0.000179	0.001048	-0.007042	0.008288	-0.000481	-0.000491	0.000327	-0.000285	-0.000057
290	0.000236	-0.000012	0.000138	-0.000361	0.000478	-0.004249	0.001193	0.001182	-0.000638	0.000091	0.000132	0.000031
291	0.000017	-0.000028	-0.000021	0.000309	0.000138	-0.006214	0.005717	0.000030	-0.000253	-0.000006	0.000062	0.000002
292	0.000042	0.000007	-0.000136	0.000801	-0.000705	-0.001361	0.003222	-0.000711	0.000457	-0.000133	0.000081	0.000030
293	0.000383	0.000131	0.000022	-0.000072	-0.000154	0.007527	-0.007212	0.000782	0.000240	-0.000242	0.000374	0.000071
294	-0.026164	0.001452	0.019491	-0.001316	0.000363	-0.000781	-0.000608	0.044777	-0.039763	-0.000517	-0.000109	-0.000212
295	0.002358	-0.000454	-0.002104	0.000274	-0.000465	0.000220	-0.000066	-0.008244	0.007598	-0.000720	0.000043	-0.000049
296	0.001673	0.000190	-0.000672	-0.000119	0.000084	0.000812	-0.000616	-0.001106	0.003097	-0.000786	0.000342	0.000017
297	0.002807	0.000588	-0.002800	0.000024	0.000052	0.000303	0.000173	-0.005818	0.005573	0.000058	-0.000274	0.000010
298	0.000455	0.001278	-0.001003	0.000083	0.000200	-0.000427	0.000545	-0.003999	0.001048	0.001269	-0.000651	0.000026
299	-0.000243	0.000701	0.002012	-0.000277	0.000361	-0.000135	-0.000802	0.006909	-0.007750	0.000426	0.000287	0.000036
300	0.022917	0.001259	-0.031002	0.000859	-0.000718	0.000552	-0.000962	-0.000766	-0.000936	-0.047966	0.050983	-0.010673
301	-0.002141	-0.000554	0.002304	-0.000233	0.000009	-0.000580	0.000235	-0.000250	-0.000755	0.006547	-0.005985	0.002252
302	-0.000813	0.000219	0.002113	-0.000920	0.000803	0.000019	-0.000137	0.000534	-0.000782	0.003986	-0.001441	-0.000685
303	-0.003074	0.000636	0.003132	-0.000028	0.000272	-0.000059	0.000083	-0.000176	0.000132	0.006594	-0.006982	0.001189
304	-0.001331	0.001204	0.000592	0.000622	-0.000539	0.000097	0.000064	-0.000690	0.001176	0.001454	-0.004706	0.000512
305	0.001672	0.000577	0.000164	-0.000906	-0.000334	0.000320	-0.000481	0.000381	0.000209	-0.007700	0.006840	-0.001299
306	0.001228	0.004692	0.001276	-0.058187	-0.099866	0.013387	0.013498	0.007378	0.007291	0.013628	0.010440	0.000016
307	0.000148	0.000163	-0.000790	0.010479	-0.007011	-0.000369	0.001684	-0.000939	0.001009	-0.000653	-0.000565	0.000248
308	0.000468	-0.000342	0.000256	-0.013736	0.011511	0.001458	-0.001426	0.000798	-0.000823	-0.000843	0.000415	-0.000037
309	-0.000151	-0.000030	-0.000125	-0.003809	0.005769	-0.000533	-0.000057	-0.000350	-0.000040	0.000173	-0.000693	0.000000
310	-0.000046	-0.000021	0.000055	0.004745	-0.004632	-0.000553	0.000510	0.000123	-0.000085	0.000315	-0.000288	0.000026
311	0.000107	0.000166	0.000062	0.008818	-0.014857	0.001073	-0.000302	-0.000406	0.001023	-0.001026	0.002295	0.000046
312	-0.000514	0.000056	0.000542	-0.006906	0.009579	-0.001054	-0.000428	0.000784	-0.001096	0.002013	-0.001170	-0.000281
313	0.001273	0.003972	0.000814	0.012466	0.010684	-0.083185	-0.054805	0.008850	0.011568	0.006405	0.006000	-0.000016
314	-0.000717	-0.000056	-0.000066	0.001529	-0.000106	-0.007236	0.009847	-0.000628	-0.000994	0.000522	-0.000670	-0.000140
315	0.000329	-0.000209	0.000394	-0.001397	0.000964	0.009947	-0.012031	0.000919	-0.000505	-0.000578	0.000691	-0.000034
316	-0.000133	0.000015	-0.000106	0.000019	-0.000457	0.004766	-0.003525	-0.000557	0.000274	0.000091	-0.000260	0.000012
317	0.000050	-0.000071	-0.000027	0.000438	-0.000385	-0.003857	0.004199	-0.000377	0.000218	-0.000229	0.000157	-0.000014
318	-0.000014	0.000177	0.000066	-0.000238	0.000889	-0.013838	0.008820	0.001882	-0.000958	0.000944	-0.000505	0.000032
319	0.000483	0.000142	-0.000254	-0.000360	-0.000898	0.010355	-0.007532	-0.001234	0.001954	-0.000756	0.000589	0.000145
320	0.034444	-0.004839	-0.037643	-0.006084	-0.005550	-0.011566	-0.010804	0.081681	0.059633	-0.009049	-0.011407	0.000075
321	-0.002309	0.004229	-0.001219	0.000764	-0.000649	0.000633	0.000617	-0.010344	0.007673	0.001157	-0.001537	-0.000060
322	-0.002844	-0.002134	0.003690	-0.000890	0.000385	0.000287	-0.000944	0.013126	-0.008476	-0.001800	0.000987	-0.000038

323	-0.003612	0.000298	0.002248	0.000210	-0.000159	-0.000454	0.000296	0.003589	-0.004039	0.000464	-0.000132	-0.000004
324	0.002612	0.000301	-0.002340	-0.000100	0.000294	-0.000090	0.000542	-0.004383	0.003245	0.000551	-0.000373	0.000016
325	0.004367	0.000182	-0.003290	0.000546	-0.000669	0.001453	-0.000896	-0.008983	0.011452	-0.001259	0.000387	0.000017
326	0.001962	-0.002889	0.000783	-0.000525	0.000789	-0.001821	0.000379	0.006769	-0.009528	0.000877	0.000672	0.000070
327	-0.043774	-0.006646	0.041135	-0.013083	-0.013530	-0.007176	-0.006995	-0.012604	-0.010647	0.068270	0.090395	-0.015509
328	-0.001284	0.004397	-0.002834	0.000293	0.000459	-0.001152	0.001194	-0.001808	0.001537	0.008293	-0.011569	-0.000849
329	0.004627	-0.002121	-0.003639	-0.000784	0.000331	0.000584	-0.000938	0.001058	-0.001841	-0.010138	0.014948	-0.001913
330	0.002514	0.000151	-0.004089	0.000713	-0.000338	-0.000027	0.000159	-0.000245	0.000167	-0.005279	0.004591	-0.000940
331	-0.002652	0.000402	0.002994	0.000357	-0.000107	0.000182	0.000006	-0.000287	0.000762	0.004478	-0.005817	0.001282
332	-0.003783	0.000438	0.005314	-0.001605	0.001523	-0.000794	0.000623	0.000638	-0.000858	0.013923	-0.010969	-0.000044
333	0.000480	-0.003277	0.002399	0.001007	-0.001850	0.001201	-0.001040	0.000659	0.000221	-0.010993	0.008629	0.002498

	37	38	39	40	41	42	43	44	45	46	47	48
1	-0.000020	-0.000093	0.000366	-0.000353	-0.000768	-0.000799	-0.000325	-0.000368	-0.000759	-0.002785	-0.000880	0.025025
2	0.002561	0.002538	0.002667	0.002570	0.003104	0.002857	0.002456	0.002664	0.002611	0.009822	0.002587	0.018874
3	-0.027958	0.023478	-0.009962	-0.004512	-0.004881	-0.009802	0.021510	0.025678	0.016650	0.016573	0.037515	0.004772
4	0.020165	-0.031644	-0.029480	0.020280	-0.010141	-0.004209	-0.004812	0.042053	0.036782	0.016265	0.017160	-0.006265
5	-0.004604	-0.010014	0.021515	-0.027698	-0.028258	0.019486	-0.010133	0.017294	0.028642	0.036454	0.017634	-0.001109
6	-0.009894	-0.005344	-0.004952	-0.010401	0.021111	-0.026635	-0.029040	0.017050	0.016353	0.028008	0.028985	0.000676
7	0.000401	0.000285	0.000448	0.000221	0.000135	0.000236	0.000442	0.001058	0.000879	0.000435	-0.000267	0.081869
8	0.009685	-0.001270	-0.001746	-0.000465	-0.000736	-0.002063	0.027215	-0.012127	0.000198	0.008437	0.022497	0.001411
9	-0.058006	0.029550	-0.001716	-0.000496	-0.000412	-0.001571	-0.001269	0.007112	0.007335	-0.000541	-0.012872	0.007453
10	0.025458	-0.064299	0.010675	-0.001496	-0.001723	-0.000366	-0.000807	0.029114	-0.013066	-0.000230	0.007519	0.002978
11	-0.001321	0.010323	-0.062301	0.025731	-0.001785	-0.000545	-0.000503	-0.013593	0.022140	0.008074	0.000235	0.002171
12	-0.000813	-0.001567	0.027267	-0.059493	0.011393	-0.001217	-0.001650	0.007250	0.011557	-0.013864	-0.000234	0.007416
13	-0.000331	-0.002098	-0.001538	0.011041	-0.062010	0.024855	-0.001950	0.000474	-0.012225	0.022796	0.008373	0.009534
14	-0.001853	-0.000187	-0.000730	-0.002049	0.027032	-0.057732	0.011209	-0.000504	0.008026	0.010003	-0.011280	0.005995
15	-0.001720	-0.001128	-0.000524	-0.001741	-0.001449	0.010430	-0.061721	0.008064	-0.000268	-0.012220	0.010723	0.003684
16	0.063792	0.001074	0.000510	0.000816	0.000784	0.001584	0.001708	-0.020638	0.000985	-0.000597	0.012877	-0.002169
17	0.062213	0.004018	0.001986	0.001424	0.001413	0.001835	0.003515	0.003135	-0.005068	-0.004645	0.003105	0.005317
18	-0.043337	0.001983	0.001699	0.000836	0.000748	0.000266	0.000842	0.002428	-0.000255	0.000979	-0.026748	0.000260
19	0.001883	-0.049483	0.066593	0.000841	0.000316	0.000706	0.000755	0.017245	-0.024941	0.000806	-0.000231	0.000442
20	0.003339	0.062794	0.062690	0.003257	0.001956	0.001340	0.001394	0.002294	0.002927	-0.004577	-0.005140	0.000367
21	0.000848	0.066199	-0.046367	0.001792	0.001587	0.000752	0.000729	-0.029373	0.008839	-0.000366	0.000877	0.001191
22	0.000824	0.001528	0.001691	-0.044635	0.064243	0.000742	0.000393	-0.000522	0.003212	-0.024341	0.000682	0.000226
23	0.001384	0.001842	0.003478	0.062501	0.062676	0.003277	0.002049	-0.005217	0.003635	0.003057	-0.005203	0.000768
24	0.000841	0.000466	0.001028	0.064051	-0.043677	0.001690	0.001645	0.000875	-0.019339	0.006976	-0.000558	-0.002977
25	0.000352	0.000788	0.000934	0.001645	0.001700	-0.043634	0.065183	0.001078	-0.000315	0.002989	-0.022460	0.001271
26	0.001830	0.001556	0.001413	0.001957	0.003394	0.062434	0.063438	-0.005024	-0.004677	0.003520	0.002686	-0.000033
27	0.001617	0.000904	0.000836	0.000316	0.000932	0.062606	-0.046544	-0.000330	0.000966	-0.020122	0.003709	0.001259
28	-0.049442	0.014370	0.006643	0.004636	0.002458	0.003558	0.004385	0.254187	-0.019325	-0.007222	0.002221	0.005201
29	0.012792	-0.056186	0.015315	0.004020	0.003808	0.002357	0.004588	0.267083	0.002009	-0.006836	-0.019338	0.003903
30	0.004200	0.014559	-0.053374	0.012305	0.006337	0.004418	0.002634	0.001202	0.256373	-0.018733	-0.007647	0.003967
31	0.004490	0.006117	0.013042	-0.049578	0.015305	0.003817	0.003737	-0.019676	0.251817	0.002566	-0.007702	0.002031
32	0.002474	0.003567	0.004274	0.015153	-0.053011	0.012074	0.006566	-0.007345	0.003147	0.256325	-0.019248	-0.002909
33	0.003642	0.002869	0.004749	0.006529	0.012700	-0.047857	0.014857	-0.007520	-0.018841	0.252683	0.001202	0.003773
34	0.006126	0.004987	0.002656	0.003776	0.004165	0.014751	-0.053180	-0.019259	-0.006963	0.002284	0.257131	0.001135
35	0.014717	0.005208	0.003994	0.002551	0.004601	0.006086	0.013126	0.002291	-0.007490	-0.019056	0.265066	0.001548
36	0.004875	0.000093	0.000100	0.000073	0.000054	0.000085	0.000186	-0.000355	0.000033	0.000052	-0.004282	-0.000049

37	5.529910	0.000209	0.000092	0.000098	0.000035	0.000096	0.000070	-0.005283	-0.000026	0.000006	-0.000388	0.000058
38	0.000209	5.535510	0.004876	0.000123	0.000088	0.000040	0.000039	-0.004975	-0.000439	0.000024	0.000069	-0.000113
39	0.000092	0.004876	5.537010	0.000213	0.000089	0.000073	0.000027	-0.000399	-0.006444	0.000001	0.000002	-0.000056
40	0.000098	0.000123	0.000213	5.533070	0.004725	0.000075	0.000104	0.000042	-0.003784	-0.000446	-0.000028	-0.000362
41	0.000035	0.000088	0.000089	0.004725	5.539490	0.000162	0.000106	0.000001	-0.000288	-0.006412	0.000014	-0.000637
42	0.000096	0.000040	0.000073	0.000075	0.000162	5.534090	0.004862	0.000022	0.000145	-0.003751	-0.000424	-0.000271
43	0.000070	0.000039	0.000027	0.000104	0.000106	0.004862	5.539430	0.000058	0.000043	-0.000371	-0.006191	-0.000036
44	-0.005283	-0.004975	-0.000399	0.000042	0.000001	0.000022	0.000058	4.519530	-0.000511	0.000273	-0.000563	0.000304
45	-0.000026	-0.000439	-0.006444	-0.003784	-0.000288	0.000145	0.000043	-0.000511	4.516160	-0.000547	0.000334	0.000369
46	0.000006	0.000024	0.000001	-0.000446	-0.006412	-0.003751	-0.000371	0.000273	-0.000547	4.527360	-0.000510	-0.001771
47	-0.000388	0.000069	0.000002	-0.000028	0.000014	-0.000424	-0.006191	-0.000563	0.000334	-0.000510	4.524610	-0.000527
48	0.000058	-0.000113	-0.000056	-0.000362	-0.000637	-0.000271	-0.000036	0.000304	0.000369	-0.001771	-0.000527	4.812700
49	0.000012	0.000140	0.000303	0.000372	0.000277	0.000376	0.000323	0.000058	0.001013	0.000381	0.001137	0.103127
50	-0.000307	-0.000118	0.000071	-0.000103	-0.000224	-0.000090	0.000000	-0.001698	-0.000466	-0.000690	0.000855	0.437758
51	0.000815	0.000657	0.000582	0.000321	0.000248	0.000398	0.000517	0.000726	0.000776	0.000306	0.001115	1.132180
52	-0.000927	-0.000439	-0.000436	-0.000240	-0.000207	-0.000437	-0.000278	-0.000767	-0.000077	-0.000776	-0.000152	0.573860
53	0.000013	0.000022	0.000077	0.000037	-0.000124	0.000049	0.000053	-0.000023	0.000314	-0.001085	0.000094	0.092528
54	0.000055	0.000051	0.000074	0.000069	0.000054	0.000064	0.000063	0.000015	0.000198	0.000104	0.000042	0.002262
55	-0.000259	-0.000154	-0.000141	-0.000117	-0.000062	-0.000063	-0.000046	0.000312	0.000248	0.000241	0.000557	-0.019415
56	-0.000037	0.000046	0.000059	0.000066	0.000022	0.000038	0.000036	-0.000934	0.000038	0.000021	0.000295	-0.071890
57	0.000040	0.000063	0.000040	0.000012	-0.000003	-0.000001	-0.000019	0.000088	-0.000116	-0.000059	0.000063	-0.000480
58	0.000073	0.000032	0.000036	0.000031	0.000031	0.000043	0.000086	-0.000103	-0.000076	-0.000044	0.000069	-0.017335
59	0.000070	0.000119	0.000098	0.000057	0.000039	0.000033	0.000035	0.000073	-0.000002	-0.000038	-0.000125	-0.018392
60	-0.000306	-0.000193	-0.000559	0.000380	0.000253	0.000331	0.000418	-0.000123	0.000261	-0.002029	0.000200	0.001603
61	-0.001264	0.000517	0.001124	0.001263	0.001089	0.000226	-0.000867	0.006548	-0.003332	0.006151	-0.001074	-0.049431
62	0.001218	-0.001094	-0.000485	-0.000197	-0.001334	0.000341	0.001774	-0.008414	0.001502	-0.002812	-0.000836	0.012277
63	0.000164	-0.001029	-0.000093	0.000691	-0.000482	-0.001070	-0.000323	-0.008807	0.001050	-0.004373	0.001504	0.004239
64	0.000635	0.000831	0.000817	-0.000284	-0.001018	0.000112	0.000716	0.006085	-0.002427	0.000257	-0.003405	-0.032192
65	0.001139	0.001553	0.000325	-0.001408	-0.001046	0.000468	0.000114	0.009351	-0.001688	0.002108	-0.001617	0.052788
66	-0.000359	0.000095	-0.000407	0.000391	0.000907	-0.001041	-0.001086	-0.002373	0.003966	-0.004401	0.000655	0.037464
67	0.000240	-0.000450	-0.000790	-0.000205	0.000102	-0.000145	0.000517	-0.008964	0.002187	-0.002202	0.002990	-0.007564
68	-0.001040	0.000488	-0.000225	-0.000421	0.000932	0.000299	-0.001088	0.003098	-0.001434	0.008636	0.001813	-0.017431
69	-0.010841	-0.011659	-0.001809	0.003368	0.009207	0.008591	0.003546	0.058972	-0.016420	-0.023245	-0.016227	0.005201
70	0.003491	-0.001787	-0.011216	-0.011187	-0.001509	0.003227	0.009163	-0.016841	0.057677	-0.015899	-0.024751	0.002488
71	0.008917	0.009539	0.003609	-0.001448	-0.011152	-0.010528	-0.001303	-0.025138	-0.017191	0.056723	-0.018466	-0.000063
72	-0.001567	0.004059	0.009311	0.009112	0.003534	-0.001327	-0.011541	-0.016894	-0.023775	-0.017204	0.059777	-0.001705
73	0.050858	-0.004799	-0.003361	-0.002841	-0.004749	-0.009633	0.014173	-0.016837	0.009644	0.013836	0.026431	-0.001137
74	0.032150	0.003147	0.001664	0.001182	0.001289	0.002400	0.003116	0.000318	-0.003031	-0.003262	0.003830	0.001486
75	-0.131273	0.003408	0.002503	0.001206	0.001244	0.001512	0.002834	-0.000176	-0.003395	-0.002793	0.001115	0.000955
76	-0.014226	0.015138	-0.010066	-0.004342	-0.002796	-0.003220	-0.004269	0.014475	0.014111	0.009269	-0.024374	-0.000165
77	0.013195	-0.019014	0.052923	-0.004150	-0.003328	-0.002563	-0.004659	0.031215	-0.022611	0.009181	0.014564	-0.000920
78	0.003014	-0.132557	0.032215	0.002531	0.001635	0.001126	0.001270	0.005584	0.001227	-0.002698	-0.003543	0.000905
79	0.002644	0.032196	-0.132753	0.002878	0.002513	0.001190	0.001240	0.001240	0.003550	-0.003065	-0.003117	0.000826
80	-0.004238	0.053288	-0.017705	0.013501	-0.009977	-0.004244	-0.002933	-0.027060	0.025646	0.013256	0.009866	0.001595
81	-0.004512	-0.009524	0.014241	-0.016023	0.052078	-0.004053	-0.003401	0.014823	0.018038	-0.022166	0.010292	0.002794
82	0.001223	0.002362	0.002989	-0.130937	0.031875	0.002589	0.001705	-0.003673	-0.000632	0.001121	-0.003364	0.003422
83	0.001186	0.001561	0.002763	0.032024	-0.131718	0.002905	0.002561	-0.003242	0.000782	0.002845	-0.003769	0.002741
84	-0.002698	-0.003342	-0.004201	0.051019	-0.017574	0.013155	-0.010060	0.009776	-0.016961	0.025113	0.014884	0.004184
85	-0.003227	-0.003010	-0.004725	-0.010210	0.014138	-0.014691	0.052064	0.010050	0.013627	0.017065	-0.019202	0.002100
86	0.001516	0.001350	0.001291	0.002550	0.002997	-0.129985	0.032128	-0.003022	-0.003439	-0.000834	0.000330	0.000912

87	0.002407	0.001431	0.001247	0.001629	0.002756	0.032352	-0.132148	-0.003540	-0.002962	0.000495	0.000892	0.000712
88	-0.009592	-0.005348	-0.002988	-0.003381	-0.004203	0.049965	-0.017299	0.014015	0.009759	-0.017031	0.020009	0.003276
89	-0.001817	-0.003636	0.009304	0.002207	0.001656	0.001552	0.002379	-0.280435	-0.006853	-0.005173	-0.006999	0.001171
90	0.002315	0.008891	-0.002611	-0.002947	0.009140	0.002095	0.001659	-0.007027	-0.281094	-0.006719	-0.005344	0.001184
91	0.001595	0.001679	0.002306	0.009272	-0.002561	-0.002668	0.009004	-0.005232	-0.006511	-0.279913	-0.006821	0.000515
92	0.008896	0.002528	0.001709	0.001651	0.002241	0.008952	-0.002246	-0.006896	-0.005155	-0.006970	-0.282263	-0.000032
93	-0.013924	-0.001574	-0.000865	-0.000561	-0.000606	-0.001157	-0.001266	0.000691	0.001493	0.001628	0.008418	-0.000815
94	-0.018222	-0.001574	-0.000799	-0.000621	-0.000683	-0.001243	-0.001852	-0.001008	0.001540	0.001636	-0.012248	-0.000667
95	0.068501	-0.002020	-0.001298	-0.000647	-0.000637	-0.000702	-0.001396	-0.008529	0.001658	0.001373	-0.001502	-0.000416
96	0.062816	-0.001394	-0.001194	-0.000559	-0.000597	-0.000792	-0.001410	0.008799	0.001717	0.001381	0.000243	-0.000533
97	-0.001180	0.062939	-0.013884	-0.001270	-0.000860	-0.000536	-0.000585	0.008424	0.000283	0.001310	0.001778	-0.000363
98	-0.001829	0.069641	-0.018308	-0.001253	-0.000771	-0.000590	-0.000683	-0.013994	-0.001560	0.001380	0.001757	-0.000496
99	-0.001313	-0.018309	0.069672	-0.001745	-0.001297	-0.000631	-0.000644	-0.001586	-0.010857	0.001526	0.001552	-0.000487
100	-0.001314	-0.013846	0.063110	-0.001131	-0.001214	-0.000553	-0.000595	0.000205	0.007340	0.001532	0.001555	-0.000484
101	-0.000570	-0.001143	-0.001218	0.062219	-0.013601	-0.001278	-0.000882	0.001843	0.009432	0.000193	0.001639	-0.001661
102	-0.000644	-0.001220	-0.001779	0.068731	-0.018197	-0.001280	-0.000814	0.001813	-0.008763	-0.001520	0.001690	-0.001734
103	-0.000625	-0.000747	-0.001383	-0.018293	0.068088	-0.001753	-0.001321	0.001617	-0.001246	-0.010460	0.001879	-0.001220
104	-0.000563	-0.000816	-0.001379	-0.013737	0.063615	-0.001155	-0.001240	0.001632	0.000453	0.007617	0.001895	-0.001514
105	-0.000794	-0.000646	-0.000598	-0.001228	-0.001222	0.062227	-0.013808	0.001492	0.001704	0.009498	0.000729	-0.000498
106	-0.000717	-0.000701	-0.000694	-0.001320	-0.001779	0.067778	-0.018340	0.001512	0.001728	-0.008650	-0.001050	-0.000351
107	-0.001249	-0.000757	-0.000638	-0.000767	-0.001366	-0.018464	0.069536	0.001763	0.001477	-0.001145	-0.009059	-0.000484
108	-0.001163	-0.000675	-0.000604	-0.000861	-0.001377	-0.013910	0.062648	0.001776	0.001463	0.000625	0.008218	-0.000340
109	-0.031019	0.037471	-0.004614	-0.000952	-0.000881	-0.000774	-0.001123	0.137720	0.003117	0.002443	0.003917	-0.000658
110	0.032834	-0.033855	-0.004671	-0.001236	-0.000760	-0.000767	-0.001234	0.142801	0.003693	0.002687	0.003046	-0.000534
111	-0.000982	-0.004691	-0.033037	0.032477	-0.004607	-0.000959	-0.000848	0.003758	0.141362	0.003267	0.002783	-0.000278
112	-0.001296	-0.004175	0.035524	-0.029576	-0.004478	-0.001097	-0.000789	0.003160	0.140067	0.003334	0.002502	-0.001011
113	-0.000723	-0.001170	-0.001136	-0.004510	-0.032573	0.031615	-0.004471	0.002738	0.003451	0.140587	0.003479	-0.001322
114	-0.000865	-0.000494	-0.001168	-0.004758	0.035086	-0.028936	-0.004545	0.002459	0.003024	0.139364	0.003317	0.000780
115	-0.004432	-0.001723	-0.000961	-0.000764	-0.001101	-0.004311	-0.033070	0.003563	0.002516	0.003435	0.139822	0.000336
116	-0.004473	-0.000807	-0.000743	-0.000879	-0.001127	-0.004631	0.035313	0.003263	0.002604	0.003440	0.142595	-0.000390
117	-0.000254	-0.000253	0.000141	-0.000092	-0.000041	0.000206	0.000043	-0.002244	-0.000299	0.002568	0.001402	-0.093662
118	-0.000348	-0.000247	-0.000109	-0.000373	-0.000505	-0.000134	-0.000178	-0.001354	-0.000560	-0.000752	0.000415	-0.197870
119	-0.000238	-0.000128	0.000026	0.000128	0.000080	0.000041	-0.000043	-0.001063	0.000104	0.000116	0.000631	-0.431855
120	-0.000361	-0.000228	-0.000216	-0.000217	-0.000250	-0.000205	-0.000171	-0.000527	-0.000320	-0.000653	0.000107	0.064934
121	0.000195	0.000132	0.000134	0.000170	0.000182	0.000144	0.000102	0.000309	0.000212	0.000414	-0.000049	-0.023981
122	0.000167	0.000096	0.000080	0.000046	0.000067	0.000061	0.000070	0.000207	0.000103	0.000246	-0.000054	-0.040899
123	-0.000308	-0.000208	-0.000154	-0.000243	-0.000293	-0.000228	-0.000230	-0.000949	-0.000060	-0.000293	-0.000263	0.728523
124	-0.000029	0.000046	0.000093	0.000144	0.000150	0.000119	0.000094	0.000164	-0.000053	0.000166	0.000202	-0.366197
125	0.000336	0.000164	0.000064	0.000100	0.000144	0.000110	0.000135	0.000807	0.000120	0.000116	0.000051	-0.362351
126	0.000123	0.000024	0.000062	-0.000093	-0.000085	-0.000040	-0.000057	-0.000982	-0.000286	0.000194	0.000650	-0.825199
127	-0.000531	-0.000117	-0.000068	-0.000155	-0.000169	-0.000145	-0.000170	-0.001841	-0.000489	-0.000134	0.000414	-0.849706
128	-0.000016	-0.000024	-0.000059	-0.000052	-0.000018	-0.000016	-0.000021	0.000172	-0.000057	-0.000061	-0.000050	0.000782
129	0.000077	0.000039	0.000049	0.000038	0.000030	0.000042	0.000065	-0.000044	-0.000026	0.000016	0.000186	-0.012741
130	0.000090	0.000078	0.000073	0.000026	0.000017	0.000023	0.000055	0.000084	0.000039	-0.000008	-0.000039	-0.015060
131	-0.000053	-0.000072	-0.000033	-0.000005	-0.000015	-0.000014	-0.000006	-0.000249	0.000013	0.000008	0.000079	0.011978
132	-0.000069	0.000039	0.000017	-0.000012	-0.000019	-0.000015	-0.000037	0.000123	0.000033	-0.000010	-0.000070	0.011918
133	-0.000033	-0.000062	-0.000049	0.000003	0.000004	-0.000021	-0.000059	-0.000088	-0.000002	0.000053	-0.000108	0.003949
134	-0.002370	0.001308	0.000375	-0.000231	-0.000341	0.000806	0.001910	0.000429	-0.000688	-0.002506	-0.005672	0.001697
135	0.001457	0.000059	-0.000012	-0.000329	-0.000397	0.000117	0.000463	0.001173	0.001055	0.001238	-0.018612	-0.002421
136	0.001913	-0.000293	0.000187	-0.000252	-0.000059	0.000094	-0.000730	0.000807	0.000811	0.000798	0.000137	0.002002

137	0.002866	-0.000254	0.000337	-0.000011	0.000346	0.000615	0.000947	0.003381	-0.000697	-0.001385	-0.005193	0.000180
138	0.002149	0.001541	0.001456	0.000787	0.000617	0.000892	0.001497	-0.014267	-0.002812	-0.002652	-0.004679	-0.009600
139	-0.002198	-0.000611	0.004167	0.001237	0.000641	-0.000453	-0.000407	0.007099	-0.006103	-0.000225	-0.000051	0.004740
140	-0.000322	-0.004903	0.003230	0.001206	0.000837	0.000367	0.001145	0.021384	-0.004476	-0.001839	-0.002405	0.000663
141	0.000598	0.003125	0.002585	0.000924	0.000557	0.000073	0.000244	0.001681	-0.005913	-0.000965	-0.000951	0.005478
142	-0.000895	-0.001917	-0.002435	-0.000109	-0.000030	-0.000277	-0.000100	0.007379	-0.001696	0.000358	0.000487	0.007620
143	-0.001431	-0.003522	0.007835	0.000841	-0.000552	-0.000852	-0.000445	0.006405	-0.020099	0.001918	0.001157	0.004473
144	-0.000403	0.000223	-0.000995	0.004910	-0.000110	-0.002471	-0.000836	0.001257	-0.003678	0.008038	0.002733	-0.006325
145	-0.000971	-0.000281	-0.000636	0.000257	-0.005397	-0.001594	-0.000545	0.002803	0.011023	0.007305	0.002157	-0.002013
146	-0.000207	0.000034	0.000257	-0.002043	-0.001713	-0.000818	-0.000211	0.000414	-0.001023	0.005656	0.000911	-0.000710
147	0.000164	0.000308	-0.000066	0.000866	0.002092	0.000554	-0.000117	-0.001085	0.001857	-0.000208	-0.000672	-0.001172
148	0.000146	0.000814	-0.000165	0.000179	-0.004678	-0.001413	-0.000289	-0.001601	-0.000639	0.019186	-0.000108	-0.003949
149	0.000036	0.000305	-0.000181	-0.000094	0.000330	-0.001827	0.003796	-0.002099	0.000455	0.002651	0.000004	0.004292
150	0.000443	0.000649	0.000282	0.000999	0.000345	0.002954	-0.000541	-0.002697	-0.001903	-0.014772	-0.000129	0.002934
151	0.000370	0.000328	-0.000142	0.000156	-0.000369	0.002437	-0.002103	-0.001888	-0.000658	0.001496	0.000778	0.006240
152	0.000287	0.000054	-0.000318	-0.000069	-0.000700	0.001405	-0.002829	0.000012	0.001210	0.001382	-0.002736	0.006161
153	0.000334	0.000018	-0.000316	-0.000250	-0.000441	-0.001785	-0.002502	0.000626	0.001652	0.003234	0.014364	0.003349
154	-0.000086	-0.000990	0.000872	0.000923	0.000718	0.000568	0.001066	0.007433	-0.002046	-0.002104	-0.001735	-0.001076
155	-0.001026	-0.000561	0.003530	0.001226	-0.001391	-0.001078	-0.000628	0.002962	-0.015114	0.003267	0.001596	0.003050
156	0.000361	0.000906	0.000106	0.000181	-0.002913	0.000738	-0.000789	-0.002146	-0.002226	0.004877	-0.001501	-0.001647
157	0.000464	0.000121	-0.000122	-0.000238	-0.000424	-0.000185	0.000048	0.002204	0.001069	0.003056	-0.009876	0.002833
158	0.000036	-0.000072	-0.000013	0.000087	-0.000083	-0.000125	0.000017	-0.001143	0.000293	-0.000595	0.000178	0.003143
159	-0.000205	0.000249	0.000387	0.000319	0.000200	0.000034	-0.000175	0.002972	0.001276	-0.001971	-0.001258	-0.015016
160	-0.000144	0.000246	0.000327	0.000246	0.000178	0.000048	-0.000155	0.002942	0.000967	-0.001438	-0.001294	-0.005299
161	0.000037	0.000113	0.000049	-0.000027	0.000010	0.000060	-0.000019	0.001093	-0.000350	0.000574	-0.000007	-0.001329
162	0.000463	-0.000412	-0.000356	0.000028	-0.000005	-0.000047	-0.000031	0.000016	0.000139	0.000238	0.000001	-0.000273
163	-0.000071	0.000439	0.000216	-0.000129	0.000223	0.000346	-0.000157	0.006284	-0.001578	0.003335	-0.000969	-0.020794
164	-0.000999	-0.000133	0.000051	-0.000562	-0.000115	0.000181	-0.000870	0.005891	0.001698	0.001160	0.001910	0.003913
165	-0.003005	0.000389	-0.000274	-0.000168	-0.000009	0.000050	0.000188	0.003651	0.000171	-0.000135	-0.006395	0.000650
166	-0.000397	0.000855	-0.000763	-0.000114	-0.000544	-0.000960	-0.001292	-0.006539	0.001170	0.002137	0.000795	0.000402
167	0.000495	0.005020	-0.001454	0.001144	0.001097	0.000255	0.000553	-0.000244	-0.002492	-0.001891	-0.001804	0.008979
168	-0.000388	-0.002320	-0.003886	-0.000333	0.000105	0.000138	0.000202	0.006862	0.006028	-0.000241	-0.000164	0.000021
169	0.001063	-0.000897	0.005478	-0.000282	0.000103	0.000528	0.000357	-0.004015	0.001092	-0.000837	-0.001054	-0.012266
170	0.000766	-0.000899	0.000717	-0.000741	0.000488	0.000901	0.001109	-0.001067	0.003972	-0.004571	-0.003024	-0.001144
171	0.000274	-0.000133	-0.000426	0.001783	0.000885	0.001232	0.000321	-0.000542	0.005141	-0.008041	-0.001259	0.000804
172	0.000014	-0.000700	-0.000339	-0.000044	-0.005440	0.000433	0.000509	0.001309	0.002860	-0.001831	-0.000232	0.001828
173	0.000595	0.000562	-0.000244	0.000366	-0.000996	0.002816	-0.000754	-0.002949	-0.000962	0.003817	-0.003320	0.009988
174	0.000008	-0.000002	0.000040	0.000157	-0.000348	0.001981	0.002350	0.000143	0.000097	-0.003454	-0.003817	-0.000087
175	-0.000516	-0.000101	0.000577	0.000218	0.000773	0.000086	-0.001060	0.000218	-0.001907	-0.006383	0.005446	-0.010019
176	0.015425	-0.002544	-0.001354	-0.000269	0.000532	0.000474	0.002712	-0.010605	-0.000706	-0.003074	-0.005444	-0.001065
177	-0.004262	0.006027	-0.002929	-0.001203	-0.000919	-0.000662	0.000277	-0.008824	0.004772	0.001991	0.000957	0.004323
178	-0.002032	-0.000905	0.006514	-0.003568	-0.000768	-0.000063	-0.000632	0.005886	-0.005092	0.001736	0.002960	0.003623
179	-0.000027	-0.000548	-0.000707	0.008495	0.000925	0.001130	0.000088	-0.000679	-0.009250	-0.003745	-0.002697	-0.008072
180	0.000494	-0.000058	0.000103	0.000678	-0.004906	0.004276	0.000222	-0.001936	0.000726	0.003928	-0.003126	0.004125
181	0.000410	-0.000079	-0.000312	0.000504	0.000083	-0.000911	0.002699	0.002355	0.002900	0.011445	-0.004034	-0.001122
182	-0.000489	-0.000829	-0.000334	-0.000407	-0.000201	0.001425	-0.012778	0.004859	0.003256	0.000462	0.009313	-0.000271
183	-0.001794	0.000095	0.000715	0.000565	0.000716	0.001438	0.005319	0.002277	-0.003028	-0.005216	0.010109	-0.002204
184	-0.000120	0.000241	0.000277	0.000139	0.000201	0.000246	-0.000037	0.002145	0.000274	-0.000378	-0.001056	-0.015460
185	-0.000260	0.000282	0.000383	0.000332	0.000250	0.000122	-0.000140	0.003780	0.001457	-0.002732	-0.001405	-0.021018
186	0.000017	-0.000157	-0.000100	0.000050	-0.000019	-0.000062	0.000052	-0.000693	0.000099	0.000027	0.000226	0.003361

187	0.000249	-0.000176	-0.000297	-0.000371	-0.000310	-0.000154	0.000097	-0.004614	-0.001336	0.002120	0.001407	0.018511
188	0.000121	-0.000201	-0.000277	-0.000162	-0.000136	-0.000152	0.000038	-0.000823	-0.000559	0.001054	0.000905	0.004388
189	-0.000017	0.000034	0.000012	0.000015	0.000013	0.000005	-0.000011	0.000118	0.000019	0.000024	0.000072	0.000355
190	0.005344	-0.001606	0.000206	0.000052	0.000036	0.000025	0.000033	0.275141	0.000175	0.000227	0.000094	0.000466
191	-0.002880	0.002131	0.000385	0.000105	0.000020	0.000065	0.000048	-0.005099	-0.000076	0.000273	0.000239	0.000431
192	0.002362	-0.003867	0.000012	0.000028	0.000007	-0.000011	-0.000029	-0.015588	0.000174	0.000044	-0.000062	-0.000206
193	-0.003216	0.003642	0.000083	0.000009	-0.000010	0.000004	0.000027	-0.016461	-0.000155	-0.000002	0.000128	0.000005
194	0.002239	-0.004732	0.000293	0.000042	0.000071	0.000048	0.000116	-0.004059	0.000070	0.000173	-0.000097	-0.000272
195	-0.000910	0.006544	0.000234	0.000098	-0.000001	0.000007	-0.000015	0.286255	0.000221	0.000382	0.000518	-0.000393
196	0.000210	0.003349	0.000048	0.000014	-0.000013	-0.000017	-0.000034	-0.002055	-0.000020	0.000035	-0.000024	0.000114
197	-0.000072	-0.000154	0.000146	0.000056	0.000038	0.000025	0.000016	0.004068	0.000001	0.000078	0.000029	-0.000091
198	-0.000139	-0.000151	0.000035	0.000011	0.000027	0.000040	0.000044	0.000417	-0.000013	0.000042	0.000020	-0.000115
199	-0.000073	-0.000016	0.000079	0.000042	0.000031	0.000026	0.000039	0.003772	0.000000	0.000091	0.000068	-0.000116
200	0.001644	0.000203	-0.000004	0.000028	-0.000009	-0.000024	-0.000030	-0.002290	-0.000096	0.000000	0.000058	0.000096
201	0.000017	0.000157	-0.003230	0.005344	0.000245	0.000041	0.000013	0.000133	0.275481	0.000157	0.000187	-0.000261
202	0.000078	0.000387	0.002608	-0.002740	0.000367	0.000118	0.000079	-0.000105	-0.004508	0.000093	0.000317	-0.000090
203	-0.000014	-0.000009	-0.003246	0.001856	0.000064	0.000025	-0.000009	0.000154	-0.016670	-0.000186	0.000130	0.000285
204	0.000012	0.000034	0.003366	-0.003213	0.000023	-0.000009	0.000003	-0.000097	-0.017722	0.000177	-0.000080	-0.000172
205	0.000077	0.000307	-0.003653	0.001841	0.000374	0.000072	0.000027	0.000160	-0.002187	0.000035	0.000037	-0.000875
206	-0.000018	0.000188	0.005901	0.000007	0.000262	0.000128	0.000031	0.000237	0.275150	0.000272	0.000411	0.000390
207	-0.000001	0.000026	0.002023	0.000336	0.000016	0.000005	-0.000041	0.000021	-0.001830	-0.000052	0.000002	0.000076
208	0.000045	0.000135	-0.000101	-0.000069	0.000072	0.000029	0.000023	0.000028	0.003770	-0.000005	0.000073	-0.000121
209	0.000042	0.000053	-0.000160	-0.000132	0.000047	0.000025	0.000025	0.000034	0.000496	0.000029	0.000018	-0.000132
210	0.000020	0.000074	-0.000064	-0.000086	0.000121	0.000047	0.000059	0.000058	0.003917	0.000057	0.000084	-0.000251
211	-0.000004	-0.000009	0.000155	0.001844	0.000025	0.000019	-0.000005	-0.000059	-0.000923	-0.000019	-0.000004	0.000420
212	0.000036	0.000038	-0.000022	0.000147	0.005564	-0.000353	0.000209	0.000340	0.000222	0.280981	0.000099	-0.000091
213	0.000010	0.000001	0.000073	0.000292	-0.003518	0.001990	0.000379	0.000195	0.000187	-0.003207	-0.000020	-0.000083
214	-0.000004	-0.000053	0.000021	0.000032	0.003259	-0.003188	0.000023	-0.000005	-0.000041	-0.017119	0.000209	0.000409
215	0.000015	0.000052	-0.000022	-0.000028	-0.003025	0.001921	0.000089	0.000017	0.000144	-0.016961	-0.000205	0.000430
216	0.000074	0.000092	0.000097	0.000359	0.002166	-0.002873	0.000349	0.000189	-0.000011	-0.004731	0.000053	-0.000339
217	-0.000001	-0.000016	0.000027	0.000124	-0.003132	0.005796	0.000226	0.000228	0.000357	0.272293	0.000373	-0.000303
218	-0.000014	-0.000037	-0.000010	-0.000025	0.000169	0.001933	0.000042	0.000024	0.000052	-0.002820	0.000032	0.000200
219	0.000039	0.000049	0.000016	0.000062	-0.000063	-0.000092	0.000117	0.000074	0.000038	0.003738	0.000007	-0.000034
220	0.000031	0.000040	0.000037	0.000053	-0.000161	-0.000153	0.000058	0.000047	0.000032	0.000477	0.000001	0.000026
221	0.000011	0.000024	0.000060	0.000138	-0.000082	-0.000054	0.000077	0.000069	0.000069	0.003864	-0.000007	-0.000268
222	-0.000019	-0.000022	0.000006	0.000005	0.002144	0.000350	0.000040	-0.000004	0.000081	-0.001174	-0.000054	0.000406
223	0.000217	-0.000017	-0.000013	0.000013	0.000007	0.000136	-0.001548	0.000145	0.000520	0.000336	0.282959	0.000059
224	0.000321	0.000100	0.000078	0.000043	0.000095	0.000400	0.002437	0.000175	0.000074	-0.000093	-0.003836	-0.000199
225	0.000030	0.000008	0.000005	0.000051	0.000030	0.000039	-0.003418	-0.000099	-0.000122	0.000151	-0.016392	0.000102
226	0.000008	-0.000032	-0.000001	-0.000014	-0.000003	0.000057	0.002620	0.000151	0.000115	-0.000048	-0.015473	-0.000084
227	0.000373	0.000081	0.000011	0.000021	0.000030	0.000290	-0.003352	-0.000070	0.000425	0.000231	-0.005360	-0.000433
228	0.000186	0.000072	0.000039	0.000018	0.000026	0.000251	0.005615	0.000435	0.000086	0.000206	0.278637	0.000188
229	0.000007	0.000002	-0.000017	-0.000014	-0.000006	0.000004	0.001872	0.000012	0.000052	0.000067	-0.003162	0.000214
230	0.000069	0.000016	0.000045	0.000057	0.000044	0.000129	-0.000095	0.000015	0.000105	0.000046	0.004024	-0.000161
231	0.000050	0.000026	0.000027	0.000041	0.000044	0.000064	-0.000145	0.000018	0.000036	0.000030	0.000588	-0.000142
232	0.000120	0.000027	0.000032	0.000041	0.000031	0.000085	-0.000083	0.000040	0.000059	0.000051	0.003858	-0.000096
233	0.000007	-0.000014	-0.000010	-0.000006	-0.000020	0.000008	0.000270	0.000014	0.000014	-0.000044	-0.002663	0.000176
234	-0.004865	0.002807	0.000588	0.000065	0.000118	0.000124	0.000251	0.277095	0.000394	0.000370	0.000222	-0.001317
235	0.003226	-0.006187	0.000490	0.000209	0.000078	0.000104	0.000037	0.266644	0.000094	0.000710	0.000377	0.001071
236	0.001323	0.002438	-0.000431	-0.000090	-0.000079	-0.000088	-0.000148	-0.130332	-0.000071	-0.000272	-0.000117	0.000453

237	0.001371	0.000408	-0.000262	-0.000036	-0.000052	-0.000042	-0.000087	-0.101681	-0.000081	-0.000209	-0.000026	0.000142
238	-0.000003	0.000199	0.000074	0.000003	0.000002	0.000000	0.000010	-0.016727	-0.000041	-0.000025	-0.000084	0.000032
239	0.000088	0.000013	-0.000050	-0.000021	-0.000013	-0.000021	-0.000009	-0.025720	-0.000081	-0.000106	-0.000109	0.000003
240	-0.001549	-0.001896	0.000154	0.000027	0.000033	0.000045	0.000054	-0.000122	0.000034	0.000072	0.000053	-0.000089
241	-0.001671	-0.001704	0.000141	0.000026	0.000034	0.000046	0.000066	0.000042	0.000023	0.000109	0.000043	-0.000063
242	0.000271	0.000196	-0.000096	-0.000003	-0.000016	-0.000020	-0.000031	-0.025576	0.000006	-0.000006	-0.000018	-0.000019
243	0.000411	0.000059	-0.000029	0.000012	0.000004	-0.000001	-0.000016	-0.016943	0.000050	0.000072	0.000038	-0.000085
244	0.000808	0.001976	-0.000244	-0.000079	-0.000027	-0.000043	-0.000029	-0.100225	-0.000133	-0.000300	-0.000198	-0.000134
245	0.000531	0.001735	-0.000334	-0.000115	-0.000082	-0.000103	-0.000099	-0.126533	-0.000192	-0.000414	-0.000181	0.000008
246	0.000141	0.000520	0.003835	-0.003679	0.000371	0.000073	0.000064	0.000553	0.267666	0.000634	0.000036	-0.001362
247	0.000109	0.000543	-0.007656	0.002543	0.000695	0.000244	0.000171	-0.000134	0.271457	-0.000070	0.000977	0.000102
248	-0.000128	-0.000418	0.000522	0.001129	-0.000313	-0.000080	-0.000067	-0.000114	-0.126135	-0.000223	-0.000159	0.000800
249	-0.000070	-0.000251	0.001070	0.001260	-0.000213	-0.000025	-0.000030	-0.000103	-0.101019	-0.000134	-0.000084	0.000686
250	0.000017	0.000049	0.000761	0.000101	-0.000026	-0.000022	-0.000006	-0.000043	-0.017432	-0.000004	-0.000077	-0.000147
251	0.000001	-0.000060	0.000606	0.000159	-0.000131	-0.000058	-0.000036	-0.000062	-0.026082	-0.000058	-0.000138	-0.000086
252	0.000056	0.000163	-0.001836	-0.001748	0.000149	0.000038	0.000034	0.000026	0.000361	0.000046	0.000054	-0.000300
253	0.000059	0.000170	-0.001658	-0.001874	0.000155	0.000031	0.000039	0.000039	0.000385	0.000076	0.000074	-0.000379
254	-0.000049	-0.000115	0.000203	0.000198	-0.000051	0.000011	0.000009	-0.000012	-0.024753	-0.000073	0.000068	0.000446
255	-0.000013	-0.000028	0.000110	0.000307	0.000039	0.000033	0.000012	0.000043	-0.015915	-0.000027	0.000138	0.000152
256	-0.000030	-0.000236	0.002164	0.000475	-0.000270	-0.000104	-0.000074	-0.000077	-0.099854	-0.000098	-0.000413	-0.000431
257	-0.000093	-0.000336	0.001933	0.001072	-0.000406	-0.000142	-0.000116	-0.000116	-0.128761	-0.000072	-0.000475	0.000521
258	0.000227	0.000336	0.000135	0.000421	-0.007815	0.002793	0.000636	0.000603	0.000252	0.267345	0.000261	-0.003399
259	-0.000029	-0.000094	0.000116	0.000612	0.003881	-0.004074	0.000354	0.000446	0.000175	0.273540	0.000158	-0.000277
260	-0.000119	-0.000161	-0.000118	-0.000339	0.001941	0.001045	-0.000412	-0.000328	-0.000117	-0.127235	0.000001	0.001261
261	-0.000067	-0.000115	-0.000030	-0.000224	0.002156	0.000557	-0.000215	-0.000265	0.000000	-0.099043	-0.000004	0.000859
262	0.000009	0.000030	-0.000002	-0.000024	0.000159	0.000282	0.000042	0.000029	-0.000049	-0.016747	-0.000110	0.000012
263	0.000010	0.000030	-0.000031	-0.000102	0.000252	0.000142	-0.000075	-0.000035	-0.000048	-0.025211	-0.000124	0.000155
264	0.000048	0.000050	0.000045	0.000160	-0.001640	-0.001835	0.000155	0.000105	0.000027	0.000341	0.000031	-0.000348
265	0.000042	0.000044	0.000041	0.000166	-0.001805	-0.001713	0.000167	0.000087	0.000007	0.000059	0.000019	-0.000258
266	-0.000037	-0.000052	-0.000007	-0.000064	0.000591	0.000104	-0.000097	-0.000060	-0.000038	-0.025587	0.000020	0.000004
267	-0.000030	-0.000041	0.000035	0.000065	0.000774	0.000038	-0.000042	-0.000026	0.000010	-0.016738	0.000070	-0.000384
268	-0.000019	-0.000007	-0.000066	-0.000246	0.001020	0.001296	-0.000206	-0.000267	-0.000102	-0.102056	-0.000149	0.001395
269	-0.000036	-0.000018	-0.000119	-0.000425	0.000520	0.001320	-0.000306	-0.000289	-0.000117	-0.128756	-0.000174	0.000984
270	0.000466	0.000090	-0.000011	-0.000024	0.000072	0.000513	0.003348	0.000393	0.001205	0.000722	0.267794	-0.001162
271	0.000647	0.000224	0.000223	0.000190	0.000140	0.000478	-0.005531	0.000116	-0.000055	-0.000267	0.276144	0.000166
272	-0.000348	-0.000107	-0.000056	-0.000040	-0.000097	-0.000389	0.000592	-0.000143	-0.000555	-0.000167	-0.127011	0.000637
273	-0.000260	-0.000042	-0.000031	-0.000021	-0.000008	-0.000192	0.001027	-0.000035	-0.000483	-0.000155	-0.101235	0.000347
274	-0.000037	-0.000024	-0.000016	-0.000014	0.000015	0.000040	0.000445	-0.000049	0.000152	0.000037	-0.016845	-0.000060
275	-0.000106	-0.000049	-0.000027	-0.000014	-0.000016	-0.000080	0.000260	-0.000071	0.000096	-0.000027	-0.025629	-0.000002
276	0.000183	0.000062	0.000042	0.000026	0.000033	0.000143	-0.001711	0.000042	0.000119	0.000029	0.000098	-0.000338
277	0.000186	0.000061	0.000041	0.000026	0.000024	0.000144	-0.001564	0.000022	0.000104	0.000011	0.000119	-0.000294
278	-0.000089	-0.000014	0.000007	0.000016	-0.000005	-0.000072	0.000105	-0.000053	-0.000222	-0.000080	-0.025903	0.000220
279	0.000024	0.000015	0.000008	0.000022	0.000026	0.000013	0.000018	0.000013	-0.000149	-0.000024	-0.017162	0.000141
280	-0.000249	-0.000084	-0.000068	-0.000056	-0.000067	-0.000252	0.001524	-0.000142	-0.000063	0.000001	-0.101429	0.000075
281	-0.000418	-0.000136	-0.000112	-0.000113	-0.000119	-0.000344	0.001452	-0.000093	-0.000148	-0.000077	-0.129015	0.000267
282	0.010545	-0.011896	-0.000065	-0.000107	0.000061	0.000031	-0.000004	0.004817	-0.000098	-0.000002	-0.000168	-0.000465
283	-0.002280	0.001407	-0.000010	-0.000004	0.000038	0.000024	0.000010	-0.004841	0.000133	0.000027	-0.000223	-0.000002
284	0.000584	0.000583	-0.000028	0.000006	-0.000011	-0.000004	0.000012	0.000135	-0.000050	0.000048	0.000085	0.000066
285	-0.001225	0.001437	-0.000078	-0.000005	-0.000001	0.000002	0.000008	-0.001050	-0.000012	0.000014	0.000015	0.000157
286	-0.000429	-0.000606	-0.000076	0.000000	-0.000006	-0.000007	-0.000002	-0.002057	-0.000022	-0.000034	0.000090	0.000119

287	0.001793	-0.001643	-0.000102	0.000024	-0.000007	0.000007	0.000024	-0.005897	-0.000133	0.000041	0.000150	0.000414
288	0.000149	-0.000254	-0.011603	0.009863	-0.000003	-0.000001	-0.000045	-0.000023	0.002998	0.000342	-0.000118	-0.000184
289	0.000043	-0.000042	0.001592	-0.002819	-0.000048	0.000024	-0.000005	0.000124	-0.004622	-0.000087	-0.000010	0.000060
290	-0.000010	-0.000012	0.000472	0.000688	0.000066	0.000012	0.000012	-0.000068	0.000312	0.000023	0.000059	-0.000100
291	-0.000022	-0.000090	0.001446	-0.001201	0.000083	0.000006	0.000009	-0.000020	-0.000914	-0.000008	0.000004	-0.000042
292	-0.000028	-0.000066	-0.000304	-0.000305	0.000044	-0.000010	0.000012	-0.000010	-0.001762	0.000052	-0.000005	0.000034
293	-0.000012	-0.000051	-0.001887	0.001714	0.000016	0.000012	0.000018	-0.000168	-0.004629	0.000087	0.000057	-0.000015
294	0.000010	-0.000335	0.000025	0.000071	-0.011276	0.009633	0.000077	0.000053	-0.000075	0.003168	0.000417	-0.000134
295	-0.000022	-0.000078	0.000004	0.000097	0.001646	-0.001641	-0.000007	-0.000033	0.000136	0.005629	-0.000024	-0.000236
296	0.000012	0.000038	-0.000019	-0.000080	-0.000307	-0.000290	0.000045	-0.000034	-0.000079	-0.002042	0.000054	0.000134
297	0.000015	0.000003	-0.000018	-0.000083	0.001401	-0.001189	0.000084	0.000001	-0.000028	-0.000917	0.000003	0.000092
298	0.000019	0.000034	-0.000005	-0.000043	0.000465	0.000725	0.000069	0.000043	-0.000067	0.000315	-0.000018	-0.000027
299	-0.000001	0.000068	-0.000009	-0.000005	-0.001593	0.002662	0.000055	-0.000053	-0.000171	0.004988	0.000092	0.000055
300	-0.000045	0.000391	0.000122	0.000013	-0.000013	-0.000013	0.011038	-0.000353	-0.000259	0.000172	0.002943	0.000014
301	0.000073	0.000071	0.000026	0.000000	-0.000014	-0.000008	-0.001720	0.000105	-0.000088	-0.000097	0.004874	0.000149
302	-0.000081	-0.000057	-0.000023	-0.000005	0.000012	0.000060	-0.000407	-0.000043	-0.000013	0.000072	-0.001660	-0.000062
303	-0.000092	-0.000022	-0.000010	-0.000003	0.000022	0.000091	-0.001339	-0.000001	0.000003	0.000007	-0.000848	-0.000005
304	-0.000034	-0.000039	-0.000018	-0.000005	0.000021	0.000084	0.000602	-0.000049	0.000063	0.000008	0.000253	-0.000059
305	0.000014	-0.000107	-0.000042	-0.000014	-0.000002	0.000103	0.002272	-0.000072	0.000027	0.000135	0.004281	0.000072
306	0.013444	0.019382	0.000065	0.000015	0.000054	0.000050	0.000069	0.041608	0.000750	0.000084	0.000193	0.000652
307	0.000774	-0.002230	-0.000236	-0.000063	0.000048	0.000025	0.000019	-0.001182	0.000113	-0.000009	-0.000178	0.000264
308	0.001714	-0.000321	0.000061	-0.000002	0.000007	0.000020	0.000003	-0.000279	-0.000114	0.000047	-0.000005	-0.000222
309	0.000995	-0.001589	0.000038	-0.000002	-0.000017	-0.000030	-0.000008	0.003244	0.000038	-0.000026	0.000017	-0.000139
310	-0.001296	0.001097	0.000002	-0.000005	0.000004	0.000007	-0.000014	0.001727	0.000019	-0.000022	0.000030	0.000070
311	-0.000223	0.002167	-0.000051	0.000007	-0.000002	0.000009	0.000029	-0.002789	-0.000018	0.000055	-0.000051	0.000092
312	-0.001866	0.000806	0.000186	0.000064	-0.000040	-0.000031	-0.000029	-0.000699	-0.000040	-0.000045	0.000186	-0.000066
313	0.000094	0.000116	0.017581	0.011451	0.000147	0.000043	-0.000023	0.000452	0.040146	0.000420	-0.000045	-0.000293
314	0.000038	-0.000342	-0.001405	0.000738	0.000177	0.000028	-0.000017	0.000145	-0.001467	0.000050	-0.000130	-0.000118
315	0.000019	0.000036	-0.000753	0.001543	-0.000037	0.000025	0.000001	-0.000117	-0.000162	0.000054	0.000058	-0.000052
316	0.000010	0.000060	-0.001460	0.000968	-0.000034	-0.000042	-0.000003	0.000052	0.002896	-0.000010	-0.000006	0.000013
317	-0.000019	-0.000021	0.001153	-0.001172	0.000037	0.000011	-0.000004	0.000013	0.001479	0.000023	-0.000034	0.000018
318	-0.000009	-0.000029	0.002014	0.000101	0.000059	0.000030	0.000004	-0.000024	-0.002714	-0.000098	0.000032	-0.000112
319	-0.000039	0.000297	0.000411	-0.002117	-0.000202	-0.000050	0.000019	-0.000071	-0.000036	-0.000020	0.000083	0.000254
320	-0.000002	0.000019	-0.000010	-0.000069	-0.017683	-0.012749	-0.000112	-0.000152	-0.000719	-0.038048	-0.000392	-0.000980
321	0.000013	-0.000160	-0.000019	-0.000130	-0.000354	0.002217	0.000233	0.000050	0.000061	-0.000198	0.000041	0.000141
322	-0.000001	-0.000035	0.000000	0.000053	-0.001995	-0.000177	-0.000053	-0.000048	-0.000033	0.002508	0.000155	0.000010
323	0.000002	0.000018	0.000016	0.000013	-0.001108	0.001166	-0.000031	0.000024	-0.000005	-0.001575	-0.000044	-0.000103
324	0.000007	-0.000014	-0.000014	-0.000046	0.001455	-0.000958	0.000021	0.000042	0.000008	-0.003042	-0.000035	0.000053
325	-0.000008	0.000037	-0.000009	-0.000058	0.000798	-0.001444	0.000033	-0.000078	0.000041	0.000027	0.000009	0.000277
326	-0.000014	0.000156	0.000025	0.000168	0.001268	-0.000889	-0.000204	0.000010	-0.000072	0.002296	-0.000127	-0.000376
327	-0.000037	-0.000070	0.000005	0.000001	-0.000022	-0.000114	-0.014738	-0.000503	-0.000007	-0.000588	-0.048999	0.000636
328	-0.000185	0.000155	0.000042	0.000000	0.000030	0.000196	0.001966	-0.000023	-0.000087	-0.000096	-0.000028	0.000054
329	0.000030	0.000030	0.000022	0.000010	-0.000011	-0.000050	0.000240	-0.000040	-0.000089	0.000130	0.003133	-0.000022
330	0.000026	0.000013	-0.000005	-0.000012	-0.000006	-0.000042	0.001406	-0.000044	0.000041	-0.000039	-0.001841	-0.000045
331	-0.000055	0.000004	0.000000	0.000016	0.000018	0.000008	-0.001093	-0.000001	0.000012	-0.000012	-0.002945	0.000006
332	-0.000049	-0.000053	-0.000007	-0.000009	-0.000008	0.000052	-0.001786	0.000115	-0.000026	-0.000012	0.000632	-0.000030
333	0.000232	-0.000150	-0.000053	-0.000004	-0.000022	-0.000164	-0.000803	-0.000006	0.000146	0.000027	0.001011	0.000039

49

50

51

52

53

54

55

56

57

58

59

60

1	0.005304	-0.037734	0.012156	0.021575	0.001263	0.001922	0.001709	0.001345	0.000627	0.000935	0.000776	0.399000
2	0.015063	-0.032787	0.031099	0.001127	0.001221	0.003742	-0.002762	0.001297	0.001201	0.002616	0.002741	0.403000
3	-0.003052	-0.007396	-0.004909	0.014320	-0.000579	0.000188	0.001017	0.002160	0.000037	-0.000058	-0.000167	0.034931
4	0.002797	0.004836	0.001619	-0.005304	0.000135	0.000092	0.000866	0.001800	0.000053	-0.000332	0.000108	0.035886
5	-0.001087	-0.003352	0.000562	0.000434	0.002210	0.000190	0.001407	-0.000329	-0.000336	-0.000232	-0.000069	0.017904
6	0.001922	-0.002337	0.001996	-0.001358	0.002171	0.000297	0.001242	-0.000504	-0.000083	0.000179	-0.000367	0.015741
7	-0.054496	0.001982	-0.072289	0.224500	-0.023090	-0.005916	-0.005884	-0.026377	-0.001759	-0.001936	-0.001897	0.154489
8	-0.000809	-0.012010	-0.006397	0.019219	-0.000502	-0.000750	0.002901	0.005520	-0.000007	-0.000519	-0.000629	0.006591
9	-0.003286	-0.018473	-0.009152	0.028460	-0.000065	-0.001100	0.003068	-0.003819	-0.000061	-0.000505	-0.000718	0.004965
10	-0.000679	-0.001403	-0.001638	0.012580	-0.000020	-0.000256	0.001582	0.002529	0.000093	-0.000618	-0.000212	0.004867
11	-0.000270	0.002499	-0.002089	0.008742	0.000311	-0.000282	0.001375	0.002372	-0.000152	-0.000487	-0.000418	0.007451
12	-0.002313	0.000185	0.000265	-0.008253	0.003240	-0.000110	0.001004	-0.000014	-0.000507	-0.000761	-0.000802	0.007654
13	-0.002037	-0.000459	0.000892	-0.009058	-0.005088	-0.000182	0.000578	0.000265	-0.000551	-0.000685	-0.000891	-0.004768
14	-0.000070	0.002929	-0.001958	0.001215	0.002374	-0.000227	0.001253	0.000433	-0.000331	-0.000606	-0.000470	-0.006599
15	-0.000015	0.006166	-0.003583	0.001147	0.001842	-0.000229	0.001369	-0.000311	-0.000394	-0.000579	-0.000814	0.007100
16	0.003717	0.003803	0.005734	-0.006104	0.000046	0.000515	0.000063	0.002682	0.000226	0.000309	0.000088	-0.006938
17	-0.003711	-0.014775	-0.003661	0.012140	0.000074	-0.000577	0.001104	-0.003763	0.000139	0.000017	-0.000486	0.001815
18	0.001792	-0.001516	0.003126	-0.006283	-0.000140	0.000435	-0.000081	-0.005203	0.000034	-0.000048	0.000289	-0.003998
19	0.001241	-0.005360	0.003536	-0.001656	-0.000266	0.000283	-0.000245	-0.000386	0.000201	0.000191	0.000189	-0.005047
20	-0.000528	0.003909	-0.000238	0.006200	0.000718	-0.000100	0.000476	0.002560	0.000148	-0.000396	0.000298	0.003360
21	0.001962	-0.004012	0.002994	-0.001714	-0.000069	0.000390	0.000092	-0.000975	0.000056	0.000218	0.000100	-0.008126
22	0.002321	-0.004523	0.003086	0.003936	0.001449	0.000432	0.000071	-0.000211	0.000198	0.000215	0.000277	-0.006013
23	-0.001568	0.000510	-0.000615	-0.006867	-0.002030	-0.000029	0.000329	0.000610	-0.000472	-0.000403	-0.000420	0.000964
24	0.001205	-0.005109	0.002339	0.003020	-0.003074	0.000311	0.000174	-0.000336	0.000169	0.000209	0.000250	-0.003577
25	0.001289	-0.006875	0.003578	0.000155	-0.000153	0.000337	0.000026	-0.000686	0.000055	0.000174	0.000282	-0.004910
26	0.001309	0.008142	-0.002443	-0.002634	0.002051	-0.000034	0.000674	0.001397	-0.000331	-0.000221	-0.000391	0.001861
27	0.002044	-0.005244	0.004248	0.001178	-0.000557	0.000362	0.000069	-0.000232	0.000209	0.000342	0.000230	-0.007139
28	-0.001438	-0.013279	-0.001186	0.004913	0.000462	0.000220	0.000967	-0.006977	0.000114	-0.000057	-0.000161	-0.010906
29	-0.000508	-0.009215	0.000692	0.012457	-0.000009	0.000251	0.000854	0.001848	0.000276	-0.000216	0.000296	-0.010395
30	0.001591	-0.000025	0.002714	0.001523	0.002445	0.000361	0.000423	0.000362	0.000021	-0.000110	0.000000	-0.007986
31	0.001423	-0.006990	0.002265	0.004537	0.000495	0.000478	0.000926	0.000458	-0.000112	-0.000169	0.000006	-0.009496
32	0.000298	-0.005440	0.001879	-0.001194	-0.004373	0.000253	0.001033	0.000840	-0.000178	-0.000147	-0.000155	-0.000360
33	0.001857	-0.002546	0.002437	-0.001670	0.001122	0.000280	0.000807	0.000154	-0.000136	-0.000021	-0.000024	-0.001673
34	0.003726	0.000977	0.002579	0.003550	0.000543	0.000333	0.001230	0.003613	-0.000058	0.000201	-0.000123	-0.009327
35	0.002089	-0.002363	0.003651	0.000526	-0.000147	0.000229	0.001086	0.000190	0.000203	0.000095	-0.000183	-0.008625
36	0.000225	0.000068	0.000889	-0.000796	0.000016	0.000056	-0.000145	0.000110	0.000065	0.000126	0.000024	-0.000623
37	0.000012	-0.000307	0.000815	-0.000927	0.000013	0.000055	-0.000259	-0.000037	0.000040	0.000073	0.000070	-0.000306
38	0.000140	-0.000118	0.000657	-0.000439	0.000022	0.000051	-0.000154	0.000046	0.000063	0.000032	0.000119	-0.000193
39	0.000303	0.000071	0.000582	-0.000436	0.000077	0.000074	-0.000141	0.000059	0.000040	0.000036	0.000098	-0.000559
40	0.000372	-0.000103	0.000321	-0.000240	0.000037	0.000069	-0.000117	0.000066	0.000012	0.000031	0.000057	0.000380
41	0.000277	-0.000224	0.000248	-0.000207	-0.000124	0.000054	-0.000062	0.000022	-0.000003	0.000031	0.000039	0.000253
42	0.000376	-0.000090	0.000398	-0.000437	0.000049	0.000064	-0.000063	0.000038	-0.000001	0.000043	0.000033	0.000331
43	0.000323	0.000000	0.000517	-0.000278	0.000053	0.000063	-0.000046	0.000036	-0.000019	0.000086	0.000035	0.000418
44	0.000058	-0.001698	0.000726	-0.000767	-0.000023	0.000015	0.000312	-0.000934	0.000088	-0.000103	0.000073	-0.000123
45	0.001013	-0.000466	0.000776	-0.000077	0.000314	0.000198	0.000248	0.000038	-0.000116	-0.000076	-0.000002	0.000261
46	0.000381	-0.000690	0.000306	-0.000776	-0.001085	0.000104	0.000241	0.000021	-0.000059	-0.000044	-0.000038	-0.002029
47	0.001137	0.000855	0.001115	-0.000152	0.000094	0.000042	0.000557	0.000295	0.000063	0.000069	-0.000125	0.000200
48	0.103127	0.437758	1.132180	0.573860	0.092528	0.002262	-0.019415	-0.071890	-0.000480	-0.017335	-0.018392	0.001603
49	5.849060	0.352186	1.199470	1.239690	0.054889	0.022334	0.048332	0.010748	0.000500	0.010692	0.011465	0.000798
50	0.352186	6.001710	0.195927	0.580414	0.024867	0.042096	0.119681	0.035333	-0.018749	-0.005357	-0.007401	0.003285

51	1.199470	0.195927	5.201730	0.082442	-0.003862	0.005636	0.133259	0.067634	-0.002276	-0.031403	-0.031229	0.003922
52	1.239690	0.580414	0.082442	6.365120	-0.050148	-0.009517	0.000023	0.074550	0.005832	0.018242	0.019570	-0.007058
53	0.054889	0.024867	-0.003862	-0.050148	5.596940	0.005036	0.000960	0.000342	-0.000645	-0.000196	-0.000182	-0.000910
54	0.022334	0.042096	0.005636	-0.009517	0.005036	5.583720	0.005954	0.000000	-0.001207	0.003430	0.003176	0.000236
55	0.048332	0.119681	0.133259	0.000023	0.000960	0.005954	4.974380	0.013609	0.080577	0.154410	0.161224	-0.001608
56	0.010748	0.035333	0.067634	0.074550	0.000342	0.000000	0.013609	5.574180	0.004065	-0.000644	-0.000514	-0.000093
57	0.000500	-0.018749	-0.002276	0.005832	-0.000645	-0.001207	0.080577	0.004065	5.155460	0.034004	0.035001	0.000057
58	0.010692	-0.005357	-0.031403	0.018242	-0.000196	0.003430	0.154410	-0.000644	0.034004	5.027150	0.050789	-0.000090
59	0.011465	-0.007401	-0.031229	0.019570	-0.000182	0.003176	0.161224	-0.000514	0.035001	0.050789	5.015100	0.000093
60	0.000798	0.003285	0.003922	-0.007058	-0.000910	0.000236	-0.001608	-0.000093	0.000057	-0.000090	0.000093	0.773000
61	0.010167	0.064816	0.004297	-0.080566	0.013723	-0.001840	-0.000759	0.013235	-0.001570	0.000214	-0.002780	0.020978
62	-0.006847	-0.014856	-0.003628	0.032319	-0.006180	-0.000269	0.000342	-0.004632	0.001048	-0.001366	0.001329	0.025805
63	-0.003109	-0.023089	-0.000155	0.032353	-0.004108	-0.000407	0.002547	-0.002126	0.001279	-0.001167	0.001286	-0.035119
64	0.006808	0.043440	-0.001715	-0.047777	0.010339	-0.001316	0.000623	0.011291	-0.001353	0.000340	-0.002156	-0.036575
65	-0.031007	-0.039222	-0.005737	0.029248	0.020601	0.001985	-0.007552	-0.016303	-0.002104	0.001788	0.000011	0.054917
66	-0.006583	-0.049953	0.001498	0.045374	-0.008778	0.001875	-0.001292	-0.012083	0.000669	0.000030	0.002216	0.038551
67	0.024021	-0.002507	0.001603	0.018969	-0.030352	0.000267	0.005770	0.005230	0.002396	-0.000837	0.001496	-0.010389
68	0.006446	0.021387	0.003787	-0.029948	0.004770	-0.000283	0.000272	0.005462	-0.000386	0.001006	-0.001397	-0.007173
69	-0.002513	-0.006672	-0.000995	0.005937	0.000460	0.000157	-0.000239	-0.004009	0.000092	0.000100	0.000038	0.002979
70	-0.000713	-0.003240	0.000562	0.004544	0.000557	0.000138	-0.000179	0.000676	0.000042	-0.000029	0.000124	-0.002265
71	0.000227	0.000686	-0.001613	0.000950	-0.002490	0.000092	0.000008	0.000828	-0.000070	0.000044	0.000048	0.007244
72	0.002368	0.002846	0.002150	-0.005641	0.000205	-0.000038	0.000159	0.000903	-0.000010	0.000065	0.000001	-0.003822
73	0.001178	0.004040	-0.000504	0.002259	0.000075	0.000067	0.000284	0.002804	-0.000090	-0.000068	-0.000009	0.002561
74	-0.001447	-0.004994	-0.003994	0.009808	-0.000005	-0.000460	0.001102	0.000510	-0.000064	-0.000210	-0.000315	-0.000146
75	-0.001352	-0.004252	-0.004130	0.008918	-0.000037	-0.000473	0.001022	0.000718	-0.000116	-0.000273	-0.000303	0.000824
76	0.002108	-0.000939	0.000413	0.002002	-0.000627	0.000081	0.000593	0.002139	0.000069	-0.000224	0.000192	0.009080
77	0.001878	-0.003435	0.002301	-0.002448	-0.000385	-0.000041	0.000290	-0.000494	0.000043	0.000038	-0.000149	0.008264
78	-0.001326	0.001616	-0.002156	0.004890	0.000161	-0.000197	0.000457	0.001212	-0.000070	-0.000252	-0.000194	0.001216
79	-0.001105	0.000663	-0.002281	0.005646	0.000267	-0.000180	0.000640	0.001037	-0.000063	-0.000241	-0.000197	0.000060
80	0.000960	-0.000619	-0.000278	-0.001586	-0.000754	0.000059	0.000189	-0.001133	-0.000123	0.000059	-0.000257	0.002132
81	0.001444	0.001329	0.001594	-0.000641	0.000832	0.000081	0.000022	-0.000178	0.000095	0.000039	-0.000060	0.018085
82	-0.001614	0.000915	-0.001033	-0.002802	-0.000091	-0.000184	0.000284	0.000134	-0.000237	-0.000293	-0.000360	-0.005362
83	-0.001706	0.001294	-0.001389	-0.002829	-0.000074	-0.000218	0.000301	0.000126	-0.000232	-0.000322	-0.000374	-0.003363
84	-0.000186	-0.003740	0.001801	0.001567	0.000434	0.000078	-0.000061	-0.000961	0.000112	0.000008	0.000098	0.001697
85	-0.000074	-0.005145	0.002682	-0.000519	-0.000412	0.000057	-0.000149	-0.000948	0.000002	0.000003	0.000034	0.001065
86	-0.000632	0.003938	-0.002954	0.000185	0.000876	-0.000237	0.000550	0.000383	-0.000203	-0.000322	-0.000275	-0.003824
87	-0.000363	0.004211	-0.002342	-0.001078	0.000904	-0.000199	0.000478	0.000583	-0.000169	-0.000300	-0.000275	-0.005894
88	-0.001065	-0.005273	0.001197	0.006530	-0.000622	0.000033	0.000094	-0.001858	0.000224	0.000026	-0.000048	0.017879
89	-0.000318	-0.002373	0.000160	0.001727	0.000162	0.000130	-0.000452	0.000081	0.000030	0.000071	0.000125	-0.005003
90	0.000456	-0.001177	0.001134	0.000690	0.000424	0.000120	-0.000147	0.000285	0.000077	0.000095	0.000131	-0.005616
91	0.000572	-0.001245	0.000743	0.000260	0.000749	0.000071	-0.000077	0.000227	0.000019	0.000084	0.000068	-0.000714
92	0.001255	0.000181	0.001575	-0.000260	0.000197	0.000139	-0.000223	0.000975	0.000103	0.000218	0.000082	-0.005696
93	0.000988	0.002699	0.002320	-0.005247	0.000009	0.000271	-0.000532	-0.000274	0.000064	0.000141	0.000159	-0.000311
94	0.000458	0.002286	0.001678	-0.004557	-0.000004	0.000189	-0.000571	-0.000235	0.000000	0.000070	0.000157	0.000459
95	0.000489	0.002009	0.001725	-0.004018	0.000022	0.000202	-0.000477	-0.000423	0.000042	0.000146	0.000105	-0.000148
96	0.000867	0.002179	0.002423	-0.004895	0.000021	0.000271	-0.000546	-0.000319	0.000075	0.000129	0.000197	-0.000634
97	0.000730	-0.001178	0.001402	-0.002642	-0.000082	0.000121	-0.000310	-0.000688	0.000055	0.000144	0.000123	-0.000871
98	0.000589	-0.000473	0.000745	-0.002192	-0.000089	0.000078	-0.000147	-0.000529	0.000015	0.000108	0.000072	-0.000327
99	0.000315	-0.000069	0.000948	-0.002754	-0.000130	0.000051	-0.000343	-0.000466	0.000030	0.000103	0.000083	0.000337
100	0.000824	-0.000490	0.001350	-0.003062	-0.000114	0.000126	-0.000293	-0.000553	0.000034	0.000136	0.000108	-0.000438

101	0.000945	-0.000643	0.000763	0.001581	0.000031	0.000129	-0.000163	-0.000064	0.000128	0.000163	0.000218	0.002984
102	0.000643	-0.000266	0.000240	0.001273	0.000066	0.000052	-0.000123	-0.000076	0.000110	0.000132	0.000144	0.002344
103	0.000674	-0.000434	0.000490	0.001303	-0.000010	0.000081	-0.000142	-0.000070	0.000113	0.000142	0.000167	0.001544
104	0.001028	-0.000855	0.000895	0.001536	0.000085	0.000136	-0.000160	-0.000054	0.000119	0.000180	0.000207	0.001821
105	0.000454	-0.002364	0.001738	-0.000090	-0.000500	0.000146	-0.000274	-0.000203	0.000102	0.000180	0.000162	0.002078
106	0.000170	-0.001615	0.001201	-0.000027	-0.000387	0.000094	-0.000276	-0.000192	0.000100	0.000141	0.000114	0.001760
107	0.000072	-0.001768	0.000800	0.000493	-0.000404	0.000066	-0.000190	-0.000279	0.000054	0.000098	0.000126	0.002569
108	0.000302	-0.002365	0.001558	0.000463	-0.000474	0.000127	-0.000285	-0.000290	0.000115	0.000202	0.000147	0.003270
109	0.000342	0.001988	-0.000197	-0.001673	0.000114	-0.000083	0.000097	-0.000160	-0.000088	0.000034	-0.000132	0.002545
110	-0.000004	0.000391	0.000034	-0.000104	-0.000281	-0.000046	0.000366	0.000064	0.000058	-0.000106	0.000009	0.002481
111	-0.000469	0.001001	-0.000574	-0.000711	-0.000055	-0.000138	-0.000093	-0.000063	-0.000057	0.000039	-0.000147	0.002497
112	-0.000020	0.000286	-0.000596	-0.000063	-0.000357	0.000008	0.000228	-0.000214	-0.000016	-0.000131	0.000015	0.003051
113	-0.000015	0.000821	-0.000387	-0.000284	-0.000849	0.000018	0.000037	0.000010	-0.000013	-0.000083	-0.000175	0.000330
114	-0.000549	0.000376	-0.000350	0.000029	0.000088	-0.000082	0.000048	-0.000241	-0.000006	-0.000004	0.000103	0.000394
115	-0.000423	-0.000479	-0.000753	0.000444	0.000121	-0.000019	0.000264	-0.000670	-0.000067	-0.000062	-0.000119	0.003203
116	-0.000858	0.000333	-0.000854	-0.000305	-0.000305	-0.000123	-0.000054	-0.000329	-0.000037	-0.000155	0.000034	0.002460
117	0.070292	0.222176	0.056243	-0.273114	-0.034510	0.001569	0.004553	0.041601	0.002811	-0.002119	-0.002843	0.022757
118	0.865386	1.446370	-0.740405	-1.186410	0.093791	-0.039094	-0.032236	0.040590	-0.001288	0.003085	0.002491	0.003198
119	0.995735	1.376730	-0.747449	-1.131660	0.089574	-0.035725	-0.026267	0.034026	0.002166	0.002663	0.002153	0.003323
120	-0.270766	-0.128318	-0.233521	0.891020	0.056173	-0.089312	0.043988	0.032948	0.006975	0.004486	0.004849	-0.001209
121	0.176797	-0.079995	0.145151	-0.442893	-0.025660	0.034452	-0.011075	-0.017792	-0.002008	-0.004808	-0.004766	0.001092
122	0.093936	0.208246	0.088358	-0.448023	-0.030502	0.054860	-0.032914	-0.015170	-0.004967	0.000325	-0.000084	0.000127
123	-0.215694	-0.168912	-0.259938	0.097542	0.026379	0.026019	-0.205719	0.055667	0.004326	-0.003376	-0.003497	0.002195
124	0.082119	0.187060	0.053308	-0.049616	-0.011648	-0.014738	0.088030	-0.025136	0.026633	-0.012446	-0.010944	-0.000699
125	0.133609	-0.018072	0.206640	-0.048058	-0.014748	-0.011279	0.117683	-0.030507	-0.030960	0.015812	0.014453	-0.001514
126	-0.771523	1.453420	0.866738	-0.453084	0.015817	-0.009726	-0.081611	0.114211	0.005241	-0.009492	-0.009720	0.003305
127	-0.778265	1.526090	0.614956	-0.232392	0.022251	-0.013352	-0.050906	0.112997	-0.005433	-0.007761	-0.008185	0.003715
128	0.001280	0.033753	-0.006137	-0.018782	0.001858	0.000250	0.176566	0.009309	0.057074	-0.049586	-0.049209	0.000163
129	0.014836	-0.027704	-0.012676	0.027702	-0.000196	0.003392	0.202689	-0.000392	-0.055633	0.027116	-0.051384	-0.000474
130	0.016256	-0.027530	-0.015309	0.029126	-0.000278	0.003153	0.204670	-0.000285	-0.056026	-0.051991	0.024878	0.000286
131	-0.011486	0.009203	0.016190	-0.016029	-0.000454	-0.002949	-0.194571	-0.003532	0.067385	0.072885	-0.075813	-0.000005
132	-0.011884	0.007781	0.016620	-0.015065	-0.000481	-0.002726	-0.195553	-0.003197	0.066666	-0.075749	0.073309	0.000017
133	-0.009811	0.005719	0.002289	-0.008376	-0.000447	-0.001310	-0.204693	-0.001965	-0.074539	0.077107	0.077501	0.000015
134	-0.002197	-0.002590	-0.003363	0.010259	0.001998	-0.000856	0.000402	0.004851	-0.000313	-0.000106	0.000219	-0.002977
135	0.000874	0.002703	0.001735	-0.002424	0.000246	-0.000312	-0.000024	0.003527	0.000030	0.000027	0.000071	-0.000788
136	-0.000609	-0.003597	0.001545	0.001771	0.000155	-0.000054	-0.000166	0.000001	0.000073	0.000182	0.000068	0.001233
137	0.000123	-0.002240	0.000706	0.000095	0.000202	-0.000013	-0.000032	-0.000850	0.000019	0.000086	-0.000018	0.001486
138	0.003784	0.010590	0.000603	-0.009696	0.000482	-0.000292	0.000221	0.001671	-0.000143	-0.000055	0.000004	-0.000300
139	-0.002337	-0.001306	-0.002998	0.009153	-0.000562	-0.000257	0.000276	0.000116	-0.000320	-0.000053	-0.000157	-0.002514
140	-0.000022	0.001390	-0.001703	0.002505	-0.000337	0.000020	0.000168	0.000394	-0.000026	0.000001	0.000014	0.000323
141	-0.000815	-0.004097	-0.001014	0.006610	-0.001135	0.000277	-0.000029	-0.000676	0.000035	0.000024	0.000151	0.001998
142	-0.001791	-0.005434	-0.000890	0.008961	-0.001165	0.000153	-0.000200	-0.000980	-0.000008	0.000067	0.000316	0.002173
143	-0.001362	-0.003018	-0.000855	0.005756	-0.000460	-0.000029	-0.000114	-0.000342	-0.000094	-0.000010	0.000127	0.000547
144	0.004585	0.008190	0.003406	-0.015303	0.001526	0.000017	0.000712	0.002657	-0.000050	-0.000480	-0.000798	-0.003271
145	0.000973	0.000554	0.001713	-0.003479	0.002423	0.000037	0.000045	0.000721	-0.000074	-0.000161	-0.000196	-0.000146
146	0.000700	-0.000161	0.000825	-0.001457	-0.000163	0.000090	0.000087	0.000165	-0.000022	-0.000048	-0.000055	0.000880
147	0.000626	-0.000858	0.000590	-0.001494	-0.000209	0.000165	0.000236	-0.000284	-0.000029	0.000097	-0.000058	-0.000317
148	0.000525	0.000487	0.001033	-0.003477	0.000923	0.000103	0.000211	0.000065	-0.000013	-0.000011	-0.000226	-0.002558
149	-0.000332	0.000983	-0.002522	0.005149	-0.001119	-0.000084	0.000243	-0.000446	0.000012	-0.000572	-0.000181	-0.004217
150	-0.000344	-0.000559	-0.001638	0.003004	-0.000636	0.000107	0.000148	-0.000464	-0.000016	-0.000173	-0.000082	-0.002539

151	-0.000759	-0.004006	-0.001497	0.006768	-0.000993	0.000258	-0.000014	-0.001270	-0.000007	0.000020	0.000125	0.001360
152	-0.000641	-0.004254	-0.000861	0.006649	-0.001408	0.000291	-0.000177	-0.000761	-0.000002	-0.000027	0.000118	0.002952
153	-0.000350	-0.001062	-0.000847	0.003394	-0.000787	0.000039	-0.000113	0.000634	-0.000082	-0.000174	0.000118	0.000032
154	0.001008	0.000326	-0.000130	-0.002484	-0.000228	0.000045	0.000575	-0.000708	0.000016	-0.000045	0.000118	0.001165
155	0.000968	-0.003166	0.001044	0.002416	-0.000324	0.000321	0.000359	-0.000217	-0.000103	-0.000055	0.000014	0.001846
156	0.000484	-0.002943	0.000395	0.000348	-0.000763	0.000383	0.000473	-0.000241	-0.000020	-0.000173	-0.000203	0.000602
157	0.000889	-0.001189	0.001085	0.004008	-0.000420	0.000102	0.000451	0.000804	0.000040	-0.000028	0.000118	0.001035
158	-0.007318	-0.007706	0.002889	0.012140	0.000169	0.000220	0.000387	-0.001250	-0.000085	-0.000119	0.000311	-0.000667
159	0.008991	0.018832	0.003059	-0.028016	-0.002975	-0.000075	0.000266	0.003864	-0.000194	-0.000785	0.000226	-0.002850
160	0.005088	0.010635	0.002045	-0.017940	-0.002441	0.000155	-0.000304	0.003063	-0.000099	-0.001389	0.001544	-0.002354
161	-0.006617	0.002060	0.002585	0.002044	0.001091	0.000004	-0.000857	-0.000102	-0.000106	0.005548	-0.005576	-0.000962
162	-0.000268	0.000976	-0.000415	0.000576	0.000022	-0.000026	0.000053	-0.000222	0.000010	-0.000044	-0.000024	-0.001621
163	0.005424	0.030998	0.000773	-0.039475	0.007070	-0.000582	-0.000594	0.006706	-0.001096	0.000618	-0.001588	0.000293
164	-0.001063	-0.005726	0.001403	0.004026	0.000287	-0.000036	-0.000105	0.000117	-0.000022	0.000132	0.000214	0.001800
165	-0.000122	-0.000936	0.000024	0.000811	-0.000043	0.000008	0.000071	0.000114	0.000031	0.000033	-0.000037	-0.000631
166	-0.000898	0.001581	-0.000458	-0.000019	-0.000374	-0.000009	-0.000236	0.000859	0.000097	-0.000093	-0.000062	-0.001086
167	-0.001485	-0.006881	-0.002592	0.011233	-0.001900	0.000371	-0.000099	-0.001269	-0.000038	0.000142	0.000101	0.001907
168	-0.000249	0.000394	-0.000178	0.000177	0.000012	-0.000050	-0.000037	0.000022	0.000004	0.000001	0.000035	0.000701
169	0.003038	0.009649	0.002098	-0.014188	0.002008	-0.000216	0.000458	0.001907	0.000085	-0.000181	-0.000318	-0.003156
170	-0.001306	0.005688	-0.002585	-0.000467	0.001654	-0.000326	0.000231	0.001090	-0.000082	-0.000219	-0.000171	-0.006297
171	-0.000691	-0.000352	-0.000801	0.001902	0.000269	-0.000019	0.000009	-0.000204	-0.000019	0.000072	0.000094	-0.000010
172	-0.001413	0.000538	-0.001623	0.003767	0.000315	-0.000191	-0.000223	0.000239	-0.000040	-0.000109	0.000151	-0.001337
173	-0.001604	-0.006546	-0.002624	0.011010	-0.002012	0.000328	-0.000185	-0.002188	0.000050	-0.000011	0.000225	0.003427
174	-0.000090	-0.000185	-0.000050	0.000069	-0.000120	0.000017	-0.000005	-0.000041	-0.000003	-0.000041	-0.000039	-0.000706
175	0.001604	0.007052	0.001860	-0.011081	0.002397	-0.000334	0.000429	0.001365	-0.000005	0.000102	-0.000275	-0.004437
176	0.001018	0.002521	-0.002947	0.002826	-0.000370	0.000131	0.000054	0.003885	0.000021	-0.000138	-0.000135	0.001962
177	-0.001499	-0.003518	0.000478	0.004404	-0.000115	-0.000261	-0.000268	0.000083	-0.000025	0.000112	0.000528	-0.001473
178	-0.003118	-0.002861	-0.000210	0.005304	-0.000294	-0.000410	-0.000685	-0.001002	-0.000022	0.000156	0.000346	0.001629
179	0.002715	0.005063	-0.000378	-0.005281	-0.000395	0.000054	0.000837	0.000979	-0.000088	-0.000025	-0.000311	-0.001433
180	-0.000257	-0.000817	-0.001009	0.001476	0.001997	-0.000029	-0.000028	-0.001053	-0.000023	0.000289	0.000053	-0.000419
181	0.000264	-0.000901	0.001300	-0.001075	-0.001085	0.000281	-0.000078	0.001222	-0.000033	-0.000259	-0.000094	0.002742
182	-0.000495	-0.000501	0.001315	-0.002395	-0.000571	0.000084	-0.000514	-0.000101	0.000011	-0.000065	-0.000171	-0.001481
183	0.001608	0.001862	0.001548	-0.005856	0.000728	0.000168	0.000681	-0.003438	0.000161	-0.000106	-0.000230	-0.002075
184	0.007221	0.024770	0.002326	-0.027262	-0.001977	0.000032	0.000811	0.003964	-0.000562	0.000467	-0.000518	-0.005130
185	0.013810	0.023624	0.003671	-0.034477	-0.004112	0.000300	0.001243	0.005170	-0.000228	-0.000782	-0.000076	-0.002943
186	-0.001243	-0.008045	-0.000599	0.006433	-0.000338	-0.000153	0.001879	-0.001080	-0.000233	-0.007821	0.008122	0.000589
187	-0.012202	-0.024219	-0.000927	0.035093	0.004192	0.000143	-0.003152	-0.004962	0.000792	0.011147	-0.010980	0.002371
188	-0.004389	0.001571	-0.000881	0.008155	0.002534	-0.000387	-0.000814	-0.002304	0.000326	-0.002816	0.003052	0.005272
189	0.000284	-0.000605	0.000608	-0.001217	0.000039	-0.000096	-0.001646	0.000129	-0.001962	0.023612	-0.022139	0.000146
190	-0.000151	-0.001394	0.000588	-0.000466	0.000021	0.000041	0.000108	-0.000924	0.000000	-0.000006	-0.000073	0.000148
191	-0.000547	-0.000400	0.001003	-0.000692	0.000031	0.000046	-0.000796	-0.000165	-0.000014	0.000145	0.000179	0.000142
192	0.000084	0.000710	-0.000526	-0.000029	-0.000015	-0.000029	-0.000184	0.000103	-0.000063	0.000127	-0.000043	-0.000047
193	0.000019	-0.000082	-0.000008	0.000093	0.000022	0.000011	-0.000002	0.000048	-0.000010	0.000014	-0.000038	0.000033
194	0.000033	0.000391	0.000793	-0.000733	0.000057	0.000063	-0.000458	0.000357	0.000049	0.000076	0.000117	0.000063
195	0.000350	0.000653	-0.000055	-0.000790	-0.000001	-0.000020	-0.000058	-0.000294	-0.000015	0.000085	0.000020	-0.000096
196	-0.000008	-0.000540	-0.000015	0.000011	-0.000014	0.000000	-0.000025	-0.000155	0.000098	-0.000011	-0.000019	0.000005
197	-0.000020	0.000198	0.000548	-0.000563	0.000032	0.000034	-0.000394	0.000106	0.000045	0.000054	0.000128	-0.000009
198	0.000056	0.000277	0.000094	-0.000286	0.000017	0.000015	-0.000218	0.000070	-0.000003	0.000077	0.000027	-0.000019
199	0.000058	0.000203	0.000113	-0.000216	0.000020	0.000005	-0.000119	0.000049	0.000000	0.000063	0.000033	-0.000016
200	-0.000055	-0.000122	-0.000337	0.000370	-0.000007	-0.000018	0.000146	-0.000139	-0.000038	0.000006	-0.000058	0.000021

201	-0.000250	-0.000138	0.000200	-0.000220	-0.000162	-0.000002	-0.000212	0.000040	0.000002	0.000029	0.000008	0.000074
202	0.000094	0.000067	0.000438	-0.000333	0.000096	0.000057	-0.000332	0.000039	0.000002	0.000068	0.000125	0.000045
203	-0.000320	-0.000139	0.000115	0.000174	0.000024	-0.000027	-0.000132	-0.000037	0.000017	0.000019	0.000021	0.000081
204	-0.000553	0.000171	-0.000123	-0.000111	-0.000182	-0.000065	-0.000291	0.000009	0.000042	0.000053	0.000019	-0.000050
205	0.000591	0.000834	0.000371	-0.001061	-0.000002	0.000087	-0.000259	0.000170	0.000022	0.000059	0.000120	0.000076
206	0.000293	-0.000246	0.000536	-0.000036	0.000137	0.000047	-0.000001	-0.000007	-0.000012	-0.000049	0.000023	0.000012
207	-0.000277	-0.000072	-0.000194	0.000153	-0.000072	-0.000044	-0.000047	-0.000038	0.000012	-0.000022	-0.000048	0.000046
208	-0.000044	0.000093	0.000143	-0.000240	-0.000014	0.000012	-0.000193	0.000023	0.000019	0.000048	0.000037	0.000023
209	-0.000063	0.000114	0.000141	-0.000231	-0.000018	0.000001	-0.000219	0.000022	0.000015	0.000057	0.000049	0.000007
210	0.000265	0.000222	0.000285	-0.000420	0.000085	0.000059	-0.000176	0.000061	-0.000004	0.000048	0.000079	-0.000007
211	-0.000158	0.000218	0.000126	0.000049	0.000291	-0.000022	0.000052	0.000040	0.000015	-0.000037	-0.000011	-0.000005
212	-0.000112	0.000230	0.000132	-0.000025	-0.000065	0.000017	-0.000103	0.000113	0.000026	-0.000005	0.000008	-0.0000573
213	0.000094	0.000097	0.000363	-0.000321	0.000154	0.000028	-0.000230	0.000003	-0.000012	0.000127	0.000110	0.000165
214	-0.000010	0.000069	0.000119	0.000047	0.000236	-0.000018	-0.000061	-0.000035	-0.000010	0.000048	0.000049	0.000496
215	-0.000053	0.000648	-0.000098	-0.000037	0.000337	-0.000028	-0.000205	0.000070	0.000023	-0.000013	0.000013	-0.000067
216	0.000582	0.000615	0.000321	-0.000783	0.000343	0.000082	-0.000234	0.000164	0.000001	0.000051	0.000057	0.000057
217	0.000153	-0.000459	0.000338	-0.000321	-0.000681	0.000043	0.000073	-0.000048	-0.000022	0.000011	-0.000003	0.000359
218	-0.000125	0.000090	-0.000082	0.000153	0.000020	-0.000029	0.000011	-0.000007	0.000005	-0.000017	-0.000012	-0.001129
219	-0.000002	0.000176	0.000152	-0.000205	0.000036	0.000014	-0.000167	0.000027	0.000001	0.000024	0.000046	0.000011
220	0.000034	0.000203	0.000157	-0.000185	0.000084	-0.000002	-0.000200	0.000039	0.000000	0.000048	0.000058	0.000132
221	0.000305	0.000173	0.000168	-0.000402	0.000101	0.000036	-0.000137	0.000034	-0.000014	0.000043	0.000050	0.000038
222	0.000092	-0.000083	0.000082	-0.000158	0.000283	0.000013	0.000116	0.000001	-0.000019	-0.000035	-0.000038	0.000091
223	0.000039	-0.000365	0.000912	-0.000244	0.000028	0.000010	0.000063	0.000019	0.000063	0.000091	-0.000058	-0.000011
224	0.000149	0.000271	0.000700	-0.000957	0.000083	0.000063	-0.000528	0.000071	0.000125	0.000235	0.000063	0.000116
225	-0.000427	-0.000374	-0.000516	-0.000114	-0.000023	-0.000041	-0.000413	-0.000194	0.000000	-0.000035	0.000111	-0.000049
226	-0.000115	-0.000171	0.000108	-0.000090	-0.000037	-0.000011	-0.000066	0.000111	0.000011	0.000012	0.000017	0.000027
227	0.000148	0.000433	0.000607	-0.000998	0.000039	0.000034	-0.000375	0.000173	0.000050	0.000163	0.000052	-0.000039
228	-0.000272	-0.000432	0.000098	-0.000298	0.000018	-0.000028	-0.000231	-0.000245	0.000000	0.000006	0.000082	0.000142
229	-0.000077	-0.000399	0.000384	0.000407	-0.000021	-0.000011	0.000065	0.000281	0.000073	0.000105	-0.000046	-0.000025
230	0.000125	0.000313	0.000484	-0.000578	0.000048	0.000060	-0.000278	0.000097	0.000043	0.000129	0.000035	-0.000004
231	-0.000049	0.000089	0.000052	-0.000386	0.000016	0.000000	-0.000282	-0.000010	0.000004	0.000025	0.000076	0.000008
232	-0.000014	0.000049	0.000081	-0.000253	0.000001	0.000000	-0.000167	-0.000006	0.000004	0.000024	0.000062	0.000022
233	-0.000223	-0.000338	-0.000325	0.000332	-0.000045	-0.000042	0.000048	-0.000112	-0.000041	-0.000058	0.000017	0.000019
234	0.000531	0.001874	0.001538	-0.002104	0.000146	0.000123	-0.000872	0.001074	0.000188	0.000024	0.000239	-0.000055
235	-0.000328	-0.002785	0.002801	-0.001278	0.000032	0.000075	-0.000235	-0.001184	0.000226	-0.000030	0.000471	0.000097
236	-0.000089	-0.000578	-0.001815	0.001247	-0.000106	-0.000115	0.000810	-0.000874	-0.000206	0.000005	-0.000381	-0.000025
237	-0.000405	0.000973	-0.001586	0.000831	-0.000049	-0.000060	-0.000281	0.000072	-0.000205	0.000169	-0.000158	0.000016
238	0.000023	-0.000373	0.000687	-0.000096	0.000021	0.000038	-0.000023	0.000215	0.000100	-0.000104	0.000106	0.000024
239	0.000079	-0.000353	0.000075	0.000317	0.000000	-0.000002	0.000283	0.000134	0.000031	-0.000087	-0.000039	0.000028
240	-0.000050	0.000263	0.000530	-0.000563	0.000028	0.000036	-0.000420	0.000164	0.000032	0.000067	0.000123	-0.000004
241	-0.000038	0.000111	0.000645	-0.000541	0.000032	0.000037	-0.000342	0.000168	0.000047	0.000038	0.000119	0.000009
242	0.000042	0.000229	-0.000574	0.000364	-0.000020	-0.000040	0.000150	-0.000051	-0.000041	0.000027	-0.000060	-0.000047
243	0.000035	0.000311	-0.000380	0.000147	-0.000009	-0.000027	0.000021	-0.000014	-0.000031	0.000041	-0.000023	-0.000031
244	0.000189	0.000227	-0.000665	0.000572	-0.000018	-0.000009	0.000310	0.000225	-0.000036	-0.000051	-0.000136	-0.000005
245	0.000009	0.000095	-0.001252	0.001099	-0.000058	-0.000056	0.000595	0.000065	-0.000105	-0.000100	-0.000262	-0.000008
246	0.003314	0.000724	0.001545	-0.002279	0.000524	0.000522	0.000531	0.000481	-0.000108	-0.000061	0.000070	-0.000083
247	0.000063	0.000043	0.000755	-0.000299	0.000320	0.000084	-0.000527	-0.000029	-0.000006	0.000145	0.000282	0.000237
248	-0.001051	-0.000649	-0.000693	0.001243	-0.000186	-0.000181	0.000174	-0.000221	0.000000	-0.000069	-0.000137	-0.000066
249	-0.000734	-0.000541	-0.000253	0.000806	-0.000037	-0.000095	0.000021	-0.000135	0.000008	-0.000036	-0.000056	-0.000013
250	-0.000249	0.000108	-0.000164	-0.000034	-0.000091	-0.000042	-0.000080	0.000012	0.000010	0.000016	-0.000017	0.000034

251	-0.000286	0.000074	-0.000280	0.000057	-0.000139	-0.000057	-0.000027	-0.000003	0.000024	0.000006	-0.000045	-0.000001
252	0.000414	0.000226	0.000281	-0.000436	0.000076	0.000069	-0.000089	0.000069	0.000002	0.000049	0.000078	-0.000003
253	0.000307	0.000303	0.000210	-0.000484	0.000026	0.000046	-0.000172	0.000066	0.000005	0.000057	0.000081	-0.000009
254	0.000045	-0.000293	0.000124	0.000304	0.000161	0.000037	0.000161	-0.000048	-0.000024	-0.000038	-0.000024	0.000013
255	0.000575	-0.000032	0.000305	-0.000072	0.000268	0.000116	0.000211	0.000032	-0.000038	-0.000044	0.000033	0.000016
256	-0.001371	0.000503	-0.001070	0.000255	-0.000573	-0.000260	-0.000376	-0.000095	0.000091	0.000061	-0.000049	-0.000044
257	-0.001025	-0.000465	-0.000760	0.000941	-0.000349	-0.000239	0.000174	-0.000128	0.000035	-0.000087	-0.000214	-0.000085
258	0.000959	-0.001903	0.001484	-0.001898	-0.001994	0.000382	0.000092	0.000455	-0.000080	-0.000074	-0.000049	-0.000132
259	0.000353	0.000803	0.000120	-0.000593	0.000657	-0.000001	-0.000324	-0.000164	-0.000038	0.000268	0.000202	-0.001615
260	-0.000601	-0.000172	-0.000539	0.001106	0.000274	-0.000131	0.000254	-0.000194	0.000012	-0.000066	-0.000072	0.000202
261	-0.000259	-0.000246	-0.000123	0.000635	0.000265	-0.000066	0.000085	-0.000131	0.000011	0.000009	-0.000009	0.001575
262	-0.000078	0.000414	-0.000158	-0.000009	0.000089	-0.000021	-0.000057	0.000043	0.000022	-0.000019	0.000000	-0.000558
263	-0.000132	0.000322	-0.000203	0.000112	0.000058	-0.000033	-0.000011	0.000028	0.000022	-0.000042	-0.000017	-0.000450
264	0.000173	-0.000045	0.000277	-0.000309	-0.000021	0.000044	-0.000123	0.000055	-0.000009	0.000069	0.000058	0.000149
265	0.000159	0.000132	0.000201	-0.000347	0.000049	0.000026	-0.000199	0.000052	-0.000009	0.000056	0.000051	-0.000009
266	-0.000018	-0.000407	0.000043	0.000061	-0.000054	0.000014	0.000126	-0.000070	-0.000028	-0.000019	-0.000023	0.000195
267	0.000338	-0.000438	0.000146	-0.000237	-0.000009	0.000066	0.000162	-0.000032	-0.000044	0.000011	-0.000011	0.000103
268	-0.000125	0.001677	-0.000801	0.000479	0.001044	-0.000148	-0.000176	0.000019	0.000096	-0.000031	0.000000	0.000149
269	-0.000765	-0.000136	-0.000447	0.000999	-0.000352	-0.000131	0.000172	-0.000061	0.000045	-0.000160	-0.000129	0.000392
270	0.000260	0.000994	0.001484	-0.002226	0.000056	0.000114	-0.000578	0.000557	0.000113	0.000363	0.000017	0.000116
271	0.002010	0.001556	0.002546	-0.000405	0.000366	0.000256	0.000547	0.000143	0.000184	0.000352	-0.000084	0.000101
272	-0.000850	-0.001340	-0.001530	0.001459	-0.000163	-0.000194	0.000201	-0.000509	-0.000125	-0.000377	0.000016	-0.000023
273	-0.001243	-0.001067	-0.001776	0.000289	-0.000133	-0.000133	-0.000665	-0.000469	-0.000086	-0.000179	0.000156	-0.000004
274	0.000458	0.000434	0.000766	-0.000046	0.000071	0.000090	0.000299	0.000296	0.000055	0.000131	-0.000108	-0.000023
275	0.000214	0.000078	0.000237	0.000311	-0.000002	0.000019	0.000357	0.000188	0.000006	-0.000009	-0.000077	-0.000034
276	0.000260	0.000530	0.000292	-0.000724	0.000041	0.000046	-0.000304	0.000070	0.000042	0.000112	0.000045	-0.000009
277	0.000313	0.000519	0.000451	-0.000627	0.000038	0.000047	-0.000196	0.000118	0.000047	0.000118	0.000036	-0.000008
278	-0.000290	-0.000356	-0.000536	0.000405	-0.000033	-0.000040	-0.000014	-0.000177	-0.000040	-0.000105	0.000044	0.000034
279	-0.000268	-0.000269	-0.000387	0.000218	-0.000004	-0.000039	-0.000099	-0.000142	-0.000035	-0.000069	0.000049	0.000065
280	-0.000262	-0.000344	-0.000495	0.000426	-0.000087	-0.000053	0.000146	0.000041	-0.000058	-0.000107	-0.000032	-0.000110
281	-0.000601	-0.000732	-0.001048	0.000916	-0.000149	-0.000112	0.000305	-0.000115	-0.000102	-0.000230	-0.000062	-0.000107
282	0.000172	0.000493	-0.000044	0.000172	-0.000095	0.000042	0.000095	0.000541	0.000045	-0.000062	-0.000005	0.000059
283	-0.000067	-0.000124	0.000143	-0.000109	-0.000018	0.000017	-0.000046	-0.000026	-0.000010	-0.000023	0.000030	0.000011
284	-0.000082	-0.000074	0.000146	-0.000023	0.000013	-0.000002	-0.000103	0.000001	0.000003	0.000030	0.000005	0.000012
285	-0.000184	-0.000311	0.000198	-0.000135	-0.000001	-0.000002	-0.000147	-0.000145	-0.000003	0.000017	0.000012	-0.000002
286	-0.000129	-0.000255	0.000167	-0.000334	-0.000001	-0.000007	-0.000157	-0.000230	-0.000008	0.000014	0.000005	-0.000052
287	-0.000401	-0.001028	0.000621	-0.000599	0.000013	0.000000	-0.000310	-0.000561	-0.000011	0.000012	0.000043	-0.000081
288	0.000366	0.000570	0.000111	-0.000367	0.000129	0.000013	-0.000005	0.000179	-0.000014	0.000039	-0.000056	0.000026
289	0.000529	0.000803	0.000290	-0.000122	0.000131	0.000056	0.000027	0.000124	0.000010	-0.000008	0.000065	0.000057
290	-0.000085	-0.000254	-0.000128	-0.000006	-0.000028	-0.000008	0.000016	-0.000025	-0.000004	0.000007	-0.000024	-0.000013
291	-0.000088	-0.000181	-0.000117	0.000012	-0.000023	-0.000009	0.000032	-0.000029	-0.000004	0.000005	-0.000030	-0.000031
292	-0.000030	-0.000075	-0.000065	0.000105	-0.000030	-0.000004	0.000058	-0.000026	0.000000	-0.000002	-0.000007	-0.000062
293	0.000115	0.000126	0.000021	-0.000035	-0.000020	0.000020	0.000026	0.000007	0.000006	-0.000007	0.000029	-0.000105
294	-0.000034	0.000273	-0.000154	-0.000114	-0.000234	-0.000026	-0.000070	-0.000052	-0.000007	0.000004	-0.000065	-0.000051
295	-0.000325	-0.000040	-0.000177	0.000165	-0.000493	-0.000057	-0.000043	-0.000040	0.000015	-0.000020	-0.000010	0.000091
296	0.000093	0.000020	0.000042	0.000024	0.000201	0.000013	0.000020	0.000005	-0.000001	0.000019	0.000005	0.000018
297	0.000077	0.000018	0.000061	-0.000009	0.000139	0.000011	0.000008	0.000016	-0.000002	0.000018	-0.000004	-0.000036
298	0.000024	0.000040	0.000051	-0.000049	0.000001	0.000007	-0.000014	0.000019	-0.000004	0.000013	0.000004	0.000013
299	-0.000085	-0.000121	0.000019	0.000196	-0.000091	-0.000003	0.000020	-0.000005	0.000005	0.000009	0.000006	-0.000012
300	0.000035	-0.000027	0.000179	0.000229	-0.000147	-0.000024	-0.000026	-0.000020	0.000074	0.000017	0.000045	-0.000019

301	-0.000088	-0.000278	-0.000161	0.000216	-0.000027	-0.000012	-0.000003	-0.000087	-0.000028	-0.000038	0.000030	0.000103
302	0.000059	0.000082	-0.000104	0.000021	0.000011	-0.000002	0.000098	0.000015	-0.000019	-0.000031	-0.000017	-0.000064
303	0.000063	-0.000006	-0.000287	0.000133	0.000017	0.000002	0.000101	-0.000034	-0.000054	-0.000065	0.000014	-0.000014
304	0.000139	0.000081	-0.000378	0.000067	0.000035	0.000006	0.000119	-0.000048	-0.000078	-0.000082	0.000020	0.000000
305	0.000054	-0.000116	-0.000956	0.000186	0.000066	-0.000006	0.000057	-0.000146	-0.000183	-0.000172	0.000076	-0.000028
306	-0.000915	-0.001587	0.001516	-0.002495	-0.000023	0.000049	-0.000735	-0.001648	-0.000160	0.000007	0.000101	-0.000045
307	-0.000356	-0.000975	0.000490	-0.000534	-0.000059	0.000013	-0.000132	-0.000507	-0.000017	-0.000064	0.000028	0.000005
308	0.000115	0.000566	-0.000122	0.000299	0.000006	0.000019	-0.000055	0.000450	0.000019	0.000034	0.000006	0.000046
309	0.000170	0.000327	-0.000194	0.000135	-0.000001	-0.000013	0.000145	0.000142	0.000011	-0.000004	-0.000027	-0.000012
310	-0.000030	-0.000134	-0.000046	0.000030	-0.000006	-0.000003	0.000043	-0.000105	-0.000008	-0.000012	-0.000004	0.000015
311	-0.000099	-0.000181	0.000146	-0.000033	0.000020	0.000005	-0.000083	-0.000048	-0.000005	0.000014	0.000013	0.000027
312	0.000201	0.000402	-0.000276	0.000111	0.000040	-0.000021	0.000084	0.000075	0.000001	0.000032	-0.000016	-0.000079
313	0.001481	0.001933	0.000428	-0.000262	0.000202	0.000131	0.000169	0.000262	0.000052	-0.000019	0.000168	-0.000138
314	-0.000070	-0.000020	-0.000048	-0.000216	0.000057	-0.000020	-0.000027	0.000038	-0.000015	0.000023	-0.000071	0.000015
315	0.000137	0.000143	0.000035	-0.000083	0.000037	0.000019	-0.000001	0.000036	-0.000003	0.000011	0.000011	0.000016
316	0.000003	0.000002	-0.000010	0.000069	-0.000030	-0.000001	0.000023	0.000001	0.000008	-0.000003	0.000006	0.000003
317	-0.000153	-0.000256	-0.000082	0.000053	-0.000009	-0.000027	-0.000008	-0.000040	-0.000011	-0.000006	-0.000040	-0.000001
318	-0.000245	-0.000277	-0.000069	-0.000131	-0.000022	-0.000010	-0.000085	-0.000032	-0.000002	0.000020	-0.000006	0.000038
319	0.000319	0.000407	0.000173	0.000311	-0.000032	0.000039	0.000095	-0.000003	0.000023	-0.000045	0.000101	-0.000068
320	-0.000416	0.000118	-0.000454	0.000036	-0.001774	-0.000116	0.000045	-0.000052	0.000046	-0.000015	-0.000008	-0.001047
321	0.000074	0.000031	0.000068	-0.000047	0.000169	0.000014	-0.000005	0.000005	-0.000004	0.000006	-0.000040	-0.000041
322	-0.000024	0.000026	-0.000062	0.000063	-0.000035	-0.000006	0.000003	-0.000024	0.000004	0.000006	-0.000005	0.000042
323	0.000006	0.000070	-0.000012	-0.000087	-0.000059	-0.000010	-0.000020	0.000010	-0.000003	0.000001	0.000003	-0.000014
324	0.000092	0.000028	0.000039	-0.000081	0.000125	0.000019	0.000004	0.000009	-0.000007	-0.000001	0.000002	-0.000058
325	0.000108	-0.000148	0.000098	0.000102	0.000353	0.000028	0.000064	0.000006	0.000006	0.000004	-0.000003	0.000056
326	-0.000255	-0.000011	-0.000130	0.000052	-0.000548	-0.000044	-0.000044	-0.000006	0.000004	-0.000016	0.000042	0.000013
327	-0.000129	-0.000849	-0.001994	0.001277	0.000140	-0.000053	0.000214	-0.000204	-0.000404	-0.000352	0.000208	0.000240
328	0.000097	-0.000013	-0.000885	0.000136	-0.000011	-0.000011	-0.000101	-0.000143	-0.000124	-0.000144	0.000115	0.000054
329	0.000008	-0.000048	0.000423	0.000152	-0.000038	-0.000003	0.000189	0.000047	0.000058	0.000039	-0.000046	-0.000051
330	-0.000015	0.000094	0.000248	-0.000127	-0.000016	0.000001	-0.000077	0.000055	0.000058	0.000061	-0.000024	0.000004
331	-0.000017	0.000023	0.000002	-0.000076	0.000012	0.000004	-0.000054	0.000005	0.000003	0.000003	0.000002	-0.000001
332	0.000031	0.000045	-0.000117	-0.000006	0.000011	-0.000002	0.000029	0.000006	-0.000023	-0.000015	0.000005	-0.000036
333	-0.000104	-0.000101	0.000332	-0.000076	0.000042	0.000010	0.000015	0.000030	0.000030	0.000056	-0.000054	0.000029

	61	62	63	64	65	66	67	68	69	70	71	72
1	0.042323	0.030182	0.111809	0.119089	-0.088400	-0.094754	-0.065807	-0.054634	-0.012740	-0.006892	-0.001806	-0.006201
2	0.003209	0.013138	-0.073291	-0.074402	0.039891	0.039968	0.030402	0.021627	0.007357	-0.001730	0.010629	-0.004245
3	0.053494	-0.019139	-0.071858	-0.000677	0.046360	0.019323	-0.027592	0.000309	0.005963	-0.012248	-0.002496	0.012247
4	-0.009549	0.057593	0.002623	-0.064353	0.011277	0.038015	-0.005037	-0.030755	0.005885	0.017681	-0.005706	-0.016647
5	-0.042323	-0.020253	0.031706	0.043482	-0.013311	-0.040132	0.023581	0.016379	0.001361	0.001055	-0.007911	0.004307
6	-0.030929	-0.045888	0.032884	0.030617	-0.026591	-0.014950	0.024070	0.030011	0.001771	0.007057	-0.005035	-0.002628
7	-0.126159	-0.108885	-0.123477	-0.114560	0.048639	0.104359	0.121280	0.088785	0.013312	0.008180	0.009312	0.005020
8	-0.041981	0.023751	0.019152	-0.014721	-0.018469	0.005069	0.044942	-0.015634	-0.076511	-0.003265	-0.025636	0.106866
9	-0.012141	-0.011020	0.013357	-0.011348	-0.001623	0.013582	-0.003592	0.007687	0.114061	-0.021687	-0.004589	-0.086317
10	0.004184	-0.012763	-0.007920	0.031399	0.006751	-0.023945	-0.004518	0.001422	0.118066	-0.087196	-0.011212	-0.021501
11	0.014722	-0.020794	0.003935	0.012349	-0.008263	-0.009343	-0.011901	0.021434	-0.083573	0.114401	-0.025285	-0.006264
12	-0.023383	0.021960	0.008892	-0.023149	-0.006509	0.026690	0.017419	-0.024484	-0.024699	0.111515	-0.082157	-0.003443
13	0.013631	0.004741	-0.006712	-0.005223	-0.010929	0.003020	0.007842	-0.001770	-0.003528	-0.083436	0.102959	-0.016175
14	0.004999	0.003702	-0.016310	-0.011632	0.018261	0.003440	-0.005979	0.008283	-0.001026	-0.019710	0.111357	-0.088428

15	0.020322	-0.001475	0.010060	-0.007263	-0.008566	0.010533	-0.020369	-0.005417	-0.026562	-0.007020	-0.085136	0.116502
16	0.013202	-0.003421	-0.004845	0.002330	-0.003489	-0.001789	0.001805	0.001487	-0.092710	-0.060111	0.025348	0.127253
17	-0.037970	0.012461	0.019549	-0.035260	0.002336	0.021181	0.015924	-0.011462	0.164590	-0.156151	-0.163285	0.157341
18	0.022215	-0.008262	-0.009562	0.007338	-0.000662	-0.002183	-0.018629	0.001885	0.125055	0.024608	-0.058728	-0.092702
19	0.007962	0.009117	0.006912	-0.006114	-0.005313	0.000157	-0.010981	-0.009356	0.126030	-0.094113	-0.060985	0.026722
20	0.004801	-0.028431	-0.016665	0.000804	0.004936	0.004403	-0.007446	0.023114	0.166068	0.161170	-0.165281	-0.159617
21	-0.013457	0.017797	-0.003534	-0.006111	0.006944	0.002831	0.008632	-0.008306	-0.093524	0.127788	0.027337	-0.060642
22	0.008180	-0.019311	-0.003124	0.000333	0.000923	0.005928	-0.012825	0.014652	0.024742	0.130595	-0.092487	-0.062034
23	-0.041305	0.044517	-0.008272	0.009074	0.001765	-0.003065	0.048190	-0.037526	-0.164662	0.160566	0.168183	-0.163136
24	0.017071	-0.005580	-0.003707	0.021336	0.004192	-0.020040	-0.011117	0.005562	-0.057548	-0.092748	0.121456	0.026867
25	-0.011664	0.013490	0.004126	0.002668	0.000741	-0.003963	0.008102	-0.006008	-0.056778	0.027544	0.127032	-0.097869
26	0.016020	-0.019591	-0.004177	-0.003669	0.006262	0.008132	-0.003945	0.015232	-0.161491	-0.161288	0.162761	0.162274
27	-0.006483	0.002406	0.015515	-0.013477	-0.012908	0.005117	0.005579	-0.000507	0.023887	-0.062367	-0.095288	0.133483
28	0.021159	-0.019070	-0.013187	-0.022580	0.009994	0.011773	-0.043216	0.004607	0.898454	-0.322708	-0.311442	-0.265847
29	0.017905	-0.005137	-0.032032	0.008755	0.016381	-0.013734	-0.030237	-0.013332	0.906520	-0.269957	-0.319257	-0.320991
30	-0.012494	-0.015567	-0.016348	-0.020133	0.007969	0.027432	-0.007326	0.031708	-0.263783	0.909449	-0.327688	-0.312321
31	-0.042780	0.009728	-0.026812	-0.005020	0.017153	0.013498	0.026991	0.007313	-0.321234	0.906137	-0.268792	-0.309948
32	0.015971	0.003156	0.023342	0.035926	-0.014751	-0.024683	0.000423	0.010896	-0.306375	-0.267945	0.893988	-0.322229
33	0.012840	-0.003186	0.009548	0.041816	0.004384	-0.031602	0.000586	0.016091	-0.304835	-0.323517	0.894407	-0.267203
34	0.015604	-0.045549	0.004326	-0.031042	-0.002787	0.022793	0.010798	0.030095	-0.322555	-0.313508	-0.270268	0.911610
35	-0.014820	-0.024741	-0.018580	-0.028849	0.025571	0.016718	0.033052	0.011113	-0.263001	-0.307608	-0.325597	0.903846
36	-0.000539	0.002116	0.001783	0.000161	-0.001672	-0.000047	0.000120	-0.001717	-0.001943	0.008928	0.003924	-0.011207
37	-0.001218	0.001264	0.000164	0.000635	0.001139	-0.000359	0.000240	-0.001040	-0.010841	0.003491	0.008917	-0.001567
38	0.000517	-0.001094	-0.001029	0.000831	0.001553	0.000095	-0.000450	0.000488	-0.011659	-0.001787	0.009539	0.004059
39	0.001124	-0.000485	-0.000093	0.000817	0.000325	-0.000497	-0.000790	-0.000225	-0.001809	-0.011216	0.003609	0.009311
40	0.001263	-0.000197	0.000691	-0.000284	-0.001408	0.000391	-0.000205	-0.000421	0.003368	-0.011187	-0.001448	0.009112
41	0.001089	-0.001334	-0.000482	-0.001018	-0.001046	0.000907	0.000102	0.000932	0.009207	-0.001509	-0.011152	0.003534
42	0.000226	0.000341	-0.001070	0.000112	0.000468	-0.001041	-0.000145	0.000299	0.008591	0.003227	-0.010528	-0.001327
43	-0.000867	0.001774	-0.000323	0.000716	0.000114	-0.001086	0.000517	-0.001088	0.003546	0.009163	-0.001303	-0.011541
44	0.006548	-0.008414	-0.008807	0.006085	0.009351	-0.002373	-0.008964	0.003098	0.058972	-0.016841	-0.025138	-0.016894
45	-0.003332	0.001502	0.001050	-0.002427	-0.001688	0.003966	0.002187	-0.001434	-0.016420	0.057677	-0.017191	-0.023775
46	0.006151	-0.002812	-0.004373	0.000257	0.002108	-0.004401	-0.002202	0.008636	-0.023245	-0.015899	0.056723	-0.017204
47	-0.001074	-0.000836	0.001504	-0.003405	-0.001617	0.000655	0.002990	0.001813	-0.016227	-0.024751	-0.018466	0.059777
48	-0.049431	0.012277	0.004239	-0.032192	0.052788	0.037464	-0.007564	-0.017431	0.005201	0.002488	-0.000063	-0.001705
49	0.010167	-0.006847	-0.003109	0.006808	-0.031007	-0.006583	0.024021	0.006446	-0.002513	-0.000713	0.000227	0.002368
50	0.064816	-0.014856	-0.023089	0.043440	-0.039222	-0.049953	-0.002507	0.021387	-0.006672	-0.003240	0.000686	0.002846
51	0.004297	-0.003628	-0.000155	-0.001715	-0.005737	0.001498	0.001603	0.003787	-0.000995	0.000562	-0.001613	0.002150
52	-0.080566	0.032319	0.032353	-0.047777	0.029248	0.045374	0.018969	-0.029948	0.005937	0.004544	0.000950	-0.005641
53	0.013723	-0.006180	-0.004108	0.010339	0.020601	-0.008778	-0.030352	0.004770	0.000460	0.000557	-0.002490	0.000205
54	-0.001840	-0.000269	-0.000407	-0.001316	0.001985	0.001875	0.000267	-0.000283	0.000157	0.000138	0.000092	-0.000038
55	-0.000759	0.000342	0.002547	0.000623	-0.007552	-0.001292	0.005770	0.000272	-0.000239	-0.000179	0.000008	0.000159
56	0.013235	-0.004632	-0.002126	0.011291	-0.016303	-0.012083	0.005230	0.005462	-0.004009	0.000676	0.000828	0.000903
57	-0.001570	0.001048	0.001279	-0.001353	-0.002104	0.000669	0.002396	-0.000386	0.000092	0.000042	-0.000070	-0.000010
58	0.000214	-0.001366	-0.001167	0.000340	0.001788	0.000030	-0.000837	0.001006	0.000100	-0.000029	0.000044	0.000065
59	-0.002780	0.001329	0.001286	-0.002156	0.000011	0.002216	0.001496	-0.001397	0.000038	0.000124	0.000048	0.000001
60	0.020978	0.025805	-0.035119	-0.036575	0.054917	0.038551	-0.010389	-0.007173	0.002979	-0.002265	0.007244	-0.003822
61	0.646014	-0.000829	-0.266522	0.168390	-0.026784	-0.181891	-0.293273	0.015624	-0.010003	-0.022312	-0.022034	0.009949
62	-0.000829	0.609000	0.134912	-0.297391	-0.143257	0.005676	0.010161	-0.247220	-0.013358	0.005917	0.002835	-0.029487
63	-0.266522	0.134912	0.585518	0.049892	-0.268434	-0.022404	-0.049407	-0.165217	-0.015096	-0.029031	-0.006024	0.004079
64	0.168390	-0.297391	0.049892	0.656403	-0.035717	-0.285971	-0.184026	-0.030945	-0.039660	0.007918	0.008772	-0.025847

65	-0.026784	-0.143257	-0.268434	-0.035717	0.529726	0.024792	-0.344796	0.158679	0.005054	0.017475	0.016620	0.004202
66	-0.181891	0.005676	-0.022404	-0.285971	0.024792	0.648602	0.182502	-0.279378	0.019052	0.000602	0.009163	0.015293
67	-0.293273	0.010161	-0.049407	-0.184026	-0.344796	0.182502	0.479382	-0.011608	-0.004888	0.009001	0.036703	0.006485
68	0.015624	-0.247220	-0.165217	-0.030945	0.158679	-0.279378	-0.011608	0.538344	0.011064	0.008334	0.002480	0.017043
69	-0.010003	-0.013358	-0.015096	-0.039660	0.005054	0.019052	-0.004888	0.011064	0.730857	-0.159187	-0.409037	-0.159856
70	-0.022312	0.005917	-0.029031	0.007918	0.017475	0.000602	0.009001	0.008334	-0.159187	0.728067	-0.162915	-0.402510
71	-0.022034	0.002835	-0.006024	0.008772	0.016620	0.009163	0.036703	0.002480	-0.409037	-0.162915	0.743285	-0.165421
72	0.009949	-0.029487	0.004079	-0.025847	0.004202	0.015293	0.006485	0.017043	-0.159856	-0.402510	-0.165421	0.731466
73	0.001389	0.022540	0.010385	0.012971	-0.012255	-0.005561	0.008247	-0.009431	-0.374559	0.196843	0.313165	-0.137122
74	-0.003246	-0.008434	-0.000013	-0.014015	0.002323	0.007457	0.003259	0.006902	0.063038	-0.114914	-0.084646	0.138288
75	-0.003260	-0.004206	0.002206	-0.016159	-0.004363	0.007458	0.002760	0.004805	0.142394	-0.080852	-0.118828	0.058232
76	-0.009681	0.000160	-0.001512	0.051500	-0.004849	-0.025760	0.008685	-0.005362	-0.140712	0.305093	0.204496	-0.371211
77	0.014984	-0.019117	0.023237	0.031788	-0.005533	-0.026628	-0.010433	0.007239	-0.142795	-0.370326	0.202462	0.370303
78	0.004243	-0.006363	-0.000769	-0.006523	-0.006661	0.003352	-0.005687	0.007045	0.143340	0.058620	-0.120745	-0.081364
79	-0.000909	-0.005401	-0.004076	-0.003560	-0.001384	0.002986	-0.002494	0.008124	0.063648	0.138486	-0.085329	-0.116097
80	-0.004339	0.029563	0.001913	0.028407	0.008873	-0.021048	0.016095	-0.029640	-0.379998	-0.134542	0.315836	0.196306
81	0.038858	-0.065069	0.012141	-0.051513	-0.027734	0.049386	-0.031055	0.046825	0.309762	-0.131668	-0.374661	0.199861
82	-0.019917	0.016785	-0.003936	0.010017	0.006988	-0.005265	0.014475	-0.013362	-0.084967	0.140731	0.063677	-0.119118
83	-0.020612	0.026071	0.001429	0.016707	0.005714	-0.012016	0.016126	-0.022675	-0.119131	0.059318	0.142949	-0.084260
84	0.053126	-0.013820	0.002464	-0.029481	-0.008411	0.009328	-0.040027	0.013071	0.204192	-0.369493	-0.154907	0.317670
85	0.014663	0.029950	-0.024830	-0.002499	0.012742	-0.009197	-0.025189	-0.010881	0.199517	0.315704	-0.139068	-0.378975
86	0.007114	-0.010155	0.005302	0.003480	-0.001752	0.005517	-0.001949	0.003490	-0.115793	-0.083080	0.140730	0.058586
87	0.009239	-0.014673	0.004621	-0.002424	-0.002198	0.006922	-0.002890	0.007795	-0.082289	-0.117921	0.058835	0.142188
88	-0.028122	0.030012	0.002908	-0.011626	-0.002196	-0.005732	0.005375	-0.019843	0.306848	0.196846	-0.373288	-0.132351
89	0.012520	0.010133	0.004665	-0.001991	-0.007597	-0.002639	-0.012614	-0.008351	0.076576	-0.008685	-0.063825	-0.006912
90	0.000087	0.001138	0.001171	0.001462	-0.001106	-0.001294	-0.003320	0.001440	-0.005809	0.077631	-0.009905	-0.062280
91	0.001852	0.005086	0.016137	0.017393	-0.011153	-0.012604	-0.003912	-0.007253	-0.060740	-0.008462	0.073450	-0.007427
92	0.004522	-0.005839	0.002284	-0.002567	-0.003182	0.001644	-0.000575	0.003927	-0.007980	-0.061851	-0.008255	0.078220
93	0.002151	0.004408	0.000594	0.007318	-0.002072	-0.003743	-0.001764	-0.003480	-0.037904	0.062162	0.048974	-0.074213
94	0.001093	0.003942	-0.000601	0.006601	-0.000225	-0.003624	-0.001499	-0.003331	-0.025125	0.052763	0.035674	-0.064079
95	0.000778	0.001607	-0.001842	0.006599	0.003124	-0.003154	-0.000689	-0.001458	-0.065765	0.034189	0.054409	-0.023022
96	0.002358	0.001725	-0.000455	0.008411	0.001369	-0.003325	-0.002001	-0.002295	-0.076491	0.046965	0.064370	-0.035399
97	-0.001278	0.003043	0.000878	0.004010	0.003486	-0.002117	0.001844	-0.003750	-0.076680	-0.035670	0.065110	0.047173
98	-0.003354	0.003295	-0.000460	0.002390	0.003503	-0.001104	0.004261	-0.003281	-0.066640	-0.023019	0.055655	0.034301
99	0.001058	0.002095	0.002908	0.001041	-0.000370	-0.000693	0.000342	-0.003583	-0.025600	-0.064257	0.036029	0.053411
100	0.000671	0.003456	0.002093	0.002801	0.000886	-0.002596	0.001271	-0.004664	-0.038176	-0.074145	0.049276	0.062554
101	0.011576	-0.009396	0.001906	-0.005244	-0.003975	0.002941	-0.008358	0.007150	0.048818	-0.075757	-0.038067	0.064766
102	0.008277	-0.006947	0.001871	-0.004347	-0.002946	0.001998	-0.005963	0.005676	0.036098	-0.064901	-0.025573	0.054235
103	0.009115	-0.012246	-0.000276	-0.007816	-0.002664	0.005866	-0.007564	0.010619	0.054725	-0.023378	-0.066104	0.035307
104	0.011594	-0.013775	-0.001123	-0.008774	-0.003106	0.006045	-0.008635	0.011993	0.064422	-0.035923	-0.076883	0.048931
105	-0.003523	0.005826	-0.002945	-0.001965	0.000798	-0.003314	0.000786	-0.001674	0.063266	0.048108	-0.076029	-0.035632
106	-0.004051	0.004274	-0.002794	-0.001629	0.001347	-0.002085	0.001666	-0.001763	0.052550	0.035018	-0.064657	-0.022970
107	-0.003993	0.006617	-0.002371	0.002221	0.001310	-0.003541	0.001150	-0.004044	0.034697	0.054376	-0.023353	-0.066156
108	-0.004478	0.008234	-0.001437	0.000390	0.000162	-0.003566	0.000886	-0.003933	0.047525	0.063498	-0.035572	-0.076005
109	-0.004168	-0.006098	-0.002829	0.001561	0.004659	-0.000380	0.004842	0.005651	-0.041401	-0.015445	0.034253	0.023932
110	-0.008203	-0.003962	-0.001833	0.000459	0.002820	0.002992	0.007733	0.002623	-0.035143	0.024196	0.029450	-0.017021
111	0.003815	-0.002869	0.001186	-0.000900	-0.000924	-0.000251	-0.003464	0.001916	0.023079	-0.037438	-0.015199	0.029295
112	-0.003827	0.002058	-0.001969	-0.000163	0.001768	0.001235	0.006559	-0.003775	-0.017115	-0.039864	0.024682	0.032814
113	-0.002307	-0.001340	-0.010328	-0.006658	0.005607	0.004859	0.004801	0.002635	0.028837	0.023232	-0.035451	-0.014978
114	0.000402	-0.003979	-0.005825	-0.010814	0.005622	0.007849	-0.000897	0.004830	0.031857	-0.014706	-0.037948	0.022371

115	-0.002063	0.003442	0.001108	-0.000295	0.000958	0.000260	-0.000657	-0.001155	-0.016657	0.031746	0.023983	-0.039113
116	-0.002746	0.002453	-0.003286	0.002739	0.002197	-0.001751	0.001443	-0.002866	0.024603	0.030092	-0.015884	-0.038883
117	0.068634	-0.020439	-0.048591	0.032604	-0.146230	-0.045203	0.126732	0.032281	-0.011929	-0.008556	0.007480	0.010152
118	0.066515	-0.019983	-0.026308	0.043629	-0.050800	-0.051063	0.010604	0.027322	-0.006621	-0.003877	0.000682	0.004023
119	0.062935	-0.009994	-0.013763	0.038779	-0.056351	-0.041584	0.007273	0.012688	-0.007383	-0.003894	0.000566	0.003632
120	0.006196	0.001694	0.000366	0.005325	-0.024257	-0.011281	0.017720	0.004140	-0.001623	-0.000789	0.000707	0.000476
121	-0.002726	-0.001315	-0.000687	-0.002759	0.013194	0.006502	-0.009788	-0.002360	0.000774	0.000399	-0.000340	-0.000155
122	-0.003459	-0.000387	0.000296	-0.002559	0.011201	0.004736	-0.008057	-0.001736	0.000849	0.000394	-0.000368	-0.000323
123	0.005000	0.006499	0.000153	0.000672	0.006037	0.001746	-0.011155	-0.008841	-0.000611	-0.000036	-0.000177	-0.000296
124	-0.004095	-0.000952	0.000673	-0.002090	-0.000183	0.001291	0.003611	0.001738	0.000138	0.000106	0.000344	0.000001
125	-0.000898	-0.005564	-0.000828	0.001444	-0.006050	-0.002989	0.007736	0.007044	0.000473	-0.000076	-0.000165	0.000297
126	0.067872	-0.013089	-0.017303	0.042400	-0.047071	-0.046952	-0.003480	0.017586	-0.006978	-0.003501	-0.000580	0.003800
127	0.044473	-0.001120	-0.006497	0.024694	-0.035971	-0.030112	-0.001979	0.006531	-0.005277	-0.001839	0.000218	0.001307
128	0.000793	0.000230	0.000124	0.000337	-0.002562	-0.000712	0.001647	0.000128	-0.000016	-0.000173	0.000000	0.000054
129	0.002798	-0.004006	-0.003279	0.002915	0.004621	-0.003980	-0.004173	0.005111	0.000108	-0.000042	0.000053	0.000024
130	-0.003345	0.002312	0.002199	-0.002826	-0.001953	0.004151	0.003123	-0.003663	-0.000009	0.000169	-0.000103	0.000094
131	-0.001908	0.002174	0.002254	-0.001889	-0.002179	0.000983	0.001840	-0.001290	0.000007	0.000022	-0.000079	-0.000008
132	0.000352	-0.000206	-0.000671	0.000462	0.001640	0.000692	-0.001320	-0.000930	-0.000003	0.000076	0.000075	-0.000142
133	0.001287	-0.000441	-0.000580	0.000971	0.000371	-0.001108	-0.001081	0.000588	-0.000088	-0.000051	0.000055	-0.000027
134	0.033776	-0.029270	0.027273	-0.026281	-0.018482	0.027602	-0.043886	0.027846	0.021990	0.006476	-0.013061	-0.016086
135	0.035354	0.011950	0.001002	0.032078	-0.010996	-0.029755	-0.025668	-0.014199	0.000641	0.000531	-0.004078	-0.004433
136	-0.001126	-0.035528	-0.008800	-0.040975	0.011386	0.038357	-0.001663	0.038350	0.004024	0.004828	0.001017	-0.002026
137	-0.004418	-0.031405	-0.003284	-0.041159	0.004693	0.035115	0.002508	0.037820	0.003552	0.011667	-0.000587	-0.007355
138	0.027375	0.024889	0.015694	0.025721	-0.035491	-0.031886	-0.008124	-0.019040	0.004363	0.002096	-0.011198	-0.003856
139	-0.028732	0.024864	-0.028565	0.025872	0.028971	-0.015476	0.029512	-0.036693	0.007510	-0.031743	-0.002230	0.027067
140	0.019008	0.025779	0.029512	0.006893	-0.033379	-0.013966	-0.015555	-0.019157	0.004163	0.001356	-0.013595	0.000599
141	-0.045927	-0.003046	-0.041397	-0.014438	0.038637	0.015395	0.049300	0.001642	0.001952	-0.008297	0.002770	0.013162
142	-0.043047	-0.007923	-0.048537	-0.014827	0.045574	0.015954	0.046193	0.006497	0.007111	-0.003518	0.000658	0.006178
143	0.024463	0.002849	0.009668	0.004171	-0.012157	-0.007851	-0.021871	0.000383	0.004759	-0.010248	-0.004038	0.005732
144	0.036328	-0.064949	0.024319	-0.050900	-0.033105	0.039582	-0.026576	0.074382	0.017144	-0.040542	-0.006183	0.034450
145	0.026202	0.014038	0.007153	0.033270	0.001147	-0.038267	-0.034052	-0.008689	-0.010524	-0.006408	0.008700	0.000958
146	0.001497	-0.011946	0.004322	-0.011557	-0.001758	0.008888	-0.004054	0.014591	0.000319	-0.000193	-0.000213	0.001684
147	-0.015190	-0.007772	-0.004615	-0.018154	0.008701	0.016212	0.011468	0.009772	-0.002693	-0.002473	0.006136	0.003230
148	0.004029	-0.007110	0.009941	-0.006011	0.005787	0.005275	-0.019566	0.008875	-0.015087	0.010196	0.013027	-0.008117
149	-0.027883	0.016399	-0.029058	0.030096	0.024750	-0.030349	0.031007	-0.015605	0.013023	0.014299	0.001053	-0.027425
150	0.016087	0.001693	0.024330	0.007504	-0.024047	0.000437	-0.016075	-0.009749	-0.004244	-0.004965	0.001094	0.003597
151	-0.045477	-0.005447	-0.043131	-0.011245	0.038829	0.011615	0.049756	0.005210	0.002735	0.004888	0.003872	-0.001861
152	-0.041900	-0.009832	-0.044412	-0.010258	0.039671	0.010176	0.046711	0.010001	0.003172	0.001812	0.005280	-0.000528
153	0.027138	0.005726	0.019558	0.018987	-0.022115	-0.013501	-0.024389	-0.010974	-0.004522	-0.004419	0.007109	-0.004642
154	0.007260	0.003476	0.000121	0.001523	-0.005823	-0.001305	-0.001764	-0.003755	0.000749	0.003426	-0.005338	0.000011
155	-0.002142	-0.009299	-0.011052	-0.011379	0.007453	0.008824	0.006357	0.011989	-0.004536	-0.007856	0.011874	0.003666
156	-0.003335	-0.014471	-0.001125	-0.005065	0.004854	0.006557	-0.000445	0.013230	-0.002325	0.004026	0.002478	-0.001981
157	0.009649	-0.001952	-0.003499	0.004040	0.000840	-0.005063	-0.007057	0.003218	0.000971	-0.000599	0.005038	-0.006147
158	-0.014507	0.010280	0.010803	-0.011673	0.000555	0.006085	0.003228	-0.004750	-0.000188	-0.000116	0.000140	0.000629
159	-0.003223	0.002264	0.006799	-0.001898	-0.038865	0.011899	0.035403	-0.012575	0.000180	-0.001283	0.000273	0.000468
160	0.000922	-0.002275	-0.000282	0.003501	-0.026197	0.006433	0.025622	-0.007861	0.000044	-0.000790	0.000164	0.000412
161	0.004003	-0.002605	-0.001438	0.004096	0.011940	-0.015763	-0.014597	0.014395	-0.000393	0.000076	0.000287	-0.000338
162	-0.024709	0.026004	0.019883	-0.021477	-0.025636	0.024471	0.030689	-0.029222	-0.000859	0.000390	0.000866	-0.000363
163	0.065449	-0.048052	-0.045398	0.055493	0.042909	-0.063244	-0.063454	0.056442	-0.003981	0.003400	-0.002400	0.000483
164	-0.011052	-0.058249	-0.021641	-0.060162	0.031307	0.056897	0.000782	0.061756	0.013183	0.007803	-0.000643	-0.006653

165	0.001898	-0.002014	-0.000924	0.001607	0.001567	-0.000831	-0.002883	0.001517	0.001915	0.005610	0.000754	-0.008335
166	0.015806	0.050845	0.011091	0.062714	-0.015964	-0.053114	-0.010382	-0.060799	-0.004799	-0.014382	0.002041	0.004396
167	-0.073243	-0.012733	-0.061006	-0.028167	0.056072	0.034319	0.078851	0.006021	0.004383	-0.006944	0.002678	0.015882
168	-0.000049	0.002273	0.000564	0.000660	-0.001153	-0.001083	-0.000045	-0.001799	0.006831	0.008637	-0.007390	-0.008445
169	0.068675	0.023636	0.074888	0.028207	-0.070464	-0.035641	-0.073644	-0.015798	-0.008443	0.007740	-0.005554	-0.011585
170	0.027256	0.080070	0.042628	0.100869	-0.034872	-0.085083	-0.036571	-0.097069	0.018503	0.004527	-0.041613	-0.004471
171	-0.007891	0.035988	-0.000928	0.033962	0.003749	-0.030894	0.005151	-0.039147	-0.001307	-0.002526	-0.000543	-0.001162
172	0.020687	0.043157	0.017889	0.060144	-0.016623	-0.052396	-0.022468	-0.050807	-0.000760	0.004848	-0.007252	-0.009770
173	-0.071074	-0.013482	-0.067397	-0.031622	0.059445	0.026240	0.078897	0.019125	0.005424	0.009449	0.006245	-0.004339
174	-0.001265	-0.001190	0.000302	-0.002001	0.000281	0.002251	0.000657	0.000844	0.001208	-0.000322	-0.001840	0.001320
175	0.064475	0.015627	0.069530	0.027260	-0.061147	-0.020799	-0.073038	-0.022492	-0.002836	-0.003886	-0.014094	0.004606
176	-0.012267	0.025662	-0.004504	0.008975	-0.009882	-0.016140	0.026895	-0.018118	-0.012977	0.007510	0.005383	-0.001453
177	-0.009381	-0.015728	-0.029267	0.012847	0.029017	0.005697	0.010097	-0.002447	-0.006461	-0.001537	0.010095	0.001768
178	0.024429	0.000184	0.009814	-0.005014	-0.001857	-0.006995	-0.031918	0.012224	-0.007504	-0.006325	0.011581	-0.000374
179	0.017609	0.014519	0.030095	0.006518	-0.039192	0.000180	-0.008492	-0.021766	0.001329	-0.004213	-0.008898	0.005464
180	-0.028535	-0.003296	-0.008891	-0.017021	0.013721	0.021012	0.024374	-0.000679	-0.004969	-0.005151	0.009477	0.005968
181	-0.002941	-0.010089	-0.029207	0.000245	0.023025	-0.010731	0.009781	0.020728	-0.005137	-0.009585	0.012887	0.005744
182	0.022239	-0.016306	0.012074	-0.000292	-0.013236	0.009364	-0.020861	0.006756	0.002395	-0.008999	-0.005115	0.010054
183	-0.002189	-0.009577	0.019750	-0.016180	-0.004017	0.007689	-0.013921	0.017591	0.005941	0.002109	-0.014108	0.006708
184	0.005758	-0.008307	-0.003143	0.010077	-0.024725	-0.015770	0.021973	0.013806	0.001011	-0.000490	-0.000803	-0.000125
185	-0.003764	0.003665	0.008865	-0.003601	-0.058329	0.023866	0.053435	-0.024392	0.000433	-0.002091	0.000601	0.000584
186	0.001543	-0.002807	-0.005068	0.002859	0.007406	-0.002157	-0.003890	0.002150	-0.000348	0.000366	-0.000318	0.000618
187	-0.012654	0.011253	0.009839	-0.013840	0.041928	-0.006814	-0.039203	0.009691	0.000320	0.001426	-0.000152	-0.001104
188	0.009576	-0.003673	-0.010613	0.004643	0.033779	-0.000719	-0.032716	0.000072	-0.001559	0.000737	0.000713	0.000127
189	0.000653	-0.000626	-0.000665	0.000408	0.000484	-0.000212	-0.000471	0.000436	-0.000038	-0.000040	0.000072	0.000027
190	0.002049	-0.003295	-0.004704	0.003111	0.007299	-0.000901	-0.004543	0.001330	-0.005995	0.003596	0.001329	0.001358
191	-0.000923	-0.001994	-0.000794	-0.001584	0.002500	0.003599	-0.000798	-0.000019	0.000564	0.000297	-0.000356	-0.000026
192	-0.001894	0.002905	0.003056	-0.001992	-0.003771	0.000378	0.002627	-0.001282	-0.001023	0.000718	0.000203	-0.000083
193	-0.001022	0.001025	0.000504	-0.000565	-0.000244	-0.000336	0.000862	-0.000110	-0.001855	-0.000394	0.000917	0.001348
194	-0.000282	0.000895	0.000423	0.000336	-0.000196	-0.000902	-0.000049	-0.000350	0.001480	0.000777	-0.001290	-0.001102
195	-0.001447	0.003480	0.000654	0.000909	-0.000642	-0.002779	0.001705	-0.001486	-0.007382	0.001051	0.002278	0.003763
196	-0.000435	0.000414	0.000477	-0.000449	0.000065	-0.000181	-0.000137	0.000200	0.000912	-0.000251	-0.000126	-0.000540
197	0.000416	-0.000181	-0.000002	0.000169	0.000048	0.000130	-0.000461	-0.000117	-0.000082	0.000022	-0.000077	0.000100
198	-0.000356	0.000490	0.000427	-0.000272	-0.000548	0.000048	0.000485	-0.000264	-0.000215	0.000068	0.000089	0.000033
199	-0.000267	0.000452	0.000421	-0.000186	-0.000427	-0.000070	0.000276	-0.000202	-0.000057	-0.000001	-0.000057	0.000076
200	-0.000952	0.000552	0.000409	-0.000612	-0.000169	-0.000050	0.000673	0.000065	0.001480	-0.000523	-0.000471	-0.000438
201	0.001440	0.000833	0.001466	0.000406	-0.001303	-0.000621	-0.001489	-0.000800	0.003197	-0.006019	0.001350	0.001087
202	0.000833	-0.000363	-0.000113	0.000308	0.000628	-0.000308	-0.001357	0.000417	-0.000576	0.000667	0.000424	-0.000572
203	0.000758	-0.000310	-0.000092	0.000346	0.001090	-0.000994	-0.001777	0.000922	0.001089	-0.000793	-0.000401	0.000036
204	0.001119	-0.000668	-0.000460	0.000849	0.000405	-0.000927	-0.001011	0.000720	0.000017	-0.001426	0.000584	0.000750
205	-0.000106	-0.001565	-0.002015	0.000177	-0.000179	0.001279	0.002261	0.000142	0.000164	0.000958	0.000129	-0.000930
206	-0.000982	0.000415	-0.000430	-0.000899	0.000310	0.001281	0.001372	-0.000953	0.001510	-0.007362	0.003677	0.002357
207	-0.000192	-0.000172	-0.000426	0.000094	0.000494	-0.000007	0.000090	0.000121	-0.000454	0.001258	-0.000375	-0.000365
208	0.000277	-0.000038	0.000040	0.000183	0.000045	-0.000248	-0.000369	0.000103	0.000112	-0.000006	-0.000061	-0.000088
209	0.000205	-0.000085	-0.000101	0.000177	0.000113	-0.000182	-0.000212	0.000086	0.000055	-0.000207	0.000065	0.000069
210	0.000152	0.000092	-0.000061	0.000161	-0.000151	-0.000060	0.000060	-0.000196	0.000068	-0.000087	0.000015	-0.000027
211	0.001154	-0.000976	-0.001725	0.001611	0.002338	-0.002066	-0.001816	0.001494	-0.000607	0.001448	-0.000348	-0.000497
212	0.000794	0.000722	0.000089	-0.001291	-0.000436	0.000925	-0.000589	-0.000576	0.002034	0.001306	-0.006802	0.003398
213	0.000523	0.001152	0.000524	0.001173	-0.000102	-0.000237	-0.000883	-0.002028	-0.001299	-0.000153	0.001476	-0.000320
214	-0.000771	-0.000199	0.000592	0.000198	-0.000082	0.000764	0.000234	-0.000824	0.000620	0.000078	-0.001479	0.000789

215	-0.001011	0.000777	0.000633	-0.000874	-0.000314	0.001492	0.000647	-0.001391	0.000197	0.001071	-0.000798	-0.000431
216	0.000380	-0.000057	0.000267	-0.000609	-0.000571	0.000358	-0.000025	0.000319	-0.000680	-0.000493	0.000834	0.000346
217	0.001744	-0.002617	-0.001956	0.000105	0.000549	-0.001861	-0.000556	0.004285	0.001288	0.003374	-0.005749	0.001308
218	0.000766	0.000385	-0.001604	-0.000615	0.000765	0.000159	0.000121	0.000114	-0.000455	-0.000553	0.001508	-0.000394
219	-0.000110	0.000299	0.000133	-0.000120	-0.000069	0.000159	0.000047	-0.000334	-0.000090	0.000090	0.000006	-0.000024
220	-0.000169	0.000146	0.000357	0.000033	-0.000172	0.000219	-0.000020	-0.000405	0.000051	0.000049	-0.000196	0.000061
221	0.000023	0.000089	-0.000031	0.000033	-0.000228	-0.000173	0.000233	0.000053	-0.000096	0.000134	-0.000031	-0.000016
222	-0.000384	0.000317	0.000181	0.000080	0.000116	0.000623	0.000132	-0.000989	-0.000400	-0.000530	0.001318	-0.000400
223	-0.001853	0.001474	0.000615	-0.001151	0.000019	0.000541	0.001067	-0.000631	0.001376	0.002309	0.003693	-0.007285
224	-0.000457	0.001051	0.001012	-0.000629	-0.000445	-0.000493	-0.000107	-0.000012	0.000851	-0.000959	-0.001037	0.001049
225	0.000494	-0.000247	-0.000442	0.000343	0.000955	-0.000089	-0.001023	0.000087	-0.000433	0.000779	0.001332	-0.001685
226	0.000046	-0.000224	-0.000079	-0.000076	-0.000433	0.000833	0.000416	-0.000525	0.000892	0.000352	-0.000098	-0.001120
227	0.000767	0.000606	0.000838	0.000552	-0.001461	-0.000005	-0.000077	-0.001183	-0.000747	-0.000858	0.000142	0.001215
228	-0.000920	0.000952	-0.001513	0.000799	0.002623	-0.000882	-0.000392	-0.000725	0.003196	0.001473	0.001846	-0.006456
229	-0.000933	0.000520	0.000849	-0.001151	-0.000775	0.001530	0.000917	-0.000938	-0.000632	-0.000450	-0.000275	0.001423
230	-0.000202	0.000326	0.000337	-0.000261	-0.000253	-0.000188	0.000118	0.000126	-0.000007	-0.000007	0.000106	-0.000110
231	0.000133	-0.000025	-0.000119	0.000180	0.000116	-0.000101	-0.000135	-0.000048	0.000044	0.000066	0.000069	-0.000195
232	0.000219	-0.000034	-0.000048	0.000167	0.000086	-0.000092	-0.000255	-0.000040	0.000010	-0.000079	0.000037	0.000004
233	-0.000226	-0.000324	-0.000330	-0.000159	0.000653	0.000396	-0.000066	0.000068	-0.000480	-0.000141	-0.000353	0.001069
234	-0.000059	0.005051	0.002443	0.002769	-0.002952	-0.006173	0.000609	-0.001749	-0.000773	-0.000921	-0.001474	0.002238
235	0.009214	-0.014841	-0.012207	0.005725	0.015009	0.004266	-0.012224	0.004939	0.002308	0.002537	-0.003187	-0.000576
236	-0.001286	0.000256	-0.000123	-0.000914	0.000430	0.000749	0.001018	-0.000018	-0.000963	0.000282	0.001712	-0.000833
237	-0.005824	0.004949	0.006053	-0.006053	-0.006531	0.003492	0.006401	-0.002338	-0.002412	0.000842	0.002024	-0.000359
238	0.001595	-0.001214	-0.001292	0.001400	0.001301	-0.000786	-0.001610	0.000580	0.000671	-0.000693	-0.000192	0.000165
239	0.000649	-0.000374	-0.000539	0.000657	0.000432	-0.000740	-0.000546	0.000438	0.000513	-0.000561	-0.000049	0.000059
240	0.000348	-0.000667	-0.000088	-0.000122	0.000139	0.000676	-0.000458	0.000065	0.001523	-0.000135	-0.001143	-0.000207
241	0.000831	-0.001264	-0.000586	0.000222	0.000709	0.000607	-0.001014	0.000394	0.001481	-0.000093	-0.001101	-0.000224
242	-0.000832	0.000934	0.001228	-0.001025	-0.001695	0.000470	0.001280	-0.000398	0.000631	-0.000101	-0.000049	-0.000512
243	-0.000649	0.000841	0.001287	-0.000864	-0.001689	0.000431	0.001019	-0.000435	0.000907	-0.000120	-0.000263	-0.000585
244	-0.001277	0.002968	0.001950	-0.000749	-0.002833	-0.001508	0.002281	-0.000659	-0.002677	-0.000199	0.001981	0.000650
245	-0.002689	0.003344	0.001851	-0.001025	-0.002286	-0.001491	0.003215	-0.000817	-0.001218	-0.000854	0.001749	0.000200
246	-0.005316	0.000910	0.000007	-0.004089	-0.005851	0.008382	0.011306	-0.005239	-0.000277	-0.001520	0.002659	-0.000076
247	0.003651	0.000991	0.001200	0.002279	0.001791	-0.004313	-0.006863	0.001135	0.002041	0.002170	-0.001044	-0.003919
248	0.000398	0.000321	0.000367	0.000335	0.001570	-0.001774	-0.002306	0.001088	-0.000210	-0.000732	-0.000403	0.001214
249	0.000854	0.000340	0.000890	0.000426	0.001117	-0.001689	-0.002798	0.000856	0.000287	-0.002050	-0.000065	0.001598
250	0.000422	-0.000338	-0.000107	0.000376	-0.000133	-0.000193	-0.000204	0.000174	-0.000360	0.000789	-0.000358	-0.000103
251	0.000227	-0.000374	-0.000067	0.000110	-0.000205	-0.000039	0.000031	0.000308	-0.000224	0.000508	-0.000381	0.000106
252	-0.000280	-0.000219	-0.000380	-0.000166	-0.000182	0.000649	0.000789	-0.000216	-0.000120	0.001453	-0.000155	-0.001083
253	-0.000203	-0.000264	-0.000460	-0.000073	-0.000185	0.000528	0.000793	-0.000144	-0.000102	0.001455	-0.000182	-0.001080
254	0.000113	0.000438	0.000543	-0.000022	0.000430	-0.000607	-0.001111	0.000206	-0.000205	0.000645	-0.000420	-0.000118
255	-0.000007	0.000600	0.000534	0.000013	-0.000091	-0.000438	-0.000470	-0.000157	-0.000171	0.000880	-0.000495	-0.000318
256	0.000979	-0.002012	-0.002108	0.001218	0.001510	-0.001232	-0.000284	0.001957	0.000075	-0.002451	0.000560	0.001994
257	-0.000830	-0.000401	-0.000421	-0.000406	0.000235	0.000721	0.001106	0.000044	-0.000749	-0.001150	0.000297	0.001794
258	0.007993	-0.008076	-0.008217	0.003500	0.004262	-0.009382	-0.004123	0.014197	-0.002733	0.003092	0.001563	-0.001468
259	-0.000517	0.007356	0.003225	-0.002324	-0.003294	0.002505	0.000742	-0.007606	-0.001714	-0.001350	-0.000098	0.002464
260	-0.002066	0.001283	0.001975	-0.000709	-0.000583	0.002298	0.000667	-0.002969	0.001609	-0.001090	-0.001064	0.000490
261	-0.001912	-0.001071	0.001406	0.002440	0.000281	0.000487	0.000139	-0.001971	0.001982	0.000053	-0.002771	0.000639
262	0.000004	0.000533	-0.000307	-0.001225	-0.000061	0.000673	0.000385	0.000051	-0.000248	-0.000085	0.000932	-0.000504
263	-0.000144	0.000144	-0.000297	-0.001008	0.000049	0.000684	0.000398	0.000199	0.000031	-0.000058	0.000595	-0.000448
264	0.000382	0.000219	0.000083	0.000813	0.000017	-0.000732	-0.000431	-0.000245	-0.001135	-0.000170	0.001450	-0.000271

265	0.000225	0.000707	0.000388	0.000367	-0.000272	-0.000315	-0.000281	-0.000706	-0.001188	-0.000226	0.001509	-0.000237
266	0.000025	-0.000365	-0.000171	0.000646	0.000284	-0.000436	-0.000132	0.000163	0.000037	-0.000242	0.000418	-0.000223
267	0.000375	-0.000550	-0.000593	0.000728	0.000296	-0.000907	-0.000065	0.000747	-0.000151	-0.000286	0.000675	-0.000231
268	-0.004201	0.001996	0.002817	-0.003316	-0.001733	0.005094	0.003065	-0.003883	0.001823	0.000232	-0.002128	0.000304
269	-0.000121	-0.002207	-0.000335	0.000114	0.000788	-0.000005	-0.000415	0.002061	0.001691	0.000125	-0.001081	-0.000514
270	0.001514	0.001408	0.000933	0.002102	-0.002872	-0.000050	0.000510	-0.003685	0.001901	-0.003943	-0.001563	0.003049
271	-0.002697	0.002894	0.003569	-0.004011	-0.001928	-0.001577	0.001071	0.002711	0.000331	-0.000807	0.001710	-0.001207
272	-0.000703	-0.001169	-0.001899	0.000070	0.003206	0.000121	-0.000637	0.001106	-0.000996	0.001907	0.001008	-0.001573
273	0.000260	-0.001561	-0.002248	0.000847	0.003498	-0.000075	-0.001594	0.000946	-0.000270	0.002212	0.001245	-0.002934
274	-0.000588	0.000478	0.001004	-0.000903	-0.001508	0.000493	0.001101	-0.000118	0.000094	-0.000215	-0.000742	0.000860
275	0.000052	0.000109	0.000446	-0.000124	-0.001223	0.000561	0.000725	-0.000586	0.000100	-0.000070	-0.000762	0.000684
276	0.001081	0.000261	0.000856	0.000363	-0.001402	-0.000445	-0.000487	-0.000255	-0.000013	-0.001243	-0.000669	0.001689
277	0.000829	0.000308	0.000932	0.000137	-0.001423	-0.000312	-0.000287	-0.000206	-0.000087	-0.001221	-0.000564	0.001668
278	-0.000363	-0.000646	-0.000909	-0.000128	0.001642	-0.000010	-0.000342	0.000807	-0.000664	0.000058	0.000393	0.000403
279	-0.000544	-0.000367	-0.000685	-0.000197	0.001568	-0.000076	-0.000297	0.000654	-0.000754	-0.000137	0.000392	0.000667
280	0.000654	-0.000982	-0.000516	0.000407	-0.000352	0.000865	0.000110	-0.000198	0.000379	0.002048	0.000225	-0.002612
281	0.000494	-0.000729	-0.001477	0.001429	0.000790	0.000508	0.000136	-0.001174	-0.000036	0.001419	-0.000665	-0.000695
282	-0.001005	0.000658	0.002645	-0.001972	-0.003612	0.001197	0.001718	0.000167	0.002355	0.003504	-0.001728	-0.004178
283	0.001423	-0.001413	-0.000409	0.000531	0.000407	0.000333	-0.001414	0.000554	-0.000020	-0.000226	0.000087	0.000146
284	-0.000105	-0.000087	0.000081	-0.000316	0.000184	0.000405	-0.000126	0.000003	-0.000542	-0.000195	0.000301	0.000477
285	0.000262	-0.000278	-0.000580	0.000398	0.001158	-0.000058	-0.000806	-0.000064	-0.000337	-0.000435	0.000234	0.000559
286	0.000332	0.000023	-0.000658	0.000744	0.001143	-0.000578	-0.000808	-0.000198	0.000150	-0.000424	-0.000025	0.000258
287	0.002300	-0.002067	-0.002115	0.001847	0.003517	-0.000026	-0.003675	0.000311	-0.000887	0.000153	0.000657	0.000086
288	0.000791	-0.000434	-0.000827	0.001267	-0.000306	-0.001022	0.000161	0.000105	0.003088	0.000875	-0.002989	-0.001070
289	0.001266	-0.001274	-0.001938	0.001755	0.001221	-0.001570	-0.000550	0.001106	-0.000200	0.000023	0.000155	0.000041
290	-0.000815	0.000706	0.000425	-0.000564	-0.000341	0.000415	0.000770	-0.000560	-0.000320	-0.000442	0.000533	0.000254
291	-0.000406	0.000449	0.000373	-0.000356	-0.000251	0.000169	0.000309	-0.000246	-0.000537	0.000000	0.000463	0.000072
292	0.000193	-0.000169	0.000286	-0.000222	-0.000191	0.000158	-0.000287	0.000249	-0.000317	0.000271	0.000090	-0.000051
293	0.000312	-0.000121	-0.000157	0.000166	0.000049	-0.000378	-0.000211	0.000316	0.000234	-0.000136	-0.000327	0.000208
294	-0.002463	0.002180	-0.000355	-0.000159	-0.000836	0.001034	0.003609	-0.002930	-0.001091	0.002526	0.001131	-0.002483
295	-0.002342	0.001617	0.001508	-0.001688	-0.002233	0.002345	0.003113	-0.002315	-0.000156	-0.000455	0.000108	0.000587
296	0.000860	-0.000692	-0.000201	0.000364	0.000685	-0.000623	-0.001339	0.000963	-0.000068	-0.000195	0.000262	-0.000028
297	0.000554	-0.000431	0.000215	-0.000031	0.000225	-0.000317	-0.000983	0.000764	0.000039	-0.000411	-0.000078	0.000422
298	-0.000286	0.000164	0.000365	-0.000291	-0.000160	0.000107	0.000084	-0.000015	0.000264	-0.000334	-0.000479	0.000550
299	-0.001283	0.000743	0.001734	-0.001428	-0.001050	0.001157	0.000598	-0.000480	0.000015	0.000146	-0.000074	-0.000067
300	0.000486	-0.000048	0.000393	-0.000185	-0.000479	-0.000766	-0.000547	0.000832	0.003967	-0.000776	-0.003410	0.000131
301	0.000245	-0.000049	-0.000449	0.000671	0.000502	-0.000163	-0.000267	-0.000466	-0.000206	-0.000504	0.000258	0.000416
302	-0.000134	-0.000014	-0.000083	-0.000019	-0.000011	-0.000035	0.000250	0.000070	-0.000406	-0.000096	0.000164	0.000363
303	0.000062	-0.000083	-0.000293	0.000234	0.000170	-0.000013	0.000086	-0.000112	-0.000630	0.000065	0.000556	0.000022
304	0.000738	-0.000492	-0.000212	0.000295	-0.000196	0.000027	-0.000327	0.000201	-0.000363	0.000221	0.000486	-0.000370
305	0.000573	-0.000665	-0.001464	0.001251	0.001071	-0.000116	-0.000178	-0.000479	0.000138	-0.000170	-0.000194	0.000254
306	0.007699	-0.008316	-0.007222	0.005406	0.010232	0.002135	-0.009587	0.001830	-0.028083	0.002417	0.021550	0.004527
307	0.002783	-0.002582	-0.001995	0.001854	0.003177	-0.000181	-0.003938	0.000909	0.000047	-0.000847	0.000033	0.000761
308	-0.001750	0.001370	0.001785	-0.001664	-0.002408	0.000687	0.002323	-0.000378	0.000156	0.001133	-0.000189	-0.001078
309	-0.000569	0.000653	0.000707	-0.000520	-0.001222	0.000010	0.001047	-0.000156	0.000543	0.000329	-0.000403	-0.000498
310	-0.000020	-0.000064	-0.000454	0.000284	0.000638	-0.000262	-0.000144	0.000029	-0.000050	-0.000407	0.000052	0.000429
311	0.000515	-0.000590	-0.000384	0.000129	0.000733	0.000219	-0.000783	0.000244	-0.001052	-0.000801	0.000674	0.001216
312	-0.000977	0.001213	0.000369	-0.000122	-0.000955	-0.000438	0.001522	-0.000646	0.000358	0.000625	-0.000172	-0.000856
313	0.005077	-0.004475	-0.004723	0.003921	0.002211	-0.003891	-0.001636	0.003671	0.001887	-0.023748	0.003845	0.018041
314	0.000075	0.000220	0.000499	-0.000013	-0.000667	0.000236	0.000114	-0.000406	-0.000887	0.000415	0.000546	-0.000140

315	-0.000256	0.000149	-0.000583	0.000325	0.000254	-0.000403	0.000559	-0.000108	0.000889	-0.000309	-0.000555	0.000003
316	0.000131	-0.000205	0.000038	-0.000063	-0.000003	0.000086	-0.000190	0.000177	0.000362	0.000188	-0.000348	-0.000196
317	-0.000236	0.000380	0.000650	-0.000383	-0.000369	0.000329	-0.000033	-0.000313	-0.000380	0.000143	0.000241	-0.000039
318	-0.001038	0.000819	0.000487	-0.000740	-0.000317	0.000839	0.000945	-0.000910	-0.000875	-0.000730	0.001135	0.000521
319	0.001330	-0.001349	-0.001082	0.000880	0.001118	-0.001111	-0.001428	0.001563	0.000907	0.000285	-0.001027	-0.000152
320	-0.0008674	0.005453	0.005134	-0.008024	-0.007204	0.007517	0.011687	-0.004222	-0.017459	-0.002524	0.022923	-0.002229
321	-0.000532	0.000212	0.001252	-0.000733	-0.000351	0.000364	-0.000336	0.000111	0.000042	-0.000764	-0.000321	0.001024
322	0.000192	-0.000061	-0.000731	0.000355	0.000250	-0.000109	0.000276	-0.000122	-0.000488	0.000796	0.000775	-0.001055
323	-0.000149	0.000265	-0.000495	0.000413	0.000099	-0.000195	0.000535	-0.000477	0.000042	0.000241	-0.000078	-0.000208
324	0.000580	-0.000406	-0.000030	0.000121	0.000291	-0.000370	-0.000842	0.000642	0.000162	-0.000240	-0.000228	0.000280
325	0.001735	-0.001530	-0.000436	0.000767	0.001364	-0.001233	-0.002651	0.002005	-0.000055	-0.000540	0.000282	0.000265
326	-0.001782	0.001501	0.000428	-0.000903	-0.001632	0.001516	0.002968	-0.002134	0.000294	0.000486	-0.000415	-0.000298
327	0.000461	-0.002352	-0.002266	0.001038	0.002564	0.001921	0.000270	-0.001598	-0.002521	-0.020617	-0.004111	0.027526
328	0.001090	-0.000586	-0.000213	0.000434	-0.000219	0.000084	-0.000619	0.000121	-0.000977	0.000017	0.001192	-0.000290
329	-0.000471	0.000267	0.000044	-0.000110	0.000113	-0.000280	0.000289	0.000056	0.001027	-0.000433	-0.001153	0.000576
330	-0.000002	0.000075	0.000437	-0.000403	-0.000409	-0.000035	-0.000057	0.000348	0.000556	0.000114	-0.000453	-0.000231
331	-0.000263	0.000230	0.000121	-0.000126	0.000004	0.000119	0.000152	-0.000195	-0.000488	0.000222	0.000502	-0.000229
332	0.000017	-0.000180	0.000018	-0.000117	-0.000101	0.000229	0.000119	0.000099	-0.001146	-0.000056	0.000821	0.000412
333	-0.000391	0.000203	-0.000404	0.000310	0.000622	-0.000122	0.000124	-0.000421	0.001008	0.000135	-0.000897	-0.000228

	73	74	75	76	77	78	79	80	81	82	83	84
1	-0.011534	-0.000543	-0.001762	-0.035296	-0.033497	-0.002354	-0.001230	-0.013573	-0.027744	0.005926	0.005226	-0.024542
2	0.026680	-0.009582	-0.008254	0.018586	0.015188	-0.007445	-0.008558	0.025122	0.025165	0.000158	-0.002602	0.033435
3	-0.023272	0.237725	0.237483	-0.029240	-0.560107	-0.078023	0.095090	0.034212	0.030554	0.004070	0.003675	0.027180
4	0.029981	0.093105	-0.074636	-0.548639	-0.029996	0.243130	0.240586	-0.027988	-0.563215	-0.068676	0.100604	0.017490
5	0.030293	0.005044	0.005743	0.024977	0.020345	0.102788	-0.068159	-0.585245	-0.015748	0.240948	0.235079	-0.021974
6	-0.587125	-0.067408	0.102596	0.017776	0.028541	0.005516	0.005131	0.032562	0.007646	0.107435	-0.062317	-0.588577
7	-0.018702	0.006608	0.005056	-0.003416	-0.004939	0.002126	0.003214	-0.011828	-0.009432	0.002115	0.000526	-0.003800
8	0.923753	0.634965	0.377801	-0.120203	-0.046313	0.018473	0.011792	-0.028051	0.003291	0.000710	-0.000823	0.010059
9	-0.109129	0.374717	0.624581	0.922533	-0.466109	-0.137804	0.029509	0.179683	0.010280	-0.000696	0.000942	0.004127
10	0.172726	0.029395	-0.130902	-0.468810	0.934607	0.646015	0.375435	-0.127680	-0.038591	0.017574	0.010819	-0.025638
11	-0.026485	0.011095	0.017472	-0.040848	-0.122616	0.374679	0.643740	0.935729	-0.466162	-0.132935	0.030515	0.174133
12	0.004053	0.000577	-0.000688	0.011661	0.179585	0.028803	-0.136633	-0.465741	0.938591	0.620824	0.362619	-0.102146
13	0.008980	0.000628	0.001774	0.000665	-0.028776	0.012595	0.019696	-0.044547	-0.109612	0.364681	0.623733	0.927353
14	-0.045640	0.019303	0.012589	-0.028067	0.003160	0.000999	-0.000385	0.008893	0.172874	0.031753	-0.132017	-0.465388
15	-0.465392	-0.136218	0.028069	0.178608	0.013876	-0.001752	-0.000400	0.006209	-0.027626	0.011598	0.017868	-0.046519
16	0.706160	0.412992	-0.813841	-0.429540	0.163383	-0.014351	0.002864	0.031893	-0.004118	-0.008742	-0.008220	0.031611
17	-1.118440	-0.590016	-0.588689	-1.111730	0.258923	-0.058274	-0.054153	0.078828	0.042347	-0.016478	-0.015841	0.045998
18	-0.429843	-0.820501	0.407502	0.706513	-0.154328	-0.011252	-0.021890	0.021173	0.033223	-0.008536	-0.008887	-0.004069
19	0.020704	-0.022512	-0.011156	-0.160934	0.719318	0.418053	-0.817571	-0.441229	0.165224	-0.013339	0.003558	0.030970
20	0.078476	-0.053654	-0.057600	0.263919	-1.124130	-0.598007	-0.595005	-1.122890	0.264265	-0.060014	-0.054392	0.079860
21	0.030833	0.003707	-0.013572	0.169670	-0.442020	-0.818218	0.415468	0.721481	-0.157377	-0.011458	-0.022890	0.021355
22	-0.002650	-0.009522	-0.008661	0.034759	0.022774	-0.022232	-0.011469	-0.154496	0.705183	0.405265	-0.816846	-0.433357
23	0.044843	-0.016357	-0.016686	0.045789	0.080693	-0.055745	-0.060289	0.266927	-1.121520	-0.586145	-0.585668	-1.132810
24	0.031962	-0.007730	-0.008602	-0.007128	0.031006	0.004538	-0.012532	0.161029	-0.433640	-0.814326	0.404471	0.695801
25	0.162278	-0.012699	0.004350	0.031766	-0.005777	-0.008400	-0.008063	0.031415	0.020179	-0.022645	-0.011056	-0.156206
26	0.265057	-0.059714	-0.055259	0.079816	0.046501	-0.016542	-0.016429	0.044289	0.081548	-0.056005	-0.060326	0.269508
27	-0.155202	-0.012135	-0.022910	0.022186	0.033769	-0.008996	-0.009575	-0.002231	0.032889	0.001941	-0.014874	0.166837
28	-0.205517	-0.117038	0.261148	0.981820	0.549459	-0.214996	-0.225113	0.238113	0.115917	-0.064523	-0.053074	0.167374

29	0.235605	-0.222879	-0.212296	0.531600	1.005520	0.270842	-0.118247	-0.219798	0.144041	-0.063417	-0.056536	0.151473
30	0.149618	-0.055873	-0.061599	0.148426	-0.212899	-0.117137	0.268052	0.999063	0.553518	-0.217909	-0.227150	0.235291
31	0.165872	-0.052929	-0.063723	0.118871	0.237433	-0.224607	-0.215742	0.546348	1.007390	0.260194	-0.124012	-0.206914
32	0.115595	-0.062568	-0.052575	0.162094	0.148159	-0.054518	-0.060999	0.137354	-0.204406	-0.123358	0.259967	1.001000
33	0.139060	-0.060991	-0.054506	0.147016	0.165219	-0.051751	-0.062825	0.113537	0.241206	-0.229074	-0.217758	0.560511
34	0.546681	-0.217524	-0.224990	0.239424	0.120894	-0.065133	-0.053149	0.168380	0.149062	-0.056089	-0.062386	0.148135
35	0.996646	0.267248	-0.116341	-0.208857	0.141704	-0.062323	-0.056563	0.148847	0.164844	-0.054250	-0.064044	0.116757
36	-0.016366	-0.131556	0.031846	0.051785	-0.009249	0.002314	0.001518	-0.003211	-0.002942	0.001276	0.001360	-0.004800
37	0.050858	0.032150	-0.131273	-0.014226	0.013195	0.003014	0.002644	-0.004238	-0.004512	0.001223	0.001186	-0.002698
38	-0.004799	0.003147	0.003408	0.015138	-0.019014	-0.132557	0.032196	0.053288	-0.009524	0.002362	0.001561	-0.003342
39	-0.003361	0.001664	0.002503	-0.010066	0.052923	0.032215	-0.132753	-0.017705	0.014241	0.002989	0.002763	-0.004201
40	-0.002841	0.001182	0.001206	-0.004342	-0.004150	0.002531	0.002878	0.013501	-0.016023	-0.130937	0.032024	0.051019
41	-0.004749	0.001289	0.001244	-0.002796	-0.003328	0.001635	0.002513	-0.009977	0.052078	0.031875	-0.131718	-0.017574
42	-0.009633	0.002400	0.001512	-0.003220	-0.002563	0.001126	0.001190	-0.004244	-0.004053	0.002589	0.002905	0.013155
43	0.014173	0.003116	0.002834	-0.004269	-0.004659	0.001270	0.001240	-0.002933	-0.003401	0.001705	0.002561	-0.010060
44	-0.016837	0.000318	-0.000176	0.014475	0.031215	0.005584	0.001240	-0.027060	0.014823	-0.003673	-0.003242	0.009776
45	0.009644	-0.003031	-0.003395	0.014111	-0.022611	0.001227	0.003550	0.025646	0.018038	-0.000632	0.000782	-0.016961
46	0.013836	-0.003262	-0.002793	0.009269	0.009181	-0.002698	-0.003065	0.013256	-0.022166	0.001121	0.002845	0.025113
47	0.026431	0.003830	0.001115	-0.024374	0.014564	-0.003543	-0.003117	0.009866	0.010292	-0.003364	-0.003769	0.014884
48	-0.001137	0.001486	0.000955	-0.000165	-0.000920	0.000905	0.000826	0.001595	0.002794	0.003422	0.002741	0.004184
49	0.001178	-0.001447	-0.001352	0.002108	0.001878	-0.001326	-0.001105	0.000960	0.001444	-0.001614	-0.001706	-0.000186
50	0.004040	-0.004994	-0.004252	-0.000939	-0.003435	0.001616	0.000663	-0.000619	0.001329	0.000915	0.001294	-0.003740
51	-0.000504	-0.003994	-0.004130	0.000413	0.002301	-0.002156	-0.002281	-0.000278	0.001594	-0.001033	-0.001389	0.001801
52	0.002259	0.009808	0.008918	0.002002	-0.002448	0.004890	0.005646	-0.001586	-0.000641	-0.002802	-0.002829	0.001567
53	0.000075	-0.000005	-0.000037	-0.000627	-0.000385	0.000161	0.000267	-0.000754	0.000832	-0.000091	-0.000074	0.000434
54	0.000067	-0.000460	-0.000473	0.000081	-0.000041	-0.000197	-0.000180	0.000059	0.000081	-0.000184	-0.000218	0.000078
55	0.000284	0.001102	0.001022	0.000593	0.000290	0.000457	0.000640	0.000189	0.000022	0.000284	0.000301	-0.000061
56	0.002804	0.000510	0.000718	0.002139	-0.000494	0.001212	0.001037	-0.001133	-0.000178	0.000134	0.000126	-0.000961
57	-0.000090	-0.000064	-0.000116	0.000069	0.000043	-0.000070	-0.000063	-0.000123	0.000095	-0.000237	-0.000232	0.000112
58	-0.000068	-0.000210	-0.000273	-0.000224	0.000038	-0.000252	-0.000241	0.000059	0.000039	-0.000293	-0.000322	0.000008
59	-0.000009	-0.000315	-0.000303	0.000192	-0.000149	-0.000194	-0.000197	-0.000257	-0.000060	-0.000360	-0.000374	0.000098
60	0.002561	-0.000146	0.000824	0.009080	0.008264	0.001216	0.000060	0.002132	0.018085	-0.005362	-0.003363	0.001697
61	0.001389	-0.003246	-0.003260	-0.009681	0.014984	0.004243	-0.000909	-0.004339	0.038858	-0.019917	-0.020612	0.053126
62	0.022540	-0.008434	-0.004206	0.000160	-0.019117	-0.006363	-0.005401	0.029563	-0.065069	0.016785	0.026071	-0.013820
63	0.010385	-0.000013	0.002206	-0.001512	0.023237	-0.000769	-0.004076	0.001913	0.012141	-0.003936	0.001429	0.002464
64	0.012971	-0.014015	-0.016159	0.051500	0.031788	-0.006523	-0.003560	0.028407	-0.051513	0.010017	0.016707	-0.029481
65	-0.012255	0.002323	-0.004363	-0.004849	-0.005533	-0.006661	-0.001384	0.008873	-0.027734	0.006988	0.005714	-0.008411
66	-0.005561	0.007457	0.007458	-0.025760	-0.026628	0.003352	0.002986	-0.021048	0.049386	-0.005265	-0.012016	0.009328
67	0.008247	0.003259	0.002760	0.008685	-0.010433	-0.005687	-0.002494	0.016095	-0.031055	0.014475	0.016126	-0.040027
68	-0.009431	0.006902	0.004805	-0.005362	0.007239	0.007045	0.008124	-0.029640	0.046825	-0.013362	-0.022675	0.013071
69	-0.374559	0.063038	0.142394	-0.140712	-0.142795	0.143340	0.063648	-0.379998	0.309762	-0.084967	-0.119131	0.204192
70	0.196843	-0.114914	-0.080852	0.305093	-0.370326	0.058620	0.138486	-0.134542	-0.131668	0.140731	0.059318	-0.369493
71	0.313165	-0.084646	-0.118828	0.204496	0.202462	-0.120745	-0.085329	0.315836	-0.374661	0.063677	0.142949	-0.154907
72	-0.137122	0.138288	0.058232	-0.371211	0.307303	-0.081364	-0.116097	0.196306	0.199861	-0.119118	-0.084260	0.317670
73	2.866510	-0.297198	-0.698421	0.921075	-0.150595	0.068643	0.076666	-0.061854	-0.152662	0.029694	0.042457	-0.017733
74	-0.297198	1.494620	0.301874	-0.703137	0.164386	-0.045131	-0.034337	0.076953	0.028925	-0.014863	-0.013498	0.043751
75	-0.698421	0.301874	1.488570	-0.302532	0.041446	-0.040366	-0.044596	0.068341	0.042862	-0.013892	-0.014764	0.030720
76	0.921075	-0.703137	-0.302532	2.861570	-0.998437	0.038065	0.166185	-0.147684	-0.014701	0.043993	0.029648	-0.157348
77	-0.150595	0.164386	0.041446	-0.998437	2.868480	-0.292254	-0.702275	0.908862	-0.152368	0.070896	0.078391	-0.064092
78	0.068643	-0.045131	-0.040366	0.038065	-0.292254	1.496490	0.305979	-0.704508	0.166478	-0.045951	-0.035184	0.078334

79	0.076666	-0.034337	-0.044596	0.166185	-0.702275	0.305979	1.496340	-0.294346	0.041540	-0.041817	-0.045854	0.070661
80	-0.061854	0.076953	0.068341	-0.147684	0.908862	-0.704508	-0.294346	2.876200	-0.999492	0.045412	0.168600	-0.156475
81	-0.152662	0.028925	0.042862	-0.014701	-0.152368	0.166478	0.041540	-0.999492	2.862900	-0.305375	-0.706084	0.908364
82	0.029694	-0.014863	-0.013892	0.043993	0.070896	-0.045951	-0.041817	0.045412	-0.305375	1.494480	0.307535	-0.707543
83	0.042457	-0.013498	-0.014764	0.029648	0.078391	-0.035184	-0.045854	0.168600	-0.706084	0.307535	1.494720	-0.308783
84	-0.017733	0.043751	0.030720	-0.157348	-0.064092	0.078334	0.070661	-0.156475	0.908364	-0.707543	-0.308783	2.874810
85	-0.154629	0.069841	0.078088	-0.059605	-0.155052	0.029600	0.043317	-0.013441	-0.165797	0.174017	0.048201	-1.020250
86	0.164741	-0.045441	-0.034664	0.078382	0.029759	-0.014793	-0.013737	0.041832	0.070157	-0.046178	-0.041477	0.047129
87	0.041624	-0.041633	-0.045695	0.070382	0.043598	-0.014027	-0.014925	0.029204	0.078643	-0.035672	-0.046203	0.171456
88	-0.998345	0.042398	0.166422	-0.157175	-0.014716	0.043218	0.029151	-0.152710	-0.058637	0.078005	0.069466	-0.158596
89	-0.053674	-0.121133	0.073121	0.292040	0.299029	0.075315	-0.122816	-0.055876	0.040264	-0.022508	-0.019304	0.036852
90	0.035678	-0.018750	-0.022070	0.040522	-0.058589	-0.121134	0.076469	0.296248	0.299613	0.074748	-0.123794	-0.055529
91	0.037577	-0.021871	-0.018137	0.035146	0.035439	-0.018431	-0.021877	0.038170	-0.054526	-0.123277	0.074681	0.300236
92	0.295792	0.075279	-0.121534	-0.054455	0.039412	-0.022801	-0.018786	0.037125	0.035660	-0.018161	-0.021956	0.038348
93	0.205409	-0.695062	-0.170742	0.372145	-0.085539	0.023294	0.018843	-0.039582	-0.017001	0.007862	0.007142	-0.022760
94	0.091801	-0.699532	-0.131156	0.330958	-0.078830	0.021852	0.015499	-0.037399	-0.011914	0.007003	0.006353	-0.021004
95	0.329055	-0.131030	-0.696699	0.094496	-0.008199	0.019472	0.021589	-0.033146	-0.020358	0.006527	0.006865	-0.012811
96	0.369514	-0.170967	-0.691762	0.207887	-0.033331	0.021109	0.023136	-0.035657	-0.022193	0.007378	0.007797	-0.018073
97	-0.035711	0.023319	0.021058	-0.031773	0.203800	-0.695152	-0.172904	0.371897	-0.086464	0.023698	0.019191	-0.040199
98	-0.033061	0.021862	0.019343	-0.006479	0.088625	-0.701479	-0.133182	0.332804	-0.079902	0.022234	0.015943	-0.038087
99	-0.037131	0.015468	0.021570	-0.079685	0.331588	-0.133408	-0.701203	0.088984	-0.007756	0.020090	0.022250	-0.034199
100	-0.039364	0.018765	0.022972	-0.086208	0.370491	-0.172672	-0.695115	0.205445	-0.034000	0.021780	0.023652	-0.036631
101	-0.017568	0.007866	0.007367	-0.022777	-0.036787	0.023791	0.021859	-0.034375	0.206773	-0.696307	-0.173806	0.375626
102	-0.012147	0.006966	0.006507	-0.021163	-0.034167	0.022171	0.020025	-0.010757	0.097442	-0.697326	-0.133440	0.331098
103	-0.020311	0.006308	0.006926	-0.012222	-0.038129	0.015940	0.022182	-0.080933	0.333752	-0.133739	-0.699578	0.097131
104	-0.022183	0.007195	0.007842	-0.017452	-0.040268	0.019262	0.023674	-0.087729	0.372361	-0.173749	-0.695050	0.211705
105	-0.086699	0.023652	0.019179	-0.040462	-0.017670	0.007908	0.007361	-0.021991	-0.036618	0.024016	0.021772	-0.035274
106	-0.078149	0.021746	0.015492	-0.037851	-0.012115	0.006854	0.006368	-0.019761	-0.033680	0.022186	0.019776	-0.011827
107	-0.007675	0.020006	0.022109	-0.033994	-0.021038	0.006654	0.007049	-0.012140	-0.038220	0.016197	0.022306	-0.082479
108	-0.033823	0.021702	0.023620	-0.036500	-0.022458	0.007373	0.007850	-0.017074	-0.040298	0.019510	0.023801	-0.089194
109	-0.079397	0.087299	0.046141	-0.083507	-0.217700	-0.127269	0.034778	0.143923	-0.029633	0.012457	0.011546	-0.017322
110	0.133270	0.033788	-0.119524	-0.208780	-0.081162	0.052009	0.088080	-0.088184	-0.010375	0.010020	0.007633	-0.019520
111	-0.019180	0.007731	0.010063	-0.010436	-0.081830	0.086411	0.047886	-0.084937	-0.209017	-0.118433	0.035984	0.131179
112	-0.016511	0.010855	0.011944	-0.029712	0.139449	0.034696	-0.124068	-0.211303	-0.089407	0.043468	0.087340	-0.075748
113	-0.025898	0.011381	0.010155	-0.015535	-0.018729	0.007703	0.010043	-0.009726	-0.080118	0.087446	0.045812	-0.091996
114	-0.011660	0.010471	0.007991	-0.019538	-0.016684	0.010650	0.011808	-0.028244	0.134311	0.035927	-0.120387	-0.208324
115	-0.214041	-0.124406	0.034376	0.139032	-0.028021	0.012301	0.010892	-0.017160	-0.020101	0.008100	0.010563	-0.011516
116	-0.081372	0.049406	0.087208	-0.085055	-0.011303	0.010427	0.007846	-0.019784	-0.015524	0.010111	0.011354	-0.026934
117	0.004276	-0.011004	-0.009853	0.004605	0.001827	-0.002520	-0.004229	0.005317	0.003493	0.008807	0.008864	-0.000873
118	0.002266	-0.005061	-0.004212	-0.000674	-0.001114	0.000169	-0.000793	0.000036	0.000898	0.005405	0.005399	-0.001773
119	0.002568	-0.004545	-0.003686	-0.000528	-0.001564	0.000427	-0.000218	0.000960	0.000521	-0.000646	0.000137	-0.005130
120	0.001206	0.001119	0.001269	0.000193	-0.000517	0.001571	0.001468	-0.000251	0.000179	0.000573	0.000730	-0.001011
121	-0.000592	-0.000552	-0.000656	0.000078	0.000426	-0.000955	-0.000862	0.000283	-0.000083	-0.000443	-0.000518	0.000610
122	-0.000614	-0.000561	-0.000607	-0.000293	0.000095	-0.000622	-0.000611	-0.000033	-0.000105	-0.000137	-0.000220	0.000421
123	0.001154	-0.000964	-0.000811	-0.000679	-0.002467	0.001269	0.000757	0.000250	-0.000001	0.002709	0.002805	-0.000396
124	0.000048	0.000450	0.000371	0.000631	0.000682	-0.000472	-0.000246	-0.000024	-0.000267	-0.001240	-0.001235	0.000072
125	-0.001201	0.000499	0.000424	0.000096	0.001779	-0.000782	-0.000498	-0.000230	0.000283	-0.001461	-0.001560	0.000295
126	0.002496	-0.007927	-0.006693	-0.002857	-0.001749	0.000948	-0.000299	-0.000711	0.000337	0.002017	0.002450	-0.003632
127	0.002979	-0.001136	-0.000987	0.000715	-0.002842	0.000992	0.000440	-0.000852	-0.000746	0.001330	0.001801	-0.002895
128	-0.000180	0.000267	0.000232	-0.000069	0.000091	0.000073	0.000142	0.000033	0.000095	-0.000039	-0.000027	-0.000091

129	-0.000017	-0.000208	-0.000230	-0.000157	0.000159	-0.000204	-0.000225	0.000017	0.000230	-0.000155	-0.000169	-0.000011
130	-0.000085	-0.000232	-0.000234	0.000118	0.000063	-0.000205	-0.000161	-0.000175	-0.000100	-0.000287	-0.000341	0.000286
131	-0.000077	0.000093	0.000023	-0.000287	-0.000136	0.000074	0.000086	0.000174	-0.000072	0.000117	0.000124	0.000024
132	0.000358	-0.000022	0.000046	0.000394	-0.000265	0.000197	0.000104	-0.000233	0.000002	0.000147	0.000177	-0.000062
133	0.000005	0.000111	0.000170	0.000004	0.000077	0.000076	0.000063	0.000184	-0.000157	0.000227	0.000247	-0.000150
134	-0.047906	-0.008437	0.031514	0.036549	-0.017305	-0.001328	-0.001812	-0.008436	-0.003207	0.003186	0.003180	-0.012280
135	-0.015579	-0.015731	-0.000096	0.017568	0.000911	0.003403	0.000881	-0.009006	0.000540	-0.000369	0.000773	0.000264
136	0.005086	0.010939	-0.010710	-0.013731	0.006959	0.006575	0.002375	-0.012074	0.004224	0.000582	-0.001224	-0.005634
137	0.012139	-0.007390	-0.009633	-0.002440	-0.003414	0.008139	0.005090	-0.017272	0.010776	0.000625	-0.003529	-0.006173
138	-0.018245	-0.014971	0.012346	0.017903	0.015088	-0.004382	-0.007650	0.002900	0.007008	-0.000799	-0.003836	-0.003666
139	-0.022636	0.010484	0.010039	-0.030376	0.110656	-0.014296	-0.045200	0.039616	0.025740	-0.001949	-0.008479	0.011483
140	0.008732	-0.005732	-0.010559	0.006563	0.001789	0.017659	-0.000700	-0.025348	0.020628	-0.003191	-0.007946	0.006693
141	-0.015272	0.006075	0.004235	-0.022124	0.021045	-0.021302	-0.013632	0.024877	0.012641	-0.002075	-0.005783	0.005511
142	-0.008453	0.005217	0.002530	-0.014211	0.005624	0.007354	0.008359	-0.006307	0.011600	-0.003023	-0.002861	0.009359
143	-0.006367	0.004095	0.002296	-0.011886	0.040020	0.013875	-0.022140	-0.052084	0.009802	0.004240	0.002976	0.006780
144	0.003134	0.004016	0.003136	-0.010274	-0.005669	0.004610	0.008029	-0.006282	0.138026	-0.087748	-0.055639	0.217104
145	0.006808	0.000998	-0.000021	-0.002595	0.010028	0.001151	-0.000673	0.018061	-0.057254	-0.015124	0.025384	0.043707
146	0.000962	0.000657	0.000316	-0.000915	0.002500	-0.000882	-0.002357	-0.007131	0.028044	-0.005275	-0.004002	0.013434
147	0.005877	-0.000717	-0.000591	0.004133	0.001102	-0.002709	-0.000496	0.010020	-0.006087	-0.006624	-0.011134	-0.008986
148	0.006336	-0.001871	-0.000499	0.005680	0.008129	-0.008493	-0.003626	0.033248	-0.070534	0.016372	0.027036	-0.065577
149	0.008161	0.006541	0.007537	-0.005579	-0.014948	0.002385	0.002572	-0.006331	0.001227	-0.002753	-0.000150	-0.019388
150	0.005026	-0.001807	-0.000117	0.004056	0.000895	-0.003168	-0.001993	0.006413	0.000162	-0.009955	-0.002353	0.033688
151	-0.011124	-0.004096	0.000766	0.006544	-0.002637	-0.002998	-0.000757	0.007645	-0.014168	0.002519	0.007147	0.002589
152	-0.006631	-0.004350	-0.002188	0.006582	-0.005345	-0.000108	0.001327	0.000724	-0.006350	-0.002138	0.004936	0.012945
153	0.005374	-0.002702	0.001213	0.006826	-0.003168	0.000155	0.000553	0.000330	-0.002104	-0.004038	0.000683	0.009566
154	0.010531	-0.000968	-0.013882	-0.015584	0.004958	0.001948	0.003465	-0.006229	0.012324	-0.001310	-0.005987	0.000111
155	0.001057	0.004330	0.001376	-0.009905	0.026545	-0.001606	-0.006697	0.005624	-0.028013	0.007708	0.010973	0.001656
156	0.000845	-0.000960	0.000719	0.004217	0.001287	-0.004649	-0.001377	0.012050	-0.020148	0.007102	0.005924	-0.007907
157	-0.007659	-0.008050	-0.003730	0.015004	-0.002265	0.002083	0.001274	-0.005403	-0.000573	-0.001957	0.000923	0.004039
158	-0.000838	0.000477	0.000554	-0.001823	-0.000394	-0.000219	-0.000264	0.000799	-0.000401	0.001041	0.001033	-0.001038
159	-0.000225	-0.001565	-0.001761	0.006418	-0.001288	0.002012	0.001492	0.000393	0.002427	0.001877	0.002364	-0.005681
160	0.000099	-0.001933	-0.002216	0.006473	-0.000764	0.002082	0.001677	-0.000666	0.002062	0.001078	0.001356	-0.003982
161	0.000693	-0.001154	-0.001080	0.001788	0.000938	0.000266	0.000315	-0.000720	0.000123	-0.000470	-0.000490	0.001204
162	-0.001157	-0.003299	-0.003469	0.007972	-0.007637	0.003148	0.002905	0.002143	0.008352	-0.002170	-0.001360	0.003168
163	0.002530	-0.004474	-0.005637	0.012943	0.004257	0.002837	0.003490	-0.007581	0.000052	-0.004288	-0.005102	0.008345
164	0.014973	0.004368	-0.013060	0.005975	-0.008856	0.008284	0.004633	-0.021628	0.012390	0.000089	-0.003156	-0.006286
165	-0.007955	-0.022661	0.000539	0.046774	-0.023777	-0.000583	0.002444	-0.004804	0.003141	0.000318	-0.000338	-0.000653
166	-0.029653	-0.006044	0.035522	0.034681	-0.012101	-0.013652	-0.005711	0.022842	-0.014979	-0.000629	0.005599	0.009332
167	-0.019674	0.007936	0.005149	-0.014172	-0.022936	-0.029507	0.006329	0.036069	0.023074	-0.004611	-0.010901	0.011849
168	0.007882	-0.003890	-0.003938	0.013644	-0.039243	0.029918	0.033505	-0.032458	0.008921	-0.002803	-0.002848	0.004692
169	0.018518	-0.010434	-0.005784	0.028692	-0.017471	0.010315	-0.013209	-0.036411	-0.002297	0.004377	0.004030	-0.014457
170	-0.020060	-0.005347	0.000076	0.009892	-0.028527	0.012396	0.008011	-0.060788	0.117789	-0.016425	-0.019828	0.042763
171	-0.000731	-0.001177	-0.001077	0.001812	-0.004359	0.001968	0.003803	0.009389	-0.035232	-0.020586	0.000998	-0.002114
172	-0.006617	-0.001303	-0.001202	-0.002754	-0.004577	0.005126	0.003212	-0.003089	-0.043323	-0.008724	0.027983	0.023491
173	-0.010683	-0.004289	0.001150	0.009440	-0.007248	-0.003662	-0.000037	0.008390	-0.019851	0.002535	0.012517	0.012852
174	0.007518	0.001677	-0.000273	-0.000105	-0.002611	0.001103	0.000848	-0.003533	0.002321	-0.001460	0.001027	0.015204
175	0.010737	0.008407	0.003207	-0.010739	0.007016	0.000911	-0.001463	-0.004540	0.011717	0.001794	-0.006661	-0.004701
176	0.075277	-0.005628	-0.061378	-0.036317	-0.009291	0.010571	0.016861	-0.017241	0.011481	0.001463	-0.002757	-0.001100
177	0.012731	-0.001877	-0.003546	0.042376	-0.046182	-0.002771	0.006004	0.011380	-0.010710	0.001433	0.006892	0.005051
178	0.008213	0.001366	0.001375	0.004778	0.049496	-0.004940	-0.012905	-0.006684	-0.007341	0.005623	0.013088	-0.014302

179	0.003682	-0.003796	-0.000384	0.017577	-0.010043	0.004740	0.005721	0.008099	-0.009054	-0.033707	-0.005068	0.016103
180	0.020829	-0.002281	-0.004660	0.009069	-0.004832	-0.001334	0.001159	0.009333	-0.019236	-0.012612	0.002574	0.057438
181	0.025943	-0.003961	-0.008628	0.005384	-0.001558	0.005213	0.002447	-0.013117	0.025587	-0.026091	-0.011007	0.044831
182	-0.015248	-0.000368	-0.011211	-0.005489	-0.000235	0.006465	0.003465	-0.016265	0.022650	-0.008358	-0.008963	0.026569
183	0.030127	0.028874	0.004201	-0.057647	0.000406	0.004086	0.001796	-0.012847	0.021028	-0.002631	-0.007070	0.008921
184	-0.000887	-0.001326	-0.001435	0.005323	-0.002531	0.002872	0.002291	-0.000444	0.003237	-0.000477	-0.000288	-0.001729
185	0.000107	-0.001703	-0.002039	0.007991	-0.001668	0.002424	0.001712	0.001052	0.003148	0.002682	0.003414	-0.007579
186	-0.000508	0.000090	-0.000109	-0.001156	0.000587	-0.000170	-0.000064	-0.000077	-0.000605	-0.000245	-0.000428	0.000437
187	-0.000349	0.003063	0.003828	-0.009643	-0.000123	-0.002886	-0.002352	0.000416	-0.002800	-0.001329	-0.001756	0.005858
188	0.001643	-0.000166	-0.000252	-0.002817	0.003713	-0.002316	-0.001673	-0.000884	-0.003025	-0.000597	-0.000923	0.003202
189	0.000145	0.000044	0.000090	0.000144	0.000091	-0.000077	-0.000096	0.000011	0.000025	-0.000028	-0.000018	0.000006
190	0.004306	0.000837	-0.001152	-0.023573	0.003016	0.012155	0.003657	-0.014663	0.000648	0.000501	0.000643	-0.001296
191	-0.006012	0.000846	0.005581	0.000761	-0.007629	0.000234	-0.000291	0.001685	-0.000804	0.000248	0.000507	-0.000198
192	0.002668	-0.000998	-0.002079	-0.003759	0.002352	0.002901	0.000854	-0.003090	0.000015	0.000035	-0.000034	-0.000047
193	-0.004744	0.001291	0.003977	0.005371	-0.008832	-0.004145	-0.001638	0.005968	-0.000206	0.000049	0.000177	-0.000229
194	0.001803	-0.001155	-0.000029	-0.009117	0.004961	0.006812	0.001899	-0.008407	0.000740	0.000247	0.000155	-0.000251
195	-0.010190	0.004116	0.009034	0.000670	-0.024364	-0.001851	0.000985	0.005677	-0.000120	0.000508	0.000764	-0.000823
196	-0.000075	0.000153	-0.000093	0.001674	-0.003667	-0.000975	-0.000518	0.001058	-0.000037	0.000017	0.000162	0.000186
197	-0.000365	0.000396	0.000435	-0.000922	-0.000954	0.000573	0.000217	-0.000492	0.000043	0.000066	0.000092	-0.000100
198	0.000084	0.000129	0.000016	-0.000353	-0.000258	0.000087	0.000215	0.000027	-0.000177	0.000089	0.000058	-0.000150
199	-0.000418	0.000288	0.000462	-0.000827	-0.001124	0.000276	0.000307	-0.000154	-0.000066	0.000090	0.000108	-0.000080
200	-0.000200	-0.000283	-0.000167	-0.001374	0.000719	-0.000300	0.000056	0.000147	0.000094	-0.000110	-0.000067	0.000306
201	-0.000850	0.000533	0.000288	0.000930	-0.013396	0.003574	0.012014	0.001144	-0.022370	-0.000827	0.000967	0.003681
202	-0.000034	0.000346	0.000229	0.000084	0.002502	-0.000818	-0.000401	-0.008842	0.002457	0.006024	0.001395	-0.006623
203	-0.000367	0.000023	0.000241	-0.000302	-0.003756	0.001031	0.003095	0.003572	-0.005112	-0.002014	-0.001177	0.002838
204	-0.000104	0.000247	0.000079	-0.000772	0.004008	-0.001012	-0.002862	-0.005705	0.002870	0.003185	0.000616	-0.003504
205	-0.000071	0.000095	0.000042	0.001607	-0.006872	0.001170	0.005764	0.002471	-0.006272	0.001070	-0.000528	0.000129
206	-0.001410	0.000827	0.000769	-0.000581	0.004766	0.001186	-0.001502	-0.022066	-0.001656	0.008160	0.003531	-0.009070
207	0.000233	0.000056	-0.000061	0.000340	-0.000048	-0.000558	-0.000231	-0.002028	0.001011	-0.000065	0.000040	-0.000208
208	-0.000099	0.000096	0.000093	-0.000053	-0.000560	0.000314	0.000596	-0.000779	-0.001189	0.000347	0.000311	-0.000235
209	-0.000122	0.000057	0.000078	-0.000125	0.000051	0.000180	0.000068	-0.000298	-0.000339	0.000067	0.000195	0.000042
210	-0.000131	0.000114	0.000140	-0.000113	-0.000301	0.000404	0.000399	-0.000867	-0.001023	0.000430	0.000290	-0.000335
211	0.000248	-0.000028	-0.000034	0.000087	0.000181	0.000024	-0.000345	0.000776	-0.001690	-0.000182	-0.000232	-0.000113
212	-0.000639	0.000634	0.000866	-0.001200	-0.001133	0.000756	0.000647	-0.000457	0.004896	0.001315	-0.001261	-0.022862
213	0.000576	0.000124	0.000286	0.000441	0.000030	0.000073	0.000053	0.001408	-0.006825	0.001287	0.005716	0.002612
214	-0.000044	0.000127	0.000013	-0.000443	-0.000211	0.000213	0.000097	-0.000517	0.004019	-0.001051	-0.002812	-0.005805
215	0.000227	-0.000187	-0.000054	0.000095	-0.000280	-0.000026	0.000140	-0.000303	-0.003487	0.001038	0.002982	0.003143
216	0.000620	0.000169	0.000185	-0.000254	0.000132	0.000315	0.000158	0.000254	0.002248	-0.000766	-0.000190	-0.008870
217	0.000243	0.000507	0.000642	-0.000789	-0.001127	0.000653	0.000489	0.000602	-0.013303	0.003425	0.011489	0.001366
218	0.000288	-0.000090	-0.000019	0.000207	0.000269	-0.000034	-0.000074	0.000145	0.000254	-0.000053	-0.000375	0.000395
219	0.000011	0.000065	0.000066	-0.000086	-0.000109	0.000097	0.000125	-0.000130	-0.000317	0.000418	0.000405	-0.000972
220	-0.000156	0.000067	0.000047	-0.000098	-0.000099	0.000037	0.000066	-0.000106	0.000044	0.000210	0.000090	-0.000336
221	-0.000003	0.000096	0.000082	-0.000107	-0.000116	0.000115	0.000115	-0.000037	-0.000519	0.000283	0.000557	-0.000795
222	-0.000015	-0.000019	-0.000016	0.000085	0.000241	0.000042	-0.000067	0.000443	0.000250	-0.000508	-0.000302	-0.002590
223	-0.023436	-0.001728	0.001045	0.005560	-0.000341	0.000647	0.000851	-0.001226	-0.001464	0.000938	0.000707	-0.000604
224	0.004882	0.006933	0.001986	-0.008456	0.000625	0.000211	0.000162	-0.000406	0.000237	0.000221	0.000086	0.001111
225	-0.007418	-0.003667	-0.001416	0.005084	-0.000280	0.000016	0.000132	-0.000200	-0.000602	0.000135	0.000275	-0.000552
226	0.003843	0.003315	0.001037	-0.003758	-0.000306	0.000183	0.000033	-0.000370	-0.000004	0.000068	-0.000066	0.000052
227	-0.008530	-0.000250	-0.000902	0.002323	0.000274	0.000123	0.000350	0.000208	-0.000227	0.000169	0.000144	0.000852
228	0.000390	0.010989	0.003408	-0.012353	0.000749	0.000414	0.000594	-0.001272	-0.001049	0.000731	0.000614	-0.000167

229	0.000850	-0.000398	0.000017	0.000235	0.000156	-0.000058	-0.000018	0.000179	0.000263	0.000071	-0.000041	0.000362
230	-0.001113	0.000318	0.000360	-0.000163	-0.000051	0.000102	0.000093	-0.000139	-0.000134	0.000120	0.000119	-0.000084
231	-0.000237	0.000091	0.000212	0.000021	-0.000154	0.000063	0.000036	-0.000141	-0.000114	0.000049	0.000070	-0.000133
232	-0.000881	0.000567	0.000261	-0.000520	0.000005	0.000074	0.000074	-0.000141	-0.000118	0.000077	0.000092	-0.000026
233	-0.002702	-0.000889	-0.000590	0.000765	0.000142	-0.000014	0.000076	0.000094	0.000089	0.000018	-0.000008	-0.000070
234	-0.016054	0.005111	0.011842	0.012567	-0.030731	-0.000614	0.001387	0.005113	0.002294	0.000617	0.000691	-0.000646
235	0.003689	0.000876	0.000500	-0.034155	0.023335	0.019691	0.005304	-0.027740	0.002286	-0.000156	0.000163	0.000359
236	0.005208	-0.002256	-0.004781	0.003050	0.003231	-0.003954	-0.001113	0.004610	-0.001823	-0.000072	-0.000147	-0.000018
237	0.003753	-0.001871	-0.003725	0.003098	0.000511	-0.004256	-0.000784	0.006005	-0.002329	0.000053	-0.000048	-0.000251
238	-0.000191	0.000412	0.000340	0.000736	0.000510	-0.000664	-0.000832	0.000563	0.000443	-0.000039	0.000019	0.000102
239	0.000511	0.000034	-0.000436	0.001660	0.001289	-0.000921	-0.000910	0.000820	0.000344	-0.000122	-0.000095	0.000135
240	-0.001785	0.000349	0.001374	-0.000679	0.001086	0.001897	0.000474	-0.002590	0.000640	-0.000059	-0.000088	0.000155
241	-0.001740	0.000358	0.001351	-0.000525	0.000865	0.001943	0.000455	-0.002671	0.000642	-0.000050	-0.000070	0.000116
242	0.000655	-0.000730	-0.000840	0.002011	0.000832	-0.001074	0.000071	0.001382	-0.000456	-0.000041	-0.000060	0.000194
243	0.000361	-0.000577	-0.000527	0.001263	-0.000132	-0.000351	0.000393	0.000729	-0.000342	0.000034	0.000035	0.000147
244	0.002402	-0.000888	-0.002254	0.005460	-0.000958	-0.005417	-0.002087	0.006374	-0.000918	0.000009	-0.000116	-0.000272
245	0.003093	-0.000797	-0.002778	0.005721	-0.000039	-0.006376	-0.002378	0.007543	-0.000788	-0.000173	-0.000282	-0.000021
246	-0.000466	0.000841	0.000378	0.001717	0.002968	0.001905	0.000327	-0.025439	0.009500	0.010411	0.004086	-0.014547
247	0.000279	0.000003	0.000134	0.002818	-0.021752	0.004650	0.016648	0.013495	-0.027101	0.002107	0.002040	0.001323
248	0.000009	-0.000310	-0.000153	-0.001154	0.004487	-0.001470	-0.003446	0.002318	0.003403	-0.004295	-0.001759	0.004626
249	-0.000355	-0.000110	0.000118	-0.001856	0.004981	-0.001099	-0.004003	0.001957	0.002312	-0.003463	-0.001535	0.003739
250	0.000141	0.000086	-0.000044	-0.000085	0.000208	-0.000458	-0.000475	0.001141	-0.000107	-0.000128	0.000019	0.000427
251	0.000158	0.000003	-0.000098	-0.000146	0.000506	-0.000583	-0.000783	0.002024	0.000771	-0.000868	-0.000314	0.001109
252	0.000212	-0.000098	-0.000064	0.000753	-0.002270	0.000450	0.001699	0.000718	-0.000015	0.001583	0.000407	-0.002103
253	0.000228	-0.000093	-0.000075	0.000761	-0.002311	0.000418	0.001733	0.000410	0.000251	0.001595	0.000421	-0.002131
254	0.000040	-0.000071	0.000043	-0.000362	0.001281	-0.000063	-0.001081	0.000823	0.001895	-0.000750	-0.000539	0.000663
255	0.000001	0.000031	0.000117	-0.000231	0.000618	0.000263	-0.000362	-0.000097	0.001278	-0.000444	-0.000395	0.000359
256	-0.000269	-0.000054	-0.000089	-0.001196	0.005086	-0.001857	-0.004660	0.000646	0.003732	-0.002636	-0.001235	0.002968
257	0.000023	-0.000226	-0.000268	-0.001025	0.006354	-0.002176	-0.005700	0.001734	0.004348	-0.003043	-0.001175	0.003452
258	0.003320	-0.000161	0.000076	0.000542	0.000615	0.000193	0.000170	0.001904	-0.022320	0.004859	0.016442	0.014391
259	0.000334	0.000886	0.001024	-0.000264	-0.000660	0.000794	0.000504	0.001733	0.003367	0.001887	0.000429	-0.026283
260	-0.001462	-0.000026	-0.000138	-0.000124	-0.000013	-0.000280	-0.000263	-0.000589	0.006499	-0.002341	-0.005772	0.001616
261	-0.001386	0.000009	-0.000151	-0.000410	-0.000339	-0.000103	-0.000087	-0.000999	0.004989	-0.001830	-0.004501	0.001257
262	0.000025	-0.000054	0.000030	0.000065	0.000022	0.000033	0.000066	-0.000296	0.000677	0.000293	-0.000336	-0.000452
263	-0.000020	-0.000133	-0.000091	0.000074	0.000056	-0.000067	-0.000001	-0.000404	0.001340	-0.000014	-0.001043	0.000529
264	0.000747	-0.000080	-0.000102	0.000339	0.000260	-0.000098	-0.000069	0.000669	-0.002346	0.000478	0.001753	0.000543
265	0.000766	-0.000090	-0.000095	0.000351	0.000276	-0.000111	-0.000074	0.000682	-0.002303	0.000481	0.001695	0.000794
266	-0.000072	-0.000006	-0.000066	0.000008	0.000100	-0.000001	-0.000063	-0.000055	0.000452	-0.000640	-0.000786	0.002173
267	0.000027	0.000081	0.000034	-0.000031	0.000079	0.000103	0.000005	-0.000003	0.000222	-0.000528	-0.000499	0.001325
268	-0.001213	-0.000131	-0.000186	-0.000465	-0.000387	-0.000190	-0.000035	-0.001376	0.005007	-0.001283	-0.003992	0.001500
269	-0.001068	-0.000294	-0.000336	-0.000088	-0.000007	-0.000272	-0.000153	-0.001274	0.004512	-0.001371	-0.003452	0.002442
270	0.017897	0.017687	0.004750	-0.023903	0.002750	-0.000022	0.000219	0.000757	0.000684	0.000089	-0.000221	0.003417
271	-0.029227	0.000406	0.002191	0.003423	0.001472	0.000482	0.000636	-0.000814	-0.000515	0.000699	0.000705	0.000950
272	0.000451	-0.006234	-0.002487	0.007245	-0.000663	-0.000281	-0.000324	-0.000045	-0.000283	-0.000074	0.000065	-0.001936
273	0.000002	-0.005243	-0.002063	0.005930	-0.001045	-0.000058	-0.000120	-0.000478	-0.000583	0.000022	0.000177	-0.002004
274	0.000538	-0.000084	0.000478	0.000277	-0.000440	0.000140	0.000098	0.000023	0.000182	0.000017	-0.000091	0.000379
275	0.001656	-0.000751	0.000188	0.000847	-0.000612	0.000077	-0.000004	0.000076	0.000266	-0.000126	-0.000209	0.000341
276	0.001018	0.002105	0.000601	-0.002917	0.000553	-0.000050	-0.000076	0.000234	0.000318	-0.000162	-0.000121	0.000946
277	0.001142	0.002009	0.000576	-0.002749	0.000582	-0.000062	-0.000084	0.000254	0.000303	-0.000144	-0.000112	0.000901
278	0.000822	-0.001117	-0.000976	0.001028	0.000425	-0.000200	-0.000147	0.000171	-0.000034	-0.000013	0.000070	-0.000601

279	-0.000017	-0.000808	-0.000851	0.000780	0.000476	-0.000141	-0.000055	0.000150	-0.000088	0.000086	0.000145	-0.000482
280	0.002149	-0.004233	-0.001086	0.005580	-0.002034	0.000164	0.000018	-0.000371	-0.000327	-0.000082	-0.000084	-0.001062
281	0.003394	-0.003808	-0.001329	0.004572	-0.001473	-0.000047	-0.000159	0.000043	0.000069	-0.000309	-0.000321	-0.000858
282	0.025042	-0.005612	-0.016832	-0.045841	0.049288	0.021734	0.005112	-0.031596	0.001142	-0.000202	-0.000660	-0.000176
283	-0.002115	0.000589	0.001914	0.002799	-0.001638	-0.002615	-0.000618	0.003030	-0.000648	0.000191	0.000128	-0.000219
284	-0.001061	0.000199	0.000818	-0.000600	-0.000281	-0.001208	-0.000315	0.001767	-0.000361	0.000091	0.000165	-0.000083
285	-0.003261	0.000625	0.002384	0.002684	-0.003076	-0.002996	-0.000540	0.004064	-0.000557	0.000118	0.000120	-0.000080
286	-0.001319	0.000222	0.000934	-0.000082	0.000677	-0.001206	-0.000081	0.001548	-0.000203	-0.000031	-0.000050	0.000124
287	0.003062	-0.000563	-0.002400	-0.001465	0.002181	0.000788	0.000784	-0.000379	-0.000370	0.000080	0.000158	-0.000133
288	-0.000058	-0.000342	-0.000193	0.001106	-0.027622	0.004381	0.018977	0.045548	-0.042947	-0.015105	-0.004719	0.023149
289	-0.000123	0.000178	0.000186	-0.000720	0.003254	-0.000678	-0.002688	-0.002085	0.003127	0.002302	0.000632	-0.002517
290	-0.000072	0.000106	0.000064	-0.000189	0.001620	-0.000338	-0.001133	-0.000130	-0.000612	0.000739	0.000226	-0.001037
291	-0.000001	0.000065	0.000078	-0.000472	0.003662	-0.000537	-0.002744	-0.002866	0.002569	0.002376	0.000608	-0.003298
292	0.000075	-0.000076	-0.000028	-0.000281	0.001347	-0.000025	-0.001127	0.000800	-0.000520	0.000710	0.000123	-0.001054
293	-0.000039	-0.000008	-0.000026	-0.000068	-0.001625	0.000828	0.001494	0.002648	-0.002023	-0.002557	-0.000796	0.003103
294	0.000390	-0.000108	0.000173	0.000737	-0.000107	-0.000310	-0.000100	0.001141	-0.026556	0.004183	0.017888	0.043932
295	0.000414	-0.000129	-0.000103	0.000128	-0.000005	-0.000001	0.000009	0.000105	0.001823	-0.000927	-0.001794	-0.002565
296	0.000353	-0.000099	-0.000133	0.000046	0.000091	-0.000078	-0.000026	-0.000324	0.001202	0.000046	-0.000956	0.000972
297	0.000344	-0.000057	-0.000056	-0.000039	0.000002	0.000053	0.000072	-0.000428	0.003527	-0.000518	-0.002588	-0.002688
298	-0.000088	0.000112	0.000119	-0.000173	-0.000041	0.000106	0.000056	-0.000204	0.001582	-0.000392	-0.001126	0.000036
299	-0.000201	0.000031	-0.000015	-0.000044	0.000156	-0.000179	-0.000201	0.000605	-0.002946	0.000660	0.002521	0.002315
300	0.048137	0.020226	0.004894	-0.029704	0.000627	-0.000143	-0.000426	-0.000287	0.001036	-0.000082	-0.000311	0.000694
301	-0.002275	-0.001015	-0.000857	0.000657	0.000426	-0.000086	-0.000123	0.000172	0.000320	-0.000240	-0.000234	0.000677
302	0.000687	-0.001143	-0.000056	0.001422	-0.000236	-0.000041	-0.000079	0.000106	0.000002	-0.000103	-0.000072	0.000274
303	-0.003323	-0.002941	-0.000630	0.004012	-0.000370	0.000059	0.000050	-0.000004	-0.000053	-0.000029	-0.000044	0.000191
304	-0.000431	-0.001229	-0.000342	0.001745	-0.000214	0.000069	0.000126	-0.000096	-0.000164	0.000143	0.000100	-0.000047
305	0.001732	0.002599	0.000689	-0.003122	0.000673	-0.000168	-0.000146	0.000160	-0.000032	0.000011	0.000033	-0.000133
306	0.029558	0.001930	-0.019526	-0.007552	-0.032614	-0.034567	0.000305	0.050482	-0.016575	0.004408	0.004354	-0.007835
307	-0.001255	0.000423	0.001732	-0.011162	0.012225	-0.001768	-0.000174	0.001459	-0.001276	0.000285	-0.000035	-0.000348
308	0.005079	-0.001284	-0.003734	-0.004902	0.004690	0.004090	0.000861	-0.005972	0.000392	-0.000040	0.000018	-0.000029
309	0.002463	-0.000509	-0.001684	-0.004013	0.004336	0.002922	0.000508	-0.003962	0.000460	-0.000126	-0.000147	0.000126
310	-0.003080	0.000601	0.002233	0.003838	-0.004271	-0.002080	-0.000437	0.003044	-0.000036	-0.000004	-0.000023	0.000035
311	-0.004216	0.001066	0.002826	0.004221	-0.005715	-0.004772	-0.001252	0.006467	-0.000759	0.000216	0.000286	-0.000217
312	0.001205	-0.000342	-0.001505	0.011654	-0.010889	0.001768	0.000527	-0.001276	0.001222	-0.000333	-0.000101	0.000430
313	-0.006615	0.003634	0.003649	-0.014109	0.042379	-0.000167	-0.029406	-0.028822	-0.006762	-0.017498	0.001096	0.026609
314	-0.000187	0.000055	0.000261	-0.001465	0.001895	-0.000330	-0.002237	0.011535	-0.010929	0.002003	0.000446	-0.001671
315	-0.000018	0.000049	-0.000047	0.000554	-0.005150	0.000711	0.003651	0.004067	-0.004137	-0.003281	-0.001012	0.004606
316	0.000059	-0.000120	-0.000099	0.000427	-0.003386	0.000457	0.002529	0.003868	-0.003691	-0.001601	-0.000392	0.002386
317	0.000049	-0.000011	0.000012	-0.000152	0.002668	-0.000358	-0.001860	-0.003839	0.003512	0.002018	0.000494	-0.002808
318	-0.000196	0.000223	0.000186	-0.000610	0.005869	-0.001192	-0.004354	-0.005009	0.003845	0.002587	0.000953	-0.004067
319	0.000290	-0.000196	-0.000311	0.001249	-0.002005	0.000725	0.002345	-0.010443	0.011218	-0.001792	-0.000509	0.001654
320	0.012981	-0.003562	-0.003468	0.006155	0.006125	-0.003488	-0.003599	0.013776	-0.041444	-0.000754	0.027485	0.027981
321	0.001163	-0.000182	0.000051	0.000145	-0.000259	0.000174	0.000329	-0.001194	0.001803	-0.000760	-0.002253	0.010498
322	0.000066	-0.000085	-0.000135	0.000205	0.000137	-0.000210	-0.000162	0.000595	-0.005616	0.001228	0.004169	0.004710
323	-0.000284	0.000084	0.000091	-0.000006	-0.000026	0.000020	-0.000014	0.000148	-0.002560	0.000295	0.001718	0.003639
324	0.000011	0.000018	0.000039	-0.000079	-0.000055	0.000109	0.000102	-0.000365	0.003226	-0.000436	-0.002374	-0.003863
325	0.000634	-0.000187	-0.000206	0.000049	0.000020	-0.000054	0.000049	-0.000629	0.004655	-0.000520	-0.003130	-0.003568
326	-0.001586	0.000352	0.000158	-0.000314	0.000186	-0.000038	-0.000303	0.001441	-0.001344	0.000173	0.001764	-0.011698
327	0.027643	0.031160	-0.000749	-0.046060	0.016389	-0.004158	-0.004089	0.007403	0.007948	-0.004224	-0.004267	0.014715
328	0.009573	-0.002306	-0.000910	0.002014	-0.000868	0.000175	0.000025	-0.000258	0.000268	-0.000006	-0.000213	0.000871

329	0.005813	0.004650	0.001316	-0.006347	0.000507	-0.000167	-0.000228	0.000188	0.000220	-0.000187	-0.000111	0.000115
330	0.004499	0.002041	0.000508	-0.002993	-0.000102	0.000055	0.000076	-0.000135	0.000016	0.000090	0.000057	-0.000087
331	-0.004482	-0.002841	-0.000589	0.003902	-0.000272	0.000067	0.000093	-0.000046	-0.000142	0.000071	0.000057	-0.000176
332	-0.004862	-0.003862	-0.000876	0.005698	-0.000393	0.000003	-0.000079	0.000105	-0.000032	-0.000149	-0.000103	0.000297
333	-0.010763	0.002226	0.000532	-0.002136	0.001127	-0.000134	0.000111	0.000148	-0.000333	0.000180	0.000314	-0.001023

	85	86	87	88	89	90	91	92	93	94	95	96
1	-0.025912	0.004574	0.005344	-0.024478	0.006937	0.004188	-0.000475	0.003035	0.000438	0.000087	0.000765	0.000736
2	0.036747	-0.001586	0.001312	0.023585	0.019220	0.017808	0.017748	0.017970	0.007318	0.002262	0.001788	0.006474
3	0.021883	0.096752	-0.072684	-0.561292	-0.113233	-0.005181	-0.006098	-0.115167	-0.130734	-0.107000	-0.107093	-0.130718
4	0.031061	0.002444	0.002495	0.033340	-0.113577	-0.115169	-0.005694	-0.005675	-0.048191	-0.044883	0.050633	0.023928
5	-0.575083	-0.064477	0.104048	0.015161	-0.004572	-0.107855	-0.109764	-0.005532	-0.004283	-0.000754	-0.001181	-0.004674
6	-0.016783	0.234797	0.241148	-0.013926	-0.005825	-0.003237	-0.113110	-0.103875	0.019753	0.047661	-0.049304	-0.053426
7	-0.004390	-0.001890	-0.001197	-0.007526	0.004858	0.005428	0.005908	0.006286	-0.003297	-0.003287	-0.002357	-0.002464
8	0.175135	0.028327	-0.135751	-0.465917	0.043570	0.001518	-0.023339	-0.043312	-0.304577	-0.330363	-0.165404	-0.212213
9	-0.024971	0.011560	0.018207	-0.040896	-0.048279	-0.022656	0.001240	0.038032	-0.210403	-0.164409	-0.325987	-0.299260
10	0.004014	0.000081	-0.001401	0.010865	-0.040227	0.035162	0.000414	-0.023903	-0.011336	-0.017976	0.074936	0.056660
11	0.011083	-0.001249	0.000186	0.004004	0.038242	-0.039055	-0.022827	0.001539	-0.006976	-0.004123	-0.008107	-0.009484
12	-0.048800	0.018588	0.012324	-0.027547	-0.022740	-0.042787	0.039941	0.002222	-0.000695	0.000120	0.001042	-0.000273
13	-0.472890	-0.128323	0.033195	0.167262	0.000420	0.038595	-0.036835	-0.023480	-0.001052	0.000424	-0.000508	-0.001443
14	0.927557	0.629580	0.371171	-0.099502	0.002820	-0.021563	-0.047451	0.041233	-0.010349	-0.008943	-0.004677	-0.007737
15	-0.107323	0.370235	0.632277	0.931394	-0.024956	0.001684	0.039742	-0.043323	0.059222	0.077016	-0.017523	-0.010523
16	0.020332	-0.022172	-0.010892	-0.155411	-0.193223	0.000040	-0.009362	0.262610	-0.106018	-0.306921	0.411894	0.402222
17	0.078190	-0.054212	-0.059261	0.265129	-0.155637	-0.021142	-0.020258	-0.160325	0.218802	0.371176	0.370234	0.218150
18	0.031509	0.004196	-0.012716	0.161813	0.260082	-0.008768	0.000854	-0.195388	0.406080	0.414321	-0.305601	-0.102106
19	-0.005435	-0.008676	-0.008251	0.032884	0.263911	-0.197971	0.000753	-0.009349	0.011351	0.011187	0.004979	0.006425
20	0.044134	-0.016351	-0.016794	0.043527	-0.159558	-0.158664	-0.020900	-0.021696	0.028239	0.025452	0.027986	0.030024
21	0.033020	-0.008266	-0.008693	-0.005059	-0.197781	0.266906	-0.008725	0.001150	-0.000087	-0.003631	0.006023	0.007411
22	0.168273	-0.014410	0.002588	0.033052	-0.008530	0.266838	-0.197754	0.000513	0.005696	0.003832	0.003485	0.005364
23	0.275482	-0.059855	-0.055932	0.079175	-0.022705	-0.161931	-0.161313	-0.021069	0.008435	0.007923	0.007940	0.008605
24	-0.158296	-0.010556	-0.022260	0.020282	0.000400	-0.198177	0.265205	-0.009572	0.004829	0.002897	0.003255	0.005174
25	0.703108	0.402409	-0.818840	-0.426141	0.001150	-0.009092	0.264000	-0.195262	0.006936	0.005759	-0.003944	-0.000450
26	-1.127510	-0.594091	-0.594893	-1.122310	-0.021844	-0.022066	-0.160046	-0.158346	0.030880	0.028819	0.026006	0.028973
27	-0.431418	-0.807775	0.413220	0.701547	-0.009741	0.000570	-0.195853	0.263279	0.006914	0.005229	0.011389	0.011536
28	0.147488	-0.055803	-0.061774	0.139929	0.111606	-0.045486	-0.043684	-0.095077	0.056636	0.060361	-0.155901	-0.106049
29	0.166261	-0.052339	-0.064478	0.116341	0.116202	-0.096537	-0.045738	-0.045629	0.115244	0.107721	0.103025	0.110079
30	0.117078	-0.063677	-0.053367	0.165459	-0.096036	0.117506	-0.042465	-0.046144	0.030775	0.025116	0.028741	0.033105
31	0.146806	-0.061407	-0.055923	0.146308	-0.043332	0.118297	-0.095012	-0.044325	0.029325	0.023626	0.030061	0.033942
32	0.550180	-0.212247	-0.225227	0.231896	-0.046644	-0.097785	0.119702	-0.045978	0.033160	0.029415	0.023343	0.029016
33	0.984183	0.259662	-0.121291	-0.203718	-0.044728	-0.046086	0.114135	-0.094894	0.032634	0.028364	0.024371	0.030091
34	-0.212562	-0.117315	0.267409	1.000390	-0.045025	-0.045716	-0.094943	0.114895	0.112292	0.105233	0.108534	0.116366
35	0.233963	-0.224067	-0.214651	0.548171	-0.092889	-0.045121	-0.042659	0.114531	-0.107644	-0.159572	0.060117	0.056140
36	-0.004429	0.003003	0.003274	0.013839	0.008722	0.001680	0.002344	-0.003268	0.063520	0.068028	-0.018090	-0.013709
37	-0.003227	0.001516	0.002407	-0.009592	-0.001817	0.002315	0.001595	0.008896	-0.013924	-0.018222	0.068501	0.062816
38	-0.003010	0.001350	0.001431	-0.005348	-0.003636	0.008891	0.001679	0.002528	-0.001574	-0.001574	-0.002020	-0.001394
39	-0.004725	0.001291	0.001247	-0.002988	0.009304	-0.002611	0.002306	0.001709	-0.000865	-0.000799	-0.001298	-0.001194
40	-0.010210	0.002550	0.001629	-0.003381	0.002207	-0.002947	0.009272	0.001651	-0.000561	-0.000621	-0.000647	-0.000559
41	0.014138	0.002997	0.002756	-0.004203	0.001656	0.009140	-0.002561	0.002241	-0.000606	-0.000683	-0.000637	-0.000597
42	-0.014691	-0.129985	0.032352	0.049965	0.001552	0.002095	-0.002668	0.008952	-0.001157	-0.001243	-0.000702	-0.000792

43	0.052064	0.032128	-0.132148	-0.017299	0.002379	0.001659	0.009004	-0.002246	-0.001266	-0.001852	-0.001396	-0.001410
44	0.010050	-0.003022	-0.003540	0.014015	-0.280435	-0.007027	-0.005232	-0.006896	0.000691	-0.001008	-0.008529	0.008799
45	0.013627	-0.003439	-0.002962	0.009759	-0.006853	-0.281094	-0.006511	-0.005155	0.001493	0.001540	0.001658	0.001717
46	0.017065	-0.000834	0.000495	-0.017031	-0.005173	-0.006719	-0.279913	-0.006970	0.001628	0.001636	0.001373	0.001381
47	-0.019202	0.000330	0.000892	0.020009	-0.006999	-0.005344	-0.006821	-0.282263	0.008418	-0.012248	-0.001502	0.000243
48	0.002100	0.000912	0.000712	0.003276	0.001171	0.001184	0.000515	-0.000032	-0.000815	-0.000667	-0.000416	-0.000533
49	-0.000074	-0.000632	-0.000363	-0.001065	-0.000318	0.000456	0.000572	0.001255	0.000988	0.000458	0.000489	0.000867
50	-0.005145	0.003938	0.004211	-0.005273	-0.002373	-0.001177	-0.001245	0.000181	0.002699	0.002286	0.002009	0.002179
51	0.002682	-0.002954	-0.002342	0.001197	0.000160	0.001134	0.000743	0.001575	0.002320	0.001678	0.001725	0.002423
52	-0.000519	0.000185	-0.001078	0.006530	0.001727	0.000690	0.000260	-0.000260	-0.005247	-0.004557	-0.004018	-0.004895
53	-0.000412	0.000876	0.000904	-0.000622	0.000162	0.000424	0.000749	0.000197	0.000009	-0.000004	0.000022	0.000021
54	0.000057	-0.000237	-0.000199	0.000033	0.000130	0.000120	0.000071	0.000139	0.000271	0.000189	0.000202	0.000271
55	-0.000149	0.000550	0.000478	0.000094	-0.000452	-0.000147	-0.000077	-0.000223	-0.000532	-0.000571	-0.000477	-0.000546
56	-0.000948	0.000383	0.000583	-0.001858	0.000081	0.000285	0.000227	0.000975	-0.000274	-0.000235	-0.000423	-0.000319
57	0.000002	-0.000203	-0.000169	0.000224	0.000030	0.000077	0.000019	0.000103	0.000064	0.000000	0.000042	0.000075
58	0.000003	-0.000322	-0.000300	0.000026	0.000071	0.000095	0.000084	0.000218	0.000141	0.000070	0.000146	0.000129
59	0.000034	-0.000275	-0.000275	-0.000048	0.000125	0.000131	0.000068	0.000082	0.000159	0.000157	0.000105	0.000197
60	0.001065	-0.003824	-0.005894	0.017879	-0.005003	-0.005616	-0.000714	-0.005696	-0.000311	0.000459	-0.000148	-0.000634
61	0.014663	0.007114	0.009239	-0.028122	0.012520	0.000087	0.001852	0.004522	0.002151	0.001093	0.000778	0.002358
62	0.029950	-0.010155	-0.014673	0.030012	0.010133	0.001138	0.005086	-0.005839	0.004408	0.003942	0.001607	0.001725
63	-0.024830	0.005302	0.004621	0.002908	0.004665	0.001171	0.016137	0.002284	0.000594	-0.000601	-0.001842	-0.000455
64	-0.002499	0.003480	-0.002424	-0.011626	-0.001991	0.001462	0.017393	-0.002567	0.007318	0.006601	0.006599	0.008411
65	0.012742	-0.001752	-0.002198	-0.002196	-0.007597	-0.001106	-0.011153	-0.003182	-0.002072	-0.000225	0.003124	0.001369
66	-0.009197	0.005517	0.006922	-0.005732	-0.002639	-0.001294	-0.012604	0.001644	-0.003743	-0.003624	-0.003154	-0.003325
67	-0.025189	-0.001949	-0.002890	0.005375	-0.012614	-0.003320	-0.003912	-0.000575	-0.001764	-0.001499	-0.000689	-0.002001
68	-0.010881	0.003490	0.007795	-0.019843	-0.008351	0.001440	-0.007253	0.003927	-0.003480	-0.003331	-0.001458	-0.002295
69	0.199517	-0.115793	-0.082289	0.306848	0.076576	-0.005809	-0.060740	-0.007980	-0.037904	-0.025125	-0.065765	-0.076491
70	0.315704	-0.083080	-0.117921	0.196846	-0.008685	0.077631	-0.008462	-0.061851	0.062162	0.052763	0.034189	0.046965
71	-0.139068	0.140730	0.058835	-0.373288	-0.063825	-0.009905	0.073450	-0.008255	0.048974	0.035674	0.054409	0.064370
72	-0.378975	0.058586	0.142188	-0.132351	-0.006912	-0.062280	-0.007427	0.078220	-0.074213	-0.064079	-0.023022	-0.035399
73	-0.154629	0.164741	0.041624	-0.998345	-0.053674	0.035678	0.037577	0.295792	0.205409	0.091801	0.329055	0.369514
74	0.069841	-0.045441	-0.041633	0.042398	-0.121133	-0.018750	-0.021871	0.075279	-0.695062	-0.699532	-0.131030	-0.170967
75	0.078088	-0.034664	-0.045695	0.166422	0.073121	-0.022070	-0.018137	-0.121534	-0.170742	-0.131156	-0.696699	-0.691762
76	-0.059605	0.078382	0.070382	-0.157175	0.292040	0.040522	0.035146	-0.054455	0.372145	0.330958	0.094496	0.207887
77	-0.155052	0.029759	0.043598	-0.014716	0.299029	-0.058589	0.035439	0.039412	-0.085539	-0.078830	-0.008199	-0.033331
78	0.029600	-0.014793	-0.014027	0.043218	0.075315	-0.121134	-0.018431	-0.022801	0.023294	0.021852	0.019472	0.021109
79	0.043317	-0.013737	-0.014925	0.029151	-0.122816	0.076469	-0.021877	-0.018786	0.018843	0.015499	0.021589	0.023136
80	-0.013441	0.041832	0.029204	-0.152710	-0.055876	0.296248	0.038170	0.037125	-0.039582	-0.037399	-0.033146	-0.035657
81	-0.165797	0.070157	0.078643	-0.058637	0.040264	0.299613	-0.054526	0.035660	-0.017001	-0.011914	-0.020358	-0.022193
82	0.174017	-0.046178	-0.035672	0.078005	-0.022508	0.074748	-0.123277	-0.018161	0.007862	0.007003	0.006527	0.007378
83	0.048201	-0.041477	-0.046203	0.069466	-0.019304	-0.123794	0.074681	-0.021956	0.007142	0.006353	0.006865	0.007797
84	-1.020250	0.047129	0.171456	-0.158596	0.036852	-0.055529	0.300236	0.038348	-0.022760	-0.021004	-0.012811	-0.018073
85	2.890100	-0.306479	-0.705921	0.922806	0.037024	0.041026	0.291019	-0.055550	-0.036255	-0.033561	-0.037704	-0.040019
86	-0.306479	1.489820	0.306083	-0.694542	-0.018577	-0.022181	0.074593	-0.120695	0.023520	0.021914	0.015558	0.019010
87	-0.705921	0.306083	1.494890	-0.296800	-0.022281	-0.018446	-0.122294	0.075836	0.021734	0.019897	0.021981	0.023636
88	0.922806	-0.694542	-0.296800	2.866250	0.038459	0.036797	-0.053590	0.294816	-0.033692	-0.008670	-0.079382	-0.086609
89	0.037024	-0.018577	-0.022281	0.038459	1.024450	-0.012623	-0.003137	-0.011789	0.055313	0.065814	-0.039386	-0.034058
90	0.041026	-0.022181	-0.018446	0.036797	-0.012623	1.028750	-0.013018	-0.002659	0.010884	0.007861	0.009980	0.012148
91	0.291019	0.074593	-0.122294	-0.053590	-0.003137	-0.013018	1.029040	-0.012561	0.012041	0.009827	0.007560	0.010552
92	-0.055550	-0.120695	0.075836	0.294816	-0.011789	-0.002659	-0.012561	1.028830	-0.035000	-0.040256	0.066075	0.055485

93	-0.036255	0.023520	0.021734	-0.033692	0.055313	0.010884	0.012041	-0.035000	0.557122	0.137924	0.080382	0.090420
94	-0.033561	0.021914	0.019897	-0.008670	0.065814	0.007861	0.009827	-0.040256	0.137924	0.561595	0.050661	0.080557
95	-0.037704	0.015558	0.021981	-0.079382	-0.039386	0.009980	0.007560	0.066075	0.080382	0.050661	0.560393	0.136321
96	-0.040019	0.019010	0.023636	-0.086609	-0.034058	0.012148	0.010552	0.055485	0.090420	0.080557	0.136321	0.555514
97	-0.017309	0.007808	0.007416	-0.022352	-0.035128	0.055104	0.010680	0.012538	-0.011989	-0.011338	-0.010384	-0.010779
98	-0.012308	0.006986	0.006615	-0.020844	-0.040268	0.066073	0.007741	0.010278	-0.011335	-0.010534	-0.009101	-0.010354
99	-0.020978	0.006499	0.007065	-0.012060	0.066816	-0.041702	0.009898	0.007917	-0.008650	-0.006819	-0.010388	-0.011232
100	-0.022203	0.007226	0.007854	-0.017023	0.055995	-0.034900	0.012013	0.010895	-0.010129	-0.008641	-0.011178	-0.011873
101	-0.091403	0.023996	0.019712	-0.040091	0.012385	-0.034996	0.056607	0.010671	-0.004103	-0.003765	-0.003542	-0.003827
102	-0.082502	0.022091	0.015956	-0.037721	0.010136	-0.040054	0.066492	0.007523	-0.003743	-0.003223	-0.002979	-0.003544
103	-0.010832	0.019701	0.022160	-0.033290	0.008169	0.067203	-0.040370	0.009867	-0.003420	-0.002886	-0.003164	-0.003714
104	-0.037337	0.021768	0.024026	-0.036133	0.011133	0.056621	-0.034226	0.012070	-0.003727	-0.003467	-0.003702	-0.004087
105	0.207652	-0.694386	-0.173041	0.369998	0.010866	0.012266	-0.034975	0.055395	-0.012196	-0.011452	-0.008782	-0.010342
106	0.098662	-0.695511	-0.132940	0.324862	0.007721	0.009919	-0.039738	0.065342	-0.011301	-0.010442	-0.006778	-0.008670
107	0.334011	-0.133143	-0.700782	0.090655	0.010113	0.007791	0.066346	-0.040798	-0.010668	-0.009337	-0.010599	-0.011475
108	0.371965	-0.172628	-0.693998	0.205566	0.012183	0.010699	0.055909	-0.035250	-0.011096	-0.010604	-0.011404	-0.012173
109	-0.021158	0.008557	0.011034	-0.013167	-0.516558	0.009715	0.001736	0.003334	-0.040747	-0.046564	-0.035891	-0.010153
110	-0.015733	0.009972	0.011207	-0.025170	-0.508018	0.002932	0.001365	0.008450	-0.014536	-0.019233	0.075393	0.044341
111	-0.027410	0.011309	0.010150	-0.015416	0.002122	-0.510226	0.009047	0.000772	-0.004774	-0.002958	-0.004603	-0.005512
112	-0.013303	0.010750	0.008281	-0.020888	0.010322	-0.517744	0.003780	0.001954	-0.006015	-0.004834	-0.005358	-0.006597
113	-0.199601	-0.116176	0.035995	0.127664	0.001001	0.002273	-0.511225	0.008613	-0.006340	-0.005037	-0.004446	-0.005664
114	-0.091606	0.041379	0.086304	-0.073817	0.002143	0.010744	-0.518019	0.003944	-0.005683	-0.004789	-0.003122	-0.004885
115	-0.081793	0.087038	0.047470	-0.082663	0.008485	0.001082	0.003298	-0.515710	0.046072	0.078322	-0.019595	-0.014769
116	0.137333	0.033523	-0.123540	-0.212317	0.003152	0.001670	0.009053	-0.512641	-0.011169	-0.038246	-0.046506	-0.040729
117	-0.001772	0.003505	0.005581	-0.008349	-0.003268	-0.001972	0.000322	0.002797	0.006159	0.004829	0.004343	0.005400
118	-0.003212	0.003705	0.004452	-0.006194	-0.002281	-0.001122	-0.000570	0.000097	0.002669	0.002384	0.001983	0.002173
119	-0.004262	0.003683	0.003834	-0.006094	-0.002214	-0.001680	-0.001280	0.000001	0.002425	0.002112	0.001710	0.001924
120	-0.001856	0.001704	0.001506	-0.000781	-0.000628	-0.000511	-0.000180	-0.000108	-0.000637	-0.000484	-0.000545	-0.000744
121	0.001101	-0.001017	-0.000907	0.000364	0.000354	0.000320	0.000169	0.000164	0.000329	0.000224	0.000275	0.000393
122	0.000754	-0.000679	-0.000591	0.000425	0.000272	0.000193	0.000011	-0.000056	0.000304	0.000257	0.000269	0.000346
123	-0.000633	0.002322	0.002386	-0.001362	-0.000300	-0.000502	-0.000692	-0.000395	0.000428	0.000534	0.000443	0.000335
124	0.000045	-0.000932	-0.000920	0.000355	0.000178	0.000254	0.000329	0.000191	-0.000167	-0.000282	-0.000201	-0.000160
125	0.000593	-0.001400	-0.001475	0.000988	0.000126	0.000247	0.000362	0.000205	-0.000253	-0.000245	-0.000236	-0.000165
126	-0.003293	0.003126	0.003645	-0.004570	-0.002714	-0.001439	-0.001155	-0.000215	0.004148	0.003772	0.003082	0.003549
127	-0.002763	0.002516	0.002818	-0.004808	-0.001048	-0.001154	-0.001113	0.000305	0.000608	0.000522	0.000530	0.000411
128	-0.000081	0.000120	0.000073	0.000009	-0.000163	-0.000073	-0.000064	-0.000035	-0.000132	-0.000135	-0.000110	-0.000122
129	0.000085	-0.000366	-0.000334	0.000067	0.000106	0.000033	0.000117	0.000126	0.000136	0.000073	0.000101	0.000137
130	0.000156	-0.000199	-0.000185	0.000147	0.000049	0.000186	0.000036	0.000092	0.000127	0.000105	0.000090	0.000145
131	-0.000123	0.000087	0.000119	0.000180	-0.000098	-0.000024	-0.000067	0.000047	-0.000036	-0.000058	0.000052	-0.000075
132	-0.000041	0.000161	0.000159	-0.000218	0.000117	-0.000066	-0.000017	-0.000102	-0.000006	0.000028	-0.000067	0.000014
133	-0.000003	0.000209	0.000179	-0.000187	-0.000014	-0.000061	-0.000009	-0.000131	-0.000095	-0.000017	-0.000068	-0.000104
134	0.015388	-0.007633	-0.007209	0.025541	0.026376	-0.002925	-0.002359	-0.013999	0.002004	0.006568	-0.015348	-0.014580
135	0.005772	0.000230	0.004027	0.010239	0.011689	-0.002216	0.004320	-0.001802	0.003558	0.012049	0.001299	-0.000059
136	0.010600	-0.002828	-0.001006	0.014895	-0.002719	-0.002171	-0.001186	0.009785	-0.005807	-0.004528	0.005595	0.004161
137	0.012370	-0.003142	-0.002333	0.013838	-0.012342	0.002286	-0.000726	0.002153	0.003826	0.003484	0.007531	0.009240
138	0.011159	-0.003798	-0.002951	0.015362	0.028511	0.000816	-0.001048	-0.008526	0.006172	0.008896	-0.005065	-0.008844
139	-0.011833	0.004247	0.004190	-0.007953	0.027048	-0.006647	-0.001689	0.003260	-0.005772	-0.004682	-0.005354	-0.004750
140	0.003798	-0.001502	-0.002528	0.000942	0.003207	-0.004001	-0.002443	-0.000590	0.002775	0.002953	0.004854	0.005330
141	-0.002135	0.000166	0.000531	0.002554	-0.009754	0.005401	-0.001103	0.001811	-0.003593	-0.002482	-0.001472	-0.002834
142	-0.006842	0.000551	0.000204	-0.003336	-0.000520	0.007456	-0.001920	-0.001480	-0.003224	-0.001973	-0.001066	-0.001467

143	-0.007111	0.002195	0.000257	-0.005778	0.015092	-0.017940	0.002953	-0.001229	-0.002560	-0.001517	-0.000965	-0.001151
144	-0.050696	0.017156	0.009708	-0.036324	0.002659	0.004358	0.039194	0.001099	-0.001877	-0.002099	-0.001073	-0.001637
145	-0.006016	0.003665	-0.001196	-0.013394	0.002951	-0.034158	0.020897	-0.002926	-0.000688	-0.000309	-0.000095	0.000032
146	-0.000868	0.001915	-0.000359	-0.004312	-0.000628	0.009275	0.003281	-0.001117	-0.000320	-0.000328	-0.000108	-0.000091
147	-0.004916	0.001123	0.002531	-0.006492	0.000105	-0.005018	-0.013143	0.002953	0.000832	-0.000104	0.000185	0.000571
148	0.030307	-0.007509	-0.008870	0.007255	-0.001348	-0.005948	-0.010393	-0.002192	0.001651	0.000241	-0.000073	0.000818
149	0.134860	-0.005813	-0.057498	0.026372	0.004208	0.000306	0.034414	-0.014497	-0.002441	-0.004101	-0.003682	-0.003481
150	-0.027678	0.008812	0.000163	-0.004846	0.000955	-0.000996	0.013450	-0.005613	0.001667	0.000156	-0.000259	0.000587
151	-0.015213	-0.013028	0.009028	0.033830	0.000954	0.000466	-0.012032	0.004535	0.002198	0.001895	-0.000319	-0.000235
152	-0.007564	-0.015060	0.002971	0.029789	-0.000967	-0.002480	0.001324	0.012052	0.001804	0.002542	0.001358	0.000815
153	0.006893	0.018205	-0.008080	-0.036486	0.003579	-0.003310	0.016669	-0.030688	0.001357	0.001316	-0.000352	-0.000949
154	0.006224	-0.002191	-0.001768	0.005635	-0.017877	0.001358	-0.001762	-0.000161	0.000839	0.000106	0.006217	0.006882
155	-0.008126	0.003026	0.000070	-0.013371	0.004847	-0.001862	0.005201	-0.001972	-0.002521	-0.001786	-0.000335	-0.000881
156	-0.014270	-0.013333	0.001387	0.016481	0.000463	0.000006	-0.021865	-0.000102	0.001023	-0.000046	-0.000574	0.000118
157	-0.000611	0.002457	0.009084	0.010456	0.004891	-0.003153	0.006776	0.001416	0.002646	0.005339	0.001965	0.001394
158	-0.000805	-0.000181	-0.000265	0.000771	-0.000257	0.000136	-0.000052	0.000031	-0.000309	-0.000169	-0.000218	-0.000330
159	0.000426	-0.002277	-0.001986	-0.002226	0.000456	-0.000414	-0.000152	0.000007	0.000774	0.000790	0.000492	0.001216
160	0.000684	-0.001507	-0.001252	-0.002613	0.000427	-0.000140	-0.000119	0.000084	0.000969	0.000963	0.000724	0.001434
161	0.000173	0.000066	0.000207	-0.000437	0.000088	0.000142	-0.000251	-0.000198	0.000583	0.000569	0.000452	0.000629
162	-0.002828	0.001826	0.002432	-0.008437	0.000007	-0.002458	0.000200	0.002553	0.002051	0.001246	0.001274	0.002165
163	0.002773	0.002157	0.003161	-0.006308	-0.000422	0.000690	-0.000030	0.000418	0.002542	0.001935	0.002374	0.003210
164	0.018510	-0.005334	-0.001534	0.019493	-0.000818	-0.003445	-0.002087	0.015372	0.001127	-0.005325	0.005166	0.005369
165	-0.001935	0.001196	0.002088	0.003382	0.001533	0.001341	0.001616	-0.003821	0.009386	0.013160	-0.000974	0.001784
166	-0.021622	0.006509	0.005616	-0.017197	0.020053	-0.002025	0.003015	-0.008930	0.000015	0.006238	-0.015981	-0.021570
167	-0.004118	0.000292	0.000795	0.001232	-0.021138	0.010532	-0.003244	0.002232	-0.004819	-0.003118	-0.001811	-0.003424
168	0.001867	-0.001078	-0.001274	0.000837	-0.001829	0.001115	-0.002341	-0.002163	0.002022	0.001870	0.001614	0.002197
169	0.009583	-0.001265	-0.000550	0.004053	0.001417	-0.015589	0.002421	0.001478	0.006253	0.004155	0.002217	0.003515
170	0.025514	-0.006670	-0.002761	0.035079	0.003094	0.000474	0.004631	0.002112	0.002327	0.002954	-0.000247	-0.000517
171	0.000256	-0.001825	0.001076	0.004511	0.000870	-0.019745	-0.002548	0.002705	0.000588	0.000563	0.000388	0.000435
172	0.002635	-0.005678	-0.004664	0.017539	0.000140	-0.008730	0.021001	-0.003200	-0.000037	0.001302	0.000668	0.000062
173	-0.022560	-0.032956	0.009369	0.049064	0.000486	0.000097	-0.017081	0.009190	0.002435	0.001858	-0.000453	-0.000422
174	-0.013304	-0.008767	-0.003002	-0.003291	-0.000880	-0.000285	0.000345	0.003933	-0.000789	-0.000878	0.000149	0.000110
175	-0.010520	0.012635	-0.011570	-0.029854	0.000653	0.003798	-0.003285	-0.012817	-0.003573	-0.004829	-0.002038	-0.001135
176	-0.003843	0.003496	-0.001925	-0.029897	-0.040283	0.010566	-0.000602	-0.000553	0.002582	0.003052	0.037386	0.022485
177	-0.014222	0.004501	-0.000135	-0.033106	0.024382	0.005006	0.002024	-0.003140	0.000360	0.001567	0.000101	0.003514
178	-0.017355	0.001161	0.001481	-0.014784	0.014078	0.014778	-0.000813	-0.001209	-0.000582	-0.000759	-0.001488	0.000316
179	-0.013073	0.000037	0.004368	0.001356	0.007868	-0.020290	-0.005760	0.003935	0.002561	0.001236	-0.000293	0.000675
180	-0.075305	0.001219	0.015284	-0.014682	-0.001331	-0.010584	-0.026837	0.006778	0.001778	0.000503	0.002258	0.002388
181	-0.001982	0.048225	0.011832	-0.072066	-0.001628	-0.009783	0.036712	0.002581	0.001306	0.002640	0.004670	0.003678
182	-0.017939	-0.001811	0.035996	0.058618	-0.010468	-0.002546	0.009512	0.029051	-0.001813	0.002182	0.005869	0.004851
183	0.024561	-0.006444	-0.011542	-0.017121	-0.016601	0.003736	0.002528	-0.013328	-0.007535	-0.021214	-0.003732	-0.000561
184	0.002151	-0.002038	-0.001510	-0.003557	0.000479	-0.000200	-0.000188	-0.000016	0.000649	0.000676	0.000317	0.001059
185	-0.000156	-0.002864	-0.002520	-0.003120	0.000713	-0.000606	-0.000101	-0.000013	0.000886	0.000816	0.000584	0.001391
186	0.000080	0.000398	0.000364	0.000094	-0.000348	0.000170	-0.000224	0.000232	-0.000017	-0.000074	0.000139	-0.000029
187	-0.000778	0.002122	0.001651	0.004418	-0.000418	0.000296	0.000320	-0.000279	-0.001672	-0.001390	-0.001453	-0.002295
188	-0.001370	0.002487	0.002135	0.002135	-0.000490	0.000339	0.000198	0.000092	0.000176	-0.000010	0.000427	-0.000132
189	-0.000061	0.000012	0.000020	-0.000084	0.000052	-0.000002	0.000017	0.000004	0.000002	-0.000046	-0.000072	-0.000017
190	-0.000770	0.000644	0.000403	0.000098	-0.008345	-0.001455	-0.000029	-0.001426	-0.000524	-0.000309	-0.001979	0.003135
191	-0.000666	0.000146	0.000164	0.000936	-0.013291	-0.000257	-0.000235	-0.001211	-0.000627	-0.000210	-0.003469	-0.002068
192	-0.000025	0.000080	0.000025	-0.000074	0.004627	-0.000109	0.000075	0.000231	0.000461	0.000535	0.000600	0.001461

193	-0.000625	0.000208	0.000290	-0.000765	0.003040	0.000183	0.000176	0.000131	-0.000753	-0.000536	-0.001706	-0.002246
194	0.000561	0.000156	-0.000142	0.001299	-0.012091	-0.000539	-0.000437	-0.000920	0.000289	0.000863	-0.001363	0.001338
195	-0.001405	0.000951	0.000824	-0.001229	-0.008597	-0.000907	0.000118	-0.000585	-0.002053	-0.002069	-0.010537	0.001476
196	0.000034	0.000058	0.000030	-0.000112	-0.004670	-0.000328	-0.000088	0.000005	-0.000079	-0.000072	0.000456	-0.000343
197	-0.000139	0.000114	0.000123	-0.000117	-0.003199	-0.000033	-0.000062	0.000000	-0.000237	-0.000159	0.000009	-0.000438
198	-0.000135	0.000066	0.000083	-0.000083	-0.000873	0.000155	0.000029	0.000096	-0.000097	-0.000032	0.000324	-0.000339
199	-0.000145	0.000109	0.000103	-0.000078	-0.002965	-0.000004	-0.000060	-0.000003	-0.000212	-0.000077	0.000123	-0.000588
200	0.000261	0.000010	-0.000077	0.000309	-0.003841	0.000024	-0.000120	-0.000428	0.000132	0.000148	-0.000260	0.000390
201	0.000126	0.000448	0.000566	-0.000936	-0.001679	-0.007629	-0.001142	-0.000125	-0.000261	-0.000274	-0.000152	-0.000158
202	0.000455	0.000163	0.000224	-0.000204	-0.000376	-0.013135	-0.000722	-0.000342	-0.000183	-0.000163	-0.000180	-0.000050
203	0.000373	-0.000188	-0.000043	0.000265	0.000041	0.004194	-0.000117	0.000006	-0.000011	-0.000012	-0.000151	-0.000089
204	-0.000043	0.000118	0.000008	-0.000644	0.000341	0.003568	-0.000212	0.000138	-0.000118	-0.000129	-0.000019	-0.000058
205	0.000727	0.000180	0.000302	0.000038	-0.000847	-0.012706	-0.000336	-0.000247	-0.000051	-0.000045	0.000003	-0.000027
206	-0.000685	0.000643	0.000921	-0.001333	-0.000818	-0.008268	-0.000774	0.000122	-0.000420	-0.000407	-0.000447	-0.000320
207	0.000041	-0.000046	-0.000016	0.000104	-0.000471	-0.004323	-0.000012	-0.000134	-0.000020	-0.000035	0.000029	0.000033
208	0.000005	0.000066	0.000062	-0.000127	0.000004	-0.003031	-0.000049	-0.000081	-0.000051	-0.000046	-0.000053	-0.000040
209	-0.000155	0.000079	0.000049	-0.000140	0.000119	-0.000935	0.000123	0.000031	-0.000025	-0.000032	-0.000046	-0.000032
210	0.000036	0.000080	0.000072	-0.000125	0.000016	-0.003152	-0.000036	-0.000052	-0.000061	-0.000054	-0.000075	-0.000065
211	0.000479	-0.000088	-0.000015	0.000245	-0.000005	-0.004410	-0.000377	-0.000116	0.000012	0.000017	0.000017	0.000017
212	-0.001110	0.008877	0.003675	-0.009697	0.000021	-0.000955	-0.007567	-0.000930	-0.000321	-0.000314	-0.000447	-0.000427
213	-0.006421	0.000999	-0.000388	0.000355	-0.000406	-0.000917	-0.012352	-0.000280	-0.000011	-0.000115	-0.000144	-0.000138
214	0.003109	0.003068	0.000669	-0.003537	0.000152	0.000344	0.003298	-0.000011	-0.000037	-0.000090	-0.000015	-0.000001
215	-0.004881	-0.002067	-0.001258	0.002895	0.000045	-0.000022	0.004544	-0.000171	0.000089	0.000099	0.000020	0.000041
216	0.002367	0.005984	0.001264	-0.006578	-0.000324	-0.000444	-0.013240	-0.000864	-0.000083	-0.000085	-0.000109	-0.000084
217	-0.022267	-0.001154	0.000951	0.003823	-0.000005	-0.001466	-0.007943	-0.001101	-0.000219	-0.000287	-0.000307	-0.000320
218	-0.001499	-0.000417	-0.000340	0.000018	-0.000149	-0.000121	-0.003577	-0.000388	0.000052	0.000039	0.000012	0.000007
219	-0.001070	0.000425	0.000249	-0.000344	-0.000080	-0.000003	-0.002974	-0.000050	-0.000021	-0.000044	-0.000040	-0.000027
220	-0.000269	0.000075	0.000185	0.000065	0.000025	0.000126	-0.000900	0.000147	-0.000027	-0.000041	-0.000028	-0.000018
221	-0.001146	0.000332	0.000312	-0.000244	-0.000074	-0.000008	-0.003127	-0.000022	-0.000039	-0.000057	-0.000043	-0.000040
222	0.001138	-0.000063	0.000149	-0.000154	-0.000148	-0.000544	-0.004701	0.000024	0.000008	0.000011	0.000009	0.000003
223	-0.010749	0.003945	0.009435	0.000079	-0.000985	0.000177	-0.000729	-0.009432	0.002650	-0.000922	-0.000372	-0.000625
224	0.002029	-0.001191	-0.000284	-0.009275	-0.000734	-0.000416	-0.000777	-0.012735	-0.002957	-0.003974	-0.000822	-0.001158
225	-0.004382	0.001131	0.003821	0.004447	0.000135	0.000122	0.000097	0.003761	0.002299	0.001367	0.000726	0.000700
226	0.003399	-0.001177	-0.002408	-0.005861	-0.000050	0.000110	-0.000049	0.004182	-0.002472	-0.000839	-0.000410	-0.000592
227	-0.007349	0.001440	0.006387	0.002813	-0.000533	-0.000392	-0.000898	-0.012742	0.001715	-0.001470	0.000750	0.000118
228	0.003599	0.001225	-0.000860	-0.022281	-0.001580	0.000000	-0.000993	-0.008657	0.000998	-0.011986	-0.001692	-0.001680
229	-0.000325	-0.000307	-0.000073	-0.001648	-0.000080	-0.000127	-0.000451	-0.003669	-0.000065	0.000465	-0.000007	0.000006
230	-0.000509	0.000328	0.000536	-0.000738	-0.000028	-0.000049	0.000026	-0.003185	-0.000375	0.000057	-0.000142	-0.000213
231	0.000059	0.000169	0.000069	-0.000392	0.000118	0.000023	0.000120	-0.000959	-0.000379	0.000288	-0.000078	-0.000130
232	-0.000326	0.000367	0.000427	-0.001086	-0.000070	-0.000080	-0.000030	-0.003062	-0.000661	0.000094	-0.000052	-0.000215
233	-0.000227	0.000121	-0.000040	0.001403	-0.000397	-0.000114	0.000028	-0.004070	0.000779	0.000107	0.000318	0.000252
234	-0.000037	0.000991	0.000557	0.000019	-0.030350	-0.002034	-0.001018	-0.000447	-0.002709	-0.002409	-0.009380	-0.002421
235	0.000112	-0.000023	-0.000021	0.003140	-0.028572	-0.001801	-0.000978	-0.003015	-0.000620	-0.000247	-0.001495	0.000953
236	-0.000068	-0.000350	-0.000240	-0.000741	0.017100	0.000898	0.000627	0.000683	0.001269	0.000988	0.003408	0.001365
237	-0.000569	-0.000209	-0.000068	-0.000668	0.017711	0.001316	0.000707	0.000592	0.001060	0.000812	0.002165	0.001566
238	0.000043	0.000085	0.000098	-0.000307	-0.001496	-0.000089	-0.000075	0.000187	-0.000216	-0.000195	0.000509	-0.000833
239	0.000111	-0.000020	0.000004	-0.000321	0.001903	0.000018	0.000033	0.000301	0.000003	-0.000037	0.000925	-0.000471
240	0.000193	-0.000083	-0.000076	0.000743	-0.005837	-0.000266	-0.000258	-0.000314	-0.000252	-0.000097	-0.000230	-0.001143
241	0.000192	-0.000085	-0.000080	0.000706	-0.005902	-0.000306	-0.000265	-0.000295	-0.000267	-0.000090	-0.000112	-0.001230
242	0.000142	-0.000107	-0.000111	0.000110	0.002626	0.000311	0.000020	0.000106	0.000407	0.000322	0.000299	0.000527

243	0.000104	-0.000010	-0.000042	0.000146	-0.000536	0.000149	-0.000119	-0.000004	0.000282	0.000294	0.000225	0.000284
244	-0.000222	-0.000057	0.000050	-0.001426	0.016726	0.000904	0.000690	0.001259	0.000482	0.000404	0.001462	0.000790
245	-0.000006	-0.000130	-0.000069	-0.001410	0.016625	0.000898	0.000637	0.000957	0.000549	0.000244	0.002176	0.000593
246	0.000478	0.000897	0.000967	-0.001254	-0.001811	-0.028951	-0.000401	-0.000484	-0.000414	-0.000424	-0.000079	-0.000276
247	0.002796	-0.000248	0.000069	0.001189	-0.001667	-0.029159	-0.002532	-0.001368	-0.000035	0.000029	-0.000250	0.000085
248	-0.001117	-0.000263	-0.000298	0.000232	0.000536	0.016246	0.000765	0.000492	0.000162	0.000148	0.000059	0.000084
249	-0.001038	-0.000139	-0.000171	-0.000094	0.001100	0.017343	0.000583	0.000564	0.000058	0.000052	-0.000088	-0.000038
250	0.000004	0.000059	0.000014	-0.000118	0.000066	-0.000810	-0.000008	-0.000083	-0.000045	-0.000041	0.000043	0.000003
251	-0.000096	-0.000016	-0.000084	-0.000076	0.000180	0.002466	0.000142	0.000053	0.000003	-0.000006	0.000082	0.000019
252	0.000750	-0.000080	-0.000093	0.000271	-0.000161	-0.006114	-0.000234	-0.000210	0.000049	0.000050	0.000025	0.000043
253	0.000740	-0.000070	-0.000098	0.000240	-0.000221	-0.006095	-0.000214	-0.000227	0.000047	0.000046	0.000032	0.000046
254	0.000005	-0.000142	-0.000078	0.000285	0.000226	0.002337	0.000047	-0.000026	0.000033	0.000038	-0.000037	-0.000009
255	0.000079	-0.000059	0.000031	0.000271	0.000092	-0.000891	-0.000046	-0.000147	-0.000026	-0.000005	-0.000079	-0.000042
256	-0.001282	0.000072	-0.000113	-0.000629	0.000826	0.016872	0.001038	0.000733	0.000040	0.000014	0.000100	0.000000
257	-0.001334	-0.000008	-0.000145	-0.000325	0.000832	0.016757	0.000876	0.000704	0.000128	0.000098	0.000192	0.000083
258	-0.026874	0.001339	0.001168	0.001741	-0.000954	-0.001219	-0.029469	-0.003147	0.000039	0.000125	-0.000047	-0.000013
259	0.008322	0.011483	0.004892	-0.015202	-0.001109	-0.002266	-0.028722	-0.000113	-0.000371	-0.000520	-0.000488	-0.000563
260	0.004724	-0.002797	-0.000872	0.003240	0.000660	0.000776	0.017024	0.001075	0.000017	0.000009	0.000074	0.000067
261	0.004350	-0.002829	-0.001077	0.003218	0.000787	0.000895	0.016385	0.001337	0.000019	-0.000029	0.000070	0.000083
262	0.000991	-0.000447	-0.000537	0.000285	-0.000158	0.000032	-0.000569	-0.000182	0.000014	0.000040	-0.000016	-0.000013
263	0.001793	-0.000749	-0.000673	0.000616	-0.000006	0.000209	0.002551	-0.000078	0.000049	0.000085	0.000044	0.000048
264	0.000157	0.001568	0.000443	-0.001997	-0.000253	-0.000200	-0.006156	-0.000185	0.000049	0.000031	0.000046	0.000052
265	-0.000127	0.001571	0.000418	-0.002008	-0.000264	-0.000165	-0.006066	-0.000227	0.000049	0.000040	0.000044	0.000047
266	0.000889	-0.000903	-0.000255	0.001081	0.000051	0.000156	0.002111	0.000253	0.000012	-0.000006	0.000040	0.000027
267	-0.000064	-0.000206	0.000061	0.000401	-0.000058	0.000055	-0.001197	0.000085	-0.000027	-0.000054	-0.000011	-0.000023
268	0.002212	-0.003542	-0.001625	0.003712	0.000653	0.000953	0.017792	0.000544	0.000040	0.000093	0.000083	0.000107
269	0.003799	-0.004447	-0.001935	0.004845	0.000653	0.000776	0.016324	0.000648	0.000110	0.000185	0.000162	0.000181
270	0.002665	0.001468	0.000935	-0.030810	-0.001773	-0.001225	-0.003076	-0.028397	-0.003810	-0.013872	-0.002204	-0.002582
271	-0.016995	0.004427	0.012102	0.013124	-0.002078	-0.000896	-0.000302	-0.031360	0.000329	-0.000742	-0.000919	-0.001329
272	0.003069	-0.000674	-0.002572	0.005520	0.000834	0.000727	0.001191	0.016157	0.001975	0.004259	0.001098	0.001431
273	0.003395	-0.000918	-0.002765	0.003948	0.000801	0.000760	0.001331	0.017417	0.001992	0.003251	0.000896	0.001200
274	0.000670	-0.000746	-0.000740	0.000797	0.000257	-0.000071	-0.000158	-0.000652	-0.000875	0.000961	-0.000212	-0.000246
275	0.001032	-0.000903	-0.001046	0.001126	0.000405	0.000016	-0.000136	0.002606	-0.000566	0.001318	-0.000116	-0.000065
276	-0.001776	0.000254	0.001316	-0.000549	-0.000315	-0.000358	-0.000411	-0.005875	-0.001320	-0.000785	-0.000246	-0.000401
277	-0.001868	0.000289	0.001387	-0.000598	-0.000272	-0.000324	-0.000388	-0.005915	-0.001408	-0.000600	-0.000223	-0.000391
278	0.000471	0.000162	-0.000371	0.002134	-0.000018	0.000072	0.000495	0.002198	0.000839	0.000275	0.000444	0.000547
279	-0.000223	0.000486	0.000365	0.001239	-0.000106	-0.000047	0.000347	-0.001114	0.000555	0.000250	0.000441	0.000423
280	0.004126	-0.001709	-0.003722	0.001859	0.001390	0.000749	0.000590	0.017656	0.001228	0.003008	0.000527	0.000595
281	0.005360	-0.002122	-0.004843	0.002392	0.000874	0.000596	0.000525	0.017277	0.001072	0.002738	0.000517	0.000823
282	0.001419	-0.000204	-0.000593	0.001902	0.001348	0.001362	-0.000144	-0.002037	0.002729	0.002886	0.012055	0.004807
283	0.000069	0.000007	-0.000065	0.000216	0.000990	0.000265	0.000003	0.000066	-0.000227	-0.000360	-0.001154	-0.000734
284	-0.000242	0.000139	0.000114	-0.000065	0.000583	0.000030	-0.000031	-0.000108	-0.000154	-0.000046	-0.000602	-0.000217
285	-0.000120	0.000012	-0.000004	0.000100	-0.000156	0.000137	0.000023	0.000004	-0.000365	-0.000260	-0.001291	-0.001099
286	0.000019	-0.000083	-0.000032	0.000092	-0.000536	0.000209	0.000032	-0.000036	-0.000157	-0.000064	-0.000333	-0.000600
287	-0.000380	0.000275	0.000314	-0.001130	0.000542	0.000275	0.000029	0.000322	0.000245	0.000320	0.001498	0.000919
288	0.001185	-0.000278	-0.000028	0.000904	0.000694	0.000546	-0.001927	-0.000308	0.000073	0.000267	0.000060	0.000118
289	0.000502	-0.000088	-0.000039	0.000065	0.000174	0.000679	-0.000045	-0.000053	-0.000110	-0.000068	-0.000103	-0.000084
290	-0.000147	0.000120	0.000132	-0.000191	0.000061	0.000447	-0.000014	-0.000021	-0.000045	-0.000061	-0.000025	-0.000041
291	0.000242	-0.000048	-0.000047	-0.000050	0.000112	0.000071	-0.000063	-0.000014	-0.000032	-0.000032	-0.000030	-0.000047
292	0.000194	-0.000061	-0.000105	0.000013	0.000291	-0.000295	-0.000103	0.000049	0.000048	0.000028	0.000031	0.000000

293	-0.000677	0.000199	0.000163	-0.000212	0.000310	0.000682	0.000173	0.000011	0.000020	-0.000012	0.000041	-0.000014
294	-0.041558	-0.014549	-0.004126	0.022162	-0.000434	0.000544	0.000201	-0.001757	-0.000027	0.000135	-0.000152	-0.000007
295	0.001804	0.002700	0.000941	-0.003297	-0.000041	-0.000330	-0.000986	-0.000127	0.000032	0.000097	0.000038	0.000063
296	-0.000591	0.000627	0.000007	-0.000947	0.000073	0.000323	-0.000196	-0.000149	0.000066	0.000033	0.000069	0.000066
297	0.002517	0.002314	0.000548	-0.003229	-0.000001	0.000136	0.000089	-0.000060	0.000046	0.000011	0.000026	0.000028
298	-0.000625	0.000765	0.000240	-0.001031	0.000007	0.000078	0.000486	0.000000	-0.000033	-0.000080	-0.000053	-0.000067
299	-0.003034	-0.001905	-0.000650	0.002106	0.000123	-0.000072	-0.000782	0.000001	0.000022	-0.000052	0.000016	0.000000
300	0.026848	-0.005283	-0.018110	-0.046446	0.001515	0.000173	-0.001606	0.000788	-0.005589	-0.014636	-0.002507	-0.002400
301	-0.003219	0.000810	0.002636	0.001734	-0.000368	0.000007	-0.000160	-0.000591	0.001033	-0.000021	0.000508	0.000317
302	-0.001297	0.000156	0.000868	-0.000228	0.000232	0.000022	-0.000119	-0.000422	0.000193	0.000950	-0.000029	0.000104
303	-0.003728	0.000674	0.002681	0.003057	0.000047	-0.000010	-0.000009	0.000008	0.001114	0.001827	0.000260	0.000376
304	-0.001331	0.000194	0.000974	-0.000394	-0.000044	-0.000068	-0.000086	0.000581	0.000616	0.000614	0.000124	0.000202
305	0.001710	-0.000671	-0.001715	-0.002997	-0.000321	-0.000067	-0.000172	-0.000794	-0.001117	-0.001485	-0.000373	-0.000337
306	-0.008038	0.004136	0.004203	-0.015586	0.005639	0.005877	0.003982	0.004791	-0.001019	-0.000885	0.014664	0.004910
307	0.000339	-0.000033	-0.000261	0.001026	-0.000647	0.001118	0.000093	-0.000689	-0.000260	-0.000162	-0.000059	-0.001667
308	0.000075	0.000055	0.000004	0.000088	0.001550	-0.000054	-0.000090	-0.000245	0.000644	0.000638	0.002105	0.001636
309	0.000209	-0.000108	-0.000099	0.000272	-0.000459	-0.000126	-0.000036	-0.000156	0.000239	0.000270	0.001208	0.000474
310	-0.000062	-0.000050	-0.000011	0.000034	-0.000821	-0.000032	0.000048	0.000040	-0.000313	-0.000289	-0.001321	-0.000924
311	-0.000349	0.000232	0.000162	-0.000280	0.000914	-0.000039	0.000013	0.000220	-0.000501	-0.000566	-0.001227	-0.000604
312	-0.000207	-0.000096	0.000203	-0.001126	-0.000477	-0.000858	-0.000029	0.000815	0.000213	0.000131	0.000380	0.001131
313	-0.012577	0.003683	0.003568	-0.006803	0.005586	0.003878	0.004250	0.003540	-0.001818	-0.001814	-0.001733	-0.001854
314	0.001556	-0.000368	-0.000180	0.000349	0.000928	-0.000048	-0.001052	-0.000053	-0.000072	0.000017	-0.000123	-0.000137
315	-0.000325	0.000133	0.000161	-0.000020	-0.000205	0.000933	-0.000026	-0.000099	-0.000039	-0.000011	0.000014	0.000026
316	0.000016	-0.000025	-0.000056	0.000097	-0.000097	-0.000546	-0.000062	0.000006	0.000065	0.000054	0.000040	0.000061
317	0.000181	-0.000078	-0.000084	0.000009	-0.000012	-0.000548	-0.000047	0.000027	0.000006	0.000006	-0.000004	-0.000007
318	-0.000180	0.000115	0.000189	-0.000231	0.000016	0.001052	0.000231	0.000021	-0.000107	-0.000116	-0.000083	-0.000103
319	-0.001245	0.000221	-0.000029	-0.000199	-0.000628	-0.000788	0.000949	0.000096	0.000147	0.000050	0.000155	0.000160
320	0.007677	0.019501	-0.000958	-0.029095	-0.003409	-0.005275	-0.004903	-0.004386	0.001772	0.001789	0.001688	0.001711
321	-0.010918	0.001940	0.000637	-0.001828	-0.000173	0.000645	0.000776	-0.000910	0.000083	0.000099	-0.000051	0.000002
322	-0.003769	-0.002649	-0.000965	0.003984	-0.000023	-0.000042	-0.001074	-0.000237	0.000024	0.000062	0.000056	0.000082
323	-0.003355	-0.001976	-0.000404	0.002793	-0.000019	-0.000026	0.000512	0.000087	-0.000047	-0.000037	-0.000043	-0.000047
324	0.003698	0.001524	0.000365	-0.002285	-0.000031	0.000095	0.000649	0.000058	-0.000002	-0.000016	-0.000019	-0.000022
325	0.003777	0.003051	0.000751	-0.004304	0.000110	0.000274	-0.000806	-0.000079	0.000102	0.000085	0.000110	0.000098
326	0.010842	-0.001787	-0.000356	0.001489	0.000137	-0.000950	-0.000119	0.001090	-0.000159	-0.000194	-0.000051	-0.000112
327	-0.035238	-0.001084	0.023075	0.013439	-0.006475	-0.004074	-0.004600	-0.004292	-0.006763	-0.024405	0.000188	0.000178
328	-0.002159	0.000667	0.002058	-0.010545	0.000597	0.000030	-0.000666	0.000888	0.001394	0.000913	0.000399	0.000490
329	0.005047	-0.001067	-0.003327	-0.004717	0.000169	0.000074	-0.000177	-0.001190	-0.001742	-0.002908	-0.000639	-0.000657
330	0.003465	-0.000671	-0.002516	-0.004169	0.000120	-0.000023	-0.000032	0.000708	-0.000426	-0.001614	-0.000275	-0.000236
331	-0.002860	0.000550	0.001942	0.004365	0.000043	0.000008	0.000161	0.000528	0.000985	0.001857	0.000272	0.000321
332	-0.005382	0.001212	0.003900	0.005110	0.000059	0.000039	0.000082	-0.001194	0.000403	0.003460	0.000471	0.000433
333	0.001764	-0.000665	-0.001971	0.010187	-0.000992	-0.000129	0.000641	0.000213	-0.000596	-0.001633	-0.000219	-0.000341

	97	98	99	100	101	102	103	104	105	106	107	108
1	0.001113	0.001156	0.000587	0.000822	-0.003308	-0.002580	-0.002020	-0.003161	-0.002855	-0.001823	-0.002131	-0.003037
2	0.006069	0.001399	0.001793	0.006738	0.002236	-0.002251	-0.001278	0.003869	0.003201	-0.001602	-0.002843	0.001553
3	0.025269	0.052666	-0.046082	-0.049082	-0.003942	-0.000307	-0.000001	-0.003659	-0.051010	-0.045906	0.050724	0.022086
4	-0.133189	-0.109990	-0.109339	-0.131440	0.021521	0.047394	-0.048391	-0.052161	-0.003224	0.000763	0.000175	-0.002815
5	-0.053335	-0.049595	0.048906	0.019214	-0.132118	-0.108833	-0.106437	-0.128619	0.019605	0.044826	-0.050116	-0.053978
6	-0.004315	-0.001198	-0.001244	-0.003961	-0.056623	-0.050721	0.045719	0.016651	-0.129544	-0.105234	-0.110065	-0.131123

7	-0.000761	-0.001194	-0.002117	-0.001509	-0.000847	-0.001327	-0.000457	-0.000117	0.001332	0.000768	-0.000064	0.000892
8	-0.009873	-0.008602	-0.004539	-0.007370	-0.001037	0.000262	0.001183	-0.000348	-0.011127	-0.017508	0.077762	0.058395
9	0.059531	0.078239	-0.018129	-0.011410	-0.000117	0.000772	-0.000197	-0.000764	-0.007176	-0.004293	-0.008504	-0.009769
10	-0.308542	-0.337490	-0.163966	-0.211500	-0.009673	-0.007890	-0.003873	-0.006911	-0.000636	0.000468	0.001387	0.000023
11	-0.210907	-0.163774	-0.337144	-0.306640	0.058758	0.074632	-0.018707	-0.011815	0.000080	0.001183	0.000214	-0.000459
12	-0.010935	-0.017884	0.078250	0.058331	-0.301068	-0.320296	-0.158331	-0.204214	-0.010197	-0.008460	-0.004662	-0.007547
13	-0.007891	-0.004752	-0.009200	-0.010555	-0.203364	-0.160929	-0.325336	-0.298329	0.056664	0.071930	-0.020220	-0.013583
14	-0.000825	-0.000133	0.000764	-0.000421	-0.012967	-0.018987	0.075212	0.056827	-0.305909	-0.323999	-0.162052	-0.208248
15	0.000229	0.001496	0.000619	-0.000086	-0.007051	-0.004455	-0.008244	-0.009617	-0.206180	-0.163601	-0.330983	-0.301977
16	0.007733	0.006615	-0.003212	0.000276	0.005269	0.003408	0.003157	0.005056	0.011101	0.010947	0.004766	0.006277
17	0.030248	0.028151	0.025508	0.028373	0.008518	0.007941	0.007607	0.008273	0.028708	0.025435	0.028587	0.030746
18	0.006456	0.004766	0.010931	0.011001	0.005223	0.003298	0.003538	0.005343	-0.000332	-0.003814	0.005814	0.006876
19	-0.107404	-0.310609	0.414261	0.403434	0.007186	0.006078	-0.003462	-0.000069	0.005282	0.003349	0.003175	0.005122
20	0.222354	0.375645	0.374319	0.220922	0.031098	0.028977	0.025809	0.028636	0.008550	0.007744	0.008137	0.008592
21	0.403852	0.414537	-0.310024	-0.105267	0.006653	0.004950	0.011440	0.011424	0.005108	0.003215	0.003369	0.005248
22	0.011166	0.011103	0.004953	0.006565	-0.102631	-0.302644	0.413575	0.403141	0.007797	0.006533	-0.002895	0.000481
23	0.029194	0.026458	0.029232	0.031128	0.217650	0.368781	0.369209	0.216267	0.031169	0.028805	0.026471	0.029318
24	-0.000595	-0.004013	0.005783	0.006760	0.405157	0.409077	-0.304798	-0.099644	0.006123	0.004535	0.010942	0.011016
25	0.005126	0.003283	0.003053	0.004993	0.011291	0.011153	0.004682	0.006396	-0.102354	-0.300435	0.415631	0.403870
26	0.008536	0.007993	0.007957	0.008409	0.029551	0.026308	0.028955	0.031351	0.221436	0.372557	0.374228	0.220771
27	0.005485	0.003522	0.003863	0.005734	0.000843	-0.002723	0.006810	0.008067	0.402232	0.405988	-0.311109	-0.102791
28	0.111273	0.103819	0.108681	0.116137	0.034328	0.030196	0.023690	0.029406	0.031009	0.024817	0.028738	0.032969
29	-0.108211	-0.162733	0.060933	0.057064	0.033697	0.029664	0.025515	0.031075	0.029055	0.023168	0.030407	0.034055
30	0.056410	0.060772	-0.161093	-0.107094	0.112727	0.105345	0.109877	0.117273	0.034006	0.029675	0.023851	0.029371
31	0.116019	0.108621	0.104658	0.111205	-0.106626	-0.154452	0.063980	0.060057	0.032965	0.028439	0.025232	0.030680
32	0.029899	0.024550	0.028553	0.032468	0.060369	0.062531	-0.155890	-0.103914	0.110188	0.102355	0.108430	0.115907
33	0.028662	0.023077	0.029648	0.033171	0.118445	0.109997	0.105086	0.112703	-0.106837	-0.153133	0.062722	0.058669
34	0.034505	0.030666	0.023739	0.029389	0.031151	0.024891	0.028875	0.033492	0.057633	0.059972	-0.160723	-0.107324
35	0.033399	0.029015	0.025349	0.031003	0.029786	0.024288	0.030107	0.033963	0.116174	0.107689	0.103967	0.110973
36	-0.001099	-0.001217	-0.000714	-0.000793	-0.000614	-0.000656	-0.000727	-0.000632	-0.001512	-0.001489	-0.001928	-0.001351
37	-0.001180	-0.001829	-0.001313	-0.001314	-0.000570	-0.000644	-0.000625	-0.000563	-0.000794	-0.000717	-0.001249	-0.001163
38	0.062939	0.069641	-0.018309	-0.013846	-0.001143	-0.001220	-0.000747	-0.000816	-0.000646	-0.000701	-0.000757	-0.000675
39	-0.013884	-0.018308	0.069672	0.063110	-0.001218	-0.001779	-0.001383	-0.001379	-0.000598	-0.000694	-0.000638	-0.000604
40	-0.001270	-0.001253	-0.001745	-0.001131	0.062219	0.068731	-0.018293	-0.013737	-0.001228	-0.001320	-0.000767	-0.000861
41	-0.000860	-0.000771	-0.001297	-0.001214	-0.013601	-0.018197	0.068088	0.063615	-0.001222	-0.001779	-0.001366	-0.001377
42	-0.000536	-0.000590	-0.000631	-0.000553	-0.001278	-0.001280	-0.001753	-0.001155	0.062227	0.067778	-0.018464	-0.013910
43	-0.000585	-0.000683	-0.000644	-0.000595	-0.000882	-0.000814	-0.001321	-0.001240	-0.013808	-0.018340	0.069536	0.062648
44	0.008424	-0.013994	-0.001586	0.000205	0.001843	0.001813	0.001617	0.001632	0.001492	0.001512	0.001763	0.001776
45	0.000283	-0.001560	-0.010857	0.007340	0.009432	-0.008763	-0.001246	0.000453	0.001704	0.001728	0.001477	0.001463
46	0.001310	0.001380	0.001526	0.001532	0.000193	-0.001520	-0.010460	0.007617	0.009498	-0.008650	-0.001145	0.000625
47	0.001778	0.001757	0.001552	0.001555	0.001639	0.001690	0.001879	0.001895	0.000729	-0.001050	-0.009059	0.008218
48	-0.000363	-0.000496	-0.000487	-0.000484	-0.001661	-0.001734	-0.001220	-0.001514	-0.000498	-0.000351	-0.000484	-0.000340
49	0.000730	0.000589	0.000315	0.000824	0.000945	0.000643	0.000674	0.001028	0.000454	0.000170	0.000072	0.000302
50	-0.001178	-0.000473	-0.000069	-0.000490	-0.000643	-0.000266	-0.000434	-0.000855	-0.002364	-0.001615	-0.001768	-0.002365
51	0.001402	0.000745	0.000948	0.001350	0.000763	0.000240	0.000490	0.000895	0.001738	0.001201	0.000800	0.001558
52	-0.002642	-0.002192	-0.002754	-0.003062	0.001581	0.001273	0.001303	0.001536	-0.000090	-0.000027	0.000493	0.000463
53	-0.000082	-0.000089	-0.000130	-0.000114	0.000031	0.000066	-0.000010	0.000085	-0.000500	-0.000387	-0.000404	-0.000474
54	0.000121	0.000078	0.000051	0.000126	0.000129	0.000052	0.000081	0.000136	0.000146	0.000094	0.000066	0.000127
55	-0.000310	-0.000147	-0.000343	-0.000293	-0.000163	-0.000123	-0.000142	-0.000160	-0.000274	-0.000276	-0.000190	-0.000285
56	-0.000688	-0.000529	-0.000466	-0.000553	-0.000064	-0.000076	-0.000070	-0.000054	-0.000203	-0.000192	-0.000279	-0.000290

57	0.000055	0.000015	0.000030	0.000034	0.000128	0.000110	0.000113	0.000119	0.000102	0.000100	0.000054	0.000115
58	0.000144	0.000108	0.000103	0.000136	0.000163	0.000132	0.000142	0.000180	0.000180	0.000141	0.000098	0.000202
59	0.000123	0.000072	0.000083	0.000108	0.000218	0.000144	0.000167	0.000207	0.000162	0.000114	0.000126	0.000147
60	-0.000871	-0.000327	0.000337	-0.000438	0.002984	0.002344	0.001544	0.001821	0.002078	0.001760	0.002569	0.003270
61	-0.001078	-0.003354	0.001058	0.000671	0.011576	0.008277	0.009115	0.011594	-0.003523	-0.004051	-0.003993	-0.004478
62	0.003043	0.003295	0.002095	0.003456	-0.009396	-0.006947	-0.012246	-0.013775	0.005826	0.004274	0.006617	0.008234
63	0.000878	-0.000460	0.002908	0.002093	0.001906	0.001871	-0.000276	-0.001123	-0.002945	-0.002794	-0.002371	-0.001437
64	0.004010	0.002390	0.001041	0.002801	-0.005244	-0.004347	-0.007816	-0.008774	-0.001965	-0.001629	0.002221	0.000390
65	0.003486	0.003503	-0.000370	0.000886	-0.003975	-0.002946	-0.002664	-0.003106	0.000798	0.001347	0.001310	0.000162
66	-0.002117	-0.001104	-0.000693	-0.002596	0.002941	0.001998	0.005866	0.006045	-0.003314	-0.002085	-0.003541	-0.003566
67	0.001844	0.004261	0.000342	0.001271	-0.008358	-0.005963	-0.007564	-0.008635	0.000786	0.001666	0.001150	0.000886
68	-0.003750	-0.003281	-0.003583	-0.004664	0.007150	0.005676	0.010619	0.011993	-0.001674	-0.001763	-0.004044	-0.003933
69	-0.076680	-0.066640	-0.025600	-0.038176	0.048818	0.036098	0.054725	0.064422	0.063266	0.052550	0.034697	0.047525
70	-0.035670	-0.023019	-0.064257	-0.074145	-0.075757	-0.064901	-0.023378	-0.035923	0.048108	0.035018	0.054376	0.063498
71	0.065110	0.055655	0.036029	0.049276	-0.038067	-0.025573	-0.066104	-0.076883	-0.076029	-0.064657	-0.023353	-0.035572
72	0.047173	0.034301	0.053411	0.062554	0.064766	0.054235	0.035307	0.048931	-0.035632	-0.022970	-0.066156	-0.076005
73	-0.035711	-0.033061	-0.037131	-0.039364	-0.017568	-0.012147	-0.020311	-0.022183	-0.086699	-0.078149	-0.007675	-0.033823
74	0.023319	0.021862	0.015468	0.018765	0.007866	0.006966	0.006308	0.007195	0.023652	0.021746	0.020006	0.021702
75	0.021058	0.019343	0.021570	0.022972	0.007367	0.006507	0.006926	0.007842	0.019179	0.015492	0.022109	0.023620
76	-0.031773	-0.006479	-0.079685	-0.086208	-0.022777	-0.021163	-0.012222	-0.017452	-0.040462	-0.037851	-0.033994	-0.036500
77	0.203800	0.088625	0.331588	0.370491	-0.036787	-0.034167	-0.038129	-0.040268	-0.017670	-0.012115	-0.021038	-0.022458
78	-0.695152	-0.701479	-0.133408	-0.172672	0.023791	0.022171	0.015940	0.019262	0.007908	0.006854	0.006654	0.007373
79	-0.172904	-0.133182	-0.701203	-0.695115	0.021859	0.020025	0.022182	0.023674	0.007361	0.006368	0.007049	0.007850
80	0.371897	0.332804	0.088984	0.205445	-0.034375	-0.010757	-0.080933	-0.087729	-0.021991	-0.019761	-0.012140	-0.017074
81	-0.086464	-0.079902	-0.007756	-0.034000	0.206773	0.097442	0.333752	0.372361	-0.036618	-0.033680	-0.038220	-0.040298
82	0.023698	0.022234	0.020090	0.021780	-0.696307	-0.697326	-0.133739	-0.173749	0.024016	0.022186	0.016197	0.019510
83	0.019191	0.015943	0.022250	0.023652	-0.173806	-0.133440	-0.699578	-0.695050	0.021772	0.019776	0.022306	0.023801
84	-0.040199	-0.038087	-0.034199	-0.036631	0.375626	0.331098	0.097131	0.211705	-0.035274	-0.011827	-0.082479	-0.089194
85	-0.017309	-0.012308	-0.020978	-0.022203	-0.091403	-0.082502	-0.010832	-0.037337	0.207652	0.098662	0.334011	0.371965
86	0.007808	0.006986	0.006499	0.007226	0.023996	0.022091	0.019701	0.021768	-0.694386	-0.695511	-0.133143	-0.172628
87	0.007416	0.006615	0.007065	0.007854	0.019712	0.015956	0.022160	0.024026	-0.173041	-0.132940	-0.700782	-0.693998
88	-0.022352	-0.020844	-0.012060	-0.017023	-0.040091	-0.037721	-0.033290	-0.036133	0.369998	0.324862	0.090655	0.205566
89	-0.035128	-0.040268	0.066816	0.055995	0.012385	0.010136	0.008169	0.011133	0.010866	0.007721	0.010113	0.012183
90	0.055104	0.066073	-0.041702	-0.034900	-0.034996	-0.040054	0.067203	0.056621	0.012266	0.009919	0.007791	0.010699
91	0.010680	0.007741	0.009898	0.012013	0.056607	0.066492	-0.040370	-0.034226	-0.034975	-0.039738	0.066346	0.055909
92	0.012538	0.010278	0.007917	0.010895	0.010671	0.007523	0.009867	0.012070	0.055395	0.065342	-0.040798	-0.035250
93	-0.011989	-0.011335	-0.008650	-0.010129	-0.004103	-0.003743	-0.003420	-0.003727	-0.012196	-0.011301	-0.010668	-0.011096
94	-0.011338	-0.010534	-0.006819	-0.008641	-0.003765	-0.003223	-0.002886	-0.003467	-0.011452	-0.010442	-0.009337	-0.010604
95	-0.010384	-0.009101	-0.010388	-0.011178	-0.003542	-0.002979	-0.003164	-0.003702	-0.008782	-0.006778	-0.010599	-0.011404
96	-0.010779	-0.010354	-0.011232	-0.011873	-0.003827	-0.003544	-0.003714	-0.004087	-0.010342	-0.008670	-0.011475	-0.012173
97	0.557112	0.138128	0.081601	0.091337	-0.012230	-0.011476	-0.008857	-0.010345	-0.004117	-0.003676	-0.003597	-0.003813
98	0.138128	0.563427	0.051866	0.081389	-0.011549	-0.010688	-0.007062	-0.008888	-0.003791	-0.003178	-0.003061	-0.003564
99	0.081601	0.051866	0.563710	0.137517	-0.010743	-0.009388	-0.010719	-0.011528	-0.003562	-0.002939	-0.003281	-0.003768
100	0.091337	0.081389	0.137517	0.557647	-0.011139	-0.010666	-0.011483	-0.012175	-0.003789	-0.003429	-0.003768	-0.004072
101	-0.012230	-0.011549	-0.010743	-0.011139	0.557793	0.138252	0.081812	0.091958	-0.012442	-0.011569	-0.009117	-0.010604
102	-0.011476	-0.010688	-0.009388	-0.010666	0.138252	0.558789	0.051822	0.081605	-0.011535	-0.010564	-0.007079	-0.008901
103	-0.008857	-0.007062	-0.010719	-0.011483	0.081812	0.051822	0.562547	0.136995	-0.010586	-0.009153	-0.010657	-0.011455
104	-0.010345	-0.008888	-0.011528	-0.012175	0.091958	0.081605	0.136995	0.558015	-0.011182	-0.010619	-0.011641	-0.012340
105	-0.004117	-0.003791	-0.003562	-0.003789	-0.012442	-0.011535	-0.010586	-0.011182	0.556598	0.137850	0.081462	0.091441
106	-0.003676	-0.003178	-0.002939	-0.003429	-0.011569	-0.010564	-0.009153	-0.010619	0.137850	0.557706	0.051612	0.081159

107	-0.003597	-0.003061	-0.003281	-0.003768	-0.009117	-0.007079	-0.010657	-0.011641	0.081462	0.051612	0.563897	0.136866
108	-0.003813	-0.003564	-0.003768	-0.004072	-0.010604	-0.008901	-0.011455	-0.012340	0.091441	0.081159	0.136866	0.557126
109	0.046923	0.080400	-0.019751	-0.014986	-0.006671	-0.005786	-0.005287	-0.006258	-0.005113	-0.003450	-0.005096	-0.005933
110	-0.011789	-0.040199	-0.047084	-0.041027	-0.005688	-0.004344	-0.002831	-0.004803	-0.005721	-0.004253	-0.005002	-0.006225
111	-0.040230	-0.046215	-0.037608	-0.010213	0.044737	0.073858	-0.020393	-0.015592	-0.006228	-0.005084	-0.004545	-0.005618
112	-0.014879	-0.019822	0.079095	0.045022	-0.009621	-0.033719	-0.046590	-0.040779	-0.005973	-0.004780	-0.003249	-0.005059
113	-0.004825	-0.002877	-0.004588	-0.005468	-0.040704	-0.046725	-0.035785	-0.010062	0.044406	0.071855	-0.020400	-0.015695
114	-0.005808	-0.004833	-0.005310	-0.006520	-0.015948	-0.019820	0.076083	0.044255	-0.009333	-0.032016	-0.045966	-0.040195
115	-0.006851	-0.005459	-0.004886	-0.006019	-0.004828	-0.003314	-0.004918	-0.005637	-0.040549	-0.046446	-0.037496	-0.009910
116	-0.005633	-0.004800	-0.003024	-0.004832	-0.005852	-0.004246	-0.004931	-0.006413	-0.014761	-0.018842	0.078399	0.045274
117	0.001065	0.001434	0.001962	0.002363	-0.004881	-0.003998	-0.003982	-0.004881	-0.001828	-0.001684	-0.002693	-0.002896
118	-0.000359	0.000151	0.000596	0.000310	-0.003072	-0.002338	-0.002268	-0.003126	-0.002199	-0.001546	-0.001873	-0.002504
119	-0.000503	0.000030	0.000302	0.000055	0.000110	0.000516	0.000011	-0.000146	-0.002127	-0.001613	-0.001539	-0.002194
120	-0.000957	-0.000618	-0.000593	-0.000867	-0.000398	-0.000164	-0.000245	-0.000480	-0.001003	-0.000705	-0.000597	-0.000901
121	0.000578	0.000380	0.000335	0.000524	0.000285	0.000149	0.000179	0.000336	0.000612	0.000406	0.000367	0.000537
122	0.000383	0.000242	0.000260	0.000346	0.000116	0.000019	0.000070	0.000149	0.000386	0.000295	0.000226	0.000361
123	-0.000790	-0.000481	-0.000235	-0.000521	-0.001525	-0.001177	-0.001203	-0.001597	-0.001344	-0.000980	-0.001000	-0.001385
124	0.000260	0.000215	0.000036	0.000205	0.000690	0.000552	0.000527	0.000706	0.000543	0.000393	0.000391	0.000527
125	0.000522	0.000259	0.000193	0.000309	0.000832	0.000620	0.000672	0.000885	0.000806	0.000592	0.000615	0.000861
126	-0.000719	-0.000275	0.000438	-0.000005	-0.001255	-0.000779	-0.001013	-0.001435	-0.001852	-0.001336	-0.001507	-0.002033
127	-0.000761	-0.000266	0.000026	-0.000370	-0.000894	-0.000439	-0.000700	-0.001096	-0.001517	-0.001041	-0.001126	-0.001618
128	-0.000055	-0.000020	-0.000061	-0.000079	0.000012	0.000026	0.000024	0.000004	-0.000075	-0.000047	-0.000024	-0.000048
129	0.000129	0.000075	0.000101	0.000124	0.000099	0.000056	0.000062	0.000106	0.000210	0.000156	0.000120	0.000216
130	0.000132	0.000074	0.000047	0.000110	0.000182	0.000108	0.000147	0.000193	0.000117	0.000083	0.000070	0.000114
131	-0.000064	-0.000011	-0.000034	-0.000049	-0.000072	-0.000045	-0.000053	-0.000071	-0.000058	-0.000028	-0.000078	-0.000041
132	-0.000096	-0.000098	-0.000028	-0.000080	-0.000083	-0.000062	-0.000077	-0.000100	-0.000095	-0.000066	-0.000043	-0.000118
133	-0.000052	-0.000025	-0.000028	-0.000031	-0.000144	-0.000085	-0.000108	-0.000139	-0.000106	-0.000103	-0.000049	-0.000130
134	-0.000220	0.001522	0.001330	0.000265	-0.001911	-0.001370	-0.001508	-0.001730	0.004011	0.003721	0.003957	0.003327
135	-0.002318	-0.001064	0.000291	-0.001229	-0.000109	0.000438	-0.000141	-0.000602	-0.000331	0.000049	-0.001610	-0.002159
136	-0.003616	-0.002960	-0.000457	-0.002082	-0.000505	-0.000223	0.000831	0.000364	0.001551	0.001267	0.000057	0.000979
137	-0.003972	-0.004190	-0.001980	-0.003106	-0.000151	-0.000627	0.001670	0.001821	0.001806	0.001413	0.001027	0.001316
138	0.002219	0.002035	0.004296	0.003446	0.000874	-0.000040	0.001539	0.002304	0.002367	0.001457	0.001182	0.001722
139	0.010401	0.004400	0.021606	0.022475	0.001354	0.000624	0.003806	0.004635	-0.002255	-0.001901	-0.002202	-0.002154
140	-0.005796	-0.012333	0.000982	-0.001047	0.002183	0.001007	0.003422	0.004526	0.001065	0.000426	0.001271	0.001295
141	0.012421	0.011033	0.007362	0.006816	0.001274	0.000811	0.002410	0.003322	0.000003	-0.000033	-0.000384	-0.000398
142	-0.002918	-0.004680	-0.006051	-0.007119	0.001374	0.001653	0.001158	0.001676	-0.000467	0.000057	0.000042	-0.000485
143	-0.005653	-0.007884	0.015713	0.007455	-0.002943	-0.001197	-0.001573	-0.001433	-0.001265	-0.000948	0.000222	-0.000461
144	-0.002005	-0.002501	-0.004771	-0.003208	0.045003	0.041319	0.022211	0.033645	-0.008267	-0.008897	-0.004563	-0.005511
145	0.000066	-0.001260	0.000547	0.000376	0.009873	0.006612	-0.014380	-0.011214	-0.001765	-0.001874	0.000963	0.000142
146	0.000512	0.000367	0.001385	0.000974	-0.001512	-0.001369	0.001198	0.002882	-0.000767	-0.001161	0.000159	0.000122
147	0.001744	0.001032	-0.000473	0.000889	0.005327	0.001734	0.003956	0.004790	-0.000527	-0.000626	-0.001382	-0.000957
148	0.004967	0.003532	0.000723	0.002930	-0.010778	-0.007958	-0.015616	-0.011049	0.004952	0.002409	0.003347	0.005550
149	-0.001396	-0.000917	-0.001309	-0.001417	0.000998	0.001425	0.000229	0.000029	0.006556	-0.000190	0.027565	0.028892
150	0.001973	0.001187	0.000353	0.001702	0.004984	0.004747	0.000860	0.001570	-0.006170	-0.003253	-0.001024	0.000135
151	0.001524	0.001589	-0.000254	0.000746	-0.001535	-0.000935	-0.003792	-0.003336	0.008615	0.006999	-0.006377	-0.002087
152	-0.000314	0.000537	-0.000801	-0.000776	0.000562	0.001419	-0.002534	-0.002334	0.006423	0.008325	-0.003618	-0.004031
153	-0.000657	0.000478	0.000104	-0.000639	0.001431	0.002439	-0.000196	-0.000465	-0.008956	-0.008860	0.002811	0.006317
154	0.000707	-0.002901	-0.001668	-0.001593	0.001126	0.000174	0.002509	0.003464	0.001448	0.000786	0.000616	0.001095
155	0.001211	0.000291	0.005314	0.001906	-0.004108	-0.003237	-0.004985	-0.006027	-0.001614	-0.001380	0.000238	-0.000401
156	0.002803	0.001886	-0.000079	0.001423	-0.003302	-0.003832	-0.004088	-0.001714	0.006426	0.006616	-0.001838	0.000674

157	-0.001598	-0.000464	-0.000086	-0.001297	0.000481	0.001354	-0.000441	-0.000453	-0.001889	-0.000702	-0.004192	-0.004382
158	0.000105	0.000121	0.000069	0.000190	-0.000536	-0.000506	-0.000445	-0.000589	0.000092	0.000094	0.000108	0.000151
159	-0.001036	-0.000964	-0.000715	-0.000802	-0.000890	-0.001000	-0.000960	-0.001411	0.001154	0.001098	0.001146	0.000871
160	-0.001087	-0.000980	-0.000788	-0.000920	-0.000460	-0.000620	-0.000526	-0.000836	0.000751	0.000739	0.000806	0.000465
161	-0.000120	-0.000150	-0.000147	-0.000163	0.000280	0.000191	0.000216	0.000276	-0.000027	-0.000041	-0.000048	-0.000158
162	-0.002002	-0.001138	-0.001100	-0.001823	0.001200	0.000989	0.000603	0.000760	-0.001021	-0.000793	-0.001129	-0.001328
163	-0.001428	-0.001438	-0.001553	-0.001919	0.002389	0.001870	0.002292	0.002825	-0.001143	-0.001051	-0.001295	-0.001853
164	-0.004931	-0.003335	-0.001162	-0.003683	-0.000365	0.000043	0.001920	0.001199	0.002784	0.002541	0.000163	0.001387
165	0.000080	0.000531	-0.001267	-0.001147	-0.000114	-0.000218	0.000169	0.000168	-0.000683	-0.000501	-0.000861	-0.001148
166	0.006469	0.007211	0.001874	0.003841	0.000096	0.000746	-0.002674	-0.002871	-0.003675	-0.002922	-0.002420	-0.003167
167	0.011955	0.018152	-0.004514	-0.000206	0.002898	0.001720	0.004658	0.006181	-0.000038	-0.000046	-0.000483	-0.000677
168	-0.013881	-0.016434	-0.018824	-0.015558	0.001568	0.001190	0.001395	0.001468	0.000526	0.000554	0.000669	0.000608
169	-0.004362	-0.005234	-0.009695	0.004877	-0.001708	-0.002662	-0.001601	-0.002384	0.000937	0.000116	0.000019	0.000896
170	-0.007120	-0.005277	-0.003646	-0.004376	0.013372	0.004028	0.005492	0.013805	0.003661	0.002948	0.001251	0.001747
171	-0.001081	-0.000876	-0.002209	-0.001616	0.011387	0.009734	-0.000410	-0.001861	0.000645	0.001211	-0.000343	-0.000482
172	-0.003292	-0.001918	-0.000768	-0.002353	0.000156	0.005725	-0.016552	-0.010633	0.002460	0.003254	0.002705	0.001855
173	0.001829	0.002006	-0.000918	0.000558	-0.001706	-0.000776	-0.006711	-0.005776	0.017182	0.016539	-0.006578	-0.001284
174	-0.000561	-0.000539	-0.000394	-0.000441	0.000720	0.000672	-0.000668	-0.000321	0.003690	0.004585	0.002269	-0.000117
175	0.000146	-0.001227	0.000952	0.000901	-0.000146	-0.001514	0.003250	0.003328	-0.004629	-0.007145	0.003274	0.009645
176	-0.003649	-0.006930	-0.009356	-0.007123	0.000066	-0.001410	0.001007	0.001746	-0.001787	-0.001603	0.001923	-0.000132
177	-0.003732	0.006935	-0.004044	-0.001925	-0.001420	0.000017	-0.003354	-0.003544	-0.002672	-0.001765	0.000891	-0.000851
178	0.004115	0.000853	0.011655	0.002252	-0.002998	-0.002607	-0.005605	-0.007419	-0.001207	-0.000031	-0.000350	-0.000972
179	-0.001216	-0.003373	-0.005112	-0.000646	0.013169	0.019964	0.002872	0.002445	0.000074	-0.000203	-0.002686	-0.001488
180	0.000908	0.000523	-0.001725	0.000412	0.006174	0.005905	-0.005669	0.003573	-0.002649	0.001469	-0.007157	-0.007906
181	-0.003185	-0.001968	-0.000581	-0.001977	0.012418	0.012896	0.005761	0.005403	-0.021068	-0.026631	-0.002271	-0.009527
182	-0.003681	-0.002838	-0.000727	-0.002592	0.004174	0.003881	0.004742	0.004239	0.000262	0.001590	-0.024677	-0.010383
183	-0.001205	-0.002957	-0.000750	-0.000839	0.001946	0.000570	0.002939	0.004103	0.003587	0.003015	0.007144	0.004392
184	-0.001505	-0.001355	-0.001016	-0.001302	0.000372	0.000107	0.000193	0.000090	0.001035	0.000983	0.000939	0.000586
185	-0.001246	-0.001163	-0.000770	-0.000967	-0.001355	-0.001340	-0.001448	-0.001976	0.001437	0.001397	0.001434	0.001129
186	0.000073	0.000099	0.000005	0.000054	0.000131	0.000118	0.000194	0.000235	-0.000207	-0.000184	-0.000246	-0.000130
187	0.001501	0.001369	0.001068	0.001318	0.000609	0.000724	0.000705	0.001059	-0.001047	-0.001050	-0.000984	-0.000696
188	0.001213	0.001091	0.000755	0.000945	0.000220	0.000381	0.000345	0.000585	-0.001273	-0.001194	-0.001204	-0.000949
189	0.000058	0.000018	0.000053	0.000044	0.000006	0.000020	0.000004	0.000014	-0.000008	-0.000003	-0.000007	-0.000013
190	0.001260	-0.013416	-0.001789	-0.001880	-0.000205	-0.000298	-0.000333	-0.000310	-0.000325	-0.000315	-0.000208	-0.000207
191	0.001588	-0.001811	0.000406	-0.000166	-0.000139	-0.000129	-0.000263	-0.000240	-0.000067	-0.000082	-0.000122	-0.000059
192	-0.002494	-0.000422	-0.000364	-0.000449	-0.000047	0.000018	0.000008	0.000024	-0.000030	-0.000047	-0.000024	0.000004
193	0.002442	0.001712	0.000900	0.000753	0.000006	-0.000051	-0.000091	-0.000087	-0.000110	-0.000097	-0.000137	-0.000155
194	-0.002952	-0.003865	-0.000756	-0.001133	-0.000068	-0.000174	-0.000084	-0.000071	-0.000087	-0.000067	0.000054	0.000087
195	0.002721	-0.000866	-0.000403	-0.000535	-0.000264	-0.000220	-0.000392	-0.000376	-0.000463	-0.000486	-0.000437	-0.000378
196	0.000693	0.000293	0.000297	0.000205	-0.000015	-0.000001	-0.000087	-0.000074	-0.000028	-0.000029	0.000000	-0.000030
197	-0.000685	0.000113	-0.000022	-0.000196	-0.000024	-0.000043	-0.000052	-0.000040	-0.000061	-0.000054	-0.000067	-0.000055
198	-0.000380	0.000292	-0.000080	-0.000132	-0.000034	-0.000055	-0.000033	-0.000025	-0.000031	-0.000035	-0.000048	-0.000035
199	-0.000337	0.000061	-0.000122	-0.000182	-0.000050	-0.000039	-0.000059	-0.000049	-0.000062	-0.000047	-0.000056	-0.000045
200	-0.000110	0.000408	-0.000031	-0.000017	0.000037	0.000075	0.000034	0.000033	0.000001	-0.000009	0.000036	0.000039
201	-0.001828	-0.001754	-0.012658	0.000643	0.003133	-0.002221	-0.000351	-0.000596	-0.000198	-0.000256	-0.000272	-0.000289
202	0.000121	0.000691	-0.001211	0.001652	-0.002371	-0.003599	-0.000494	-0.000892	-0.000085	-0.000080	-0.000110	-0.000117
203	-0.000566	-0.000456	-0.000859	-0.002260	0.001385	0.000600	0.000631	0.000546	0.000088	0.000097	0.000026	0.000022
204	0.000433	0.000578	0.000827	0.002053	-0.001865	-0.001272	-0.000196	-0.000407	-0.000037	-0.000083	-0.000013	0.000004
205	-0.000765	-0.000385	-0.003431	-0.002352	0.000825	-0.001963	0.000559	-0.000052	-0.000036	-0.000136	-0.000157	-0.000141
206	-0.000646	-0.000530	-0.001095	0.002578	0.001895	-0.010071	-0.001766	-0.001772	-0.000332	-0.000308	-0.000448	-0.000476

207	0.000239	0.000310	-0.000265	0.000522	-0.000233	0.000328	-0.000006	-0.000029	0.000021	0.000026	0.000014	0.000001
208	-0.000241	-0.000075	0.000083	-0.000673	-0.000414	0.000075	-0.000116	-0.000194	-0.000028	-0.000039	-0.000029	-0.000032
209	-0.000119	-0.000059	0.000295	-0.000365	-0.000375	0.000313	-0.000062	-0.000132	-0.000032	-0.000047	-0.000029	-0.000021
210	-0.000234	-0.000169	0.000014	-0.000413	-0.000583	0.000145	-0.000074	-0.000218	-0.000029	-0.000051	-0.000036	-0.000035
211	-0.000009	-0.000011	0.000518	-0.000187	0.000315	-0.000197	0.000132	0.000088	0.000047	0.000043	0.000016	0.000001
212	-0.000410	-0.000346	-0.000307	-0.000334	-0.000676	-0.000600	-0.001182	0.002444	0.001573	0.010452	-0.001786	-0.001869
213	-0.000025	-0.000047	-0.000053	0.000011	-0.000819	-0.000429	-0.003301	-0.002413	0.000822	-0.001836	0.000473	-0.000047
214	-0.000092	-0.000122	-0.000077	-0.000021	0.000462	0.000615	0.000739	0.002067	-0.001760	-0.001299	-0.000289	-0.000398
215	0.000003	0.000022	-0.000062	-0.000079	-0.000528	-0.000484	-0.000686	-0.002288	0.001489	0.000569	0.000697	0.000554
216	-0.000173	-0.000143	-0.000101	-0.000058	0.000105	0.000642	-0.001476	0.001655	-0.002357	-0.003620	-0.000406	-0.000872
217	-0.000317	-0.000334	-0.000283	-0.000201	-0.001761	-0.001666	-0.012381	0.000889	0.003134	-0.001981	-0.000421	-0.000543
218	0.000016	0.000018	0.000048	0.000023	0.000046	0.000017	0.000493	-0.000114	0.000577	-0.000172	0.000181	0.000169
219	-0.000054	-0.000043	-0.000064	-0.000061	-0.000240	-0.000176	0.000002	-0.000407	-0.000561	0.000135	-0.000053	-0.000195
220	-0.000016	-0.000020	-0.000042	-0.000023	-0.000130	-0.000075	0.000280	-0.000370	-0.000370	0.000295	-0.000063	-0.000121
221	-0.000065	-0.000050	-0.000068	-0.000047	-0.000227	-0.000063	0.000114	-0.000671	-0.000404	0.000073	-0.000128	-0.000187
222	-0.000015	-0.000029	0.000023	0.000042	0.000210	0.000266	-0.000133	0.000424	-0.000278	0.000349	-0.000078	-0.000081
223	-0.000318	-0.000325	-0.000429	-0.000420	-0.000470	-0.000477	-0.000346	-0.000363	-0.001966	-0.001964	-0.011085	0.001641
224	-0.000077	-0.000136	-0.000088	-0.000073	-0.000120	-0.000096	-0.000114	0.000029	0.000281	0.000912	-0.001301	0.001559
225	0.000012	-0.000027	-0.000076	-0.000061	-0.000070	-0.000062	-0.000170	-0.000105	-0.000663	-0.000479	-0.001466	-0.002333
226	-0.000089	-0.000093	-0.000028	-0.000007	-0.000033	-0.000032	0.000054	0.000012	0.000534	0.000639	0.000679	0.001717
227	-0.000032	-0.000095	-0.000178	-0.000171	-0.000091	-0.000084	-0.000053	-0.000088	-0.000915	-0.000539	-0.003892	-0.002476
228	-0.000173	-0.000236	-0.000292	-0.000300	-0.000374	-0.000347	-0.000357	-0.000257	-0.000717	-0.000511	-0.002064	0.002927
229	0.000021	0.000037	0.000011	0.000007	-0.000030	-0.000039	0.000021	0.000019	0.000133	0.000185	-0.000401	0.000448
230	-0.000048	-0.000054	-0.000053	-0.000039	-0.000065	-0.000055	-0.000064	-0.000055	-0.000241	-0.000084	0.000105	-0.000643
231	-0.000023	-0.000040	-0.000022	-0.000014	-0.000024	-0.000025	-0.000042	-0.000028	-0.000117	-0.000053	0.000301	-0.000368
232	-0.000020	-0.000054	-0.000041	-0.000032	-0.000050	-0.000027	-0.000052	-0.000040	-0.000222	-0.000146	-0.000003	-0.000422
233	0.000010	0.000006	-0.000038	-0.000043	-0.000013	-0.000006	0.000000	0.000008	-0.000078	-0.000047	0.000331	-0.000280
234	0.000641	0.000012	-0.000327	-0.001056	-0.000143	-0.000446	-0.000330	-0.000362	-0.000545	-0.000451	-0.000249	-0.000290
235	-0.003793	-0.015928	-0.002710	-0.002698	-0.000025	0.000140	-0.000088	-0.000074	0.000038	-0.000020	-0.000076	0.000077
236	0.001368	0.002579	0.000361	0.000762	-0.000026	0.000097	0.000068	0.000079	0.000194	0.000158	0.000122	0.000111
237	0.000956	0.003287	0.000334	0.000480	-0.000086	0.000028	0.000018	0.000031	0.000123	0.000090	0.000027	0.000036
238	0.000410	0.000264	0.000472	0.000359	0.000049	-0.000008	-0.000010	-0.000010	-0.000054	-0.000031	-0.000034	-0.000062
239	0.000676	0.000251	0.000449	0.000464	0.000082	0.000042	0.000050	0.000045	0.000003	0.000017	0.000018	-0.000021
240	-0.001343	-0.000556	-0.000169	-0.000328	0.000040	0.000014	0.000045	0.000044	0.000040	0.000040	0.000026	0.000048
241	-0.001222	-0.000722	-0.000171	-0.000311	0.000036	0.000007	0.000036	0.000035	0.000041	0.000042	0.000028	0.000050
242	-0.000505	0.001572	-0.000089	0.000035	-0.000020	0.000063	0.000035	0.000025	0.000061	0.000047	0.000055	0.000059
243	-0.000843	0.001187	-0.000212	-0.000164	-0.000047	0.000014	-0.000015	-0.000019	0.000006	0.000004	0.000011	0.000034
244	0.001835	0.003587	0.000977	0.001152	0.000030	-0.000026	0.000048	0.000065	0.000028	0.000033	0.000002	-0.000045
245	0.001845	0.004535	0.001095	0.001313	0.000110	0.000075	0.000140	0.000141	0.000065	0.000070	0.000068	0.000000
246	-0.001246	-0.000655	-0.001129	0.000849	-0.001452	-0.000891	-0.001860	-0.002241	-0.000335	-0.000549	-0.000513	-0.000469
247	-0.002392	-0.002276	-0.012502	-0.004175	0.000087	-0.002251	-0.000858	-0.001187	0.000044	0.000195	0.000013	-0.000072
248	0.000925	0.000543	0.002728	0.000701	0.001147	0.003146	0.000730	0.001038	0.000090	0.000169	0.000154	0.000145
249	0.000619	0.000480	0.002498	0.001494	0.001337	0.002110	0.000640	0.000904	0.000045	0.000087	0.000086	0.000089
250	0.000180	0.000276	0.000093	0.000401	-0.000632	0.000798	0.000016	-0.000027	-0.000021	-0.000039	-0.000007	-0.000007
251	0.000304	0.000279	0.000116	0.000682	-0.000274	0.001180	0.000139	0.000183	0.000016	0.000000	0.000039	0.000044
252	-0.000306	-0.000145	-0.000382	-0.001316	-0.001242	-0.000352	-0.000133	-0.000283	0.000046	0.000036	0.000043	0.000049
253	-0.000286	-0.000134	-0.000529	-0.001200	-0.001329	-0.000270	-0.000132	-0.000296	0.000047	0.000024	0.000044	0.000053
254	0.000084	-0.000021	0.001467	-0.000398	0.000465	0.000249	0.000224	0.000315	0.000053	0.000086	0.000046	0.000035
255	-0.000113	-0.000148	0.001087	-0.000736	0.000228	0.000173	0.000204	0.000189	0.000019	0.000037	-0.000014	-0.000015
256	0.001027	0.000841	0.002779	0.001881	0.000940	0.001706	0.000583	0.000655	-0.000015	-0.000053	0.000048	0.000065

257	0.001215	0.000969	0.003852	0.001839	0.000707	0.002350	0.000438	0.000739	0.000006	0.000005	0.000063	0.000081
258	-0.000150	-0.000041	-0.000081	-0.000086	-0.002433	-0.002484	-0.012633	-0.003790	0.000681	-0.002061	-0.000274	-0.000884
259	-0.000391	-0.000405	-0.000289	-0.000201	-0.001385	-0.000540	-0.000922	0.000470	-0.002433	-0.009016	-0.002375	-0.002483
260	0.000162	0.000120	0.000138	0.000127	0.001308	0.001079	0.003902	0.001869	0.000577	0.002228	0.000239	0.000641
261	0.000090	0.000015	0.000026	0.000060	0.001040	0.000840	0.002683	0.001815	0.001105	0.001731	0.000449	0.000627
262	-0.000033	-0.000001	-0.000017	-0.000054	-0.000129	-0.000168	0.001099	-0.000759	0.000263	0.000175	0.000307	0.000220
263	0.000021	0.000045	0.000022	-0.000026	0.000071	-0.000057	0.001468	-0.000420	0.000504	0.000237	0.000318	0.000345
264	0.000050	0.000048	0.000025	0.000046	-0.000323	-0.000170	-0.000519	-0.001234	-0.001319	-0.000247	-0.000130	-0.000299
265	0.000055	0.000056	0.000029	0.000049	-0.000328	-0.000162	-0.000361	-0.001332	-0.001232	-0.000339	-0.000119	-0.000281
266	0.000013	-0.000012	0.000023	0.000040	0.000323	0.000319	0.000084	0.000697	-0.000275	0.001186	0.000062	0.000181
267	-0.000043	-0.000060	-0.000022	0.000017	0.000205	0.000319	0.000060	0.000434	-0.000608	0.000820	-0.000058	-0.000018
268	0.000092	0.000098	0.000037	-0.000015	0.000748	0.000554	0.002489	0.001510	0.001420	0.002119	0.000717	0.000883
269	0.000136	0.000136	0.000109	0.000041	0.000906	0.000474	0.002699	0.000755	0.001305	0.003137	0.000858	0.001063
270	0.000043	-0.000028	-0.000083	-0.000119	-0.000045	-0.000045	0.000245	-0.000021	-0.000893	-0.000569	-0.001707	0.000719
271	-0.000211	-0.000275	-0.000320	-0.000320	-0.000390	-0.000325	-0.000542	-0.000162	-0.002370	-0.002049	-0.009813	-0.002238
272	0.000124	0.000165	0.000155	0.000165	0.000047	0.000033	-0.000060	-0.000007	0.000501	0.000184	0.001992	0.000580
273	0.000026	0.000037	0.000049	0.000065	-0.000004	-0.000009	-0.000116	-0.000064	0.000482	0.000434	0.001960	0.000812
274	-0.000082	-0.000058	-0.000049	-0.000049	-0.000009	-0.000009	0.000067	0.000024	0.000349	0.000397	0.000327	0.000400
275	-0.000051	-0.000027	0.000003	0.000001	0.000069	0.000056	0.000139	0.000071	0.000488	0.000412	0.000377	0.000659
276	0.000035	0.000010	0.000039	0.000038	0.000079	0.000080	0.000050	0.000073	-0.000209	-0.000050	-0.000126	-0.000183
277	0.000041	0.000016	0.000043	0.000043	0.000069	0.000071	0.000049	0.000065	-0.000214	-0.000077	-0.000276	-0.001108
278	0.000103	0.000101	0.000071	0.000074	0.000000	0.000016	-0.000053	-0.000019	-0.000056	-0.000104	0.000999	-0.000618
279	0.000084	0.000061	0.000025	0.000028	-0.000051	-0.000031	-0.000093	-0.000054	-0.000250	-0.000233	0.000605	-0.000962
280	-0.000106	-0.000058	-0.000015	-0.000003	0.000062	0.000023	0.000091	-0.000008	0.000971	0.000731	0.002267	0.001455
281	-0.000008	0.000056	0.000080	0.000076	0.000172	0.000139	0.000222	0.000101	0.001196	0.000917	0.003361	0.001475
282	-0.006428	-0.015308	-0.002581	-0.002540	0.000093	0.000103	0.000500	0.000158	0.000114	0.000094	0.000423	0.000170
283	0.001174	0.001432	0.000337	0.000286	-0.000090	-0.000103	-0.000032	-0.000095	-0.000003	-0.000004	0.000076	-0.000008
284	0.000612	0.000597	0.000103	0.000201	-0.000054	-0.000040	-0.000095	-0.000070	-0.000070	-0.000070	-0.000082	-0.000033
285	0.001153	0.001843	0.000222	0.000320	-0.000071	-0.000046	-0.000061	-0.000059	-0.000005	-0.000007	-0.000010	0.000013
286	0.000269	0.000937	-0.000025	0.000117	0.000004	0.000032	0.000011	0.000039	0.000042	0.000042	-0.000001	0.000033
287	-0.000748	-0.000052	-0.000497	-0.000281	-0.000057	-0.000021	-0.000111	-0.000047	-0.000133	-0.000143	-0.000191	-0.000120
288	-0.002188	-0.002194	-0.013639	-0.005340	0.003956	0.011178	0.002414	0.002305	0.000144	0.000139	-0.000111	0.000147
289	0.000303	0.000379	0.001552	0.001123	-0.001009	-0.001266	-0.000377	-0.000254	0.000026	0.000063	-0.000002	0.000041
290	0.000213	0.000121	0.000546	0.000589	-0.000215	-0.000549	-0.000060	-0.000175	-0.000043	-0.000076	-0.000056	-0.000077
291	0.000321	0.000218	0.001593	0.001149	-0.000973	-0.001413	-0.000257	-0.000353	0.000039	0.000008	0.000024	0.000021
292	0.000088	-0.000059	0.000873	0.000254	-0.000499	-0.000195	-0.000006	-0.000112	0.000041	0.000019	0.000062	0.000044
293	-0.000312	-0.000512	-0.000828	-0.000686	0.000971	0.001599	0.000449	0.000349	-0.000084	-0.000115	-0.000055	-0.000108
294	0.000005	0.000308	-0.000062	0.000157	-0.001964	-0.002266	-0.012627	-0.005257	0.003988	0.010576	0.002093	0.002009
295	-0.000025	0.000028	-0.000052	0.000039	0.000381	0.000519	0.001055	0.000733	-0.001069	-0.001633	-0.000516	-0.000420
296	0.000050	0.000027	0.000038	-0.000009	0.000045	-0.000072	0.000731	0.000224	-0.000472	-0.000155	0.000053	-0.000068
297	-0.000024	-0.000030	-0.000024	-0.000046	0.000314	0.000219	0.001457	0.001130	-0.000989	-0.001329	-0.000225	-0.000314
298	-0.000038	-0.000068	-0.000014	-0.000042	0.000220	0.000160	0.000526	0.000599	-0.000228	-0.000538	-0.000052	-0.000172
299	0.000124	0.000054	0.000128	0.000075	-0.000322	-0.000340	-0.001492	-0.001034	0.000841	0.001056	0.000397	0.000259
300	0.000208	-0.000069	0.000332	0.000104	0.000017	0.000085	0.000253	0.000057	0.002414	0.002851	0.013412	0.004719
301	0.000090	-0.000004	0.000081	0.000045	0.000113	0.000128	0.000149	0.000087	-0.000394	-0.000413	-0.001550	-0.001102
302	-0.000004	0.000046	0.000031	0.000047	0.000053	0.000050	0.000024	0.000048	-0.000122	-0.000038	-0.000346	-0.000517
303	-0.000043	-0.000015	-0.000027	-0.000025	0.000013	0.000013	0.000012	0.000033	-0.000379	-0.000291	-0.001591	-0.001095
304	-0.000052	-0.000019	-0.000069	-0.000056	-0.000070	-0.000076	-0.000070	-0.000030	-0.000142	-0.000047	-0.000786	-0.000189
305	0.000048	0.000121	0.000052	0.000092	0.000005	-0.000020	-0.000053	0.000022	0.000301	0.000373	0.000706	0.000985
306	0.008616	0.025909	0.000035	-0.000131	-0.002201	-0.002198	-0.002189	-0.002161	-0.002026	-0.002094	-0.002128	-0.002092

307	0.000477	0.001279	0.000051	0.000138	-0.000168	-0.000117	0.000092	-0.000055	0.000021	0.000012	0.000172	0.000091
308	-0.000598	-0.003487	-0.000457	-0.000421	0.000021	0.000015	0.000009	-0.000028	-0.000025	-0.000029	0.000011	-0.000016
309	-0.001063	-0.001856	-0.000229	-0.000279	0.000073	0.000053	0.000073	0.000073	0.000052	0.000057	0.000056	0.000043
310	0.000440	0.001643	0.000244	0.000198	-0.000001	0.000006	0.000012	0.000012	0.000025	0.000024	-0.000002	0.000011
311	0.001825	0.002945	0.000600	0.000639	-0.000114	-0.000105	-0.000161	-0.000125	-0.000118	-0.000116	-0.000102	-0.000058
312	-0.001118	-0.000647	-0.000227	-0.000291	0.000189	0.000148	-0.000023	0.000124	0.000045	0.000052	-0.000134	-0.000070
313	0.000044	0.000239	0.021941	0.007416	0.003499	0.014171	-0.000387	-0.000640	-0.001834	-0.001849	-0.001770	-0.001770
314	0.000195	0.000143	0.001242	0.000979	-0.001435	-0.000572	-0.000191	-0.000253	0.000198	0.000169	0.000035	0.000148
315	-0.000343	-0.000375	-0.003029	-0.000618	0.001277	0.002002	0.000500	0.000503	-0.000068	-0.000062	-0.000092	-0.000070
316	-0.000248	-0.000209	-0.001539	-0.000982	0.000363	0.001242	0.000215	0.000180	0.000012	0.000013	0.000026	0.000031
317	0.000160	0.000198	0.001440	0.000423	-0.000692	-0.001337	-0.000246	-0.000247	0.000040	0.000036	0.000042	0.000042
318	0.000605	0.000583	0.002650	0.001698	-0.000412	-0.002206	-0.000509	-0.000455	-0.000053	-0.000061	-0.000081	-0.000110
319	-0.000376	-0.000348	-0.000819	-0.001519	0.000927	0.000909	0.000240	0.000282	-0.000129	-0.000093	0.000070	-0.000042
320	0.001753	0.001740	0.001741	0.001815	0.000192	0.000122	-0.020758	-0.006706	-0.004222	-0.015290	0.000384	0.000681
321	-0.000148	-0.000026	-0.000207	-0.000119	0.000450	0.000298	0.000789	0.001465	-0.001056	-0.000892	-0.000297	-0.000311
322	0.000089	0.000121	0.000068	0.000094	-0.000602	-0.000616	-0.002493	-0.001678	0.000501	0.002152	0.000502	0.000438
323	-0.000012	-0.000008	0.000010	0.000002	-0.000137	-0.000170	-0.001301	-0.000414	0.000723	0.001259	0.000201	0.000200
324	-0.000057	-0.000053	-0.000048	-0.000052	0.000242	0.000204	0.001421	0.000954	-0.000362	-0.001164	-0.000204	-0.000153
325	0.000044	0.000008	-0.000005	-0.000039	0.000247	0.000304	0.002598	0.000531	-0.001259	-0.001799	-0.000370	-0.000387
326	0.000085	-0.000044	0.000183	0.000114	-0.000191	-0.000008	-0.000933	-0.000834	0.001413	0.000381	0.000153	0.000199
327	0.002077	0.002070	0.002060	0.002040	0.002062	0.002110	0.002133	0.002137	0.000758	0.000422	-0.017859	-0.005289
328	-0.000043	-0.000135	0.000036	-0.000059	-0.000015	0.000022	0.000130	0.000083	-0.000427	-0.000232	-0.001049	-0.001019
329	0.000097	0.000072	0.000124	0.000104	0.000094	0.000098	0.000071	0.000041	0.000479	0.000577	0.002868	0.000467
330	-0.000021	-0.000036	-0.000034	-0.000040	-0.000045	-0.000043	-0.000021	-0.000037	0.000344	0.000325	0.001591	0.000936
331	-0.000039	-0.000026	-0.000046	-0.000047	-0.000038	-0.000035	-0.000033	-0.000024	-0.000253	-0.000291	-0.001464	-0.000478
332	-0.000026	0.000024	0.000021	0.000053	0.000078	0.000070	0.000037	0.000066	-0.000600	-0.000617	-0.002378	-0.001524
333	0.000032	0.000103	-0.000100	-0.000011	-0.000074	-0.000111	-0.000185	-0.000128	0.000445	0.000225	0.000383	0.001583

	109	110	111	112	113	114	115	116	117	118	119	120
1	-0.003990	-0.003084	-0.002154	-0.001713	0.000153	0.000303	-0.001696	-0.001234	-0.012858	-0.038986	-0.040211	-0.012885
2	-0.009106	-0.010165	-0.007803	-0.009813	-0.010142	-0.007682	-0.009762	-0.007981	0.006080	-0.031242	-0.032130	-0.015425
3	0.151700	-0.038913	0.008599	-0.003929	-0.000250	0.006162	-0.035984	0.151277	-0.016960	-0.009860	-0.007393	0.000177
4	-0.038615	0.152226	0.145929	-0.031160	0.008295	-0.002786	-0.002343	0.007599	0.006190	0.004755	0.007533	0.001702
5	-0.003642	0.007914	-0.036571	0.143738	0.139000	-0.029146	0.006461	-0.001202	-0.000146	-0.000150	-0.005551	-0.001291
6	0.004214	0.001427	-0.002330	0.005402	-0.027706	0.140530	0.145192	-0.041804	-0.005823	-0.000431	-0.001111	-0.000909
7	-0.001881	-0.002910	-0.002014	-0.003853	-0.002143	-0.003570	-0.001820	-0.004652	0.038446	-0.015001	-0.020973	0.031847
8	-0.069582	0.026201	0.000109	-0.001922	0.010361	0.012818	-0.194716	0.238645	-0.020786	-0.011833	-0.009414	0.002075
9	0.236785	-0.189162	0.012600	0.009944	-0.001084	-0.000041	0.030702	-0.068768	-0.034253	-0.018805	-0.017152	0.001420
10	-0.200944	0.241644	-0.068085	0.032637	0.000317	-0.000857	0.010933	0.012636	-0.007500	-0.003978	-0.002298	0.002788
11	0.032522	-0.070831	0.231312	-0.192091	0.013593	0.009203	-0.001720	0.000160	-0.002571	-0.000467	0.001294	0.002967
12	0.010571	0.012111	-0.184758	0.227287	-0.069196	0.029170	-0.000248	-0.001941	0.020003	0.009293	-0.001126	-0.000291
13	-0.001208	0.000627	0.029087	-0.067873	0.220748	-0.183636	0.013209	0.009988	0.035546	0.013935	-0.005856	-0.000216
14	-0.000787	-0.001968	0.009157	0.012388	-0.173351	0.220304	-0.070368	0.029312	0.007552	0.004059	0.002576	0.001544
15	0.013202	0.011648	-0.001022	-0.000423	0.026546	-0.066100	0.237374	-0.195104	0.006555	0.005477	0.005462	0.002471
16	0.018185	0.175308	-0.002488	0.002247	0.004355	0.004952	-0.254552	-0.007546	0.013427	0.004047	0.003583	-0.000487
17	0.083582	0.072184	0.009545	0.011322	0.010346	0.009814	0.076759	0.083587	-0.027920	-0.014074	-0.012472	-0.000981
18	-0.014371	-0.246109	0.004556	0.004308	0.001442	-0.002251	0.183008	0.012055	0.005907	-0.000094	-0.000218	-0.001929
19	-0.259302	-0.004400	0.012959	0.184489	-0.002782	0.001947	0.004151	0.005104	-0.001325	-0.003492	-0.004144	-0.002229
20	0.077099	0.082578	0.082527	0.076417	0.009748	0.010975	0.011394	0.010012	-0.003871	0.000222	0.001699	0.002217

21	0.188327	0.009401	-0.011357	-0.254963	0.004281	0.004527	0.001064	-0.002224	0.000392	-0.002690	-0.003142	-0.002132
22	0.004332	0.004347	-0.248260	-0.018271	0.017590	0.180120	-0.002259	0.001846	-0.012444	-0.007230	-0.003259	-0.001537
23	0.012213	0.010276	0.075421	0.086010	0.084517	0.077077	0.010067	0.010950	0.019624	0.006692	-0.000097	-0.000660
24	0.001772	-0.002331	0.176034	0.021893	-0.017200	-0.248001	0.004768	0.004550	-0.006461	-0.006962	-0.004151	-0.002017
25	-0.002680	0.001531	0.004132	0.004753	-0.242408	-0.021966	0.014952	0.180479	-0.003366	-0.005307	-0.005614	-0.002174
26	0.010962	0.010744	0.010875	0.010913	0.074911	0.085152	0.083498	0.074817	0.008419	0.007044	0.007835	0.002029
27	0.005062	0.004683	0.001612	-0.002017	0.172774	0.023347	-0.011405	-0.252211	-0.002597	-0.004748	-0.005204	-0.001803
28	0.279325	-0.391450	0.016142	0.028812	0.019159	0.024476	0.049777	0.044916	-0.015911	-0.010573	-0.010284	-0.002515
29	-0.406007	0.289867	0.044386	0.051577	0.024556	0.020950	0.028228	0.016842	-0.015724	-0.010268	-0.008882	-0.000859
30	0.051904	0.044249	0.279801	-0.396351	0.015719	0.026689	0.021090	0.024826	-0.000986	-0.000317	-0.001191	-0.000209
31	0.028112	0.015293	-0.390630	0.272903	0.043134	0.051873	0.024339	0.019874	-0.008442	-0.006925	-0.005487	-0.002001
32	0.021554	0.024813	0.050927	0.045972	0.270106	-0.389895	0.018363	0.026893	0.008670	-0.000816	-0.005749	-0.001790
33	0.025233	0.019376	0.026290	0.019086	-0.381833	0.267188	0.044511	0.049709	0.010210	0.001171	-0.002537	-0.000423
34	0.019072	0.025902	0.019757	0.025937	0.050069	0.044920	0.282028	-0.397168	0.003459	-0.000553	-0.000016	0.000614
35	0.045943	0.046949	0.024250	0.020497	0.025769	0.016781	-0.400187	0.286249	0.003911	-0.001355	-0.001646	0.000023
36	-0.004575	-0.004141	-0.001140	-0.000502	-0.001515	-0.000830	0.035165	-0.031932	0.000415	-0.000089	-0.000007	-0.000256
37	-0.031019	0.032834	-0.000982	-0.001296	-0.000723	-0.000865	-0.004432	-0.004473	-0.000254	-0.000348	-0.000238	-0.000361
38	0.037471	-0.033855	-0.004691	-0.004175	-0.001170	-0.000494	-0.001723	-0.000807	-0.000253	-0.000247	-0.000128	-0.000228
39	-0.004614	-0.004671	-0.033037	0.035524	-0.001136	-0.001168	-0.000961	-0.000743	0.000141	-0.000109	0.000026	-0.000216
40	-0.000952	-0.001236	0.032477	-0.029576	-0.004510	-0.004758	-0.000764	-0.000879	-0.000092	-0.000373	0.000128	-0.000217
41	-0.000881	-0.000760	-0.004607	-0.004478	-0.032573	0.035086	-0.001101	-0.001127	-0.000041	-0.000505	0.000080	-0.000250
42	-0.000774	-0.000767	-0.000959	-0.001097	0.031615	-0.028936	-0.004311	-0.004631	0.000206	-0.000134	0.000041	-0.000205
43	-0.001123	-0.001234	-0.000848	-0.000789	-0.004471	-0.004545	-0.033070	0.035313	0.000043	-0.000178	-0.000043	-0.000171
44	0.137720	0.142801	0.003758	0.003160	0.002738	0.002459	0.003563	0.003263	-0.002244	-0.001354	-0.001063	-0.000527
45	0.003117	0.003693	0.141362	0.140067	0.003451	0.003024	0.002516	0.002604	-0.000299	-0.000560	0.000104	-0.000320
46	0.002443	0.002687	0.003267	0.003334	0.140587	0.139364	0.003435	0.003440	0.002568	-0.000752	0.000116	-0.000653
47	0.003917	0.003046	0.002783	0.002502	0.003479	0.003317	0.139822	0.142595	0.001402	0.000415	0.000631	0.000107
48	-0.000658	-0.000534	-0.000278	-0.001011	-0.001322	0.000780	0.000336	-0.000390	-0.093662	-0.197870	-0.431855	0.064934
49	0.000342	-0.000004	-0.000469	-0.000020	-0.000015	-0.000549	-0.000423	-0.000858	0.070292	0.865386	0.995735	-0.270766
50	0.001988	0.000391	0.001001	0.000286	0.000821	0.000376	-0.000479	0.000333	0.222176	1.446370	1.376730	-0.128318
51	-0.000197	0.000034	-0.000574	-0.000596	-0.000387	-0.000350	-0.000753	-0.000854	0.056243	-0.740405	-0.747449	-0.233521
52	-0.001673	-0.000104	-0.000711	-0.000063	-0.000284	0.000029	0.000444	-0.000305	-0.273114	-1.186410	-1.131660	0.891020
53	0.000114	-0.000281	-0.000055	-0.000357	-0.000849	0.000088	0.000121	-0.000305	-0.034510	0.093791	0.089574	0.056173
54	-0.000083	-0.000046	-0.000138	0.000008	0.000018	-0.000082	-0.000019	-0.000123	0.001569	-0.039094	-0.035725	-0.089312
55	0.000097	0.000366	-0.000093	0.000228	0.000037	0.000048	0.000264	-0.000054	0.004553	-0.032236	-0.026267	0.043988
56	-0.000160	0.000064	-0.000063	-0.000214	0.000010	-0.000241	-0.000670	-0.000329	0.041601	0.040590	0.034026	0.032948
57	-0.000088	0.000058	-0.000057	-0.000016	-0.000013	-0.000006	-0.000067	-0.000037	0.002811	-0.001288	0.002166	0.006975
58	0.000034	-0.000106	0.000039	-0.000131	-0.000083	-0.000004	-0.000062	-0.000155	-0.002119	0.003085	0.002663	0.004486
59	-0.000132	0.000009	-0.000147	0.000015	-0.000175	0.000103	-0.000119	0.000034	-0.002843	0.002491	0.002153	0.004849
60	0.002545	0.002481	0.002497	0.003051	0.000330	0.000394	0.003203	0.002460	0.022757	0.003198	0.003323	-0.001209
61	-0.004168	-0.008203	0.003815	-0.003827	-0.002307	0.000402	-0.002063	-0.002746	0.068634	0.066515	0.062935	0.006196
62	-0.006098	-0.003962	-0.002869	0.002058	-0.001340	-0.003979	0.003442	0.002453	-0.020439	-0.019983	-0.009994	0.001694
63	-0.002829	-0.001833	0.001186	-0.001969	-0.010328	-0.005825	0.001108	-0.003286	-0.048591	-0.026308	-0.013763	0.000366
64	0.001561	0.000459	-0.000900	-0.000163	-0.006658	-0.010814	-0.000295	0.002739	0.032604	0.043629	0.038779	0.005325
65	0.004659	0.002820	-0.000924	0.001768	0.005607	0.005622	0.000958	0.002197	-0.146230	-0.050800	-0.056351	-0.024257
66	-0.000380	0.002992	-0.000251	0.001235	0.004859	0.007849	0.000260	-0.001751	-0.045203	-0.051063	-0.041584	-0.011281
67	0.004842	0.007733	-0.003464	0.006559	0.004801	-0.000897	-0.000657	0.001443	0.126732	0.010604	0.007273	0.017720
68	0.005651	0.002623	0.001916	-0.003775	0.002635	0.004830	-0.001155	-0.002866	0.032281	0.027322	0.012688	0.004140
69	-0.041401	-0.035143	0.023079	-0.017115	0.028837	0.031857	-0.016657	0.024603	-0.011929	-0.006621	-0.007383	-0.001623
70	-0.015445	0.024196	-0.037438	-0.039864	0.023232	-0.014706	0.031746	0.030092	-0.008556	-0.003877	-0.003894	-0.000789

71	0.034253	0.029450	-0.015199	0.024682	-0.035451	-0.037948	0.023983	-0.015884	0.007480	0.000682	0.000566	0.000707
72	0.023932	-0.017021	0.029295	0.032814	-0.014978	0.022371	-0.039113	-0.038883	0.010152	0.004023	0.003632	0.000476
73	-0.079397	0.133270	-0.019180	-0.016511	-0.025898	-0.011660	-0.214041	-0.081372	0.004276	0.002266	0.002568	0.001206
74	0.087299	0.033788	0.007731	0.010855	0.011381	0.010471	-0.124406	0.049406	-0.011004	-0.005061	-0.004545	0.001119
75	0.046141	-0.119524	0.010063	0.011944	0.010155	0.007991	0.034376	0.087208	-0.009853	-0.004212	-0.003686	0.001269
76	-0.083507	-0.208780	-0.010436	-0.029712	-0.015535	-0.019538	0.139032	-0.085055	0.004605	-0.000674	-0.000528	0.000193
77	-0.217700	-0.081162	-0.081830	0.139449	-0.018729	-0.016684	-0.028021	-0.011303	0.001827	-0.001114	-0.001564	-0.000517
78	-0.127269	0.052009	0.086411	0.034696	0.007703	0.010650	0.012301	0.010427	-0.002520	0.000169	0.000427	0.001571
79	0.034778	0.088080	0.047886	-0.124068	0.010043	0.011808	0.010892	0.007846	-0.004229	-0.000793	-0.000218	0.001468
80	0.143923	-0.088184	-0.084937	-0.211303	-0.009726	-0.028244	-0.017160	-0.019784	0.005317	0.000036	0.000960	-0.000251
81	-0.029633	-0.010375	-0.209017	-0.089407	-0.080118	0.134311	-0.020101	-0.015524	0.003493	0.000898	0.000521	0.000179
82	0.012457	0.010020	-0.118433	0.043468	0.087446	0.035927	0.008100	0.010111	0.008807	0.005405	-0.000646	0.000573
83	0.011546	0.007633	0.035984	0.087340	0.045812	-0.120387	0.010563	0.011354	0.008864	0.005399	0.000137	0.000730
84	-0.017322	-0.019520	0.131179	-0.075748	-0.091996	-0.208324	-0.011516	-0.026934	-0.000873	-0.001773	-0.005130	-0.001011
85	-0.021158	-0.015733	-0.027410	-0.013303	-0.199601	-0.091606	-0.081793	0.137333	-0.001772	-0.003212	-0.004262	-0.001856
86	0.008557	0.009972	0.011309	0.010750	-0.116176	0.041379	0.087038	0.033523	0.003505	0.003705	0.003683	0.001704
87	0.011034	0.011207	0.010150	0.008281	0.035995	0.086304	0.047470	-0.123540	0.005581	0.004452	0.003834	0.001506
88	-0.013167	-0.025170	-0.015416	-0.020888	0.127664	-0.073817	-0.082663	-0.212317	-0.008349	-0.006194	-0.006094	-0.000781
89	-0.516558	-0.508018	0.002122	0.010322	0.001001	0.002143	0.008485	0.003152	-0.003268	-0.002281	-0.002214	-0.000628
90	0.009715	0.002932	-0.510226	-0.517744	0.002273	0.010744	0.001082	0.001670	-0.001972	-0.001122	-0.001680	-0.000511
91	0.001736	0.001365	0.009047	0.003780	-0.511225	-0.518019	0.003298	0.009053	0.000322	-0.000570	-0.001280	-0.000180
92	0.003334	0.008450	0.000772	0.001954	0.008613	0.003944	-0.515710	-0.512641	0.002797	0.000097	0.000001	-0.000108
93	-0.040747	-0.014536	-0.004774	-0.006015	-0.006340	-0.005683	0.046072	-0.011169	0.006159	0.002669	0.002425	-0.000637
94	-0.046564	-0.019233	-0.002958	-0.004834	-0.005037	-0.004789	0.078322	-0.038246	0.004829	0.002384	0.002112	-0.000484
95	-0.035891	0.075393	-0.004603	-0.005358	-0.004446	-0.003122	-0.019595	-0.046506	0.004343	0.001983	0.001710	-0.000545
96	-0.010153	0.044341	-0.005512	-0.006597	-0.005664	-0.004885	-0.014769	-0.040729	0.005400	0.002173	0.001924	-0.000744
97	0.046923	-0.011789	-0.040230	-0.014879	-0.004825	-0.005808	-0.006851	-0.005633	0.001065	-0.000359	-0.000503	-0.000957
98	0.080400	-0.040199	-0.046215	-0.019822	-0.002877	-0.004833	-0.005459	-0.004800	0.001434	0.000151	0.000030	-0.000618
99	-0.019751	-0.047084	-0.037608	0.079095	-0.004588	-0.005310	-0.004886	-0.003024	0.001962	0.000596	0.000302	-0.000593
100	-0.014986	-0.041027	-0.010213	0.045022	-0.005468	-0.006520	-0.006019	-0.004832	0.002363	0.000310	0.000055	-0.000867
101	-0.006671	-0.005688	0.044737	-0.009621	-0.040704	-0.015948	-0.004828	-0.005852	-0.004881	-0.003072	0.000110	-0.000398
102	-0.005786	-0.004344	0.073858	-0.033719	-0.046725	-0.019820	-0.003314	-0.004246	-0.003998	-0.002338	0.000516	-0.000164
103	-0.005287	-0.002831	-0.020393	-0.046590	-0.035785	0.076083	-0.004918	-0.004931	-0.003982	-0.002268	0.000011	-0.000245
104	-0.006258	-0.004803	-0.015592	-0.040779	-0.010062	0.044255	-0.005637	-0.006413	-0.004881	-0.003126	-0.000146	-0.000480
105	-0.005113	-0.005721	-0.006228	-0.005973	0.044406	-0.009333	-0.040549	-0.014761	-0.001828	-0.002199	-0.002127	-0.001003
106	-0.003450	-0.004253	-0.005084	-0.004780	0.071855	-0.032016	-0.046446	-0.018842	-0.001684	-0.001546	-0.001613	-0.000705
107	-0.005096	-0.005002	-0.004545	-0.003249	-0.020400	-0.045966	-0.037496	0.078399	-0.002693	-0.001873	-0.001539	-0.000597
108	-0.005933	-0.006225	-0.005618	-0.005059	-0.015695	-0.040195	-0.009910	0.045274	-0.002896	-0.002504	-0.002194	-0.000901
109	1.033241	-0.317098	-0.004195	-0.005425	-0.001227	-0.000531	-0.004613	0.001446	0.003294	0.002242	0.001784	0.000505
110	-0.317098	1.025786	0.002068	-0.004929	0.000266	-0.001617	-0.003879	-0.004593	0.000030	0.000056	0.000452	0.000122
111	-0.004195	0.002068	1.014003	-0.303356	-0.003019	-0.006043	-0.000856	0.000085	0.002123	0.001475	0.000893	0.000491
112	-0.005425	-0.004929	-0.303356	1.020272	0.000820	-0.004587	-0.000301	-0.001750	-0.000148	-0.000264	0.000882	0.000038
113	-0.001227	0.000266	-0.003019	0.000820	1.005802	-0.294095	-0.003418	-0.005144	0.000672	0.000128	0.001184	0.000021
114	-0.000531	-0.001617	-0.006043	-0.004587	-0.294095	1.011911	0.000161	-0.003952	-0.001008	0.000392	0.000063	0.000133
115	-0.004613	-0.003879	-0.000856	-0.000301	-0.003418	0.000161	1.030104	-0.315233	-0.002086	-0.000267	-0.000437	0.000050
116	0.001446	-0.004593	0.000085	-0.001750	-0.005144	-0.003952	-0.315233	1.028513	-0.000727	0.000205	0.000499	0.000050
117	0.003294	0.000030	0.002123	-0.000148	0.000672	-0.001008	-0.002086	-0.000727	1.280976	0.250157	0.238359	0.045009
118	0.002242	0.000056	0.001475	-0.000264	0.000128	0.000392	-0.000267	0.000205	0.250157	1.951720	1.440860	0.346048
119	0.001784	0.000452	0.000893	0.000882	0.001184	0.000063	-0.000437	0.000499	0.238359	1.440860	1.838060	0.297569
120	0.000505	0.000122	0.000491	0.000038	0.000021	0.000133	0.000050	0.000050	0.045009	0.346048	0.297569	0.929576

121	-0.000280	-0.000071	-0.000303	-0.000029	-0.000021	-0.000133	-0.000076	-0.000086	-0.018257	-0.196404	-0.176821	-0.445445
122	-0.000224	-0.000050	-0.000186	-0.000013	0.000001	-0.000001	0.000029	0.000033	-0.026920	-0.149717	-0.120832	-0.484134
123	0.000387	-0.000106	0.000542	-0.000027	0.000211	0.000463	-0.000040	0.000423	0.031958	0.323247	0.235693	0.013713
124	-0.000150	-0.000018	-0.000298	0.000040	-0.000084	-0.000238	-0.000027	-0.000166	-0.018514	-0.117634	-0.061104	0.004665
125	-0.000238	0.000122	-0.000248	-0.000009	-0.000128	-0.000224	0.000062	-0.000251	-0.013160	-0.205504	-0.174472	-0.018367
126	0.002170	0.000545	0.001172	0.000369	0.000954	0.000170	-0.000545	0.000833	0.207555	0.742463	0.702375	0.249955
127	0.000921	0.000118	0.001002	0.000250	0.000802	0.000277	-0.000496	0.000192	0.182725	0.791644	0.726443	0.314836
128	0.000046	0.000117	0.000026	0.000050	0.000049	0.000014	0.000019	0.000021	0.006564	0.016936	0.023877	0.012824
129	0.000075	-0.000179	0.000093	-0.000125	0.000034	-0.000151	0.000146	-0.000278	-0.003279	-0.011603	-0.013458	0.002309
130	-0.000130	0.000084	-0.000197	0.000008	-0.000148	0.000109	-0.000185	0.000092	-0.002624	-0.010259	-0.012126	0.002700
131	-0.000025	0.000115	0.000015	0.000014	-0.000003	0.000072	-0.000091	0.000042	0.000428	0.002289	0.001072	-0.006330
132	-0.000041	-0.000069	0.000027	0.000033	0.000069	-0.000053	0.000019	0.000083	-0.001694	0.001234	0.000031	-0.006260
133	0.000075	-0.000065	0.000039	0.000022	0.000001	0.000010	0.000091	0.000044	0.000692	0.001845	0.001090	-0.005455
134	-0.010086	-0.016604	-0.000792	0.003318	0.003436	-0.000881	0.006667	0.007892	-0.021161	-0.004510	-0.003662	0.000898
135	-0.011502	0.000517	-0.000095	0.002428	0.000535	-0.004738	0.018342	-0.018476	0.003180	0.003014	0.002845	0.000700
136	-0.005239	0.007756	-0.000493	0.002320	0.001753	-0.000450	-0.005401	-0.003549	-0.006786	-0.003415	-0.003464	-0.000868
137	0.003049	0.008728	-0.001955	-0.000530	0.001516	-0.000639	0.000094	-0.001846	-0.003860	-0.001975	-0.001860	-0.000719
138	-0.026444	-0.000892	-0.002212	0.001176	0.001255	-0.000251	0.008065	-0.000431	0.016426	0.010501	0.011140	0.002228
139	-0.012282	-0.014984	-0.000385	0.007556	0.000180	0.001656	-0.001841	-0.001672	-0.007898	-0.003368	-0.002469	0.001250
140	-0.021452	0.019461	-0.000619	0.003410	0.001039	0.001359	0.000173	0.000224	0.001519	0.000311	0.000528	0.000630
141	0.006753	0.002418	-0.004267	-0.000701	0.000108	0.001072	-0.001178	-0.000704	-0.002498	-0.004567	-0.005323	-0.000526
142	-0.001903	0.002209	-0.003084	-0.003404	0.000735	0.001213	0.000761	0.000547	-0.005052	-0.005896	-0.007295	-0.000425
143	-0.012472	-0.001859	-0.012900	0.028785	-0.001138	-0.001788	0.001407	-0.000111	-0.003422	-0.003204	-0.004110	0.000170
144	-0.002241	-0.000155	0.009762	-0.013091	-0.025988	-0.013605	0.001885	-0.003405	0.027878	0.013916	0.009717	0.001460
145	-0.002666	-0.000116	0.008737	0.023578	-0.003747	-0.016659	0.003208	-0.000230	-0.000981	0.001206	0.002022	-0.000302
146	0.000170	0.000464	-0.005987	-0.002935	0.000642	-0.003907	0.001234	-0.000218	0.002072	0.000230	0.000516	-0.000296
147	-0.000177	0.000112	0.000147	0.004652	0.005552	0.007284	-0.001254	-0.001562	-0.000093	-0.000752	-0.000230	-0.000795
148	-0.000040	0.001386	0.000999	0.004626	0.019660	-0.008615	0.003095	-0.001267	-0.008997	-0.001162	0.002128	-0.001372
149	-0.003484	-0.000539	-0.000715	0.000151	-0.017527	-0.017156	0.000100	0.014860	0.006545	0.000916	-0.000398	0.001394
150	-0.001042	0.000033	0.000571	0.000431	0.007509	-0.020182	0.007229	-0.002555	0.000794	-0.000833	-0.001356	0.000251
151	-0.000702	-0.000165	-0.000293	-0.000284	0.008745	0.002822	0.003953	-0.008088	-0.000733	-0.003944	-0.005609	-0.000328
152	-0.000150	0.001179	0.000772	0.001530	0.005681	-0.007201	-0.003171	-0.008040	0.000439	-0.004066	-0.005497	-0.000363
153	-0.003570	0.000136	0.000967	0.002442	-0.005194	-0.010941	0.028613	0.000374	0.002914	-0.000794	-0.001956	0.000135
154	-0.014959	0.039164	-0.000266	-0.001715	0.001985	-0.000248	-0.000465	0.000184	0.002837	0.000893	0.001077	-0.000043
155	-0.002515	-0.001973	-0.022203	0.013536	-0.002060	-0.003055	0.002153	-0.000101	-0.000095	-0.002548	-0.002731	-0.000528
156	-0.001353	0.000861	-0.000961	0.000770	0.034615	-0.007932	0.002492	-0.002802	-0.000871	-0.003101	-0.002000	-0.001596
157	-0.005505	0.000911	-0.000005	0.003250	-0.001543	-0.005011	0.019336	-0.030004	0.000562	-0.001167	-0.002111	0.000247
158	-0.000119	0.000365	-0.000388	0.000239	-0.000071	0.000120	-0.000036	0.000022	-0.017246	-0.011629	-0.009837	-0.001466
159	-0.000191	-0.000193	-0.000589	0.000929	-0.000238	0.000353	-0.000782	0.000809	0.047091	0.020959	0.024055	0.001892
160	-0.000074	-0.000282	-0.000488	0.000554	-0.000099	0.000189	-0.000704	0.000654	0.037905	0.013573	0.014980	0.001360
161	-0.000052	-0.000010	-0.000111	-0.000027	-0.000364	0.000123	-0.000098	0.000309	-0.006485	-0.000628	-0.002043	0.000545
162	0.000354	-0.000361	0.001102	0.001403	-0.000225	0.000015	-0.001488	-0.001096	0.000843	0.000113	0.000357	0.000068
163	0.001235	-0.000796	0.000396	-0.001159	-0.000296	0.000337	-0.001241	0.000719	0.034570	0.032472	0.026238	0.002127
164	-0.000078	0.000521	-0.000330	0.003389	0.003228	-0.000939	-0.017528	0.003116	-0.010526	-0.005322	-0.005679	-0.001268
165	0.008326	-0.010116	-0.000125	-0.001121	-0.000458	-0.001128	0.012586	-0.009167	-0.001117	-0.000872	-0.000976	-0.000240
166	-0.005597	-0.013801	0.002714	-0.000307	-0.003100	-0.000079	0.014236	-0.006046	0.002668	0.001309	0.001240	0.000590
167	0.025141	-0.004732	0.002374	-0.012142	0.000906	0.002407	-0.001345	-0.001031	-0.003922	-0.007264	-0.008677	-0.000710
168	-0.007855	0.009938	0.008639	-0.009326	0.001141	0.001181	0.001167	0.000934	-0.000167	0.000221	0.000211	0.000151
169	-0.007238	0.006211	-0.003878	0.018244	-0.001146	-0.001336	-0.001072	-0.000272	0.008127	0.009661	0.012065	0.000813
170	-0.000930	-0.002296	-0.011435	0.009559	0.003712	-0.007728	-0.002122	0.000217	-0.001328	0.004171	0.004160	0.001486

171	-0.000170	-0.000757	0.006659	0.011910	-0.001907	0.004391	-0.002059	-0.000277	-0.003183	-0.001044	-0.000977	0.000040
172	0.000876	-0.001087	0.005154	0.003184	0.003106	-0.023653	0.000832	0.002435	-0.002407	-0.000590	-0.000306	0.000885
173	-0.000455	0.000032	0.000094	-0.000418	0.011162	0.005345	-0.002014	-0.006514	-0.000790	-0.006210	-0.009046	-0.000297
174	0.000360	0.000485	0.000146	0.000141	0.007202	-0.007384	-0.008443	0.004895	-0.000379	-0.000232	-0.000011	-0.000020
175	0.000714	-0.001479	-0.001074	-0.002530	0.000292	0.003320	0.006785	0.004976	-0.000618	0.006465	0.009084	0.000387
176	-0.010896	0.050859	-0.002593	-0.007415	-0.001590	0.001996	-0.000794	0.000495	0.005499	0.002007	0.001465	0.001114
177	0.018245	-0.042370	0.002138	-0.006005	0.000118	-0.002046	0.002291	0.000498	-0.006225	-0.003446	-0.004659	-0.000422
178	-0.012118	-0.001245	-0.038670	0.023914	0.000855	-0.000145	0.000383	0.001018	-0.009132	-0.003435	-0.003938	0.000480
179	-0.005905	-0.001779	0.029455	-0.009903	0.001894	0.003612	-0.002172	-0.001950	0.002648	0.003035	0.007177	0.000231
180	0.001929	-0.000750	0.004334	0.005725	0.037314	-0.010840	-0.005932	-0.000589	-0.000458	0.000519	-0.002410	0.000208
181	-0.000318	0.002149	0.004258	0.005358	-0.042171	0.005474	-0.007461	0.005786	0.004249	-0.000297	-0.000132	-0.000450
182	0.006421	0.003889	0.001619	0.001138	0.003222	-0.012149	0.013954	-0.042938	0.003006	0.000359	0.000810	-0.000228
183	0.011607	0.004323	-0.001718	-0.002306	0.001507	-0.003856	-0.033301	0.046509	0.002434	0.002044	0.002445	-0.000796
184	-0.000426	0.000001	-0.000284	0.000425	-0.000222	0.000391	-0.000813	0.000842	0.043959	0.028039	0.024176	0.004320
185	-0.000283	-0.000334	-0.000587	0.001103	-0.000234	0.000287	-0.000712	0.000769	0.066533	0.026800	0.031338	0.003513
186	0.000364	-0.000036	0.000049	-0.000227	0.000403	-0.000179	0.000144	-0.000388	-0.005940	-0.007606	-0.007843	-0.001614
187	-0.000412	0.000731	0.000367	-0.000559	-0.000310	0.000035	0.000614	-0.000362	-0.071322	-0.028817	-0.031116	-0.004231
188	0.000778	-0.000321	0.000480	-0.000763	0.000362	-0.000536	0.000769	-0.000878	-0.028258	-0.004856	-0.004703	-0.000993
189	0.000069	-0.000121	-0.000007	0.000007	-0.000019	0.000005	-0.000014	0.000003	0.001013	-0.000324	-0.000379	-0.000534
190	-0.005377	0.013741	0.000973	0.000437	0.000380	-0.000345	0.000949	0.000449	-0.002036	-0.001185	-0.000974	-0.000441
191	0.010949	0.002413	0.000845	-0.000662	0.000784	-0.000534	0.001310	-0.000178	-0.001853	-0.000768	-0.000575	-0.000482
192	-0.009738	0.005240	-0.000252	0.000387	-0.000182	0.000109	-0.000244	0.000022	0.001061	0.000639	0.000595	0.000170
193	0.013181	-0.016462	-0.000358	0.000208	-0.000512	0.000332	-0.000214	0.000098	-0.000090	-0.000129	-0.000084	-0.000032
194	-0.005913	0.018136	0.000478	0.000067	0.000341	0.000092	0.000656	0.000262	0.000034	0.000039	0.000215	-0.000205
195	0.013450	-0.004917	-0.000186	0.001172	-0.000699	0.000571	-0.000422	0.001094	0.001347	0.000632	0.000694	0.000045
196	0.005712	-0.001080	0.000284	0.000051	0.000138	-0.000053	0.000022	-0.000034	-0.000502	-0.000434	-0.000353	-0.000119
197	0.002608	0.000585	-0.000003	0.000035	-0.000054	0.000116	-0.000046	0.000045	-0.000044	-0.000036	0.000066	-0.000189
198	0.000244	0.000629	-0.000082	-0.000070	-0.000055	0.000026	0.000030	-0.000126	0.000289	0.000154	0.000208	-0.000048
199	0.000977	0.001994	-0.000042	0.000052	-0.000015	0.000075	-0.000048	0.000055	0.000178	0.000089	0.000155	-0.000034
200	0.000811	0.003047	0.000031	-0.000052	-0.000010	0.000132	0.000107	0.000325	-0.000169	-0.000054	-0.000079	0.000080
201	0.000823	0.000827	0.013529	-0.005881	0.000630	0.000499	0.000005	0.000148	-0.000417	-0.000212	-0.000053	-0.000099
202	0.000028	0.000353	-0.003436	0.016311	0.000335	0.000387	0.000043	0.000292	-0.000265	-0.000166	-0.000032	-0.000183
203	-0.000194	0.000142	0.008153	-0.011956	-0.000125	0.000235	-0.000371	0.000372	-0.000511	-0.000139	-0.000316	-0.000007
204	-0.000266	-0.000072	-0.010284	0.006396	-0.000192	0.000401	-0.000294	0.000153	-0.000106	0.000126	-0.000016	0.000084
205	0.001071	-0.000192	0.011460	0.001286	0.000394	-0.000031	0.000501	-0.000265	0.001425	0.000429	0.000846	-0.000149
206	0.000729	0.000106	-0.000278	0.008668	0.000610	0.000172	0.000156	-0.000290	0.000111	-0.000253	-0.000162	-0.000173
207	0.000335	0.000136	0.000392	0.003907	0.000085	-0.000075	0.000046	0.000084	-0.000171	0.000019	-0.000079	0.000077
208	-0.000065	0.000059	0.001270	0.001746	0.000027	0.000021	-0.000029	0.000109	-0.000055	-0.000001	0.000065	-0.000060
209	-0.000050	-0.000068	0.000423	0.000506	-0.000019	-0.000104	-0.000019	-0.000013	0.000004	0.000016	0.000061	-0.000042
210	-0.000046	0.000031	0.002644	0.000529	0.000024	0.000013	-0.000071	0.000124	0.000223	0.000029	0.000218	-0.000125
211	0.000160	-0.000153	0.003255	0.001171	0.000250	0.000130	0.000108	0.000007	-0.000103	0.000134	-0.000120	0.000029
212	0.000218	-0.000240	0.000944	0.000047	-0.001507	0.009116	0.000747	0.000218	-0.000615	-0.000045	0.000148	-0.000001
213	0.000579	-0.000186	0.000799	0.000154	0.011718	0.000678	0.000379	-0.000067	-0.000579	-0.000230	0.000118	-0.000146
214	-0.000211	0.000055	-0.000337	0.000003	-0.010419	0.006950	-0.000275	0.000293	-0.000268	0.000068	-0.000100	0.000039
215	-0.000440	0.000406	-0.000187	0.000188	0.007426	-0.011790	0.000011	0.000138	-0.000283	0.000681	0.000278	0.000299
216	-0.000090	0.000417	0.000141	0.000300	-0.003002	0.016131	0.000447	0.000415	0.000627	0.000412	0.000678	-0.000052
217	-0.000059	0.000068	0.000753	0.000690	0.012868	-0.004969	0.000448	0.000651	0.001711	-0.000269	-0.000408	-0.000357
218	0.000074	0.000075	0.000077	0.000034	0.002799	0.000799	0.000319	0.000065	-0.000080	0.000168	-0.000056	0.000114
219	-0.000075	0.000156	-0.000081	0.000086	0.002575	0.000412	0.000087	-0.000038	-0.000071	0.000061	0.000102	-0.000023
220	-0.000022	-0.000003	-0.000087	-0.000035	0.000355	0.000543	-0.000027	-0.000117	-0.000079	0.000104	0.000104	0.000002

221	-0.000031	0.000104	-0.000048	0.000054	0.001208	0.001917	0.000036	-0.000017	0.000336	0.000061	0.000284	-0.000080
222	0.000064	0.000083	0.000355	0.000179	0.000176	0.004493	0.000095	-0.000120	0.000165	0.000185	-0.000158	-0.000027
223	0.000141	0.000864	-0.000546	0.000363	0.000218	0.000537	0.011667	-0.002173	-0.000519	-0.000456	-0.000226	-0.000151
224	0.000458	0.000266	0.000278	0.000144	0.000577	0.000188	-0.006437	0.019445	0.000195	0.000023	0.000126	-0.000291
225	-0.000293	0.000171	-0.000319	0.000191	-0.000084	-0.000011	0.010342	-0.014419	-0.000431	-0.000067	-0.000168	-0.000028
226	0.000092	-0.000045	0.000084	-0.000189	0.000054	-0.000015	-0.012652	0.008790	-0.000072	-0.000133	-0.000070	-0.000031
227	0.000615	-0.000092	0.000309	0.000091	0.000591	0.000297	0.015426	-0.002801	0.000297	0.000077	0.000362	-0.000245
228	0.000637	0.000948	-0.000041	0.000047	0.000521	0.000475	-0.001539	0.010007	-0.000789	-0.000273	-0.000346	-0.000165
229	-0.000092	0.000176	-0.000122	0.000247	0.000186	0.000267	0.000292	0.003431	-0.000463	-0.000405	-0.000386	0.000016
230	-0.000002	0.000033	-0.000053	0.000103	-0.000069	0.000046	0.001107	0.002078	0.000154	0.000034	0.000161	-0.000182
231	-0.000006	-0.000110	-0.000037	0.000013	-0.000078	-0.000041	0.000314	0.000633	0.000047	0.000059	0.000114	-0.000084
232	0.000067	0.000002	0.000015	0.000065	-0.000054	0.000083	0.002206	0.000838	0.000002	0.000009	0.000055	-0.000066
233	0.000147	0.000255	0.000052	0.000055	0.000014	-0.000042	0.004974	-0.000957	-0.000408	-0.000161	-0.000228	0.000062
234	0.029762	0.000540	0.000251	0.001903	-0.000799	0.001771	-0.000599	0.001172	0.002215	0.001104	0.001459	-0.000181
235	-0.009773	0.038617	0.001739	-0.000181	0.001938	-0.000917	0.002280	0.000595	-0.004713	-0.002864	-0.002335	-0.001174
236	-0.014819	-0.002143	-0.000055	-0.000849	0.000269	-0.000887	0.000061	-0.000765	-0.000017	0.000130	-0.000185	0.000420
237	-0.013245	-0.004331	-0.000290	-0.001013	-0.000057	-0.000637	-0.000043	-0.000577	0.000861	0.000963	0.000650	0.000407
238	0.009255	-0.007965	-0.000218	0.000320	-0.000197	0.000268	-0.000237	0.000053	-0.000499	-0.000465	-0.000376	-0.000169
239	0.005345	-0.007415	-0.000224	0.000220	-0.000263	0.000226	-0.000280	-0.000016	-0.000221	-0.000265	-0.000251	0.000026
240	0.001794	0.004095	0.000186	0.000049	0.000140	0.000119	0.000199	0.000106	-0.000050	0.000024	0.000121	-0.000170
241	0.001678	0.004284	0.000234	0.000037	0.000176	0.000090	0.000214	0.000068	-0.000227	-0.000111	-0.000004	-0.000199
242	-0.006051	0.003540	-0.000051	-0.000248	0.000146	-0.000163	0.000065	-0.000172	0.000442	0.000299	0.000220	0.000190
243	-0.006433	0.007133	0.000024	-0.000160	0.000193	-0.000073	0.000091	-0.000091	0.000436	0.000314	0.000271	0.000139
244	0.001246	-0.018252	-0.000751	-0.000081	-0.000722	0.000024	-0.000901	-0.000312	0.000970	0.000393	0.000241	0.000258
245	0.001431	-0.018290	-0.000844	0.000005	-0.000822	0.000178	-0.000858	-0.000065	0.000795	0.000475	0.000185	0.000450
246	0.001447	0.000423	0.007665	0.021419	0.000223	0.000217	0.000874	-0.000438	0.003329	0.000107	0.001942	-0.000835
247	0.000378	0.001236	0.026822	0.002128	0.001463	0.001060	0.000295	0.001109	-0.001349	-0.000383	-0.000339	-0.000305
248	-0.000407	-0.000148	-0.004650	-0.011282	-0.000273	-0.000510	-0.000302	-0.000176	-0.001161	-0.000181	-0.000886	0.000341
249	-0.000913	-0.000208	-0.005384	-0.011600	-0.000342	-0.000261	-0.000564	0.000014	-0.001143	-0.000305	-0.000772	0.000128
250	-0.000031	-0.000031	-0.005010	0.005499	-0.000133	0.000139	0.000019	0.000061	-0.000038	0.000109	0.000088	0.000081
251	-0.000036	-0.000141	-0.004684	0.001972	-0.000218	0.000076	-0.000087	0.000032	0.000058	0.000151	0.000062	0.000121
252	0.000069	0.000098	0.003157	0.002887	0.000122	0.000123	0.000113	0.000091	0.000364	0.000032	0.000279	-0.000137
253	0.000088	0.000137	0.003049	0.002983	0.000106	0.000118	0.000117	0.000105	0.000429	0.000108	0.000330	-0.000100
254	-0.000243	0.000007	0.002648	-0.004680	-0.000078	0.000022	-0.000124	0.000155	-0.000469	-0.000219	-0.000325	-0.000054
255	-0.000232	0.000133	0.006058	-0.004786	-0.000003	0.000040	-0.000065	0.000216	0.000083	-0.000114	0.000012	-0.000161
256	-0.000081	-0.000728	-0.015134	-0.002057	-0.000515	-0.000516	-0.000232	-0.000506	0.000328	0.000645	0.000067	0.000510
257	-0.000037	-0.000782	-0.014607	-0.002415	-0.000358	-0.000515	-0.000040	-0.000668	-0.000434	0.000048	-0.000457	0.000411
258	-0.000419	0.001404	0.000231	0.000903	0.028185	0.001203	0.001856	0.001255	0.003864	-0.002143	-0.000326	-0.001677
259	0.001641	-0.000587	0.001638	0.000713	0.006960	0.021829	-0.000141	0.000327	-0.001447	-0.000136	0.001043	-0.000074
260	0.000175	-0.000841	0.000002	-0.000742	-0.015670	-0.001502	-0.000411	-0.000641	-0.001216	0.000234	-0.000614	0.000442
261	-0.000217	-0.000573	-0.000308	-0.000558	-0.014676	-0.001856	-0.000658	-0.000656	-0.000908	-0.000021	-0.000528	0.000182
262	-0.000110	0.000275	-0.000153	0.000102	0.005959	-0.005197	0.000085	0.000069	-0.000011	0.000365	0.000281	0.000174
263	-0.000200	0.000213	-0.000222	-0.000006	0.002567	-0.004972	0.000009	0.000044	0.000010	0.000372	0.000146	0.000198
264	0.000124	0.000123	0.000024	0.000183	0.003516	0.002615	0.000080	0.000121	-0.000068	-0.000264	0.000108	-0.000183
265	0.000120	0.000137	0.000028	0.000146	0.003456	0.002581	0.000101	0.000146	-0.000071	-0.000050	0.000220	-0.000093
266	-0.000003	-0.000053	-0.000052	-0.000100	-0.004752	0.002526	-0.000260	0.000004	0.000018	-0.000328	-0.000261	-0.000148
267	0.000070	-0.000016	-0.000063	0.000005	-0.004975	0.006032	-0.000121	0.000027	0.000416	-0.000450	-0.000021	-0.000278
268	-0.000621	-0.000010	-0.000668	-0.000314	-0.006204	-0.011428	-0.000265	-0.000316	-0.000604	0.001990	0.000724	0.001070
269	-0.000562	-0.000075	-0.000461	-0.000329	-0.004425	-0.011780	-0.000279	-0.000385	0.000013	0.000429	-0.000772	0.000387
270	0.001811	-0.000087	0.001279	-0.000011	0.001627	0.001431	-0.002554	0.030857	0.000455	0.000142	0.000844	-0.000534

271	0.000541	0.001535	-0.000080	0.000940	0.000059	0.000264	0.025384	0.006231	0.001471	0.000235	0.000450	-0.000301
272	-0.001162	0.000359	-0.000968	0.000226	-0.000991	-0.000182	0.002614	-0.019107	-0.001084	-0.000276	-0.000732	0.000426
273	-0.000943	0.000166	-0.000765	-0.000004	-0.000882	-0.000440	-0.000629	-0.017092	-0.001160	-0.000142	-0.000527	0.000108
274	0.000104	-0.000357	0.000289	-0.000216	0.000359	-0.000204	-0.007816	0.008753	0.000368	-0.000031	0.000124	-0.000073
275	0.000150	-0.000558	0.000322	-0.000333	0.000359	-0.000233	-0.007989	0.005637	0.000227	-0.000045	0.000009	0.000074
276	0.000481	-0.000191	0.000351	0.000015	0.000242	0.000157	0.000747	0.005238	0.000651	0.000291	0.000419	-0.000132
277	0.000373	-0.000124	0.000285	0.000046	0.000181	0.000198	0.001274	0.004735	0.000600	0.000222	0.000353	-0.000136
278	-0.000516	0.000551	-0.000389	0.000304	-0.000516	0.000031	0.006550	-0.009050	-0.000471	-0.000085	-0.000241	0.000093
279	-0.000415	0.000539	-0.000346	0.000379	-0.000443	0.000107	0.010237	-0.009502	-0.000519	-0.000092	-0.000183	0.000038
280	-0.000358	-0.001023	-0.000084	-0.000658	-0.000023	-0.000573	-0.013405	-0.004055	-0.000030	-0.000071	-0.000141	0.000142
281	-0.000067	-0.000809	0.000104	-0.000687	0.000025	-0.000563	-0.014401	-0.002659	-0.000502	-0.000146	-0.000372	0.000294
282	-0.043968	0.042985	-0.000044	-0.001321	0.000533	-0.000375	0.001830	0.000192	0.000553	0.000165	0.000455	0.000073
283	0.011567	-0.012504	0.000153	-0.000413	0.000247	-0.000249	0.000302	-0.000380	-0.000308	-0.000182	-0.000078	-0.000086
284	0.002822	-0.003395	-0.000100	0.000054	-0.000027	0.000060	0.000023	0.000086	-0.000255	-0.000100	-0.000107	-0.000037
285	0.007144	-0.006996	-0.000007	-0.000136	0.000068	-0.000094	0.000082	-0.000091	-0.000578	-0.000284	-0.000275	-0.000123
286	0.004066	-0.003555	-0.000109	-0.000088	-0.000033	-0.000003	-0.000040	0.000075	-0.000276	-0.000153	-0.000186	-0.000121
287	-0.011306	0.010735	-0.000278	0.000007	-0.000167	0.000132	-0.000303	-0.000028	-0.001510	-0.000834	-0.000815	-0.000380
288	-0.000682	-0.000001	0.033020	-0.033052	0.000976	0.000958	-0.000151	0.000492	0.001100	0.000587	0.000497	0.000137
289	-0.000359	0.000193	-0.013354	0.012715	-0.000201	0.000243	-0.000209	0.000265	0.000681	0.000493	0.000422	0.000091
290	0.000127	-0.000193	-0.003600	0.003139	0.000063	-0.000045	0.000122	-0.000103	-0.000055	-0.000133	-0.000064	-0.000037
291	-0.000166	0.000050	-0.006465	0.006387	-0.000037	0.000096	-0.000099	0.000111	-0.000045	-0.000069	-0.000056	-0.000008
292	-0.000238	-0.000052	-0.002556	0.002832	0.000011	0.000090	-0.000059	0.000007	-0.000084	-0.000054	-0.000058	0.000006
293	0.000011	-0.000317	0.012090	-0.012839	-0.000009	-0.000168	0.000215	-0.000231	0.000189	0.000075	0.000062	-0.000016
294	-0.000002	0.000446	-0.000167	-0.000373	0.030117	-0.030065	0.000822	0.000941	0.000660	0.000349	0.000207	0.000116
295	-0.000134	0.000178	0.000114	0.000209	-0.012075	0.013085	-0.000042	0.000177	0.000258	-0.000021	-0.000107	0.000048
296	-0.000098	0.000024	-0.000291	-0.000027	-0.002356	0.002543	0.000020	0.000121	-0.000283	-0.000012	0.000019	0.000006
297	-0.000088	0.000086	-0.000173	0.000031	-0.006423	0.006326	-0.000055	0.000113	-0.000139	0.000004	0.000006	-0.000002
298	0.000110	-0.000117	0.000114	-0.000196	-0.003292	0.002797	0.000066	-0.000061	-0.000001	-0.000017	0.000029	-0.000023
299	0.000155	-0.000278	0.000191	-0.000124	0.013512	-0.012759	0.000171	-0.000169	-0.000336	-0.000191	-0.000138	-0.000017
300	-0.000215	-0.001307	0.000277	-0.000418	0.000697	0.000895	-0.040743	0.040524	-0.000037	-0.000215	-0.000139	-0.000044
301	0.000304	0.000047	0.000085	-0.000083	0.000032	0.000127	0.012775	-0.012072	-0.000383	-0.000201	-0.000208	-0.000012
302	-0.000084	-0.000141	0.000006	-0.000031	0.000117	0.000000	0.003168	-0.002771	0.000231	0.000123	0.000104	0.000053
303	-0.000011	-0.000039	0.000016	-0.000011	0.000057	-0.000048	0.007703	-0.007740	0.000097	0.000082	0.000080	0.000062
304	-0.000083	0.000120	-0.000065	0.000130	0.000047	0.000039	0.003357	-0.003934	0.000283	0.000177	0.000189	0.000078
305	0.000019	0.000293	-0.000148	0.000209	0.000076	0.000098	-0.012316	0.013056	0.000152	0.000265	0.000211	0.000137
306	0.018227	-0.023749	-0.002154	-0.003560	-0.001501	-0.002465	-0.002094	-0.002855	-0.002371	-0.001223	-0.001085	-0.000932
307	0.020897	-0.020115	-0.000290	-0.000831	0.000177	-0.000272	0.000648	0.000018	-0.001431	-0.000859	-0.000664	-0.000367
308	-0.016114	0.014607	0.000132	-0.000088	0.000149	-0.000052	0.000332	-0.000082	0.000549	0.000349	0.000371	0.000146
309	-0.004303	0.004784	0.000062	0.000067	0.000009	0.000028	0.000037	0.000124	0.000601	0.000305	0.000270	0.000132
310	0.005359	-0.004573	-0.000017	0.000050	-0.000054	0.000005	-0.000067	0.000026	-0.000137	-0.000082	-0.000091	-0.000015
311	0.013086	-0.014015	-0.000149	0.000171	-0.000104	0.000091	-0.000238	0.000021	-0.000418	-0.000178	-0.000168	-0.000059
312	-0.019309	0.019636	0.000263	0.000621	-0.000169	0.000195	-0.000696	-0.000106	0.000837	0.000466	0.000285	0.000165
313	-0.002844	-0.002600	-0.019780	0.015348	-0.002296	-0.001964	-0.001577	-0.001966	0.002265	0.001239	0.001152	0.000237
314	-0.000941	0.000013	-0.021049	0.021286	0.000370	0.000674	-0.000434	0.000496	0.000229	0.000110	0.000109	0.000019
315	0.000206	0.000001	0.012031	-0.012922	0.000030	0.000001	0.000124	-0.000021	0.000294	0.000123	0.000122	0.000014
316	0.000095	0.000002	0.003819	-0.003231	0.000086	-0.000019	0.000050	-0.000055	-0.000056	-0.000018	-0.000021	0.000012
317	-0.000075	0.000083	-0.003215	0.003740	-0.000004	0.000048	-0.000107	0.000080	-0.000228	-0.000138	-0.000124	-0.000010
318	0.000167	-0.000187	-0.013190	0.012081	-0.000045	-0.000184	0.000090	-0.000116	-0.000213	-0.000185	-0.000116	-0.000085
319	0.000546	0.000088	0.021745	-0.021145	-0.000432	-0.000517	0.000275	-0.000380	-0.000038	0.000104	0.000024	0.000050
320	0.001517	0.001874	0.002887	0.002164	0.019512	-0.014450	0.001848	0.002522	0.002914	0.000328	-0.000001	0.000073

321	-0.000230	0.000401	-0.000355	-0.000302	-0.022021	0.021323	0.000314	0.000611	-0.000049	0.000090	-0.000005	0.000023
322	-0.000062	0.000087	-0.000143	0.000187	0.012541	-0.011437	0.000017	0.000208	0.000026	0.000036	0.000020	0.000039
323	0.000105	-0.000085	0.000141	-0.000109	0.003096	-0.003589	0.000041	-0.000127	0.000169	0.000050	0.000074	-0.000006
324	-0.000046	0.000075	-0.000107	0.000012	-0.003765	0.003094	-0.000065	0.000008	0.000003	0.000044	0.000035	-0.000011
325	-0.000188	0.000076	-0.000336	0.000062	-0.011427	0.012212	-0.000066	0.000138	-0.000485	-0.000108	-0.000104	-0.000011
326	0.000423	-0.000558	0.000800	0.000154	0.021378	-0.021345	-0.000248	-0.000841	0.000325	-0.000117	-0.000024	-0.000036
327	0.002831	0.003481	0.001674	0.002347	0.002564	0.002086	-0.010033	0.014629	-0.001152	-0.000176	-0.000236	0.000291
328	-0.000366	-0.000252	-0.000062	0.000034	0.000072	0.000589	0.022783	-0.023454	0.000264	0.000212	0.000229	0.000075
329	0.000133	-0.000293	0.000126	-0.000194	0.000150	0.000023	-0.013746	0.014975	-0.000119	-0.000183	-0.000175	-0.000008
330	0.000016	-0.000134	0.000072	-0.000046	0.000111	-0.000079	-0.005740	0.005085	0.000047	-0.000010	-0.000001	-0.000039
331	-0.000111	0.000069	-0.000068	0.000057	-0.000120	-0.000038	0.004986	-0.005580	-0.000039	0.000009	0.000024	-0.000023
332	-0.000126	0.000074	-0.000053	0.000006	-0.000149	0.000063	0.014922	-0.013788	0.000210	0.000118	0.000079	0.000045
333	0.000452	0.000542	-0.000017	0.000145	-0.000069	-0.000562	-0.022951	0.022553	-0.000363	-0.000145	-0.000159	-0.000049

	121	122	123	124	125	126	127	128	129	130	131	132
1	0.008374	0.004500	-0.015052	0.004982	0.010088	-0.042184	-0.037995	-0.000836	0.001673	0.001157	-0.000529	-0.000572
2	0.010428	0.004999	-0.015662	0.005828	0.009828	-0.032135	-0.029912	-0.001814	0.002550	0.002501	-0.000978	-0.001080
3	0.000162	-0.000331	-0.000834	0.000227	0.000588	-0.014150	-0.000907	0.000437	-0.000108	-0.000159	-0.000026	-0.000095
4	-0.000844	-0.000866	0.000086	-0.000050	-0.000019	0.006151	0.005149	0.000232	-0.000277	0.000133	-0.000232	0.000166
5	0.000665	0.000614	-0.000768	0.000134	0.000652	-0.000281	-0.003019	-0.000410	-0.000075	0.000172	0.000020	0.000139
6	0.000421	0.000495	-0.000207	-0.000003	0.000197	0.000084	-0.002334	-0.000175	0.000464	-0.000333	0.000202	-0.000177
7	-0.021965	-0.009871	0.038083	-0.011985	-0.026110	-0.014643	-0.011199	0.001817	-0.003639	-0.003700	0.001708	0.002122
8	-0.000908	-0.001143	-0.004063	0.001586	0.002419	-0.016016	-0.005319	0.000707	-0.000436	-0.000331	0.000104	-0.000146
9	-0.000401	-0.001011	-0.004891	0.001922	0.002950	-0.028979	-0.006356	0.000765	-0.000255	-0.000416	-0.000165	-0.000154
10	-0.001509	-0.001299	0.000172	-0.000022	-0.000106	-0.002228	-0.001499	0.000337	-0.000501	-0.000012	-0.000019	0.000234
11	-0.001644	-0.001344	0.001276	-0.000619	-0.000614	0.001435	0.000418	0.000170	-0.000203	-0.000372	-0.000053	0.000358
12	-0.000003	0.000265	0.005542	-0.002609	-0.002896	0.004163	0.001575	-0.000147	-0.000320	-0.000640	0.000288	0.000343
13	0.000119	0.000085	0.005568	-0.002877	-0.002675	0.003474	0.000804	-0.000302	-0.000085	-0.000636	0.000212	0.000311
14	-0.000951	-0.000567	0.004289	-0.001815	-0.002510	0.002854	0.001482	0.000038	-0.000757	-0.000035	0.000341	0.000163
15	-0.001476	-0.000969	0.004160	-0.001738	-0.002463	0.005308	0.002628	0.000197	-0.000457	-0.000465	0.000211	0.000206
16	0.000431	0.000055	0.000389	-0.000042	-0.000345	0.005696	0.002521	-0.000230	0.000312	0.000176	0.000170	-0.000188
17	0.000571	0.000442	-0.004837	0.001000	0.003767	-0.016788	-0.009734	0.000786	0.000076	-0.000102	0.000180	-0.000906
18	0.001241	0.000674	-0.001293	0.000377	0.000948	-0.000809	-0.001607	-0.000076	0.000107	0.000242	-0.000461	0.000194
19	0.001336	0.000897	-0.001900	0.000518	0.001373	-0.003822	-0.003099	-0.000115	0.000265	0.000230	-0.000184	-0.000049
20	-0.001320	-0.000917	0.001093	-0.000381	-0.000668	0.002848	0.002034	0.000085	-0.000232	0.000142	-0.000254	0.000534
21	0.001329	0.000811	-0.001512	0.000656	0.000837	-0.003694	-0.002728	-0.000149	0.000164	0.000292	0.000058	-0.000289
22	0.000967	0.000571	-0.003017	0.001151	0.001866	-0.004982	-0.004169	-0.000059	0.000252	0.000360	-0.000138	-0.000159
23	0.000412	0.000225	0.003232	-0.001291	-0.001910	0.003895	0.002033	-0.000286	-0.000164	-0.000408	0.000164	0.000208
24	0.001286	0.000743	-0.003416	0.001366	0.002034	-0.004425	-0.003709	-0.000088	0.000229	0.000308	-0.000121	-0.000143
25	0.001376	0.000792	-0.002893	0.000996	0.001905	-0.005762	-0.004745	-0.000085	0.000346	0.000218	-0.000262	-0.000126
26	-0.001169	-0.000843	0.003474	-0.001169	-0.002327	0.006934	0.004788	0.000033	-0.000343	-0.000247	0.000188	0.000174
27	0.001115	0.000683	-0.003006	0.001145	0.001867	-0.005122	-0.004147	-0.000117	0.000486	0.000266	-0.000107	-0.000211
28	0.001620	0.000885	-0.003711	0.001036	0.002696	-0.015663	-0.007017	0.000404	0.000145	-0.000070	-0.000430	-0.000100
29	0.000551	0.000286	-0.001635	0.000699	0.000983	-0.010108	-0.004585	0.000077	-0.000163	0.000283	-0.000340	0.000394
30	0.000153	0.000054	0.000619	-0.000359	-0.000254	-0.000502	-0.000879	-0.000150	0.000046	0.000151	0.000007	0.000074
31	0.001239	0.000754	-0.001518	0.000593	0.000935	-0.005752	-0.004795	-0.000278	-0.000032	0.000207	0.000033	-0.000004
32	0.001099	0.000698	-0.001706	0.000520	0.001178	-0.001884	-0.002586	-0.000254	0.000136	-0.000008	-0.000078	0.000069
33	0.000342	0.000096	-0.000106	-0.000096	0.000181	-0.001487	-0.002313	-0.000113	0.000145	-0.000018	-0.000007	-0.000078
34	-0.000127	-0.000486	-0.000827	0.000494	0.000330	-0.000690	-0.000468	-0.000144	0.000442	-0.000101	-0.000102	0.000034

35	0.000170	-0.000184	-0.001251	0.000266	0.000961	-0.001309	-0.001836	0.000141	0.000062	0.000186	0.000274	-0.000410
36	0.000135	0.000122	-0.000242	0.000017	0.000222	0.000359	-0.000265	-0.000031	0.000099	0.000093	0.000056	-0.000144
37	0.000195	0.000167	-0.000308	-0.000029	0.000336	0.000123	-0.000531	-0.000016	0.000077	0.000090	-0.000053	-0.000069
38	0.000132	0.000096	-0.000208	0.000046	0.000164	0.000024	-0.000117	-0.000024	0.000039	0.000078	-0.000072	0.000039
39	0.000134	0.000080	-0.000154	0.000093	0.000064	0.000062	-0.000068	-0.000059	0.000049	0.000073	-0.000033	0.000017
40	0.000170	0.000046	-0.000243	0.000144	0.000100	-0.000093	-0.000155	-0.000052	0.000038	0.000026	-0.000005	-0.000012
41	0.000182	0.000067	-0.000293	0.000150	0.000144	-0.000085	-0.000169	-0.000018	0.000030	0.000017	-0.000015	-0.000019
42	0.000144	0.000061	-0.000228	0.000119	0.000110	-0.000040	-0.000145	-0.000016	0.000042	0.000023	-0.000014	-0.000015
43	0.000102	0.000070	-0.000230	0.000094	0.000135	-0.000057	-0.000170	-0.000021	0.000065	0.000055	-0.000006	-0.000037
44	0.000309	0.000207	-0.000949	0.000164	0.000807	-0.000982	-0.001841	0.000172	-0.000044	0.000084	-0.000249	0.000123
45	0.000212	0.000103	-0.000060	-0.000053	0.000120	-0.000286	-0.000489	-0.000057	-0.000026	0.000039	0.000013	0.000033
46	0.000414	0.000246	-0.000293	0.000166	0.000116	0.000194	-0.000134	-0.000061	0.000016	-0.000008	0.000008	-0.000010
47	-0.000049	-0.000054	-0.000263	0.000202	0.000051	0.000650	0.000414	-0.000050	0.000186	-0.000039	0.000079	-0.000070
48	-0.023981	-0.040899	0.728523	-0.366197	-0.362351	-0.825199	-0.849706	0.000782	-0.012741	-0.015060	0.011978	0.011918
49	0.176797	0.093936	-0.215694	0.082119	0.133609	-0.771523	-0.778265	0.001280	0.014836	0.016256	-0.011486	-0.011884
50	-0.079995	0.208246	-0.168912	0.187060	-0.018072	1.453420	1.526090	0.033753	-0.027704	-0.027530	0.009203	0.007781
51	0.145151	0.088358	-0.259938	0.053308	0.206640	0.866738	0.614956	-0.006137	-0.012676	-0.015309	0.016190	0.016620
52	-0.442893	-0.448023	0.097542	-0.049616	-0.048058	-0.453084	-0.232392	-0.018782	0.027702	0.029126	-0.016029	-0.015065
53	-0.025660	-0.030502	0.026379	-0.011648	-0.014748	0.015817	0.022251	0.001858	-0.000196	-0.000278	-0.000454	-0.000481
54	0.034452	0.054860	0.026019	-0.014738	-0.011279	-0.009726	-0.013352	0.000250	0.003392	0.003153	-0.002949	-0.002726
55	-0.011075	-0.032914	-0.205719	0.088030	0.117683	-0.081611	-0.050906	0.176566	0.202689	0.204670	-0.194571	-0.195553
56	-0.017792	-0.015170	0.055667	-0.025136	-0.030507	0.114211	0.112997	0.009309	-0.000392	-0.000285	-0.003532	-0.003197
57	-0.002008	-0.004967	0.004326	0.026633	-0.030960	0.005241	-0.005433	0.057074	-0.055633	-0.056026	0.067385	0.066666
58	-0.004808	0.000325	-0.003376	-0.012446	0.015812	-0.009492	-0.007761	-0.049586	0.027116	-0.051991	0.072885	-0.075749
59	-0.004766	-0.000084	-0.003497	-0.010944	0.014453	-0.009720	-0.008185	-0.049209	-0.051384	0.024878	-0.075813	0.073309
60	0.001092	0.000127	0.002195	-0.000699	-0.001514	0.003305	0.003715	0.000163	-0.000474	0.000286	-0.000005	0.000017
61	-0.002726	-0.003459	0.005000	-0.004095	-0.000898	0.067872	0.044473	0.000793	0.002798	-0.003345	-0.001908	0.000352
62	-0.001315	-0.000387	0.006499	-0.000952	-0.005564	-0.013089	-0.001120	0.000230	-0.004006	0.002312	0.002174	-0.000206
63	-0.000687	0.000296	0.000153	0.000673	-0.000828	-0.017303	-0.006497	0.000124	-0.003279	0.002199	0.002254	-0.000671
64	-0.002759	-0.002559	0.000672	-0.002090	0.001444	0.042400	0.024694	0.000337	0.002915	-0.002826	-0.001889	0.000462
65	0.013194	0.011201	0.006037	-0.000183	-0.006050	-0.047071	-0.035971	-0.002562	0.004621	-0.001953	-0.002179	0.001640
66	0.006502	0.004736	0.001746	0.001291	-0.002989	-0.046952	-0.030112	-0.000712	-0.003980	0.004151	0.000983	0.000692
67	-0.009788	-0.008057	-0.011155	0.003611	0.007736	-0.003480	-0.001979	0.001647	-0.004173	0.003123	0.001840	-0.001320
68	-0.002360	-0.001736	-0.008841	0.001738	0.007044	0.017586	0.006531	0.000128	0.005111	-0.003663	-0.001290	-0.000930
69	0.000774	0.000849	-0.000611	0.000138	0.000473	-0.006978	-0.005277	-0.000016	0.000108	-0.000009	0.000007	-0.000003
70	0.000399	0.000394	-0.000036	0.000106	-0.000076	-0.003501	-0.001839	-0.000173	-0.000042	0.000169	0.000022	0.000076
71	-0.000340	-0.000368	-0.000177	0.000344	-0.000165	-0.000580	0.000218	0.000000	0.000053	-0.000103	-0.000079	0.000075
72	-0.000155	-0.000323	-0.000296	0.000001	0.000297	0.003800	0.001307	0.000054	0.000024	0.000094	-0.000008	-0.000142
73	-0.000592	-0.000614	0.001154	0.000048	-0.001201	0.002496	0.002979	-0.000180	-0.000017	-0.000085	-0.000077	0.000358
74	-0.000552	-0.000561	-0.000964	0.000450	0.000499	-0.007927	-0.001136	0.000267	-0.000208	-0.000232	0.000093	-0.000022
75	-0.000656	-0.000607	-0.000811	0.000371	0.000424	-0.006693	-0.000987	0.000232	-0.000230	-0.000234	0.000023	0.000046
76	0.000078	-0.000293	-0.000679	0.000631	0.000096	-0.002857	0.000715	-0.000069	-0.000157	0.000118	-0.000287	0.000394
77	0.000426	0.000095	-0.002467	0.000682	0.001779	-0.001749	-0.002842	0.000091	0.000159	0.000063	-0.000136	-0.000265
78	-0.000955	-0.000622	0.001269	-0.000472	-0.000782	0.000948	0.000992	0.000073	-0.000204	-0.000205	0.000074	0.000197
79	-0.000862	-0.000611	0.000757	-0.000246	-0.000498	-0.000299	0.000440	0.000142	-0.000225	-0.000161	0.000086	0.000104
80	0.000283	-0.000033	0.000250	-0.000024	-0.000230	-0.000711	-0.000852	0.000033	0.000017	-0.000175	0.000174	-0.000233
81	-0.000083	-0.000105	-0.000001	-0.000267	0.000283	0.000337	-0.000746	0.000095	0.000230	-0.000100	-0.000072	0.000002
82	-0.000443	-0.000137	0.002709	-0.001240	-0.001461	0.002017	0.001330	-0.000039	-0.000155	-0.000287	0.000117	0.000147
83	-0.000518	-0.000220	0.002805	-0.001235	-0.001560	0.002450	0.001801	-0.000027	-0.000169	-0.000341	0.000124	0.000177
84	0.000610	0.000421	-0.000396	0.000072	0.000295	-0.003632	-0.002895	-0.000091	-0.000011	0.000286	0.000024	-0.000062

85	0.001101	0.000754	-0.000633	0.000045	0.000593	-0.003293	-0.002763	-0.000081	0.000085	0.000156	-0.000123	-0.000041
86	-0.001017	-0.000679	0.002322	-0.000932	-0.001400	0.003126	0.002516	0.000120	-0.000366	-0.000199	0.000087	0.000161
87	-0.000907	-0.000591	0.002386	-0.000920	-0.001475	0.003645	0.002818	0.000073	-0.000334	-0.000185	0.000119	0.000159
88	0.000364	0.000425	-0.001362	0.000355	0.000988	-0.004570	-0.004808	0.000009	0.000067	0.000147	0.000180	-0.000218
89	0.000354	0.000272	-0.000300	0.000178	0.000126	-0.002714	-0.001048	-0.000163	0.000106	0.000049	-0.000098	0.000117
90	0.000320	0.000193	-0.000502	0.000254	0.000247	-0.001439	-0.001154	-0.000073	0.000033	0.000186	-0.000024	-0.000066
91	0.000169	0.000011	-0.000692	0.000329	0.000362	-0.001155	-0.001113	-0.000064	0.000117	0.000036	-0.000067	-0.000017
92	0.000164	-0.000056	-0.000395	0.000191	0.000205	-0.000215	0.000305	-0.000035	0.000126	0.000092	0.000047	-0.000102
93	0.000329	0.000304	0.000428	-0.000167	-0.000253	0.004148	0.000608	-0.000132	0.000136	0.000127	-0.000036	-0.000006
94	0.000224	0.000257	0.000534	-0.000282	-0.000245	0.003772	0.000522	-0.000135	0.000073	0.000105	-0.000058	0.000028
95	0.000275	0.000269	0.000443	-0.000201	-0.000236	0.003082	0.000530	-0.000110	0.000101	0.000090	0.000052	-0.000067
96	0.000393	0.000346	0.000335	-0.000160	-0.000165	0.003549	0.000411	-0.000122	0.000137	0.000145	-0.000075	0.000014
97	0.000578	0.000383	-0.000790	0.000260	0.000522	-0.000719	-0.000761	-0.000055	0.000129	0.000132	-0.000064	-0.000096
98	0.000380	0.000242	-0.000481	0.000215	0.000259	-0.000275	-0.000266	-0.000020	0.000075	0.000074	-0.000011	-0.000098
99	0.000335	0.000260	-0.000235	0.000036	0.000193	0.000438	0.000026	-0.000061	0.000101	0.000047	-0.000034	-0.000028
100	0.000524	0.000346	-0.000521	0.000205	0.000309	-0.000005	-0.000370	-0.000079	0.000124	0.000110	-0.000049	-0.000080
101	0.000285	0.000116	-0.001525	0.000690	0.000832	-0.001255	-0.000894	0.000012	0.000099	0.000182	-0.000072	-0.000083
102	0.000149	0.000019	-0.001177	0.000552	0.000620	-0.000779	-0.000439	0.000026	0.000056	0.000108	-0.000045	-0.000062
103	0.000179	0.000070	-0.001203	0.000527	0.000672	-0.001013	-0.000700	0.000024	0.000062	0.000147	-0.000053	-0.000077
104	0.000336	0.000149	-0.001597	0.000706	0.000885	-0.001435	-0.001096	0.000004	0.000106	0.000193	-0.000071	-0.000100
105	0.000612	0.000386	-0.001344	0.000543	0.000806	-0.001852	-0.001517	-0.000075	0.000210	0.000117	-0.000058	-0.000095
106	0.000406	0.000295	-0.000980	0.000393	0.000592	-0.001336	-0.001041	-0.000047	0.000156	0.000083	-0.000028	-0.000066
107	0.000367	0.000226	-0.001000	0.000391	0.000615	-0.001507	-0.001126	-0.000024	0.000120	0.000070	-0.000078	-0.000043
108	0.000537	0.000361	-0.001385	0.000527	0.000861	-0.002033	-0.001618	-0.000048	0.000216	0.000114	-0.000041	-0.000118
109	-0.000280	-0.000224	0.000387	-0.000150	-0.000238	0.002170	0.000921	0.000046	0.000075	-0.000130	-0.000025	-0.000041
110	-0.000071	-0.000050	-0.000106	-0.000018	0.000122	0.000545	0.000118	0.000117	-0.000179	0.000084	0.000115	-0.000069
111	-0.000303	-0.000186	0.000542	-0.000298	-0.000248	0.001172	0.001002	0.000026	0.000093	-0.000197	0.000015	0.000027
112	-0.000029	-0.000013	-0.000027	0.000040	-0.000009	0.000369	0.000250	0.000050	-0.000125	0.000008	0.000014	0.000033
113	-0.000021	0.000001	0.000211	-0.000084	-0.000128	0.000954	0.000802	0.000049	0.000034	-0.000148	-0.000003	0.000069
114	-0.000133	-0.000001	0.000463	-0.000238	-0.000224	0.000170	0.000277	0.000014	-0.000151	0.000109	0.000072	-0.000053
115	-0.000076	0.000029	-0.000040	-0.000027	0.000062	-0.000545	-0.000496	0.000019	0.000146	-0.000185	-0.000091	0.000019
116	-0.000086	0.000033	0.000423	-0.000166	-0.000251	0.000833	0.000192	0.000021	-0.000278	0.000092	0.000042	0.000083
117	-0.018257	-0.026920	0.031958	-0.018514	-0.013160	0.207555	0.182725	0.006564	-0.003279	-0.002624	0.000428	-0.001694
118	-0.196404	-0.149717	0.323247	-0.117634	-0.205504	0.742463	0.791644	0.016936	-0.011603	-0.010259	0.002289	0.001234
119	-0.176821	-0.120832	0.235693	-0.061104	-0.174472	0.702375	0.726443	0.023877	-0.013458	-0.012126	0.001072	0.000031
120	-0.445445	-0.484134	0.013713	0.004665	-0.018367	0.249955	0.314836	0.012824	0.002309	0.002700	-0.006330	-0.006260
121	0.430856	0.014592	-0.018174	0.007050	0.011119	-0.176380	-0.197416	-0.006116	-0.002118	-0.002385	0.004420	0.004186
122	0.014592	0.469549	0.004453	-0.011713	0.007247	-0.073649	-0.117472	-0.006713	-0.000215	-0.000289	0.001920	0.002066
123	-0.018174	0.004453	0.963408	-0.465851	-0.497514	0.386353	0.410285	-0.016949	-0.006946	-0.005884	0.010326	0.010040
124	0.007050	-0.011713	-0.465851	0.552065	-0.086223	-0.161698	-0.172630	0.056525	-0.025309	-0.022740	-0.008256	-0.009744
125	0.011119	0.007247	-0.497514	-0.086223	0.583731	-0.224544	-0.237583	-0.039578	0.032180	0.028697	-0.002129	-0.000234
126	-0.176380	-0.073649	0.386353	-0.161698	-0.224544	1.900620	1.408270	0.003928	-0.016787	-0.015826	0.010386	0.010122
127	-0.197416	-0.117472	0.410285	-0.172630	-0.237583	1.408270	1.867910	0.002045	-0.017974	-0.017031	0.013325	0.012486
128	-0.006116	-0.006713	-0.016949	0.056525	-0.039578	0.003928	0.002045	0.631421	-0.157325	-0.157857	-0.096908	-0.096282
129	-0.002118	-0.000215	-0.006946	-0.025309	0.032180	-0.016787	-0.017974	-0.157325	0.615111	-0.157509	-0.097657	-0.113146
130	-0.002385	-0.000289	-0.005884	-0.022740	0.028697	-0.015826	-0.017031	-0.157857	-0.157509	0.615178	-0.112965	-0.098400
131	0.004420	0.001920	0.010326	-0.008256	-0.002129	0.010386	0.013325	-0.096908	-0.097657	-0.112965	0.466566	-0.068769
132	0.004186	0.002066	0.010040	-0.009744	-0.000234	0.010122	0.012486	-0.096282	-0.113146	-0.098400	-0.068769	0.466690
133	0.002196	0.003259	0.009832	0.010052	-0.019883	0.008981	0.008086	-0.118482	-0.099120	-0.099810	-0.078947	-0.080082
134	-0.000412	-0.000479	0.000473	0.000742	-0.001234	-0.006102	0.001041	-0.000451	0.000187	0.000088	-0.000114	0.000342

135	-0.000365	-0.000349	0.000761	-0.000175	-0.000566	0.003446	0.003526	-0.000238	0.000155	0.000098	0.000084	0.000036
136	0.000484	0.000385	-0.000831	0.000224	0.000603	-0.002729	-0.002651	-0.000098	0.000259	0.000116	0.000008	-0.000129
137	0.000452	0.000273	-0.001170	0.000355	0.000800	-0.002184	-0.001658	-0.000022	0.000266	0.000056	0.000008	-0.000264
138	-0.001008	-0.001227	0.000290	-0.000105	-0.000177	0.010259	0.008273	-0.000098	0.000119	0.000015	-0.000177	0.000100
139	-0.000731	-0.000543	0.001507	-0.000390	-0.001067	-0.002270	-0.001791	-0.000068	-0.000140	-0.000021	-0.000343	0.000580
140	-0.000348	-0.000286	0.000600	0.000059	-0.000651	0.000365	0.000025	-0.000085	0.000015	-0.000032	-0.000079	0.000204
141	0.000231	0.000290	-0.000257	0.000350	-0.000080	-0.005547	-0.004191	-0.000097	0.000000	0.000159	-0.000145	0.000221
142	0.000168	0.000252	-0.000061	0.000255	-0.000181	-0.007040	-0.004988	-0.000156	0.000034	0.000252	-0.000177	0.000257
143	-0.000155	-0.000022	0.000099	0.000047	-0.000131	-0.003897	-0.002642	-0.000045	0.000026	0.000076	-0.000171	0.000203
144	-0.000695	-0.000779	0.001722	-0.001807	0.000103	0.011889	0.006900	0.000434	-0.000269	-0.000707	0.000133	0.000046
145	0.000224	0.000082	0.000214	-0.000421	0.000194	0.002342	0.001209	0.000070	-0.000028	-0.000236	0.000013	0.000023
146	0.000240	0.000055	-0.000143	-0.000082	0.000225	0.000500	0.000067	0.000025	0.000009	-0.000077	0.000025	-0.000032
147	0.000543	0.000247	-0.000827	0.000394	0.000440	-0.000407	-0.000860	-0.000066	0.000137	0.000024	-0.000063	-0.000031
148	0.000780	0.000591	-0.000635	0.000197	0.000436	0.001707	0.000527	0.000006	0.000140	-0.000227	0.000032	-0.000054
149	-0.000812	-0.000556	0.002092	-0.000889	-0.001244	-0.000794	0.000300	0.000086	-0.000389	-0.000209	0.000403	-0.000129
150	-0.000115	-0.000128	0.000409	-0.000055	-0.000370	-0.001952	-0.001366	0.000001	-0.000120	-0.000013	0.000097	-0.000025
151	0.000156	0.000181	-0.000171	0.000379	-0.000220	-0.006137	-0.004148	-0.000145	0.000052	0.000123	0.000014	0.000011
152	0.000193	0.000176	0.000023	0.000051	-0.000082	-0.005670	-0.004036	-0.000059	-0.000091	0.000066	0.000024	0.000078
153	-0.000086	-0.000045	0.000956	-0.000333	-0.000626	-0.002211	-0.000565	-0.000091	-0.000210	0.000091	-0.000025	0.000140
154	0.000132	-0.000101	-0.000945	0.000480	0.000491	0.000090	-0.000447	-0.000005	0.000116	0.000168	-0.000407	0.000306
155	0.000357	0.000163	-0.000412	0.000132	0.000295	-0.002944	-0.002818	-0.000061	-0.000035	0.000077	-0.000140	0.000166
156	0.000962	0.000642	-0.001103	0.000457	0.000632	-0.001886	-0.002101	-0.000062	0.000027	-0.000175	0.000098	-0.000035
157	-0.000056	-0.000187	0.000423	0.000071	-0.000502	-0.002448	-0.000019	-0.000171	0.000209	0.000029	0.000085	-0.000029
158	0.001122	0.001145	-0.000895	-0.000174	0.000564	-0.006152	-0.003940	-0.000281	0.004073	-0.003894	0.001895	-0.001879
159	-0.001474	-0.002660	0.002376	-0.000691	0.000237	0.021208	0.014783	0.001178	0.006691	-0.007588	-0.002641	0.002387
160	-0.000588	-0.001687	0.003258	0.000069	0.000477	0.013771	0.008495	-0.000304	-0.009931	0.009758	-0.007968	0.008232
161	-0.000372	0.000177	0.000636	-0.001352	-0.000803	0.002753	0.002577	0.000401	0.020016	-0.020475	0.000415	-0.000397
162	-0.000008	-0.000058	0.000218	-0.000142	-0.000078	0.000528	0.000421	0.000011	-0.000019	-0.000056	0.000012	0.000047
163	-0.000835	-0.001273	-0.000353	-0.001282	0.001634	0.029476	0.015898	0.000179	0.002590	-0.002140	-0.001744	0.000395
164	0.000714	0.000549	-0.000694	0.000467	0.000233	-0.005114	-0.003771	-0.000221	0.000243	0.000096	-0.000147	0.000156
165	0.000129	0.000112	-0.000078	0.000070	0.000006	-0.001167	-0.000443	0.000014	0.000026	-0.000013	0.000133	-0.000125
166	-0.000469	-0.000126	0.001205	-0.000659	-0.000533	0.002140	0.001097	0.000072	-0.000261	0.000005	0.000054	0.000097
167	0.000327	0.000379	-0.000150	0.000587	-0.000426	-0.009295	-0.006796	-0.000218	-0.000025	0.000153	-0.000067	0.000216
168	-0.000087	-0.000063	0.000205	-0.000087	-0.000120	0.000374	0.000268	-0.000010	0.000004	-0.000013	-0.000010	0.000042
169	-0.000346	-0.000464	0.000114	-0.000424	0.000299	0.011965	0.008449	0.000249	-0.000025	-0.000256	0.000159	-0.000284
170	-0.000965	-0.000521	0.002156	-0.000650	-0.001502	0.004492	0.003932	0.000039	-0.000252	-0.000045	0.000050	0.000156
171	-0.000041	0.000003	-0.000069	0.000246	-0.000178	-0.001099	-0.000565	-0.000082	0.000022	0.000151	-0.000054	0.000024
172	-0.000544	-0.000335	0.001056	-0.000253	-0.000813	-0.000532	0.000614	-0.000015	-0.000176	0.000099	0.000036	0.000072
173	0.000076	0.000233	-0.000216	0.000543	-0.000344	-0.009743	-0.006557	-0.000174	0.000019	0.000159	0.000043	0.000021
174	0.000025	-0.000006	-0.000028	-0.000069	0.000097	0.000047	-0.000185	0.000038	-0.000049	-0.000042	0.000012	0.000012
175	-0.000134	-0.000259	-0.000220	-0.000078	0.000304	0.009320	0.006241	0.000124	0.000189	-0.000122	0.000003	-0.000171
176	-0.000630	-0.000466	0.000699	0.000339	-0.001073	-0.000686	0.002695	-0.000239	-0.000155	-0.000164	0.000416	-0.000148
177	0.000226	0.000189	-0.000054	0.000215	-0.000145	-0.004194	-0.002240	-0.000191	0.000100	0.000452	-0.000322	0.000346
178	-0.000277	-0.000198	0.000181	-0.000236	0.000046	-0.003101	-0.001258	-0.000038	0.000095	0.000106	0.000015	-0.000055
179	-0.000032	-0.000214	-0.000648	0.000544	0.000132	0.005634	0.003307	0.000038	0.000046	-0.000049	-0.000198	0.000096
180	-0.000171	-0.000046	0.000123	0.000357	-0.000463	-0.002402	-0.001824	-0.000165	0.000243	0.000178	-0.000208	0.000130
181	0.000235	0.000213	-0.000026	-0.000482	0.000512	0.000732	0.000049	0.000171	-0.000257	-0.000272	0.000037	0.000135
182	0.000095	0.000127	0.000653	-0.001100	0.000460	0.002446	-0.000230	0.000276	-0.000406	-0.000230	0.000099	0.000140
183	0.000480	0.000334	-0.000814	0.000279	0.000501	0.002444	0.000147	0.000161	0.000294	-0.000041	0.000149	-0.000607
184	-0.002331	-0.002041	0.003183	-0.001878	-0.000420	0.024795	0.018230	0.000231	-0.001571	0.001394	-0.002109	0.002236

185	-0.002265	-0.003525	0.001456	0.000519	0.000591	0.026937	0.018172	0.001376	-0.001419	0.000508	-0.005688	0.005684
186	0.001041	0.001064	-0.002282	0.002116	0.000768	-0.007971	-0.006522	-0.000619	-0.016914	0.017751	0.001390	-0.001652
187	0.002005	0.003835	-0.002211	-0.000533	-0.001533	-0.026802	-0.017582	-0.000083	0.027651	-0.028089	0.007314	-0.007191
188	0.000301	0.001102	0.000839	0.000969	-0.001776	-0.004715	0.001327	-0.000561	-0.007471	0.007610	-0.000583	0.000705
189	0.000249	0.000275	-0.000340	-0.000155	0.000648	-0.000562	-0.000642	-0.002673	0.030277	-0.027133	0.005073	-0.007043
190	0.000243	0.000196	-0.000647	0.000034	0.000619	-0.000753	-0.001510	0.000102	-0.000007	0.000012	-0.000026	-0.000128
191	0.000255	0.000225	-0.000162	-0.000140	0.000306	0.000003	-0.000432	-0.000160	0.000107	0.000118	-0.000052	0.000043
192	-0.000084	-0.000082	0.000292	0.000074	-0.000375	0.000329	0.000597	-0.000104	0.000027	-0.000040	0.000193	-0.000143
193	0.000009	0.000025	-0.000058	0.000006	0.000048	-0.000143	-0.000071	0.000012	0.000006	-0.000004	0.000036	-0.000085
194	0.000104	0.000102	-0.000066	-0.000101	0.000165	0.000617	0.000176	-0.000056	0.000043	0.000054	-0.000027	0.000024
195	0.000001	-0.000042	-0.000045	0.000133	-0.000096	0.000538	0.000206	-0.000029	0.000033	0.000017	0.000075	-0.000092
196	0.000074	0.000047	-0.000252	0.000067	0.000182	-0.000477	-0.000504	-0.000002	0.000047	0.000022	-0.000071	-0.000045
197	0.000094	0.000095	-0.000070	-0.000017	0.000088	0.000300	0.000062	-0.000084	0.000052	0.000062	-0.000048	0.000058
198	0.000028	0.000020	0.000027	0.000042	-0.000070	0.000203	0.000167	-0.000049	0.000019	0.000003	0.000045	-0.000029
199	0.000020	0.000015	-0.000013	0.000024	-0.000012	0.000166	0.000100	-0.000009	0.000009	0.000008	0.000026	-0.000032
200	-0.000044	-0.000034	0.000055	0.000019	-0.000077	-0.000253	-0.000005	0.000016	-0.000015	-0.000038	0.000060	-0.000047
201	0.000044	0.000056	-0.000039	-0.000072	0.000110	0.000165	0.000025	-0.000008	-0.000005	-0.000020	-0.000010	0.000053
202	0.000129	0.000053	-0.000158	0.000060	0.000100	0.000005	-0.000018	-0.000037	0.000037	0.000068	-0.000009	-0.000017
203	-0.000008	0.000018	0.000061	-0.000077	0.000012	-0.000090	-0.000011	0.000003	0.000014	-0.000017	0.000023	-0.000001
204	-0.000077	-0.000005	0.000062	-0.000070	0.000005	0.000282	0.000243	0.000024	0.000006	-0.000044	-0.000005	0.000034
205	0.000121	0.000024	-0.000236	0.000247	-0.000003	0.000673	0.000312	-0.000062	0.000057	0.000107	-0.000072	0.000014
206	0.000066	0.000105	0.000032	-0.000008	-0.000020	-0.000160	-0.000160	-0.000062	0.000027	0.000022	0.000015	0.000035
207	-0.000063	-0.000014	0.000110	-0.000055	-0.000057	0.000004	0.000070	-0.000011	0.000005	-0.000047	0.000025	0.000013
208	0.000032	0.000028	-0.000037	0.000008	0.000028	0.000126	0.000060	-0.000011	0.000016	-0.000003	0.000002	-0.000002
209	0.000022	0.000021	-0.000050	0.000008	0.000041	0.000134	0.000072	0.000003	0.000013	0.000003	-0.000002	-0.000005
210	0.000101	0.000023	-0.000144	0.000089	0.000057	0.000143	0.000031	-0.000019	0.000027	0.000046	-0.000019	-0.000014
211	-0.000039	0.000011	0.000099	-0.000007	-0.000094	0.000073	0.000038	-0.000010	0.000007	0.000017	-0.000003	0.000012
212	-0.000042	0.000043	0.000036	-0.000074	0.000040	0.000245	0.000147	0.000032	-0.000012	-0.000038	0.000018	-0.000001
213	0.000125	0.000020	-0.000161	0.000071	0.000092	0.000057	-0.000072	-0.000039	0.000052	0.000071	-0.000031	-0.000017
214	-0.000032	-0.000007	0.000026	-0.000015	-0.000010	-0.000078	-0.000050	-0.000006	0.000020	0.000035	-0.000009	-0.000002
215	-0.000212	-0.000088	0.000169	-0.000094	-0.000073	0.000293	0.000327	0.000043	-0.000023	-0.000031	0.000021	0.000005
216	0.000090	-0.000038	-0.000127	0.000099	0.000028	0.000431	0.000184	-0.000013	0.000040	0.000012	-0.000017	-0.000036
217	0.000179	0.000182	-0.000142	0.000089	0.000047	-0.000142	-0.000270	-0.000045	0.000039	0.000037	-0.000008	-0.000008
218	-0.000096	-0.000018	0.000091	-0.000068	-0.000022	0.000042	0.000073	0.000035	-0.000023	-0.000025	0.000012	0.000008
219	0.000004	0.000019	-0.000025	-0.000003	0.000029	0.000140	0.000074	0.000001	0.000012	0.000004	0.000002	-0.000002
220	-0.000001	-0.000001	-0.000030	0.000005	0.000025	0.000117	0.000075	-0.000006	0.000011	0.000021	-0.000004	-0.000007
221	0.000098	-0.000017	-0.000134	0.000095	0.000038	0.000117	0.000013	-0.000024	0.000035	0.000025	-0.000016	-0.000016
222	0.000008	0.000018	0.000056	-0.000012	-0.000043	-0.000098	-0.000147	0.000007	0.000003	-0.000015	-0.000002	-0.000001
223	0.000082	0.000071	-0.000179	-0.000109	0.000283	0.000099	-0.000215	-0.000028	0.000028	0.000019	0.000115	-0.000093
224	0.000164	0.000130	-0.000218	0.000100	0.000113	0.000241	0.000040	-0.000069	0.000124	0.000112	0.000147	-0.000181
225	0.000015	0.000012	0.000092	-0.000041	-0.000047	-0.000268	-0.000113	-0.000033	-0.000101	0.000051	-0.000019	0.000011
226	0.000012	0.000018	-0.000041	-0.000067	0.000110	0.000103	-0.000127	0.000020	-0.000048	0.000007	0.000020	-0.000012
227	0.000125	0.000120	-0.000203	0.000053	0.000151	0.000514	0.000077	-0.000045	0.000053	0.000068	0.000049	-0.000028
228	0.000081	0.000084	-0.000093	-0.000002	0.000096	-0.000308	-0.000239	-0.000062	-0.000008	0.000052	-0.000006	-0.000022
229	-0.000011	-0.000004	-0.000081	-0.000086	0.000164	-0.000057	-0.000310	0.000068	-0.000011	0.000027	0.000129	-0.000118
230	0.000096	0.000087	-0.000118	0.000049	0.000067	0.000264	0.000078	-0.000017	0.000045	0.000056	0.000055	-0.000055
231	0.000042	0.000042	-0.000021	0.000025	-0.000003	0.000119	0.000059	-0.000032	-0.000013	0.000022	-0.000018	0.000017
232	0.000034	0.000032	-0.000040	0.000017	0.000024	0.000060	0.000022	-0.000013	-0.000010	0.000020	-0.000014	0.000005
233	-0.000043	-0.000020	0.000049	-0.000045	-0.000002	-0.000281	-0.000145	0.000002	-0.000071	0.000012	-0.000039	0.000046
234	0.000071	0.000115	-0.000033	-0.000184	0.000209	0.002247	0.001027	-0.000082	0.000076	0.000101	-0.000145	0.000100

235	0.000675	0.000478	-0.001493	0.000113	0.001421	-0.001344	-0.002825	0.000074	0.000116	0.000409	-0.000671	0.000440
236	-0.000209	-0.000208	0.000221	0.000178	-0.000404	-0.000999	-0.000316	0.000105	-0.000117	-0.000224	0.000349	-0.000312
237	-0.000235	-0.000164	0.000888	-0.000031	-0.000875	0.000110	0.001218	-0.000195	-0.000002	-0.000185	0.000431	-0.000202
238	0.000085	0.000080	-0.000252	-0.000074	0.000331	-0.000089	-0.000319	0.000028	0.000031	0.000095	-0.000224	0.000154
239	-0.000013	-0.000014	-0.000142	-0.000026	0.000170	-0.000248	-0.000232	0.000095	-0.000025	0.000016	-0.000090	0.000006
240	0.000087	0.000082	-0.000009	-0.000033	0.000044	0.000382	0.000136	-0.000083	0.000042	0.000049	-0.000032	0.000064
241	0.000100	0.000097	-0.000087	-0.000037	0.000128	0.000305	-0.000001	-0.000056	0.000039	0.000074	-0.000084	0.000082
242	-0.000098	-0.000091	0.000173	0.000069	-0.000245	-0.000064	0.000254	-0.000001	-0.000017	-0.000047	0.000095	-0.000062
243	-0.000069	-0.000068	0.000151	0.000047	-0.000200	0.000080	0.000296	-0.000019	-0.000008	-0.000032	0.000087	-0.000044
244	-0.000142	-0.000112	0.000199	0.000015	-0.000222	-0.000093	0.000346	0.000046	-0.000041	-0.000091	0.000095	-0.000084
245	-0.000252	-0.000193	0.000382	-0.000038	-0.000354	-0.000291	0.000409	0.000087	-0.000093	-0.000166	0.000188	-0.000141
246	0.000592	0.000227	-0.000686	0.000532	0.000182	0.000656	-0.000513	-0.000143	0.000024	0.000197	-0.000131	0.000044
247	0.000248	0.000059	-0.000307	0.000126	0.000178	-0.000287	-0.000063	-0.000068	0.000078	0.000177	-0.000011	-0.000100
248	-0.000242	-0.000094	0.000346	-0.000277	-0.000079	-0.000512	-0.000040	0.000075	-0.000056	-0.000113	0.000066	0.000008
249	-0.000106	-0.000018	0.000180	-0.000173	-0.000014	-0.000455	-0.000143	0.000033	-0.000013	-0.000061	0.000052	-0.000011
250	-0.000066	-0.000014	0.000057	-0.000049	-0.000009	0.000189	0.000142	0.000020	-0.000012	-0.000038	0.000002	0.000019
251	-0.000091	-0.000029	0.000102	-0.000046	-0.000057	0.000150	0.000144	0.000013	-0.000007	-0.000054	0.000006	0.000018
252	0.000110	0.000025	-0.000179	0.000124	0.000059	0.000115	-0.000010	-0.000019	0.000024	0.000063	-0.000028	-0.000023
253	0.000085	0.000014	-0.000162	0.000125	0.000040	0.000198	0.000079	-0.000017	0.000024	0.000058	-0.000030	-0.000023
254	0.000033	0.000021	0.000048	-0.000073	0.000023	-0.000298	-0.000216	0.000005	-0.000016	-0.000006	0.000023	0.000000
255	0.000140	0.000019	-0.000121	0.000089	0.000034	-0.000207	-0.000242	-0.000032	0.000015	0.000070	-0.000009	-0.000029
256	-0.000346	-0.000159	0.000256	-0.000073	-0.000190	0.000522	0.000716	0.000052	0.000006	-0.000097	0.000003	0.000016
257	-0.000359	-0.000049	0.000467	-0.000304	-0.000168	-0.000074	0.000146	0.000081	-0.000067	-0.000193	0.000056	0.000082
258	0.001128	0.000560	-0.001008	0.000350	0.000641	0.000015	-0.000844	-0.000120	0.000030	-0.000066	0.000027	-0.000035
259	0.000159	-0.000088	-0.000148	0.000251	-0.000099	0.000341	0.000183	-0.000123	0.000125	0.000205	-0.000101	-0.000038
260	-0.000333	-0.000111	0.000346	-0.000198	-0.000144	-0.000441	-0.000059	0.000059	-0.000037	-0.000024	0.000011	0.000027
261	-0.000135	-0.000048	0.000093	-0.000070	-0.000020	-0.000436	-0.000204	0.000025	-0.000004	0.000013	-0.000003	0.000013
262	-0.000136	-0.000039	0.000126	-0.000059	-0.000067	0.000282	0.000282	0.000031	-0.000030	-0.000033	0.000018	0.000010
263	-0.000157	-0.000041	0.000157	-0.000078	-0.000079	0.000188	0.000240	0.000034	-0.000032	-0.000038	0.000022	0.000011
264	0.000149	0.000034	-0.000179	0.000082	0.000096	0.000034	-0.000075	-0.000033	0.000031	0.000038	-0.000019	-0.000018
265	0.000098	-0.000005	-0.000121	0.000066	0.000056	0.000126	0.000025	-0.000029	0.000026	0.000031	-0.000017	-0.000015
266	0.000099	0.000049	-0.000040	0.000019	0.000021	-0.000235	-0.000226	-0.000019	0.000004	0.000011	-0.000001	0.000009
267	0.000247	0.000032	-0.000199	0.000128	0.000069	-0.000223	-0.000312	-0.000045	0.000032	0.000030	-0.000021	-0.000010
268	-0.000703	-0.000371	0.000532	-0.000182	-0.000343	0.000519	0.000851	0.000117	-0.000049	-0.000058	0.000019	0.000001
269	-0.000415	0.000028	0.000441	-0.000310	-0.000132	-0.000170	0.000136	0.000104	-0.000097	-0.000110	0.000064	0.000046
270	0.000259	0.000274	-0.000444	0.000050	0.000396	0.001422	0.000195	0.000000	0.000116	0.000083	0.000108	-0.000057
271	0.000220	0.000094	-0.000584	0.000490	0.000066	0.000296	0.000447	-0.000143	0.000579	0.000046	0.000190	-0.000332
272	-0.000228	-0.000201	0.000459	-0.000237	-0.000215	-0.001002	-0.000216	0.000009	-0.000284	-0.000087	-0.000127	0.000152
273	-0.000075	-0.000037	0.000375	-0.000145	-0.000221	-0.000790	-0.000281	-0.000009	-0.000264	0.000044	-0.000108	0.000116
274	0.000039	0.000037	-0.000173	0.000037	0.000130	0.000333	0.000001	0.000047	0.000137	-0.000004	0.000097	-0.000096
275	-0.000036	-0.000039	-0.000037	-0.000037	0.000074	0.000136	-0.000046	0.000050	0.000017	-0.000036	0.000024	-0.000018
276	0.000077	0.000055	-0.000093	0.000121	-0.000028	0.000359	0.000230	-0.000043	0.000063	0.000044	0.000014	-0.000028
277	0.000079	0.000058	-0.000123	0.000107	0.000014	0.000362	0.000196	-0.000036	0.000083	0.000034	0.000032	-0.000037
278	-0.000051	-0.000043	0.000124	-0.000041	-0.000081	-0.000366	-0.000082	0.000006	-0.000075	-0.000015	-0.000058	0.000047
279	-0.000024	-0.000014	0.000080	-0.000022	-0.000057	-0.000278	-0.000052	-0.000010	-0.000046	-0.000003	-0.000046	0.000036
280	-0.000083	-0.000062	0.000130	-0.000113	-0.000013	-0.000098	-0.000154	0.000049	-0.000119	-0.000031	-0.000047	0.000082
281	-0.000176	-0.000122	0.000285	-0.000210	-0.000065	-0.000370	-0.000236	0.000079	-0.000205	-0.000076	-0.000079	0.000135
282	-0.000052	-0.000019	0.000130	-0.000007	-0.000127	0.000503	0.000355	0.000021	-0.000126	0.000013	0.000148	-0.000073
283	0.000043	0.000041	-0.000052	-0.000037	0.000092	0.000005	-0.000126	0.000008	-0.000020	0.000027	-0.000052	0.000035
284	0.000018	0.000019	-0.000018	-0.000034	0.000053	-0.000006	-0.000043	-0.000022	0.000015	0.000009	-0.000003	0.000010

285	0.000060	0.000063	-0.000081	-0.000064	0.000146	-0.000140	-0.000239	-0.000023	0.000019	0.000017	-0.000030	0.000013
286	0.000062	0.000059	-0.000099	-0.000047	0.000147	-0.000061	-0.000271	-0.000040	0.000042	0.000025	-0.000050	0.000008
287	0.000200	0.000177	-0.000393	-0.000140	0.000539	-0.000457	-0.000935	-0.000019	0.000075	0.000082	-0.000229	0.000088
288	-0.000077	-0.000061	0.000017	0.000003	-0.000018	0.000468	0.000262	-0.000008	0.000068	-0.000031	-0.000041	0.000027
289	-0.000086	-0.000007	-0.000033	0.000054	-0.000017	0.000332	0.000238	0.000003	0.000017	0.000091	-0.000040	0.000013
290	0.000045	-0.000007	0.000004	-0.000001	-0.000004	-0.000094	-0.000075	-0.000006	-0.000004	-0.000040	0.000015	-0.000013
291	0.000018	-0.000009	0.000017	-0.000012	-0.000007	-0.000065	-0.000048	0.000000	-0.000004	-0.000034	0.000013	-0.000008
292	-0.000002	-0.000003	0.000010	-0.000005	-0.000006	-0.000072	-0.000036	0.000006	-0.000002	-0.000013	0.000007	-0.000007
293	0.000005	0.000012	-0.000006	0.000026	-0.000020	0.000023	0.000032	-0.000001	-0.000008	0.000020	0.000005	-0.000011
294	-0.000067	-0.000052	0.000073	0.000010	-0.000079	0.000223	0.000233	-0.000004	0.000079	-0.000044	-0.000047	0.000052
295	-0.000053	0.000001	0.000042	-0.000033	-0.000003	0.000073	0.000145	0.000012	-0.000007	-0.000015	0.000004	0.000020
296	-0.000001	-0.000004	-0.000014	0.000013	-0.000002	-0.000060	-0.000053	-0.000006	0.000007	0.000005	0.000002	-0.000011
297	0.000009	-0.000006	-0.000016	0.000007	0.000007	-0.000029	-0.000040	-0.000003	0.000012	0.000004	-0.000002	-0.000006
298	0.000011	0.000013	-0.000019	0.000007	0.000011	0.000031	-0.000003	-0.000002	-0.000001	0.000006	0.000002	-0.000007
299	0.000003	0.000014	-0.000016	-0.000027	0.000043	-0.000107	-0.000065	0.000009	-0.000021	0.000009	0.000020	-0.000012
300	0.000032	0.000013	-0.000067	0.000105	-0.000040	-0.000195	0.000063	-0.000019	-0.000048	0.000125	0.000107	-0.000076
301	0.000008	0.000002	-0.000021	-0.000017	0.000041	-0.000285	-0.000182	0.000014	-0.000049	0.000026	-0.000036	0.000016
302	-0.000027	-0.000026	0.000033	0.000015	-0.000048	0.000062	0.000063	0.000009	0.000001	-0.000023	-0.000022	0.000014
303	-0.000029	-0.000034	0.000051	0.000012	-0.000061	-0.000057	-0.000021	0.000011	-0.000030	-0.000024	-0.000072	0.000053
304	-0.000033	-0.000046	0.000045	0.000037	-0.000080	-0.000033	-0.000004	0.000006	-0.000026	-0.000037	-0.000107	0.000077
305	-0.000063	-0.000077	0.000195	-0.000026	-0.000162	-0.000183	-0.000139	-0.000003	-0.000118	-0.000054	-0.000238	0.000194
306	0.000477	0.000444	-0.000665	-0.000406	0.001094	-0.000024	-0.001816	-0.000051	0.000105	0.000164	-0.000475	0.000223
307	0.000184	0.000180	-0.000366	-0.000160	0.000531	-0.000323	-0.000967	0.000067	-0.000023	0.000067	-0.000168	0.000031
308	-0.000081	-0.000063	0.000234	0.000032	-0.000270	0.000313	0.000586	-0.000070	-0.000019	-0.000026	0.000142	-0.000023
309	-0.000067	-0.000065	0.000088	0.000061	-0.000150	0.000149	0.000252	0.000023	-0.000018	-0.000014	0.000047	-0.000028
310	0.000008	0.000008	-0.000026	-0.000003	0.000029	-0.000120	-0.000106	0.000022	-0.000002	-0.000011	-0.000006	-0.000009
311	0.000032	0.000027	-0.000051	-0.000038	0.000091	-0.000080	-0.000129	-0.000004	0.000011	0.000004	-0.000033	0.000027
312	-0.000077	-0.000087	0.000124	0.000109	-0.000235	0.000062	0.000370	-0.000039	0.000049	-0.000019	0.000021	0.000001
313	-0.000218	-0.000023	-0.000191	0.000232	-0.000031	0.000690	0.000630	0.000039	0.000001	0.000203	-0.000074	0.000000
314	0.000001	-0.000020	0.000044	-0.000026	-0.000018	0.000149	0.000059	-0.000004	0.000028	-0.000053	-0.000001	0.000004
315	-0.000008	-0.000007	-0.000011	0.000019	-0.000007	0.000079	0.000053	-0.000005	0.000011	0.000006	-0.000011	0.000003
316	-0.000009	-0.000003	-0.000010	0.000004	0.000005	-0.000021	-0.000013	0.000001	-0.000001	0.000001	-0.000003	0.000001
317	0.000023	-0.000012	0.000021	-0.000038	0.000015	-0.000098	-0.000076	0.000003	-0.000008	-0.000031	0.000018	-0.000001
318	0.000054	0.000031	0.000009	0.000005	-0.000014	-0.000059	-0.000052	-0.000012	0.000001	-0.000026	0.000007	-0.000007
319	-0.000061	0.000010	-0.000052	0.000036	0.000018	-0.000053	0.000029	0.000016	-0.000030	0.000103	-0.000009	0.000000
320	-0.000075	-0.000005	0.000088	-0.000002	-0.000076	0.000388	0.000497	0.000015	-0.000032	-0.000021	0.000058	-0.000008
321	0.000000	-0.000022	-0.000002	0.000001	-0.000002	-0.000015	-0.000022	0.000001	0.000046	-0.000017	-0.000023	0.000017
322	-0.000025	-0.000015	0.000027	-0.000008	-0.000018	0.000006	0.000040	0.000000	0.000010	-0.000010	-0.000001	0.000007
323	-0.000001	0.000007	-0.000002	0.000015	-0.000012	0.000079	0.000047	-0.000004	-0.000003	0.000003	-0.000003	0.000000
324	0.000018	-0.000006	-0.000015	0.000020	-0.000007	-0.000011	-0.000031	-0.000007	0.000009	0.000006	-0.000009	-0.000004
325	0.000018	-0.000005	-0.000009	-0.000021	0.000026	-0.000177	-0.000151	0.000005	0.000000	-0.000005	0.000011	-0.000006
326	-0.000009	0.000041	0.000000	-0.000007	0.000012	0.000114	0.000113	0.000004	-0.000062	0.000024	0.000025	-0.000014
327	-0.000133	-0.000164	0.000269	-0.000147	-0.000107	-0.001023	-0.000770	0.000065	-0.000296	-0.000039	-0.000495	0.000340
328	-0.000026	-0.000051	0.000149	0.000046	-0.000189	-0.000248	-0.000090	-0.000016	-0.000167	0.000030	-0.000151	0.000139
329	0.000005	0.000004	-0.000101	0.000016	0.000082	0.000001	0.000041	0.000023	0.000066	0.000009	0.000064	-0.000077
330	0.000015	0.000025	-0.000034	0.000013	0.000019	0.000108	0.000078	-0.000015	0.000036	0.000018	0.000080	-0.000053
331	0.000011	0.000012	0.000011	-0.000010	-0.000001	0.000031	-0.000003	0.000003	-0.000007	-0.000007	0.000012	-0.000001
332	-0.000022	-0.000023	0.000038	-0.000009	-0.000028	0.000047	0.000034	-0.000002	-0.000011	-0.000007	-0.000040	0.000028
333	0.000017	0.000033	-0.000063	-0.000056	0.000117	0.000060	-0.000058	0.000008	0.000085	-0.000044	0.000036	-0.000037

	133	134	135	136	137	138	139	140	141	142	143	144
1	-0.000950	0.023770	0.004702	-0.007518	-0.009371	0.001434	0.024292	0.001146	-0.010042	-0.009428	-0.000319	0.017294
2	-0.001289	-0.022098	-0.007396	-0.000939	0.000369	-0.002557	-0.020136	-0.001291	0.002781	0.001352	-0.004697	-0.027724
3	-0.000045	0.013042	-0.001654	-0.004046	-0.014112	-0.022715	-0.013747	-0.012282	-0.010047	0.004468	0.006234	0.004416
4	-0.000021	-0.019202	0.011853	0.013195	-0.001951	-0.014915	-0.029103	-0.007403	-0.006404	0.011743	0.003293	-0.010508
5	0.000152	0.012029	0.011910	0.002863	-0.004054	-0.009835	-0.007413	-0.010093	-0.017011	0.001569	0.026144	-0.060461
6	0.000018	0.005267	0.005128	0.002517	-0.005831	-0.005022	0.004322	-0.004934	0.000325	0.003902	0.007853	-0.038263
7	0.001863	-0.021075	-0.009315	0.010019	0.008379	-0.017571	-0.013761	-0.001842	0.020125	0.021653	0.004911	-0.017978
8	0.000114	-0.011677	-0.013229	0.010021	0.002915	-0.016971	0.001476	0.012724	-0.000289	0.006216	0.007300	0.009085
9	0.000231	0.040011	-0.003860	-0.040563	-0.030079	0.011190	0.003933	-0.021588	-0.003539	0.001769	-0.001539	-0.000922
10	-0.000027	-0.018337	0.013577	0.035582	0.026278	-0.003736	0.012203	0.023506	-0.003949	0.004141	0.023391	-0.005462
11	0.000113	-0.004710	0.000781	-0.001869	-0.004473	0.000126	-0.008762	-0.017163	-0.001405	0.006653	-0.038635	0.013699
12	0.000498	0.003419	0.000918	0.000772	0.002931	-0.000963	0.010685	-0.000058	-0.001924	0.001827	0.021904	-0.012229
13	0.000516	-0.005460	0.004635	0.000436	-0.006403	-0.010930	-0.006034	-0.008587	-0.005725	0.003210	0.002624	0.026707
14	0.000269	0.003868	-0.001183	0.004534	0.006184	0.002706	0.003219	0.002288	0.004756	0.002206	0.002929	0.011472
15	0.000328	-0.006467	0.016730	0.008188	0.000534	-0.000191	-0.002942	-0.009084	-0.003303	-0.006997	-0.004378	-0.016669
16	-0.000247	-0.064156	-0.023357	0.022050	0.017876	-0.038449	0.007562	0.012666	-0.000303	0.003808	0.004303	0.009762
17	-0.000043	-0.003085	0.009682	-0.015678	-0.005102	-0.007964	0.016002	0.001074	0.014963	0.013890	0.009912	-0.000490
18	-0.000017	0.067951	0.023694	-0.041902	-0.011463	0.055495	0.004608	-0.007597	-0.003551	-0.002375	-0.001196	0.000541
19	-0.000159	-0.001279	0.005367	0.011102	0.008991	0.006272	0.056260	0.039890	0.003428	-0.011987	0.054901	-0.006601
20	-0.000268	0.005350	0.011049	0.015929	0.015321	-0.002633	-0.059899	-0.003850	0.000784	-0.016445	0.019610	-0.002295
21	-0.000085	0.001547	-0.002357	-0.004405	-0.004838	-0.002450	-0.034972	-0.027923	0.022609	-0.006487	-0.063976	0.006885
22	-0.000269	0.002080	-0.000563	0.002465	0.006811	0.006129	0.008741	0.008563	0.004487	-0.002669	-0.000945	-0.036829
23	0.000498	0.002201	0.000909	0.000504	-0.004908	-0.007474	-0.014648	-0.015019	-0.010866	-0.004073	-0.000822	-0.144186
24	-0.000196	-0.002022	0.003333	-0.001789	-0.006141	-0.005358	-0.015262	-0.009376	-0.008205	-0.000670	-0.008300	0.072985
25	-0.000106	-0.006617	-0.009632	-0.001568	-0.001630	-0.000944	-0.000004	0.002345	0.001165	0.000806	0.003562	0.019495
26	0.000209	-0.013473	-0.005151	-0.006342	-0.009546	-0.011330	0.004064	-0.004898	-0.001473	0.003186	0.005256	0.023734
27	-0.000332	-0.006266	0.004335	0.003434	0.000768	0.002172	0.003218	-0.000990	0.001336	-0.001224	-0.002533	-0.003463
28	0.000042	0.082439	0.010268	-0.017270	-0.031419	0.017444	0.059955	-0.034434	0.011939	0.013972	0.025662	0.000774
29	-0.000251	0.021830	0.030098	0.036759	0.031131	-0.019963	0.066327	0.025658	-0.012883	0.012326	0.036416	0.014957
30	-0.000130	-0.004887	0.004186	0.007683	0.009453	0.000136	-0.024064	-0.005226	0.005679	0.008872	-0.064912	0.024619
31	0.000071	0.003312	0.005414	0.009622	0.010708	0.002281	0.001992	-0.005955	0.004542	-0.007817	0.005995	-0.004895
32	0.000131	-0.020926	0.010711	0.003047	-0.007255	-0.014022	-0.004654	-0.015160	-0.007974	-0.001550	0.010585	0.100785
33	0.000067	-0.006941	0.010631	0.003533	-0.001070	-0.008703	-0.009052	-0.009546	-0.001376	-0.000116	0.011651	0.103340
34	-0.000134	-0.035725	0.016129	0.000400	-0.001021	-0.010962	0.014137	-0.003422	0.004570	0.000739	0.000945	0.011592
35	-0.000256	-0.031207	-0.029655	0.013111	-0.001851	-0.023351	0.015196	0.003904	0.010924	0.010722	0.009157	0.022999
36	-0.000077	0.001401	0.003566	-0.003205	0.001407	0.004229	-0.000933	0.000231	-0.000329	-0.000591	-0.000799	-0.000796
37	-0.000033	-0.002370	0.001457	0.001913	0.002866	0.002149	-0.002198	-0.000322	0.000598	-0.000895	-0.001431	-0.000403
38	-0.000062	0.001308	0.000059	-0.000293	-0.000254	0.001541	-0.000611	-0.004903	0.003125	-0.001917	-0.003522	0.000223
39	-0.000049	0.000375	-0.000012	0.000187	0.000337	0.001456	0.004167	0.003230	0.002585	-0.002435	0.007835	-0.000995
40	0.000003	-0.000231	-0.000329	-0.000252	-0.000011	0.000787	0.001237	0.001206	0.000924	-0.000109	0.000841	0.004910
41	0.000004	-0.000341	-0.000397	-0.000059	0.000346	0.000617	0.000641	0.000837	0.000557	-0.000030	-0.000552	-0.000110
42	-0.000021	0.000806	0.000117	0.000094	0.000615	0.000892	-0.000453	0.000367	0.000073	-0.000277	-0.000852	-0.002471
43	-0.000059	0.001910	0.000463	-0.000730	0.000947	0.001497	-0.000407	0.001145	0.000244	-0.000100	-0.000445	-0.000836
44	-0.000088	0.000429	0.001173	0.000807	0.003381	-0.014267	0.007099	0.021384	0.001681	0.007379	0.006405	0.001257
45	-0.000002	-0.000688	0.001055	0.000811	-0.000697	-0.002812	-0.006103	-0.004476	-0.005913	-0.001696	-0.020099	-0.003678
46	0.000053	-0.002506	0.001238	0.000798	-0.001385	-0.002652	-0.000225	-0.001839	-0.000965	0.000358	0.001918	0.008038
47	-0.000108	-0.005672	-0.018612	0.000137	-0.005193	-0.004679	-0.000051	-0.002405	-0.000951	0.000487	0.001157	0.002733
48	0.003949	0.001697	-0.002421	0.002002	0.000180	-0.009600	0.004740	0.000663	0.005478	0.007620	0.004473	-0.006325

49	-0.009811	-0.002197	0.000874	-0.000609	0.000123	0.003784	-0.002337	-0.000022	-0.000815	-0.001791	-0.001362	0.004585
50	0.005719	-0.002590	0.002703	-0.003597	-0.002240	0.010590	-0.001306	0.001390	-0.004097	-0.005434	-0.003018	0.008190
51	0.002289	-0.003363	0.001735	0.001545	0.000706	0.000603	-0.002998	-0.001703	-0.001014	-0.000890	-0.000855	0.003406
52	-0.008376	0.010259	-0.002424	0.001771	0.000095	-0.009696	0.009153	0.002505	0.006610	0.008961	0.005756	-0.015303
53	-0.000447	0.001998	0.000246	0.000155	0.000202	0.000482	-0.000562	-0.000337	-0.001135	-0.001165	-0.000460	0.001526
54	-0.001310	-0.000856	-0.000312	-0.000054	-0.000013	-0.000292	-0.000257	0.000020	0.000277	0.000153	-0.000029	0.000017
55	-0.204693	0.000402	-0.000024	-0.000166	-0.000032	0.000221	0.000276	0.000168	-0.000029	-0.000200	-0.000114	0.000712
56	-0.001965	0.004851	0.003527	0.000001	-0.000850	0.001671	-0.000116	0.000394	-0.000676	-0.000980	-0.000342	0.002657
57	-0.074539	-0.000313	0.000030	0.000073	0.000019	-0.000143	-0.000320	-0.000026	0.000035	-0.000008	-0.000094	-0.000050
58	0.077107	-0.000106	0.000027	0.000182	0.000086	-0.000055	-0.000053	0.000001	0.000024	0.000067	-0.000010	-0.000480
59	0.077501	0.000219	0.000071	0.000068	-0.000018	0.000004	-0.000157	0.000014	0.000151	0.000316	0.000127	-0.000798
60	0.000015	-0.002977	-0.000788	0.001233	0.001486	-0.000300	-0.002514	0.000323	0.001998	0.002173	0.000547	-0.003271
61	0.001287	0.033776	0.035354	-0.001126	-0.004418	0.027375	-0.028732	0.019008	-0.045927	-0.043047	0.024463	0.036328
62	-0.000441	-0.029270	0.011950	-0.035528	-0.031405	0.024889	0.024864	0.025779	-0.003046	-0.007923	0.002849	-0.064949
63	-0.000580	0.027273	0.001002	-0.008800	-0.003284	0.015694	-0.028565	0.029512	-0.041397	-0.048537	0.009668	0.024319
64	0.000971	-0.026281	0.032078	-0.040975	-0.041159	0.025721	0.025872	0.006893	-0.014438	-0.014827	0.004171	-0.050900
65	0.000371	-0.018482	-0.010996	0.011386	0.004693	-0.035491	0.028971	-0.033379	0.038637	0.045574	-0.012157	-0.033105
66	-0.001108	0.027602	-0.029755	0.038357	0.035115	-0.031886	-0.015476	-0.013966	0.015395	0.015954	-0.007851	0.039582
67	-0.001081	-0.043886	-0.025668	-0.001663	0.002508	-0.008124	0.029512	-0.015555	0.049300	0.046193	-0.021871	-0.026576
68	0.000588	0.027846	-0.014199	0.038350	0.037820	-0.019040	-0.036693	-0.019157	0.001642	0.006497	0.000383	0.074382
69	-0.000088	0.021990	0.000641	0.004024	0.003552	0.004363	0.007510	0.004163	0.001952	0.007111	0.004759	0.017144
70	-0.000051	0.006476	0.000531	0.004828	0.011667	0.002096	-0.031743	0.001356	-0.008297	-0.003518	-0.010248	-0.040542
71	0.000055	-0.013061	-0.004078	0.001017	-0.000587	-0.011198	-0.002230	-0.013595	0.002770	0.000658	-0.004038	-0.006183
72	-0.000027	-0.016086	-0.004433	-0.002026	-0.007355	-0.003856	0.027067	0.000599	0.013162	0.006178	0.005732	0.034450
73	0.000005	-0.047906	-0.015579	0.005086	0.012139	-0.018245	-0.022636	0.008732	-0.015272	-0.008453	-0.006367	0.003134
74	0.000111	-0.008437	-0.015731	0.010939	-0.007390	-0.014971	0.010484	-0.005732	0.006075	0.005217	0.004095	0.004016
75	0.000170	0.031514	-0.000096	-0.010710	-0.009633	0.012346	0.010039	-0.010559	0.004235	0.002530	0.002296	0.003136
76	0.000004	0.036549	0.017568	-0.013731	-0.002440	0.017903	-0.030376	0.006563	-0.022124	-0.014211	-0.011886	-0.010274
77	0.000077	-0.017305	0.000911	0.006959	-0.003414	0.015088	0.110656	0.001789	0.021045	0.005624	0.040020	-0.005669
78	0.000076	-0.001328	0.003403	0.006575	0.008139	-0.004382	-0.014296	0.017659	-0.021302	0.007354	0.013875	0.004610
79	0.000063	-0.001812	0.000881	0.002375	0.005090	-0.007650	-0.045200	-0.000700	-0.013632	0.008359	-0.022140	0.008029
80	0.000184	-0.008436	-0.009006	-0.012074	-0.017272	0.002900	0.039616	-0.025348	0.024877	-0.006307	-0.052084	-0.006282
81	-0.000157	-0.003207	0.000540	0.004224	0.010776	0.007008	0.025740	0.020628	0.012641	0.011600	0.009802	0.138026
82	0.000227	0.003186	-0.000369	0.000582	0.000625	-0.000799	-0.001949	-0.003191	-0.002075	-0.003023	0.004240	-0.087748
83	0.000247	0.003180	0.000773	-0.001224	-0.003529	-0.003836	-0.008479	-0.007946	-0.005783	-0.002861	0.002976	-0.055639
84	-0.000150	-0.012280	0.000264	-0.005634	-0.006173	-0.003666	0.011483	0.006693	0.005511	0.009359	0.006780	0.217104
85	-0.000003	0.015388	0.005772	0.010600	0.012370	0.011159	-0.011833	0.003798	-0.002135	-0.006842	-0.007111	-0.050696
86	0.000209	-0.007633	0.000230	-0.002828	-0.003142	-0.003798	0.004247	-0.001502	0.000166	0.000551	0.002195	0.017156
87	0.000179	-0.007209	0.004027	-0.001006	-0.002333	-0.002951	0.004190	-0.002528	0.000531	0.000204	0.000257	0.009708
88	-0.000187	0.025541	0.010239	0.014895	0.013838	0.015362	-0.007953	0.000942	0.002554	-0.003336	-0.005778	-0.036324
89	-0.000014	0.026376	0.011689	-0.002719	-0.012342	0.028511	0.027048	0.003207	-0.009754	-0.000520	0.015092	0.002659
90	-0.000061	-0.002925	-0.002216	-0.002171	0.002286	0.000816	-0.006647	-0.004001	0.005401	0.007456	-0.017940	0.004358
91	-0.000009	-0.002359	0.004320	-0.001186	-0.000726	-0.001048	-0.001689	-0.002443	-0.001103	-0.001920	0.002953	0.039194
92	-0.000131	-0.013999	-0.001802	0.009785	0.002153	-0.008526	0.003260	-0.000590	0.001811	-0.001480	-0.001229	0.001099
93	-0.000095	0.002004	0.003558	-0.005807	0.003826	0.006172	-0.005772	0.002775	-0.003593	-0.003224	-0.002560	-0.001877
94	-0.000017	0.006568	0.012049	-0.004528	0.003484	0.008896	-0.004682	0.002953	-0.002482	-0.001973	-0.001517	-0.002099
95	-0.000068	-0.015348	0.001299	0.005595	0.007531	-0.005065	-0.005354	0.004854	-0.001472	-0.001066	-0.000965	-0.001073
96	-0.000104	-0.014580	-0.000059	0.004161	0.009240	-0.008844	-0.004750	0.005330	-0.002834	-0.001467	-0.001151	-0.001637
97	-0.000052	-0.000220	-0.002318	-0.003616	-0.003972	0.002219	0.010401	-0.005796	0.012421	-0.002918	-0.005653	-0.002005
98	-0.000025	0.001522	-0.001064	-0.002960	-0.004190	0.002035	0.004400	-0.012333	0.011033	-0.004680	-0.007884	-0.002501

99	-0.000028	0.001330	0.000291	-0.000457	-0.001980	0.004296	0.021606	0.000982	0.007362	-0.006051	0.015713	-0.004771
100	-0.000031	0.000265	-0.001229	-0.002082	-0.003106	0.003446	0.022475	-0.001047	0.006816	-0.007119	0.007455	-0.003208
101	-0.000144	-0.001911	-0.000109	-0.000505	-0.000151	0.000874	0.001354	0.002183	0.001274	0.001374	-0.002943	0.045003
102	-0.000085	-0.001370	0.000438	-0.000223	-0.000627	-0.000040	0.000624	0.001007	0.000811	0.001653	-0.001197	0.041319
103	-0.000108	-0.001508	-0.000141	0.000831	0.001670	0.001539	0.003806	0.003422	0.002410	0.001158	-0.001573	0.022211
104	-0.000139	-0.001730	-0.000602	0.000364	0.001821	0.002304	0.004635	0.004526	0.003322	0.001676	-0.001433	0.033645
105	-0.000106	0.004011	-0.000331	0.001551	0.001806	0.002367	-0.002255	0.001065	0.000003	-0.000467	-0.001265	-0.008267
106	-0.000103	0.003721	0.000049	0.001267	0.001413	0.001457	-0.001901	0.000426	-0.000033	0.000057	-0.000948	-0.008897
107	-0.000049	0.003957	-0.001610	0.000057	0.001027	0.001182	-0.002202	0.001271	-0.000384	0.000042	0.000222	-0.004563
108	-0.000130	0.003327	-0.002159	0.000979	0.001316	0.001722	-0.002154	0.001295	-0.000398	-0.000485	-0.000461	-0.005511
109	0.000075	-0.010086	-0.011502	-0.005239	0.003049	-0.026444	-0.012282	-0.021452	0.006753	-0.001903	-0.012472	-0.002241
110	-0.000065	-0.016604	0.000517	-0.007756	0.008728	-0.000892	-0.014984	0.019461	0.002418	0.002209	-0.001859	-0.000155
111	0.000039	-0.000792	-0.000095	-0.000493	-0.001955	-0.002212	-0.000385	-0.000619	-0.004267	-0.003084	-0.012900	0.009762
112	0.000022	0.003318	0.002428	0.002320	-0.000530	0.001176	0.007556	0.003410	-0.000701	-0.003404	0.028785	-0.013091
113	0.000001	0.003436	0.000535	0.001753	0.001516	0.001255	0.000180	0.001039	0.000108	0.000735	-0.001138	-0.025988
114	0.000010	-0.000881	-0.004738	-0.000450	-0.000639	-0.000251	0.001656	0.001359	0.001072	0.001213	-0.001788	-0.013605
115	0.000091	0.006667	0.018342	-0.005401	0.000094	0.008065	-0.001841	0.000173	-0.001178	0.000761	0.001407	0.001885
116	0.000044	0.007892	-0.018476	-0.003549	-0.001846	-0.000431	-0.001672	0.000224	-0.000704	0.000547	-0.000111	-0.003405
117	0.000692	-0.021161	0.003180	-0.006786	-0.003860	0.016426	-0.007898	0.001519	-0.002498	-0.005052	-0.003422	0.027878
118	0.001845	-0.004510	0.003014	-0.003415	-0.001975	0.010501	-0.003368	0.000311	-0.004567	-0.005896	-0.003204	0.013916
119	0.001090	-0.003662	0.002845	-0.003464	-0.001860	0.011140	-0.002469	0.000528	-0.005323	-0.007295	-0.004110	0.009717
120	-0.005455	0.000898	0.000700	-0.000868	-0.000719	0.002228	0.001250	0.000630	-0.000526	-0.000425	0.000170	0.001460
121	0.002196	-0.000412	-0.000365	0.000484	0.000452	-0.001008	-0.000731	-0.000348	0.000231	0.000168	-0.000155	-0.000695
122	0.003259	-0.000479	-0.000349	0.000385	0.000273	-0.001227	-0.000543	-0.000286	0.000290	0.000252	-0.000022	-0.000779
123	0.009832	0.000473	0.000761	-0.000831	-0.001170	0.000290	0.001507	0.000600	-0.000257	-0.000061	0.000099	0.001722
124	0.010052	0.000742	-0.000175	0.000224	0.000355	-0.000105	-0.000390	0.000059	0.000350	0.000255	0.000047	-0.001807
125	-0.019883	-0.001234	-0.000566	0.000603	0.000800	-0.000177	-0.001067	-0.000651	-0.000080	-0.000181	-0.000131	0.000103
126	0.008981	-0.006102	0.003446	-0.002729	-0.002184	0.010259	-0.002270	0.000365	-0.005547	-0.007040	-0.003897	0.011889
127	0.008086	0.001041	0.003526	-0.002651	-0.001658	0.008273	-0.001791	0.000025	-0.004191	-0.004988	-0.002642	0.006900
128	-0.118482	-0.000451	-0.000238	-0.000098	-0.000022	-0.000098	-0.000068	-0.000085	-0.000097	-0.000156	-0.000045	0.000434
129	-0.099120	0.000187	0.000155	0.000259	0.000266	0.000119	-0.000140	0.000015	0.000000	0.000034	0.000026	-0.000269
130	-0.099810	0.000088	0.000098	0.000116	0.000056	0.000015	-0.000021	-0.000032	0.000159	0.000252	0.000076	-0.000707
131	-0.078947	-0.000114	0.000084	0.000008	0.000008	-0.000177	-0.000343	-0.000079	-0.000145	-0.000177	-0.000171	0.000133
132	-0.080082	0.000342	0.000036	-0.000129	-0.000264	0.000100	0.000580	0.000204	0.000221	0.000257	0.000203	0.000046
133	0.472307	-0.000055	-0.000136	-0.000163	-0.000053	0.000036	-0.000003	-0.000021	-0.000133	-0.000212	-0.000091	0.000381
134	-0.000055	0.229079	-0.055610	0.057332	0.056723	-0.054956	0.028218	-0.003070	-0.003152	0.011381	0.004986	0.003021
135	-0.000136	-0.055610	0.421275	-0.052622	0.041138	0.054697	0.003889	0.021191	0.002476	0.002957	-0.005004	0.010367
136	-0.000163	0.057332	-0.052622	0.276683	-0.034215	0.041087	0.012739	-0.002143	-0.000092	0.008553	0.007762	0.016943
137	-0.000053	0.056723	0.041138	-0.034215	0.276832	-0.056331	-0.002452	-0.013374	-0.002621	-0.000143	0.006445	0.015282
138	0.000036	-0.054956	0.054697	0.041087	-0.056331	0.428155	-0.000337	0.050171	-0.015074	-0.004890	0.021802	0.010705
139	-0.000003	0.028218	0.003889	0.012739	-0.002452	-0.000337	0.248020	-0.056299	0.059568	0.058407	-0.051812	0.027006
140	-0.000021	-0.003070	0.021191	-0.002143	-0.013374	0.050171	-0.056299	0.417123	-0.055459	0.040127	0.060498	0.006084
141	-0.000133	-0.003152	0.002476	-0.000092	-0.002621	-0.015074	0.059568	-0.055459	0.273738	-0.028722	0.039727	0.012276
142	-0.000212	0.011381	0.002957	0.008553	-0.000143	-0.004890	0.058407	0.040127	-0.028722	0.272458	-0.054065	-0.002573
143	-0.000091	0.004986	-0.005004	0.007762	0.006445	0.021802	-0.051812	0.060498	0.039727	-0.054065	0.416913	-0.003727
144	0.000381	0.003021	0.010367	0.016943	0.015282	0.010705	0.027006	0.006084	0.012276	-0.002573	-0.003727	0.333652
145	0.000161	0.010796	-0.002772	0.000258	-0.003011	0.003465	-0.002429	0.020526	-0.005073	-0.013101	0.050395	-0.059579
146	0.000051	0.002645	0.001107	0.004042	0.004216	-0.000952	-0.000802	-0.000014	-0.000286	-0.000163	-0.002695	0.038085
147	-0.000007	0.009207	-0.004812	0.004619	0.005938	-0.001125	0.005920	-0.000415	0.007908	0.004223	0.004725	-0.033956
148	0.000104	0.019213	0.005363	0.008942	0.008810	-0.004387	0.001947	-0.003546	0.000737	-0.001461	0.006181	-0.064194

149	0.000251	0.023918	-0.000703	-0.000279	0.013363	0.003324	0.000545	0.010371	0.008506	0.008101	0.009251	0.039486
150	0.000062	0.003083	0.020745	0.006324	0.007577	-0.003669	0.010638	-0.004662	-0.000935	-0.003298	-0.001530	0.000289
151	-0.000057	0.009814	-0.005170	-0.000959	0.007602	0.002581	0.008926	-0.001121	0.013463	0.013904	-0.001793	-0.000815
152	-0.000016	-0.004182	-0.014065	-0.001617	-0.000533	0.002529	0.009066	-0.002073	0.013685	0.013081	-0.000984	0.020096
153	0.000097	-0.003622	0.050597	-0.012113	-0.003192	0.020190	0.009522	0.002302	-0.002818	-0.000957	-0.005350	0.008621
154	-0.000184	-0.015893	0.034902	-0.010025	-0.028025	0.058208	-0.011141	0.060519	-0.028884	-0.010673	0.037779	0.013038
155	-0.000008	0.011324	-0.003398	0.009768	0.005742	0.006295	-0.015065	0.034474	-0.012241	-0.027485	0.058314	-0.029306
156	0.000150	0.012198	0.007220	0.007292	0.009443	-0.002713	0.009172	-0.002738	0.004790	0.001714	0.001697	-0.025118
157	-0.000124	-0.018926	0.064534	-0.027686	-0.013322	0.029602	0.008461	0.006429	0.002404	0.005719	-0.002275	0.014018
158	0.000094	-0.000147	-0.002096	-0.000081	0.000238	-0.000703	0.000128	0.000952	0.000680	0.000281	-0.000367	0.000220
159	-0.000004	-0.002007	0.003854	-0.000080	-0.001895	0.001797	0.006942	0.001043	0.001434	0.001290	0.001902	0.003871
160	0.000177	-0.002605	0.002646	-0.000420	-0.002050	0.001136	0.006787	0.001055	0.001731	0.001632	0.001991	0.002467
161	0.000093	-0.000142	0.000332	-0.000306	0.000048	0.001848	-0.000270	-0.000104	-0.000366	-0.000272	0.000113	0.000303
162	0.000007	-0.001924	0.000041	-0.000986	-0.001059	-0.000544	0.001345	0.000346	0.000948	0.000923	-0.000563	-0.005342
163	0.000685	0.000086	0.010658	0.001271	-0.001854	0.002186	0.001036	-0.005635	-0.003396	-0.000904	0.003623	0.005707
164	-0.000131	0.074645	-0.066545	0.072210	-0.090676	-0.023476	0.011472	-0.014244	0.002064	0.011178	0.004793	0.027793
165	-0.000035	0.000911	0.122803	-0.048653	0.048491	-0.122275	-0.004812	-0.008456	0.003310	-0.001523	-0.004776	-0.000797
166	0.000039	-0.070764	0.023767	0.088755	-0.073303	0.069562	0.006200	0.015383	0.003344	-0.000258	-0.012780	-0.026079
167	-0.000058	-0.008544	0.005207	-0.000576	-0.003139	-0.017468	0.072612	-0.072997	0.070819	-0.084319	-0.022400	0.011298
168	-0.000011	0.003843	0.004304	0.000669	-0.004530	0.006308	-0.002456	0.121698	-0.046870	0.046231	-0.121579	-0.002414
169	0.000160	-0.009314	0.003126	-0.010699	-0.001842	0.018313	-0.074996	0.022739	0.084581	-0.071579	0.072513	0.006236
170	0.000059	-0.021206	0.010022	-0.027915	-0.024744	0.011737	0.009614	-0.007495	-0.000251	0.000598	0.016455	-0.113277
171	-0.000065	-0.002220	-0.006033	-0.010789	-0.009115	0.001180	-0.002383	-0.001008	0.001209	0.001152	0.014944	-0.120762
172	-0.000013	-0.018796	0.005296	-0.016162	-0.016960	0.004861	-0.006347	0.003036	-0.009887	-0.004760	0.008999	-0.034946
173	-0.000069	0.007542	-0.017331	0.001826	0.009882	-0.003149	0.016007	-0.005445	0.020440	0.020861	-0.003183	-0.001303
174	0.000031	-0.004077	-0.008021	0.004242	-0.000485	-0.003767	-0.000148	-0.001612	0.000290	-0.000667	0.000654	0.004822
175	-0.000026	0.010317	0.016935	0.002258	0.001195	-0.005050	-0.015467	0.004496	-0.020177	-0.020528	0.004062	-0.022099
176	0.000297	-0.026755	0.066511	0.002733	-0.053562	0.061373	-0.035949	-0.060327	-0.000927	-0.019910	-0.022851	-0.013899
177	-0.000392	0.031226	0.017456	0.021429	0.002562	0.063660	0.017457	-0.070466	0.050870	-0.001802	-0.073534	-0.020279
178	-0.000126	0.017523	-0.008771	0.010692	0.007294	0.015252	-0.010542	0.072551	0.003278	-0.052684	0.072839	-0.036148
179	0.000064	0.003221	0.004483	0.000233	-0.000072	0.010500	0.031647	0.016635	0.017787	0.001967	0.071681	0.036151
180	-0.000185	-0.001779	-0.008829	0.000241	-0.000432	-0.003647	0.016067	-0.008722	0.011343	0.008106	0.005875	0.009040
181	0.000196	-0.018387	-0.015824	-0.006219	-0.009998	0.009634	0.007382	0.002553	0.007073	0.005818	0.004152	0.053864
182	0.000134	-0.027898	-0.057848	0.000422	-0.017538	-0.016621	-0.006282	-0.005985	-0.006473	-0.007656	-0.000634	0.027359
183	0.000034	0.016575	-0.069567	0.053065	-0.003360	-0.072278	-0.017223	-0.014401	-0.008990	-0.010845	0.012708	0.008786
184	-0.000182	-0.001774	0.003480	-0.000192	-0.002107	0.001266	0.006155	0.001071	0.001253	0.001445	0.002127	0.002564
185	-0.000455	-0.002410	0.005214	0.000001	-0.002275	0.002602	0.009294	0.001436	0.001762	0.001371	0.001619	0.005710
186	-0.000009	-0.001014	-0.000919	-0.000146	0.000014	-0.001115	-0.000147	0.000020	0.000262	0.000226	0.000071	-0.001212
187	0.000480	0.004835	-0.005543	0.000558	0.002848	-0.002419	-0.010170	-0.000992	-0.001929	-0.001774	-0.002430	-0.003935
188	0.000278	0.000277	-0.002423	-0.000302	0.001557	-0.000173	-0.005477	-0.001495	-0.001441	-0.001409	-0.001546	-0.002917
189	0.001471	0.000102	0.000056	-0.000050	0.000014	0.000181	-0.000037	-0.000043	-0.000038	-0.000027	-0.000057	0.000198
190	0.000045	0.000610	0.002173	0.001764	0.000150	-0.002714	0.002475	0.002283	-0.000220	0.000636	0.003163	0.000767
191	-0.000060	0.005093	0.003189	0.003440	0.001523	0.001221	0.005078	-0.000133	0.001226	0.002657	0.002704	0.001494
192	0.000067	-0.001133	0.000008	-0.000761	-0.000652	0.003163	-0.003167	-0.000540	-0.001716	-0.002157	-0.001104	-0.000596
193	0.000034	0.001023	-0.000541	0.000681	0.000859	-0.002555	-0.001382	-0.004151	0.001087	-0.000768	-0.001889	-0.000524
194	-0.000039	-0.001491	-0.000011	-0.001022	-0.001948	0.001937	-0.000713	0.002821	-0.000627	-0.000526	-0.000086	-0.000170
195	-0.000004	-0.004108	-0.004577	-0.002330	-0.001076	-0.001955	-0.003680	0.005444	0.000509	-0.002448	-0.004220	-0.001276
196	0.000045	0.000265	0.000143	0.000516	0.000740	0.000349	-0.001125	-0.002214	0.001285	0.000818	-0.000438	-0.000423
197	-0.000041	0.000078	0.000138	0.000104	0.000200	-0.000197	0.000017	-0.000358	0.000080	0.000127	0.000217	-0.000022
198	0.000011	-0.000022	0.000031	0.000015	0.000042	-0.000249	-0.000191	0.000132	-0.000070	-0.000164	-0.000208	0.000005

199	-0.000001	-0.000158	-0.000346	-0.000288	-0.000142	0.000000	-0.000301	0.000378	0.000022	-0.000149	-0.000336	-0.000117
200	0.000025	0.000311	-0.000171	-0.001152	-0.001309	-0.000157	-0.000274	-0.000588	-0.000368	-0.000485	-0.000218	-0.000020
201	-0.000009	-0.001174	-0.000575	-0.000630	-0.000773	-0.001590	-0.003651	-0.003344	-0.001028	0.000113	-0.003074	0.000589
202	-0.000044	0.000034	0.000290	0.000225	-0.000037	-0.000155	-0.000623	0.000294	-0.000765	-0.002093	0.001998	-0.000563
203	-0.000021	-0.000079	-0.000120	-0.000067	0.000052	-0.000019	0.000309	-0.000473	0.000914	0.001241	-0.001498	-0.000455
204	-0.000013	0.000049	0.000240	0.000269	0.000032	0.000207	0.000060	0.000728	-0.000086	-0.000938	0.003815	-0.001762
205	-0.000049	0.000696	-0.000384	-0.000245	0.000656	0.001169	0.002791	0.002042	0.002281	0.001031	-0.000434	0.003195
206	-0.000037	0.000722	0.000111	0.000105	0.000038	0.000322	0.000974	0.001705	0.001115	0.001033	-0.002650	-0.000487
207	0.000017	0.000183	0.000116	0.000114	0.000029	0.000049	0.000483	-0.000090	-0.000957	-0.001386	0.000689	-0.000023
208	-0.000003	0.000003	0.000008	-0.000007	-0.000015	-0.000040	-0.000117	-0.000208	-0.000215	-0.000258	0.000167	-0.000073
209	-0.000013	0.000047	-0.000008	-0.000007	0.000000	0.000041	0.000129	0.000135	0.000111	0.000084	0.000045	0.000004
210	-0.000023	0.000059	-0.000042	-0.000017	-0.000011	0.000055	0.000100	0.000173	0.000052	0.000053	-0.000195	-0.000250
211	-0.000023	0.000361	-0.000046	-0.000058	0.000017	0.000011	-0.000189	-0.000002	0.000459	0.000688	0.000910	-0.001264
212	0.000002	-0.000690	-0.001326	-0.000364	-0.000297	-0.000021	-0.000233	0.000129	-0.000017	-0.000312	-0.000770	-0.001987
213	-0.000039	-0.000349	-0.001091	-0.000771	0.000124	0.000213	-0.000599	0.000192	0.000106	-0.000589	-0.001077	-0.003608
214	-0.000040	0.000141	-0.000041	0.000030	-0.000099	-0.000126	0.000041	-0.000037	-0.000045	0.000047	-0.000171	-0.000397
215	-0.000015	0.000588	0.000686	0.000319	0.000238	0.000290	0.000307	0.000063	-0.000076	0.000105	0.000178	-0.001197
216	0.000013	-0.000212	-0.000062	0.000175	-0.000287	-0.000241	0.000243	-0.000146	-0.000166	0.000057	0.000224	0.001178
217	-0.000016	0.000073	0.000363	0.000394	0.000546	0.000445	0.000572	0.000407	0.000240	-0.000284	0.000029	0.000221
218	-0.000007	-0.000067	0.000118	0.000053	-0.000017	-0.000080	-0.000075	-0.000077	0.000045	0.000135	0.000245	0.000767
219	-0.000018	0.000099	0.000005	-0.000019	-0.000020	-0.000003	-0.000018	0.000009	-0.000032	0.000011	-0.000023	-0.000161
220	-0.000015	0.000041	-0.000039	-0.000035	0.000002	0.000018	0.000022	0.000032	-0.000001	-0.000037	-0.000078	-0.000365
221	-0.000005	0.000045	0.000075	0.000020	-0.000033	-0.000049	-0.000004	-0.000037	-0.000043	0.000037	0.000069	0.000086
222	0.000008	0.000088	0.000017	0.000054	-0.000153	-0.000162	0.000067	-0.000184	-0.000131	0.000134	0.000064	-0.000709
223	-0.000040	0.001576	-0.003909	0.000410	0.001703	0.002913	-0.000062	0.000894	0.000428	-0.000078	-0.000351	0.000978
224	-0.000136	-0.000432	-0.002263	0.001026	0.000192	-0.000800	-0.000366	-0.000401	-0.000281	-0.000083	-0.000068	-0.000496
225	0.000091	0.000784	0.004394	-0.000743	0.000387	0.001337	0.000314	0.000391	0.000120	0.000239	0.000229	-0.000147
226	0.000013	0.001201	-0.000623	0.001662	0.001233	-0.000146	0.000271	0.000173	0.000075	0.000050	-0.000058	-0.000443
227	-0.000098	-0.002064	0.001370	-0.001934	-0.001216	-0.000489	-0.000390	-0.000669	-0.000466	-0.000030	0.000004	-0.000034
228	0.000044	0.000418	-0.000157	0.000144	0.001254	-0.000875	-0.000390	0.000507	0.000596	-0.000086	-0.000379	-0.000080
229	-0.000094	-0.000063	0.000493	0.000761	0.000550	0.000165	0.000303	0.000075	0.000088	-0.000001	-0.000017	0.000071
230	-0.000084	0.000337	-0.000212	-0.000001	0.000180	0.000330	-0.000051	0.000106	0.000012	-0.000047	-0.000076	0.000064
231	0.000024	0.000233	0.000016	0.000052	0.000146	0.000175	0.000044	0.000100	0.000032	0.000000	-0.000006	0.000029
232	0.000012	0.000052	0.000276	-0.000182	-0.000183	-0.000198	0.000014	-0.000026	-0.000031	0.000001	0.000000	-0.000042
233	0.000050	0.000937	0.001775	-0.001270	-0.000724	0.000475	0.000346	0.000423	0.000219	0.000250	0.000197	0.000090
234	-0.000053	-0.007866	-0.006956	-0.003095	0.001366	-0.000952	-0.007144	0.010186	0.004550	-0.000229	-0.005357	-0.002831
235	-0.000379	0.008231	0.006690	0.003743	-0.001512	-0.003594	0.014884	0.005662	-0.003647	0.005506	0.011749	0.004553
236	0.000204	0.000846	0.001094	0.000581	-0.000219	0.002576	0.000558	-0.001858	-0.000800	-0.000550	-0.000066	0.000245
237	0.000158	0.001342	0.001156	0.000599	0.000254	0.004200	-0.001392	-0.003987	-0.001434	-0.001593	-0.000799	0.000075
238	-0.000086	0.000398	0.000428	0.000420	0.000598	-0.002588	-0.000733	-0.002427	0.001151	0.000023	-0.000494	-0.000309
239	-0.000003	0.000076	0.000307	0.000321	0.000644	-0.001981	-0.000963	-0.001712	0.000845	-0.000155	-0.000713	-0.000276
240	-0.000041	0.000325	-0.000054	0.000037	0.000039	0.000647	0.001878	0.000950	-0.000271	0.001213	0.001656	0.000473
241	-0.000056	0.000551	0.000083	0.000297	0.000311	0.000916	0.002090	0.000832	-0.000108	0.001410	0.001833	0.000538
242	0.000034	0.000191	0.000098	-0.000295	-0.000491	0.001158	-0.001049	0.000643	-0.000795	-0.000900	-0.000929	-0.000174
243	0.000017	0.000283	0.000136	-0.000311	-0.000653	0.001984	-0.001321	0.001350	-0.000737	-0.000896	-0.001025	-0.000256
244	0.000077	-0.002274	-0.001743	-0.001110	-0.000020	-0.001250	-0.003968	-0.005486	0.000642	-0.002233	-0.003192	-0.001216
245	0.000129	-0.002080	-0.001235	-0.001181	-0.000313	-0.001147	-0.002847	-0.004215	0.000591	-0.001606	-0.002682	-0.000829
246	0.000003	0.002023	0.000552	0.000714	0.000839	0.002090	0.006674	0.004463	0.000381	-0.002491	-0.005669	0.004629
247	-0.000081	-0.001751	-0.000858	-0.001211	-0.001108	-0.002830	-0.008012	-0.005566	-0.002162	0.001615	-0.004793	-0.001752
248	0.000023	-0.000486	-0.000030	-0.000066	-0.000343	-0.000651	-0.001728	-0.001144	-0.000277	0.000830	-0.000072	-0.001274

249	0.000003	-0.000546	0.000129	0.000122	-0.000288	-0.000519	-0.001174	-0.001025	0.000042	0.000525	0.001434	-0.002235
250	0.000011	0.000045	0.000099	0.000120	0.000063	0.000165	0.000509	0.000283	-0.000173	-0.001056	0.002312	-0.000252
251	0.000025	-0.000010	0.000043	0.000085	0.000106	0.000212	0.000558	0.000477	-0.000015	-0.000782	0.001427	0.000179
252	-0.000018	0.000176	-0.000028	-0.000041	0.000156	0.000184	0.000198	-0.000034	-0.000116	-0.000015	-0.000050	0.001085
253	-0.000014	0.000156	-0.000022	-0.000032	0.000136	0.000160	0.000157	-0.000094	-0.000250	-0.000193	0.000036	0.001054
254	-0.000005	-0.000097	0.000068	0.000048	-0.000099	-0.000199	-0.000426	-0.000089	0.000097	0.000610	-0.001832	-0.001552
255	-0.000017	-0.000041	0.000065	0.000048	-0.000142	-0.000181	0.000014	0.000123	0.000188	0.000574	-0.002347	-0.001536
256	0.000022	0.000285	-0.000045	0.000077	0.000408	0.000927	0.001939	0.001463	0.001285	-0.000018	0.005102	0.000796
257	0.000048	0.000252	0.000033	0.000146	0.000277	0.000653	0.001308	0.001164	0.001011	0.000411	0.004541	0.000828
258	0.000162	-0.000145	0.001145	0.000880	0.000591	0.000460	0.000806	0.000281	0.000194	-0.000181	0.001282	0.006881
259	-0.000076	-0.001701	-0.002978	-0.001797	-0.001020	-0.000932	-0.002005	-0.000408	-0.000329	-0.000768	-0.002005	-0.006511
260	-0.000034	-0.000012	-0.000480	-0.000285	0.000112	0.000132	-0.000185	0.000143	0.000171	-0.000123	-0.000535	-0.001501
261	-0.000043	0.000352	-0.000359	-0.000302	0.000084	0.000228	0.000058	0.000226	0.000187	0.000024	-0.000455	-0.002184
262	0.000005	0.000309	0.000719	0.000398	0.000034	-0.000016	0.000175	-0.000144	-0.000150	0.000230	0.000388	0.000590
263	0.000006	0.000259	0.000656	0.000382	0.000040	-0.000014	0.000251	-0.000098	-0.000085	0.000241	0.000401	0.000898
264	-0.000002	-0.000267	-0.000520	-0.000334	-0.000136	-0.000099	-0.000258	-0.000009	0.000010	-0.000161	-0.000188	-0.000231
265	0.000002	-0.000326	-0.000583	-0.000359	-0.000135	-0.000089	-0.000288	0.000000	0.000007	-0.000203	-0.000246	-0.000305
266	-0.000004	0.000081	0.000114	-0.000028	0.000023	-0.000040	-0.000120	-0.000045	-0.000020	0.000009	-0.000068	-0.000425
267	0.000011	0.000127	0.000223	0.000017	0.000024	-0.000048	-0.000095	-0.000079	-0.000052	0.000040	0.000021	0.000023
268	-0.000028	0.001100	0.001312	0.000806	0.000119	0.000215	0.001073	0.000075	0.000029	0.000689	0.001016	0.001408
269	0.000000	0.000223	0.000754	0.000623	0.000262	0.000200	0.000586	0.000055	0.000034	0.000200	0.000385	0.001350
270	-0.000251	-0.006501	-0.004128	0.002272	-0.001351	-0.005480	-0.001427	-0.001883	-0.000735	-0.000932	-0.001021	-0.000723
271	-0.000349	0.001720	-0.008158	-0.003005	-0.002043	0.001215	-0.000357	-0.000314	-0.000507	0.000226	0.000577	0.001658
272	0.000340	0.002461	0.004529	-0.000188	0.001530	0.002358	0.000605	0.001278	0.000838	0.000216	0.000075	0.000280
273	0.000223	0.002325	0.004604	-0.000364	0.001222	0.001816	0.000662	0.001130	0.000704	0.000266	0.000115	-0.000224
274	-0.000180	0.000818	-0.001826	0.000731	0.000683	0.000789	0.000103	0.000111	-0.000082	-0.000017	-0.000024	-0.000010
275	-0.000036	-0.000117	-0.001539	0.000815	0.000290	0.000228	0.000054	-0.000138	-0.000160	0.000026	0.000039	-0.000149
276	-0.000052	-0.002379	-0.000877	0.000054	-0.001655	-0.002183	-0.000468	-0.001101	-0.000662	-0.000106	0.000073	-0.000317
277	-0.000077	-0.002133	-0.000821	0.000252	-0.001386	-0.001953	-0.000419	-0.000980	-0.000592	-0.000128	0.000035	-0.000219
278	0.000095	0.001750	0.001879	-0.000864	0.000560	0.001230	0.000470	0.000708	0.000466	0.000137	0.000092	0.000256
279	0.000068	0.001881	0.002526	-0.001290	0.000484	0.001263	0.000430	0.000808	0.000513	0.000122	0.000056	0.000269
280	0.000068	0.000853	0.003083	0.000868	0.001291	0.000586	0.000349	0.000293	0.000059	0.000025	-0.000023	-0.000462
281	0.000150	-0.000651	0.000814	0.000734	0.000399	0.000162	0.000004	0.000101	0.000162	0.000169	0.000010	-0.000352
282	0.000020	-0.002027	0.000609	0.001185	0.001266	0.010132	-0.000046	0.010630	-0.000402	0.000490	0.002484	0.000392
283	0.000001	0.000883	0.000421	0.000512	0.000929	0.001828	0.000126	-0.001657	-0.001149	-0.000290	0.000013	-0.000227
284	-0.000010	-0.000263	-0.000320	-0.000503	-0.000060	0.000582	0.001026	-0.000200	0.000161	0.000582	0.000753	0.000210
285	0.000003	0.000529	0.000004	-0.000198	-0.000238	-0.000856	0.000281	-0.001379	0.000007	-0.000132	-0.000272	-0.000186
286	0.000013	0.000488	0.000398	0.000299	0.000013	-0.000875	-0.000771	0.000450	0.000042	-0.000558	-0.000872	-0.000410
287	-0.000003	0.001170	0.000446	0.000880	0.000636	0.001384	0.000382	-0.002947	-0.001441	-0.000303	-0.000449	-0.000678
288	-0.000015	-0.000724	-0.000792	-0.000936	-0.000539	-0.000806	-0.000834	-0.001077	-0.000114	0.000206	-0.010764	0.004027
289	-0.000086	0.000121	-0.000020	-0.000045	-0.000047	0.000086	0.000627	0.000222	0.000411	0.000722	0.001408	0.000017
290	0.000048	0.000063	-0.000020	-0.000032	-0.000054	-0.000142	-0.000656	-0.000573	-0.000467	-0.000135	0.000413	-0.000019
291	0.000033	0.000080	0.000162	0.000161	0.000023	0.000042	0.000037	0.000134	0.000224	0.000131	0.001631	-0.000954
292	0.000010	-0.000019	0.000066	0.000147	0.000150	0.000297	0.000730	0.000651	0.000527	-0.000022	-0.000436	-0.000423
293	-0.000004	0.000171	0.000110	0.000157	0.000050	0.000299	0.000334	0.000632	0.000459	0.001050	0.002353	-0.000455
294	-0.000036	0.000823	0.000501	-0.000057	0.000497	0.000392	-0.000124	0.000335	0.000372	0.000284	0.000393	-0.000878
295	-0.000013	-0.000207	-0.000123	-0.000113	-0.000082	-0.000076	0.000313	0.000163	0.000241	0.000220	0.000301	0.000414
296	0.000003	0.000041	0.000211	0.000116	0.000081	0.000035	-0.000081	-0.000061	-0.000140	-0.000138	-0.000217	-0.000725
297	-0.000004	-0.000161	0.000004	0.000073	-0.000046	-0.000097	0.000006	-0.000128	-0.000145	-0.000127	-0.000067	0.000158
298	0.000001	-0.000027	-0.000271	-0.000074	-0.000050	0.000030	0.000044	0.000077	0.000052	0.000008	0.000060	0.000736

299	-0.000004	0.000035	-0.000069	0.000158	0.000045	0.000074	0.000062	-0.000040	-0.000080	-0.000132	-0.000075	-0.000204
300	-0.000088	-0.000688	-0.011248	0.000310	-0.000525	-0.002596	-0.000339	-0.000617	-0.000515	-0.000547	-0.000592	-0.001738
301	0.000029	-0.001362	-0.003567	-0.001385	-0.001144	-0.001176	-0.000419	-0.000583	-0.000108	-0.000122	-0.000127	-0.000106
302	0.000021	0.000814	-0.000063	0.000173	0.000650	0.000847	0.000108	0.000239	0.000084	0.000107	0.000071	0.000068
303	0.000062	-0.000026	0.001176	-0.000062	0.000185	0.000290	0.000032	0.000046	0.000088	0.000123	0.000137	0.000301
304	0.000086	-0.001008	0.000495	-0.000064	-0.000584	-0.000753	0.000033	-0.000313	-0.000178	-0.000037	0.000043	0.000168
305	0.000218	-0.000989	-0.002084	-0.001046	-0.000755	-0.000629	0.000003	-0.000101	0.000140	0.000152	0.000162	0.000506
306	0.000023	0.014527	0.011581	0.011096	0.001910	0.032316	-0.011090	-0.038929	-0.004817	-0.010979	-0.012174	-0.003746
307	0.000022	0.001597	0.000984	0.000692	0.000209	0.002985	-0.000107	0.000517	-0.001389	-0.000775	-0.000232	-0.000788
308	-0.000002	-0.001581	-0.000674	-0.000537	0.000295	0.001671	0.001149	0.001513	0.000589	0.000923	0.001224	0.000616
309	-0.000009	-0.000417	0.000122	0.000132	-0.000064	0.000204	-0.000691	0.002165	0.000313	-0.000028	0.000174	0.000156
310	0.000006	0.000651	0.000029	-0.000093	-0.000453	-0.001685	-0.000264	-0.000765	0.000284	-0.000261	-0.000519	-0.000094
311	-0.000005	-0.000531	-0.000565	-0.000826	-0.000198	0.000315	0.001522	-0.002090	-0.000225	0.000662	0.000662	0.000143
312	-0.000013	0.000267	0.000110	0.000632	0.000214	-0.003411	-0.001565	-0.001280	0.000421	-0.000500	-0.001258	-0.000013
313	-0.000173	0.002605	0.000266	0.001167	0.002154	0.006841	0.019726	0.014679	0.013723	0.002342	0.039496	-0.000693
314	0.000027	-0.000150	0.000088	0.000148	0.000045	0.000208	0.000960	0.000508	0.000989	0.000830	-0.001173	-0.001084
315	-0.000005	-0.000029	-0.000239	-0.000342	-0.000267	-0.000473	-0.001349	-0.000882	-0.000751	-0.000160	-0.000726	0.001534
316	0.000001	-0.000095	-0.000099	-0.000093	0.000037	0.000002	0.000257	-0.000116	-0.000063	-0.000405	-0.002313	0.000614
317	0.000020	-0.000050	0.000133	0.000144	0.000041	0.000007	0.000129	0.000202	0.000141	-0.000186	0.000690	-0.001117
318	0.000037	0.000201	0.000067	0.000069	-0.000011	-0.000026	-0.000796	-0.000501	-0.000487	0.000269	0.002326	-0.000037
319	-0.000079	0.000112	0.000043	0.000065	0.000146	0.000262	0.000744	0.000749	0.000153	-0.000340	0.001163	0.000088
320	-0.000011	-0.002130	-0.000799	-0.000086	-0.002431	-0.002704	0.002376	-0.000719	0.000616	0.002216	0.005360	0.018179
321	-0.000024	-0.000222	-0.000145	0.000032	0.000043	-0.000059	0.000155	0.000005	-0.000066	-0.000118	0.000000	0.000873
322	-0.000006	0.000238	0.000462	0.000134	0.000134	0.000054	-0.000054	-0.000015	-0.000003	0.000031	0.000029	-0.001214
323	0.000007	0.000143	-0.000132	-0.000172	0.000024	0.000105	-0.000098	0.000111	0.000132	0.000107	0.000040	0.000112
324	0.000004	-0.000146	-0.000053	0.000029	-0.000073	-0.000109	-0.000011	-0.000089	-0.000092	-0.000068	-0.000030	0.000578
325	-0.000004	-0.000098	0.000302	0.000238	0.000063	-0.000045	-0.000020	-0.000183	-0.000283	-0.000249	-0.000345	-0.001157
326	0.000023	0.000075	-0.000439	-0.000263	-0.000193	0.000049	0.000020	0.000166	0.000307	0.000291	0.000293	0.000775
327	0.000423	-0.019095	-0.039293	-0.003424	-0.013718	-0.017783	-0.001533	-0.006233	-0.001228	-0.000622	0.000606	0.004751
328	0.000164	-0.001798	-0.002093	0.000337	-0.000746	-0.001489	-0.000085	-0.000655	-0.000348	-0.000105	0.000003	-0.000086
329	-0.000085	0.001408	-0.002088	-0.000195	0.000713	0.000714	-0.000023	0.000300	0.000152	0.000002	-0.000093	-0.000366
330	-0.000065	-0.000119	-0.000263	0.000371	-0.000116	-0.000411	0.000003	-0.000097	-0.000164	-0.000105	-0.000082	-0.000259
331	0.000001	-0.000128	0.001972	0.000142	0.000167	0.000394	0.000000	0.000120	0.000093	0.000035	0.000023	0.000237
332	0.000032	0.001513	0.001565	0.000702	0.001002	0.001298	0.000299	0.000372	0.000125	0.000205	0.000207	0.000120
333	-0.000048	-0.000832	0.000954	-0.001359	-0.001001	-0.000464	-0.000189	-0.000026	0.000148	-0.000026	-0.000053	0.000361

	145	146	147	148	149	150	151	152	153	154	155	156
1	0.004213	-0.000978	-0.006969	-0.004450	0.024821	0.002593	-0.010295	-0.009576	0.002807	-0.006851	-0.009059	-0.001167
2	-0.010823	-0.003957	0.001617	0.000822	-0.028404	0.000597	0.001322	-0.001236	-0.009461	-0.002739	-0.005135	-0.004798
3	0.015855	0.004964	-0.002284	-0.003930	0.011181	-0.010127	-0.016589	-0.007366	0.015183	-0.020949	0.014507	-0.011500
4	0.027217	-0.007480	-0.008002	0.000282	0.000554	-0.010114	-0.001649	0.007910	0.013992	0.003008	0.009152	-0.011488
5	0.000970	0.003142	-0.003101	-0.008051	-0.033924	0.003809	-0.004300	0.003168	0.009664	-0.014896	0.017524	0.006562
6	0.001326	-0.001115	-0.008441	0.000269	-0.028685	-0.026174	0.001138	0.003726	0.005477	-0.009105	0.004652	-0.016701
7	-0.009826	0.001674	0.007430	-0.002962	-0.013196	0.004744	0.020753	0.020166	0.002074	0.003297	0.012628	0.012015
8	0.008439	0.001789	-0.001873	-0.003100	0.022923	-0.010896	-0.030559	-0.023052	0.002066	0.008946	0.008457	-0.009768
9	0.002016	0.001087	0.002978	0.003841	0.008121	0.006450	0.008973	0.003717	0.006001	-0.032139	0.002755	0.007123
10	0.004023	-0.000082	-0.005372	-0.006038	-0.011746	-0.011878	-0.008508	-0.000465	0.001184	0.024067	0.008843	-0.007792
11	0.012318	-0.014225	0.001157	0.004916	0.002958	0.001320	0.001325	0.003231	0.004817	-0.003739	-0.005556	-0.001695
12	-0.015459	0.022852	-0.010578	-0.017921	-0.005272	-0.003691	-0.006937	-0.006168	-0.000864	-0.002646	0.006585	-0.005615

13	0.026852	-0.006005	-0.009252	-0.003671	-0.011374	0.011755	0.027214	0.033424	0.008514	-0.008050	0.006216	0.017574
14	-0.001141	0.005926	-0.003720	-0.002857	0.051724	-0.016318	-0.034653	-0.045206	0.002328	0.003180	0.000083	-0.030498
15	-0.003378	-0.002375	-0.000944	0.003724	-0.051387	0.001970	0.043545	0.041460	0.003583	-0.005000	-0.006796	0.011345
16	0.004558	0.001695	0.000967	0.000761	0.000384	-0.002577	-0.012268	-0.008344	-0.007792	0.015610	0.005761	-0.003279
17	0.002009	0.000310	-0.006236	-0.007264	0.002655	-0.008527	-0.006699	-0.004345	-0.000590	0.008127	0.007417	-0.005928
18	-0.000006	0.000315	0.000860	0.002657	0.001287	0.003007	0.004970	0.001363	0.004902	-0.022789	-0.002922	0.002839
19	0.001982	0.001908	-0.004248	-0.007846	-0.001079	-0.002224	-0.004381	-0.002553	-0.000760	0.007439	0.011045	-0.005093
20	-0.009991	-0.002428	-0.008300	-0.018266	0.002897	-0.008482	-0.005567	0.003421	0.005275	0.007755	-0.011120	-0.010824
21	-0.003930	-0.004116	0.003888	0.006686	0.004275	0.004217	0.005558	0.004085	0.001678	-0.000425	-0.011493	0.005247
22	-0.068741	0.005593	0.018434	-0.019415	0.000193	-0.007814	-0.007819	-0.009465	-0.006591	0.007510	-0.003491	-0.000926
23	0.019523	-0.015469	0.028677	0.044440	-0.002265	-0.006003	0.012041	0.007408	0.002166	-0.010463	0.011067	0.018913
24	0.059028	-0.007954	-0.003504	0.010543	0.008429	0.010097	0.010078	0.016388	0.009711	-0.007962	0.003210	-0.002112
25	0.008521	0.005227	-0.003421	0.003214	0.097141	0.017921	-0.038919	-0.041399	0.033474	0.000064	0.005742	-0.025581
26	0.007939	0.003304	0.003083	-0.009775	-0.068472	0.004415	-0.007578	-0.009694	0.021759	-0.006584	0.007467	0.002509
27	-0.005524	-0.001647	-0.000433	0.001918	-0.078772	-0.011943	0.046854	0.039891	-0.039564	0.000295	-0.004707	0.018388
28	0.008883	-0.000884	-0.003370	-0.009331	0.016440	-0.002339	0.002479	0.003301	0.011974	-0.027119	0.014296	-0.002605
29	0.011808	0.000721	-0.008542	-0.015554	-0.005632	-0.014984	-0.011328	0.000434	0.007988	0.001862	0.014489	-0.014035
30	0.000387	-0.007254	-0.000432	-0.013929	0.012151	-0.003501	0.000658	0.007623	0.005117	0.006909	-0.025049	-0.003206
31	-0.036057	0.027665	-0.004242	-0.011346	-0.001212	-0.005500	-0.000014	0.000244	-0.000703	0.004120	-0.013891	0.000622
32	0.052661	0.011002	-0.024805	-0.001617	0.055636	-0.024795	0.030063	0.047144	0.036179	-0.013340	0.023357	-0.006472
33	0.037382	0.014411	-0.005228	-0.035361	0.096204	-0.012980	-0.031346	-0.006206	0.029521	-0.005452	0.019350	-0.032662
34	-0.000049	0.000584	0.002982	-0.001936	-0.047470	-0.000520	0.029137	0.036598	-0.021841	-0.002034	-0.000298	0.003649
35	0.006608	0.004155	-0.004077	-0.004806	0.008030	-0.013246	-0.019340	-0.017201	0.001474	0.001172	0.009784	-0.006407
36	-0.000570	-0.000138	-0.000075	0.000008	-0.001557	-0.000189	0.000228	0.000285	-0.000965	0.000213	-0.001023	-0.000075
37	-0.000971	-0.000207	0.000164	0.000146	0.000036	0.000443	0.000370	0.000287	0.000334	-0.000086	-0.001026	0.000361
38	-0.000281	0.000034	0.000308	0.000814	0.000305	0.000649	0.000328	0.000054	0.000018	-0.000990	-0.000561	0.000906
39	-0.000636	0.000257	-0.000066	-0.000165	-0.000181	0.000282	-0.000142	-0.000318	-0.000316	0.000872	0.003530	0.000106
40	0.000257	-0.002043	0.000866	0.000179	-0.000094	0.000999	0.000156	-0.000069	-0.000250	0.000923	0.001226	0.000181
41	-0.005397	-0.001713	0.002092	-0.004678	0.000330	0.000345	-0.000369	-0.000700	-0.000441	0.000718	-0.001391	-0.002913
42	-0.001594	-0.000818	0.000554	-0.001413	-0.001827	0.002954	0.002437	0.001405	-0.001785	0.000568	-0.001078	0.000738
43	-0.000545	-0.000211	-0.000117	-0.000289	0.003796	-0.000541	-0.002103	-0.002829	-0.002502	0.001066	-0.000628	-0.000789
44	0.002803	0.000414	-0.001085	-0.001601	-0.002099	-0.002697	-0.001888	0.000012	0.000626	0.007433	0.002962	-0.002146
45	0.011023	-0.001023	0.001857	-0.000639	0.000455	-0.001903	-0.000658	0.001210	0.001652	-0.002046	-0.015114	-0.002226
46	0.007305	0.005656	-0.000208	0.019186	0.002651	-0.014772	0.001496	0.001382	0.003234	-0.002104	0.003267	0.004877
47	0.002157	0.000911	-0.000672	-0.000108	0.000004	-0.000129	0.000778	-0.002736	0.014364	-0.001735	0.001596	-0.001501
48	-0.002013	-0.000710	-0.001172	-0.003949	0.004292	0.002934	0.006240	0.006161	0.003349	-0.001076	0.003050	-0.001647
49	0.000973	0.000700	0.000626	0.000525	-0.000332	-0.000344	-0.000759	-0.000641	-0.000350	0.001008	0.000968	0.000484
50	0.000554	-0.000161	-0.000858	0.000487	0.000983	-0.000559	-0.004006	-0.004254	-0.001062	0.000326	-0.003166	-0.002943
51	0.001713	0.000825	0.000590	0.001033	-0.002522	-0.001638	-0.001497	-0.000861	-0.000847	-0.000130	0.001044	0.000395
52	-0.003479	-0.001457	-0.001494	-0.003477	0.005149	0.003004	0.006768	0.006649	0.003394	-0.002484	0.002416	0.000348
53	0.002423	-0.000163	-0.000209	0.000923	-0.001119	-0.000636	-0.000993	-0.001408	-0.000787	-0.000228	-0.000324	-0.000763
54	0.000037	0.000090	0.000165	0.000103	-0.000084	0.000107	0.000258	0.000291	0.000039	0.000045	0.000321	0.000383
55	0.000045	0.000087	0.000236	0.000211	0.000243	0.000148	-0.000014	-0.000177	-0.000113	0.000575	0.000359	0.000473
56	0.000721	0.000165	-0.000284	0.000065	-0.000446	-0.000464	-0.001270	-0.000761	0.000634	-0.000708	-0.000217	-0.000241
57	-0.000074	-0.000022	-0.000029	-0.000013	0.000012	-0.000016	-0.000007	-0.000002	-0.000082	0.000016	-0.000103	-0.000020
58	-0.000161	-0.000048	0.000097	-0.000011	-0.000572	-0.000173	0.000020	-0.000027	-0.000174	-0.000045	-0.000055	-0.000173
59	-0.000196	-0.000055	-0.000058	-0.000226	-0.000181	-0.000082	0.000125	0.000118	0.000118	0.000118	0.000014	-0.000203
60	-0.000146	0.000880	-0.000317	-0.002558	-0.004217	-0.002539	0.001360	0.002952	0.000032	0.001165	0.001846	0.000602
61	0.026202	0.001497	-0.015190	0.004029	-0.027883	0.016087	-0.045477	-0.041900	0.027138	0.007260	-0.002142	-0.003335
62	0.014038	-0.011946	-0.007772	-0.007110	0.016399	0.001693	-0.005447	-0.009832	0.005726	0.003476	-0.009299	-0.014471

63	0.007153	0.004322	-0.004615	0.009941	-0.029058	0.024330	-0.043131	-0.044412	0.019558	0.000121	-0.011052	-0.001125
64	0.033270	-0.011557	-0.018154	-0.006011	0.030096	0.007504	-0.011245	-0.010258	0.018987	0.001523	-0.011379	-0.005065
65	0.001147	-0.001758	0.008701	0.005787	0.024750	-0.024047	0.038829	0.039671	-0.022115	-0.005823	0.007453	0.004854
66	-0.038267	0.008888	0.016212	0.005275	-0.030349	0.000437	0.011615	0.010176	-0.013501	-0.001305	0.008824	0.006557
67	-0.034052	-0.004054	0.011468	-0.019566	0.031007	-0.016075	0.049756	0.046711	-0.024389	-0.001764	0.006357	-0.000445
68	-0.008689	0.014591	0.009772	0.008875	-0.015605	-0.009749	0.005210	0.010001	-0.010974	-0.003755	0.011989	0.013230
69	-0.010524	0.000319	-0.002693	-0.015087	0.013023	-0.004244	0.002735	0.003172	-0.004522	0.000749	-0.004536	-0.002325
70	-0.006408	-0.000193	-0.002473	0.010196	0.014299	-0.004965	0.004888	0.001812	-0.004419	0.003426	-0.007856	0.004026
71	0.008700	-0.000213	0.006136	0.013027	0.001053	0.001094	0.003872	0.005280	0.007109	-0.005338	0.011874	0.002478
72	0.000958	0.001684	0.003230	-0.008117	-0.027425	0.003597	-0.001861	-0.000528	-0.004642	0.000011	0.003666	-0.001981
73	0.006808	0.000962	0.005877	0.006336	0.008161	0.005026	-0.011124	-0.006631	0.005374	0.010531	0.001057	0.000845
74	0.000998	0.000657	-0.000717	-0.001871	0.006541	-0.001807	-0.004096	-0.004350	-0.002702	-0.000968	0.004330	-0.000960
75	-0.000021	0.000316	-0.000591	-0.000499	0.007537	-0.000117	0.000766	-0.002188	0.001213	-0.013882	0.001376	0.000719
76	-0.002595	-0.000915	0.004133	0.005680	-0.005579	0.004056	0.006544	0.006582	0.006826	-0.015584	-0.009905	0.004217
77	0.010028	0.002500	0.001102	0.008129	-0.014948	0.000895	-0.002637	-0.005345	-0.003168	0.004958	0.026545	0.001287
78	0.001151	-0.000882	-0.002709	-0.008493	0.002385	-0.003168	-0.002998	-0.000108	0.000155	0.001948	-0.001606	-0.004649
79	-0.000673	-0.002357	-0.000496	-0.003626	0.002572	-0.001993	-0.000757	0.001327	0.000553	0.003465	-0.006697	-0.001377
80	0.018061	-0.007131	0.010020	0.033248	-0.006331	0.006413	0.007645	0.000724	0.000330	-0.006229	0.005624	0.012050
81	-0.057254	0.028044	-0.006087	-0.070534	0.001227	0.000162	-0.014168	-0.006350	-0.002104	0.012324	-0.028013	-0.020148
82	-0.015124	-0.005275	-0.006624	0.016372	-0.002753	-0.009955	0.002519	-0.002138	-0.004038	-0.001310	0.007708	0.007102
83	0.025384	-0.004002	-0.011134	0.027036	-0.000150	-0.002353	0.007147	0.004936	0.000683	-0.005987	0.010973	0.005924
84	0.043707	0.013434	-0.008986	-0.065577	-0.019388	0.033688	0.002589	0.012945	0.009566	0.000111	0.001656	-0.007907
85	-0.006016	-0.000868	-0.004916	0.030307	0.134860	-0.027678	-0.015213	-0.007564	0.006893	0.006224	-0.008126	-0.014270
86	0.003665	0.001915	0.001123	-0.007509	-0.005813	0.008812	-0.013028	-0.015060	0.018205	-0.002191	0.003026	-0.013333
87	-0.001196	-0.000359	0.002531	-0.008870	-0.057498	0.000163	0.009028	0.002971	-0.008080	-0.001768	0.000070	0.001387
88	-0.013394	-0.004312	-0.006492	0.007255	0.026372	-0.004846	0.033830	0.029789	-0.036486	0.005635	-0.013371	0.016481
89	0.002951	-0.000628	0.000105	-0.001348	0.004208	0.000955	0.000954	-0.000967	0.003579	-0.017877	0.004847	0.000463
90	-0.034158	0.009275	-0.005018	-0.005948	0.000306	-0.000996	0.000466	-0.002480	-0.003310	0.001358	-0.001862	0.000006
91	0.020897	0.003281	-0.013143	-0.010393	0.034414	0.013450	-0.012032	0.001324	0.016669	-0.001762	0.005201	-0.021865
92	-0.002926	-0.001117	0.002953	-0.002192	-0.014497	-0.005613	0.004535	0.012052	-0.030688	-0.000161	-0.001972	-0.000102
93	-0.000688	-0.000320	0.000832	0.001651	-0.002441	0.001667	0.002198	0.001804	0.001357	0.000839	-0.002521	0.001023
94	-0.000309	-0.000328	-0.000104	0.000241	-0.004101	0.000156	0.001895	0.002542	0.001316	0.000106	-0.001786	-0.000046
95	-0.000095	-0.000108	0.000185	-0.000073	-0.003682	-0.000259	-0.000319	0.001358	-0.000352	0.006217	-0.000335	-0.000574
96	0.000032	-0.000091	0.000571	0.000818	-0.003481	0.000587	-0.000235	0.000815	-0.000949	0.006882	-0.000881	0.000118
97	0.000066	0.000512	0.001744	0.004967	-0.001396	0.001973	0.001524	-0.000314	-0.000657	0.000707	0.001211	0.002803
98	-0.001260	0.000367	0.001032	0.003532	-0.000917	0.001187	0.001589	0.000537	0.000478	-0.002901	0.000291	0.001886
99	0.000547	0.001385	-0.000473	0.000723	-0.001309	0.000353	-0.000254	-0.000801	0.000104	-0.001668	0.005314	-0.000079
100	0.000376	0.000974	0.000889	0.002930	-0.001417	0.001702	0.000746	-0.000776	-0.000639	-0.001593	0.001906	0.001423
101	0.009873	-0.001512	0.005327	-0.010778	0.000998	0.004984	-0.001535	0.000562	0.001431	0.001126	-0.004108	-0.003302
102	0.006612	-0.001369	0.001734	-0.007958	0.001425	0.004747	-0.000935	0.001419	0.002439	0.000174	-0.003237	-0.003832
103	-0.014380	0.001198	0.003956	-0.015616	0.000229	0.000860	-0.003792	-0.002534	-0.000196	0.002509	-0.004985	-0.004088
104	-0.011214	0.002882	0.004790	-0.011049	0.000029	0.001570	-0.003336	-0.002334	-0.000465	0.003464	-0.006027	-0.001714
105	-0.001765	-0.000767	-0.000527	0.004952	0.006556	-0.006170	0.008615	0.006423	-0.008956	0.001448	-0.001614	0.006426
106	-0.001874	-0.001161	-0.000626	0.002409	-0.000190	-0.003253	0.006999	0.008325	-0.008860	0.000786	-0.001380	0.006616
107	0.000963	0.000159	-0.001382	0.003347	0.027565	-0.001024	-0.006377	-0.003618	0.002811	0.000616	0.000238	-0.001838
108	0.000142	0.000122	-0.000957	0.005550	0.028892	0.000135	-0.002087	-0.004031	0.006317	0.001095	-0.000401	0.000674
109	-0.002666	0.000170	-0.000177	-0.000040	-0.003484	-0.001042	-0.000702	-0.000150	-0.003570	-0.014959	-0.002515	-0.001353
110	-0.000116	0.000464	0.000112	0.001386	-0.000539	0.000033	-0.000165	0.001179	0.000136	0.039164	-0.001973	0.000861
111	0.008737	-0.005987	0.000147	0.000999	-0.000715	0.000571	-0.000293	0.000772	0.000967	-0.000266	-0.022203	-0.000961
112	0.023578	-0.002935	0.004652	0.004626	0.000151	0.000431	-0.000284	0.001530	0.002442	-0.001715	0.013536	0.000770

113	-0.003747	0.000642	0.005552	0.019660	-0.017527	0.007509	0.008745	0.005681	-0.005194	0.001985	-0.002060	0.034615
114	-0.016659	-0.003907	0.007284	-0.008615	-0.017156	-0.020182	0.002822	-0.007201	-0.010941	-0.000248	-0.003055	-0.007932
115	0.003208	0.001234	-0.001254	0.003095	0.000100	0.007229	0.003953	-0.003171	0.028613	-0.000465	0.002153	0.002492
116	-0.000230	-0.000218	-0.001562	-0.001267	0.014860	-0.002555	-0.008088	-0.008040	0.000374	0.000184	-0.000101	-0.002802
117	-0.000981	0.002072	-0.000093	-0.008997	0.006545	0.000794	-0.000733	0.000439	0.002914	0.002837	-0.000095	-0.000871
118	0.001206	0.000230	-0.000752	-0.001162	0.000916	-0.000833	-0.003944	-0.004066	-0.000794	0.000893	-0.002548	-0.003101
119	0.002022	0.000516	-0.000230	0.002128	-0.000398	-0.001356	-0.005609	-0.005497	-0.001956	0.001077	-0.002731	-0.002000
120	-0.000302	-0.000296	-0.000795	-0.001372	0.001394	0.000251	-0.000328	-0.000363	0.000135	-0.000043	-0.000528	-0.001596
121	0.000224	0.000240	0.000543	0.000780	-0.000812	-0.000115	0.000156	0.000193	-0.000086	0.000132	0.000357	0.000962
122	0.000082	0.000055	0.000247	0.000591	-0.000556	-0.000128	0.000181	0.000176	-0.000045	-0.000101	0.000163	0.000642
123	0.000214	-0.000143	-0.000827	-0.000635	0.002092	0.000409	-0.000171	0.000023	0.000956	-0.000945	-0.000412	-0.001103
124	-0.000421	-0.000082	0.000394	0.000197	-0.000889	-0.000055	0.000379	0.000051	-0.000333	0.000480	0.000132	0.000457
125	0.000194	0.000225	0.000440	0.000436	-0.001244	-0.000370	-0.000220	-0.000082	-0.000626	0.000491	0.000295	0.000632
126	0.002342	0.000500	-0.000407	0.001707	-0.000794	-0.001952	-0.006137	-0.005670	-0.002211	0.000090	-0.002944	-0.001886
127	0.001209	0.000067	-0.000860	0.000527	0.000300	-0.001366	-0.004148	-0.004036	-0.000565	-0.000447	-0.002818	-0.002101
128	0.000070	0.000025	-0.000066	0.000006	0.000086	0.000001	-0.000145	-0.000059	-0.000091	-0.000005	-0.000061	-0.000062
129	-0.000028	0.000009	0.000137	0.000140	-0.000389	-0.000120	0.000052	-0.000091	-0.000210	0.000116	-0.000035	0.000027
130	-0.000236	-0.000077	0.000024	-0.000227	-0.000209	-0.000013	0.000123	0.000066	0.000091	0.000168	0.000077	-0.000175
131	0.000013	0.000025	-0.000063	0.000032	0.000403	0.000097	0.000014	0.000024	-0.000025	-0.000407	-0.000140	0.000098
132	0.000023	-0.000032	-0.000031	-0.000054	-0.000129	-0.000025	0.000011	0.000078	0.000140	0.000306	0.000166	-0.000035
133	0.000161	0.000051	-0.000007	0.000104	0.000251	0.000062	-0.000057	-0.000016	0.000097	-0.000184	-0.000008	0.000150
134	0.010796	0.002645	0.009207	0.019213	0.023918	0.003083	0.009814	-0.004182	-0.003622	-0.015893	0.011324	0.012198
135	-0.002772	0.001107	-0.004812	0.005363	-0.000703	0.020745	-0.005170	-0.014065	0.050597	0.034902	-0.003398	0.007220
136	0.000258	0.004042	0.004619	0.008942	-0.000279	0.006324	-0.000959	-0.001617	-0.012113	-0.010025	0.009768	0.007292
137	-0.003011	0.004216	0.005938	0.008810	0.013363	0.007577	0.007602	-0.000533	-0.003192	-0.028025	0.005742	0.009443
138	0.003465	-0.000952	-0.001125	-0.004387	0.003324	-0.003669	0.002581	0.002529	0.020190	0.058208	0.006295	-0.002713
139	-0.002429	-0.000802	0.005920	0.001947	0.000545	0.010638	0.008926	0.009066	0.009522	-0.011141	-0.015065	0.009172
140	0.020526	-0.000014	-0.000415	-0.003546	0.010371	-0.004662	-0.001121	-0.002073	0.002302	0.060519	0.034474	-0.002738
141	-0.005073	-0.000286	0.007908	0.000737	0.008506	-0.000935	0.013463	0.013685	-0.002818	-0.028884	-0.012241	0.004790
142	-0.013101	-0.000163	0.004223	-0.001461	0.008101	-0.003298	0.013904	0.013081	-0.000957	-0.010673	-0.027485	0.001714
143	0.050395	-0.002695	0.004725	0.006181	0.009251	-0.001530	-0.001793	-0.000984	-0.005350	0.037779	0.058314	0.001697
144	-0.059579	0.038085	-0.033956	-0.064194	0.039486	0.000289	-0.000815	0.020096	0.008621	0.013038	-0.029306	-0.025118
145	0.424493	-0.037604	0.032680	0.053030	0.004660	0.019271	0.002596	0.004955	-0.002120	0.008399	0.051958	0.030260
146	-0.037604	0.244142	-0.012103	0.065195	0.009039	0.006014	-0.001303	0.004289	0.004557	0.000273	-0.009878	0.000947
147	0.032680	-0.012103	0.392237	-0.057794	-0.016932	-0.012081	-0.002983	-0.010516	-0.003260	0.002012	0.006140	-0.018970
148	0.053030	0.065195	-0.057794	0.363627	0.003589	0.035021	-0.014607	-0.001501	0.026170	-0.000070	0.009096	0.040507
149	0.004660	0.009039	-0.016932	0.003589	0.242449	-0.058745	0.054627	0.056563	-0.049300	0.009164	0.007362	-0.017015
150	0.019271	0.006014	-0.012081	0.035021	-0.058745	0.420669	-0.060342	0.039661	0.050478	-0.002710	-0.000185	0.048065
151	0.002596	-0.001303	-0.002983	-0.014607	0.054627	-0.060342	0.275611	-0.030746	0.038427	0.004339	0.003176	-0.028777
152	0.004955	0.004289	-0.010516	-0.001501	0.056563	0.039661	-0.030746	0.275713	-0.057357	0.003095	0.005050	-0.012194
153	-0.002120	0.004557	-0.003260	0.026170	-0.049300	0.050478	0.038427	-0.057357	0.427746	0.007169	-0.002877	0.033006
154	0.008399	0.000273	0.002012	-0.000070	0.009164	-0.002710	0.004339	0.003095	0.007169	0.355413	0.017833	-0.001469
155	0.051958	-0.009878	0.006140	0.009096	0.007362	-0.000185	0.003176	0.005050	-0.002877	0.017833	0.340585	0.005312
156	0.030260	0.000947	-0.018970	0.040507	-0.017015	0.048065	-0.028777	-0.012194	0.033006	-0.001469	0.005312	0.339165
157	-0.001782	0.003323	-0.004526	0.012129	-0.015677	0.031200	-0.013248	-0.027850	0.056233	0.014747	-0.002719	0.013724
158	-0.000244	0.000036	0.000122	-0.001032	0.000199	0.000141	0.000430	0.000379	-0.000217	-0.000555	0.000378	-0.000219
159	-0.001242	0.000359	0.001168	0.000489	-0.007246	-0.002438	-0.002442	-0.001769	-0.000999	0.003620	0.002124	-0.002301
160	-0.001720	0.000066	0.000936	-0.000329	-0.005502	-0.002133	-0.001678	-0.001035	-0.000432	0.003537	0.002085	-0.001786
161	0.001016	-0.000027	-0.000229	0.000233	0.000932	-0.000118	-0.000169	-0.000066	0.000407	0.001283	-0.000130	0.000576
162	-0.002658	-0.000541	-0.000438	-0.000653	0.004898	-0.000132	0.001164	0.001348	0.002317	-0.000036	-0.001369	-0.000671

163	0.008225	0.000733	-0.002274	0.001336	0.002941	-0.002790	-0.003620	-0.000685	0.003693	0.000862	0.002109	0.000707
164	-0.003101	0.006409	0.005755	0.012374	-0.003247	0.011967	-0.000833	-0.000897	-0.012209	-0.018690	0.010970	0.012559
165	-0.002370	0.000373	0.000101	0.002085	0.003977	0.004159	0.001234	-0.004297	0.006850	-0.012860	-0.002675	0.001902
166	0.004519	-0.005883	-0.008511	-0.009801	-0.012339	-0.004190	-0.008718	-0.001569	0.015309	0.032430	-0.010933	-0.010167
167	-0.018896	-0.000231	0.009541	-0.003323	0.015080	-0.004453	0.020564	0.019946	-0.005440	-0.036042	-0.021621	0.004312
168	-0.007286	0.001203	-0.002355	-0.001662	-0.000127	-0.001420	0.000190	-0.000170	0.002148	0.012665	-0.012183	-0.001195
169	0.016672	-0.000131	-0.007099	0.000295	-0.013718	0.005920	-0.020939	-0.019968	0.005616	0.019435	0.034625	-0.003840
170	0.057121	-0.027005	0.082825	0.071582	-0.008703	0.020274	-0.005973	-0.012989	-0.005579	-0.006606	0.040052	0.038153
171	0.118854	-0.014952	0.198380	-0.126626	-0.025145	-0.009040	0.003056	-0.013736	-0.014029	-0.002827	0.033196	-0.003951
172	0.038699	0.078038	-0.124290	0.065929	0.011873	0.014017	0.003521	0.005671	-0.005024	-0.003581	0.011029	0.027953
173	0.005929	-0.001428	-0.004733	-0.017486	0.069053	-0.069538	0.075672	-0.082323	-0.024452	0.003114	0.006481	-0.035387
174	0.003854	0.001856	-0.005771	0.003722	-0.002279	0.121983	-0.048581	0.046401	-0.126050	-0.001761	-0.000072	0.010176
175	-0.000554	-0.003649	0.012911	0.010106	-0.072842	0.024435	0.085055	-0.073787	0.070162	-0.005549	-0.005464	0.020333
176	-0.011858	-0.003244	0.000529	-0.009746	0.013246	-0.013153	0.010510	0.007316	0.010700	-0.015471	-0.015721	-0.012119
177	-0.010782	-0.000821	0.001031	0.004591	0.004589	-0.002555	0.006317	0.005210	0.006939	0.012544	-0.032410	0.005909
178	-0.055677	-0.000430	-0.009912	-0.007612	-0.007553	-0.006119	-0.007709	-0.008617	0.000281	0.035468	-0.000336	-0.006371
179	-0.062576	0.015333	-0.038917	-0.026865	-0.013234	0.001181	-0.009069	-0.010554	0.011698	0.009047	0.020685	-0.015748
180	0.070181	0.014488	-0.074424	0.030325	-0.027468	-0.064640	0.003748	-0.011959	-0.015954	-0.007536	0.014768	-0.022275
181	0.019350	0.021035	-0.024481	0.053028	0.015692	-0.076624	0.051844	-0.001810	-0.072432	0.010109	0.004608	0.000643
182	-0.008168	0.008196	-0.002684	0.023198	-0.008099	0.075576	0.004081	-0.050890	0.074421	-0.007751	-0.006087	0.036219
183	-0.001167	0.003152	0.004485	0.008737	0.030626	0.017676	0.015650	0.000286	0.063380	-0.033239	0.008305	0.011066
184	-0.001330	-0.000052	0.000804	-0.000146	-0.005207	-0.002930	-0.002023	-0.000887	0.000140	0.002654	0.001684	-0.001165
185	-0.002235	0.000396	0.001580	0.000229	-0.010018	-0.003012	-0.002980	-0.002370	-0.001395	0.004719	0.002533	-0.002987
186	-0.000274	-0.000106	-0.000134	-0.000750	0.001420	0.000457	0.000668	0.000651	0.000357	-0.000979	0.000209	0.000000
187	0.002422	-0.000117	-0.001269	0.000496	0.007913	0.002764	0.002413	0.001620	0.000361	-0.004902	-0.002954	0.002755
188	0.001472	-0.000120	-0.001024	0.000034	0.006209	0.002776	0.001969	0.001026	0.000586	-0.001616	-0.001569	0.001471
189	0.000039	0.000045	0.000001	0.000013	0.000216	0.000081	0.000044	0.000033	0.000096	0.000034	0.000063	0.000153
190	0.000890	0.000060	0.000079	0.000102	0.000000	0.000234	0.000424	0.000695	0.000959	0.001055	0.001245	0.000433
191	0.002368	0.000569	-0.000744	0.000217	0.001164	-0.000275	-0.000334	0.000907	0.001818	0.003658	0.002102	0.000949
192	-0.000916	-0.000196	0.000218	0.000154	0.000208	0.000302	0.000268	-0.000306	-0.000229	0.006335	-0.000746	0.000081
193	-0.000706	-0.000088	-0.000047	-0.000334	0.000073	0.000071	0.000137	0.000102	-0.000170	-0.012028	-0.000932	-0.000241
194	-0.000298	-0.000104	0.000065	-0.000188	-0.000145	0.000097	0.000208	0.000005	0.000023	0.006698	-0.000174	-0.000225
195	-0.002243	-0.000649	0.000546	-0.000184	-0.001716	0.000010	0.000096	-0.000455	-0.001904	-0.003098	-0.002281	-0.000664
196	-0.000397	-0.000022	-0.000182	-0.000290	0.000211	-0.000049	0.000004	0.000022	0.000025	-0.001850	-0.000195	-0.000142
197	0.000047	0.000009	0.000004	0.000013	-0.000033	-0.000048	-0.000059	-0.000076	-0.000030	-0.000256	0.000035	-0.000007
198	-0.000055	-0.000014	0.000012	0.000021	0.000028	0.000017	0.000013	-0.000002	0.000007	0.000032	-0.000063	0.000016
199	-0.000160	-0.000040	0.000049	0.000022	-0.000038	0.000011	0.000006	-0.000067	-0.000109	0.000349	-0.000183	-0.000015
200	-0.000133	-0.000053	0.000057	0.000034	0.000196	0.000169	0.000198	0.000104	0.000070	0.000920	-0.000080	0.000140
201	0.002597	-0.002339	-0.003085	-0.0000975	-0.000528	-0.000684	-0.000549	-0.000258	-0.000335	-0.001397	-0.000691	-0.000766
202	0.002776	-0.001420	-0.001490	0.000055	0.000142	-0.000202	-0.000250	0.000159	0.000318	0.000242	0.007157	-0.000019
203	-0.003485	0.000750	0.000015	-0.000581	-0.000263	-0.000544	-0.000227	-0.000285	-0.000172	-0.000495	-0.011055	-0.000443
204	0.001605	-0.001252	-0.002167	-0.000565	0.000048	-0.000186	-0.000227	0.000059	0.000113	0.000153	0.009204	-0.000145
205	-0.001592	0.001873	0.003373	0.002160	0.000634	0.001347	0.000819	-0.000194	-0.000383	0.001607	-0.001383	0.001639
206	-0.001380	0.000540	0.001039	0.001844	0.000219	0.000613	0.000304	0.000207	0.000134	0.000888	-0.003646	0.000562
207	-0.000756	-0.000834	-0.000693	-0.000188	-0.000024	0.000028	0.000065	0.000077	0.000061	-0.000027	0.000597	-0.000130
208	0.000527	-0.000221	-0.000163	-0.000104	0.000015	-0.000056	-0.000055	-0.000023	0.000026	-0.000087	0.000371	-0.000049
209	0.000193	-0.000133	-0.000092	-0.000051	0.000011	0.000006	0.000001	0.000000	0.000018	0.000053	0.000137	0.000006
210	-0.000291	0.000226	0.000372	0.000183	-0.000054	-0.000017	-0.000006	-0.000041	-0.000033	0.000078	-0.000658	0.000014
211	-0.000108	0.001744	0.001876	0.000325	-0.000012	0.000107	0.000161	-0.000097	-0.000117	0.000076	-0.000518	0.000225
212	-0.002785	-0.001069	-0.000144	0.004535	-0.002398	-0.000065	-0.000279	-0.001090	-0.002746	-0.000027	-0.001052	0.002664

213	-0.001401	-0.001052	-0.000311	0.000272	-0.003276	0.001932	-0.001445	-0.002044	-0.001283	-0.000652	-0.001061	0.002816
214	-0.001463	-0.000749	0.000958	-0.003026	0.000804	-0.001508	0.000994	0.000994	-0.000287	-0.000220	-0.000275	-0.010603
215	0.000556	-0.000699	-0.001233	0.000774	0.000666	0.003982	-0.000888	0.000354	0.001315	0.000587	0.000570	0.011119
216	-0.000088	0.000498	0.001681	-0.000826	0.000197	-0.002715	0.000709	0.000775	0.000156	0.000164	0.000074	-0.006770
217	0.002324	0.000112	0.000469	0.001850	-0.000951	-0.003529	-0.000027	0.000662	0.000818	0.000218	0.000632	-0.002648
218	0.000436	-0.000254	-0.000735	-0.000737	0.000811	0.000329	-0.001149	-0.000541	0.000199	-0.000019	0.000275	0.001340
219	-0.000111	-0.000043	-0.000120	0.000229	0.000008	0.000270	-0.000107	-0.000092	-0.000085	0.000025	-0.000039	0.000844
220	-0.000213	-0.000152	-0.000053	-0.000099	-0.000200	-0.000239	0.000057	-0.000039	-0.000035	0.000001	-0.000116	-0.000157
221	0.000393	0.000210	0.000024	-0.000272	0.000145	-0.000267	0.000121	0.000167	0.000283	-0.000004	0.000087	-0.000119
222	0.000075	0.000847	0.001504	-0.000933	-0.000357	0.000519	0.000833	0.000562	0.000096	-0.000073	0.000254	-0.001938
223	0.000170	0.000265	0.000217	0.001336	0.002385	0.003477	0.001439	0.000570	0.001091	0.001037	0.000184	0.001607
224	-0.000278	-0.000141	-0.000133	-0.000384	0.000457	-0.001042	0.000191	0.001448	-0.002760	-0.000491	-0.000202	-0.000744
225	-0.000055	-0.000071	-0.000045	0.000016	-0.001856	0.000058	-0.001098	-0.001178	0.001249	0.000650	0.000180	0.000105
226	-0.000132	-0.000091	0.000038	-0.000534	-0.000621	-0.001198	-0.000468	0.000638	-0.004540	-0.000131	-0.000162	-0.000595
227	0.000350	0.000177	-0.000414	-0.000438	-0.001818	-0.000663	-0.001320	-0.000977	0.001706	-0.000487	-0.000214	-0.000618
228	-0.000532	-0.000253	-0.000002	-0.000204	0.001737	-0.000321	-0.000255	-0.000167	0.005260	0.000226	-0.000174	0.000216
229	-0.000051	-0.000025	0.000158	0.000067	-0.000626	0.000212	0.001081	0.001473	-0.000411	0.000172	0.000078	0.000149
230	-0.000007	0.000014	0.000034	0.000130	0.000346	0.000368	0.000287	0.000134	0.000103	0.000149	-0.000009	0.000191
231	0.000016	-0.000005	0.000004	0.000017	0.000071	-0.000022	-0.000024	-0.000087	0.000334	0.000100	0.000043	0.000061
232	0.000016	-0.000005	-0.000028	-0.000040	-0.000080	-0.000170	-0.000076	-0.000131	0.000486	-0.000033	0.000002	-0.000064
233	0.000074	0.000013	0.000015	0.000062	-0.000143	-0.000060	-0.000397	-0.000569	-0.000586	0.000210	0.000204	-0.000048
234	-0.003330	-0.000764	0.000042	-0.001836	-0.003021	-0.000849	-0.000554	-0.000979	-0.002990	-0.002094	-0.003489	-0.002858
235	0.006274	0.001115	-0.000188	0.001988	0.001318	-0.000192	-0.000453	0.001081	0.003192	0.013885	0.006919	0.002671
236	0.000061	0.000024	-0.000064	0.000215	0.000463	0.000191	0.000243	0.000354	0.000562	0.006710	0.000181	0.000544
237	0.000001	0.000123	-0.000144	0.000369	0.001488	0.000481	0.000307	0.000231	0.000638	0.006511	-0.000325	0.000788
238	-0.000313	-0.000049	0.000018	-0.000226	-0.000220	-0.000064	-0.000016	-0.000118	-0.000118	-0.010260	-0.000363	-0.000315
239	-0.000350	-0.000042	0.000027	-0.000185	-0.000063	0.000026	0.000063	-0.000060	-0.000095	-0.008318	-0.000429	-0.000248
240	0.000794	0.000154	-0.000127	0.000077	0.000085	-0.000172	-0.000216	0.000059	0.000205	0.002668	0.000881	0.000090
241	0.000899	0.000190	-0.000159	0.000078	0.000138	-0.000177	-0.000229	0.000088	0.000289	0.003051	0.001008	0.000119
242	-0.000262	-0.000032	0.000037	0.000123	0.000162	0.000067	0.000030	-0.000122	-0.000062	0.005659	-0.000316	0.000117
243	-0.000280	-0.000028	-0.000005	0.000073	0.000139	0.000043	0.000006	-0.000141	-0.000031	0.008159	-0.000372	0.000078
244	-0.001914	-0.000371	0.000355	-0.000280	-0.000295	0.000344	0.000368	-0.000409	-0.001022	-0.014203	-0.002047	-0.000543
245	-0.001587	-0.000322	0.000207	-0.000400	-0.000200	0.000299	0.000449	0.000015	-0.000569	-0.011840	-0.001653	-0.000450
246	-0.004008	-0.001726	0.002490	0.003643	0.001744	0.002508	0.001286	0.000842	0.000481	0.002989	-0.004351	0.002366
247	0.011538	0.001583	0.000821	0.000363	-0.000999	-0.001415	-0.000857	-0.000588	-0.000311	-0.002579	0.005426	-0.000584
248	-0.003236	0.000008	-0.001328	-0.001480	-0.000524	-0.000755	-0.000347	-0.000057	-0.000018	-0.000913	-0.008654	-0.001124
249	-0.003515	0.000382	-0.001587	-0.001908	-0.000672	-0.001158	-0.000677	-0.000172	-0.000003	-0.001073	-0.009894	-0.001295
250	0.002353	-0.001053	-0.001224	-0.000634	0.000016	-0.000061	-0.000048	-0.000002	0.000018	0.000172	0.009161	-0.000100
251	0.001626	-0.001057	-0.001185	-0.000573	0.000110	0.000040	0.000012	0.000012	0.000000	0.000179	0.007086	0.000035
252	0.000665	0.000358	0.001341	0.001152	0.000284	0.000410	0.000227	0.000064	0.000051	0.000267	0.001873	0.000660
253	0.000552	0.000114	0.001122	0.001080	0.000262	0.000384	0.000215	0.000075	0.000056	0.000232	0.001675	0.000604
254	-0.001472	0.000958	0.000057	-0.000727	-0.000234	-0.000499	-0.000266	-0.000097	0.000005	-0.000462	-0.008664	-0.000558
255	-0.002400	0.001157	0.000265	-0.000611	-0.000274	-0.000521	-0.000272	-0.000102	-0.000011	-0.000325	-0.010893	-0.000530
256	-0.000996	-0.000311	-0.000515	0.000009	0.000240	0.000597	0.000387	-0.000017	-0.000153	0.000824	0.009456	0.000429
257	-0.001072	-0.000418	-0.000273	-0.000326	0.000049	0.000468	0.000337	0.000044	-0.000110	0.000691	0.007896	0.000162
258	0.006734	0.001655	-0.002978	0.003056	0.003037	-0.011590	-0.003985	-0.000557	0.002190	0.001529	0.002411	-0.004741
259	-0.004290	0.001066	0.003639	0.007854	-0.006370	0.002962	0.003363	-0.001851	-0.004884	-0.002752	-0.002471	0.004436
260	-0.002107	-0.001284	0.000214	-0.004245	-0.001382	0.000779	0.000777	-0.000450	-0.000954	-0.000308	-0.001014	-0.009336
261	-0.002025	-0.001403	0.000501	-0.005125	-0.000955	0.001679	0.000633	0.000060	-0.000733	-0.000121	-0.000822	-0.009254
262	0.000271	0.000114	-0.000673	0.002664	0.001912	0.002394	-0.000960	0.000557	0.001303	0.000370	0.000539	0.011910

263	0.000278	-0.000017	-0.000779	0.001803	0.001728	0.001535	-0.000762	0.000521	0.001184	0.000395	0.000551	0.009012
264	0.000365	0.000387	-0.000027	-0.000358	-0.001288	-0.000491	0.000190	-0.000797	-0.001100	-0.000280	-0.000202	-0.001514
265	0.000258	0.000265	-0.000165	-0.000316	-0.001387	-0.000660	-0.000044	-0.000968	-0.001154	-0.000284	-0.000248	-0.001748
266	-0.000430	-0.000080	0.000764	-0.001336	0.000540	-0.001133	0.000746	0.000640	0.000523	-0.000234	-0.000098	-0.007165
267	-0.000078	0.000091	0.000945	-0.001818	0.001102	-0.001731	0.000695	0.000803	0.000822	-0.000201	0.000094	-0.008659
268	0.000789	-0.000554	-0.001093	-0.001830	0.002131	0.004028	-0.000268	0.001336	0.001880	0.001116	0.000851	0.009745
269	0.000206	-0.000255	-0.000359	-0.000377	0.000953	0.002194	-0.000383	0.000712	0.000932	0.000767	0.000406	0.007247
270	-0.000038	0.000044	-0.000402	-0.001669	-0.001613	-0.001420	0.000559	0.002918	0.010810	-0.002436	-0.001250	-0.001088
271	0.000640	0.000426	-0.000179	0.002020	0.003874	0.003480	0.000759	-0.002724	-0.001791	-0.000059	0.001000	0.001250
272	-0.000308	-0.000156	0.000479	0.000891	0.001942	0.001222	0.001039	0.000026	0.000405	0.001537	0.000445	0.001130
273	-0.000421	-0.000244	0.000340	0.000342	0.000197	0.000138	-0.000167	-0.000356	-0.001101	0.001191	0.000275	0.000569
274	0.000048	0.000038	0.000030	-0.000118	-0.000496	-0.000344	0.000023	0.000713	-0.002497	0.000180	-0.000080	-0.000197
275	0.000104	0.000028	-0.000101	-0.000402	-0.001227	-0.000821	-0.000348	0.000558	-0.002025	-0.000150	-0.000150	-0.000552
276	0.000185	0.000078	-0.000351	-0.000492	-0.000880	-0.000414	-0.000489	-0.000371	-0.000894	-0.001241	-0.000233	-0.000739
277	0.000182	0.000086	-0.000274	-0.000358	-0.000579	-0.000216	-0.000219	-0.000145	-0.000695	-0.001108	-0.000193	-0.000543
278	-0.000136	-0.000086	0.000286	0.000467	0.000543	0.000240	0.000129	-0.000549	0.002266	0.000872	0.000377	0.000625
279	-0.000153	-0.000093	0.000289	0.000492	0.000470	0.000281	0.000233	-0.000432	0.003327	0.000893	0.000369	0.000708
280	-0.000102	-0.000069	0.000158	-0.000299	-0.001060	-0.000928	-0.000668	0.000007	-0.004497	0.000439	-0.000208	-0.000392
281	0.000007	-0.000049	-0.000274	-0.000869	-0.001178	-0.001213	-0.000854	0.000346	-0.003277	-0.000104	-0.000347	-0.000767
282	0.000592	0.000152	0.000330	0.000797	0.001230	0.000792	0.000455	0.000031	0.000353	0.018159	0.000111	0.000866
283	0.000006	0.000064	-0.000009	0.000087	0.000167	0.000056	-0.000037	-0.000170	0.000085	0.002625	-0.000123	0.000066
284	0.000366	0.000071	-0.000023	0.000102	0.000085	-0.000012	-0.000064	0.000019	-0.000012	0.000506	0.000452	0.000090
285	-0.000086	-0.000023	-0.000124	-0.000202	-0.000176	-0.000178	-0.000077	0.000057	0.000096	-0.000395	0.000161	-0.000154
286	-0.000466	-0.000122	-0.000017	-0.000201	-0.000319	-0.000109	0.000032	0.000005	0.000033	-0.001294	-0.000332	-0.000255
287	-0.000225	-0.000044	-0.000114	-0.000259	-0.000396	-0.000270	-0.000156	-0.000131	0.000004	-0.001417	-0.000110	-0.000357
288	-0.006691	-0.000995	-0.000119	0.000786	-0.000468	0.000301	0.000443	-0.000400	-0.000770	0.000538	-0.014653	0.000466
289	-0.001086	-0.000701	-0.000272	-0.000205	-0.000103	0.000003	0.000147	-0.000010	-0.000072	0.000390	-0.001141	-0.000183
290	-0.000357	0.000690	0.001261	0.000404	0.000046	0.000118	0.000070	0.000067	0.000046	-0.000256	0.000421	0.000232
291	0.000374	0.000308	0.000343	-0.000177	0.000023	-0.000179	-0.000080	0.000061	0.000120	-0.000175	0.000201	-0.000247
292	0.000567	-0.000431	-0.000930	-0.000432	0.000096	-0.000155	-0.000129	-0.000018	0.000059	0.000078	0.000518	-0.000119
293	-0.001189	-0.000381	-0.000342	-0.000245	-0.000035	-0.000101	-0.000050	0.000034	0.000089	0.000200	0.001918	-0.000255
294	0.003522	0.001361	-0.000493	0.005261	-0.001357	0.010503	0.001583	0.001277	0.000008	0.000482	-0.000083	0.015712
295	0.000740	0.000723	0.000988	0.000898	-0.000329	-0.000361	-0.000242	-0.000288	-0.000004	0.000109	0.000198	0.001445
296	-0.000953	-0.000496	0.000172	0.001134	0.000616	-0.000588	0.000012	0.000412	0.000567	-0.000040	-0.000144	-0.000565
297	-0.000522	-0.000418	0.000141	-0.000477	0.000048	-0.001447	-0.000423	-0.000465	-0.000118	-0.000104	0.000156	-0.000557
298	0.000460	0.000348	0.000107	-0.000171	-0.000839	-0.000067	-0.000145	-0.000835	-0.000641	0.000001	0.000122	-0.000583
299	-0.000163	0.000069	0.000923	0.001131	-0.000438	-0.001419	-0.000759	-0.000290	-0.000384	0.000030	0.000163	-0.001786
300	-0.001393	-0.000566	0.000185	-0.000900	0.001944	-0.001199	-0.001790	-0.001240	-0.010234	-0.000336	-0.000918	-0.000858
301	-0.000096	-0.000041	-0.000238	-0.000329	-0.000427	-0.000325	0.000294	0.000890	0.001212	-0.000867	-0.000250	-0.000093
302	0.000074	0.000001	-0.000006	-0.000102	-0.000623	-0.000433	-0.000445	-0.000227	0.000219	0.000290	0.000092	-0.000159
303	0.000200	0.000070	-0.000078	0.000062	-0.000308	0.000224	0.000408	0.000334	0.001296	-0.000125	0.000142	-0.000021
304	0.000138	0.000090	0.000039	0.000233	0.000305	0.000391	0.000518	0.000071	-0.000495	-0.000348	0.000076	0.000071
305	0.000345	0.000125	-0.000181	0.000034	0.000197	0.000373	0.000290	0.001299	0.002361	-0.000395	0.000184	0.000135
306	-0.004064	-0.000171	-0.000604	-0.000505	0.002083	0.001361	0.001562	0.000961	0.003603	0.005738	-0.004542	0.000918
307	-0.000372	-0.000016	-0.000124	-0.000164	-0.000125	-0.000134	-0.000046	-0.000092	0.000298	0.006733	0.000099	-0.000182
308	0.000588	0.000108	0.000104	0.000338	0.000469	0.000252	0.000085	0.000075	-0.000035	0.002150	0.000269	0.000394
309	0.000010	-0.000006	0.000080	0.000115	0.000117	0.000129	0.000089	-0.000003	-0.000025	0.001138	-0.000067	0.000092
310	-0.000159	-0.000041	-0.000067	-0.000167	-0.000133	-0.000107	-0.000021	0.000090	0.000077	-0.001689	-0.000008	-0.000098
311	0.000319	0.000088	-0.000062	0.000044	-0.000069	-0.000113	-0.000163	-0.000069	-0.000153	-0.000750	0.000468	-0.000014
312	-0.000363	-0.000127	0.000071	-0.000150	-0.000241	-0.000018	0.000060	0.000002	-0.000155	-0.007436	-0.000742	-0.000175

313	-0.025418	-0.004946	-0.010776	-0.004627	-0.000975	0.000201	0.000019	-0.001508	-0.001407	0.006967	0.015879	-0.000721
314	-0.001093	0.000138	-0.000320	-0.000557	-0.000147	-0.000461	-0.000183	-0.000142	-0.000103	-0.000005	-0.005402	-0.000466
315	-0.001809	0.000012	0.001243	0.000700	-0.000094	0.000358	0.000309	0.000030	-0.000128	0.000073	-0.001166	0.000311
316	0.000136	-0.000133	-0.000440	0.000111	0.000064	0.000093	0.000014	-0.000051	-0.000060	0.000005	-0.001180	0.000246
317	0.001171	0.000320	-0.000215	-0.000315	-0.000013	-0.000238	-0.000176	0.000002	0.000068	-0.000209	0.000655	-0.000232
318	-0.000090	0.000906	0.001724	0.000460	0.000042	0.000150	0.000079	0.000104	0.000095	-0.000203	0.001648	0.000118
319	0.001672	-0.001218	-0.001966	-0.000395	0.000141	0.000091	-0.000044	0.000053	0.000124	0.000320	0.005357	0.000020
320	0.019092	0.012085	-0.003175	0.024717	-0.005257	-0.027019	-0.001075	-0.005841	-0.002441	-0.000855	0.006287	0.009937
321	0.000780	0.000300	-0.000077	0.001648	-0.001729	0.000684	-0.000830	-0.001589	-0.000795	-0.000051	0.000326	0.004813
322	-0.000179	-0.000243	0.000295	0.001459	0.001444	0.001093	0.000434	0.001356	0.000878	0.000121	-0.000072	0.001890
323	0.000592	0.000342	-0.000429	-0.000241	-0.000561	0.001930	0.000625	0.000122	-0.000109	0.000051	-0.000168	0.001183
324	-0.000302	-0.000264	-0.000283	-0.001244	-0.000166	-0.000940	-0.000138	-0.000445	-0.000244	-0.000115	0.000009	-0.001405
325	-0.001562	-0.000861	0.000081	0.001143	0.0001315	-0.002398	-0.000742	0.000360	0.000764	-0.000102	0.000025	-0.001283
326	0.000621	0.000709	0.000427	-0.002772	-0.000292	-0.000429	0.000658	0.000199	-0.000494	0.000083	-0.000133	-0.005312
327	0.002699	0.001363	-0.000452	0.002386	0.007964	0.007400	0.009517	0.004172	0.033386	-0.008084	0.001466	0.003144
328	-0.000106	-0.000021	-0.000029	0.000068	0.000162	0.000141	0.000791	0.000601	-0.002051	-0.001039	-0.000067	-0.000320
329	-0.000283	-0.000157	-0.000024	-0.000448	-0.000705	-0.000757	-0.001114	-0.000440	-0.000612	0.000451	-0.000177	-0.000249
330	-0.000141	-0.000041	0.000119	0.000024	0.000769	-0.000073	-0.000192	-0.000605	-0.002058	0.000107	-0.000089	-0.000020
331	0.000094	0.000053	0.000002	0.000204	0.000212	0.000478	0.000557	0.000061	0.000947	0.000065	0.000088	0.000178
332	0.000197	0.000032	-0.000006	-0.000040	-0.001689	-0.000575	-0.000530	0.000095	0.001231	0.000304	0.000226	-0.000231
333	0.000243	0.000135	-0.000062	0.000197	0.001237	0.000786	0.000479	0.000274	0.002583	0.000128	0.000027	0.000646

	157	158	159	160	161	162	163	164	165	166	167	168
1	-0.003449	-0.000198	0.002991	0.002454	0.000226	-0.001125	0.001932	-0.013492	0.000880	0.014429	-0.015283	-0.000567
2	-0.007255	0.000182	-0.000538	-0.000665	-0.000088	0.000096	-0.002156	0.001534	0.000595	-0.005279	0.008504	-0.000859
3	-0.006161	0.000956	-0.002377	-0.002498	-0.000905	0.008171	-0.001819	0.012811	0.001741	0.020928	0.001782	0.005163
4	0.013863	-0.000292	0.002045	0.002248	0.002259	-0.005290	0.004511	0.006597	-0.016888	-0.006858	-0.012703	0.012252
5	0.009001	0.001993	0.003293	0.002402	-0.001501	-0.029954	-0.004250	0.009156	0.001307	0.007835	-0.029110	0.002988
6	0.014519	-0.002203	-0.001994	-0.001685	0.000347	0.026035	0.001454	-0.002284	0.005338	0.015356	-0.004122	0.000588
7	0.006302	0.003686	-0.002851	-0.001621	-0.003866	-0.000244	-0.036535	0.017480	0.001434	-0.014035	0.033896	-0.000986
8	-0.021330	0.002283	-0.006814	-0.007809	-0.003540	-0.001837	-0.018610	-0.003183	-0.051326	-0.042257	0.001932	0.003794
9	0.001782	0.000219	-0.002164	-0.002630	-0.002402	-0.003909	-0.004473	-0.019977	0.055764	0.101134	0.012371	0.001237
10	0.010715	-0.000515	0.005677	0.005827	0.001557	0.003506	0.009897	0.028718	-0.027261	-0.063458	-0.037016	0.010076
11	0.000724	-0.000753	0.005804	0.005725	0.001385	0.002387	0.006632	-0.004508	-0.000442	0.007743	0.027466	0.019239
12	-0.001042	0.003340	0.008045	0.004949	-0.001284	0.002952	-0.014065	0.003369	0.000969	-0.003162	-0.003852	-0.000139
13	0.009027	0.002026	0.003457	0.002148	-0.000801	-0.000301	-0.005495	0.001134	0.000660	0.010496	-0.008425	0.002291
14	-0.005243	-0.001322	-0.007123	-0.004821	0.000847	0.000432	0.009641	0.007002	-0.000692	-0.010159	0.006372	-0.001109
15	0.034382	-0.000833	-0.007391	-0.005471	-0.000247	-0.001750	0.001625	0.006625	0.008656	0.009322	-0.007458	-0.001549
16	-0.012669	-0.000029	0.000244	0.000178	-0.000609	0.002905	0.001956	0.017086	-0.036429	-0.073648	0.001440	0.001321
17	-0.003430	0.003086	-0.009036	-0.009378	-0.003959	-0.002595	-0.020119	-0.027986	-0.001870	-0.000406	0.022464	-0.003825
18	0.007515	-0.000998	0.004245	0.004329	0.001437	0.002997	0.007580	-0.017238	0.063165	0.072096	-0.004401	0.000910
19	0.002974	-0.000364	-0.001071	-0.001105	-0.000207	-0.002701	-0.000407	0.011007	-0.007516	-0.022816	-0.047458	-0.023173
20	0.009304	-0.000710	0.005672	0.005877	0.001652	0.002327	0.008291	0.023999	0.001044	-0.023216	0.015209	-0.001072
21	0.000371	0.000460	-0.002385	-0.002517	-0.000740	-0.002502	-0.003622	-0.003994	0.002352	0.009581	0.048121	-0.013443
22	-0.003334	0.000560	-0.000188	0.000061	0.000079	-0.002599	0.001729	0.005076	0.001337	-0.010179	0.008607	0.001007
23	0.001383	0.002740	0.006537	0.004202	-0.001694	-0.000300	-0.012476	-0.001732	-0.000906	0.007416	-0.018051	-0.002287
24	0.008291	-0.001040	-0.003169	-0.002104	0.000613	-0.003151	0.005149	-0.003027	-0.000559	0.009665	-0.012015	0.001004
25	-0.008942	0.000073	0.001478	0.001043	0.000329	0.003297	-0.000561	-0.005273	-0.002265	0.000784	0.001104	-0.000702
26	-0.001663	-0.001319	-0.004588	-0.002950	0.000185	0.000471	0.005539	-0.011315	0.001003	0.015838	-0.001640	-0.000531

27	0.015662	0.000715	0.001573	0.000779	-0.000086	0.002325	-0.003432	0.005946	0.000118	-0.001065	0.001073	-0.001273
28	0.011200	-0.001349	0.002741	0.002873	0.002004	0.001265	0.007873	0.010408	0.030466	0.063764	0.012593	-0.015456
29	0.017915	-0.002554	0.006043	0.006243	0.002255	-0.001369	0.012225	0.048914	-0.001975	-0.050116	-0.052043	0.005271
30	0.006822	-0.000441	0.000588	0.000648	0.000273	-0.004323	0.002780	0.012168	0.000975	-0.014309	0.024168	0.011604
31	0.002968	0.001518	0.002265	0.001294	-0.000446	-0.005313	-0.002777	0.012853	0.000542	-0.016818	0.001003	-0.012213
32	0.023288	-0.001396	-0.001848	-0.001147	0.000468	-0.003338	0.004951	0.003001	0.001077	0.013528	-0.015326	-0.005145
33	0.020890	-0.001873	-0.004008	-0.002725	0.002205	0.003070	0.009835	0.005642	0.002724	0.003372	-0.005577	-0.004962
34	0.010131	-0.000481	-0.000480	-0.000305	0.000212	0.005444	0.001245	0.003084	0.011403	0.008666	0.006003	-0.004225
35	-0.017881	0.001161	-0.002679	-0.003219	-0.000729	0.004466	-0.003399	0.027549	-0.028416	-0.024995	0.016517	-0.003517
36	0.001093	0.000134	-0.000397	-0.000373	-0.000153	0.000367	-0.000649	-0.003247	0.002285	0.002298	-0.000405	0.000139
37	0.000464	0.000036	-0.000205	-0.000144	0.000037	0.000463	-0.000071	-0.000999	-0.003005	-0.000397	0.000495	-0.000388
38	0.000121	-0.000072	0.000249	0.000246	0.000113	-0.000412	0.000439	-0.000133	0.000389	0.000855	0.005020	-0.002320
39	-0.000122	-0.000013	0.000387	0.000327	0.000049	-0.000356	0.000216	0.000051	-0.000274	-0.000763	-0.001454	-0.003886
40	-0.000238	0.000087	0.000319	0.000246	-0.000027	0.000028	-0.000129	-0.000562	-0.000168	-0.000114	0.001144	-0.000333
41	-0.000424	-0.000083	0.000200	0.000178	0.000010	-0.000005	0.000223	-0.000115	-0.000009	-0.000544	0.001097	0.000105
42	-0.000185	-0.000125	0.000034	0.000048	0.000060	-0.000047	0.000346	0.000181	0.000050	-0.000960	0.000255	0.000138
43	0.000048	0.000017	-0.000175	-0.000155	-0.000019	-0.000031	-0.000157	-0.000870	0.000188	-0.001292	0.000553	0.000202
44	0.002204	-0.001143	0.002972	0.002942	0.001093	0.000016	0.006284	0.005891	0.003651	-0.006539	-0.000244	0.006862
45	0.001069	0.000293	0.001276	0.000967	-0.000350	0.000139	-0.001578	0.001698	0.000171	0.001170	-0.002492	0.006028
46	0.003056	-0.000595	-0.001971	-0.001438	0.000574	0.000238	0.003335	0.001160	-0.000135	0.002137	-0.001891	-0.000241
47	-0.009876	0.000178	-0.001258	-0.001294	-0.000007	0.000001	-0.000969	0.001910	-0.006395	0.000795	-0.001804	-0.000164
48	0.002833	0.003143	-0.015016	-0.005299	-0.001329	-0.000273	-0.020794	0.003913	0.000650	0.000402	0.008979	0.000021
49	0.000889	-0.007318	0.008991	0.005088	-0.006617	-0.000268	0.005424	-0.001063	-0.000122	-0.000898	-0.001485	-0.000249
50	-0.001189	-0.007706	0.018832	0.010635	0.002060	0.000976	0.030998	-0.005726	-0.000936	0.001581	-0.006881	0.000394
51	0.001085	0.002889	0.003059	0.002045	0.002585	-0.000415	0.000773	0.001403	0.000024	-0.000458	-0.002592	-0.000178
52	0.004008	0.012140	-0.028016	-0.017940	0.002044	0.000576	-0.039475	0.004026	0.000811	-0.000019	0.011233	0.000177
53	-0.000420	0.000169	-0.002975	-0.002441	0.001091	0.000022	0.007070	0.000287	-0.000043	-0.000374	-0.001900	0.000012
54	0.000102	0.000220	-0.000075	0.000155	0.000004	-0.000026	-0.000582	-0.000036	0.000008	-0.000009	0.000371	-0.000050
55	0.000451	0.000387	0.000266	-0.000304	-0.000857	0.000053	-0.000594	-0.000105	0.000071	-0.000236	-0.000099	-0.000037
56	0.000804	-0.001250	0.003864	0.003063	-0.000102	-0.000222	0.006706	0.000117	0.000114	0.000859	-0.001269	0.000022
57	0.000040	-0.000085	-0.000194	-0.000099	-0.000106	0.000010	-0.001096	-0.000022	0.000031	0.000097	-0.000038	0.000004
58	-0.000028	-0.000119	-0.000785	-0.001389	0.005548	-0.000044	0.000618	0.000132	0.000033	-0.000093	0.000142	0.000001
59	0.000118	0.000311	0.000226	0.001544	-0.005576	-0.000024	-0.001588	0.000214	-0.000037	-0.000062	0.000101	0.000035
60	0.001035	-0.000667	-0.002850	-0.002354	-0.000962	-0.001621	0.000293	0.001800	-0.000631	-0.001086	0.001907	0.000701
61	0.009649	-0.014507	-0.003223	0.000922	0.004003	-0.024709	0.065449	-0.011052	0.001898	0.015806	-0.073243	-0.000049
62	-0.001952	0.010280	0.002264	-0.002275	-0.002605	0.026004	-0.048052	-0.058249	-0.002014	0.050845	-0.012733	0.002273
63	-0.003499	0.010803	0.006799	-0.000282	-0.001438	0.019883	-0.045398	-0.021641	-0.000924	0.011091	-0.061006	0.000564
64	0.004040	-0.011673	-0.001898	0.003501	0.004096	-0.021477	0.055493	-0.060162	0.001607	0.062714	-0.028167	0.000660
65	0.000840	0.000555	-0.038865	-0.026197	0.011940	-0.025636	0.042909	0.031307	0.001567	-0.015964	0.056072	-0.001153
66	-0.005063	0.006085	0.011899	0.006433	-0.015763	0.024471	-0.063244	0.056897	-0.000831	-0.053114	0.034319	-0.001083
67	-0.007057	0.003228	0.035403	0.025622	-0.014597	0.030689	-0.063454	0.000782	-0.002883	-0.010382	0.078851	-0.000045
68	0.003218	-0.004750	-0.012575	-0.007861	0.014395	-0.029222	0.056442	0.061756	0.001517	-0.060799	0.006021	-0.001799
69	0.000971	-0.000188	0.000180	0.000044	-0.000393	-0.000859	-0.003981	0.013183	0.001915	-0.004799	0.004383	0.006831
70	-0.000599	-0.000116	-0.001283	-0.000790	0.000076	0.000390	0.003400	0.007803	0.005610	-0.014382	-0.006944	0.008637
71	0.005038	0.000140	0.000273	0.000164	0.000287	0.000866	-0.002400	-0.000643	0.000754	0.002041	0.002678	-0.007390
72	-0.006147	0.000629	0.000468	0.000412	-0.000338	-0.000363	0.000483	-0.006653	-0.008335	0.004396	0.015882	-0.008445
73	-0.007659	-0.000838	-0.000225	0.000099	0.000693	-0.001157	0.002530	0.014973	-0.007955	-0.029653	-0.019674	0.007882
74	-0.008050	0.000477	-0.001565	-0.001933	-0.001154	-0.003299	-0.004474	0.004368	-0.022661	-0.006044	0.007936	-0.003890
75	-0.003730	0.000554	-0.001761	-0.002216	-0.001080	-0.003469	-0.005637	-0.013060	0.000539	0.035522	0.005149	-0.003938
76	0.015004	-0.001823	0.006418	0.006473	0.001788	0.007972	0.012943	0.005975	0.046774	0.034681	-0.014172	0.013644

77	-0.002265	-0.000394	-0.001288	-0.000764	0.000938	-0.007637	0.004257	-0.008856	-0.023777	-0.012101	-0.022936	-0.039243
78	0.002083	-0.000219	0.002012	0.002082	0.000266	0.003148	0.002837	0.008284	-0.000583	-0.013652	-0.029507	0.029918
79	0.001274	-0.000264	0.001492	0.001677	0.000315	0.002905	0.003490	0.004633	0.002444	-0.005711	0.006329	0.033505
80	-0.005403	0.000799	0.000393	-0.000666	-0.000720	0.002143	-0.007581	-0.021628	-0.004804	0.022842	0.036069	-0.032458
81	-0.000573	-0.000401	0.002427	0.002062	0.000123	0.008352	0.000052	0.012390	0.003141	-0.014979	0.023074	0.008921
82	-0.001957	0.001041	0.001877	0.001078	-0.000470	-0.002170	-0.004288	0.000089	0.000318	-0.000629	-0.004611	-0.002803
83	0.000923	0.001033	0.002364	0.001356	-0.000490	-0.001360	-0.005102	-0.003156	-0.000338	0.005599	-0.010901	-0.002848
84	0.004039	-0.001038	-0.005681	-0.003982	0.001204	0.003168	0.008345	-0.006286	-0.000653	0.009332	0.011849	0.004692
85	-0.000611	-0.000805	0.000426	0.000684	0.000173	-0.002828	0.002773	0.018510	-0.001935	-0.021622	-0.004118	0.001867
86	0.002457	-0.000181	-0.002277	-0.001507	0.000066	0.001826	0.002157	-0.005334	0.001196	0.006509	0.000292	-0.001078
87	0.009084	-0.000265	-0.001986	-0.001252	0.000207	0.002432	0.003161	-0.001534	0.002088	0.005616	0.000795	-0.001274
88	0.010456	0.000771	-0.002226	-0.002613	-0.000437	-0.008437	-0.006308	0.019493	0.003382	-0.017197	0.001232	0.000837
89	0.004891	-0.000257	0.000456	0.000427	0.000088	0.000007	-0.000422	-0.000818	0.001533	0.020053	-0.021138	-0.001829
90	-0.003153	0.000136	-0.000414	-0.000140	0.000142	-0.002458	0.000690	-0.003445	0.001341	-0.002025	0.010532	0.001115
91	0.006776	-0.000052	-0.000152	-0.000119	0.000251	0.000200	-0.000030	-0.002087	0.001616	0.003015	-0.003244	-0.002341
92	0.001416	0.000031	0.000007	0.000084	-0.000198	0.002553	0.000418	0.015372	-0.003821	-0.008930	0.002232	-0.002163
93	0.002646	-0.000309	0.000774	0.000969	0.000583	0.002051	0.002542	0.001127	0.009386	0.000015	-0.004819	0.002022
94	0.005339	-0.000169	0.000790	0.000963	0.000569	0.001246	0.001935	-0.005325	0.013160	0.006238	-0.003118	0.001870
95	0.001965	-0.000218	0.000492	0.000724	0.000452	0.001274	0.002374	0.005166	-0.000974	-0.015981	-0.001811	0.001614
96	0.001394	-0.000330	0.001216	0.001434	0.000629	0.002165	0.003210	0.005369	0.001784	-0.021570	-0.003424	0.002197
97	-0.001598	0.000105	-0.001036	-0.001087	-0.000120	-0.002002	-0.001428	-0.004931	0.000080	0.006469	0.011955	-0.013881
98	-0.000464	0.000121	-0.000964	-0.000980	-0.000150	-0.001138	-0.001438	-0.003335	0.000531	0.007211	0.018152	-0.016434
99	-0.000086	0.000069	-0.000715	-0.000788	-0.000147	-0.001100	-0.001553	-0.001162	-0.001267	0.001874	-0.004514	-0.018824
100	-0.001297	0.000190	-0.000802	-0.000920	-0.000163	-0.001823	-0.001919	-0.003683	-0.001147	0.003841	-0.000206	-0.015558
101	0.000481	-0.000536	-0.000890	-0.000460	0.000280	0.001200	0.002389	-0.000365	-0.000114	0.000096	0.002898	0.001568
102	0.001354	-0.000506	-0.001000	-0.000620	0.000191	0.000989	0.001870	0.000043	-0.000218	0.000746	0.001720	0.001190
103	-0.000441	-0.000445	-0.000960	-0.000526	0.000216	0.000603	0.002292	0.001920	0.000169	-0.002674	0.004658	0.001395
104	-0.000453	-0.000589	-0.001411	-0.000836	0.000276	0.000760	0.002825	0.001199	0.000168	-0.002871	0.006181	0.001468
105	-0.001889	0.000092	0.001154	0.000751	-0.000027	-0.001021	-0.001143	0.002784	-0.000683	-0.003675	-0.000038	0.000526
106	-0.000702	0.000094	0.001098	0.000739	-0.000041	-0.000793	-0.001051	0.002541	-0.000501	-0.002922	-0.000046	0.000554
107	-0.004192	0.000108	0.001146	0.000806	-0.000048	-0.001129	-0.001295	0.000163	-0.000861	-0.002420	-0.000483	0.000669
108	-0.004382	0.000151	0.000871	0.000465	-0.000158	-0.001328	-0.001853	-0.001387	-0.001148	-0.003167	-0.000677	0.000608
109	-0.005505	-0.000119	-0.000191	-0.000074	-0.000052	0.000354	0.001235	-0.000078	0.008326	-0.005597	0.025141	-0.007855
110	0.000911	0.000365	-0.000193	-0.000282	-0.000010	-0.000361	-0.000796	0.000521	-0.010116	-0.013801	-0.004732	0.009938
111	-0.000005	-0.000388	-0.000589	-0.000488	-0.000111	0.001102	0.000396	-0.000330	-0.000125	0.002714	0.002374	0.008639
112	0.003250	0.000239	0.000929	0.000554	-0.000027	0.001403	-0.001159	0.003389	-0.001121	-0.000307	-0.012142	-0.009326
113	-0.001543	-0.000071	-0.000238	-0.000099	-0.000364	-0.000225	-0.000296	0.003228	-0.000458	-0.003100	0.000906	0.001141
114	-0.005011	0.000120	0.000353	0.000189	0.000123	0.000015	0.000337	-0.000939	-0.001128	-0.000079	0.002407	0.001181
115	0.019336	-0.000036	-0.000782	-0.000704	-0.000098	-0.001488	-0.001241	-0.017528	0.012586	0.014236	-0.001345	0.001167
116	-0.030004	0.000022	0.000809	0.000654	0.000309	-0.001096	0.000719	0.003116	-0.009167	-0.006046	-0.001031	0.000934
117	0.000562	-0.017246	0.047091	0.037905	-0.006485	0.000843	0.034570	-0.010526	-0.001117	0.002668	-0.003922	-0.000167
118	-0.001167	-0.011629	0.020959	0.013573	-0.000628	0.000113	0.032472	-0.005322	-0.000872	0.001309	-0.007264	0.000221
119	-0.002111	-0.009837	0.024055	0.014980	-0.002043	0.000357	0.026238	-0.005679	-0.000976	0.001240	-0.008677	0.000211
120	0.000247	-0.001466	0.001892	0.001360	0.000545	0.000068	0.002127	-0.001268	-0.000240	0.000590	-0.000710	0.000151
121	-0.000056	0.001122	-0.001474	-0.000588	-0.000372	-0.000008	-0.000835	0.000714	0.000129	-0.000469	0.000327	-0.000087
122	-0.000187	0.001145	-0.002660	-0.001687	0.000177	-0.000058	-0.001273	0.000549	0.000112	-0.000126	0.000379	-0.000063
123	0.000423	-0.000895	0.002376	0.003258	0.000636	0.000218	-0.000353	-0.000694	-0.000078	0.001205	-0.000150	0.000205
124	0.000071	-0.000174	-0.000691	0.000069	-0.001352	-0.000142	-0.001282	0.000467	0.000070	-0.000659	0.000587	-0.000087
125	-0.000502	0.000564	0.000237	0.000477	-0.000803	-0.000078	0.001634	0.000233	0.000006	-0.000533	-0.000426	-0.000120
126	-0.002448	-0.006152	0.021208	0.013771	0.002753	0.000528	0.029476	-0.005114	-0.001167	0.002140	-0.009295	0.000374

127	-0.000019	-0.0003940	0.014783	0.008495	0.002577	0.000421	0.015898	-0.003771	-0.000443	0.001097	-0.006796	0.000268
128	-0.000171	-0.000281	0.001178	-0.000304	0.000401	0.000011	0.000179	-0.000221	0.000014	0.000072	-0.000218	-0.000010
129	0.000209	0.004073	0.006691	-0.009931	0.020016	-0.000019	0.002590	0.000243	0.000026	-0.000261	-0.000025	0.000004
130	0.000029	-0.003894	-0.007588	0.009758	-0.020475	-0.000056	-0.002140	0.000096	-0.000013	0.000005	0.000153	-0.000013
131	0.000085	0.001895	-0.002641	-0.007968	0.000415	0.000012	-0.001744	-0.000147	0.000133	0.000054	-0.000067	-0.000010
132	-0.000029	-0.001879	0.002387	0.008232	-0.000397	0.000047	0.000395	0.000156	-0.000125	0.000097	0.000216	0.000042
133	-0.000124	0.000094	-0.000004	0.000177	0.000093	0.000007	0.000685	-0.000131	-0.000035	0.000039	-0.000058	-0.000011
134	-0.018926	-0.000147	-0.002007	-0.002605	-0.000142	-0.001924	0.000086	0.074645	0.000911	-0.070764	-0.008544	0.003843
135	0.064534	-0.002096	0.003854	0.002646	0.000332	0.000041	0.010658	-0.066545	0.122803	0.023767	0.005207	0.004304
136	-0.027686	-0.000081	-0.000080	-0.000420	-0.000306	-0.000986	0.001271	0.072210	-0.048653	0.088755	-0.000576	0.000669
137	-0.013322	0.000238	-0.001895	-0.002050	0.000048	-0.001059	-0.001854	-0.090676	0.048491	-0.073303	-0.003139	-0.004530
138	0.029602	-0.000703	0.001797	0.001136	0.001848	-0.000544	0.002186	-0.023476	-0.122275	0.069562	-0.017468	0.006308
139	0.008461	0.000128	0.006942	0.006787	-0.000270	0.001345	0.001036	0.011472	-0.004812	0.006200	0.072612	-0.002456
140	0.006429	0.000952	0.001043	0.001055	-0.000104	0.000346	-0.005635	-0.014244	-0.008456	0.015383	-0.072997	0.121698
141	0.002404	0.000680	0.001434	0.001731	-0.000366	0.000948	-0.003396	0.002064	0.003310	0.003344	0.070819	-0.046870
142	0.005719	0.000281	0.001290	0.001632	-0.000272	0.000923	-0.000904	0.011178	-0.001523	-0.000258	-0.084319	0.046231
143	-0.002275	-0.000367	0.001902	0.001991	0.000113	-0.000563	0.003623	0.004793	-0.004776	-0.012780	-0.022400	-0.121579
144	0.014018	0.000220	0.003871	0.002467	0.000303	-0.005342	0.005707	0.027793	-0.000797	-0.026079	0.011298	-0.002414
145	-0.001782	-0.000244	-0.001242	-0.001720	0.001016	-0.002658	0.008225	-0.003101	-0.002370	0.004519	-0.018896	-0.007286
146	0.003323	0.000036	0.000359	0.000066	-0.000027	-0.000541	0.000733	0.006409	0.000373	-0.005883	-0.000231	0.001203
147	-0.004526	0.000122	0.001168	0.000936	-0.000229	-0.000438	-0.002274	0.005755	0.000101	-0.008511	0.009541	-0.002355
148	0.012129	-0.001032	0.000489	-0.000329	0.000233	-0.000653	0.001336	0.012374	0.002085	-0.009801	-0.003323	-0.001662
149	-0.015677	0.000199	-0.007246	-0.005502	0.000932	0.004898	0.002941	-0.003247	0.003977	-0.012339	0.015080	-0.000127
150	0.031200	0.000141	-0.002438	-0.002133	-0.000118	-0.000132	-0.002790	0.011967	0.004159	-0.004190	-0.004453	-0.001420
151	-0.013248	0.000430	-0.002442	-0.001678	-0.000169	0.001164	-0.003620	-0.000833	0.001234	-0.008718	0.020564	0.000190
152	-0.027850	0.000379	-0.001769	-0.001035	-0.000066	0.001348	-0.000685	-0.000897	-0.004297	-0.001569	0.019946	-0.000170
153	0.056233	-0.000217	-0.000999	-0.000432	0.000407	0.002317	0.003693	-0.012209	0.006850	0.015309	-0.005440	0.002148
154	0.014747	-0.000555	0.003620	0.003537	0.001283	-0.000036	0.000862	-0.018690	-0.012860	0.032430	-0.036042	0.012665
155	-0.002719	0.000378	0.002124	0.002085	-0.000130	-0.001369	0.002109	0.010970	-0.002675	-0.010933	-0.021621	-0.012183
156	0.013724	-0.000219	-0.002301	-0.001786	0.000576	-0.000671	0.000707	0.012559	0.001902	-0.010167	0.004312	-0.001195
157	0.348569	-0.000581	-0.001111	-0.001118	-0.000471	0.001084	0.003454	-0.031765	0.013317	0.024534	0.004816	0.002019
158	-0.000581	0.420622	-0.224243	-0.067354	0.134128	0.000387	-0.009718	-0.000584	-0.000189	-0.000191	0.001263	0.000074
159	-0.001111	-0.224243	0.708124	0.256406	-0.098121	-0.000513	-0.005310	0.001415	-0.000317	0.001506	0.001088	-0.000261
160	-0.001118	-0.067354	0.256406	0.577372	-0.202638	-0.000171	-0.000228	0.000712	-0.000313	0.001786	0.001592	-0.000241
161	-0.000471	0.134128	-0.098121	-0.202638	0.398340	0.000286	0.002660	-0.000144	-0.000163	-0.000592	-0.000956	-0.000048
162	0.001084	0.000387	-0.000513	-0.000171	0.000286	0.027485	0.004061	-0.001779	0.000145	0.002178	0.002138	0.000206
163	0.003454	-0.009718	-0.005310	-0.000228	0.002660	0.004061	0.013303	0.004528	0.000798	0.001303	-0.007316	-0.000793
164	-0.031765	-0.000584	0.001415	0.000712	-0.000144	-0.001779	0.004528	0.282574	-0.131077	0.051074	0.003006	-0.000894
165	0.013317	-0.000189	-0.000317	-0.000313	-0.000163	0.000145	0.000798	-0.131077	0.275905	-0.129810	0.004978	-0.002514
166	0.024534	-0.000191	0.001506	0.001786	-0.000592	0.002178	0.001303	0.051074	-0.129810	0.287782	0.003713	0.006643
167	0.004816	0.001263	0.001088	0.001592	-0.000956	0.002138	-0.007316	0.003006	0.004978	0.003713	0.281853	-0.130135
168	0.002019	0.000074	-0.000261	-0.000241	-0.000048	0.000206	-0.000793	-0.000894	-0.002514	0.006643	-0.130135	0.274392
169	-0.004468	-0.000402	-0.000906	-0.001516	0.000867	-0.001673	0.002086	-0.016647	0.000275	0.003683	0.043666	-0.131444
170	-0.006871	-0.000188	-0.000144	0.000455	0.000248	0.002090	-0.001876	-0.040446	0.000662	0.037919	-0.006751	-0.006288
171	-0.012240	0.000178	-0.000551	-0.000113	-0.000009	0.000892	-0.001461	-0.017520	-0.000834	0.013866	-0.000745	-0.004089
172	-0.002256	0.000099	-0.001878	-0.001206	0.000344	0.001157	0.001456	-0.023666	-0.000638	0.025060	-0.014779	0.000150
173	-0.021902	0.001217	-0.003185	-0.002222	-0.000264	0.001120	-0.006669	0.003833	-0.000386	-0.013944	0.030808	-0.000180
174	-0.012789	0.000023	0.000171	0.000097	-0.000048	-0.000394	-0.000173	0.006002	-0.002978	-0.001703	-0.000010	-0.000743
175	0.034983	-0.000926	0.001795	0.000761	-0.000086	-0.002441	0.001257	0.000521	0.006011	0.001520	-0.030078	-0.000226
176	0.028384	0.000851	-0.005021	-0.004733	-0.001073	0.001344	-0.008627	-0.002461	-0.033022	0.079509	-0.001790	-0.010007

177	0.011625	-0.000838	0.001998	0.002065	0.000677	0.000999	0.005928	0.008648	-0.010883	-0.005926	0.078407	-0.027583
178	-0.006457	-0.000763	-0.001455	-0.001092	0.000747	-0.000818	0.005786	0.007053	-0.004726	-0.011316	-0.001278	-0.032237
179	0.006304	0.000138	0.004550	0.003821	-0.000600	0.001572	-0.004353	-0.001298	-0.001979	0.002417	-0.000196	-0.012587
180	-0.008419	0.001638	0.002749	0.002238	-0.000620	-0.002953	-0.008296	0.001580	-0.002168	-0.000183	0.010149	-0.002801
181	-0.030146	-0.000789	0.000686	0.000571	0.000408	-0.002628	0.006618	-0.007341	-0.006803	0.004782	0.009268	-0.001577
182	-0.001748	-0.000397	0.001656	0.001861	-0.000309	0.001412	0.006103	-0.000423	-0.010828	0.001156	-0.008788	-0.002504
183	0.003756	0.000303	-0.004910	-0.004596	0.000682	-0.000774	-0.002514	0.078643	-0.030906	-0.003123	-0.011989	-0.006009
184	-0.000429	-0.012366	0.014557	0.117993	-0.008189	0.000088	0.002698	0.001136	-0.000343	0.001959	0.000903	-0.000140
185	-0.001484	-0.331701	0.637993	0.342365	-0.241019	-0.000766	-0.006949	0.001766	-0.000328	0.001804	0.001649	-0.000188
186	0.000412	0.127672	-0.137580	0.080364	-0.086320	0.000172	0.002940	-0.000739	0.000191	0.000410	0.000730	-0.000007
187	0.000914	0.255149	-0.450931	-0.570460	0.350035	0.000517	-0.007581	-0.000754	0.000035	-0.002724	-0.001891	0.000315
188	0.000580	-0.002768	-0.114649	0.004214	0.008190	0.000054	0.009067	-0.001609	0.000421	-0.001498	-0.001494	0.000039
189	0.000201	-0.002770	0.002705	0.020432	0.002122	0.000000	0.000570	0.000119	-0.000059	-0.000114	-0.000058	0.000016
190	0.000885	-0.000553	0.000770	0.000801	0.000361	0.000111	0.002852	0.000563	-0.002203	0.005194	-0.001460	0.000619
191	0.002607	0.000024	0.000623	0.000535	0.000009	-0.000025	-0.000002	0.004642	-0.000935	-0.000427	0.000011	0.000958
192	-0.000291	0.000371	-0.001258	-0.001212	-0.000407	-0.000023	-0.002154	-0.002123	-0.000317	0.000199	0.000461	-0.001284
193	-0.000482	0.000097	-0.000565	-0.000547	-0.000150	0.000047	-0.000602	0.000802	-0.000398	0.001922	0.002139	-0.001180
194	0.000027	0.000019	-0.000252	-0.000244	-0.000094	0.000081	-0.000166	-0.001354	0.000540	-0.001343	0.000552	0.000070
195	-0.002904	0.000215	-0.001295	-0.001180	-0.000198	-0.000027	-0.000974	-0.003165	0.000766	0.001093	0.007815	-0.001424
196	0.000212	0.000079	-0.000449	-0.000378	0.000047	0.000020	-0.000377	0.000272	-0.000259	0.000057	-0.001260	0.000651
197	0.000040	-0.000013	0.000244	0.000222	0.000038	0.000010	0.000154	0.000064	-0.000030	0.000114	-0.000601	0.000134
198	-0.000007	0.000046	-0.000176	-0.000178	-0.000081	0.000009	-0.000316	-0.000043	-0.000032	0.000220	0.000319	-0.000107
199	-0.000134	0.000042	-0.000210	-0.000195	-0.000064	0.000003	-0.000265	-0.000206	0.000201	-0.000442	0.000375	-0.000004
200	-0.000128	0.000071	-0.000535	-0.000491	-0.000094	0.000024	-0.000482	-0.000499	0.001256	-0.001652	0.000805	-0.000550
201	-0.000924	-0.000038	-0.000289	-0.000167	-0.000001	0.000076	0.000006	-0.000787	0.000129	0.001389	0.000010	0.001702
202	0.000247	-0.000007	0.000237	0.000217	0.000086	-0.000042	0.000304	0.000312	0.000044	0.000072	-0.001077	0.000378
203	-0.000236	-0.000079	-0.000475	-0.000416	0.000075	0.000058	0.000444	-0.000134	0.000038	-0.000074	0.000767	-0.000881
204	0.000084	-0.000202	-0.000619	-0.000431	0.000103	-0.000045	0.000573	0.000399	-0.000089	-0.000113	-0.001633	-0.000814
205	0.000379	-0.000097	0.001173	0.001081	0.000125	-0.000055	0.000538	-0.000305	0.000014	-0.001016	0.003315	-0.000477
206	0.000412	-0.000120	0.000734	0.000517	-0.000140	-0.000047	-0.000445	0.000159	0.000011	-0.000087	0.000674	-0.001093
207	0.000141	-0.000064	-0.000219	-0.000182	-0.000024	-0.000043	-0.000003	0.000229	-0.000023	-0.000106	-0.000260	0.001283
208	0.000012	-0.000032	-0.000166	-0.000131	0.000005	-0.000002	0.000072	-0.000009	0.000005	0.000032	-0.000109	0.000122
209	0.000009	-0.000067	-0.000097	-0.000065	0.000023	0.000009	0.000141	-0.000021	-0.000004	-0.000003	0.000039	-0.000114
210	-0.000026	0.000035	0.000285	0.000249	0.000043	0.000008	0.000086	-0.000050	-0.000010	0.000008	0.000002	-0.000010
211	0.000032	-0.000068	-0.000228	-0.000274	0.000221	-0.000008	0.001124	-0.000067	0.000006	-0.000022	-0.000021	-0.000434
212	-0.001187	0.000015	0.000265	0.000187	-0.000071	0.000218	-0.000021	-0.000674	-0.000264	0.000290	0.000070	0.000042
213	-0.001079	0.000047	0.000172	0.000135	-0.000020	-0.000188	-0.000292	-0.001331	0.000082	-0.000071	0.000186	-0.000004
214	-0.000242	0.000081	0.000175	0.000126	-0.000054	-0.000136	-0.000475	-0.000067	0.000007	0.000176	-0.000010	0.000071
215	0.000718	0.000179	0.000477	0.000324	-0.000195	-0.000161	-0.000917	0.000640	0.000001	-0.000383	-0.000068	0.000010
216	0.000042	-0.000019	0.000008	-0.000030	-0.000070	0.000053	-0.000049	0.000261	-0.000182	0.000336	-0.000237	0.000006
217	0.000032	-0.000205	-0.001001	-0.000734	0.000258	-0.000026	0.001307	0.000548	0.000030	-0.000778	0.000302	-0.000076
218	0.000119	0.000010	0.000144	0.000105	-0.000020	-0.000247	-0.000052	0.000099	0.000006	0.000035	0.000075	-0.000017
219	0.000047	0.000033	0.000031	0.000011	-0.000031	0.000003	-0.000139	-0.000024	-0.000007	0.000026	-0.000023	0.000018
220	-0.000086	0.000050	0.000106	0.000074	-0.000026	-0.000016	-0.000168	-0.000059	0.000002	0.000000	0.000011	0.000007
221	0.000123	-0.000007	-0.000062	-0.000062	-0.000012	-0.000009	-0.000027	0.000021	-0.000005	0.000072	-0.000070	0.000014
222	0.000021	-0.000111	0.000176	0.000162	-0.000057	-0.000039	-0.000223	0.000028	-0.000036	0.000228	-0.000180	0.000043
223	-0.002226	0.000315	-0.000774	-0.000756	0.000120	0.000052	-0.001013	-0.005971	0.001496	-0.001020	0.000614	0.000077
224	-0.009340	0.000018	-0.000864	-0.000796	-0.000192	-0.000024	-0.000641	-0.000278	-0.000221	-0.000676	-0.000390	0.000001
225	0.010603	-0.000013	0.000485	0.000529	0.000103	0.000037	0.000393	-0.001189	0.001155	0.001073	0.000336	0.000044
226	-0.010610	0.000075	0.000328	0.000319	-0.000066	-0.000079	-0.000107	-0.000690	0.000832	-0.001132	0.000094	0.000046

227	0.003661	-0.000019	0.000124	0.000112	-0.000053	0.000026	-0.000035	0.000060	-0.000541	0.001824	-0.000816	0.000060
228	0.006162	-0.000034	0.000070	0.000100	0.000065	0.000024	0.000216	0.000287	-0.000015	-0.001920	0.000948	-0.000084
229	-0.001874	0.000163	-0.000389	-0.000417	-0.000215	0.000003	-0.000720	-0.000440	0.000493	-0.000100	0.000114	-0.000007
230	-0.000061	0.000003	-0.000451	-0.000405	-0.000085	0.000000	-0.000248	-0.000320	0.000029	-0.000178	0.000017	0.000018
231	0.000390	-0.000002	0.000140	0.000155	0.000037	-0.000004	0.000086	-0.000283	0.000122	-0.000063	0.000062	0.000009
232	0.000520	-0.000012	0.000152	0.000147	0.000032	0.000007	0.000136	0.000421	-0.000138	0.000050	-0.000040	0.000007
233	0.001709	0.000048	0.000282	0.000294	0.000092	0.000010	0.000103	0.001224	-0.000645	0.000500	0.000418	0.000055
234	-0.004218	0.000191	-0.001096	-0.001089	-0.000303	-0.000037	-0.000832	-0.004717	0.000229	0.000796	0.004764	0.002192
235	0.004625	-0.001444	0.005769	0.005627	0.001846	0.000008	0.008697	0.007519	0.000670	-0.002808	-0.007404	0.003171
236	0.000712	0.000012	-0.000837	-0.000764	-0.000215	-0.000022	-0.000543	-0.000139	-0.000555	0.000389	0.001152	-0.001232
237	0.000912	0.000835	-0.002338	-0.002339	-0.000941	-0.000067	-0.004914	-0.000104	-0.000685	-0.000365	0.000587	-0.001793
238	-0.000132	-0.000174	0.000815	0.000792	0.000287	0.000041	0.001186	0.000579	-0.000270	0.001719	-0.000822	0.000126
239	-0.000140	-0.000093	0.000203	0.000215	0.000123	0.000031	0.000488	0.000232	-0.000386	0.001750	-0.000530	0.000110
240	0.000282	-0.000027	0.000363	0.000320	0.000036	-0.000003	0.000209	0.000586	0.000325	-0.001599	-0.001441	0.000803
241	0.000426	-0.000091	0.000595	0.000544	0.000129	0.000007	0.000618	0.000814	0.000139	-0.001595	-0.001704	0.000937
242	0.000059	0.000154	-0.000472	-0.000452	-0.000167	-0.000060	-0.000906	-0.000329	0.000456	-0.000971	0.001205	-0.000643
243	0.000121	0.000142	-0.000388	-0.000376	-0.000142	-0.000069	-0.000825	-0.000371	0.000393	-0.001274	0.001215	-0.000474
244	-0.001503	0.000214	-0.001122	-0.001065	-0.000278	0.000127	-0.001364	-0.002044	-0.000166	0.001786	0.001024	-0.001669
245	-0.001141	0.000276	-0.001483	-0.001407	-0.000372	0.000045	-0.001796	-0.002010	-0.000142	0.002188	0.001995	-0.001556
246	0.001610	0.000719	0.004546	0.003646	-0.000570	-0.000271	-0.002877	0.001094	-0.000299	-0.001371	0.003662	0.002114
247	-0.001214	0.000077	-0.000449	-0.000382	0.000345	0.000254	0.001258	-0.001728	0.000547	0.002094	-0.001059	0.001987
248	-0.000457	-0.000147	-0.001398	-0.001170	0.000042	0.000080	0.000303	-0.000121	0.000022	0.000519	-0.001011	-0.000477
249	-0.000475	-0.000066	-0.001127	-0.000976	0.000046	0.000031	0.000253	0.000119	-0.000016	0.000409	-0.001562	-0.001359
250	0.000074	-0.000058	-0.000254	-0.000172	0.000015	-0.000023	0.000126	0.000181	-0.000054	-0.000132	-0.000387	0.000104
251	0.000066	-0.000079	-0.000358	-0.000265	-0.000002	-0.000007	0.000088	0.000134	-0.000049	-0.000197	-0.000184	0.000147
252	0.000204	0.000057	0.000572	0.000486	0.000013	-0.000022	-0.000021	-0.000050	0.000038	-0.000212	0.000397	0.000370
253	0.000190	0.000010	0.000455	0.000413	0.000027	-0.000021	0.000037	-0.000037	0.000032	-0.000182	0.000332	0.000505
254	-0.000160	0.000120	-0.000173	-0.000224	-0.000007	0.000039	-0.000052	0.000027	0.000011	0.000160	-0.000251	-0.000514
255	-0.000152	0.000248	0.000393	0.000246	0.000016	0.000037	-0.000115	0.000010	-0.000004	0.000217	0.000124	-0.000360
256	0.000181	-0.000512	-0.001326	-0.000875	0.000213	-0.000053	0.001199	0.000138	-0.000106	-0.000764	0.000193	-0.001353
257	0.000143	-0.000368	-0.000883	-0.000729	-0.000136	-0.000046	-0.000197	0.000245	-0.000124	-0.000551	-0.000287	-0.001204
258	0.001171	-0.001125	-0.002874	-0.002140	0.000829	-0.000057	0.005768	0.001804	-0.000185	-0.001053	0.000002	-0.000352
259	-0.002448	0.000294	0.000702	0.000560	-0.000146	0.000821	-0.001559	-0.003424	-0.000019	0.001749	-0.000416	0.000219
260	-0.000753	0.000241	0.000613	0.000481	-0.000156	0.000026	-0.001229	-0.000536	0.000108	-0.000124	0.000288	0.000028
261	-0.000721	0.000130	0.000515	0.000397	-0.000100	-0.000541	-0.000872	-0.000575	0.000107	-0.000079	0.000381	0.000067
262	0.000950	0.000058	0.000099	0.000056	-0.000062	0.000041	-0.000205	0.000734	-0.000029	-0.000081	-0.000200	0.000022
263	0.000844	0.000057	0.000138	0.000083	-0.000062	-0.000009	-0.000198	0.000697	-0.000023	-0.000088	-0.000108	0.000009
264	-0.000540	-0.000043	-0.000059	-0.000044	0.000039	0.000036	0.000228	-0.000556	-0.000009	0.000204	-0.000014	-0.000026
265	-0.000657	0.000006	0.000044	0.000032	0.000001	0.000071	0.000003	-0.000591	-0.000017	0.000194	-0.000020	-0.000028
266	0.000075	-0.000072	-0.000155	-0.000093	0.000056	-0.000054	0.000169	-0.000089	0.000072	0.000040	-0.000033	0.000023
267	0.000282	-0.000136	-0.000318	-0.000225	0.000090	-0.000050	0.000393	-0.000015	0.000064	0.000059	-0.000098	0.000030
268	0.001231	0.000560	0.001334	0.000916	-0.000522	-0.000120	-0.002776	0.001406	-0.000043	-0.000290	0.000130	0.000033
269	0.000574	0.000024	-0.000052	-0.000034	0.000037	-0.000169	0.000301	0.001148	-0.000026	-0.000529	0.000082	-0.000025
270	0.002660	-0.000128	0.000326	0.000282	-0.000364	-0.000100	0.000059	0.003460	-0.002251	0.000139	-0.001681	-0.000146
271	-0.009039	0.000068	-0.003689	-0.003671	-0.000165	0.000171	-0.002339	-0.001554	-0.002350	-0.000377	-0.000569	0.000027
272	0.011478	0.000148	0.000944	0.000945	0.000483	0.000026	0.000628	-0.000821	0.001546	-0.000473	0.001482	-0.000026
273	0.010452	-0.000049	0.001098	0.001197	0.000208	0.000010	0.001101	-0.000564	0.001432	-0.000223	0.001295	0.000007
274	-0.009500	0.000021	-0.000869	-0.000860	-0.000280	-0.000013	-0.000701	-0.001309	0.000361	-0.000834	-0.000164	0.000064
275	-0.008426	0.000047	0.000030	-0.000009	-0.000113	-0.000032	-0.000250	-0.001389	0.000425	-0.000044	-0.000288	0.000045
276	-0.003765	-0.000077	-0.000002	-0.000013	-0.000028	-0.000019	0.000017	0.001630	-0.001013	0.001437	-0.001093	-0.000019

277	-0.003240	-0.000056	-0.000155	-0.000173	-0.000063	-0.000017	-0.000111	0.001471	-0.000852	0.001191	-0.000988	-0.000021
278	0.010079	-0.000018	0.000213	0.000239	0.000101	0.000020	0.000337	0.000632	-0.000028	-0.000746	0.000826	-0.000027
279	0.012642	-0.000016	0.000069	0.000094	0.000067	0.000043	0.000252	0.000709	-0.000005	-0.000691	0.000904	-0.000021
280	-0.006248	0.000038	0.000737	0.000720	0.000034	-0.000043	0.000321	-0.000547	0.001580	-0.000147	0.000070	0.000072
281	-0.006963	0.000021	0.001290	0.001243	0.000118	-0.000045	0.000683	-0.001765	0.001196	0.000784	0.000215	0.000049
282	0.000461	0.000284	-0.000464	-0.000495	-0.000163	0.000071	-0.001217	-0.002696	-0.004235	-0.001315	-0.007023	0.003832
283	0.000395	-0.000130	0.000491	0.000442	0.000127	0.000061	0.000775	0.000140	-0.000416	-0.000044	-0.000459	-0.000571
284	-0.000040	0.000011	-0.000006	-0.000013	-0.000020	-0.000026	-0.000097	-0.000107	0.000682	-0.001694	-0.000500	0.000214
285	0.000194	-0.000065	0.000085	0.000073	0.000043	-0.000015	0.000341	0.000468	0.000694	-0.000613	0.001687	-0.000877
286	0.000014	-0.000080	0.000035	0.000034	0.000069	-0.000003	0.000386	0.000135	-0.000180	0.001188	0.002108	-0.000687
287	0.000326	-0.000328	0.000843	0.000783	0.000233	-0.000034	0.001732	0.000905	-0.000330	-0.001166	0.001743	-0.001425
288	-0.001125	-0.000162	0.000275	0.000369	0.000002	0.000047	0.000579	-0.001388	0.000112	0.000939	0.004521	0.003875
289	-0.000059	-0.000142	0.000490	0.000525	0.000233	0.000036	0.001290	-0.000101	-0.000037	0.000054	0.000246	-0.000409
290	0.000078	0.000048	-0.000165	-0.000202	-0.000110	0.000000	-0.000511	-0.000023	0.000010	0.000096	-0.000430	0.000194
291	0.000084	0.000042	-0.000231	-0.000230	-0.000085	-0.000035	-0.000372	0.000238	-0.000030	-0.000069	-0.000697	-0.000919
292	0.000087	0.000013	-0.000159	-0.000160	-0.000027	-0.000077	-0.000120	0.000177	-0.000037	-0.000281	0.000023	-0.000725
293	0.000183	0.000015	-0.000020	-0.000045	0.000040	-0.000127	0.000059	0.000189	-0.000061	-0.000132	-0.000818	-0.001189
294	-0.000207	0.000266	0.000669	0.000551	-0.000306	-0.000254	-0.001509	-0.000058	0.000291	-0.000636	0.000658	0.000042
295	-0.000237	0.000376	0.001030	0.000787	-0.000250	-0.000001	-0.001519	-0.000194	0.000021	0.000111	0.000401	-0.000020
296	0.000247	-0.000136	-0.000415	-0.000332	0.000073	0.000001	0.000477	0.000220	0.000009	-0.000107	-0.000199	0.000014
297	0.000051	-0.000086	-0.000369	-0.000295	0.000054	0.000128	0.000370	0.000101	-0.000024	0.000056	-0.000242	-0.000001
298	-0.000186	-0.000041	-0.000088	-0.000083	0.000003	0.000183	0.000075	-0.000142	-0.000051	0.000034	0.000056	-0.000011
299	-0.000098	0.000095	0.000027	-0.000002	-0.000019	0.000519	-0.000229	0.000240	-0.000076	-0.000133	-0.000167	-0.000035
300	-0.018974	0.000083	-0.000095	-0.000254	0.000080	-0.000075	0.000036	0.005053	-0.004755	-0.004826	-0.000874	-0.000091
301	-0.003727	-0.000003	0.000365	0.000335	0.000083	-0.000163	0.000116	0.001223	-0.001533	-0.000076	-0.000259	-0.000100
302	0.000841	-0.000015	0.000022	0.000032	0.000006	0.000080	0.000097	-0.001733	0.000762	-0.000206	0.000175	0.000039
303	0.000936	-0.000045	0.000189	0.000211	0.000071	0.000040	0.000204	-0.001508	0.000914	0.000741	0.000150	-0.000003
304	-0.000124	-0.000075	0.000280	0.000313	0.000109	-0.000003	0.000344	0.000788	-0.000194	0.000652	-0.000292	-0.000006
305	0.001793	-0.000165	0.000851	0.000983	0.000284	0.000028	0.000815	-0.000587	-0.000719	0.000472	0.000207	-0.000033
306	0.005327	-0.001081	0.003364	0.003060	0.000876	-0.000018	0.005816	0.003849	-0.011270	0.006624	0.015913	-0.016121
307	0.000767	-0.000347	0.000825	0.000727	0.000319	0.000016	0.002006	0.000472	-0.000421	-0.001219	0.002370	-0.001538
308	-0.000171	0.000262	-0.000593	-0.000553	-0.000216	0.000006	-0.001390	-0.001060	-0.000306	-0.001056	-0.003269	0.001689
309	-0.000154	0.000095	-0.000181	-0.000169	-0.000067	0.000012	-0.000510	-0.000419	-0.000524	0.000824	-0.000995	0.000767
310	0.000054	-0.000034	-0.000003	-0.000001	0.000024	-0.000016	0.000180	0.000571	0.000548	0.000232	0.001584	-0.000614
311	-0.000083	-0.000064	0.000159	0.000151	0.000040	-0.000029	0.000308	-0.000002	0.001196	-0.002065	-0.000189	-0.000322
312	-0.000403	0.000092	-0.000212	-0.000158	-0.000102	0.000010	-0.000613	0.000426	-0.000509	0.003238	0.000405	0.000058
313	0.000167	-0.000412	0.001202	0.001299	0.000648	-0.000317	0.003406	0.000968	-0.000838	-0.004294	0.003053	-0.015502
314	-0.000281	0.000007	-0.000105	-0.000071	-0.000122	-0.000072	-0.000350	0.000165	-0.000087	-0.000190	0.000133	-0.001520
315	-0.000157	-0.000031	0.000140	0.000131	0.000022	0.000060	0.000175	-0.000464	0.000066	0.000498	0.000625	0.001619
316	-0.000043	-0.000016	-0.000013	0.000000	0.000015	0.000025	0.000081	-0.000138	0.000030	-0.000030	0.000843	0.000751
317	0.000002	0.000035	-0.000200	-0.000195	-0.000082	-0.000013	-0.000356	0.000223	-0.000011	-0.000081	-0.000579	-0.000625
318	0.000162	0.000084	0.000007	-0.000048	-0.000092	0.000015	-0.000630	0.000126	-0.000020	-0.000008	-0.001098	-0.000422
319	0.000307	-0.000080	0.000158	0.000171	0.000260	-0.000012	0.001082	0.000076	0.000025	-0.000174	0.000070	0.000215
320	0.000447	0.000914	0.001863	0.001327	-0.000640	0.001086	-0.003962	-0.000539	-0.000423	0.003368	0.000403	-0.000576
321	-0.000526	-0.000095	-0.000403	-0.000310	-0.000029	0.000400	0.000058	-0.000029	0.000027	-0.000094	-0.000083	0.000033
322	0.000385	0.000063	0.000158	0.000126	-0.000032	-0.000295	-0.000217	0.000273	0.000079	-0.000151	0.000021	0.000001
323	-0.000038	0.000014	0.000167	0.000135	-0.000025	-0.000127	-0.000110	-0.000261	0.000023	-0.000016	0.000215	0.000004
324	-0.000052	-0.000084	-0.000318	-0.000248	0.000049	0.000066	0.000333	0.000016	-0.000025	0.000105	-0.000162	0.000008
325	0.000241	-0.000253	-0.000664	-0.000505	0.000181	0.000012	0.001029	0.000401	-0.000008	-0.000097	-0.000415	0.000021
326	-0.000012	0.000351	0.001050	0.000793	-0.000141	-0.000058	-0.001075	-0.000407	-0.000097	0.000259	0.000417	-0.000067

327	-0.010196	-0.000167	0.001835	0.002045	0.000617	-0.000343	0.000898	0.014563	-0.016814	0.001889	-0.003032	-0.001002
328	-0.007229	-0.000095	0.000700	0.000759	0.000319	-0.000031	0.000558	0.000224	-0.000314	0.000497	-0.000580	-0.000068
329	-0.001317	0.000063	-0.000226	-0.000323	-0.000101	0.000020	-0.000159	-0.000512	-0.000391	-0.001501	0.000254	0.000005
330	-0.001730	0.000039	-0.000313	-0.000331	-0.000093	-0.000016	-0.000215	0.001562	-0.000589	-0.000552	-0.000260	0.000024
331	0.002238	0.000002	-0.000072	-0.000052	-0.000009	0.000035	-0.000102	-0.000889	0.000836	0.000776	0.000155	-0.000003
332	0.001994	-0.000014	0.000143	0.000164	0.000034	0.000071	0.000113	-0.002692	0.001749	0.000316	0.000261	0.000056
333	0.006161	0.000006	-0.000241	-0.000225	-0.000151	-0.000076	-0.000201	0.002250	-0.001258	0.000470	0.000183	-0.000013

	169	170	171	172	173	174	175	176	177	178	179	180
1	0.016953	0.036288	0.003381	0.017871	-0.018959	0.000463	0.018052	-0.007922	0.006384	-0.004187	0.011633	-0.011039
2	-0.005654	-0.009369	0.001502	-0.005065	0.007014	0.001090	-0.002210	0.004563	-0.001953	-0.000145	-0.002250	0.012024
3	-0.008774	-0.018199	-0.005449	0.002707	-0.019482	0.005764	0.007524	-0.011484	0.057733	0.017956	-0.011921	0.001100
4	-0.023415	-0.026434	0.011692	0.026017	-0.005413	-0.002347	-0.012969	0.009360	-0.024471	-0.026177	-0.011372	-0.010377
5	0.012971	-0.031624	-0.008969	0.006755	-0.005290	0.010340	0.008246	-0.007670	0.021226	0.051389	-0.004346	0.032003
6	-0.008460	0.015342	0.001405	0.007174	-0.011001	-0.015436	-0.021547	-0.029598	-0.008793	-0.001676	-0.019851	-0.053952
7	-0.036773	-0.038506	-0.002535	-0.015555	0.034577	0.000142	-0.032850	0.005282	0.003211	0.000552	-0.020090	0.016011
8	-0.006116	-0.012031	-0.003625	-0.000460	-0.033539	0.015252	0.043403	0.069311	0.028951	0.007020	-0.006484	-0.004843
9	-0.002442	-0.007389	-0.001071	-0.005795	0.013356	-0.002182	-0.007921	-0.099467	0.038315	0.012468	0.006443	0.006606
10	0.013258	-0.000588	-0.000587	0.007487	-0.013616	-0.000264	0.000792	0.032102	-0.047057	0.002449	-0.014020	-0.008205
11	-0.034227	-0.021159	0.022458	0.020160	0.001765	-0.000295	-0.005541	-0.013057	-0.005176	-0.037736	0.015879	0.007858
12	0.013947	0.028265	-0.048385	-0.036442	-0.012370	-0.001004	0.010932	0.006291	0.005501	0.027977	-0.044457	-0.010226
13	-0.004267	0.001787	-0.000048	0.041445	0.056933	0.020515	-0.033351	-0.008892	0.012492	0.021048	0.028759	0.047954
14	-0.004323	0.006614	-0.011486	-0.016655	-0.077809	-0.030570	0.027168	0.001230	-0.007927	-0.013214	-0.013233	-0.054957
15	0.008341	0.016725	0.005473	0.007283	0.051004	-0.005363	-0.056837	-0.029805	-0.018860	-0.004953	0.004903	-0.006082
16	-0.004763	-0.010332	-0.002135	-0.003217	-0.015030	0.005946	0.020000	0.092915	0.023179	0.005378	-0.002102	0.001579
17	-0.023709	0.002059	-0.000757	0.007692	-0.007885	0.000935	0.007302	0.039046	0.008092	-0.002469	-0.013029	-0.013630
18	0.005484	0.004854	-0.000446	-0.001156	0.005180	-0.001321	-0.002944	-0.104841	-0.000216	0.005520	0.005635	-0.002436
19	0.025265	0.004675	-0.002044	0.005640	-0.007363	0.000573	0.004358	0.000170	-0.026566	0.022168	-0.009027	-0.007110
20	0.045253	0.027110	0.004211	0.015139	-0.006573	0.001856	-0.003492	0.001494	-0.014094	-0.037255	-0.013244	-0.004346
21	-0.034850	-0.000340	0.006577	0.001401	0.008636	-0.000032	-0.006776	0.001428	0.018041	-0.020513	0.011217	0.006332
22	0.005575	0.011241	-0.014431	-0.057770	-0.013911	-0.001345	0.012712	0.008555	-0.007622	-0.014294	-0.056703	-0.030361
23	0.006830	-0.050357	0.039109	-0.004520	0.018085	-0.000856	-0.011513	-0.007976	0.009096	0.031457	0.028689	0.010337
24	0.002773	0.014093	0.032061	0.049831	0.023343	0.006652	-0.020581	-0.005490	0.011879	0.029695	0.057490	0.025465
25	-0.001971	-0.003209	-0.007756	-0.002853	-0.066493	-0.018988	0.041119	0.005459	0.003068	-0.003158	-0.008549	-0.024267
26	-0.004629	-0.020662	-0.004190	-0.010814	-0.017067	0.005664	0.015374	0.004007	0.013805	0.010741	-0.001230	0.011489
27	0.001687	0.011503	0.001833	0.002688	0.076041	-0.000827	-0.042482	-0.011413	-0.010143	-0.002222	0.005714	0.003549
28	-0.030085	0.000634	0.002125	0.006343	0.004042	-0.000598	-0.006145	-0.079752	0.032081	0.017868	-0.001109	-0.005809
29	-0.011106	0.008996	0.000039	0.012283	-0.016654	0.002082	0.001628	-0.002186	-0.043972	0.026711	0.001685	-0.009649
30	-0.039296	0.030629	0.011598	0.005128	0.004223	0.002368	-0.008799	0.005422	0.000008	-0.047041	0.019019	0.005628
31	0.010047	0.025954	-0.039062	-0.027177	0.000067	0.001661	0.000720	0.004138	-0.010628	0.014463	-0.025398	-0.012325
32	0.001001	-0.017428	-0.019770	0.048447	0.049305	0.003249	-0.066408	-0.015839	0.008520	0.016690	-0.011456	0.037884
33	-0.001805	-0.037848	-0.016535	-0.015324	-0.050307	-0.015979	-0.018416	0.001151	0.007209	0.004702	-0.020754	-0.034483
34	-0.002449	0.002459	0.000059	-0.005122	0.031720	-0.005412	-0.044307	-0.002328	-0.003170	0.000269	0.006407	0.001155
35	-0.018127	-0.003940	-0.005816	-0.001983	-0.021127	0.003144	0.028548	0.029904	0.017540	0.000743	-0.009875	-0.016038
36	0.001141	0.001047	0.000218	0.000367	0.000234	-0.000111	-0.000624	-0.000115	-0.000195	-0.000179	0.000206	0.000030
37	0.001063	0.000766	0.000274	0.000014	0.000595	0.000008	-0.000516	0.015425	-0.004262	-0.002032	-0.000027	0.000494
38	-0.000897	-0.000899	-0.000133	-0.000700	0.000562	-0.000002	-0.000101	-0.002544	0.006027	-0.000905	-0.000548	-0.000058
39	0.005478	0.000717	-0.000426	-0.000339	-0.000244	0.000040	0.000577	-0.001354	-0.002929	0.006514	-0.000707	0.000103
40	-0.000282	-0.000741	0.001783	-0.000044	0.000366	0.000157	0.000218	-0.000269	-0.001203	-0.003568	0.008495	0.000678

41	0.000103	0.000488	0.000885	-0.005440	-0.000996	-0.000348	0.000773	0.000532	-0.000919	-0.000768	0.000925	-0.004906
42	0.000528	0.000901	0.001232	0.000433	0.002816	0.001981	0.000086	0.000474	-0.000662	-0.000063	0.001130	0.004276
43	0.000357	0.001109	0.000321	0.000509	-0.000754	0.002350	-0.001060	0.002712	0.000277	-0.000632	0.000088	0.000222
44	-0.004015	-0.001067	-0.000542	0.001309	-0.002949	0.000143	0.000218	-0.010605	-0.008824	0.005886	-0.000679	-0.001936
45	0.001092	0.003972	0.005141	0.002860	-0.000962	0.000097	-0.001907	-0.000706	0.004772	-0.005092	-0.009250	0.000726
46	-0.000837	-0.004571	-0.008041	-0.001831	0.003817	-0.003454	-0.006383	-0.003074	0.001991	0.001736	-0.003745	0.003928
47	-0.001054	-0.003024	-0.001259	-0.000232	-0.003320	-0.003817	0.005446	-0.005444	0.000957	0.002960	-0.002697	-0.003126
48	-0.012266	-0.001144	0.000804	0.001828	0.009988	-0.000087	-0.010019	-0.001065	0.004323	0.003623	-0.008072	0.004125
49	0.003038	-0.001306	-0.000691	-0.001413	-0.001604	-0.000090	0.001604	0.001018	-0.001499	-0.003118	0.002715	-0.000257
50	0.009649	0.005688	-0.000352	0.000538	-0.006546	-0.000185	0.007052	0.002521	-0.003518	-0.002861	0.005063	-0.000817
51	0.002098	-0.002585	-0.000801	-0.001623	-0.002624	-0.000050	0.001860	-0.002947	0.000478	-0.000210	-0.000378	-0.001009
52	-0.014184	-0.000467	0.001902	0.003767	0.011010	0.000069	-0.011081	0.002826	0.004404	0.005304	-0.005281	0.001476
53	0.002008	0.001654	0.000269	0.000315	-0.002012	-0.000120	0.002397	-0.000370	-0.000115	-0.000294	-0.000395	0.001997
54	-0.000216	-0.000326	-0.000019	-0.000191	0.000328	0.000017	-0.000334	0.000131	-0.000261	-0.000410	0.000054	-0.000029
55	0.000458	0.000231	0.000009	-0.000223	-0.000185	-0.000005	0.000429	0.000054	-0.000268	-0.000685	0.000837	-0.000028
56	0.001907	0.001090	-0.000204	0.000239	-0.002188	-0.000041	0.001365	0.003885	0.000083	-0.001002	0.000979	-0.001053
57	0.000085	-0.000082	-0.000019	-0.000040	0.000050	-0.000003	-0.000005	0.000021	-0.000025	-0.000022	-0.000088	-0.000023
58	-0.000181	-0.000219	0.000072	-0.000109	-0.000011	-0.000041	0.000102	-0.000138	0.000112	0.000156	-0.000025	0.000289
59	-0.000318	-0.000171	0.000094	0.000151	0.000225	-0.000039	-0.000275	-0.000135	0.000528	0.000346	-0.000311	0.000053
60	-0.003156	-0.006297	-0.000010	-0.001337	0.003427	-0.000706	-0.004437	0.001962	-0.001473	0.001629	-0.001433	-0.000419
61	0.068675	0.027256	-0.007891	0.020687	-0.071074	-0.001265	0.064475	-0.012267	-0.009381	0.024429	0.017609	-0.028535
62	0.023636	0.080070	0.035988	0.043157	-0.013482	-0.001190	0.015627	0.025662	-0.015728	0.000184	0.014519	-0.003296
63	0.074888	0.042628	-0.000928	0.017889	-0.067397	0.000302	0.069530	-0.004504	-0.029267	0.009814	0.030095	-0.008891
64	0.028207	0.100869	0.033962	0.060144	-0.031622	-0.002001	0.027260	0.008975	0.012847	-0.005014	0.006518	-0.017021
65	-0.070464	-0.034872	0.003749	-0.016623	0.059445	0.000281	-0.061147	-0.009882	0.029017	-0.001857	-0.039192	0.013721
66	-0.035641	-0.085083	-0.030894	-0.052396	0.026240	0.002251	-0.020799	-0.016140	0.005697	-0.006995	0.000180	0.021012
67	-0.073644	-0.036571	0.005151	-0.022468	0.078897	0.000657	-0.073038	0.026895	0.010097	-0.031918	-0.008492	0.024374
68	-0.015798	-0.097069	-0.039147	-0.050807	0.019125	0.000844	-0.022492	-0.018118	-0.002447	0.012224	-0.021766	-0.000679
69	-0.008443	0.018503	-0.001307	-0.000760	0.005424	0.001208	-0.002836	-0.012977	-0.006461	-0.007504	0.001329	-0.004969
70	0.007740	0.004527	-0.002526	0.004848	0.009449	-0.000322	-0.003886	0.007510	-0.001537	-0.006325	-0.004213	-0.005151
71	-0.005554	-0.041613	-0.000543	-0.007252	0.006245	-0.001840	-0.014094	0.005383	0.010095	0.011581	-0.008898	0.009477
72	-0.011585	-0.004471	-0.001162	-0.009770	-0.004339	0.001320	0.004606	-0.001453	0.001768	-0.000374	0.005464	0.005968
73	0.018518	-0.020060	-0.000731	-0.006617	-0.010683	0.007518	0.010737	0.075277	0.012731	0.008213	0.003682	0.020829
74	-0.010434	-0.005347	-0.001177	-0.001303	-0.004289	0.001677	0.008407	-0.005628	-0.001877	0.001366	-0.003796	-0.002281
75	-0.005784	0.000076	-0.001077	-0.001202	0.001150	-0.000273	0.003207	-0.061378	-0.003546	0.001375	-0.000384	-0.004660
76	0.028692	0.009892	0.001812	-0.002754	0.009440	-0.000105	-0.010739	-0.036317	0.042376	0.004778	0.017577	0.009069
77	-0.017471	-0.028527	-0.004359	-0.004577	-0.007248	-0.002611	0.007016	-0.009291	-0.046182	0.049496	-0.010043	-0.004832
78	0.010315	0.012396	0.001968	0.005126	-0.003662	0.001103	0.000911	0.010571	-0.002771	-0.004940	0.004740	-0.001334
79	-0.013209	0.008011	0.003803	0.003212	-0.000037	0.000848	-0.001463	0.016861	0.006004	-0.012905	0.005721	0.001159
80	-0.036411	-0.060788	0.009389	-0.003089	0.008390	-0.003533	-0.004540	-0.017241	0.011380	-0.006684	0.008099	0.009333
81	-0.002297	0.117789	-0.035232	-0.043323	-0.019851	0.002321	0.011717	0.011481	-0.010710	-0.007341	-0.009054	-0.019236
82	0.004377	-0.016425	-0.020586	-0.008724	0.002535	-0.001460	0.001794	0.001463	0.001433	0.005623	-0.033707	-0.012612
83	0.004030	-0.019828	0.000998	0.027983	0.012517	0.001027	-0.006661	-0.002757	0.006892	0.013088	-0.005068	0.002574
84	-0.014457	0.042763	-0.002114	0.023491	0.012852	0.015204	-0.004701	-0.001100	0.005051	-0.014302	0.016103	0.057438
85	0.009583	0.025514	0.000256	0.002635	-0.022560	-0.013304	-0.010520	-0.003843	-0.014222	-0.017355	-0.013073	-0.075305
86	-0.001265	-0.006670	-0.001825	-0.005678	-0.032956	-0.008767	0.012635	0.003496	0.004501	0.001161	0.000037	0.001219
87	-0.000550	-0.002761	0.001076	-0.004664	0.009369	-0.003002	-0.011570	-0.001925	-0.000135	0.001481	0.004368	0.015284
88	0.004053	0.035079	0.004511	0.017539	0.049064	-0.003291	-0.029854	-0.029897	-0.033106	-0.014784	0.001356	-0.014682
89	0.001417	0.003094	0.000870	0.000140	0.000486	-0.000880	0.000653	-0.040283	0.024382	0.014078	0.007868	-0.001331
90	-0.015589	0.000474	-0.019745	-0.008730	0.000097	-0.000285	0.003798	0.010566	0.005006	0.014778	-0.020290	-0.010584

91	0.002421	0.004631	-0.002548	0.021001	-0.017081	0.000345	-0.003285	-0.000602	0.002024	-0.000813	-0.005760	-0.026837
92	0.001478	0.002112	0.002705	-0.003200	0.009190	0.003933	-0.012817	-0.000553	-0.003140	-0.001209	0.003935	0.006778
93	0.006253	0.002327	0.000588	-0.000037	0.002435	-0.000789	-0.003573	0.002582	0.000360	-0.000582	0.002561	0.001778
94	0.004155	0.002954	0.000563	0.001302	0.001858	-0.000878	-0.004829	0.003052	0.001567	-0.000759	0.001236	0.000503
95	0.002217	-0.000247	0.000388	0.000668	-0.000453	0.000149	-0.002038	0.037386	0.000101	-0.001488	-0.000293	0.002258
96	0.003515	-0.000517	0.000435	0.000062	-0.000422	0.000110	-0.001135	0.022485	0.003514	0.000316	0.000675	0.002388
97	-0.004362	-0.007120	-0.001081	-0.003292	0.001829	-0.000561	0.000146	-0.003649	-0.003732	0.004115	-0.001216	0.000908
98	-0.005234	-0.005277	-0.000876	-0.001918	0.002006	-0.000539	-0.001227	-0.006930	0.006935	0.000853	-0.003373	0.000523
99	0.009695	-0.003646	-0.002209	-0.000768	-0.000918	-0.000394	0.000952	-0.009356	-0.004044	0.011655	-0.005112	-0.001725
100	0.004877	-0.004376	-0.001616	-0.002353	0.000558	-0.000441	0.000901	-0.007123	-0.001925	0.002252	-0.000646	0.000412
101	-0.001708	0.013372	0.011387	0.000156	-0.001706	0.000720	-0.000146	0.000066	-0.001420	-0.002998	0.013169	0.006174
102	-0.002662	0.004028	0.009734	0.005725	-0.000776	0.000672	-0.001514	-0.001410	0.000017	-0.002607	0.019964	0.005905
103	-0.001601	0.005492	-0.000410	-0.016552	-0.006711	-0.000668	0.003250	0.001007	-0.003354	-0.005605	0.002872	-0.005669
104	-0.002384	0.013805	-0.001861	-0.010633	-0.005776	-0.000321	0.003328	0.001746	-0.003544	-0.007419	0.002445	0.003573
105	0.000937	0.003661	0.000645	0.002460	0.017182	0.003690	-0.004629	-0.001787	-0.002672	-0.001207	0.000074	-0.002649
106	0.000116	0.002948	0.001211	0.003254	0.016539	0.004585	-0.007145	-0.001603	-0.001765	-0.000031	-0.000203	0.001469
107	0.000019	0.001251	-0.000343	0.002705	-0.006578	0.002269	0.003274	0.001923	0.000891	-0.000350	-0.002686	-0.007157
108	0.000896	0.001747	-0.000482	0.001855	-0.001284	-0.000117	0.009645	-0.000132	-0.000851	-0.000972	-0.001488	-0.007906
109	-0.007238	-0.000930	-0.000170	0.000876	-0.000455	0.000360	0.000714	-0.010896	0.018245	-0.012118	-0.005905	0.001929
110	0.006211	-0.002296	-0.000757	-0.001087	0.000032	0.000485	-0.001479	0.050859	-0.042370	-0.001245	-0.001779	-0.000750
111	-0.003878	-0.011435	0.006659	0.005154	0.000094	0.000146	-0.001074	-0.002593	0.002138	-0.038670	0.029455	0.004334
112	0.018244	0.009559	0.011910	0.003184	-0.000418	0.000141	-0.002530	-0.007415	-0.006005	0.023914	-0.009903	0.005725
113	-0.001146	0.003712	-0.001907	0.003106	0.011162	0.007202	0.000292	-0.001590	0.000118	0.000855	0.001894	0.037314
114	-0.001336	-0.007728	0.004391	-0.023653	0.005345	-0.007384	0.003320	0.001996	-0.002046	-0.000145	0.003612	-0.010840
115	-0.001072	-0.002122	-0.002059	0.000832	-0.002014	-0.008443	0.006785	-0.000794	0.002291	0.000383	-0.002172	-0.005932
116	-0.000272	0.000217	-0.000277	0.002435	-0.006514	0.004895	0.004976	0.000495	0.000498	0.001018	-0.001950	-0.000589
117	0.008127	-0.001328	-0.003183	-0.002407	-0.000790	-0.000379	-0.000618	0.005499	-0.006225	-0.009132	0.002648	-0.000458
118	0.009661	0.004171	-0.001044	-0.000590	-0.006210	-0.000232	0.006465	0.002007	-0.003446	-0.003435	0.003035	0.000519
119	0.012065	0.004160	-0.000977	-0.000306	-0.009046	-0.000011	0.009084	0.001465	-0.004659	-0.003938	0.007177	-0.002410
120	0.000813	0.001486	0.000040	0.000885	-0.000297	-0.000020	0.000387	0.001114	-0.000422	0.000480	0.000231	0.000208
121	-0.000346	-0.000965	-0.000041	-0.000544	0.000076	0.000025	-0.000134	-0.000630	0.000226	-0.000277	-0.000032	-0.000171
122	-0.000464	-0.000521	0.000003	-0.000335	0.000233	-0.000006	-0.000259	-0.000466	0.000189	-0.000198	-0.000214	-0.000046
123	0.000114	0.002156	-0.000069	0.001056	-0.000216	-0.000028	-0.000220	0.000699	-0.000054	0.000181	-0.000648	0.000123
124	-0.000424	-0.000650	0.000246	-0.000253	0.000543	-0.000069	-0.000078	0.000339	0.000215	-0.000236	0.000544	0.000357
125	0.000299	-0.001502	-0.000178	-0.000813	-0.000344	0.000097	0.000304	-0.001073	-0.000145	0.000046	0.000132	-0.000463
126	0.011965	0.004492	-0.001099	-0.000532	-0.009743	0.000047	0.009320	-0.000686	-0.004194	-0.003101	0.005634	-0.002402
127	0.008449	0.003932	-0.000565	0.000614	-0.006557	-0.000185	0.006241	0.002695	-0.002240	-0.001258	0.003307	-0.001824
128	0.000249	0.000039	-0.000082	-0.000015	-0.000174	0.000038	0.000124	-0.000239	-0.000191	-0.000038	0.000038	-0.000165
129	-0.000025	-0.000252	0.000022	-0.000176	0.000019	-0.000049	0.000189	-0.000155	0.000100	0.000095	0.000046	0.000243
130	-0.000256	-0.000045	0.000151	0.000099	0.000159	-0.000042	-0.000122	-0.000164	0.000452	0.000106	-0.000049	0.000178
131	0.000159	0.000050	-0.000054	0.000036	0.000043	0.000012	0.000003	0.000416	-0.000322	0.000015	-0.000198	-0.000208
132	-0.000284	0.000156	0.000024	0.000072	0.000021	0.000012	-0.000171	-0.000148	0.000346	-0.000055	0.000096	0.000130
133	0.000160	0.000059	-0.000065	-0.000013	-0.000069	0.000031	-0.000026	0.000297	-0.000392	-0.000126	0.000064	-0.000185
134	-0.009314	-0.021206	-0.002220	-0.018796	0.007542	-0.004077	0.010317	-0.026755	0.031226	0.017523	0.003221	-0.001779
135	0.003126	0.010022	-0.006033	0.005296	-0.017331	-0.008021	0.016935	0.066511	0.017456	-0.008771	0.004483	-0.008829
136	-0.010699	-0.027915	-0.010789	-0.016162	0.001826	0.004242	0.002258	0.002733	0.021429	0.010692	0.000233	0.000241
137	-0.001842	-0.024744	-0.009115	-0.016960	0.009882	-0.000485	0.001195	-0.053562	0.002562	0.007294	-0.000072	-0.000432
138	0.018313	0.011737	0.001180	0.004861	-0.003149	-0.003767	-0.005050	0.061373	0.063660	0.015252	0.010500	-0.003647
139	-0.074996	0.009614	-0.002383	-0.006347	0.016007	-0.000148	-0.015467	-0.035949	0.017457	-0.010542	0.031647	0.016067
140	0.022739	-0.007495	-0.001008	0.003036	-0.005445	-0.001612	0.004496	-0.060327	-0.070466	0.072551	0.016635	-0.008722

141	0.084581	-0.000251	0.001209	-0.009887	0.020440	0.000290	-0.020177	-0.000927	0.050870	0.003278	0.017787	0.011343
142	-0.071579	0.000598	0.001152	-0.004760	0.020861	-0.000667	-0.020528	-0.019910	-0.001802	-0.052684	0.001967	0.008106
143	0.072513	0.016455	0.014944	0.008999	-0.003183	0.000654	0.004062	-0.022851	-0.073534	0.072839	0.071681	0.005875
144	0.006236	-0.113277	-0.120762	-0.034946	-0.001303	0.004822	-0.022099	-0.013899	-0.020279	-0.036148	0.036151	0.009040
145	0.016672	0.057121	0.118854	0.038699	0.005929	0.003854	-0.000554	-0.011858	-0.010782	-0.055677	-0.062576	0.070181
146	-0.000131	-0.027005	-0.014952	0.078038	-0.001428	0.001856	-0.003649	-0.003244	-0.000821	-0.000430	0.015333	0.014488
147	-0.007099	0.082825	0.198380	-0.124290	-0.004733	-0.005771	0.012911	0.000529	0.001031	-0.009912	-0.038917	-0.074424
148	0.000295	0.071582	-0.126626	0.065929	-0.017486	0.003722	0.010106	-0.009746	0.004591	-0.007612	-0.026865	0.030325
149	-0.013718	-0.008703	-0.025145	0.011873	0.069053	-0.002279	-0.072842	0.013246	0.004589	-0.007553	-0.013234	-0.027468
150	0.005920	0.020274	-0.009040	0.014017	-0.069538	0.121983	0.024435	-0.013153	-0.002555	-0.006119	0.001181	-0.064640
151	-0.020939	-0.005973	0.003056	0.003521	0.075672	-0.048581	0.085055	0.010510	0.006317	-0.007709	-0.009069	0.003748
152	-0.011968	-0.012989	-0.013736	0.005671	-0.082323	0.046401	-0.073787	0.007316	0.005210	-0.008617	-0.010554	-0.011959
153	0.005616	-0.005579	-0.014029	-0.005024	-0.024452	-0.126050	0.070162	0.010700	0.006939	0.000281	0.011698	-0.015954
154	0.019435	-0.006606	-0.002827	-0.003581	0.003114	-0.001761	-0.005549	-0.015471	0.012544	0.035468	0.009047	-0.007536
155	0.034625	0.040052	0.033196	0.011029	0.006481	-0.000072	-0.005464	-0.015721	-0.032410	-0.000336	0.020685	0.014768
156	-0.003840	0.038153	-0.003951	0.027953	-0.035387	0.010176	0.020333	-0.012119	0.005909	-0.006371	-0.015748	-0.022275
157	-0.004468	-0.006871	-0.012240	-0.002256	-0.021902	-0.012789	0.034983	0.028384	0.011625	-0.006457	0.006304	-0.008419
158	-0.000402	-0.000188	0.000178	0.000099	0.001217	0.000023	-0.000926	0.000851	-0.000838	-0.000763	0.000138	0.001638
159	-0.000906	-0.000144	-0.000551	-0.001878	-0.003185	0.000171	0.001795	-0.005021	0.001998	-0.001455	0.004550	0.002749
160	-0.001516	0.000455	-0.000113	-0.001206	-0.002222	0.000097	0.000761	-0.004733	0.002065	-0.001092	0.003821	0.002238
161	0.000867	0.000248	-0.000009	0.000344	-0.000264	-0.000048	-0.000086	-0.001073	0.000677	0.000747	-0.000600	-0.000620
162	-0.001673	0.002090	0.000892	0.001157	0.001120	-0.000394	-0.002441	0.001344	0.000999	-0.000818	0.001572	-0.002953
163	0.002086	-0.001876	-0.001461	0.001456	-0.006669	-0.000173	0.001257	-0.008627	0.005928	0.005786	-0.004353	-0.008296
164	-0.016647	-0.040446	-0.017520	-0.023666	0.003833	0.006002	0.000521	-0.002461	0.008648	0.007053	-0.001298	0.001580
165	0.000275	0.000662	-0.000834	-0.000638	-0.000386	-0.002978	0.006011	-0.033022	-0.010883	-0.004726	-0.001979	-0.002168
166	0.003683	0.037919	0.013866	0.025060	-0.013944	-0.001703	0.001520	0.079509	-0.005926	-0.011316	0.002417	-0.000183
167	0.043666	-0.006751	-0.000745	-0.014779	0.030808	-0.000010	-0.030078	-0.001790	0.078407	-0.001278	-0.000196	0.010149
168	-0.131444	-0.006288	-0.004089	0.000150	-0.000180	-0.000743	-0.000226	-0.010007	-0.027583	-0.032237	-0.012587	-0.002801
169	0.286762	0.004573	-0.002022	0.008548	-0.032267	0.000556	0.030937	0.005972	-0.003392	0.081751	-0.003869	-0.012506
170	0.004573	0.263453	0.130961	-0.013763	-0.013968	0.004885	0.024187	0.017099	0.008747	0.001159	-0.073461	0.008156
171	-0.002022	0.130961	0.470661	-0.196078	0.001933	-0.004697	0.017223	0.007640	0.006904	-0.001564	-0.069031	-0.058490
172	0.008548	-0.013763	-0.196078	0.309428	0.003682	0.007229	-0.004916	0.006495	-0.000828	-0.000773	0.018843	0.088598
173	-0.032267	-0.013968	0.001933	0.003682	0.284309	-0.127613	0.043759	0.005531	0.009121	-0.009682	-0.012652	0.004291
174	0.000556	0.004885	-0.004697	0.007229	-0.127613	0.273118	-0.130881	-0.004363	-0.003435	-0.002517	-0.002067	-0.010149
175	0.030937	0.024187	0.017223	-0.004916	0.043759	-0.130881	0.287707	-0.010108	-0.007356	0.011361	0.011045	-0.006171
176	0.005972	0.017099	0.007640	0.006495	0.005531	-0.004363	-0.010108	0.329478	-0.076940	-0.024230	-0.009461	-0.002772
177	-0.003392	0.008747	0.006904	-0.000828	0.009121	-0.003435	-0.007356	-0.076940	0.318301	-0.040161	-0.016899	0.004537
178	0.081751	0.001159	-0.001564	-0.000773	-0.009682	-0.002517	0.011361	-0.024230	-0.040161	0.315699	-0.072289	-0.020292
179	-0.003869	-0.073461	-0.069031	0.018843	-0.012652	-0.002067	0.011045	-0.009461	-0.016899	-0.072289	0.290040	-0.013833
180	-0.012506	0.008156	-0.058490	0.088598	0.004291	-0.010149	-0.006171	-0.002772	0.004537	-0.020292	-0.013833	0.302989
181	-0.006395	-0.009389	-0.043704	0.009698	0.075146	-0.028752	-0.004962	0.006801	-0.003229	-0.011192	-0.009142	-0.064141
182	0.010910	-0.011417	-0.020798	-0.008220	0.003081	-0.031751	0.077357	-0.021030	-0.012664	-0.002516	0.010195	-0.018600
183	0.007166	-0.008635	-0.005632	-0.008036	-0.000277	-0.010139	-0.000939	-0.039543	-0.017177	0.010742	-0.005477	-0.009304
184	-0.001150	0.000559	-0.000220	-0.001064	-0.003095	-0.000001	0.000670	-0.004632	0.002446	0.000109	0.002751	0.000542
185	-0.001036	-0.000430	-0.000875	-0.002755	-0.004258	0.000172	0.002839	-0.006032	0.002199	-0.001879	0.006053	0.004045
186	-0.000752	0.000130	0.000356	0.000511	0.001125	-0.000060	-0.000952	0.000809	-0.000693	-0.000091	-0.000295	-0.000176
187	0.001928	-0.000318	0.000323	0.001846	0.003596	-0.000024	-0.001763	0.006751	-0.002386	0.001225	-0.005749	-0.002616
188	0.001216	0.000089	0.000410	0.001515	0.002701	-0.000099	-0.000837	0.003374	-0.001742	0.000588	-0.002884	-0.001848
189	0.000028	-0.000127	-0.000055	-0.000063	0.000072	-0.000018	-0.000043	0.000095	-0.000058	0.000055	-0.000073	-0.000130
190	-0.000302	-0.000225	-0.000036	-0.000186	0.000480	0.000003	-0.001127	0.014181	-0.014302	0.001182	0.001093	-0.000175

191	-0.003713	-0.002498	-0.000971	0.000097	-0.000366	-0.000009	-0.001455	-0.010506	0.009404	0.003226	-0.001825	-0.003058
192	0.002250	0.000771	0.000260	-0.000147	0.000448	-0.000150	0.000388	0.003385	-0.000191	-0.001016	0.000468	0.000675
193	-0.000488	0.000687	0.000181	0.000293	0.000134	0.000079	-0.000111	0.003621	-0.000319	-0.002382	-0.000499	0.000323
194	0.001192	0.000694	0.000214	0.000160	0.000125	-0.000001	0.000009	-0.000070	0.000243	-0.000080	0.000311	0.000382
195	0.002440	0.002859	0.000950	-0.000031	0.000417	0.000072	0.000820	-0.006345	0.007085	-0.005004	0.001951	0.002798
196	-0.000615	0.000283	0.000037	0.000341	-0.000006	0.000000	-0.000019	-0.000574	0.002229	-0.000929	-0.000620	-0.000231
197	0.000072	-0.000079	-0.000012	-0.000021	-0.000111	-0.000005	0.000117	0.000905	-0.001127	0.000184	0.000051	-0.000068
198	0.000129	0.000095	0.000018	-0.000005	0.000017	-0.000005	-0.000001	0.000223	0.000010	-0.000227	0.000057	0.000034
199	0.000201	0.000171	0.000062	-0.000023	0.000017	-0.000007	0.000104	-0.000615	0.000631	-0.000301	0.000113	0.000153
200	-0.000035	0.000228	0.000076	-0.000030	0.000335	-0.000013	-0.000186	0.001033	-0.000319	-0.000725	0.000240	0.000196
201	-0.003074	-0.006559	-0.003573	0.001179	-0.000880	0.000005	0.000402	0.001283	0.002696	-0.016543	0.013408	-0.000608
202	0.000396	-0.000142	-0.001401	0.001254	-0.000400	0.000089	-0.000254	-0.000386	-0.000741	-0.001220	0.001633	0.000347
203	0.001158	-0.001957	-0.000356	-0.000699	-0.000451	-0.000080	0.000352	0.000147	0.000263	0.004539	-0.002542	-0.001647
204	0.001586	-0.000367	-0.001577	0.001942	-0.000313	0.000039	-0.000063	-0.000794	-0.001567	0.001698	0.001347	-0.000213
205	-0.000120	0.000679	0.002225	-0.003578	0.001332	-0.000075	0.000281	0.001247	-0.001205	-0.005939	0.005481	0.001619
206	0.004396	0.004621	0.001235	-0.000214	0.000506	0.000075	-0.000399	-0.000651	0.000546	0.012717	-0.014153	0.001555
207	-0.002128	0.000150	-0.000733	0.000119	0.000120	0.000011	-0.000143	-0.000270	-0.000129	0.000090	0.000301	0.000165
208	-0.000238	-0.000385	-0.000101	0.000093	-0.000094	-0.000005	0.000036	0.000090	-0.000065	-0.001064	0.001034	-0.000045
209	0.000238	-0.000086	-0.000073	0.000071	-0.000001	-0.000003	-0.000002	-0.000030	-0.000060	0.000002	0.000156	0.000040
210	0.000298	0.000529	0.000432	-0.000059	-0.000022	-0.000009	0.000061	-0.000055	-0.000027	0.000944	-0.000947	0.000097
211	0.000095	0.001372	0.002451	-0.000284	0.000221	-0.000040	0.000119	0.000147	0.000262	-0.000348	-0.000078	0.000217
212	0.000544	0.000522	0.001589	-0.005677	0.001514	-0.000646	0.000925	0.000338	-0.000553	0.000284	0.000474	-0.012609
213	0.000905	0.002420	0.001769	0.000125	0.001729	-0.001043	0.002671	0.002144	-0.001736	-0.000772	0.001202	0.003548
214	-0.000057	-0.001953	0.000642	-0.001369	-0.001115	0.000638	-0.001062	0.000199	0.000023	0.000266	0.001128	0.000797
215	-0.000110	0.000687	0.001206	-0.000741	-0.000381	0.000680	0.000560	-0.000950	0.000796	0.000631	-0.000476	-0.004783
216	-0.000084	-0.001807	-0.000963	-0.000207	-0.001691	0.000378	-0.001054	-0.001006	0.000650	0.000397	0.000110	0.000774
217	0.000286	0.001537	-0.000299	0.002000	-0.005777	0.001662	0.000855	0.000085	-0.001088	-0.001604	0.000829	0.018279
218	-0.000285	-0.000325	0.000157	-0.000202	0.002117	-0.001109	-0.000385	-0.000067	0.000227	-0.000016	-0.000435	-0.000726
219	0.000003	-0.000068	0.000029	-0.000223	0.000513	-0.000121	-0.000075	-0.000041	0.000138	0.000195	-0.000111	-0.001320
220	0.000068	0.000069	0.000206	-0.000168	-0.000208	0.000012	0.000114	0.000032	-0.000025	0.000028	0.000147	0.000211
221	-0.000044	-0.000114	-0.000213	0.000575	-0.000225	0.000033	-0.000154	-0.000147	0.000187	0.000152	-0.000290	0.000742
222	-0.000177	-0.000740	-0.001245	0.002137	-0.000392	0.000489	-0.000107	-0.000419	0.000514	0.000543	-0.000025	-0.000052
223	0.000237	-0.000046	-0.000264	-0.000667	0.001352	-0.000678	0.001687	0.001427	-0.000715	-0.001139	0.000610	-0.001165
224	0.000107	0.000105	0.000039	0.000274	0.000118	-0.000459	0.001622	-0.000918	0.000407	0.000641	-0.000497	0.000290
225	-0.000368	0.000120	-0.000043	0.000111	-0.001075	0.000799	-0.001269	0.001137	0.000775	-0.000107	0.000060	0.000135
226	-0.000014	0.000128	0.000292	0.000163	0.000591	0.000822	-0.000320	-0.000365	0.000262	0.000217	0.000035	0.000773
227	0.000116	-0.000296	-0.000091	0.000495	-0.001847	0.000506	-0.000629	-0.000600	0.000194	0.001096	-0.001015	-0.000874
228	0.000024	0.001080	0.000210	0.000307	0.001197	0.001556	-0.006527	0.002107	-0.001406	-0.001470	0.000404	0.001072
229	-0.000002	-0.000006	0.000060	-0.000197	0.000245	-0.001335	0.002279	0.000003	-0.000197	-0.000215	0.000388	0.000388
230	0.000101	0.000019	-0.000010	-0.000075	0.000140	-0.000208	0.000474	0.000235	-0.000052	-0.000092	0.000078	-0.000078
231	0.000012	0.000039	0.000010	-0.000002	0.000009	0.000017	-0.000214	0.000143	0.000020	-0.000087	0.000072	-0.000005
232	0.000006	-0.000003	0.000002	0.000047	-0.000080	-0.000012	-0.000230	-0.000073	0.000020	0.000098	-0.000067	0.000015
233	-0.000392	-0.000048	-0.000028	-0.000047	0.000046	0.000427	-0.000416	0.000973	0.000415	-0.000146	0.000035	0.000021
234	0.004154	0.004262	0.001297	0.001469	-0.001224	0.000484	0.001910	-0.019816	0.017563	-0.004264	0.000193	0.003058
235	-0.005826	-0.006069	-0.001827	-0.001786	-0.000369	-0.000309	-0.001915	0.006596	-0.019442	0.010314	0.001216	-0.004138
236	-0.000662	-0.000296	-0.000119	-0.000101	0.000559	-0.000096	-0.000661	-0.001799	0.004777	-0.000218	-0.000148	-0.000326
237	0.000321	-0.000657	-0.000282	-0.000146	0.000628	-0.000129	-0.000476	-0.001422	0.005670	0.000267	-0.001030	-0.000994
238	-0.000003	0.000319	0.000129	0.000151	-0.000148	0.000019	0.000203	0.007542	-0.006336	-0.000918	-0.000122	0.000306
239	0.000169	0.000351	0.000124	0.000136	-0.000025	0.000025	0.000116	0.006352	-0.005078	-0.000885	-0.000156	0.000298
240	-0.000965	-0.000690	-0.000242	-0.000029	-0.000326	0.000025	-0.000070	-0.003800	0.000960	0.001550	-0.000047	-0.000644

241	-0.001118	-0.000836	-0.000293	-0.000027	-0.000362	0.000029	-0.000114	-0.004437	0.001539	0.001792	-0.000186	-0.000791
242	0.000808	-0.000010	0.000000	-0.000101	0.000124	-0.000063	0.000144	-0.003587	0.004505	-0.000060	-0.000179	0.000038
243	0.001090	-0.000010	-0.000009	-0.000043	0.000073	-0.000064	0.000171	-0.005162	0.006270	0.000201	-0.000354	-0.000029
244	0.001550	0.001797	0.000643	0.000143	0.000454	0.000022	0.000679	0.010941	-0.006441	-0.003879	0.000452	0.001757
245	0.000465	0.001845	0.000581	0.000339	0.000612	0.000055	0.000016	0.008558	-0.003918	-0.003924	0.000352	0.001467
246	0.001108	0.008701	0.000985	-0.003851	0.002251	0.000134	-0.001090	-0.001179	-0.000901	0.018273	-0.020733	0.003301
247	-0.003873	-0.006394	0.001755	0.002083	-0.001541	-0.000046	0.000735	0.003177	0.003862	-0.033683	0.023631	0.000397
248	0.000239	-0.000886	-0.001063	0.000770	-0.000600	0.000007	0.000045	-0.000324	0.001309	0.006088	-0.004836	-0.001682
249	0.001762	-0.001537	-0.001174	0.001249	-0.001154	-0.000003	0.000236	-0.000915	0.000354	0.010619	-0.006850	-0.002664
250	-0.000609	-0.001496	-0.001046	0.000950	-0.000054	-0.000014	0.000016	-0.000232	-0.001005	-0.005392	0.006872	0.000311
251	-0.000364	-0.001463	-0.001214	0.000636	0.000050	-0.000009	0.000000	-0.000112	-0.000984	-0.004025	0.005370	0.000178
252	-0.000943	0.001202	0.000982	-0.001016	0.000370	0.000003	-0.000081	0.000531	-0.000181	-0.003262	0.001481	0.000709
253	-0.001167	0.001219	0.000750	-0.000914	0.000353	0.000005	-0.000093	0.000475	-0.000128	-0.003013	0.001265	0.000735
254	0.001830	-0.000007	0.000595	0.000406	-0.000475	-0.000009	0.000117	-0.000388	0.000492	0.007919	-0.007003	-0.001205
255	0.001773	0.000234	0.000692	0.000174	-0.000484	-0.000010	0.000125	-0.000542	0.000689	0.009201	-0.008130	-0.001295
256	0.000167	-0.000035	-0.000784	-0.000247	0.000671	-0.000034	0.000041	-0.000140	-0.002094	-0.002076	0.005675	0.000621
257	0.000137	0.000481	-0.000483	-0.000219	0.000606	-0.000022	-0.000054	-0.000366	-0.001450	-0.000541	0.003210	0.000590
258	0.000157	-0.000055	-0.002483	0.003428	-0.003532	-0.001728	-0.002106	-0.002235	0.000303	-0.001714	-0.001115	0.029802
259	0.001225	0.002820	-0.000674	-0.001517	0.004113	-0.000453	0.002985	0.004126	-0.002488	0.000254	0.000216	-0.020570
260	0.000203	-0.000294	0.001435	-0.000544	-0.000035	0.000207	0.001037	0.001199	-0.000927	-0.000435	0.001582	0.003666
261	-0.000007	-0.000073	0.001755	0.000082	0.000048	0.000529	0.000622	0.001041	-0.000466	-0.000204	0.001456	0.003737
262	-0.000329	-0.000130	0.000017	-0.001780	0.000831	-0.000049	-0.000799	-0.001148	0.000994	0.000894	-0.001095	-0.010522
263	-0.000360	-0.000343	0.000116	-0.001716	0.000647	-0.000144	-0.000813	-0.001092	0.000911	0.000685	-0.000851	-0.008399
264	0.000242	0.000393	-0.000417	0.001502	0.000966	-0.000453	0.000675	0.000624	-0.000409	-0.000340	0.000021	0.002528
265	0.000311	0.000477	-0.000239	0.001255	0.001048	-0.000616	0.000775	0.000673	-0.000500	-0.000397	0.000113	0.002825
266	-0.000003	-0.000469	-0.000121	0.000548	-0.001269	0.000503	-0.000534	0.000343	-0.000140	0.000045	0.000467	0.004410
267	-0.000044	-0.000983	-0.000293	0.000743	-0.001252	0.000382	-0.000983	0.000195	-0.000005	0.000100	0.000417	0.005268
268	-0.001062	-0.000966	0.000656	-0.000969	-0.000321	0.001004	-0.000952	-0.002278	0.002096	0.001021	-0.001084	-0.008682
269	-0.000327	-0.000409	0.000267	-0.001082	-0.001263	0.000816	0.000079	-0.001451	0.000629	0.000100	-0.000111	-0.004125
270	0.001485	0.000349	0.000643	0.000973	-0.002085	-0.001731	-0.002125	-0.001649	-0.003119	0.001032	-0.000835	0.000531
271	-0.000395	-0.001273	-0.001334	-0.000707	0.000669	-0.000450	0.004907	-0.002249	0.001738	0.000806	-0.001041	-0.003066
272	-0.000429	0.000451	0.000028	-0.000689	0.001763	-0.000085	-0.001089	0.002897	-0.000218	-0.001899	0.001403	0.000647
273	-0.000479	0.000528	0.000166	-0.000333	0.000832	0.000799	-0.001743	0.002373	0.000183	-0.001387	0.001112	0.001031
274	0.000124	-0.000116	0.000059	-0.000024	0.000083	-0.000138	0.001163	-0.000501	0.000335	0.000278	0.000009	0.000144
275	0.000033	-0.000089	0.000085	0.000214	-0.000440	-0.000117	0.000938	-0.000784	0.000463	0.000552	-0.000316	0.000064
276	0.000153	-0.000383	-0.000110	0.000454	-0.001151	-0.000155	0.001755	-0.002089	0.000349	0.001451	-0.001105	-0.000779
277	0.000189	-0.000387	-0.000106	0.000327	-0.000913	-0.000337	0.001844	-0.001891	0.000190	0.001246	-0.000910	-0.000709
278	-0.000268	0.000156	-0.000004	-0.000423	0.000490	0.000269	-0.001980	0.001529	-0.000107	-0.001069	0.000879	0.000649
279	-0.000239	0.000251	0.000017	-0.000413	0.000376	0.000076	-0.002118	0.002043	-0.000264	-0.001199	0.000929	0.000701
280	0.000052	0.000045	0.000292	-0.000026	0.000217	0.000912	-0.000204	-0.000114	0.000293	0.000102	0.000331	0.000736
281	-0.000233	0.000467	0.000263	0.000644	0.000154	0.000952	-0.001353	0.000462	0.000169	0.000080	-0.000454	0.000049
282	0.004297	-0.001498	-0.000228	-0.001035	0.000353	0.000074	-0.000106	0.010411	-0.012526	0.004853	0.000920	-0.000620
283	-0.000003	-0.000642	-0.000105	-0.000170	-0.000161	-0.000028	0.000241	-0.001195	0.001396	0.001125	-0.000401	-0.000351
284	-0.000660	-0.000329	-0.000100	-0.000040	-0.000056	0.000010	-0.000003	-0.003170	0.001597	0.000510	0.000024	-0.000253
285	-0.000797	0.000169	0.000039	0.000249	-0.000127	-0.000004	-0.000097	-0.004222	0.004766	-0.000530	-0.000395	-0.000134
286	0.000098	0.000632	0.000188	0.000240	0.000043	-0.000043	-0.000040	-0.000238	0.002123	-0.001050	-0.000127	0.000362
287	-0.001386	0.000096	0.000074	0.000312	-0.000231	-0.000075	0.000196	-0.002823	0.005071	-0.000585	-0.000594	0.000022
288	-0.005743	-0.004831	-0.001903	-0.002102	0.000726	-0.000212	0.000620	0.001347	0.003507	-0.012343	0.008741	-0.000099
289	-0.000463	0.000349	-0.000544	-0.000367	0.000220	-0.000065	-0.000003	-0.000170	0.000324	-0.000231	0.000748	0.000357
290	-0.000679	0.001758	0.001484	-0.000496	0.000109	0.000020	-0.000107	0.000211	0.000305	0.000638	-0.002002	0.000147

291	0.001366	0.000998	0.000744	0.000281	-0.000142	-0.000003	-0.000103	-0.000479	-0.000415	0.004342	-0.003464	-0.000240
292	0.002055	-0.001276	-0.000841	0.000470	-0.000215	0.000003	0.000026	-0.000379	-0.000870	0.002717	-0.000794	-0.000498
293	0.001517	0.000490	-0.000063	0.000353	-0.000122	0.000033	-0.000075	-0.000502	-0.001049	0.003322	-0.001144	-0.000279
294	-0.000701	0.005284	-0.001362	0.006577	0.000879	0.003436	0.002288	0.000874	0.000109	-0.000829	-0.001992	0.009879
295	-0.000440	0.001439	-0.000812	0.001595	-0.000030	-0.000302	0.000115	0.000072	0.000071	-0.000425	-0.000937	0.001948
296	0.000274	-0.000458	0.000695	-0.002204	-0.001185	0.000304	-0.000245	-0.000126	-0.000070	0.000334	0.000653	-0.002212
297	0.000209	-0.001061	0.000597	-0.001826	0.000158	-0.000675	-0.000040	-0.000259	-0.000049	0.000180	0.000630	-0.003345
298	0.000000	-0.000072	-0.000434	0.000537	0.001519	-0.000801	0.000445	0.000059	-0.000043	-0.000228	-0.000134	-0.000326
299	0.000246	-0.000562	-0.000177	-0.000602	0.000240	-0.000354	-0.000250	-0.000300	-0.000115	0.000083	0.000656	0.000320
300	0.001042	0.000317	0.000444	0.000024	0.001069	0.003422	-0.000294	-0.002257	-0.000535	0.000793	0.000680	0.002290
301	0.000148	0.000188	-0.000027	0.000342	0.000026	-0.000304	-0.000779	-0.001065	-0.000600	0.000188	-0.000424	-0.000264
302	-0.000145	0.000000	0.000026	0.000041	-0.000281	0.000267	-0.000705	0.000549	0.000423	-0.000067	-0.000006	0.000166
303	-0.000207	-0.000095	-0.000101	0.000022	-0.000199	-0.000732	0.000696	0.000532	0.000235	-0.000016	-0.000230	-0.000487
304	0.000028	-0.000286	-0.000104	-0.000163	0.000026	-0.000739	0.001945	-0.000824	-0.000019	0.000306	-0.000126	-0.000360
305	-0.000339	0.000048	-0.000143	0.000192	-0.000749	-0.000913	0.000753	0.000265	-0.000057	-0.000185	-0.000420	-0.000647
306	-0.002197	0.000563	0.000251	0.000998	0.001948	-0.000597	-0.002099	0.013214	0.040122	-0.009974	-0.007300	-0.001390
307	0.000057	-0.000349	0.000029	0.000113	-0.000323	-0.000031	0.000080	-0.006420	0.008344	0.001049	-0.001002	-0.000465
308	0.000394	-0.000547	-0.000157	-0.000358	0.000158	0.000059	-0.000083	0.002613	-0.005473	0.001270	0.000652	-0.000238
309	0.001013	0.000043	0.000001	-0.000128	0.000141	-0.000004	-0.000002	0.003268	-0.003425	0.000235	0.000313	0.000153
310	-0.000371	0.000307	0.000062	0.000177	-0.000033	0.000011	-0.000147	-0.001677	0.002569	-0.000836	-0.000234	0.000027
311	-0.001327	-0.000401	-0.000120	0.000013	-0.000205	0.000016	0.000155	-0.005184	0.003133	0.000527	-0.000147	-0.000288
312	0.000247	0.000915	0.000176	0.000168	0.000266	-0.000051	-0.000007	0.007481	-0.005301	-0.002181	0.000430	0.000794
313	0.012944	-0.012587	-0.014901	-0.000816	-0.000317	-0.000146	0.002159	-0.005309	-0.016300	0.015747	0.032950	-0.004018
314	0.003176	-0.001443	-0.000062	0.000129	-0.000309	-0.000121	0.000216	-0.000968	-0.000626	0.007736	-0.004682	-0.001146
315	-0.003683	0.001482	0.000754	-0.001085	0.000501	-0.000010	-0.000053	0.000806	0.001733	-0.006109	0.002524	0.000911
316	-0.000636	-0.001520	-0.000722	-0.000114	0.000032	0.000001	0.000086	0.000356	0.000198	-0.002612	0.002249	-0.000116
317	0.001515	-0.000001	0.000212	0.000697	-0.000276	0.000004	0.000007	-0.000400	-0.000576	0.003212	-0.002133	-0.000381
318	-0.000288	0.002897	0.001999	-0.000652	0.000124	0.000027	-0.000165	0.000014	0.000140	0.001986	-0.003316	0.000416
319	-0.000131	-0.001419	-0.002154	0.001020	-0.000077	0.000097	-0.000085	0.000211	-0.000830	-0.004320	0.005400	0.000310
320	-0.004238	0.004947	-0.016090	0.016466	0.010819	-0.010840	-0.004728	-0.003607	0.004186	-0.001617	-0.012674	0.010919
321	0.000106	0.000302	0.000074	-0.000703	0.001681	-0.001115	0.001634	-0.000106	-0.000235	-0.000358	0.000216	-0.002840
322	-0.000078	0.000629	0.000238	-0.000085	-0.001685	0.001396	-0.000590	-0.000044	0.000144	0.000225	0.000003	0.001189
323	-0.000167	0.000986	-0.000408	0.001860	0.000520	0.000462	0.000396	0.000401	0.000027	-0.000200	-0.000682	0.002395
324	0.000112	-0.000976	0.000302	-0.000946	0.000386	-0.000563	0.000048	-0.000138	-0.000046	0.000076	0.000329	-0.001847
325	0.000468	-0.001381	0.001200	-0.003930	-0.001860	-0.000168	-0.000633	-0.000457	-0.000102	0.000548	0.001336	-0.004651
326	-0.000427	0.000410	-0.001386	0.003735	0.000925	-0.000018	-0.000865	0.000353	0.000200	-0.000282	-0.001174	0.005654
327	-0.000121	-0.003644	-0.002093	-0.001373	-0.000797	-0.012685	0.010052	-0.014146	-0.005572	0.001854	-0.002907	-0.006874
328	0.000215	-0.000492	-0.000163	-0.000197	0.000037	-0.001169	0.003454	-0.001534	0.000088	0.000828	-0.000252	-0.000333
329	0.000033	0.000395	0.000201	0.000238	-0.000166	0.001453	-0.002493	0.000791	0.000072	-0.000267	0.000196	0.000767
330	0.000190	-0.000076	0.000069	-0.000124	0.000458	0.000581	0.000088	-0.000751	-0.000034	0.000197	0.000184	0.000363
331	-0.000059	-0.000028	-0.000076	-0.000085	0.000157	-0.000599	0.000662	0.000627	-0.000071	-0.000178	-0.000002	-0.000390
332	-0.000289	-0.000150	-0.000014	-0.000002	-0.000843	-0.000123	-0.000573	0.000728	0.000779	0.000010	-0.000009	0.000121
333	-0.000101	0.000353	-0.000020	0.000169	0.000352	-0.000140	-0.001170	0.000171	-0.000819	-0.000600	-0.000117	-0.000533

	181	182	183	184	185	186	187	188	189	190	191	192
1	0.000638	-0.001203	0.006531	0.003977	0.003689	-0.000593	-0.003092	-0.004518	-0.000142	0.000117	-0.000716	0.000125
2	-0.007442	-0.004619	-0.000880	-0.000543	-0.000742	0.000396	0.000597	0.000100	0.000112	-0.000477	0.001454	-0.000209
3	0.022601	-0.012780	0.035345	-0.000659	-0.002826	0.000422	0.003873	-0.000829	0.000045	-0.014261	0.004952	-0.003796
4	0.012499	0.014543	-0.012884	-0.000991	0.002325	-0.000736	-0.003146	0.002516	0.000064	0.010819	-0.000949	0.001865

5	-0.004400	0.022021	-0.003737	-0.001520	0.004438	0.000512	-0.003346	-0.000235	0.000035	0.000118	0.000395	-0.000031
6	0.001853	0.002368	-0.057120	0.003476	-0.002589	-0.000592	0.002187	-0.002445	-0.000131	-0.000257	0.001375	0.000079
7	-0.000479	0.001729	-0.007141	-0.002871	-0.004114	0.002653	0.004476	-0.000559	0.000086	0.000931	0.000289	-0.000454
8	0.009198	-0.020239	0.078859	-0.005364	-0.007886	-0.000086	0.013572	-0.000084	0.000100	-0.004983	-0.003583	-0.000028
9	-0.005571	-0.016566	-0.026197	-0.001627	-0.001923	0.000155	0.003965	-0.000902	0.000053	-0.009178	0.011562	-0.007476
10	0.008502	0.018800	0.004556	0.006172	0.006474	-0.000495	-0.008097	-0.004343	-0.000209	0.036212	-0.001729	0.005128
11	0.009216	0.002293	-0.005825	0.006718	0.007196	-0.000665	-0.008559	-0.004915	-0.000075	-0.013516	-0.001171	-0.001412
12	0.001258	0.003257	0.007325	0.000314	0.011480	-0.001609	-0.006047	-0.004165	-0.000015	0.002130	0.001594	-0.000856
13	-0.008311	0.006146	-0.011531	-0.000404	0.005015	-0.000150	-0.003074	-0.001168	0.000023	-0.000477	0.000005	0.000456
14	0.061260	-0.025809	0.004145	-0.003609	-0.009626	0.000999	0.006960	0.005555	0.000004	-0.001312	-0.000226	-0.000567
15	-0.040076	0.074654	-0.060880	-0.006509	-0.009088	0.001144	0.007329	0.007374	-0.000024	0.002735	0.001375	0.000900
16	0.003984	0.009948	0.052355	0.000843	0.000372	0.000498	-0.000925	-0.000658	-0.000070	0.004556	-0.005881	0.001948
17	-0.004727	0.005640	0.015495	-0.006893	-0.010953	0.001583	0.014760	0.001680	-0.000331	0.004394	0.001978	0.000300
18	-0.007338	-0.016229	-0.043399	0.004065	0.004948	-0.000849	-0.005915	-0.002395	0.000158	-0.002127	0.005142	-0.005780
19	0.003766	0.006755	0.005194	-0.001751	-0.000902	-0.000170	0.001307	0.001479	0.000124	0.025443	-0.009845	0.003436
20	0.014841	0.016971	0.002642	0.006672	0.006260	-0.001064	-0.007132	-0.004943	-0.000104	0.001572	0.004797	-0.001763
21	-0.001860	-0.005717	-0.006106	-0.003089	-0.002832	0.000329	0.003585	0.002071	-0.000008	-0.011158	0.001536	-0.002194
22	-0.015169	0.002341	0.008794	-0.000350	-0.000549	0.000454	0.000070	0.000265	0.000000	0.001194	-0.000899	0.000674
23	-0.022455	-0.014902	-0.016115	-0.000329	0.009094	-0.000397	-0.005902	-0.002505	0.000007	-0.000492	0.001143	-0.000557
24	0.018364	0.001351	-0.009459	-0.000584	-0.004115	0.000316	0.002711	0.001686	0.000037	0.001121	-0.000084	0.000511
25	0.068441	-0.064314	-0.006981	0.001655	0.001635	-0.000494	-0.001001	-0.001886	-0.000032	0.001008	0.000424	-0.000294
26	-0.006657	-0.045310	-0.023399	-0.002379	-0.005136	0.000609	0.003228	0.003903	0.000058	-0.000205	-0.000101	0.000433
27	-0.062995	0.077976	-0.010920	0.000863	0.001992	-0.000175	-0.001096	-0.001653	-0.000014	0.000546	0.000535	-0.000532
28	-0.003732	-0.016667	-0.033786	0.002194	0.003438	-0.000619	-0.005049	-0.000339	0.000233	-0.038769	0.009452	-0.011014
29	0.016002	0.022281	-0.002168	0.004530	0.007852	-0.001698	-0.009314	-0.001930	0.000056	-0.012705	-0.004271	-0.000251
30	0.009760	0.010986	0.001846	0.001024	0.000509	-0.000134	-0.000873	-0.000576	-0.000035	0.005524	0.004219	-0.000569
31	-0.008201	0.001226	0.000866	-0.001079	0.002498	0.000257	-0.001627	-0.000239	0.000058	-0.004208	-0.002352	0.000021
32	0.021757	0.008604	-0.027600	-0.000485	-0.002629	0.000129	0.001286	0.001745	0.000075	0.000533	0.002345	-0.001844
33	0.065417	0.010807	-0.009409	0.001317	-0.005753	-0.000589	0.004471	0.000803	0.000035	0.000579	-0.001887	0.001928
34	-0.017922	0.060309	-0.037030	-0.000441	-0.000298	0.000036	-0.000206	0.000920	0.000094	-0.003320	-0.002426	-0.000408
35	-0.011092	0.001488	0.067850	-0.002318	-0.003632	0.000834	0.004238	0.001053	-0.000005	0.004221	0.001065	0.000635
36	-0.000319	0.001741	-0.008363	-0.000215	-0.000496	0.000181	0.000437	0.000118	-0.000061	0.000238	0.000382	0.000072
37	0.000410	-0.000489	-0.001794	-0.000120	-0.000260	0.000017	0.000249	0.000121	-0.000017	0.005344	-0.002880	0.002362
38	-0.000079	-0.000829	0.000095	0.000241	0.000282	-0.000157	-0.000176	-0.000201	0.000034	-0.001606	0.002131	-0.003867
39	-0.000312	-0.000334	0.000715	0.000277	0.000383	-0.000100	-0.000297	-0.000277	0.000012	0.000206	0.000385	0.000012
40	0.000504	-0.000407	0.000565	0.000139	0.000332	0.000050	-0.000371	-0.000162	0.000015	0.000052	0.000105	0.000028
41	0.000083	-0.000201	0.000716	0.000201	0.000250	-0.000019	-0.000310	-0.000136	0.000013	0.000036	0.000020	0.000007
42	-0.009911	0.001425	0.001438	0.000246	0.000122	-0.000062	-0.000154	-0.000152	0.000005	0.000025	0.000065	-0.000011
43	0.002699	-0.012778	0.005319	-0.000037	-0.000140	0.000052	0.000097	0.000038	-0.000011	0.000033	0.000048	-0.000029
44	0.002355	0.004859	0.002277	0.002145	0.003780	-0.000693	-0.004614	-0.000823	0.000118	0.275141	-0.005099	-0.015588
45	0.002900	0.003256	-0.003028	0.000274	0.001457	0.000099	-0.001336	-0.000559	0.000019	0.000175	-0.000076	0.000174
46	0.011445	0.000462	-0.005216	-0.000378	-0.002732	0.000027	0.002120	0.001054	0.000024	0.000227	0.000273	0.000044
47	-0.004034	0.009313	0.010109	-0.001056	-0.001405	0.000226	0.001407	0.000905	0.000072	0.000094	0.000239	-0.000062
48	-0.001122	-0.000271	-0.002204	-0.015460	-0.021018	0.003361	0.018511	0.004388	0.000355	0.000466	0.000431	-0.000206
49	0.000264	-0.000495	0.001608	0.007221	0.013810	-0.001243	-0.012202	-0.004389	0.000284	-0.000151	-0.000547	0.000084
50	-0.000901	-0.000501	0.001862	0.024770	0.023624	-0.008045	-0.024219	0.001571	-0.000605	-0.001394	-0.000400	0.000710
51	0.001300	0.001315	0.001548	0.002326	0.003671	-0.000599	-0.000927	-0.000881	0.000608	0.000588	0.001003	-0.000526
52	-0.001075	-0.002395	-0.005856	-0.027262	-0.034477	0.006433	0.035093	0.008155	-0.001217	-0.000466	-0.000692	-0.000029
53	-0.001085	-0.000571	0.000728	-0.001977	-0.004112	-0.000338	0.004192	0.002534	0.000039	0.000021	0.000031	-0.000015
54	0.000281	0.000084	0.000168	0.000032	0.000300	-0.000153	0.000143	-0.000387	-0.000096	0.000041	0.000046	-0.000029

55	-0.000078	-0.000514	0.000681	0.000811	0.001243	0.001879	-0.003152	-0.000814	-0.001646	0.000108	-0.000796	-0.000184
56	0.001222	-0.000101	-0.003438	0.003964	0.005170	-0.001080	-0.004962	-0.002304	0.000129	-0.000924	-0.000165	0.000103
57	-0.000033	0.000011	0.000161	-0.000562	-0.000228	-0.000233	0.000792	0.000326	-0.001962	0.000000	-0.000014	-0.000063
58	-0.000259	-0.000065	-0.000106	0.000467	-0.000782	-0.000782	0.011147	-0.002816	0.023612	-0.000006	0.000145	0.000127
59	-0.000094	-0.000171	-0.000230	-0.000518	-0.000076	0.008122	-0.010980	0.003052	-0.022139	-0.000073	0.000179	-0.000043
60	0.002742	-0.001481	-0.002075	-0.005130	-0.002943	0.000589	0.002371	0.005272	0.000146	0.000148	0.000142	-0.000047
61	-0.002941	0.022239	-0.002189	0.005758	-0.003764	0.001543	-0.012654	0.009576	0.000653	0.002049	-0.000923	-0.001894
62	-0.010089	-0.016306	-0.009577	-0.008307	0.003665	-0.002807	0.011253	-0.003673	-0.000626	-0.003295	-0.001994	0.002905
63	-0.029207	0.012074	0.019750	-0.003143	0.008865	-0.005068	0.009839	-0.010613	-0.000665	-0.004704	-0.000794	0.003056
64	0.000245	-0.000292	-0.016180	0.010077	-0.003601	0.002859	-0.013840	0.004643	0.000408	0.003111	-0.001584	-0.001992
65	0.023025	-0.013236	-0.004017	-0.024725	-0.058329	0.007406	0.041928	0.033779	0.000484	0.007299	0.002500	-0.003771
66	-0.010731	0.009364	0.007689	-0.015770	0.023866	-0.002157	-0.006814	-0.000719	-0.000212	-0.000901	0.003599	0.000378
67	0.009781	-0.020861	-0.013921	0.021973	0.053435	-0.003890	-0.039203	-0.032716	-0.000471	-0.004543	-0.000798	0.002627
68	0.020728	0.006756	0.017591	0.013806	-0.024392	0.002150	0.009691	0.000072	0.000436	0.001330	-0.000019	-0.001282
69	-0.005137	0.002395	0.005941	0.001011	0.000433	-0.000348	0.000320	-0.001559	-0.000038	-0.005995	0.000564	-0.001023
70	-0.009585	-0.008999	0.002109	-0.000490	-0.002091	0.000366	0.001426	0.000737	-0.000040	0.003596	0.000297	0.000718
71	0.012887	-0.005115	-0.014108	-0.000803	0.000601	-0.000318	-0.000152	0.000713	0.000072	0.001329	-0.000356	0.000203
72	0.005744	0.010054	0.006708	-0.000125	0.000584	0.000618	-0.001104	0.000127	0.000027	0.001358	-0.000026	-0.000083
73	0.025943	-0.015248	0.030127	-0.000887	0.000107	-0.000508	-0.000349	0.001643	0.000145	0.004306	-0.006012	0.002668
74	-0.003961	-0.000368	0.028874	-0.001326	-0.001703	0.000090	0.003063	-0.000166	0.000044	0.000837	0.000846	-0.000998
75	-0.008628	-0.011211	0.004201	-0.001435	-0.002039	-0.000109	0.003828	-0.000252	0.000090	-0.001152	0.005581	-0.002079
76	0.005384	-0.005489	-0.057647	0.005323	0.007991	-0.001156	-0.009643	-0.002817	0.000144	-0.023573	0.000761	-0.003759
77	-0.001558	-0.000235	0.000406	-0.002531	-0.001668	0.000587	-0.000123	0.003713	0.000091	0.003016	-0.007629	0.002352
78	0.005213	0.006465	0.004086	0.002872	0.002424	-0.000170	-0.002886	-0.002316	-0.000077	0.012155	0.000234	0.002901
79	0.002447	0.003465	0.001796	0.002291	0.001712	-0.000064	-0.002352	-0.001673	-0.000096	0.003657	-0.000291	0.000854
80	-0.013117	-0.016265	-0.012847	-0.000444	0.001052	-0.000077	0.000416	-0.000884	0.000011	-0.014663	0.001685	-0.003090
81	0.025587	0.022650	0.021028	0.003237	0.003148	-0.000605	-0.002800	-0.003025	0.000025	0.000648	-0.000804	0.000015
82	-0.026091	-0.008358	-0.002631	-0.000477	0.002682	-0.000245	-0.001329	-0.000597	-0.000028	0.000501	0.000248	0.000035
83	-0.011007	-0.008963	-0.007070	-0.000288	0.003414	-0.000428	-0.001756	-0.000923	-0.000018	0.000643	0.000507	-0.000034
84	0.044831	0.026569	0.008921	-0.001729	-0.007579	0.000437	0.005858	0.003202	0.000006	-0.001296	-0.000198	-0.000047
85	-0.001982	-0.017939	0.024561	0.002151	-0.000156	0.000080	-0.000778	-0.001370	-0.000061	-0.000770	-0.000666	-0.000025
86	0.048225	-0.001811	-0.006444	-0.002038	-0.002864	0.000398	0.002122	0.002487	0.000012	0.000644	0.000146	0.000080
87	0.011832	0.035996	-0.011542	-0.001510	-0.002520	0.000364	0.001651	0.002135	0.000020	0.000403	0.000164	0.000025
88	-0.072066	0.058618	-0.017121	-0.003557	-0.003120	0.000094	0.004418	0.002135	-0.000084	0.000098	0.000936	-0.000074
89	-0.001628	-0.010468	-0.016601	0.000479	0.000713	-0.000348	-0.000418	-0.000490	0.000052	-0.008345	-0.013291	0.004627
90	-0.009783	-0.002546	0.003736	-0.000200	-0.000606	0.000170	0.000296	0.000339	-0.000002	-0.001455	-0.000257	-0.000109
91	0.036712	0.009512	0.002528	-0.000188	-0.000101	-0.000224	0.000320	0.000198	0.000017	-0.000029	-0.000235	0.000075
92	0.002581	0.029051	-0.013328	-0.000016	-0.000013	0.000232	-0.000279	0.000092	0.000004	-0.001426	-0.001211	0.000231
93	0.001306	-0.001813	-0.007535	0.000649	0.000886	-0.000017	-0.001672	0.000176	0.000002	-0.000524	-0.000627	0.000461
94	0.002640	0.002182	-0.021214	0.000676	0.000816	-0.000074	-0.001390	-0.000010	-0.000046	-0.000309	-0.000210	0.000535
95	0.004670	0.005869	-0.003732	0.000317	0.000584	0.000139	-0.001453	0.000427	-0.000072	-0.001979	-0.003469	0.000600
96	0.003678	0.004851	-0.000561	0.001059	0.001391	-0.000029	-0.002295	-0.000132	-0.000017	0.003135	-0.002068	0.001461
97	-0.003185	-0.003681	-0.001205	-0.001505	-0.001246	0.000073	0.001501	0.001213	0.000058	0.001260	0.001588	-0.002494
98	-0.001968	-0.002838	-0.002957	-0.001355	-0.001163	0.000099	0.001369	0.001091	0.000018	-0.013416	-0.001811	-0.000422
99	-0.000581	-0.000727	-0.000750	-0.001016	-0.000770	0.000005	0.001068	0.000755	0.000053	-0.001789	0.000406	-0.000364
100	-0.001977	-0.002592	-0.000839	-0.001302	-0.000967	0.000054	0.001318	0.000945	0.000044	-0.001880	-0.000166	-0.000449
101	0.012418	0.004174	0.001946	0.000372	-0.001355	0.000131	0.000609	0.000220	0.000006	-0.000205	-0.000139	-0.000047
102	0.012896	0.003881	0.000570	0.000107	-0.001340	0.000118	0.000724	0.000381	0.000020	-0.000298	-0.000129	0.000018
103	0.005761	0.004742	0.002939	0.000193	-0.001448	0.000194	0.000705	0.000345	0.000004	-0.000333	-0.000263	0.000008
104	0.005403	0.004239	0.004103	0.000090	-0.001976	0.000235	0.001059	0.000585	0.000014	-0.000310	-0.000240	0.000024

105	-0.021068	0.000262	0.003587	0.001035	0.001437	-0.000207	-0.001047	-0.001273	-0.000008	-0.000325	-0.000067	-0.000030
106	-0.026631	0.001590	0.003015	0.000983	0.001397	-0.000184	-0.001050	-0.001194	-0.000003	-0.000315	-0.000082	-0.000047
107	-0.002271	-0.024677	0.007144	0.000939	0.001434	-0.000246	-0.000984	-0.001204	-0.000007	-0.000208	-0.000122	-0.000024
108	-0.009527	-0.010383	0.004392	0.000586	0.001129	-0.000130	-0.000696	-0.000949	-0.000013	-0.000207	-0.000059	0.000004
109	-0.000318	0.006421	0.011607	-0.000426	-0.000283	0.000364	-0.000412	0.000778	0.000069	-0.005377	0.010949	-0.009738
110	0.002149	0.003889	0.004323	0.000001	-0.000334	-0.000036	0.000731	-0.000321	-0.000121	0.013741	0.002413	0.005240
111	0.004258	0.001619	-0.001718	-0.000284	-0.000587	0.000049	0.000367	0.000480	-0.000007	0.000973	0.000845	-0.000252
112	0.005358	0.001138	-0.002306	0.000425	0.001103	-0.000227	-0.000559	-0.000763	0.000007	0.000437	-0.000662	0.000387
113	-0.042171	0.003222	0.001507	-0.000222	-0.000234	0.000403	-0.000310	0.000362	-0.000019	0.000380	0.000784	-0.000182
114	0.005474	-0.012149	-0.003856	0.000391	0.000287	-0.000179	0.000035	-0.000536	0.000005	-0.000345	-0.000534	0.000109
115	-0.007461	0.013954	-0.033301	-0.000813	-0.000712	0.000144	0.000614	0.000769	-0.000014	0.000949	0.001310	-0.000244
116	0.005786	-0.042938	0.046509	0.000842	0.000769	-0.000388	-0.000362	-0.000878	0.000003	0.000449	-0.000178	0.000022
117	0.004249	0.003006	0.002434	0.043959	0.066533	-0.005940	-0.071322	-0.028258	0.001013	-0.002036	-0.001853	0.001061
118	-0.000297	0.000359	0.002044	0.028039	0.026800	-0.007606	-0.028817	-0.004856	-0.000324	-0.001185	-0.000768	0.000639
119	-0.000132	0.000810	0.002445	0.024176	0.031338	-0.007843	-0.031116	-0.004703	-0.000379	-0.000974	-0.000575	0.000595
120	-0.000450	-0.000228	-0.000796	0.004320	0.003513	-0.001614	-0.004231	-0.000993	-0.000534	-0.000441	-0.000482	0.000170
121	0.000235	0.000095	0.000480	-0.002331	-0.002265	0.001041	0.002005	0.000301	0.000249	0.000243	0.000255	-0.000084
122	0.000213	0.000127	0.000334	-0.002041	-0.003525	0.001064	0.003835	0.001102	0.000275	0.000196	0.000225	-0.000082
123	-0.000026	0.000653	-0.000814	0.003183	0.001456	-0.002282	-0.002211	0.000839	-0.000340	-0.000647	-0.000162	0.000292
124	-0.000482	-0.001100	0.000279	-0.001878	0.000519	0.002116	-0.000533	0.000969	-0.000155	0.000034	-0.000140	0.000074
125	0.000512	0.000460	0.000501	-0.000420	0.000591	0.000768	-0.001533	-0.001776	0.000648	0.000619	0.000306	-0.000375
126	0.000732	0.002446	0.002444	0.024795	0.026937	-0.007971	-0.026802	-0.004715	-0.000562	-0.000753	0.000003	0.000329
127	0.000049	-0.000230	0.000147	0.018230	0.018172	-0.006522	-0.017582	0.001327	-0.000642	-0.001510	-0.000432	0.000597
128	0.000171	0.000276	0.000161	0.000231	0.001376	-0.000619	-0.000083	-0.000561	-0.002673	0.000102	-0.000160	-0.000104
129	-0.000257	-0.000406	0.000294	-0.001571	-0.001419	-0.016914	0.027651	-0.007471	0.030277	-0.000007	0.000107	0.000027
130	-0.000272	-0.000230	-0.000041	0.001394	0.000508	0.017751	-0.028089	0.007610	-0.027133	0.000012	0.000118	-0.000040
131	0.000037	0.000099	0.000149	-0.002109	-0.005688	0.001390	0.007314	-0.000583	0.005073	-0.000026	-0.000052	0.000193
132	0.000135	0.000140	-0.000607	0.002236	0.005684	-0.001652	-0.007191	0.000705	-0.007043	-0.000128	0.000043	-0.000143
133	0.000196	0.000134	0.000034	-0.000182	-0.000455	-0.000009	0.000480	0.000278	0.001471	0.000045	-0.000060	0.000067
134	-0.018387	-0.027898	0.016575	-0.001774	-0.002410	-0.001014	0.004835	0.000277	0.000102	0.000610	0.005093	-0.001133
135	-0.015824	-0.057848	-0.069567	0.003480	0.005214	-0.000919	-0.005543	-0.002423	0.000056	0.002173	0.003189	0.000008
136	-0.006219	0.000422	0.053065	-0.000192	0.000001	-0.000146	0.000558	-0.000302	-0.000050	0.001764	0.003440	-0.000761
137	-0.009998	-0.017538	-0.003360	-0.002107	-0.002275	0.000014	0.002848	0.001557	0.000014	0.000150	0.001523	-0.000652
138	0.009634	-0.016621	-0.072278	0.001266	0.002602	-0.001115	-0.002419	-0.000173	0.000181	-0.002714	0.001221	0.003163
139	0.007382	-0.006282	-0.017223	0.006155	0.009294	-0.000147	-0.010170	-0.005477	-0.000037	0.002475	0.005078	-0.003167
140	0.002553	-0.005985	-0.014401	0.001071	0.001436	0.000020	-0.000992	-0.001495	-0.000043	0.002283	-0.000133	-0.000540
141	0.007073	-0.006473	-0.008990	0.001253	0.001762	0.000262	-0.001929	-0.001441	-0.000038	-0.000220	0.001226	-0.001716
142	0.005818	-0.007656	-0.010845	0.001445	0.001371	0.000226	-0.001774	-0.001409	-0.000027	0.000636	0.002657	-0.002157
143	0.004152	-0.000634	0.012708	0.002127	0.001619	0.000071	-0.002430	-0.001546	-0.000057	0.003163	0.002704	-0.001104
144	0.053864	0.027359	0.008786	0.002564	0.005710	-0.001212	-0.003935	-0.002917	0.000198	0.000767	0.001494	-0.000596
145	0.019350	-0.008168	-0.001167	-0.001330	-0.002235	-0.000274	0.002422	0.001472	0.000039	0.000890	0.002368	-0.000916
146	0.021035	0.008196	0.003152	-0.000052	0.000396	-0.000106	-0.000117	-0.000120	0.000045	0.000060	0.000569	-0.000196
147	-0.024481	-0.002684	0.004485	0.000804	0.001580	-0.000134	-0.001269	-0.001024	0.000001	0.000079	-0.000744	0.000218
148	0.053028	0.023198	0.008737	-0.000146	0.000229	-0.000750	0.000496	0.000034	0.000013	0.000102	0.000217	0.000154
149	0.015692	-0.008099	0.030626	-0.005207	-0.010018	0.001420	0.007913	0.006209	0.000216	0.000000	0.001164	0.000208
150	-0.076624	0.075576	0.017676	-0.002930	-0.003012	0.000457	0.002764	0.002776	0.000081	0.000234	-0.000275	0.000302
151	0.051844	0.004081	0.015650	-0.002023	-0.002980	0.000668	0.002413	0.001969	0.000044	0.000424	-0.000334	0.000268
152	-0.001810	-0.050890	0.000286	-0.000887	-0.002370	0.000651	0.001620	0.001026	0.000033	0.000695	0.000907	-0.000306
153	-0.072432	0.074421	0.063380	0.000140	-0.001395	0.000357	0.000361	0.000586	0.000096	0.000959	0.001818	-0.000229
154	0.010109	-0.007751	-0.033239	0.002654	0.004719	-0.000979	-0.004902	-0.001616	0.000034	0.001055	0.003658	0.006335

155	0.004608	-0.006087	0.008305	0.001684	0.002533	0.000209	-0.002954	-0.001569	0.000063	0.001245	0.002102	-0.000746
156	0.000643	0.036219	0.011066	-0.001165	-0.002987	0.000000	0.002755	0.001471	0.000153	0.000433	0.000949	0.000081
157	-0.030146	-0.001748	0.003756	-0.000429	-0.001484	0.000412	0.000914	0.000580	0.000201	0.000885	0.002607	-0.000291
158	-0.000789	-0.000397	0.000303	-0.012366	-0.331701	0.127672	0.255149	-0.002768	-0.002770	-0.000553	0.000024	0.000371
159	0.000686	0.001656	-0.004910	0.014557	0.637993	-0.137580	-0.450931	-0.114649	0.002705	0.000770	0.000623	-0.001258
160	0.000571	0.001861	-0.004596	0.117993	0.342365	0.080364	-0.570460	0.004214	0.020432	0.000801	0.000535	-0.001212
161	0.000408	-0.000309	0.000682	-0.008189	-0.241019	-0.086320	0.350035	0.008190	0.002122	0.000361	0.000009	-0.000407
162	-0.002628	0.001412	-0.000774	0.000088	-0.000766	0.000172	0.000517	0.000054	0.000000	0.000111	-0.000025	-0.000023
163	0.006618	0.006103	-0.002514	0.002698	-0.006949	0.002940	-0.007581	0.009067	0.000570	0.002852	-0.000002	-0.002154
164	-0.007341	-0.000423	0.078643	0.001136	0.001766	-0.000739	-0.000754	-0.001609	0.000119	0.000563	0.004642	-0.002123
165	-0.006803	-0.010828	-0.030906	-0.000343	-0.000328	0.000191	0.000035	0.000421	-0.000059	-0.002203	-0.000935	-0.000317
166	0.004782	0.001156	-0.003123	0.001959	0.001804	0.000410	-0.002724	-0.001498	-0.000114	0.005194	-0.000427	0.000199
167	0.009268	-0.008788	-0.011989	0.000903	0.001649	0.000730	-0.001891	-0.001494	-0.000058	-0.001460	0.000011	0.000461
168	-0.001577	-0.002504	-0.006009	-0.000140	-0.000188	-0.000007	0.000315	0.000039	0.000016	0.000619	0.000958	-0.001284
169	-0.006395	0.010910	0.007166	-0.001150	-0.001036	-0.000752	0.001928	0.001216	0.000028	-0.000302	-0.003713	0.002250
170	-0.009389	-0.011417	-0.008635	0.000559	-0.000430	0.000130	-0.000318	0.000089	-0.000127	-0.000225	-0.002498	0.000771
171	-0.043704	-0.020798	-0.005632	-0.000220	-0.000875	0.000356	0.000323	0.000410	-0.000055	-0.000036	-0.000971	0.000260
172	0.009698	-0.008220	-0.008036	-0.001064	-0.002755	0.000511	0.001846	0.001515	-0.000063	-0.000186	0.000097	-0.000147
173	0.075146	0.003081	-0.000277	-0.003095	-0.004258	0.001125	0.003596	0.002701	0.000072	0.000480	-0.000366	0.000448
174	-0.028752	-0.031751	-0.010139	-0.000001	0.000172	-0.000060	-0.000024	-0.000099	-0.000018	0.000003	-0.000009	-0.000150
175	-0.004962	0.077357	-0.000939	0.000670	0.002839	-0.000952	-0.001763	-0.000837	-0.000043	-0.001127	-0.001455	0.000388
176	0.006801	-0.021030	-0.039543	-0.004632	-0.006032	0.000809	0.006751	0.003374	0.000095	0.014181	-0.010506	0.003385
177	-0.003229	-0.012664	-0.017177	0.002446	0.002199	-0.000693	-0.002386	-0.001742	-0.000058	-0.014302	0.009404	-0.000191
178	-0.011192	-0.002516	0.010742	0.000109	-0.001879	-0.000091	0.001225	0.000588	0.000055	0.001182	0.003226	-0.001016
179	-0.009142	0.010195	-0.005477	0.002751	0.006053	-0.000295	-0.005749	-0.002884	-0.000073	0.001093	-0.001825	0.000468
180	-0.064141	-0.018600	-0.009304	0.000542	0.004045	-0.000176	-0.002616	-0.001848	-0.000130	-0.000175	-0.003058	0.000675
181	0.324805	-0.044336	-0.020738	0.001737	0.000478	-0.000280	-0.000850	-0.001094	0.000059	0.001125	0.002861	-0.001010
182	-0.044336	0.320266	-0.064656	0.001776	0.001682	-0.000003	-0.002184	-0.001343	-0.000081	-0.000251	0.001408	-0.001245
183	-0.020738	-0.064656	0.311235	-0.004777	-0.006180	0.000668	0.005691	0.004829	0.000174	-0.002401	-0.001410	-0.000150
184	0.001737	0.001776	-0.004777	0.208834	0.030595	0.043898	-0.159301	-0.063232	-0.000825	0.000324	0.000774	-0.001025
185	0.000478	0.001682	-0.006180	0.030595	1.458493	-0.205420	-0.735477	-0.144156	-0.003737	0.001080	0.000753	-0.001494
186	-0.000280	-0.000003	0.000668	0.043898	-0.205420	0.285777	-0.111114	0.056519	-0.013623	-0.000090	-0.000153	0.000361
187	-0.000850	-0.002184	0.005691	-0.159301	-0.735477	-0.111114	1.503890	0.010953	0.015827	-0.001690	-0.000565	0.001601
188	-0.001094	-0.001343	0.004829	-0.063232	-0.144156	0.056519	0.010953	0.202387	0.001935	0.000279	-0.000839	0.000634
189	0.000059	-0.000081	0.000174	-0.000825	-0.003737	-0.013623	0.015827	0.001935	0.107377	0.000036	-0.000003	-0.000105
190	0.001125	-0.000251	-0.002401	0.000324	0.001080	-0.000090	-0.001690	0.000279	0.000036	5.534620	0.203846	0.055692
191	0.002861	0.001408	-0.001410	0.000774	0.000753	-0.000153	-0.000565	-0.000839	-0.000003	0.203846	5.769690	0.202440
192	-0.001010	-0.001245	-0.000150	-0.001025	-0.001494	0.000361	0.001601	0.000634	-0.000105	0.055692	0.202440	5.779600
193	-0.000265	-0.000195	0.000618	-0.000512	-0.000689	0.000149	0.000696	0.000377	0.000023	1.190200	0.079749	0.221155
194	-0.000226	-0.000373	-0.000486	-0.000239	-0.000330	0.000017	0.000417	0.000146	0.000053	0.087974	1.210020	0.087161
195	-0.001638	0.000220	0.000824	-0.001381	-0.001561	0.000266	0.001577	0.001163	-0.000058	0.243910	0.086778	1.190270
196	0.000034	0.000022	0.000282	-0.000445	-0.000549	0.000091	0.000480	0.000434	0.000012	0.082957	0.087309	-0.005970
197	-0.000042	-0.000063	0.000159	0.000262	0.000257	-0.000075	-0.000199	-0.000251	0.000019	-0.010490	0.089429	0.091566
198	-0.000027	-0.000077	0.000051	-0.000145	-0.000204	0.000065	0.000207	0.000089	-0.000010	-0.004713	-0.006899	0.089660
199	-0.000189	-0.000080	0.000238	-0.000182	-0.000251	0.000067	0.000238	0.000139	-0.000014	-0.004755	-0.005440	-0.006948
200	-0.000072	-0.000364	-0.000191	-0.000500	-0.000617	0.000107	0.000627	0.000403	-0.000030	-0.007603	-0.005386	-0.001734
201	-0.000112	0.001141	-0.000990	-0.000295	-0.000276	0.000050	0.000165	0.000358	0.000019	0.000451	0.000028	0.000075
202	0.000613	0.000503	-0.000240	0.000297	0.000107	-0.000035	-0.000133	-0.000245	0.000004	0.000120	0.000262	0.000091
203	-0.000501	0.000150	0.000008	-0.000340	-0.000568	-0.000018	0.000570	0.000366	0.000003	0.000040	0.000157	-0.000034
204	0.000420	0.000526	-0.000221	-0.000241	-0.000570	-0.000041	0.000473	0.000400	0.000010	0.000045	-0.000046	0.000025

205	-0.001469	-0.002266	0.002043	0.001311	0.001344	-0.000238	-0.001272	-0.001165	0.000013	0.000256	0.000136	0.000059
206	0.000263	-0.000713	0.000162	0.000355	0.001045	-0.000169	-0.000812	-0.000459	-0.000003	0.000107	0.000199	0.000040
207	0.000051	-0.000047	-0.000072	-0.000113	-0.000168	0.000034	0.000103	0.000148	0.000015	0.000105	-0.000008	0.000030
208	-0.000019	0.000068	-0.000014	-0.000119	-0.000165	0.000007	0.000144	0.000139	0.000011	0.000081	0.000090	0.000051
209	-0.000004	-0.000048	0.000019	0.000010	-0.000071	-0.000024	0.000057	0.000033	0.000004	0.000036	0.000087	0.000019
210	-0.000099	-0.000114	0.000041	0.000255	0.000218	-0.000026	-0.000212	-0.000241	0.000005	0.000025	0.000093	0.000021
211	-0.000587	-0.000576	0.000240	-0.000289	-0.000368	-0.000160	0.000536	0.000289	-0.000007	-0.000018	-0.000053	-0.000011
212	0.013602	-0.001938	-0.000977	0.000110	0.000384	0.000018	-0.000385	-0.000143	0.000022	0.000305	0.000312	-0.000183
213	-0.003776	-0.001365	0.000976	0.000113	0.000289	-0.000035	-0.000207	-0.000167	-0.000014	0.000152	-0.000230	-0.000073
214	-0.002670	-0.000826	-0.000332	0.000022	0.000245	0.000013	-0.000195	-0.000092	-0.000002	-0.000129	-0.000227	0.000135
215	0.001919	0.002107	0.000431	-0.000039	0.000665	0.000058	-0.000561	-0.000141	0.000021	0.000017	0.000366	-0.000036
216	-0.000378	-0.000201	-0.000944	-0.000098	0.000117	0.000019	-0.000113	0.000080	0.000023	0.000217	0.000497	-0.000023
217	-0.017934	0.002003	0.000702	-0.000323	-0.001349	0.000052	0.001059	0.000610	0.000004	-0.000051	-0.000166	0.000086
218	0.001008	0.000336	-0.000089	0.000041	0.000190	-0.000002	-0.000181	-0.000055	0.000009	-0.000009	0.000000	-0.000014
219	0.001360	-0.000120	-0.000073	-0.000023	0.000038	0.000034	-0.000054	0.000004	0.000009	0.000047	0.000121	0.000001
220	-0.000405	-0.000090	0.000005	0.000018	0.000132	0.000007	-0.000102	-0.000057	0.000009	0.000041	0.000079	0.000012
221	-0.000602	0.000125	-0.000082	-0.000073	-0.000040	0.000016	0.000025	0.000077	0.000002	0.000018	0.000099	0.000019
222	-0.000172	0.000047	-0.000581	0.000184	0.000331	-0.000030	-0.000356	-0.000141	-0.000001	-0.000037	0.000000	0.000024
223	-0.001954	0.013432	-0.012180	-0.000664	-0.001084	0.000136	0.001149	0.000507	-0.000031	0.000228	0.000065	-0.000043
224	0.000906	0.002205	-0.001541	-0.000711	-0.000920	0.000266	0.000730	0.000668	-0.000041	0.000130	0.000438	-0.000026
225	-0.000622	-0.002759	-0.000770	0.000464	0.000413	-0.000096	-0.000427	-0.000377	-0.000062	-0.000083	0.000116	0.000073
226	0.001790	0.000749	-0.003584	0.000366	0.000329	-0.000004	-0.000292	-0.000408	-0.000049	0.000105	0.000049	0.000008
227	-0.000092	0.002101	-0.001797	0.000185	0.000268	0.000035	-0.000336	-0.000150	-0.000011	0.000166	0.000118	0.000006
228	0.001282	-0.020548	0.019852	0.000130	-0.000001	-0.000032	-0.000028	-0.000080	-0.000028	0.000354	0.000247	-0.000032
229	-0.000011	0.000330	-0.000437	-0.000199	-0.000508	0.000178	0.000535	0.000011	-0.000060	0.000001	0.000015	-0.000017
230	-0.000220	0.000493	-0.000347	-0.000435	-0.000451	0.000134	0.000340	0.000428	0.000001	0.000045	0.000110	-0.000008
231	0.000030	-0.000436	0.000217	0.000129	0.000142	-0.000024	-0.000159	-0.000092	-0.000025	0.000019	0.000082	0.000004
232	0.000025	-0.001154	0.001184	0.000142	0.000142	-0.000030	-0.000146	-0.000115	0.000014	0.000018	0.000132	-0.000005
233	0.000008	-0.000037	-0.001701	0.000289	0.000210	-0.000085	-0.000141	-0.000283	-0.000008	0.000018	-0.000006	-0.000015
234	-0.002339	0.001843	0.002121	-0.001093	-0.001525	0.000109	0.001868	0.000715	0.000189	0.237325	0.130497	-0.565701
235	0.004222	0.001275	-0.002767	0.004898	0.007038	-0.001444	-0.007747	-0.003073	0.000157	0.552858	0.149612	-0.589303
236	0.000598	-0.000272	-0.001505	-0.000907	-0.000793	0.000408	0.000361	0.000947	-0.000185	0.508557	0.308578	0.154994
237	0.000252	-0.000919	-0.000225	-0.001657	-0.002796	0.000628	0.003321	0.000653	-0.000220	0.267412	0.537413	0.156643
238	-0.000347	-0.000310	0.000421	0.000717	0.000892	-0.000267	-0.000874	-0.000511	0.000115	0.147065	0.515061	0.298643
239	-0.000331	-0.000345	0.000368	0.000139	0.000236	-0.000062	-0.000312	-0.000019	0.000056	0.146482	0.284990	0.526535
240	0.000539	0.000688	0.000037	0.000383	0.000412	-0.000100	-0.000334	-0.000371	0.000016	-0.551748	0.150408	0.518903
241	0.000649	0.000729	0.000041	0.000576	0.000683	-0.000182	-0.000608	-0.000493	0.000046	-0.515545	0.149208	0.290053
242	-0.000312	-0.000367	0.000083	-0.000362	-0.000547	0.000151	0.000578	0.000210	-0.000063	-0.513204	-0.574805	0.154816
243	-0.000305	-0.000383	-0.000067	-0.000283	-0.000448	0.000123	0.000490	0.000145	-0.000061	-0.550068	-0.538880	0.151909
244	-0.001757	-0.001235	0.001425	-0.001029	-0.001366	0.000261	0.001432	0.000757	-0.000011	0.132758	-0.538159	-0.566023
245	-0.000870	-0.000704	0.000070	-0.001379	-0.001777	0.000374	0.001811	0.001038	-0.000038	0.138075	-0.573886	-0.531405
246	0.000722	-0.001889	0.001318	0.002514	0.005304	-0.000154	-0.004728	-0.003072	-0.000009	0.000378	0.000095	0.000218
247	-0.000639	0.000809	-0.000902	-0.000274	-0.001200	0.000027	0.001095	0.000365	0.000002	0.000323	0.000497	0.000108
248	0.000290	0.000883	-0.000867	-0.001005	-0.001542	0.000104	0.001417	0.001061	0.000004	-0.000262	-0.000170	-0.000126
249	0.000417	0.001442	-0.001033	-0.000904	-0.001341	0.000122	0.001223	0.000926	-0.000001	-0.000231	-0.000031	-0.000113
250	-0.000095	0.000127	-0.000017	-0.000097	-0.000203	0.000009	0.000148	0.000154	-0.000009	0.000070	-0.000035	0.000043
251	-0.000056	0.000052	0.000128	-0.000188	-0.000279	0.000014	0.000225	0.000241	0.000008	0.000023	-0.000108	0.000006
252	-0.000011	-0.000530	0.000475	0.000499	0.000574	-0.000050	-0.000530	-0.000506	0.000001	0.000061	0.000105	0.000033
253	0.000008	-0.000472	0.000407	0.000491	0.000465	-0.000052	-0.000456	-0.000456	0.000004	0.000062	0.000101	0.000039
254	0.000038	0.000478	-0.000385	-0.000417	-0.000301	0.000050	0.000364	0.000304	-0.000013	-0.000124	0.000003	-0.000040

255	0.000012	0.000447	-0.000460	-0.000031	0.000151	0.000051	-0.000077	-0.000106	0.000001	-0.000085	0.000064	-0.000029
256	-0.000470	-0.000824	0.000896	-0.000052	-0.001252	-0.000045	0.000903	0.000503	0.000019	-0.000061	-0.000191	-0.000056
257	-0.000206	-0.000514	0.000440	-0.000536	-0.000379	-0.000078	0.000423	0.000586	-0.000006	-0.000158	-0.000334	-0.000083
258	-0.023556	0.003139	0.000881	-0.000454	-0.003948	0.000005	0.002966	0.001547	0.000080	0.000708	0.001579	-0.000277
259	0.025147	-0.006012	-0.001589	0.000348	0.001108	-0.000118	-0.000714	-0.000641	-0.000069	0.000070	-0.001034	0.000093
260	-0.005726	-0.001205	0.000496	0.000163	0.000815	0.000010	-0.000644	-0.000374	-0.000020	-0.000246	-0.000698	0.000020
261	-0.006595	-0.001384	0.000617	0.000161	0.000685	-0.000041	-0.000520	-0.000313	-0.000018	-0.000238	-0.000502	0.000064
262	0.009119	0.001781	-0.000192	-0.000080	0.000110	0.000041	-0.000106	0.000031	0.000005	0.000004	0.000301	-0.000001
263	0.007325	0.001494	-0.000192	-0.000053	0.000156	0.000032	-0.000140	-0.000001	0.000011	-0.000017	0.000248	0.000005
264	-0.000463	-0.001180	-0.000112	0.000053	-0.000070	-0.000030	0.000074	-0.000025	0.000001	0.000119	0.000054	-0.000028
265	-0.000780	-0.001167	-0.000077	0.000057	0.000071	-0.000020	-0.000039	-0.000068	-0.000001	0.000136	0.000058	-0.000047
266	-0.005369	-0.000240	0.000260	0.000045	-0.000199	-0.000014	0.000146	0.000026	-0.000006	-0.000111	-0.000253	0.000069
267	-0.006220	-0.000218	0.000283	-0.000011	-0.000372	-0.000040	0.000319	0.000117	-0.000010	-0.000085	-0.000189	0.000065
268	0.005494	0.002505	-0.000354	-0.000180	0.001875	0.000088	-0.001438	-0.000395	0.000010	-0.000212	0.000326	0.000076
269	0.001643	0.002485	-0.000022	-0.000050	-0.000249	0.000085	0.000109	0.000102	0.000017	-0.000127	0.000110	-0.000038
270	0.001476	-0.025026	0.033994	0.000384	0.000889	0.000086	-0.000981	-0.000387	-0.000049	0.000696	0.000016	-0.000160
271	-0.003571	0.033479	-0.026599	-0.003240	-0.004051	0.000713	0.003696	0.003039	0.000200	-0.000032	0.000925	-0.000058
272	-0.001018	-0.007108	0.003483	0.000778	0.000565	-0.000355	-0.000306	-0.000718	-0.000025	-0.000261	-0.000280	0.000072
273	-0.000254	-0.007774	0.002602	0.000842	0.000994	-0.000273	-0.000932	-0.000691	-0.000080	-0.000188	-0.000099	0.000075
274	0.000560	0.006158	-0.007067	-0.000790	-0.000802	0.000267	0.000685	0.000671	0.000022	0.000004	-0.000021	-0.000031
275	0.000865	0.006256	-0.007110	0.000093	0.000072	0.000043	-0.000038	-0.000167	-0.000014	-0.000021	-0.000109	-0.000002
276	0.000192	0.005101	-0.002081	0.000057	0.000136	0.000006	-0.000185	-0.000008	-0.000003	0.000053	0.000155	-0.000004
277	0.000040	0.004360	-0.001310	-0.000086	-0.000044	0.000057	-0.000023	0.000107	0.000018	0.000056	0.000136	-0.000010
278	-0.000776	-0.008510	0.006866	0.000134	0.000112	-0.000081	-0.000093	-0.000088	0.000003	-0.000105	0.000008	0.000036
279	-0.000931	-0.010667	0.008811	-0.000021	-0.000021	-0.000041	0.000021	0.000050	0.000013	-0.000046	0.000077	0.000002
280	0.000990	0.001301	-0.005398	0.000651	0.000771	-0.000140	-0.000662	-0.000647	-0.000035	-0.000106	-0.000302	0.000062
281	0.002410	0.002440	-0.006254	0.001190	0.001372	-0.000280	-0.001180	-0.001153	-0.000048	-0.000047	-0.000505	0.000017
282	-0.000741	-0.001657	-0.000899	-0.000225	-0.000588	0.000032	0.000931	-0.000102	-0.000085	0.004800	0.003561	-0.004357
283	-0.000359	-0.000400	0.000257	0.000416	0.000617	-0.000141	-0.000619	-0.000300	0.000064	0.000635	0.005408	0.002835
284	0.000228	0.000372	0.000275	0.000015	-0.000005	0.000000	0.000030	-0.000040	0.000012	-0.004662	-0.003354	0.001924
285	0.000239	0.000342	-0.000098	0.000036	0.000127	-0.000026	-0.000165	0.000014	0.000037	-0.002299	-0.000350	0.000171
286	-0.000127	-0.000196	-0.000498	-0.000044	0.000061	-0.000008	-0.000151	0.000130	0.000048	-0.002316	-0.001399	-0.000889
287	-0.000126	0.000082	-0.000227	0.000616	0.001083	-0.000221	-0.001212	-0.000336	0.000193	-0.006343	-0.005940	0.002039
288	-0.001693	-0.001202	0.000220	0.000423	0.000312	0.000043	-0.000596	-0.000189	-0.000015	0.000196	0.000417	-0.000166
289	-0.000337	-0.000351	-0.000042	0.000801	0.000331	-0.000147	-0.000418	-0.000572	-0.000021	0.000091	0.000208	-0.000044
290	0.000144	-0.000075	-0.000055	-0.000306	-0.000101	0.000072	0.000121	0.000216	0.000020	-0.000008	-0.000081	0.000029
291	0.000245	0.000297	-0.000214	-0.000339	-0.000198	0.000071	0.000198	0.000273	0.000015	-0.000052	-0.000071	-0.000005
292	0.000060	0.000251	0.000089	-0.000158	-0.000172	0.000030	0.000177	0.000127	0.000009	-0.000127	-0.000124	-0.000016
293	0.000085	0.000109	-0.000114	0.000029	-0.000102	-0.000011	0.000126	-0.000036	0.000003	-0.000174	-0.000169	0.000032
294	-0.008083	0.002672	0.001782	0.000070	0.000978	0.000150	-0.000965	-0.000253	-0.000047	0.000148	-0.000031	-0.000056
295	-0.000171	-0.000281	-0.000118	0.000245	0.001217	0.000078	-0.001046	-0.000527	-0.000006	-0.000002	-0.000008	-0.000019
296	0.000403	0.000402	0.000239	-0.000169	-0.000469	-0.000030	0.000431	0.000249	0.000010	-0.000040	-0.000005	0.000016
297	0.002832	0.000042	-0.000371	-0.000200	-0.000416	-0.000006	0.000376	0.000258	0.000005	-0.000002	0.000010	0.000009
298	0.002025	-0.000565	-0.000276	-0.000070	-0.000091	-0.000011	0.000095	0.000079	0.000008	0.000023	0.000018	0.000003
299	-0.000094	0.000015	-0.000194	-0.000119	0.000038	0.000005	0.000038	0.000036	0.000023	-0.000056	-0.000035	0.000034
300	0.002959	-0.009310	0.012622	-0.000027	-0.000249	-0.000049	0.000440	-0.000101	0.000030	-0.000432	-0.000331	0.000128
301	0.000697	0.000707	0.001186	0.000455	0.000394	-0.000143	-0.000258	-0.000460	-0.000018	0.000017	-0.000105	0.000021
302	0.000200	0.000660	-0.002437	0.000007	0.000037	-0.000010	-0.000043	0.000010	0.000008	-0.000060	-0.000052	-0.000016
303	-0.000101	0.003797	-0.004375	0.000228	0.000221	-0.000103	-0.000165	-0.000186	0.000002	-0.000010	-0.000057	-0.000026
304	-0.000430	0.003301	-0.001552	0.000329	0.000346	-0.000141	-0.000293	-0.000248	0.000013	-0.000011	0.000029	-0.000017

305	0.000379	0.002365	-0.000646	0.000954	0.001009	-0.000375	-0.000880	-0.000737	-0.000029	0.000026	-0.000077	-0.000049
306	0.000018	-0.005843	-0.010383	0.002743	0.004353	-0.000821	-0.004762	-0.001718	0.000439	-0.044569	0.016392	-0.002049
307	-0.000313	-0.000424	-0.000597	0.000606	0.001076	-0.000275	-0.001157	-0.000317	0.000182	-0.000431	0.006923	-0.003509
308	0.000150	0.000115	0.000368	-0.000414	-0.000746	0.000147	0.000902	0.000156	-0.000112	0.000979	-0.002862	0.002704
309	-0.000127	-0.000299	-0.000144	-0.000106	-0.000253	0.000056	0.000294	0.000029	-0.000050	0.000655	0.001688	-0.002298
310	0.000182	0.000183	-0.000142	-0.000030	0.000006	0.000002	-0.000046	0.000064	0.000006	-0.000082	-0.001230	0.000011
311	0.000221	0.000632	0.000654	0.000119	0.000210	-0.000048	-0.000224	-0.000071	0.000031	-0.000273	-0.001905	-0.000209
312	-0.000107	-0.000213	-0.000137	-0.000175	-0.000299	0.000118	0.000241	0.000135	-0.000058	-0.001706	-0.003290	0.004343
313	-0.004772	-0.002906	0.003497	0.002585	0.000851	-0.000433	-0.001037	-0.001959	-0.000065	0.000107	0.000410	-0.000193
314	-0.000216	0.000424	-0.000207	-0.000235	-0.000012	0.000097	-0.000077	0.000227	-0.000005	0.000013	0.000121	-0.000134
315	-0.000271	-0.000627	-0.000023	0.000155	0.000137	-0.000021	-0.000160	-0.000116	0.000007	0.000056	0.000062	0.000012
316	-0.000162	-0.000121	0.000217	0.000046	-0.000020	-0.000003	0.000002	-0.000025	-0.000001	0.000034	0.000022	0.000013
317	0.000257	0.000421	-0.000147	-0.000302	-0.000153	0.000063	0.000152	0.000242	0.000003	-0.000009	-0.000031	-0.000017
318	0.000274	-0.000030	-0.000114	-0.000210	0.000113	0.000015	-0.000009	0.000088	0.000006	0.000011	-0.000041	0.000028
319	0.000113	-0.000066	0.000266	0.000536	-0.000081	-0.000150	0.000104	-0.000405	-0.000011	-0.000103	-0.000130	0.000097
320	0.037326	-0.007252	-0.008196	-0.000150	0.002283	0.000224	-0.001808	-0.000593	0.000051	-0.000257	0.000275	0.000230
321	0.004713	0.000702	-0.000458	-0.000292	-0.000446	0.000082	0.000296	0.000367	-0.000014	0.000096	0.000008	-0.000056
322	-0.003332	0.001012	0.000625	0.000052	0.000195	0.000010	-0.000169	-0.000093	-0.000004	-0.000034	-0.000017	0.000024
323	-0.001424	-0.000394	0.000369	0.000112	0.000231	-0.000020	-0.000193	-0.000133	-0.000001	0.000018	0.000010	-0.000010
324	0.001877	-0.000127	-0.000440	-0.000136	-0.000362	0.000002	0.000304	0.000203	-0.000008	0.000029	0.000011	-0.000008
325	0.001579	0.000753	0.000001	-0.000135	-0.000890	-0.000032	0.000735	0.000340	0.000012	-0.000064	-0.000013	0.000011
326	-0.003364	-0.001964	-0.000102	0.000399	0.001257	-0.000043	-0.000960	-0.000680	0.000015	-0.000047	-0.000004	0.000040
327	-0.007429	0.034648	0.022821	0.002405	0.002078	-0.000875	-0.001519	-0.002145	-0.000127	-0.000068	-0.000528	-0.000181
328	0.000123	0.008504	-0.006005	0.000908	0.000738	-0.000390	-0.000488	-0.000782	-0.000032	-0.000165	-0.000134	0.000032
329	0.001037	-0.005332	0.003157	-0.000274	-0.000276	0.000119	0.000264	0.000173	0.000028	-0.000048	-0.000098	0.000026
330	-0.000068	-0.002062	0.002908	-0.000377	-0.000357	0.000130	0.000288	0.000327	0.000016	-0.000033	0.000064	0.000005
331	-0.000475	0.001843	-0.002094	-0.000063	-0.000078	0.000023	0.000050	0.000070	-0.000016	0.000021	-0.000006	-0.000017
332	-0.000192	0.002415	-0.005588	0.000155	0.000156	-0.000051	-0.000138	-0.000125	-0.000004	0.000020	0.000041	0.000014
333	-0.000438	-0.005333	0.007514	-0.000359	-0.000195	0.000171	0.000033	0.000347	0.000008	0.000205	0.000136	-0.000061

	193	194	195	196	197	198	199	200	201	202	203	204
1	0.000118	-0.000706	0.000139	0.000088	-0.000311	-0.000214	-0.000360	0.000167	0.000071	-0.000718	0.000330	0.000046
2	-0.001068	0.001990	0.001248	-0.001138	0.000405	0.000544	0.001432	0.000046	0.001407	0.001884	-0.001138	-0.000040
3	0.006991	-0.005736	0.010627	0.002973	0.000533	-0.000044	0.000716	0.000966	0.000263	0.001185	-0.000359	-0.000473
4	-0.008567	0.009080	-0.015427	-0.000323	0.000478	0.000157	0.000135	0.001384	0.008671	-0.003821	0.004205	-0.004809
5	-0.000167	0.001174	-0.000085	0.000069	0.000422	0.000135	0.000367	0.000039	-0.013046	0.007002	-0.005649	0.003423
6	-0.000910	0.002220	-0.000929	-0.000241	0.000295	0.000271	0.000369	0.000324	-0.000340	0.001073	0.000390	-0.000428
7	0.000237	0.000154	-0.000376	0.000367	0.000152	-0.000008	-0.000007	-0.000011	-0.000107	0.000370	0.000103	-0.000432
8	-0.000676	-0.002661	-0.010400	-0.000044	-0.000667	-0.000206	-0.000432	0.000474	-0.000429	-0.000655	0.000717	-0.000322
9	0.010043	-0.005548	0.030063	0.002487	0.001726	0.000235	0.001522	-0.000551	0.001859	0.002495	-0.000976	0.000486
10	-0.015489	0.018562	-0.009412	-0.003581	0.001338	0.000561	0.001164	0.000578	-0.012726	-0.001328	-0.001086	0.001090
11	0.001228	-0.003991	-0.006317	0.001079	-0.000477	-0.000224	-0.000705	0.000251	0.032416	-0.005510	0.007184	-0.010132
12	0.001335	0.000722	0.002958	0.000508	0.000493	0.000107	0.000440	0.000107	-0.008391	0.014932	-0.009724	0.005103
13	-0.001033	0.000388	-0.001428	-0.000177	-0.000024	0.000049	-0.000017	-0.000218	-0.004404	-0.003597	0.000056	-0.000750
14	0.001052	-0.000935	-0.000178	-0.000277	0.000040	0.000131	0.000032	-0.000139	0.002311	0.000954	0.001083	-0.000800
15	-0.001431	0.003086	0.001150	0.000253	0.000364	0.000222	0.000384	0.000307	-0.001122	0.000280	-0.000736	0.000175
16	-0.002663	-0.000212	-0.005821	0.000260	0.000072	0.000335	-0.000057	-0.001147	0.001238	-0.000230	0.000212	-0.000164
17	-0.001151	0.004132	0.002033	0.000724	0.000908	0.000184	0.001111	0.001897	-0.000646	0.000831	-0.000349	0.000680
18	0.005418	-0.009907	0.017625	-0.000914	-0.000557	-0.000811	-0.000757	0.001103	0.000806	-0.000460	0.000938	-0.000781

19	-0.008807	0.006183	-0.003470	-0.001180	-0.000775	-0.000740	-0.000630	-0.000659	-0.010937	0.001466	-0.002232	0.003359
20	0.000423	0.002718	0.003632	0.002646	0.001095	0.000179	0.000791	0.000461	0.001597	0.003988	-0.001197	0.000554
21	0.004462	-0.007048	0.006503	-0.000013	-0.000259	0.000326	0.000122	0.000141	0.020935	-0.009843	0.003978	-0.006686
22	-0.000662	0.000782	0.000356	0.000211	-0.000053	-0.000107	-0.000084	-0.000029	-0.001903	0.004316	-0.005554	0.004410
23	0.000672	-0.000415	0.000038	-0.000246	0.000213	0.000258	0.000221	-0.000209	0.004498	0.002718	-0.000185	-0.001547
24	-0.000392	0.000458	0.001036	0.000441	0.000024	-0.000111	0.000026	0.000142	0.004131	-0.005640	0.001572	-0.002761
25	0.000299	-0.000012	0.001156	0.000183	-0.000020	-0.000088	-0.000019	0.000314	0.000812	0.000338	-0.000790	0.000761
26	-0.000127	0.000391	-0.000037	-0.000148	0.000226	0.000300	0.000237	-0.000419	-0.000210	-0.000025	0.000380	-0.000397
27	0.000685	-0.000781	0.001153	0.000018	-0.000036	-0.000064	-0.000016	0.000226	0.000789	0.000537	-0.000231	0.000240
28	0.002659	-0.005674	-0.020331	0.004069	0.000011	-0.000661	-0.000415	0.004453	-0.004417	-0.002460	0.000269	0.000326
29	-0.016467	0.013128	-0.042331	0.001724	-0.000376	-0.000388	-0.000407	0.003827	0.004780	0.002964	0.000145	0.000639
30	-0.000110	0.002678	0.003924	0.001611	0.000806	0.000192	0.000737	0.000365	-0.015189	-0.006695	0.001646	-0.012396
31	0.000216	-0.002921	-0.003195	-0.001047	-0.000693	-0.000067	-0.000633	-0.000567	-0.038249	0.009633	-0.010342	0.000314
32	0.001686	-0.001727	0.000816	0.000052	-0.000008	0.000041	-0.000001	-0.000083	0.004715	0.002365	-0.000446	-0.000816
33	-0.001222	0.001195	0.001017	0.000044	0.000052	0.000074	0.000032	-0.000245	-0.003387	-0.002599	-0.000517	0.000409
34	0.000984	-0.003633	-0.002824	-0.000507	-0.000582	0.000025	-0.000617	-0.001039	0.000787	-0.001383	0.001270	-0.001486
35	-0.000114	0.002639	0.006616	0.000690	0.000852	0.000176	0.000948	0.001007	0.000158	0.001375	-0.001313	0.001946
36	-0.000011	0.000357	0.000204	0.000008	0.000072	0.000064	0.000118	-0.000009	0.000008	0.000071	0.000061	-0.000032
37	-0.003216	0.002239	-0.000910	0.000210	-0.000072	-0.000139	-0.000073	0.001644	0.000017	0.000078	-0.000014	0.000012
38	0.003642	-0.004732	0.006544	0.003349	-0.000154	-0.000151	-0.000016	0.000203	0.000157	0.000387	-0.000009	0.000034
39	0.000083	0.000293	0.000234	0.000048	0.000146	0.000035	0.000079	-0.000004	-0.003230	0.002608	-0.003246	0.003366
40	0.000009	0.000042	0.000098	0.000014	0.000056	0.000011	0.000042	0.000028	0.005344	-0.002740	0.001856	-0.003213
41	-0.000010	0.000071	-0.000001	-0.000013	0.000038	0.000027	0.000031	-0.000009	0.000245	0.000367	0.000064	0.000023
42	0.000004	0.000048	0.000007	-0.000017	0.000025	0.000040	0.000026	-0.000024	0.000041	0.000118	0.000025	-0.000009
43	0.000027	0.000116	-0.000015	-0.000034	0.000016	0.000044	0.000039	-0.000030	0.000013	0.000079	-0.000009	0.000003
44	-0.016461	-0.004059	0.286255	-0.002055	0.004068	0.000417	0.003772	-0.002290	0.000133	-0.000105	0.000154	-0.000097
45	-0.000155	0.000070	0.000221	-0.000020	0.000001	-0.000013	0.000000	-0.000096	0.275481	-0.004508	-0.016670	-0.017722
46	-0.000002	0.000173	0.000382	0.000035	0.000078	0.000042	0.000091	0.000000	0.000157	0.000093	-0.000186	0.000177
47	0.000128	-0.000097	0.000518	-0.000024	0.000029	0.000020	0.000068	0.000058	0.000187	0.000317	0.000130	-0.000080
48	0.000005	-0.000272	-0.000393	0.000114	-0.000091	-0.000115	-0.000116	0.000096	-0.000261	-0.000090	0.000285	-0.000172
49	0.000019	0.000033	0.000350	-0.000008	-0.000020	0.000056	0.000058	-0.000055	-0.000250	0.000094	-0.000320	-0.000553
50	-0.000082	0.000391	0.000653	-0.000540	0.000198	0.000277	0.000203	-0.000122	-0.000138	0.000067	-0.000139	0.000171
51	-0.000008	0.000793	-0.000055	-0.000015	0.000548	0.000094	0.000113	-0.000337	0.000200	0.000438	0.000115	-0.000123
52	0.000093	-0.000733	-0.000790	0.000011	-0.000563	-0.000286	-0.000216	0.000370	-0.000220	-0.000333	0.000174	-0.000111
53	0.000022	0.000057	-0.000001	-0.000014	0.000032	0.000017	0.000020	-0.000007	-0.000162	0.000096	0.000024	-0.000182
54	0.000011	0.000063	-0.000020	0.000000	0.000034	0.000015	0.000005	-0.000018	-0.000002	0.000057	-0.000027	-0.000065
55	-0.000002	-0.000458	-0.000058	-0.000025	-0.000394	-0.000218	-0.000119	0.000146	-0.000212	-0.000332	-0.000132	-0.000291
56	0.000048	0.000357	-0.000294	-0.000155	0.000106	0.000070	0.000049	-0.000139	0.000040	0.000039	-0.000037	0.000009
57	-0.000010	0.000049	-0.000015	0.000098	0.000045	-0.000003	0.000000	-0.000038	0.000002	0.000002	0.000017	0.000042
58	0.000014	0.000076	0.000085	-0.000011	0.000054	0.000077	0.000063	0.000006	0.000029	0.000068	0.000019	0.000053
59	-0.000038	0.000117	0.000020	-0.000019	0.000128	0.000027	0.000033	-0.000058	0.000008	0.000125	0.000021	0.000019
60	0.000033	0.000063	-0.000096	0.000005	-0.000009	-0.000019	-0.000016	0.000021	0.000074	0.000045	0.000081	-0.000050
61	-0.001022	-0.000282	-0.001447	-0.000435	0.000416	-0.000356	-0.000267	-0.000952	0.001440	0.000833	0.000758	0.001119
62	0.001025	0.000895	0.003480	0.000414	-0.000181	0.000490	0.000452	0.000552	0.000833	-0.000363	-0.000310	-0.000668
63	0.000504	0.000423	0.000654	0.000477	-0.000002	0.000427	0.000421	0.000409	0.001466	-0.000113	-0.000092	-0.000460
64	-0.000565	0.000336	0.000909	-0.000449	0.000169	-0.000272	-0.000186	-0.000612	0.000406	0.000308	0.000346	0.000849
65	-0.000244	-0.000196	-0.000642	0.000065	0.000048	-0.000548	-0.000427	-0.000169	-0.001303	0.000628	0.001090	0.000405
66	-0.000336	-0.000902	-0.002779	-0.000181	0.000130	0.000048	-0.000070	-0.000050	-0.000621	-0.000308	-0.000994	-0.000927
67	0.000862	-0.000049	0.001705	-0.000137	-0.000461	0.000485	0.000276	0.000673	-0.001489	-0.001357	-0.001777	-0.001011
68	-0.000110	-0.000350	-0.001486	0.000200	-0.000117	-0.000264	-0.000202	0.000065	-0.000800	0.000417	0.000922	0.000720

69	-0.001855	0.001480	-0.007382	0.000912	-0.000082	-0.000215	-0.000057	0.001480	0.003197	-0.000576	0.001089	0.000017
70	-0.000394	0.000777	0.001051	-0.000251	0.000022	0.000068	-0.000001	-0.000523	-0.006019	0.000667	-0.000793	-0.001426
71	0.000917	-0.001290	0.002278	-0.000126	-0.000077	0.000089	-0.000057	-0.000471	0.001350	0.000424	-0.000401	0.000584
72	0.001348	-0.001102	0.003763	-0.000540	0.000100	0.000033	0.000076	-0.000438	0.001087	-0.000572	0.000036	0.000750
73	-0.004744	0.001803	-0.010190	-0.000075	-0.000365	0.000084	-0.000418	-0.000200	-0.000850	-0.000034	-0.000367	-0.000104
74	0.001291	-0.001155	0.004116	0.000153	0.000396	0.000129	0.000288	-0.000283	0.000533	0.000346	0.000023	0.000247
75	0.003977	-0.000029	0.009034	-0.000093	0.000435	0.000016	0.000462	-0.000167	0.000288	0.000229	0.000241	0.000079
76	0.005371	-0.009117	0.000670	0.001674	-0.000922	-0.000353	-0.000827	-0.001374	0.000930	0.000084	-0.000302	-0.000772
77	-0.008832	0.004961	-0.024364	-0.003667	-0.000954	-0.000258	-0.001124	0.000719	-0.013396	0.002502	-0.003756	0.004008
78	-0.004145	0.006812	-0.001851	-0.000975	0.000573	0.000087	0.000276	-0.000300	0.003574	-0.000818	0.001031	-0.001012
79	-0.001638	0.001899	0.000985	-0.000518	0.000217	0.000215	0.000307	0.000056	0.012014	-0.000401	0.003095	-0.002862
80	0.005968	-0.008407	0.005677	0.001058	-0.000492	0.000027	-0.000154	0.000147	0.001144	-0.008842	0.003572	-0.005705
81	-0.000206	0.000740	-0.000120	-0.000037	0.000043	-0.000177	-0.000066	0.000094	-0.022370	0.002457	-0.005112	0.002870
82	0.000049	0.000247	0.000508	0.000017	0.000066	0.000089	0.000090	-0.000110	-0.000827	0.006024	-0.002014	0.003185
83	0.000177	0.000155	0.000764	0.000162	0.000092	0.000058	0.000108	-0.000067	0.000967	0.001395	-0.001177	0.000616
84	-0.000229	-0.000251	-0.000823	0.000186	-0.000100	-0.000150	-0.000080	0.000306	0.003681	-0.006623	0.002838	-0.003504
85	-0.000625	0.000561	-0.001405	0.000034	-0.000139	-0.000135	-0.000145	0.000261	0.000126	0.000455	0.000373	-0.000043
86	0.000208	0.000156	0.000951	0.000058	0.000114	0.000066	0.000109	0.000010	0.000448	0.000163	-0.000188	0.000118
87	0.000290	-0.000142	0.000824	0.000030	0.000123	0.000083	0.000103	-0.000077	0.000566	0.000224	-0.000043	0.000008
88	-0.000765	0.001299	-0.001229	-0.000112	-0.000117	-0.000083	-0.000078	0.000309	-0.000936	-0.000204	0.000265	-0.000644
89	0.003040	-0.012091	-0.008597	-0.004670	-0.003199	-0.000873	-0.002965	-0.003841	-0.001679	-0.000376	0.000041	0.000341
90	0.000183	-0.000539	-0.000907	-0.000328	-0.000033	0.000155	-0.000004	0.000024	-0.007629	-0.013135	0.004194	0.003568
91	0.000176	-0.000437	0.000118	-0.000088	-0.000062	0.000029	-0.000060	-0.000120	-0.001142	-0.000722	-0.000117	-0.000212
92	0.000131	-0.000920	-0.000585	0.000005	0.000000	0.000096	-0.000003	-0.000428	-0.000125	-0.000342	0.000006	0.000138
93	-0.000753	0.000289	-0.002053	-0.000079	-0.000237	-0.000097	-0.000212	0.000132	-0.000261	-0.000183	-0.000011	-0.000118
94	-0.000536	0.000863	-0.002069	-0.000072	-0.000159	-0.000032	-0.000077	0.000148	-0.000274	-0.000163	-0.000012	-0.000129
95	-0.001706	-0.001363	-0.010537	0.000456	0.000009	0.000324	0.000123	-0.000260	-0.000152	-0.000180	-0.000151	-0.000019
96	-0.002246	0.001338	0.001476	-0.000343	-0.000438	-0.000339	-0.000588	0.000390	-0.000158	-0.000050	-0.000089	-0.000058
97	0.002442	-0.002952	0.002721	0.000693	-0.000685	-0.000380	-0.000337	-0.000110	-0.001828	0.000121	-0.000566	0.000433
98	0.001712	-0.003865	-0.000866	0.000293	0.000113	0.000292	0.000061	0.000408	-0.001754	0.000691	-0.000456	0.000578
99	0.000900	-0.000756	-0.000403	0.000297	-0.000022	-0.000080	-0.000122	-0.000031	-0.012658	-0.001211	-0.000859	0.000827
100	0.000753	-0.001133	-0.000535	0.000205	-0.000196	-0.000132	-0.000182	-0.000017	0.000643	0.001652	-0.002260	0.002053
101	0.000006	-0.000068	-0.000264	-0.000015	-0.000024	-0.000034	-0.000050	0.000037	0.003133	-0.002371	0.001385	-0.001865
102	-0.000051	-0.000174	-0.000220	-0.000001	-0.000043	-0.000055	-0.000039	0.000075	-0.002221	-0.003599	0.000600	-0.001272
103	-0.000091	-0.000084	-0.000392	-0.000087	-0.000052	-0.000033	-0.000059	0.000034	-0.000351	-0.000494	0.000631	-0.000196
104	-0.000087	-0.000071	-0.000376	-0.000074	-0.000040	-0.000025	-0.000049	0.000033	-0.000596	-0.000892	0.000546	-0.000407
105	-0.000110	-0.000087	-0.000463	-0.000028	-0.000061	-0.000031	-0.000062	0.000001	-0.000198	-0.000085	0.000088	-0.000037
106	-0.000097	-0.000067	-0.000486	-0.000029	-0.000054	-0.000035	-0.000047	-0.000009	-0.000256	-0.000080	0.000097	-0.000083
107	-0.000137	0.000054	-0.000437	0.000000	-0.000067	-0.000048	-0.000056	0.000036	-0.000272	-0.000110	0.000026	-0.000013
108	-0.000155	0.000087	-0.000378	-0.000030	-0.000055	-0.000035	-0.000045	0.000039	-0.000289	-0.000117	0.000022	0.000004
109	0.013181	-0.005913	0.013450	0.005712	0.002608	0.000244	0.000977	0.000811	0.000823	0.000028	-0.000194	-0.000266
110	-0.016462	0.018136	-0.004917	-0.001080	0.000585	0.000629	0.001994	0.003047	0.000827	0.000353	0.000142	-0.000072
111	-0.000358	0.000478	-0.000186	0.000284	-0.000003	-0.000082	-0.000042	0.000031	0.013529	-0.003436	0.008153	-0.010284
112	0.000208	0.000067	0.001172	0.000051	0.000035	-0.000070	0.000052	-0.000052	-0.005881	0.016311	-0.011956	0.006396
113	-0.000512	0.000341	-0.000699	0.000138	-0.000054	-0.000055	-0.000015	-0.000010	0.000630	0.000335	-0.000125	-0.000192
114	0.000332	0.000092	0.000571	-0.000053	0.000116	0.000026	0.000075	0.000132	0.000499	0.000387	0.000235	0.000401
115	-0.000214	0.000656	-0.000422	0.000022	-0.000046	0.000030	-0.000048	0.000107	0.000005	0.000043	-0.000371	-0.000294
116	0.000098	0.000262	0.001094	-0.000034	0.000045	-0.000126	0.000055	0.000325	0.000148	0.000292	0.000372	0.000153
117	-0.000090	0.000034	0.001347	-0.000502	-0.000044	0.000289	0.000178	-0.000169	-0.000417	-0.000265	-0.000511	-0.000106
118	-0.000129	0.000039	0.000632	-0.000434	-0.000036	0.000154	0.000089	-0.000054	-0.000212	-0.000166	-0.000139	0.000126

119	-0.000084	0.000215	0.000694	-0.000353	0.000066	0.000208	0.000155	-0.000079	-0.000053	-0.000032	-0.000316	-0.000016
120	-0.000032	-0.000205	0.000045	-0.000119	-0.000189	-0.000048	-0.000034	0.000080	-0.000099	-0.000183	-0.000007	0.000084
121	0.000009	0.000104	0.000001	0.000074	0.000094	0.000028	0.000020	-0.000044	0.000044	0.000129	-0.000008	-0.000077
122	0.000025	0.000102	-0.000042	0.000047	0.000095	0.000020	0.000015	-0.000034	0.000056	0.000053	0.000018	-0.000005
123	-0.000058	-0.000066	-0.000045	-0.000025	-0.000070	0.000027	-0.000013	0.000055	-0.000039	-0.000158	0.000061	0.000062
124	0.000006	-0.000101	0.000133	0.000067	-0.000017	0.000042	0.000024	0.000019	-0.000072	0.000060	-0.000077	-0.000070
125	0.000048	0.000165	-0.000096	0.000182	0.000088	-0.000070	-0.000012	-0.000077	0.000110	0.000100	0.000012	0.000005
126	-0.000143	0.000617	0.000538	-0.000477	0.000300	0.000203	0.000166	-0.000253	0.000165	0.000005	-0.000090	0.000282
127	-0.000071	0.000176	0.000206	-0.000504	0.000062	0.000167	0.000100	-0.000005	0.000025	-0.000018	-0.000011	0.000243
128	0.000012	-0.000056	-0.000029	-0.000002	-0.000084	-0.000049	-0.000009	0.000016	-0.000008	-0.000037	0.000003	0.000024
129	0.000006	0.000043	0.000033	0.000047	0.000052	0.000019	0.000009	-0.000015	-0.000005	0.000037	0.000014	0.000006
130	-0.000004	0.000054	0.000017	0.000022	0.000062	0.000003	0.000008	-0.000038	-0.000020	0.000068	-0.000017	-0.000044
131	0.000036	-0.000027	0.000075	-0.000071	-0.000048	0.000045	0.000026	0.000060	-0.000010	-0.000009	0.000023	-0.000005
132	-0.000085	0.000024	-0.000092	-0.000045	0.000058	-0.000029	-0.000032	-0.000047	0.000053	-0.000017	-0.000001	0.000034
133	0.000034	-0.000039	-0.000004	0.000045	-0.000041	0.000011	-0.000001	0.000025	-0.000009	-0.000044	-0.000021	-0.000013
134	0.001023	-0.001491	-0.004108	0.000265	0.000078	-0.000022	-0.000158	0.000311	-0.001174	0.000034	-0.000079	0.000049
135	-0.000541	-0.000011	-0.004577	0.000143	0.000138	0.000031	-0.000346	-0.000171	-0.000575	0.000290	-0.000120	0.000240
136	0.000681	-0.001022	-0.002330	0.000516	0.000104	0.000015	-0.000288	-0.001152	-0.000630	0.000225	-0.000067	0.000269
137	0.000859	-0.001948	-0.001076	0.000740	0.000200	0.000042	-0.000142	-0.001309	-0.000773	-0.000037	0.000052	0.000032
138	-0.002555	0.001937	-0.001955	0.000349	-0.000197	-0.000249	0.000000	-0.000157	-0.001590	-0.000155	-0.000019	0.000207
139	-0.001382	-0.000713	-0.003680	-0.001125	0.000017	-0.000191	-0.000301	-0.000274	-0.003651	-0.000623	0.000309	0.000060
140	-0.004151	0.002821	0.005444	-0.002214	-0.000358	0.000132	0.000378	-0.000588	-0.003344	0.000294	-0.000473	0.000728
141	0.001087	-0.000627	0.000509	0.001285	0.000080	-0.000070	0.000022	-0.000368	-0.001028	-0.000765	0.000914	-0.000086
142	-0.000768	-0.000526	-0.002448	0.000818	0.000127	-0.000164	-0.000149	-0.000485	0.000113	-0.002093	0.001241	-0.000938
143	-0.001889	-0.000086	-0.004220	-0.000438	0.000217	-0.000208	-0.000336	-0.000218	-0.003074	0.001998	-0.001498	0.003815
144	-0.000524	-0.000170	-0.001276	-0.000423	-0.000022	0.000005	-0.000117	-0.000020	0.000589	-0.000563	-0.000455	-0.001762
145	-0.000706	-0.000298	-0.002243	-0.000397	0.000047	0.000055	-0.000160	-0.000133	0.002597	0.002776	-0.003485	0.001605
146	-0.000088	-0.000104	-0.000649	-0.000022	0.000009	-0.000014	-0.000040	-0.000053	-0.002339	-0.001420	0.000750	-0.001252
147	-0.000047	0.000065	0.000546	-0.000182	0.000004	0.000012	0.000049	0.000057	-0.003085	-0.001490	0.000015	-0.002167
148	-0.000334	-0.000188	-0.000184	-0.000290	0.000013	0.000021	0.000022	0.000034	-0.000975	0.000055	-0.000581	-0.000565
149	0.000073	-0.000145	-0.001716	0.000211	-0.000033	0.000028	-0.000038	0.000196	-0.000528	0.000142	-0.000263	0.000048
150	0.000071	0.000097	0.000010	-0.000049	-0.000048	0.000017	0.000011	0.000169	-0.000684	-0.000202	-0.000544	-0.000186
151	0.000137	0.000208	0.000096	0.000004	-0.000059	0.000013	0.000006	0.000198	-0.000549	-0.000250	-0.000227	-0.000227
152	0.000102	0.000005	-0.000455	0.000022	-0.000076	-0.000002	-0.000067	0.000104	-0.000258	0.000159	-0.000285	0.000059
153	-0.000170	0.000023	-0.001904	0.000025	-0.000030	0.000007	-0.000109	0.000070	-0.000335	0.000318	-0.000172	0.000113
154	-0.012028	0.006698	-0.003098	-0.001850	-0.000256	0.000032	0.000349	0.000920	-0.001397	0.000242	-0.000495	0.000153
155	-0.000932	-0.000174	-0.002281	-0.000195	0.000035	-0.000063	-0.000183	-0.000080	-0.000691	0.007157	-0.011055	0.009204
156	-0.000241	-0.000225	-0.000664	-0.000142	-0.000007	0.000016	-0.000015	0.000140	-0.000766	-0.000019	-0.000443	-0.000145
157	-0.000482	0.000027	-0.002904	0.000212	0.000040	-0.000007	-0.000134	-0.000128	-0.000924	0.000247	-0.000236	0.000084
158	0.000097	0.000019	0.000215	0.000079	-0.000013	0.000046	0.000042	0.000071	-0.000038	-0.000007	-0.000079	-0.000202
159	-0.000565	-0.000252	-0.001295	-0.000449	0.000244	-0.000176	-0.000210	-0.000535	-0.000289	0.000237	-0.000475	-0.000619
160	-0.000547	-0.000244	-0.001180	-0.000378	0.000222	-0.000178	-0.000195	-0.000491	-0.000167	0.000217	-0.000416	-0.000431
161	-0.000150	-0.000094	-0.000198	0.000047	0.000038	-0.000081	-0.000064	-0.000094	-0.000001	0.000086	0.000075	0.000103
162	0.000047	0.000081	-0.000027	0.000020	0.000010	0.000009	0.000003	0.000024	0.000076	-0.000042	0.000058	-0.000045
163	-0.000602	-0.000166	-0.000974	-0.000377	0.000154	-0.000316	-0.000265	-0.000482	0.000006	0.000304	0.000444	0.000573
164	0.000802	-0.001354	-0.003165	0.000272	0.000064	-0.000043	-0.000206	-0.000499	-0.000787	0.000312	-0.000134	0.000399
165	-0.000398	0.000540	0.000766	-0.000259	-0.000030	-0.000032	0.000201	0.001256	0.000129	0.000044	0.000038	-0.000089
166	0.001922	-0.001343	0.001093	0.000057	0.000114	0.000220	-0.000442	-0.001652	0.001389	0.000072	-0.000074	-0.000113
167	0.002139	0.000552	0.007815	-0.001260	-0.000601	0.000319	0.000375	0.000805	0.000010	-0.001077	0.000767	-0.001633
168	-0.001180	0.000070	-0.001424	0.000651	0.000134	-0.000107	-0.000004	-0.000550	0.001702	0.000378	-0.000881	-0.000814

169	-0.000488	0.001192	0.002440	-0.000615	0.000072	0.000129	0.000201	-0.000035	-0.003074	0.000396	0.001158	0.001586
170	0.000687	0.000694	0.002859	0.000283	-0.000079	0.000095	0.000171	0.000228	-0.006559	-0.000142	-0.001957	-0.000367
171	0.000181	0.000214	0.000950	0.000037	-0.000012	0.000018	0.000062	0.000076	-0.003573	-0.001401	-0.000356	-0.001577
172	0.000293	0.000160	-0.000031	0.000341	-0.000021	-0.000005	-0.000023	-0.000030	0.001179	0.001254	-0.000699	0.001942
173	0.000134	0.000125	0.000417	-0.000006	-0.000111	0.000017	0.000017	0.000335	-0.000880	-0.000400	-0.000451	-0.000313
174	0.000079	-0.000001	0.000072	0.000000	-0.000005	-0.000005	-0.000007	-0.000013	0.000005	0.000089	-0.000080	0.000039
175	-0.000111	0.000009	0.000820	-0.000019	0.000117	-0.000001	0.000104	-0.000186	0.000402	-0.000254	0.000352	-0.000063
176	0.003621	-0.000070	-0.006345	-0.000574	0.000905	0.000223	-0.000615	0.001033	0.001283	-0.000386	0.000147	-0.000794
177	-0.000319	0.000243	0.007085	0.002229	-0.001127	0.000010	0.000631	-0.000319	0.002696	-0.000741	0.000263	-0.001567
178	-0.002382	-0.000080	-0.005004	-0.000929	0.000184	-0.000227	-0.000301	-0.000725	-0.016543	-0.001220	0.004539	0.001698
179	-0.000499	0.000311	0.001951	-0.000620	0.000051	0.000057	0.000113	0.000240	0.013408	0.001633	-0.002542	0.001347
180	0.000323	0.000382	0.002792	-0.000231	-0.000068	0.000034	0.000153	0.000196	-0.000608	0.000347	-0.001647	-0.000213
181	-0.000265	-0.000226	-0.001638	0.000034	-0.000042	-0.000027	-0.000189	-0.000072	-0.000112	0.000613	-0.000501	0.000420
182	-0.000195	-0.000373	0.000220	0.000022	-0.000063	-0.000077	-0.000080	-0.000364	0.001141	0.000503	0.000150	0.000526
183	0.000618	-0.000486	0.000824	0.000282	0.000159	0.000051	0.000238	-0.000191	-0.000990	-0.000240	0.000008	-0.000221
184	-0.000512	-0.000239	-0.001381	-0.000445	0.000262	-0.000145	-0.000182	-0.000500	-0.000295	0.000297	-0.000340	-0.000241
185	-0.000689	-0.000330	-0.001561	-0.000549	0.000257	-0.000204	-0.000251	-0.000617	-0.000276	0.000107	-0.000568	-0.000570
186	0.000149	0.000017	0.000266	0.000091	-0.000075	0.000065	0.000067	0.000107	0.000050	-0.000035	-0.000018	-0.000041
187	0.000696	0.000417	0.001577	0.000480	-0.000199	0.000207	0.000238	0.000627	0.000165	-0.000133	0.000570	0.000473
188	0.000377	0.000146	0.001163	0.000434	-0.000251	0.000089	0.000139	0.000403	0.000358	-0.000245	0.000366	0.000400
189	0.000023	0.000053	-0.000058	0.000012	0.000019	-0.000010	-0.000014	-0.000030	0.000019	0.000004	0.000003	0.000010
190	1.190200	0.087974	0.243910	0.082957	-0.010490	-0.004713	-0.004755	-0.007603	0.000451	0.000120	0.000040	0.000045
191	0.079749	1.210020	0.086778	0.087309	0.089429	-0.006899	-0.005440	-0.005386	0.000028	0.000262	0.000157	-0.000046
192	0.221155	0.087161	1.190270	-0.005970	0.091566	0.089660	-0.006948	-0.001734	0.000075	0.000091	-0.000034	0.000025
193	5.778640	0.209406	0.054660	-0.000920	-0.006781	0.089803	0.090638	-0.006622	0.000031	0.000018	0.000031	0.000046
194	0.209406	5.769170	0.198572	-0.005279	-0.005193	-0.006699	0.089676	0.083281	0.000136	0.000185	0.000085	0.000003
195	0.054660	0.198572	5.548070	-0.007934	-0.004429	-0.005101	-0.010559	0.082901	0.000362	-0.000108	-0.000153	0.000124
196	-0.000920	-0.005279	-0.007934	5.283170	0.009791	0.002395	0.001543	0.003366	0.000077	0.000010	0.000022	0.000001
197	-0.006781	-0.005193	-0.004429	0.009791	5.276940	0.009010	0.002785	0.001477	0.000057	0.000105	0.000064	0.000029
198	0.089803	-0.006699	-0.005101	0.002395	0.009010	5.291320	0.008776	0.002069	-0.000010	0.000053	0.000031	0.000024
199	0.090638	0.089676	-0.010559	0.001543	0.002785	0.008776	5.284110	0.009027	0.000027	0.000054	0.000013	0.000002
200	-0.006622	0.083281	0.082901	0.003366	0.001477	0.002069	0.009027	5.297510	0.000017	-0.000086	-0.000056	-0.000019
201	0.000031	0.000136	0.000362	0.000077	0.000057	-0.000010	0.000027	0.000017	5.546260	0.200555	0.057724	1.194020
202	0.000018	0.000185	-0.000108	0.000010	0.000105	0.000053	0.000054	-0.000086	0.200555	5.763440	0.208045	0.085513
203	0.000031	0.000085	-0.000153	0.000022	0.000064	0.000031	0.000013	-0.000056	0.057724	0.208045	5.772890	0.218834
204	0.000046	0.000003	0.000124	0.000001	0.000029	0.000024	0.000002	-0.000019	1.194020	0.085513	0.218834	5.779030
205	0.000019	0.000277	0.000316	-0.000003	0.000123	0.000082	0.000090	-0.000013	0.086033	1.212170	0.080845	0.203970
206	-0.000097	0.000053	-0.000012	0.000049	0.000057	-0.000018	-0.000012	-0.000110	0.243310	0.087957	1.193870	0.057432
207	0.000010	-0.000016	0.000082	0.000033	-0.000017	-0.000037	-0.000006	0.000024	0.082235	0.083545	-0.006531	-0.001628
208	0.000036	0.000142	0.000076	-0.000015	0.000058	0.000061	0.000069	-0.000001	-0.010615	0.089747	0.090573	-0.006942
209	0.000019	0.000081	0.000033	-0.000011	0.000061	0.000049	0.000039	-0.000017	-0.005081	-0.006823	0.089740	0.089790
210	-0.000012	0.000097	0.000022	-0.000009	0.000072	0.000051	0.000035	-0.000054	-0.004483	-0.004960	-0.006736	0.091324
211	-0.000028	-0.000056	-0.000045	0.000016	0.000004	-0.000040	-0.000032	-0.000007	-0.007556	-0.005395	-0.001472	-0.006529
212	0.000030	0.000230	-0.000275	0.000012	0.000041	0.000029	0.000021	-0.000014	0.000124	0.000202	-0.000011	0.000030
213	0.000222	0.000334	0.000250	-0.000018	0.000086	0.000084	0.000110	-0.000028	0.000134	0.000310	-0.000031	0.000071
214	-0.000028	0.000029	0.000248	-0.000020	0.000005	0.000023	0.000028	-0.000007	0.000014	-0.000013	0.000016	0.000011
215	-0.000068	-0.000131	-0.000122	-0.000012	-0.000006	0.000004	-0.000012	0.000008	0.000087	0.000078	-0.000002	0.000083
216	-0.000066	0.000164	-0.000132	-0.000006	0.000086	0.000067	0.000074	-0.000026	0.000135	0.000233	0.000024	0.000106
217	0.000027	0.000098	0.000389	0.000007	0.000042	0.000028	0.000058	0.000020	0.000368	0.000086	-0.000113	0.000137
218	-0.000032	-0.000006	0.000001	-0.000006	-0.000020	-0.000004	-0.000010	0.000002	0.000034	-0.000002	-0.000029	-0.000012

219	-0.000001	0.000068	0.000065	-0.000008	0.000025	0.000041	0.000056	0.000015	0.000033	0.000121	0.000002	0.000025
220	0.000025	0.000077	0.000045	-0.000006	0.000039	0.000050	0.000039	-0.000012	0.000022	0.000094	0.000023	0.000040
221	-0.000003	0.000054	0.000067	-0.000013	0.000044	0.000046	0.000039	-0.000025	0.000043	0.000137	0.000003	0.000042
222	-0.000034	-0.000061	0.000039	0.000010	-0.000003	-0.000015	-0.000017	0.000005	0.000029	0.000006	-0.000012	0.000019
223	0.000118	0.000114	0.000448	-0.000030	0.000027	0.000039	0.000042	0.000038	0.000403	0.000016	-0.000052	0.000120
224	0.000113	0.000225	0.000044	0.000025	0.000109	0.000099	0.000130	-0.000014	-0.000108	0.000282	0.000009	-0.000054
225	-0.000019	-0.000005	-0.000118	-0.000018	0.000008	0.000034	-0.000010	-0.000045	-0.000102	-0.000052	-0.000009	-0.000036
226	0.000072	0.000040	0.000213	-0.000004	0.000039	0.000047	0.000021	0.000011	0.000102	0.000042	0.000007	0.000083
227	0.000119	0.000222	0.000405	-0.000081	0.000071	0.000078	0.000100	0.000034	0.000210	0.000253	0.000149	-0.000040
228	0.000133	0.000298	0.000146	0.000016	0.000061	0.000046	0.000050	0.000088	-0.000006	0.000059	-0.000060	0.000008
229	0.000001	-0.000068	0.000007	0.000026	-0.000018	-0.000012	-0.000036	-0.000001	0.000070	-0.000050	-0.000042	0.000012
230	0.000048	0.000055	0.000020	-0.000010	0.000064	0.000064	0.000020	-0.000050	0.000064	0.000078	-0.000007	0.000026
231	0.000039	0.000079	0.000032	-0.000024	0.000046	0.000060	0.000043	-0.000027	0.000038	0.000048	-0.000006	0.000025
232	0.000050	0.000118	0.000050	-0.000054	0.000031	0.000068	0.000085	-0.000005	0.000041	0.000087	0.000012	0.000012
233	0.000020	0.000025	0.000083	-0.000009	-0.000041	-0.000005	-0.000005	0.000031	0.000036	-0.000031	-0.000020	0.000016
234	-0.583403	0.133617	0.568036	-0.051167	-0.003636	-0.005263	0.008701	-0.078607	0.000362	0.000192	0.000103	0.000098
235	-0.570384	0.140214	0.226195	-0.085398	0.008797	-0.005099	-0.003894	-0.049626	0.000349	0.000283	0.000148	-0.000137
236	-0.534946	-0.570726	0.136751	0.123604	-0.055324	-0.001200	-0.005708	0.012921	-0.000171	-0.000223	-0.000131	-0.000003
237	-0.569923	-0.535281	0.131073	0.117664	-0.065462	0.010210	-0.005671	0.002863	-0.000264	-0.000008	-0.000041	-0.000032
238	0.152420	-0.539139	-0.549455	-0.064240	0.118316	-0.056577	0.000283	-0.004391	0.000055	0.000017	0.000040	0.000012
239	0.155164	-0.575170	-0.512852	-0.054884	0.120298	-0.066156	0.011970	-0.004675	-0.000009	-0.000037	0.000003	0.000012
240	0.289685	0.148393	-0.515594	0.008307	-0.067006	0.118938	-0.056837	-0.002701	0.000027	0.000105	0.000055	-0.000007
241	0.517698	0.149882	-0.551983	-0.002981	-0.057317	0.118813	-0.066550	0.007911	0.000007	0.000110	0.000065	-0.000015
242	0.527987	0.291809	0.142709	-0.004875	0.012158	-0.066366	0.118176	-0.053298	-0.000091	-0.000027	-0.000024	-0.000027
243	0.299182	0.521948	0.143802	-0.004616	0.000258	-0.056725	0.118665	-0.062830	-0.000075	0.000029	-0.000004	-0.000044
244	0.159215	0.531460	0.266093	0.003760	-0.005525	0.010442	-0.064758	0.109973	-0.000079	-0.000121	-0.000077	0.000062
245	0.157332	0.302959	0.515196	0.014827	-0.005553	-0.001014	-0.054375	0.122439	-0.000111	-0.000320	-0.000138	0.000080
246	-0.000046	0.000424	0.001267	-0.000057	0.000150	0.000168	0.000215	0.000004	0.233506	0.141244	-0.567708	-0.586726
247	-0.000080	0.000498	-0.000652	0.000033	0.000195	0.000071	0.000097	-0.000122	0.556183	0.133865	-0.581974	-0.564715
248	-0.000015	-0.000404	-0.000396	0.000044	-0.000139	-0.000132	-0.000159	0.000002	0.514182	0.302695	0.156630	-0.532134
249	0.000043	-0.000223	-0.000390	0.000004	-0.000061	-0.000057	-0.000081	-0.000033	0.266221	0.531185	0.158456	-0.566883
250	0.000014	0.000036	0.000157	-0.000017	-0.000009	0.000009	0.000024	0.000040	0.145065	0.520236	0.298414	0.151374
251	0.000033	-0.000034	0.000122	0.000014	-0.000030	-0.000008	-0.000005	0.000047	0.143923	0.289877	0.526741	0.154268
252	0.000013	0.000156	0.000035	-0.000017	0.000066	0.000057	0.000056	-0.000012	-0.552833	0.150140	0.517081	0.290016
253	0.000012	0.000162	0.000058	-0.000020	0.000066	0.000062	0.000065	-0.000008	-0.516479	0.148597	0.288804	0.518561
254	-0.000014	-0.000061	-0.000208	-0.000013	-0.000005	-0.000007	-0.000031	-0.000054	-0.512532	-0.574649	0.154397	0.526227
255	-0.000048	-0.000008	-0.000131	-0.000004	0.000010	0.000001	-0.000011	-0.000053	-0.549281	-0.538638	0.151719	0.298268
256	0.000069	-0.000182	0.000112	0.000013	-0.000082	-0.000052	-0.000047	0.000090	0.133219	-0.534478	-0.568773	0.156727
257	0.000021	-0.000366	0.000028	0.000020	-0.000161	-0.000113	-0.000124	0.000097	0.138683	-0.570181	-0.533776	0.155121
258	-0.000118	0.000311	-0.000706	0.000041	0.000169	0.000115	0.000114	-0.000002	0.000524	0.000368	-0.000063	0.000156
259	0.000427	0.000723	0.000998	-0.000027	0.000185	0.000148	0.000226	-0.000056	-0.000044	0.000572	-0.000061	0.000117
260	0.000047	-0.000201	0.000015	0.000007	-0.000126	-0.000102	-0.000134	0.000006	-0.000192	-0.000368	0.000031	-0.000142
261	0.000033	-0.000135	0.000129	-0.000017	-0.000072	-0.000049	-0.000057	-0.000007	-0.000096	-0.000190	0.000033	-0.000114
262	-0.000092	-0.000090	-0.000083	-0.000005	-0.000010	-0.000001	0.000006	0.000011	-0.000019	0.000034	-0.000019	0.000020
263	-0.000086	-0.000132	-0.000119	0.000005	-0.000024	-0.000016	-0.000023	0.000025	-0.000024	-0.000039	0.000008	0.000016
264	0.000072	0.000175	0.000026	-0.000004	0.000062	0.000050	0.000058	-0.000015	0.000022	0.000136	0.000014	0.000031
265	0.000070	0.000172	-0.000011	-0.000002	0.000053	0.000044	0.000047	-0.000018	0.000027	0.000129	0.000009	0.000032
266	0.000014	-0.000032	0.000166	-0.000008	-0.000018	-0.000013	-0.000013	-0.000006	-0.000039	-0.000068	0.000007	-0.000029
267	0.000013	0.000000	0.000170	-0.000006	0.000010	0.000005	0.000009	-0.000013	0.000013	0.000019	-0.000010	-0.000008
268	-0.000235	-0.000402	-0.000218	-0.000009	-0.000088	-0.000066	-0.000086	0.000024	-0.000093	-0.000204	0.000040	-0.000022

269	-0.000146	-0.000387	-0.000365	0.000025	-0.000140	-0.000115	-0.000148	0.000051	-0.000079	-0.000388	0.000010	-0.000057
270	0.000168	0.000411	0.000906	-0.000200	0.000164	0.000083	0.000167	0.000063	0.000715	0.000549	0.000258	0.000075
271	0.000203	0.000308	-0.000086	0.000089	0.000173	0.000170	0.000266	-0.000012	-0.000395	0.000400	-0.000062	-0.000172
272	-0.000143	-0.000238	-0.000468	0.000055	-0.000144	-0.000101	-0.000151	-0.000002	-0.000154	-0.000482	-0.000191	0.000059
273	-0.000136	-0.000097	-0.000332	0.000040	-0.000087	-0.000057	-0.000081	-0.000015	-0.000158	-0.000304	-0.000150	0.000044
274	0.000021	-0.000082	0.000114	0.000005	0.000007	-0.000005	-0.000012	-0.000020	0.000086	0.000049	0.000026	0.000014
275	0.000003	-0.000112	0.000059	0.000001	-0.000006	-0.000014	-0.000046	-0.000025	0.000042	0.000026	0.000059	0.000001
276	0.000042	0.000125	0.000057	-0.000012	0.000064	0.000057	0.000077	-0.000010	-0.000080	0.000234	0.000103	-0.000088
277	0.000047	0.000121	0.000069	-0.000015	0.000065	0.000053	0.000079	0.000001	-0.000048	0.000206	0.000092	-0.000065
278	-0.000055	-0.000070	-0.000147	-0.000001	-0.000032	-0.000016	-0.000025	-0.000007	-0.000027	-0.000173	-0.000099	0.000057
279	-0.000033	0.000030	-0.000099	-0.000026	-0.000015	-0.000004	0.000022	-0.000004	0.000011	-0.000127	-0.000112	0.000060
280	-0.000049	-0.000161	-0.000024	0.000016	-0.000069	-0.000047	-0.000098	0.000003	0.000049	-0.000159	0.000025	0.000030
281	-0.000069	-0.000237	-0.000051	0.000048	-0.000120	-0.000118	-0.000198	0.000029	-0.000040	-0.000219	0.000049	-0.000015
282	-0.005180	0.002429	-0.004045	-0.001931	-0.000388	0.000164	-0.000142	0.000929	-0.000068	0.000146	0.000215	0.000062
283	0.000814	-0.003855	-0.006786	-0.000290	0.000112	0.000014	-0.000084	-0.001389	0.000026	0.000162	0.000062	-0.000036
284	0.001090	0.000457	0.000327	-0.000080	-0.000120	-0.000394	0.000018	-0.000289	0.000007	-0.000057	0.000003	-0.000019
285	-0.000213	0.000736	0.001380	0.000661	-0.000143	-0.000388	0.000354	-0.000191	-0.000029	-0.000067	-0.000016	-0.000007
286	0.000335	0.002636	0.004557	0.000377	0.000449	0.000107	0.000245	0.000048	-0.000101	-0.000097	-0.000061	-0.000022
287	0.002259	0.002160	0.001777	-0.001742	0.000173	-0.000110	-0.000016	-0.000603	-0.000148	-0.000102	-0.000031	-0.000086
288	-0.000178	0.000119	-0.000273	0.000093	-0.000023	-0.000004	-0.000049	0.000051	0.004985	0.000103	-0.002927	-0.002313
289	-0.000067	0.000056	-0.000018	0.000034	0.000038	0.000007	-0.000011	-0.000013	0.001030	0.001554	0.001833	0.002492
290	0.000005	-0.000022	0.000004	-0.000009	-0.000020	-0.000008	0.000009	0.000010	-0.003762	-0.002715	0.000700	0.000718
291	-0.000015	-0.000046	-0.000035	-0.000016	-0.000033	-0.000008	0.000003	-0.000002	-0.001726	-0.000930	0.001063	0.001453
292	-0.000001	-0.000074	-0.000034	-0.000025	-0.000031	-0.000010	0.000004	-0.000001	-0.002286	-0.001415	-0.000428	-0.000615
293	-0.000020	-0.000080	-0.000053	-0.000037	-0.000002	-0.000002	0.000008	-0.000015	-0.006044	-0.006465	-0.000980	0.003099
294	-0.000196	0.000146	-0.000126	0.000059	-0.000067	-0.000032	-0.000016	-0.000057	-0.000122	0.000005	-0.000146	-0.000186
295	-0.000045	-0.000042	-0.000060	0.000012	-0.000031	-0.000016	-0.000016	-0.000016	0.000040	0.000045	-0.000020	-0.000046
296	0.000021	-0.000019	-0.000011	-0.000003	0.000009	0.000001	0.000003	0.000011	-0.000064	-0.000089	-0.000011	-0.000009
297	0.000005	0.000000	0.000015	0.000003	0.000007	-0.000002	0.000007	0.000014	-0.000007	-0.000081	-0.000031	-0.000001
298	0.000028	0.000033	0.000036	-0.000003	0.000022	0.000006	0.000016	0.000015	-0.000015	-0.000036	0.000002	0.000016
299	0.000023	-0.000049	-0.000015	-0.000013	0.000008	0.000000	-0.000003	0.000014	-0.000049	-0.000112	0.000008	0.000029
300	0.000141	-0.000188	0.000339	0.000032	0.000023	-0.000058	0.000045	0.000080	-0.000247	0.000115	0.000239	0.000090
301	0.000057	0.000114	0.000181	-0.000005	0.000002	-0.000027	0.000030	0.000050	-0.000111	0.000030	0.000060	0.000014
302	-0.000054	-0.000094	-0.000106	0.000008	-0.000024	-0.000007	-0.000038	-0.000029	0.000007	-0.000032	-0.000020	-0.000009
303	-0.000016	-0.000046	-0.000079	-0.000004	-0.000015	-0.000006	-0.000025	-0.000015	0.000001	0.000000	-0.000010	-0.000005
304	-0.000026	-0.000052	-0.000056	-0.000019	-0.000017	0.000002	-0.000014	-0.000007	0.000038	0.000025	-0.000011	-0.000025
305	-0.000027	-0.000006	-0.000164	-0.000027	-0.000042	-0.000002	-0.000024	-0.000009	0.000027	-0.000059	-0.000034	-0.000040
306	-0.002347	0.008989	-0.045955	0.007936	0.001130	-0.000031	-0.000024	0.003338	-0.000003	0.000488	0.000081	-0.000263
307	0.000195	-0.000813	-0.002248	-0.001082	0.000356	0.000098	-0.000132	0.000585	-0.000118	0.000064	0.000082	-0.000007
308	-0.002845	-0.000506	-0.000250	0.000644	-0.000292	-0.000001	-0.000221	-0.000351	0.000060	-0.000010	0.000036	0.000008
309	0.000871	-0.001019	0.001222	-0.000337	-0.000284	-0.000185	0.000341	0.000184	0.000011	0.000025	-0.000005	0.000015
310	-0.001639	0.002045	0.001580	0.000569	0.000245	-0.000017	0.000028	0.000185	0.000010	-0.000019	-0.000006	0.000031
311	0.004578	-0.003516	-0.000964	-0.000176	0.000003	0.000019	-0.000781	0.001050	0.000030	-0.000014	0.000005	-0.000029
312	-0.000270	0.001459	0.002410	0.000361	-0.000016	0.000055	0.000773	-0.001625	0.000008	-0.000044	-0.000110	-0.000018
313	-0.000117	-0.000185	-0.000175	0.000025	0.000047	-0.000024	-0.000042	-0.000006	-0.039675	0.009049	-0.004458	-0.001469
314	-0.000092	0.000051	-0.000190	0.000003	-0.000023	0.000002	-0.000022	0.000000	0.000582	0.005180	-0.000363	0.001460
315	-0.000050	-0.000014	-0.000018	0.000023	-0.000012	-0.000012	-0.000014	0.000002	0.001669	-0.004133	0.001794	-0.004858
316	0.000036	0.000036	0.000050	0.000015	0.000010	0.000006	0.000015	0.000026	0.000514	0.001804	-0.002460	-0.002119
317	0.000021	-0.000018	-0.000024	-0.000019	-0.000016	-0.000001	-0.000008	-0.000012	-0.001897	-0.000714	0.002725	-0.000342
318	-0.000012	0.000020	0.000026	-0.000004	0.000008	-0.000001	0.000003	-0.000007	-0.002219	-0.002464	0.001398	0.003963

319	0.000096	-0.000075	0.000149	-0.000018	0.000032	0.000005	0.000025	-0.000009	-0.003519	-0.001202	0.003784	-0.002461
320	-0.000206	-0.000312	0.000092	0.000008	0.000010	0.000015	0.000034	0.000020	-0.000298	-0.000118	-0.000153	-0.000001
321	-0.000060	0.000049	-0.000004	0.000041	-0.000036	-0.000020	-0.000007	0.000005	-0.000004	-0.000069	-0.000136	-0.000037
322	-0.000051	-0.000028	-0.000052	0.000004	-0.000015	-0.000011	-0.000014	-0.000019	-0.000032	-0.000028	-0.000014	-0.000047
323	0.000023	0.000043	0.000004	-0.000007	0.000016	0.000010	0.000016	0.000000	-0.000011	0.000056	0.000034	0.000000
324	0.000003	0.000026	0.000039	0.000005	0.000000	0.000004	0.000000	0.000007	0.000006	-0.000015	-0.000018	0.000000
325	0.000007	-0.000087	-0.000017	-0.000001	-0.000011	-0.000010	-0.000016	0.000005	0.000020	-0.000045	-0.000020	0.000043
326	0.000079	-0.000003	0.000033	-0.000044	0.000047	0.000027	0.000020	0.000003	0.000021	0.000101	0.000154	0.000042
327	0.000228	0.000219	-0.000064	-0.000065	-0.000069	-0.000026	0.000041	0.000062	-0.000088	0.000075	0.000071	-0.000046
328	0.000061	-0.000089	0.000129	-0.000003	0.000011	-0.000021	0.000022	0.000012	-0.000130	0.000098	0.000086	0.000064
329	-0.000001	-0.000026	0.000019	0.000014	-0.000001	-0.000014	-0.000006	0.000010	-0.000044	-0.000039	0.000029	0.000005
330	-0.000005	-0.000019	0.000037	0.000012	-0.000001	0.000003	0.000001	0.000011	0.000020	0.000031	0.000001	-0.000012
331	0.000009	-0.000005	-0.000056	-0.000011	0.000010	0.000004	-0.000008	-0.000029	0.000025	0.000001	-0.000003	0.000016
332	-0.000041	-0.000011	-0.000020	0.000020	0.000003	0.000011	0.000002	-0.000012	-0.000015	-0.000041	-0.000045	0.000009
333	-0.000024	0.000151	-0.000113	-0.000030	-0.000022	0.000018	-0.000011	0.000007	0.000143	-0.000052	-0.000070	-0.000083

	205	206	207	208	209	210	211	212	213	214	215	216
1	-0.000631	0.000118	0.000041	-0.000355	-0.000171	-0.000293	0.000094	-0.000854	-0.000364	0.000885	0.000459	-0.000353
2	0.001519	-0.000643	0.000181	0.001410	0.000497	0.000277	-0.001009	0.003893	0.001697	-0.003669	-0.000521	0.001360
3	0.001867	-0.000892	0.000319	0.000358	0.000226	0.000348	0.000116	-0.000971	0.001838	-0.000357	0.000041	0.000911
4	0.005469	-0.012181	0.000294	0.000783	0.000068	0.000563	0.001634	-0.000575	0.001767	-0.000405	-0.000488	0.001439
5	-0.001945	0.007428	0.002037	0.000089	0.000106	0.000378	0.000554	-0.012918	0.005698	-0.004952	0.003580	-0.003851
6	0.001646	-0.000872	-0.000116	0.000333	0.000161	0.000411	0.000398	0.007825	-0.002066	0.003795	-0.005348	0.006887
7	0.000153	0.000883	-0.000246	-0.000040	0.000008	0.000228	0.000031	-0.000199	0.000058	0.000074	-0.000260	0.000214
8	0.000128	-0.001274	-0.000232	0.000085	0.000110	0.000113	-0.000239	0.001506	0.002446	-0.000637	0.000846	0.000914
9	0.001489	0.002737	0.000532	0.000357	0.000166	0.000424	0.000327	-0.000258	-0.000194	0.000296	-0.000825	0.000198
10	-0.004309	-0.005505	0.000408	-0.000404	-0.000206	-0.000602	0.000110	-0.001283	0.000040	-0.000419	0.000800	-0.000536
11	0.014133	-0.006891	-0.001992	0.001726	0.000460	0.001706	0.000751	0.002681	0.001269	0.000611	-0.001218	0.002613
12	-0.000477	0.025972	0.001331	0.001044	0.000442	0.001263	-0.000879	-0.005209	-0.004044	0.001076	-0.000789	-0.001529
13	-0.002566	-0.010472	0.000073	-0.000614	-0.000173	-0.000424	0.000426	-0.007983	0.013560	-0.010171	0.006174	-0.004876
14	0.002546	0.001898	0.000108	0.000378	0.000095	0.000496	0.000417	0.027143	-0.001177	0.005797	-0.009493	0.014620
15	-0.000418	-0.000376	-0.000273	-0.000115	0.000077	-0.000039	-0.000078	-0.010667	-0.002414	-0.000774	0.000004	-0.003611
16	0.000589	0.000771	0.000338	0.000003	-0.000103	-0.000005	0.000083	0.000916	-0.000479	0.000827	-0.000756	0.000333
17	-0.000434	0.000138	-0.000393	0.000227	0.000290	0.000292	-0.000155	-0.000163	0.000565	-0.000394	0.000366	-0.000155
18	0.000303	0.000846	0.000214	-0.000031	-0.000075	-0.000037	0.000019	0.001198	-0.000091	0.000308	-0.000237	0.000503
19	-0.006733	0.006173	-0.001145	-0.000191	0.000321	0.000124	0.000222	0.000730	0.000459	-0.000292	0.000348	-0.000160
20	0.002120	0.004220	0.001835	0.001181	0.000182	0.000888	0.000522	0.000171	-0.000546	0.000578	-0.000354	0.000892
21	0.005583	-0.003761	0.000007	-0.000723	-0.000738	-0.000641	-0.000808	0.000447	0.000451	-0.000580	0.000781	-0.000626
22	-0.008620	0.016559	-0.000533	-0.000671	-0.000819	-0.000796	0.001031	0.005995	-0.006497	0.003144	-0.002022	0.001152
23	0.004315	0.002145	0.000626	0.000828	0.000250	0.001113	0.001904	0.004033	0.002296	0.000552	-0.001237	0.003999
24	-0.000555	-0.005802	0.000012	0.000022	0.000312	-0.000082	-0.000952	-0.003497	0.005339	-0.006231	0.003519	-0.009335
25	-0.000461	0.000946	0.000074	-0.000067	-0.000084	-0.000043	0.000243	0.017299	-0.008902	0.004609	-0.005453	0.004539
26	0.000553	0.000083	-0.000215	0.000163	0.000264	0.000245	-0.000331	0.001898	0.004254	-0.001481	-0.000245	0.002681
27	-0.000212	0.001231	0.000093	-0.000033	-0.000117	-0.000001	0.000251	-0.006732	-0.000293	-0.002474	0.001563	-0.005980
28	-0.003144	-0.002615	-0.001037	-0.000604	-0.000003	-0.000541	-0.000414	0.000533	0.001339	-0.001470	0.001322	-0.001548
29	0.001478	0.004640	0.000925	0.000960	0.000240	0.000885	0.000249	0.001158	-0.001945	0.001826	-0.001209	0.001650
30	0.010220	-0.039552	0.003205	-0.000194	-0.000452	-0.000067	0.003732	-0.002817	-0.003264	0.000191	0.000221	-0.002708
31	-0.002663	-0.021441	0.004402	-0.000349	-0.000498	-0.000493	0.004537	0.004250	0.001513	0.000669	0.000063	0.003275
32	0.003388	0.006023	0.000617	0.000666	0.000271	0.000814	0.000875	-0.040289	0.009830	-0.012015	0.000741	-0.005826

33	-0.003079	-0.002905	-0.000558	-0.000710	-0.000068	-0.000672	-0.001028	-0.021230	-0.002934	0.000734	-0.010694	0.010132
34	0.001677	0.000888	-0.000040	-0.000043	0.000042	0.000018	-0.000247	0.005784	0.003234	-0.000509	-0.000446	0.002289
35	-0.001800	0.001053	-0.000223	0.000031	0.000023	0.000118	-0.000071	-0.003359	-0.002941	0.000446	-0.000368	-0.002966
36	0.000017	0.000043	-0.000026	0.000034	0.000029	0.000051	-0.000005	0.000033	0.000147	0.000049	-0.000017	0.000017
37	0.000077	-0.000018	-0.000001	0.000045	0.000042	0.000020	-0.000004	0.000036	0.000010	-0.000004	0.000015	0.000074
38	0.000307	0.000188	0.000026	0.000135	0.000053	0.000074	-0.000009	0.000038	0.000001	-0.000053	0.000052	0.000092
39	-0.003653	0.005901	0.002023	-0.000101	-0.000160	-0.000064	0.000155	-0.000022	0.000073	0.000021	-0.000022	0.000097
40	0.001841	0.000007	0.000336	-0.000069	-0.000132	-0.000086	0.001844	0.000147	0.000292	0.000032	-0.000028	0.000359
41	0.000374	0.000262	0.000016	0.000072	0.000047	0.000121	0.000025	0.005564	-0.003518	0.003259	-0.003025	0.002166
42	0.000072	0.000128	0.000005	0.000029	0.000025	0.000047	0.000019	-0.000353	0.001990	-0.003188	0.001921	-0.002873
43	0.000027	0.000031	-0.000041	0.000023	0.000025	0.000059	-0.000005	0.000209	0.000379	0.000023	0.000089	0.000349
44	0.000160	0.000237	0.000021	0.000028	0.000034	0.000058	-0.000059	0.000340	0.000195	-0.000005	0.000017	0.000189
45	-0.002187	0.275150	-0.001830	0.003770	0.000496	0.003917	-0.000923	0.000222	0.000187	-0.000041	0.000144	-0.000011
46	0.000035	0.000272	-0.000052	-0.000005	0.000029	0.000057	-0.000019	0.280981	-0.003207	-0.017119	-0.016961	-0.004731
47	0.000037	0.000411	0.000002	0.000073	0.000018	0.000084	-0.000004	0.000099	-0.000020	0.000209	-0.000205	0.000053
48	-0.000875	0.000390	0.000076	-0.000121	-0.000132	-0.000251	0.000420	-0.000091	-0.000083	0.000409	0.000430	-0.000339
49	0.000591	0.000293	-0.000277	-0.000044	-0.000063	0.000265	-0.000158	-0.000112	0.000094	-0.000010	-0.000053	0.000582
50	0.000834	-0.000246	-0.000072	0.000093	0.000114	0.000222	0.000218	0.000230	0.000097	0.000069	0.000648	0.000615
51	0.000371	0.000536	-0.000194	0.000143	0.000141	0.000285	0.000126	0.000132	0.000363	0.000119	-0.000098	0.000321
52	-0.001061	-0.000036	0.000153	-0.000240	-0.000231	-0.000420	0.000049	-0.000025	-0.000321	0.000047	-0.000037	-0.000783
53	-0.000002	0.000137	-0.000072	-0.000014	-0.000018	0.000085	0.000291	-0.000065	0.000154	0.000236	0.000337	0.000343
54	0.000087	0.000047	-0.000044	0.000012	0.000001	0.000059	-0.000022	0.000017	0.000028	-0.000018	-0.000028	0.000082
55	-0.000259	-0.000001	-0.000047	-0.000193	-0.000219	-0.000176	0.000052	-0.000103	-0.000230	-0.000061	-0.000205	-0.000234
56	0.000170	-0.000007	-0.000038	0.000023	0.000022	0.000061	0.000040	0.000113	0.000003	-0.000035	0.000070	0.000164
57	0.000022	-0.000012	0.000012	0.000019	0.000015	-0.000004	0.000015	0.000026	-0.000012	-0.000010	0.000023	0.000001
58	0.000059	-0.000049	-0.000022	0.000048	0.000057	0.000048	-0.000037	-0.000005	0.000127	0.000048	-0.000013	0.000051
59	0.000120	0.000023	-0.000048	0.000037	0.000049	0.000079	-0.000011	0.000008	0.000110	0.000049	0.000013	0.000057
60	0.000076	0.000012	0.000046	0.000023	0.000007	-0.000007	-0.000005	-0.000573	0.000165	0.000496	-0.000067	0.000057
61	-0.000106	-0.000982	-0.000192	0.000277	0.000205	0.000152	0.001154	0.000794	0.000523	-0.000771	-0.001011	0.000380
62	-0.001565	0.000415	-0.000172	-0.000038	-0.000085	0.000092	-0.000976	0.000722	0.001152	-0.000199	0.000777	-0.000057
63	-0.002015	-0.000430	-0.000426	0.000040	-0.000101	-0.000061	-0.001725	0.000089	0.000524	0.000592	0.000633	0.000267
64	0.000177	-0.000899	0.000094	0.000183	0.000177	0.000161	0.001611	-0.001291	0.001173	0.000198	-0.000874	-0.000609
65	-0.000179	0.000310	0.000494	0.000045	0.000113	-0.000151	0.002338	-0.000436	-0.000102	-0.000082	-0.000314	-0.000571
66	0.001279	0.001281	-0.000007	-0.000248	-0.000182	-0.000060	-0.002066	0.000925	-0.000237	0.000764	0.001492	0.000358
67	0.002261	0.001372	0.000090	-0.000369	-0.000212	0.000060	-0.001816	-0.000589	-0.000883	0.000234	0.000647	-0.000025
68	0.000142	-0.000953	0.000121	0.000103	0.000086	-0.000196	0.001494	-0.000576	-0.002028	-0.000824	-0.001391	0.000319
69	0.000164	0.001510	-0.000454	0.000112	0.000055	0.000068	-0.000607	0.002034	-0.001299	0.000620	0.000197	-0.000680
70	0.000958	-0.007362	0.001258	-0.000006	-0.000207	-0.000087	0.001448	0.001306	-0.000153	0.000078	0.001071	-0.000493
71	0.000129	0.003677	-0.000375	-0.000061	0.000065	0.000015	-0.000348	-0.006802	0.001476	-0.001479	-0.000798	0.000834
72	-0.000930	0.002357	-0.000365	-0.000088	0.000069	-0.000027	-0.000497	0.003398	-0.000320	0.000789	-0.000431	0.000346
73	-0.000071	-0.001410	0.000233	-0.000099	-0.000122	-0.000131	0.000248	-0.000639	0.000576	-0.000044	0.000227	0.000620
74	0.000095	0.000827	0.000056	0.000096	0.000057	0.000114	-0.000028	0.000634	0.000124	0.000127	-0.000187	0.000169
75	0.000042	0.000769	-0.000061	0.000093	0.000078	0.000140	-0.000034	0.000866	0.000286	0.000013	-0.000054	0.000185
76	0.001607	-0.000581	0.000340	-0.000053	-0.000125	-0.000113	0.000087	-0.001200	0.000441	-0.000443	0.000095	-0.000254
77	-0.006872	0.004766	-0.000048	-0.000056	0.000051	-0.000301	0.000181	-0.001133	0.000030	-0.000211	-0.000280	0.000132
78	0.001170	0.001186	-0.000558	0.000314	0.000180	0.000404	0.000024	0.000756	0.000073	0.000213	-0.000026	0.000315
79	0.005764	-0.001502	-0.000231	0.000596	0.000068	0.000399	-0.000345	0.000647	0.000053	0.000097	0.000140	0.000158
80	0.002471	-0.022066	-0.002028	-0.000779	-0.000298	-0.000867	0.000776	-0.000457	0.001408	-0.000517	-0.000303	0.000254
81	-0.006272	-0.001656	0.001011	-0.001189	-0.000339	-0.001023	-0.001690	0.004896	-0.006825	0.004019	-0.003487	0.002248
82	0.001070	0.008160	-0.000065	0.000347	0.000067	0.000430	-0.000182	0.001315	0.001287	-0.001051	0.001038	-0.000766

83	-0.000528	0.003531	0.000040	0.000311	0.000195	0.000290	-0.000232	-0.001261	0.005716	-0.002812	0.002982	-0.000190
84	0.000129	-0.009070	-0.000208	-0.000235	0.000042	-0.000335	-0.000113	-0.022862	0.002612	-0.005805	0.003143	-0.008870
85	0.000727	-0.000685	0.000041	0.000005	-0.000155	0.000036	0.000479	-0.001110	-0.006421	0.003109	-0.004881	0.002367
86	0.000180	0.000643	-0.000046	0.000066	0.000079	0.000080	-0.000088	0.008877	0.000999	0.003068	-0.002067	0.005984
87	0.000302	0.000921	-0.000016	0.000062	0.000049	0.000072	-0.000015	0.003675	-0.000388	0.000669	-0.001258	0.001264
88	0.000038	-0.001333	0.000104	-0.000127	-0.000140	-0.000125	0.000245	-0.009697	0.000355	-0.003537	0.002895	-0.006578
89	-0.000847	-0.000818	-0.000471	0.000004	0.000119	0.000016	-0.000005	0.000021	-0.000406	0.000152	0.000045	-0.000324
90	-0.012706	-0.008268	-0.004323	-0.003031	-0.000935	-0.003152	-0.004410	-0.000955	-0.000917	0.000344	-0.000022	-0.000444
91	-0.000336	-0.000774	-0.000012	-0.000049	0.000123	-0.000036	-0.000377	-0.007567	-0.012352	0.003298	0.004544	-0.013240
92	-0.000247	0.000122	-0.000134	-0.000081	0.000031	-0.000052	-0.000116	-0.000930	-0.000280	-0.000011	-0.000171	-0.000864
93	-0.000051	-0.000420	-0.000020	-0.000051	-0.000025	-0.000061	0.000012	-0.000321	-0.000011	-0.000037	0.000089	-0.000083
94	-0.000045	-0.000407	-0.000035	-0.000046	-0.000032	-0.000054	0.000017	-0.000314	-0.000115	-0.000090	0.000099	-0.000085
95	0.000003	-0.000447	0.000029	-0.000053	-0.000046	-0.000075	0.000017	-0.000447	-0.000144	-0.000015	0.000020	-0.000109
96	-0.000027	-0.000320	0.000033	-0.000040	-0.000032	-0.000065	0.000017	-0.000427	-0.000138	-0.000001	0.000041	-0.000084
97	-0.000765	-0.000646	0.000239	-0.000241	-0.000119	-0.000234	-0.000009	-0.000410	-0.000025	-0.000092	0.000003	-0.000173
98	-0.000385	-0.000530	0.000310	-0.000075	-0.000059	-0.000169	-0.000011	-0.000346	-0.000047	-0.000122	0.000022	-0.000143
99	-0.003431	-0.001095	-0.000265	0.000083	0.000295	0.000014	0.000518	-0.000307	-0.000053	-0.000077	-0.000062	-0.000101
100	-0.002352	0.002578	0.000522	-0.000673	-0.000365	-0.000413	-0.000187	-0.000334	0.000011	-0.000021	-0.000079	-0.000058
101	0.000825	0.001895	-0.000233	-0.000414	-0.000375	-0.000583	0.000315	-0.000676	-0.000819	0.000462	-0.000528	0.000105
102	-0.001963	-0.010071	0.000328	0.000075	0.000313	0.000145	-0.000197	-0.000600	-0.000429	0.000615	-0.000484	0.000642
103	0.000559	-0.001766	-0.000006	-0.000116	-0.000062	-0.000074	0.000132	-0.001182	-0.003301	0.000739	-0.000686	-0.001476
104	-0.000052	-0.001772	-0.000029	-0.000194	-0.000132	-0.000218	0.000088	0.002444	-0.002413	0.002067	-0.002288	0.001655
105	-0.000036	-0.000332	0.000021	-0.000028	-0.000032	-0.000029	0.000047	0.001573	0.000822	-0.001760	0.001489	-0.002357
106	-0.000136	-0.000308	0.000026	-0.000039	-0.000047	-0.000051	0.000043	-0.010452	-0.001836	-0.001299	0.000569	-0.003620
107	-0.000157	-0.000448	0.000014	-0.000029	-0.000029	-0.000036	0.000016	-0.001786	0.000473	-0.000289	0.000697	-0.000406
108	-0.000141	-0.000476	0.000001	-0.000032	-0.000021	-0.000035	0.000001	-0.001869	-0.000047	-0.000398	0.000554	-0.000872
109	0.001071	0.000729	0.000335	-0.000065	-0.000050	-0.000046	0.000160	0.000218	0.000579	-0.000211	-0.000440	-0.000090
110	-0.000192	0.000106	0.000136	0.000059	-0.000068	0.000031	-0.000153	-0.000240	-0.000186	0.000055	0.000406	0.000417
111	0.011460	-0.000278	0.000392	0.001270	0.000423	0.002644	0.003255	0.000944	0.000799	-0.000337	-0.000187	0.000141
112	0.001286	0.008668	0.003907	0.001746	0.000506	0.000529	0.001171	0.000047	0.000154	0.000003	0.000188	0.000300
113	0.000394	0.000610	0.000085	0.000027	-0.000019	0.000024	0.000250	-0.001507	0.011718	-0.010419	0.007426	-0.003002
114	-0.000031	0.000172	-0.000075	0.000021	-0.000104	0.000013	0.000130	0.009116	0.000678	0.006950	-0.011790	0.016131
115	0.000501	0.000156	0.000046	-0.000029	-0.000019	-0.000071	0.000108	0.000747	0.000379	-0.000275	0.000011	0.000447
116	-0.000265	-0.000290	0.000084	0.000109	-0.000013	0.000124	0.000007	0.000218	-0.000067	0.000293	0.000138	0.000415
117	0.001425	0.000111	-0.000171	-0.000055	0.000004	0.000223	-0.000103	-0.000615	-0.000579	-0.000268	-0.000283	0.000627
118	0.000429	-0.000253	0.000019	-0.000001	0.000016	0.000029	0.000134	-0.000045	-0.000230	0.000068	0.000681	0.000412
119	0.000846	-0.000162	-0.000079	0.000065	0.000061	0.000218	-0.000120	0.000148	0.000118	-0.000100	0.000278	0.000678
120	-0.000149	-0.000173	0.000077	-0.000060	-0.000042	-0.000125	0.000029	-0.000001	-0.000146	0.000039	0.000299	-0.000052
121	0.000121	0.000066	-0.000063	0.000032	0.000022	0.000101	-0.000039	-0.000042	0.000125	-0.000032	-0.000212	0.000090
122	0.000024	0.000105	-0.000014	0.000028	0.000021	0.000023	0.000011	0.000043	0.000020	-0.000007	-0.000088	-0.000038
123	-0.000236	0.000032	0.000110	-0.000037	-0.000050	-0.000144	0.000099	0.000036	-0.000161	0.000026	0.000169	-0.000127
124	0.000247	-0.000008	-0.000055	0.000008	0.000008	0.000089	-0.000007	-0.000074	0.000071	-0.000015	-0.000094	0.000099
125	-0.000003	-0.000020	-0.000057	0.000028	0.000041	0.000057	-0.000094	0.000040	0.000092	-0.000010	-0.000073	0.000028
126	0.000673	-0.000160	0.000004	0.000126	0.000134	0.000143	0.000073	0.000245	0.000057	-0.000078	0.000293	0.000431
127	0.000312	-0.000160	0.000070	0.000060	0.000072	0.000031	0.000038	0.000147	-0.000072	-0.000050	0.000327	0.000184
128	-0.000062	-0.000062	-0.000011	-0.000011	0.000003	-0.000019	-0.000010	0.000032	-0.000039	-0.000006	0.000043	-0.000013
129	0.000057	0.000027	0.000005	0.000016	0.000013	0.000027	0.000007	-0.000012	0.000052	0.000020	-0.000023	0.000040
130	0.000107	0.000022	-0.000047	-0.000003	0.000003	0.000046	0.000017	-0.000038	0.000071	0.000035	-0.000031	0.000012
131	-0.000072	0.000015	0.000025	0.000002	-0.000002	-0.000019	-0.000003	0.000018	-0.000031	-0.000009	0.000021	-0.000017
132	0.000014	0.000035	0.000013	-0.000002	-0.000005	-0.000014	0.000012	-0.000001	-0.000017	-0.000002	0.000005	-0.000036

133	-0.000049	-0.000037	0.000017	-0.000003	-0.000013	-0.000023	-0.000023	0.000002	-0.000039	-0.000040	-0.000015	0.000013
134	0.000696	0.000722	0.000183	0.000003	0.000047	0.000059	0.000361	-0.000690	-0.000349	0.000141	0.000588	-0.000212
135	-0.000384	0.000111	0.000116	0.000008	-0.000008	-0.000042	-0.000046	-0.001326	-0.001091	-0.000041	0.000686	-0.000062
136	-0.000245	0.000105	0.000114	-0.000007	-0.000007	-0.000017	-0.000058	-0.000364	-0.000771	0.000030	0.000319	0.000175
137	0.000656	0.000038	0.000029	-0.000015	0.000000	-0.000011	0.000017	-0.000297	0.000124	-0.000099	0.000238	-0.000287
138	0.001169	0.000322	0.000049	-0.000040	0.000041	0.000055	0.000011	-0.000021	0.000213	-0.000126	0.000290	-0.000241
139	0.002791	0.000974	0.000483	-0.000117	0.000129	0.000100	-0.000189	-0.000233	-0.000599	0.000041	0.000307	0.000243
140	0.002042	0.001705	-0.000090	-0.000208	0.000135	0.000173	-0.000002	0.000129	0.000192	-0.000037	0.000063	-0.000146
141	0.002281	0.001115	-0.000957	-0.000215	0.000111	0.000052	0.000459	-0.000017	0.000106	-0.000045	-0.000076	-0.000166
142	0.001031	0.001033	-0.001386	-0.000258	0.000084	0.000053	0.000688	-0.000312	-0.000589	0.000047	0.000105	0.000057
143	-0.000434	-0.002650	0.000689	0.000167	0.000045	-0.000195	0.000910	-0.000770	-0.001077	-0.000171	0.000178	0.000224
144	0.003195	-0.000487	-0.000023	-0.000073	0.000004	-0.000250	-0.001264	-0.001987	-0.003608	-0.000397	-0.001197	0.001178
145	-0.001592	-0.001380	-0.000756	0.000527	0.000193	-0.000291	-0.000108	-0.002785	-0.001401	-0.001463	0.000556	-0.000088
146	0.001873	0.000540	-0.000834	-0.000221	-0.000133	0.000226	0.001744	-0.001069	-0.001052	-0.000749	-0.000699	0.000498
147	0.003373	0.001039	-0.000693	-0.000163	-0.000092	0.000372	0.001876	-0.000144	-0.000311	0.000958	-0.001233	0.001681
148	0.002160	0.001844	-0.000188	-0.000104	-0.000051	0.000183	0.000325	0.004535	0.000272	-0.003026	0.000774	-0.000826
149	0.000634	0.000219	-0.000024	0.000015	0.000011	-0.000054	-0.000012	-0.002398	-0.003276	0.000804	0.000666	0.000197
150	0.001347	0.000613	0.000028	-0.000056	0.000006	-0.000017	0.000107	-0.000065	0.001932	-0.001508	0.003982	-0.002715
151	0.000819	0.000304	0.000065	-0.000055	0.000001	-0.000006	0.000161	-0.000279	-0.001445	0.000994	-0.000888	0.000709
152	-0.000194	0.000207	0.000077	-0.000023	0.000000	-0.000041	-0.000097	-0.001090	-0.002044	0.000994	0.000354	0.000775
153	-0.000383	0.000134	0.000061	0.000026	0.000018	-0.000033	-0.000117	-0.002746	-0.001283	-0.000287	0.001315	0.000156
154	0.001607	0.000888	-0.000027	-0.000087	0.000053	0.000078	0.000076	-0.000027	-0.000652	-0.000220	0.000587	0.000164
155	-0.001383	-0.003646	0.000597	0.000371	0.000137	-0.000658	-0.000518	-0.001052	-0.001061	-0.000275	0.000570	0.000074
156	0.001639	0.000562	-0.000130	-0.000049	0.000006	0.000014	0.000225	0.002664	0.002816	-0.010603	0.011119	-0.006770
157	0.000379	0.000412	0.000141	0.000012	0.000009	-0.000026	0.000032	-0.001187	-0.001079	-0.000242	0.000718	0.000042
158	-0.000097	-0.000120	-0.000064	-0.000032	-0.000067	0.000035	-0.000068	0.000015	0.000047	0.000081	0.000179	-0.000019
159	0.001173	0.000734	-0.000219	-0.000166	-0.000097	0.000285	-0.000228	0.000265	0.000172	0.000175	0.000477	0.000008
160	0.001081	0.000517	-0.000182	-0.000131	-0.000065	0.000249	-0.000274	0.000187	0.000135	0.000126	0.000324	-0.000030
161	0.000125	-0.000140	-0.000024	0.000005	0.000023	0.000043	0.000221	-0.000071	-0.000020	-0.000054	-0.000195	-0.000070
162	-0.000055	-0.000047	-0.000043	-0.000002	0.000009	0.000008	-0.000008	0.000218	-0.000188	-0.000136	-0.000161	0.000053
163	0.000538	-0.000445	-0.000003	0.000072	0.000141	0.000086	0.001124	-0.000021	-0.000292	-0.000475	-0.000917	-0.000049
164	-0.000305	0.000159	0.000229	-0.000009	-0.000021	-0.000050	-0.000067	-0.000674	-0.001331	-0.000067	0.000640	0.000261
165	0.000014	0.000011	-0.000023	0.000005	-0.000004	-0.000010	0.000006	-0.000264	0.000082	0.000007	0.000001	-0.000182
166	-0.001016	-0.000087	-0.000106	0.000032	-0.000003	0.000008	-0.000022	0.000290	-0.000071	0.000176	-0.000383	0.000336
167	0.003315	0.000674	-0.000260	-0.000109	0.000039	0.000002	-0.000021	0.000070	0.000186	-0.000010	-0.000068	-0.000237
168	-0.000477	-0.001093	0.001283	0.000122	-0.000114	-0.000010	-0.000434	0.000042	-0.000004	0.000071	0.000010	0.000006
169	-0.000120	0.004396	-0.002128	-0.000238	0.000238	0.000298	0.000095	0.000544	0.000905	-0.000057	-0.000110	-0.000084
170	0.000679	0.004621	0.000150	-0.000385	-0.000086	0.000529	0.001372	0.000522	0.002420	-0.001953	0.000687	-0.001807
171	0.002225	0.001235	-0.000733	-0.000101	-0.000073	0.000432	0.002451	0.001589	0.001769	0.000642	0.001206	-0.000963
172	-0.003578	-0.000214	0.000119	0.000093	0.000071	-0.000059	-0.000284	-0.005677	0.000125	-0.001369	-0.000741	-0.000207
173	0.001332	0.000506	0.000120	-0.000094	-0.000001	-0.000022	0.000221	0.001514	0.001729	-0.001115	-0.000381	-0.001691
174	-0.000075	0.000075	0.000011	-0.000005	-0.000003	-0.000009	-0.000040	-0.000646	-0.001043	0.000638	0.000680	0.000378
175	0.000281	-0.000399	-0.000143	0.000036	-0.000002	0.000061	0.000119	0.000925	0.002671	-0.001062	0.000560	-0.001054
176	0.001247	-0.000651	-0.000270	0.000090	-0.000030	-0.000055	0.000147	0.000338	0.002144	0.000199	-0.000950	-0.001006
177	-0.001205	0.000546	-0.000129	-0.000065	-0.000060	-0.000027	0.000262	-0.000553	-0.001736	0.000023	0.000796	0.000650
178	-0.005939	0.012717	0.000090	-0.001064	0.000002	0.000944	-0.000348	0.000284	-0.000772	0.000266	0.000631	0.000397
179	0.005481	-0.014153	0.000301	0.001034	0.000156	-0.000947	-0.000078	0.000474	0.001202	0.001128	-0.000476	0.000110
180	0.001619	0.001555	0.000165	-0.000045	0.000040	0.000097	0.000217	-0.012609	0.003548	0.000797	-0.004783	0.000774
181	-0.001469	0.000263	0.000051	-0.000019	-0.000004	-0.000099	-0.000587	0.013602	-0.003776	-0.002670	0.001919	-0.000378
182	-0.002266	-0.000713	-0.000047	0.000068	-0.000048	-0.000114	-0.000576	-0.001938	-0.001365	-0.000826	0.002107	-0.000201

183	0.002043	0.000162	-0.000072	-0.000014	0.000019	0.000041	0.000240	-0.000977	0.000976	-0.000332	0.000431	-0.000944
184	0.001311	0.000355	-0.000113	-0.000119	0.000010	0.000255	-0.000289	0.000110	0.000113	0.000022	-0.000039	-0.000098
185	0.001344	0.001045	-0.000168	-0.000165	-0.000071	0.000218	-0.000368	0.000384	0.000289	0.000245	0.000665	0.000117
186	-0.000238	-0.000169	0.000034	0.000007	-0.000024	-0.000026	-0.000160	0.000018	-0.000035	0.000013	0.000058	0.000019
187	-0.001272	-0.000812	0.000103	0.000144	0.000057	-0.000212	0.000536	-0.000385	-0.000207	-0.000195	-0.000561	-0.000113
188	-0.001165	-0.000459	0.000148	0.000139	0.000033	-0.000241	0.000289	-0.000143	-0.000167	-0.000092	-0.000141	0.000080
189	0.000013	-0.000003	0.000015	0.000011	0.000004	0.000005	-0.000007	0.000022	-0.000014	-0.000002	0.000021	0.000023
190	0.000256	0.000107	0.000105	0.000081	0.000036	0.000025	-0.000018	0.000305	0.000152	-0.000129	0.000017	0.000217
191	0.000136	0.000199	-0.000008	0.000090	0.000087	0.000093	-0.000053	0.000312	-0.000230	-0.000227	0.000366	0.000497
192	0.000059	0.000040	0.000030	0.000051	0.000019	0.000021	-0.000011	-0.000183	-0.000073	0.000135	-0.000036	-0.000023
193	0.000019	-0.000097	0.000010	0.000036	0.000019	-0.000012	-0.000028	0.000030	0.000222	-0.000028	-0.000068	-0.000066
194	0.000277	0.000053	-0.000016	0.000142	0.000081	0.000097	-0.000056	0.000230	0.000334	0.000029	-0.000131	0.000164
195	0.000316	-0.000012	0.000082	0.000076	0.000033	0.000022	-0.000045	-0.000275	0.000250	0.000248	-0.000122	-0.000132
196	-0.000003	0.000049	0.000033	-0.000015	-0.000011	-0.000009	0.000016	0.000012	-0.000018	-0.000020	-0.000012	-0.000006
197	0.000123	0.000057	-0.000017	0.000058	0.000061	0.000072	0.000004	0.000041	0.000086	0.000005	-0.000006	0.000086
198	0.000082	-0.000018	-0.000037	0.000061	0.000049	0.000051	-0.000040	0.000029	0.000084	0.000023	0.000004	0.000067
199	0.000090	-0.000012	-0.000006	0.000069	0.000039	0.000035	-0.000032	0.000021	0.000110	0.000028	-0.000012	0.000074
200	-0.000013	-0.000110	0.000024	-0.000001	-0.000017	-0.000054	-0.000007	-0.000014	-0.000028	-0.000007	0.000008	-0.000026
201	0.086033	0.243310	0.082235	-0.010615	-0.005081	-0.004483	-0.007556	0.000124	0.000134	0.000014	0.000087	0.000135
202	1.212170	0.087957	0.083545	0.089747	-0.006823	-0.004960	-0.005395	0.000202	0.000310	-0.000013	0.000078	0.000233
203	0.080845	1.193870	-0.006531	0.090573	0.089740	-0.006736	-0.001472	-0.000011	-0.000031	0.000016	-0.000002	0.000024
204	0.203970	0.057432	-0.001628	-0.006942	0.089790	0.091324	-0.006529	0.000030	0.000071	0.000011	0.000083	0.000106
205	5.764200	0.204231	-0.005263	-0.005236	-0.006681	0.089585	0.085298	0.000048	0.000179	0.000042	0.000064	0.000256
206	0.204231	5.549240	-0.007938	-0.004599	-0.004553	-0.010800	0.084632	0.000309	0.000253	0.000028	0.000038	0.000196
207	-0.005263	-0.007938	5.295990	0.009030	0.002130	0.001500	0.003209	-0.000012	-0.000001	-0.000006	-0.000014	-0.000059
208	-0.005236	-0.004599	0.009030	5.283440	0.008881	0.002795	0.001513	0.000013	0.000099	0.000007	0.000037	0.000065
209	-0.006681	-0.004553	0.002130	0.008881	5.289760	0.009080	0.002278	0.000011	0.000064	0.000011	0.000024	0.000080
210	0.089585	-0.010800	0.001500	0.002795	0.009080	5.278460	0.009538	0.000018	0.000125	-0.000006	0.000016	0.000113
211	0.085298	0.084632	0.003209	0.001513	0.002278	0.009538	5.289000	-0.000028	-0.000012	-0.000018	-0.000015	0.000037
212	0.000048	0.000309	-0.000012	0.000013	0.000011	0.000018	-0.000028	5.548240	0.205642	0.056758	1.193650	0.087074
213	0.000179	0.000253	-0.000001	0.000099	0.000064	0.000125	-0.000012	0.205642	5.766840	0.205753	0.080506	1.212940
214	0.000042	0.000028	-0.000006	0.000007	0.000011	-0.000006	-0.000018	0.056758	0.205753	5.775690	0.217312	0.084653
215	0.000064	0.000038	-0.000014	0.000037	0.000024	0.000016	-0.000015	1.193650	0.080506	0.217312	5.775690	0.208277
216	0.000256	0.000196	-0.000059	0.000065	0.000080	0.000113	0.000037	0.087074	1.212940	0.084653	0.208277	5.761840
217	0.000264	0.000274	-0.000006	0.000015	0.000028	0.000050	0.000082	0.242687	0.088110	1.194200	0.060092	0.199229
218	-0.000049	0.000027	0.000031	-0.000018	-0.000031	-0.000053	-0.000006	0.082311	0.082005	-0.006714	-0.001693	-0.005403
219	0.000045	0.000037	-0.000009	0.000067	0.000046	0.000019	-0.000047	-0.010876	0.089434	0.090315	-0.006571	-0.004785
220	0.000080	0.000035	-0.000021	0.000054	0.000048	0.000062	-0.000022	-0.004916	-0.006734	0.089841	0.089522	-0.006742
221	0.000112	0.000118	-0.000027	0.000033	0.000050	0.000093	0.000043	-0.004389	-0.005466	-0.007161	0.091481	0.089880
222	0.000027	0.000166	-0.000016	-0.000047	-0.000023	0.000018	0.000064	-0.007820	-0.005074	-0.001250	-0.006066	0.086662
223	0.000028	-0.000093	0.000010	0.000057	0.000008	0.000050	-0.000036	0.000441	0.000135	0.000084	0.000037	0.000249
224	0.000275	0.000290	-0.000029	0.000069	0.000068	0.000103	0.000019	0.000171	0.000216	0.000119	-0.000015	0.000215
225	0.000233	0.000043	-0.000005	0.000004	0.000019	0.000016	0.000029	0.000096	0.000169	0.000009	0.000011	0.000046
226	-0.000202	-0.000060	-0.000007	0.000012	0.000003	0.000011	-0.000026	-0.000003	0.000005	0.000066	0.000028	-0.000012
227	-0.000076	0.000118	-0.000027	0.000091	0.000065	0.000103	-0.000052	0.000161	0.000226	0.000101	-0.000040	0.000278
228	0.000336	0.000086	0.000005	0.000046	0.000029	0.000047	0.000025	0.000309	0.000059	-0.000026	0.000022	0.000195
229	0.000013	-0.000036	-0.000005	-0.000020	-0.000021	0.000008	0.000009	0.000108	0.000027	0.000007	0.000003	-0.000004
230	0.000106	0.000060	-0.000017	0.000028	0.000038	0.000066	0.000020	0.000063	0.000094	0.000057	0.000013	0.000139
231	0.000081	0.000025	-0.000012	0.000042	0.000035	0.000035	-0.000005	0.000033	0.000070	0.000029	0.000011	0.000089
232	0.000079	0.000051	0.000008	0.000054	0.000037	0.000035	-0.000008	0.000043	0.000081	0.000046	-0.000016	0.000096

233	0.000005	-0.000026	0.000011	0.000005	-0.000018	-0.000011	0.000000	0.000032	-0.000021	0.000005	-0.000033	-0.000055
234	0.000657	0.000235	-0.000038	0.000209	0.000136	0.000204	-0.000105	0.000303	0.001403	0.000235	-0.000615	-0.000110
235	0.000438	0.000292	0.000002	0.000159	0.000131	0.000169	0.000014	0.000305	-0.000711	-0.000254	0.000722	0.000980
236	-0.000406	-0.000132	0.000057	-0.000146	-0.000113	-0.000151	0.000023	-0.000199	-0.000540	-0.000059	0.000136	-0.000170
237	-0.000325	-0.000040	0.000004	-0.000085	-0.000042	-0.000077	0.000007	-0.000132	-0.000431	-0.000056	0.000169	-0.000047
238	0.000048	0.000019	0.000000	-0.000008	-0.000004	0.000011	0.000032	0.000020	0.000156	0.000010	-0.000083	-0.000060
239	-0.000062	-0.000041	0.000013	-0.000029	-0.000025	-0.000032	0.000020	0.000001	0.000096	-0.000008	-0.000083	-0.000109
240	0.000141	0.000042	-0.000041	0.000067	0.000054	0.000066	-0.000025	0.000102	0.000057	-0.000022	0.000049	0.000159
241	0.000133	0.000047	-0.000047	0.000066	0.000053	0.000071	-0.000025	0.000134	0.000060	-0.000038	0.000050	0.000181
242	-0.000094	0.000011	0.000008	-0.000027	-0.000014	-0.000020	0.000006	-0.000111	-0.000142	0.000041	0.000043	-0.000031
243	-0.000044	0.000053	0.000001	0.000011	0.000001	0.000003	-0.000013	-0.000066	-0.000084	0.000032	0.000029	0.000028
244	-0.000173	-0.000192	0.000010	-0.000069	-0.000054	-0.000091	0.000020	-0.000174	0.000153	0.000089	-0.000232	-0.000359
245	-0.000309	-0.000294	0.000031	-0.000147	-0.000123	-0.000152	0.000047	-0.000184	-0.000016	0.000030	-0.000185	-0.000462
246	0.146279	0.554076	-0.049672	-0.003625	-0.004945	0.008530	-0.080603	0.000263	0.000473	0.000113	0.000046	0.000339
247	0.135885	0.238871	-0.079520	0.008656	-0.005439	-0.003259	-0.050797	0.000278	0.000516	-0.000150	0.000169	0.000296
248	-0.573066	0.138813	0.121692	-0.054629	-0.001088	-0.005497	0.013558	-0.000128	-0.000356	-0.000006	-0.000101	-0.000270
249	-0.537292	0.133078	0.110951	-0.064930	0.010381	-0.005466	0.003002	-0.000046	-0.000214	0.000006	-0.000074	-0.000082
250	-0.538782	-0.551566	-0.062782	0.118685	-0.056796	0.000174	-0.004662	-0.000040	0.000031	-0.000003	0.000032	-0.000030
251	-0.574606	-0.514619	-0.053287	0.118366	-0.066469	0.012067	-0.004929	-0.000089	-0.000066	-0.000001	0.000007	-0.000089
252	0.149438	-0.516181	0.008065	-0.066593	0.118782	-0.057183	-0.002733	0.000051	0.000113	-0.000007	0.000021	0.000105
253	0.150956	-0.552358	-0.002612	-0.056838	0.119206	-0.066849	0.008264	0.000043	0.000124	0.000004	0.000034	0.000127
254	0.285957	0.145557	-0.004681	0.011908	-0.066262	0.120153	-0.054569	-0.000005	-0.000051	-0.000003	-0.000014	-0.000038
255	0.515771	0.146138	-0.004439	0.000203	-0.056672	0.118348	-0.063930	0.000018	0.000025	-0.000016	-0.000026	0.000011
256	0.533510	0.267133	0.003021	-0.005614	0.010360	-0.065601	0.113582	-0.000182	-0.000231	0.000033	-0.000026	-0.000117
257	0.306101	0.511091	0.013262	-0.005592	-0.001053	-0.055418	0.123804	-0.000166	-0.000365	0.000031	-0.000067	-0.000251
258	0.000474	-0.000020	-0.000119	0.000173	0.000134	0.000143	-0.000008	0.237011	0.137185	-0.564431	-0.582436	0.135255
259	0.000169	0.000738	-0.000011	0.000128	0.000134	0.000291	0.000035	0.559056	0.143901	-0.584228	-0.569033	0.141318
260	-0.000283	-0.000202	0.000044	-0.000150	-0.000121	-0.000149	0.000007	0.513800	0.305634	0.154328	-0.533904	-0.570920
261	-0.000102	-0.000066	0.000041	-0.000075	-0.000068	-0.000080	0.000024	0.262921	0.533005	0.156584	-0.567993	-0.534876
262	-0.000056	-0.000006	0.000017	0.000017	-0.000010	-0.000021	-0.000030	0.145238	0.517500	0.298774	0.151387	-0.538153
263	-0.000076	-0.000075	0.000018	0.000004	-0.000003	-0.000054	-0.000039	0.144326	0.287231	0.527189	0.153962	-0.574198
264	0.000110	0.000020	-0.000032	0.000064	0.000057	0.000084	-0.000024	-0.550843	0.150480	0.517669	0.288860	0.149218
265	0.000118	0.000019	-0.000031	0.000058	0.000054	0.000081	-0.000016	-0.514478	0.148807	0.289660	0.517539	0.150547
266	-0.000047	0.000010	0.000001	-0.000028	-0.000015	-0.000018	0.000028	-0.515245	-0.574561	0.153994	0.525901	0.288382
267	0.000041	0.000063	-0.000009	-0.000011	-0.000003	0.000032	0.000063	-0.552041	-0.538835	0.151032	0.297994	0.518789
268	-0.000115	-0.000215	0.000025	-0.000062	-0.000047	-0.000107	-0.000018	0.132410	-0.537386	-0.567987	0.159518	0.531598
269	-0.000234	-0.000269	0.000055	-0.000117	-0.000111	-0.000200	-0.000023	0.137838	-0.572875	-0.532510	0.158230	0.303005
270	-0.000520	0.000048	-0.000072	0.000180	0.000123	0.000185	-0.000149	0.000208	0.000160	0.000086	0.000037	0.000622
271	0.001105	0.000657	0.000011	0.000146	0.000134	0.000174	0.000122	0.000421	0.000322	0.000205	-0.000201	0.000430
272	0.000086	-0.000274	0.000056	-0.000123	-0.000110	-0.000159	0.000041	-0.000135	-0.000202	-0.000137	0.000045	-0.000407
273	0.000148	-0.000178	0.000016	-0.000076	-0.000053	-0.000085	0.000026	-0.000111	-0.000042	-0.000099	0.000062	-0.000243
274	-0.000139	-0.000010	-0.000011	-0.000004	-0.000001	0.000015	-0.000012	0.000028	0.000001	0.000036	-0.000001	0.000050
275	-0.000217	-0.000015	-0.000006	-0.000017	-0.000011	-0.000005	-0.000006	-0.000049	-0.000053	0.000020	0.000021	-0.000063
276	-0.000001	0.000196	-0.000027	0.000049	0.000050	0.000057	-0.000006	0.000006	0.000113	0.000057	-0.000031	0.000143
277	0.000000	0.000163	-0.000022	0.000049	0.000045	0.000057	-0.000010	0.000003	0.000091	0.000046	-0.000039	0.000124
278	0.000200	-0.000084	0.000026	-0.000017	-0.000011	-0.000033	0.000022	-0.000050	-0.000031	-0.000022	0.000004	-0.000093
279	0.000253	-0.000075	0.000017	0.000007	0.000004	-0.000008	0.000015	-0.000023	0.000015	-0.000029	-0.000014	-0.000008
280	-0.000369	-0.000203	-0.000002	-0.000067	-0.000060	-0.000066	-0.000027	-0.000142	-0.000070	-0.000034	0.000037	-0.000228
281	-0.000546	-0.000225	0.000013	-0.000126	-0.000109	-0.000132	-0.000017	-0.000155	-0.000300	-0.000132	0.000080	-0.000327
282	-0.000486	-0.000341	-0.000072	0.000058	-0.000015	0.000001	-0.000165	-0.000024	0.000031	0.000098	0.000138	0.000123

283	-0.000085	-0.000004	-0.000011	0.000053	0.000009	0.000018	-0.000060	0.000009	0.000028	0.000037	0.000020	0.000076
284	0.000011	0.000029	0.000002	-0.000028	-0.000005	-0.000004	0.000023	0.000052	-0.000019	-0.000039	0.000011	0.000034
285	-0.000028	-0.000022	-0.000003	-0.000029	-0.000006	-0.000001	0.000022	0.000013	-0.000006	-0.000008	0.000000	0.000008
286	-0.000027	-0.000018	-0.000005	-0.000039	-0.000014	-0.000017	0.000030	-0.000048	0.000008	0.000018	-0.000035	-0.000068
287	0.000011	-0.000003	-0.000016	-0.000028	0.000008	0.000005	0.000023	-0.000010	0.000054	-0.000022	-0.000034	-0.000030
288	-0.001217	-0.001393	-0.001438	0.000354	-0.000006	0.000439	0.000916	0.000404	0.000232	-0.000067	-0.000196	-0.000043
289	-0.004333	-0.003452	-0.000351	0.000052	0.000016	0.000205	-0.001456	0.000043	0.000075	0.000003	-0.000056	-0.000143
290	0.000380	0.000346	0.000031	-0.000320	-0.000080	-0.000573	-0.000138	0.000021	0.000046	0.000004	0.000039	0.000110
291	0.000076	0.000992	0.000381	-0.000351	0.000166	0.000134	-0.000232	0.000005	0.000042	0.000018	0.000034	0.000075
292	0.004094	0.004458	0.000490	-0.000084	0.000479	0.000007	0.000168	0.000004	0.000005	0.000016	0.000040	0.000077
293	0.007158	0.001710	-0.000673	-0.000119	-0.000021	0.000030	-0.000470	0.000009	0.000082	0.000030	0.000053	0.000094
294	0.000103	0.000259	0.000068	-0.000028	0.000022	0.000018	0.000057	-0.001616	-0.001303	-0.001208	-0.002284	-0.000028
295	0.000139	0.000184	0.000015	-0.000013	-0.000009	0.000024	0.000056	-0.001692	-0.006635	-0.003008	0.000573	0.006248
296	-0.000092	-0.000116	0.000000	-0.000012	-0.000017	-0.000036	-0.000024	0.004259	0.003596	-0.000695	-0.000585	-0.001222
297	-0.000044	-0.000084	-0.000004	-0.000013	-0.000016	-0.000024	-0.000005	0.000834	0.000736	0.001425	0.000510	-0.001019
298	-0.000066	-0.000056	-0.000020	-0.000012	-0.000007	-0.000011	0.000003	0.000663	0.000856	0.000559	0.000801	-0.003512
299	-0.000073	-0.000138	-0.000020	-0.000033	-0.000028	-0.000015	0.000017	0.004445	0.005072	-0.001893	-0.003399	-0.003283
300	0.000024	0.000002	0.000019	0.000044	0.000008	0.000080	0.000019	-0.000174	-0.000085	0.000165	-0.000018	-0.000073
301	-0.000068	0.000014	-0.000002	-0.000001	-0.000008	0.000010	0.000007	-0.000094	-0.000167	0.000002	0.000048	-0.000056
302	-0.000021	-0.000021	-0.000002	-0.000013	0.000000	-0.000019	-0.000002	0.000034	0.000074	-0.000012	0.000018	0.000026
303	-0.000001	-0.000005	-0.000008	-0.000002	0.000001	-0.000009	-0.000003	0.000062	0.000049	0.000010	0.000039	0.000082
304	0.000000	0.000034	0.000001	-0.000001	0.000004	-0.000004	0.000003	0.000125	0.000099	0.000042	0.000017	0.000092
305	-0.000030	-0.000011	-0.000004	-0.000020	-0.000006	-0.000033	-0.000005	0.000175	0.000055	-0.000053	0.000097	0.000116
306	-0.000463	0.000217	-0.000051	0.000027	0.000008	0.000043	-0.000065	0.000073	-0.000119	-0.000124	0.000091	0.000186
307	-0.000237	-0.000165	-0.000057	0.000027	0.000012	0.000018	-0.000068	-0.000053	0.000039	0.000107	0.000006	0.000047
308	-0.000050	-0.000042	0.000003	-0.000002	-0.000005	-0.000003	-0.000022	0.000065	-0.000005	-0.000030	0.000071	0.000073
309	0.000008	0.000037	0.000010	-0.000002	-0.000017	-0.000009	0.000009	-0.000012	-0.000028	-0.000008	-0.000022	-0.000031
310	0.000018	-0.000019	-0.000002	0.000000	0.000013	0.000003	0.000010	-0.000020	-0.000002	0.000009	0.000005	-0.000016
311	0.000059	0.000036	0.000002	-0.000002	0.000009	0.000010	0.000002	0.000059	0.000002	-0.000016	-0.000002	0.000052
312	0.000197	0.000150	0.000044	-0.000020	-0.000011	-0.000018	0.000068	-0.000037	-0.000009	-0.000063	-0.000055	-0.000123
313	0.013125	-0.030707	0.005378	-0.000180	0.000452	0.000856	0.004004	0.000271	0.000388	0.000089	-0.000131	-0.000113
314	-0.003865	-0.001187	-0.000982	0.000963	0.000002	0.000151	0.000330	0.000229	0.000089	-0.000026	-0.000061	0.000022
315	-0.001311	0.002753	0.000393	-0.000823	-0.000078	0.000071	-0.000422	0.000035	0.000090	0.000010	-0.000022	-0.000004
316	-0.000659	0.003554	-0.000168	0.000085	-0.000070	0.000226	0.000273	-0.000027	-0.000052	-0.000013	-0.000005	-0.000007
317	0.001010	0.000646	0.000321	0.000283	-0.000199	-0.000298	0.000117	0.000002	-0.000023	-0.000013	0.000012	0.000029
318	-0.002394	-0.001917	-0.000054	-0.000333	0.000161	-0.000243	0.000911	-0.000005	-0.000007	0.000015	0.000009	0.000007
319	0.004667	0.002360	0.000569	-0.000277	0.000148	0.000230	-0.001264	-0.000233	-0.000096	0.000025	0.000067	-0.000046
320	0.000140	-0.000018	-0.000044	-0.000101	-0.000067	0.000031	0.000140	0.032562	-0.013766	0.001028	0.003296	-0.009046
321	0.000086	0.000050	0.000014	-0.000019	0.000009	0.000006	0.000002	-0.002100	-0.004903	0.002388	-0.003125	0.001091
322	0.000000	0.000011	0.000017	-0.000014	-0.000014	-0.000012	0.000009	0.001324	0.002631	-0.003452	-0.000079	0.002685
323	-0.000024	0.000039	0.000006	0.000018	0.000013	0.000007	0.000012	-0.000955	-0.001494	0.000417	-0.001572	0.001340
324	-0.000015	-0.000032	-0.000011	-0.000001	0.000004	-0.000010	-0.000036	-0.002666	0.001078	0.001584	0.002256	-0.001820
325	0.000026	-0.000085	0.000008	0.000006	-0.000004	-0.000001	-0.000018	-0.001633	0.001657	0.003805	-0.002559	0.003993
326	-0.000074	0.000017	-0.000034	0.000009	-0.000009	0.000010	0.000031	0.002251	0.003666	-0.002917	0.000118	-0.004740
327	-0.000099	0.000152	-0.000028	0.000012	0.000023	0.000029	0.000010	-0.000056	-0.000569	-0.000033	0.000348	0.000307
328	0.000005	0.000017	-0.000010	0.000025	0.000006	0.000044	-0.000006	-0.000020	-0.000030	0.000119	0.000014	0.000018
329	-0.000017	-0.000036	0.000004	-0.000005	-0.000004	-0.000003	0.000009	-0.000057	0.000006	-0.000014	0.000020	-0.000024
330	0.000005	0.000034	0.000001	0.000001	0.000005	0.000000	0.000003	-0.000020	-0.000001	0.000015	-0.000040	-0.000028
331	0.000039	-0.000017	0.000007	0.000012	0.000001	0.000013	-0.000007	0.000029	0.000011	0.000002	-0.000008	0.000041
332	-0.000028	-0.000030	-0.000020	-0.000015	-0.000003	-0.000017	-0.000005	-0.000061	0.000023	-0.000025	-0.000008	-0.000074

333	-0.000002	0.000034	0.000017	-0.000018	-0.000006	-0.000037	0.000007	0.000129	-0.000009	-0.000100	0.000021	0.000065
	217	218	219	220	221	222	223	224	225	226	227	228
1	0.000356	0.000176	-0.000339	0.000012	-0.000104	0.000353	0.000170	-0.000593	0.000102	0.000262	-0.000738	0.000162
2	-0.001476	0.000552	0.001729	-0.000211	0.000000	-0.001724	-0.000477	0.001597	0.000120	-0.001099	0.001751	0.001363
3	-0.000116	0.000169	0.000346	0.000154	0.000302	-0.000202	-0.013881	0.009470	-0.007189	0.004219	-0.003703	0.008113
4	0.000053	0.000118	0.000304	0.000222	0.000372	0.000429	-0.000891	0.001115	-0.000196	-0.000530	0.001305	0.000115
5	0.008742	0.001041	0.000474	0.000047	0.000718	-0.000036	-0.000680	0.002097	-0.000780	0.000200	0.001495	-0.000564
6	-0.012844	0.000696	0.000369	0.000191	0.000199	0.002357	0.008971	-0.005929	0.005602	-0.005826	0.007012	-0.012650
7	0.001220	-0.000119	-0.000007	0.000055	0.000189	0.000167	0.000163	0.000360	-0.000103	0.000171	0.000089	-0.000009
8	0.002675	0.000273	0.000407	0.000102	0.000418	0.000103	-0.008233	0.018819	-0.013261	0.007463	-0.004912	0.030856
9	-0.000898	-0.000229	-0.000050	0.000112	-0.000022	-0.000250	-0.005414	-0.003779	0.000983	-0.001226	-0.001491	-0.012125
10	-0.000666	-0.000208	0.000078	0.000118	0.000101	-0.000252	0.002732	0.000600	0.001203	-0.001266	0.002456	0.002248
11	0.002257	0.000209	0.000338	0.000123	0.000473	0.000684	-0.001251	0.000357	-0.001093	0.000856	-0.000525	-0.000925
12	-0.012801	0.000239	-0.000598	-0.000160	-0.000439	0.000626	-0.000251	-0.000643	0.000731	-0.000736	0.000207	-0.000840
13	0.031596	0.000100	0.001557	0.000407	0.001668	-0.002373	0.001841	0.002988	-0.001201	0.001065	0.001079	0.002335
14	-0.008422	-0.001010	0.001100	0.000473	0.001159	0.001833	-0.011567	-0.002304	-0.000960	0.000032	-0.003726	-0.005320
15	-0.004649	0.000473	-0.000430	-0.000137	-0.000616	0.000193	0.030020	-0.006630	0.008905	-0.010114	0.015270	-0.006638
16	0.000786	0.000285	-0.000069	-0.000084	-0.000057	0.000068	-0.003351	0.006057	-0.008090	0.003922	-0.009828	0.022969
17	-0.000212	-0.000384	0.000185	0.000274	0.000186	-0.000187	0.004115	0.002817	0.000415	-0.001559	0.004290	0.001066
18	0.000917	0.000261	0.000001	-0.000085	-0.000030	0.000131	0.006148	-0.006644	0.003862	-0.002381	0.000784	-0.009414
19	0.001052	0.000105	-0.000029	-0.000090	-0.000028	0.000341	0.000406	0.000690	-0.000624	0.000658	-0.000783	0.001084
20	-0.000486	-0.000215	0.000248	0.000266	0.000269	-0.000361	0.000030	-0.000240	0.000518	-0.000355	0.000770	-0.000502
21	0.000974	-0.000023	-0.000054	-0.000067	0.000016	0.000215	0.000946	0.000417	-0.000259	0.000286	-0.000148	0.001099
22	-0.010403	0.000156	0.000099	0.000327	-0.000144	-0.000968	0.001243	-0.000315	0.000345	-0.000310	0.000494	0.000789
23	0.001417	0.000409	0.000883	0.000202	0.001166	0.002178	-0.000063	0.000667	-0.000316	0.000590	-0.000209	-0.000074
24	0.020623	-0.000814	-0.000627	-0.000750	-0.000744	-0.000437	0.001031	-0.000670	0.000890	-0.000746	0.000448	0.000736
25	-0.002140	0.001022	-0.000774	-0.000788	-0.000641	-0.000589	-0.007044	0.000271	-0.002912	0.002455	-0.006591	0.004822
26	0.004559	0.001737	0.001054	0.000226	0.000863	0.000826	0.001789	0.003863	-0.001181	0.000118	0.002496	0.004721
27	0.004565	-0.000797	-0.000167	0.000332	0.000050	0.000155	0.017893	-0.010354	0.005441	-0.006291	0.005870	-0.002510
28	0.000639	-0.000308	-0.000064	0.000063	-0.000054	-0.000016	0.004312	0.002616	0.000366	-0.000547	0.003449	0.004545
29	0.000403	-0.000033	0.000102	0.000055	0.000062	-0.000159	-0.002932	-0.002536	-0.000191	0.000492	-0.003019	-0.003824
30	-0.003823	-0.000511	-0.000635	-0.000065	-0.000558	-0.001129	0.001048	-0.001684	0.001725	-0.001532	0.001556	0.000122
31	0.004645	0.000314	0.000894	0.000255	0.000986	0.001009	0.000955	0.001308	-0.001324	0.001705	-0.001746	0.000899
32	-0.014698	0.003809	-0.000127	-0.000492	-0.000131	0.002974	-0.003250	-0.003048	0.000478	-0.000129	-0.002827	-0.003228
33	-0.037879	0.003847	-0.000489	-0.000458	-0.000126	0.004533	0.006255	0.002135	0.000113	-0.000109	0.002012	0.004791
34	0.004550	0.000996	0.000786	0.000274	0.000729	0.000709	-0.019824	-0.006233	0.001913	-0.011788	0.011530	-0.038677
35	-0.003251	-0.000888	-0.000762	-0.000061	-0.000697	-0.000548	-0.040248	0.013395	-0.015319	0.001124	-0.005834	-0.016615
36	0.000057	0.000015	0.000030	0.000037	0.000010	-0.000009	0.006252	-0.004375	0.003276	-0.003798	0.002158	-0.001176
37	-0.000001	-0.000014	0.000039	0.000031	0.000011	-0.000019	0.000217	0.000321	0.000030	0.000008	0.000373	0.000186
38	-0.000016	-0.000037	0.000049	0.000040	0.000024	-0.000022	-0.000017	0.000100	0.000008	-0.000032	0.000081	0.000072
39	0.000027	-0.000010	0.000016	0.000037	0.000060	0.000006	-0.000013	0.000078	0.000005	-0.000001	0.000011	0.000039
40	0.000124	-0.000025	0.000062	0.000053	0.000138	0.000005	0.000013	0.000043	0.000051	-0.000014	0.000021	0.000018
41	-0.003132	0.000169	-0.000063	-0.000161	-0.000082	0.002144	0.000007	0.000095	0.000030	-0.000003	0.000030	0.000026
42	0.005796	0.001933	-0.000092	-0.000153	-0.000054	0.000350	0.000136	0.000400	0.000039	0.000057	0.000290	0.000251
43	0.000226	0.000042	0.000117	0.000058	0.000077	0.000040	-0.001548	0.002437	-0.003418	0.002620	-0.003352	0.005615
44	0.000228	0.000024	0.000074	0.000047	0.000069	-0.000004	0.000145	0.000175	-0.000099	0.000151	-0.000070	0.000435
45	0.000357	0.000052	0.000038	0.000032	0.000069	0.000081	0.000520	0.000074	-0.000122	0.000115	0.000425	0.000086
46	0.272293	-0.002820	0.003738	0.000477	0.003864	-0.001174	0.000336	-0.000093	0.000151	-0.000048	0.000231	0.000206

47	0.000373	0.000032	0.000007	0.000001	-0.000007	-0.000054	0.282959	-0.003836	-0.016392	-0.015473	-0.005360	0.278637
48	-0.000303	0.000200	-0.000034	0.000026	-0.000268	0.000406	0.000059	-0.000199	0.000102	-0.000084	-0.000433	0.000188
49	0.000153	-0.000125	-0.000002	0.000034	0.000305	0.000092	0.000039	0.000149	-0.000427	-0.000115	0.000148	-0.000272
50	-0.000459	0.000090	0.000176	0.000203	0.000173	-0.000083	-0.000365	0.000271	-0.000374	-0.000171	0.000433	-0.000432
51	0.000338	-0.000082	0.000152	0.000157	0.000168	0.000082	0.000912	0.000700	-0.000516	0.000108	0.000607	0.000098
52	-0.000321	0.000153	-0.000205	-0.000185	-0.000402	-0.000158	-0.000244	-0.000957	-0.000114	-0.000090	-0.000998	-0.000298
53	-0.000681	0.000020	0.000036	0.000084	0.000101	0.000283	0.000028	0.000083	-0.000023	-0.000037	0.000039	0.000018
54	0.000043	-0.000029	0.000014	-0.000002	0.000036	0.000013	0.000010	0.000063	-0.000041	-0.000011	0.000034	-0.000028
55	0.000073	0.000011	-0.000167	-0.000200	-0.000137	0.000116	0.000063	-0.000528	-0.000413	-0.000066	-0.000375	-0.000231
56	-0.000048	-0.000007	0.000027	0.000039	0.000034	0.000001	0.000019	0.000071	-0.000194	0.000111	0.000173	-0.000245
57	-0.000022	0.000005	0.000001	0.000000	-0.000014	-0.000019	0.000063	0.000125	0.000000	0.000011	0.000050	0.000000
58	0.000011	-0.000017	0.000024	0.000048	0.000043	-0.000035	0.000091	0.000235	-0.000035	0.000012	0.000163	0.000006
59	-0.000003	-0.000012	0.000046	0.000058	0.000050	-0.000038	-0.000058	0.000063	0.000111	0.000017	0.000052	0.000082
60	0.000359	-0.001129	0.000011	0.000132	0.000038	0.000091	-0.000011	0.000116	-0.000049	0.000027	-0.000039	0.000142
61	0.001744	0.000766	-0.000110	-0.000169	0.000023	-0.000384	-0.001853	-0.000457	0.000494	0.000046	0.000767	-0.000920
62	-0.002617	0.000385	0.000299	0.000146	0.000089	0.000317	0.001474	0.001051	-0.000247	-0.000224	0.000606	0.000952
63	-0.001956	-0.001604	0.000133	0.000357	-0.000031	0.000181	0.000615	0.001012	-0.000442	-0.000079	0.000838	-0.001513
64	0.000105	-0.000615	-0.000120	0.000033	0.000033	0.000080	-0.001151	-0.000629	0.000343	-0.000076	0.000552	0.000799
65	0.000549	0.000765	-0.000069	-0.000172	-0.000228	0.000116	0.000019	-0.000445	0.000955	-0.000433	-0.001461	0.002623
66	-0.001861	0.000159	0.000159	0.000219	-0.000173	0.000623	0.000541	-0.000493	-0.000089	0.000833	-0.000005	-0.000882
67	-0.000556	0.000121	0.000047	-0.000020	0.000233	0.000132	0.001067	-0.000107	-0.001023	0.000416	-0.000077	-0.000392
68	0.004285	0.000114	-0.000334	-0.000405	0.000053	-0.000989	-0.000631	-0.000012	0.000087	-0.000525	-0.001183	-0.000725
69	0.001288	-0.000455	-0.000090	0.000051	-0.000096	-0.000400	0.001376	0.000851	-0.000433	0.000892	-0.000747	0.003196
70	0.003374	-0.000553	0.000090	0.000049	0.000134	-0.000530	0.002309	-0.000959	0.000779	0.000352	-0.000858	0.001473
71	-0.005749	0.001508	0.000006	-0.000196	-0.000031	0.001318	0.003693	-0.001037	0.001332	-0.000098	0.000142	0.001846
72	0.001308	-0.000394	-0.000024	0.000061	-0.000016	-0.000400	-0.007285	0.001049	-0.001685	-0.001120	0.001215	-0.006456
73	0.000243	0.000288	0.000011	-0.000156	-0.000003	-0.000015	-0.023436	0.004882	-0.007418	0.003843	-0.008530	0.000390
74	0.000507	-0.000090	0.000065	0.000067	0.000096	-0.000019	-0.001728	0.006933	-0.003667	0.003315	-0.000250	0.010989
75	0.000642	-0.000019	0.000066	0.000047	0.000082	-0.000016	0.001045	0.001986	-0.001416	0.001037	-0.000902	0.003408
76	-0.000789	0.000207	-0.000086	-0.000098	-0.000107	0.000085	0.005560	-0.008456	0.005084	-0.003758	0.002323	-0.012353
77	-0.001127	0.000269	-0.000109	-0.000099	-0.000116	0.000241	-0.000341	0.000625	-0.000280	-0.000306	0.000274	0.000749
78	0.000653	-0.000034	0.000097	0.000037	0.000115	0.000042	0.000647	0.000211	0.000016	0.000183	0.000123	0.000414
79	0.000489	-0.000074	0.000125	0.000066	0.000115	-0.000067	0.000851	0.000162	0.000132	0.000033	0.000350	0.000594
80	0.000602	0.000145	-0.000130	-0.000106	-0.000037	0.000443	-0.001226	-0.000406	-0.000200	-0.000370	0.000208	-0.001272
81	-0.013303	0.000254	-0.000317	0.000044	-0.000519	0.000250	-0.001464	0.000237	-0.000602	-0.000004	-0.000227	-0.001049
82	0.003425	-0.000053	0.000418	0.000210	0.000283	-0.000508	0.000938	0.000221	0.000135	0.000068	0.000169	0.000731
83	0.011489	-0.000375	0.000405	0.000090	0.000557	-0.000302	0.000707	0.000086	0.000275	-0.000066	0.000144	0.000614
84	0.001366	0.000395	-0.000972	-0.000336	-0.000795	-0.002590	-0.000604	0.001111	-0.000552	0.000052	0.000852	-0.000167
85	-0.022267	-0.001499	-0.001070	-0.000269	-0.001146	0.001138	-0.010749	0.002029	-0.004382	0.003399	-0.007349	0.003599
86	-0.001154	-0.000417	0.000425	0.000075	0.000332	-0.000063	0.003945	-0.001191	0.001131	-0.001177	0.001440	0.001225
87	0.000951	-0.000340	0.000249	0.000185	0.000312	0.000149	0.009435	-0.000284	0.003821	-0.002408	0.006387	-0.000860
88	0.003823	0.000018	-0.000344	0.000065	-0.000244	-0.000154	0.000079	-0.009275	0.004447	-0.005861	0.002813	-0.022281
89	-0.000005	-0.000149	-0.000080	0.000025	-0.000074	-0.000148	-0.000985	-0.000734	0.000135	-0.000050	-0.000533	-0.001580
90	-0.001466	-0.000121	-0.000003	0.000126	-0.000008	-0.000544	0.000177	-0.000416	0.000122	0.000110	-0.000392	0.000000
91	-0.007943	-0.003577	-0.002974	-0.000900	-0.003127	-0.004701	-0.000729	-0.000777	0.000097	-0.000049	-0.000898	-0.000993
92	-0.001101	-0.000388	-0.000050	0.000147	-0.000022	0.000024	-0.009432	-0.012735	0.003761	0.004182	-0.012742	-0.008657
93	-0.000219	0.000052	-0.000021	-0.000027	-0.000039	0.000008	0.002650	-0.002957	0.002299	-0.002472	0.001715	0.000998
94	-0.000287	0.000039	-0.000044	-0.000041	-0.000057	0.000011	-0.000922	-0.003974	0.001367	-0.000839	-0.001470	-0.011986
95	-0.000307	0.000012	-0.000040	-0.000028	-0.000043	0.000009	-0.000372	-0.000822	0.000726	-0.000410	0.000750	-0.001692
96	-0.000320	0.000007	-0.000027	-0.000018	-0.000040	0.000003	-0.000625	-0.001158	0.000700	-0.000592	0.000118	-0.001680

97	-0.000317	0.000016	-0.000054	-0.000016	-0.000065	-0.000015	-0.000318	-0.000077	0.000012	-0.000089	-0.000032	-0.000173
98	-0.000334	0.000018	-0.000043	-0.000020	-0.000050	-0.000029	-0.000325	-0.000136	-0.000027	-0.000093	-0.000095	-0.000236
99	-0.000283	0.000048	-0.000064	-0.000042	-0.000068	0.000023	-0.000429	-0.000088	-0.000076	-0.000028	-0.000178	-0.000292
100	-0.000201	0.000023	-0.000061	-0.000023	-0.000047	0.000042	-0.000420	-0.000073	-0.000061	-0.000007	-0.000171	-0.000300
101	-0.001761	0.000046	-0.000240	-0.000130	-0.000227	0.000210	-0.000470	-0.000120	-0.000070	-0.000033	-0.000091	-0.000374
102	-0.001666	0.000017	-0.000176	-0.000075	-0.000063	0.000266	-0.000477	-0.000096	-0.000062	-0.000032	-0.000084	-0.000347
103	-0.012381	0.000493	0.000002	0.000280	0.000114	-0.000133	-0.000346	-0.000114	-0.000170	0.000054	-0.000053	-0.000357
104	0.000889	-0.000114	-0.000407	-0.000370	-0.000671	0.000424	-0.000363	0.000029	-0.000105	0.000012	-0.000088	-0.000257
105	0.003134	0.000577	-0.000561	-0.000370	-0.000404	-0.000278	-0.001966	0.000281	-0.000663	0.000534	-0.000915	-0.000717
106	-0.001981	-0.000172	0.000135	0.000295	0.000073	0.000349	-0.001964	0.000912	-0.000479	0.000639	-0.000539	-0.000511
107	-0.000421	0.000181	-0.000053	-0.000063	-0.000128	-0.000078	-0.011085	-0.001301	-0.001466	0.000679	-0.003892	-0.002064
108	-0.000543	0.000169	-0.000195	-0.000121	-0.000187	-0.000081	0.001641	0.001559	-0.002333	0.001717	-0.002476	0.002927
109	-0.000059	0.000074	-0.000075	-0.000022	-0.000031	0.000064	0.000141	0.000458	-0.000293	0.000092	0.000615	0.000637
110	0.000068	0.000075	0.000156	-0.000003	0.000104	0.000083	0.000864	0.000266	0.000171	-0.000045	-0.000092	0.000948
111	0.000753	0.000077	-0.000081	-0.000087	-0.000048	0.000355	-0.000546	0.000278	-0.000319	0.000084	0.000309	-0.000041
112	0.000690	0.000034	0.000086	-0.000035	0.000054	0.000179	0.000363	0.000144	0.000191	-0.000189	0.000091	0.000047
113	0.012868	0.002799	0.002575	0.000355	0.001208	0.000176	0.000218	0.000577	-0.000084	0.000054	0.000591	0.000521
114	-0.004969	0.000799	0.000412	0.000543	0.001917	0.004493	0.000537	0.000188	-0.000011	-0.000015	0.000297	0.000475
115	0.000448	0.000319	0.000087	-0.000027	0.000036	0.000095	0.011667	-0.006437	0.010342	-0.012652	0.015426	-0.001539
116	0.000651	0.000065	-0.000038	-0.000117	-0.000017	-0.000120	-0.002173	0.019445	-0.014419	0.008790	-0.002801	0.010007
117	0.001711	-0.000080	-0.000071	-0.000079	0.000336	0.000165	-0.000519	0.000195	-0.000431	-0.000072	0.000297	-0.000789
118	-0.000269	0.000168	0.000061	0.000104	0.000061	0.000185	-0.000456	0.000023	-0.000067	-0.000133	0.000077	-0.000273
119	-0.000408	-0.000056	0.000102	0.000104	0.000284	-0.000158	-0.000226	0.000126	-0.000168	-0.000070	0.000362	-0.000346
120	-0.000357	0.000114	-0.000023	0.000002	-0.000080	-0.000027	-0.000151	-0.000291	-0.000028	-0.000031	-0.000245	-0.000165
121	0.000179	-0.000096	0.000004	-0.000001	0.000098	0.000008	0.000082	0.000164	0.000015	0.000012	0.000125	0.000081
122	0.000182	-0.000018	0.000019	-0.000001	-0.000017	0.000018	0.000071	0.000130	0.000012	0.000018	0.000120	0.000084
123	-0.000142	0.000091	-0.000025	-0.000030	-0.000134	0.000056	-0.000179	-0.000218	0.000092	-0.000041	-0.000203	-0.000093
124	0.000089	-0.000068	-0.000003	0.000005	0.000095	-0.000012	-0.000109	0.000100	-0.000041	-0.000067	0.000053	-0.000002
125	0.000047	-0.000022	0.000029	0.000025	0.000038	-0.000043	0.000283	0.000113	-0.000047	0.000110	0.000151	0.000096
126	-0.000142	0.000042	0.000140	0.000117	0.000117	-0.000098	0.000099	0.000241	-0.000268	0.000103	0.000514	-0.000308
127	-0.000270	0.000073	0.000074	0.000075	0.000013	-0.000147	-0.000215	0.000040	-0.000113	-0.000127	0.000077	-0.000239
128	-0.000045	0.000035	0.000001	-0.000006	-0.000024	0.000007	-0.000028	-0.000069	-0.000033	0.000020	-0.000045	-0.000062
129	0.000039	-0.000023	0.000012	0.000011	0.000035	0.000003	0.000028	0.000124	-0.000101	-0.000048	0.000053	-0.000008
130	0.000037	-0.000025	0.000004	0.000021	0.000025	-0.000015	0.000019	0.000112	0.000051	0.000007	0.000068	0.000052
131	-0.000008	0.000012	0.000002	-0.000004	-0.000016	-0.000002	0.000115	0.000147	-0.000019	0.000020	0.000049	-0.000006
132	-0.000008	0.000008	-0.000002	-0.000007	-0.000016	-0.000001	-0.000093	-0.000181	0.000011	-0.000012	-0.000028	-0.000022
133	-0.000016	-0.000007	-0.000018	-0.000015	-0.000005	0.000008	-0.000040	-0.000136	0.000091	0.000013	-0.000098	0.000044
134	0.000073	-0.000067	0.000099	0.000041	0.000045	0.000088	0.001576	-0.000432	0.000784	0.001201	-0.002064	0.000418
135	0.000363	0.000118	0.000005	-0.000039	0.000075	0.000017	-0.003909	-0.002263	0.004394	-0.000623	0.001370	-0.000157
136	0.000394	0.000053	-0.000019	-0.000035	0.000020	0.000054	0.000410	0.001026	-0.000743	0.001662	-0.001934	0.000144
137	0.000546	-0.000017	-0.000020	0.000002	-0.000033	-0.000153	0.001703	0.000192	0.000387	0.001233	-0.001216	0.001254
138	0.000445	-0.000080	-0.000003	0.000018	-0.000049	-0.000162	0.002913	-0.000800	0.001337	-0.000146	-0.000489	-0.000875
139	0.000572	-0.000075	-0.000018	0.000022	-0.000004	0.000067	-0.000062	-0.000366	0.000314	0.000271	-0.000390	-0.000390
140	0.000407	-0.000077	0.000009	0.000032	-0.000037	-0.000184	0.000894	-0.000401	0.000391	0.000173	-0.000669	0.000507
141	0.000240	0.000045	-0.000032	-0.000001	-0.000043	-0.000131	0.000428	-0.000281	0.000120	0.000075	-0.000466	0.000596
142	-0.000284	0.000135	0.000011	-0.000037	0.000037	0.000134	-0.000078	-0.000083	0.000239	0.000050	-0.000030	-0.000086
143	0.000029	0.000245	-0.000023	-0.000078	0.000069	0.000064	-0.000351	-0.000068	0.000229	-0.000058	0.000004	-0.000379
144	0.000221	0.000767	-0.000161	-0.000365	0.000086	-0.000709	0.000978	-0.000496	-0.000147	-0.000443	-0.000034	-0.000080
145	0.002324	0.000436	-0.000111	-0.000213	0.000393	0.000075	0.000170	-0.000278	-0.000055	-0.000132	0.000350	-0.000532
146	0.000112	-0.000254	-0.000043	-0.000152	0.000210	0.000847	0.000265	-0.000141	-0.000071	-0.000091	0.000177	-0.000253

147	0.000469	-0.000735	-0.000120	-0.000053	0.000024	0.001504	0.000217	-0.000133	-0.000045	0.000038	-0.000414	-0.000002
148	0.001850	-0.000737	0.000229	-0.000099	-0.000272	-0.000933	0.001336	-0.000384	0.000016	-0.000534	-0.000438	-0.000204
149	-0.000951	0.000811	0.000008	-0.000200	0.000145	-0.000357	0.002385	0.000457	-0.001856	-0.000621	-0.001818	0.001737
150	-0.003529	0.000329	0.000270	-0.000239	-0.000267	0.000519	0.003477	-0.001042	0.000058	-0.001198	-0.000663	-0.000321
151	-0.000027	-0.001149	-0.000107	0.000057	0.000121	0.000833	0.001439	0.000191	-0.001098	-0.000468	-0.001320	-0.000255
152	0.000662	-0.000541	-0.000092	-0.000039	0.000167	0.000562	0.000570	0.001448	-0.001178	0.000638	-0.000977	-0.000167
153	0.000818	0.000199	-0.000085	-0.000035	0.000283	0.000096	0.001091	-0.002760	0.001249	-0.004540	0.001706	0.005260
154	0.000218	-0.000019	0.000025	0.000001	-0.000004	-0.000073	0.001037	-0.000491	0.000650	-0.000131	-0.000487	0.000226
155	0.000632	0.000275	-0.000039	-0.000116	0.000087	0.000254	0.000184	-0.000202	0.000180	-0.000162	-0.000214	-0.000174
156	-0.002648	0.001340	0.000844	-0.000157	-0.000119	-0.001938	0.001607	-0.000744	0.000105	-0.000595	-0.000618	0.000216
157	0.000032	0.000119	0.000047	-0.000086	0.000123	0.000021	-0.002226	-0.009340	0.010603	-0.010610	0.003661	0.006162
158	-0.000205	0.000010	0.000033	0.000050	-0.000007	-0.000111	0.000315	0.000018	-0.000013	0.000075	-0.000019	-0.000034
159	-0.001001	0.000144	0.000031	0.000106	-0.000062	0.000176	-0.000774	-0.000864	0.000485	0.000328	0.000124	0.000070
160	-0.000734	0.000105	0.000011	0.000074	-0.000062	0.000162	-0.000756	-0.000796	0.000529	0.000319	0.000112	0.000100
161	0.000258	-0.000020	-0.000031	-0.000026	-0.000012	-0.000057	0.000120	-0.000192	0.000103	-0.000066	-0.000053	0.000065
162	-0.000026	-0.000247	0.000003	-0.000016	-0.000009	-0.000039	0.000052	-0.000024	0.000037	-0.000079	0.000026	0.000024
163	0.001307	-0.000052	-0.000139	-0.000168	-0.000027	-0.000223	-0.001013	-0.000641	0.000393	-0.000107	-0.000035	0.000216
164	0.000548	0.000099	-0.000024	-0.000059	0.000021	0.000028	-0.005971	-0.000278	-0.001189	-0.000690	0.000060	0.000287
165	0.000030	0.000006	-0.000007	0.000002	-0.000005	-0.000036	0.001496	-0.000221	0.001155	0.000832	-0.000541	-0.000015
166	-0.000778	0.000035	0.000026	0.000000	0.000072	0.000228	-0.001020	-0.000676	0.001073	-0.001132	0.001824	-0.0001920
167	0.000302	0.000075	-0.000023	0.000011	-0.000070	-0.000180	0.000614	-0.000390	0.000336	0.000094	-0.000816	0.000948
168	-0.000076	-0.000017	0.000018	0.000007	0.000014	0.000043	0.000077	0.000001	0.000044	0.000046	0.000060	-0.000084
169	0.000286	-0.000285	0.000003	0.000068	-0.000044	-0.000177	0.000237	0.000107	-0.000368	-0.000014	0.000116	0.000024
170	0.001537	-0.000325	-0.000068	0.000069	-0.000114	-0.000740	-0.000046	0.000105	0.000120	0.000128	-0.000296	0.001080
171	-0.000299	0.000157	0.000029	0.000206	-0.000213	-0.001245	-0.000264	0.000039	-0.000043	0.000292	-0.000091	0.000210
172	0.002000	-0.000202	-0.000223	-0.000168	0.000575	0.002137	-0.000667	0.000274	0.000111	0.000163	0.000495	0.000307
173	-0.005777	0.002117	0.000513	-0.000208	-0.000225	-0.000392	0.001352	0.000118	-0.001075	0.000591	-0.001847	0.001197
174	0.001662	-0.001109	-0.000121	0.000012	0.000033	0.000489	-0.000678	-0.000459	0.000799	0.000822	0.000506	0.001556
175	0.000855	-0.000385	-0.000075	0.000114	-0.000154	-0.000107	0.001687	0.001622	-0.001269	-0.000320	-0.000629	-0.006527
176	0.000085	-0.000067	-0.000041	0.000032	-0.000147	-0.000419	0.001427	-0.000918	0.001137	-0.000365	-0.000600	0.002107
177	-0.001088	0.000227	0.000138	-0.000025	0.000187	0.000514	-0.000715	0.000407	0.000775	0.000262	0.000194	-0.001406
178	-0.001604	-0.000016	0.000195	0.000028	0.000152	0.000543	-0.001139	0.000641	-0.000107	0.000217	0.001096	-0.001470
179	0.000829	-0.000435	-0.000111	0.000147	-0.000290	-0.000025	0.000610	-0.000497	0.000060	0.000035	-0.001015	0.000404
180	0.018279	-0.000726	-0.001320	0.000211	0.000742	-0.000052	-0.001165	0.000290	0.000135	0.000773	-0.000874	0.001072
181	-0.017934	0.001008	0.001360	-0.000405	-0.000602	-0.000172	-0.001954	0.000906	-0.000622	0.001790	-0.000092	0.001282
182	0.002003	0.000336	-0.000120	-0.000090	0.000125	0.000047	0.013432	0.002205	-0.002759	0.000749	0.002101	-0.020548
183	0.000702	-0.000089	-0.000073	0.000005	-0.000082	-0.000581	-0.012180	-0.001541	-0.000770	-0.003584	-0.001797	0.019852
184	-0.000323	0.000041	-0.000023	0.000018	-0.000073	0.000184	-0.000664	-0.000711	0.000464	0.000366	0.000185	0.000130
185	-0.001349	0.000190	0.000038	0.000132	-0.000040	0.000331	-0.001084	-0.000920	0.000413	0.000329	0.000268	-0.000001
186	0.000052	-0.000002	0.000034	0.000007	0.000016	-0.000030	0.000136	0.000266	-0.000096	-0.000004	0.000035	-0.000032
187	0.001059	-0.000181	-0.000054	-0.000102	0.000025	-0.000356	0.001149	0.000730	-0.000427	-0.000292	-0.000336	-0.000028
188	0.000610	-0.000055	0.000004	-0.000057	0.000077	-0.000141	0.000507	0.000668	-0.000377	-0.000408	-0.000150	-0.000080
189	0.000004	0.000009	0.000009	0.000009	0.000002	-0.000001	-0.000031	-0.000041	-0.000062	-0.000049	-0.000011	-0.000028
190	-0.000051	-0.000009	0.000047	0.000041	0.000018	-0.000037	0.000228	0.000130	-0.000083	0.000105	0.000166	0.000354
191	-0.000166	0.000000	0.000121	0.000079	0.000099	0.000000	0.000065	0.000438	0.000116	0.000049	0.000118	0.000247
192	0.000086	-0.000014	0.000001	0.000012	0.000019	0.000024	-0.000043	-0.000026	0.000073	0.000008	0.000006	-0.000032
193	0.000027	-0.000032	-0.000001	0.000025	-0.000003	-0.000034	0.000118	0.000113	-0.000019	0.000072	0.000119	0.000133
194	0.000098	-0.000006	0.000068	0.000077	0.000054	-0.000061	0.000114	0.000225	-0.000005	0.000040	0.000222	0.000298
195	0.000389	0.000001	0.000065	0.000045	0.000067	0.000039	0.000448	0.000044	-0.000118	0.000213	0.000405	0.000146
196	0.000007	-0.000006	-0.000008	-0.000006	-0.000013	0.000010	-0.000030	0.000025	-0.000018	-0.000004	-0.000081	0.000016

197	0.000042	-0.000020	0.000025	0.000039	0.000044	-0.000003	0.000027	0.000109	0.000008	0.000039	0.000071	0.000061
198	0.000028	-0.000004	0.000041	0.000050	0.000046	-0.000015	0.000039	0.000099	0.000034	0.000047	0.000078	0.000046
199	0.000058	-0.000010	0.000056	0.000039	0.000039	-0.000017	0.000042	0.000130	-0.000010	0.000021	0.000100	0.000050
200	0.000020	0.000002	0.000015	-0.000012	-0.000025	0.000005	0.000038	-0.000014	-0.000045	0.000011	0.000034	0.000088
201	0.000368	0.000034	0.000033	0.000022	0.000043	0.000029	0.000403	-0.000108	-0.000102	0.000102	0.000210	-0.000006
202	0.000086	-0.000002	0.000121	0.000094	0.000137	0.000006	0.000016	0.000282	-0.000052	0.000042	0.000253	0.000059
203	-0.000113	-0.000029	0.000002	0.000023	0.000003	-0.000012	-0.000052	0.000009	-0.000009	0.000007	0.000149	-0.000060
204	0.000137	-0.000012	0.000025	0.000040	0.000042	0.000019	0.000120	-0.000054	-0.000036	0.000083	-0.000040	0.000008
205	0.000264	-0.000049	0.000045	0.000080	0.000112	0.000027	0.000028	0.000275	0.000233	-0.000202	-0.000076	0.000336
206	0.000274	0.000027	0.000037	0.000035	0.000118	0.000166	-0.000093	0.000290	0.000043	-0.000060	0.000118	0.000086
207	-0.000006	0.000031	-0.000009	-0.000021	-0.000027	-0.000016	0.000010	-0.000029	-0.000005	-0.000007	-0.000027	0.000005
208	0.000015	-0.000018	0.000067	0.000054	0.000033	-0.000047	0.000057	0.000069	0.000004	0.000012	0.000091	0.000046
209	0.000028	-0.000031	0.000046	0.000048	0.000050	-0.000023	0.000008	0.000068	0.000019	0.000003	0.000065	0.000029
210	0.000050	-0.000053	0.000019	0.000062	0.000093	0.000018	0.000050	0.000103	0.000016	0.000011	0.000103	0.000047
211	0.000082	-0.000006	-0.000047	-0.000022	0.000043	0.000064	-0.000036	0.000019	0.000029	-0.000026	-0.000052	0.000025
212	0.242687	0.082311	-0.010876	-0.004916	-0.004389	-0.007820	0.000441	0.000171	0.000096	-0.000003	0.000161	0.000309
213	0.088110	0.082005	0.089434	-0.006734	-0.005466	-0.005074	0.000135	0.000216	0.000169	0.000005	0.000226	0.000059
214	1.194200	-0.006714	0.090315	0.089841	-0.007161	-0.001250	0.000084	0.000119	0.000009	0.000066	0.000101	-0.000026
215	0.060092	-0.001693	-0.006571	0.089522	0.091481	-0.006066	0.000037	-0.000015	0.000011	0.000028	-0.000040	0.000022
216	0.199229	-0.005403	-0.004785	-0.006742	0.089880	0.086662	0.000249	0.000215	0.000046	-0.000012	0.000278	0.000195
217	5.544900	-0.007965	-0.004751	-0.004734	-0.010274	0.084160	0.000299	0.000024	-0.000014	0.000089	0.000272	0.000016
218	-0.007965	5.304260	0.008866	0.001956	0.001435	0.003139	0.000109	-0.000001	0.000016	0.000009	0.000000	0.000078
219	-0.004751	0.008866	5.284120	0.008953	0.002764	0.001537	0.000050	0.000101	0.000059	0.000001	0.000114	0.000056
220	-0.004734	0.001956	0.008953	5.289810	0.008992	0.002374	0.000023	0.000081	0.000032	0.000019	0.000083	0.000015
221	-0.010274	0.001435	0.002764	0.008992	5.278970	0.009641	0.000005	0.000050	0.000014	-0.000012	0.000081	-0.000001
222	0.084160	0.003139	0.001537	0.002374	0.009641	5.285570	0.000016	-0.000049	-0.000007	-0.000014	-0.000036	-0.000063
223	0.000299	0.000109	0.000050	0.000023	0.000005	0.000016	5.545570	0.197762	0.058198	1.191370	0.090982	0.243424
224	0.000024	-0.000001	0.000101	0.000081	0.000050	-0.000049	0.197762	5.759600	0.207925	0.085591	1.214690	0.090689
225	-0.000014	0.000016	0.000059	0.000032	0.000014	-0.000007	0.058198	0.207925	5.774490	0.216873	0.081959	1.194110
226	0.000089	0.000009	0.000001	0.000019	-0.000012	-0.000014	1.191370	0.085591	0.216873	5.771610	0.207664	0.058605
227	0.000272	0.000000	0.000114	0.000083	0.000081	-0.000036	0.090982	1.214690	0.081959	0.207664	5.759040	0.202500
228	0.000016	0.000078	0.000056	0.000015	-0.000001	-0.000063	0.243424	0.090689	1.194110	0.058605	0.202500	5.534020
229	0.000076	0.000024	-0.000040	-0.000017	-0.000024	0.000022	0.083894	0.085429	-0.006201	-0.001188	-0.005054	-0.007700
230	0.000060	-0.000028	0.000046	0.000062	0.000070	0.000006	-0.010208	0.089616	0.091500	-0.007360	-0.005384	-0.004347
231	0.000029	-0.000005	0.000059	0.000051	0.000044	-0.000014	-0.004435	-0.006288	0.089580	0.089430	-0.007103	-0.005103
232	0.000031	-0.000007	0.000070	0.000050	0.000020	-0.000043	-0.004725	-0.004897	-0.006680	0.090590	0.089596	-0.010589
233	-0.000035	0.000028	-0.000005	-0.000025	-0.000050	-0.000014	-0.008172	-0.005226	-0.001220	-0.006331	0.083657	0.081127
234	0.000501	-0.000056	0.000118	0.000152	0.000121	-0.000135	0.000676	0.000304	-0.000324	0.000127	0.000572	0.000512
235	-0.000148	0.000037	0.000230	0.000124	0.000222	0.000088	0.000007	0.000600	0.000113	0.000194	0.000148	0.000216
236	-0.000202	0.000036	-0.000110	-0.000109	-0.000119	0.000050	-0.000236	-0.000359	0.000081	-0.000098	-0.000285	-0.000357
237	-0.000179	0.000018	-0.000047	-0.000060	-0.000060	0.000036	-0.000242	-0.000113	0.000181	-0.000151	-0.000213	-0.000145
238	0.000036	-0.000015	-0.000009	-0.000003	-0.000001	-0.000011	0.000006	0.000011	-0.000053	0.000035	-0.000025	0.000060
239	-0.000009	-0.000019	-0.000043	-0.000019	-0.000036	-0.000016	-0.000029	-0.000071	-0.000040	-0.000005	-0.000059	0.000019
240	-0.000007	-0.000006	0.000054	0.000048	0.000055	-0.000010	0.000068	0.000142	0.000005	0.000025	0.000102	0.000048
241	-0.000018	-0.000006	0.000054	0.000053	0.000057	-0.000018	0.000048	0.000171	0.000021	0.000031	0.000112	0.000048
242	0.000009	0.000005	-0.000014	-0.000016	-0.000003	0.000022	-0.000093	-0.000042	0.000065	-0.000040	-0.000098	-0.000072
243	0.000045	0.000013	0.000015	-0.000003	0.000005	0.000016	-0.000076	0.000042	0.000038	-0.000054	-0.000042	-0.000021
244	0.000047	-0.000010	-0.000096	-0.000057	-0.000094	-0.000016	-0.000079	-0.000235	-0.000022	-0.000025	-0.000061	-0.000146
245	-0.000075	0.000003	-0.000151	-0.000109	-0.000148	-0.000005	-0.000053	-0.000451	-0.000066	-0.000036	-0.000150	-0.000162
246	0.000711	-0.000083	0.000142	0.000126	0.000160	0.000039	0.000481	0.000346	0.000281	-0.000221	-0.000176	0.000596

247	0.000043	-0.000002	0.000187	0.000139	0.000254	0.000016	-0.000037	0.000545	-0.000158	0.000161	0.000858	-0.000053
248	-0.000337	0.000047	-0.000133	-0.000118	-0.000149	0.000005	-0.000196	-0.000298	-0.000114	0.000064	-0.000093	-0.000293
249	-0.000258	0.000030	-0.000065	-0.000054	-0.000066	0.000019	-0.000096	-0.000219	-0.000151	0.000113	0.000054	-0.000289
250	0.000091	0.000017	0.000016	0.000004	-0.000014	-0.000025	0.000089	-0.000047	0.000007	0.000002	-0.000053	0.000040
251	0.000003	-0.000001	-0.000018	-0.000015	-0.000056	-0.000045	0.000056	-0.000103	0.000005	0.000005	-0.000106	0.000023
252	0.000013	-0.000028	0.000058	0.000045	0.000059	-0.000021	-0.000019	0.000155	0.000048	-0.000040	0.000048	0.000099
253	0.000024	-0.000036	0.000063	0.000058	0.000070	-0.000030	0.000000	0.000154	0.000052	-0.000030	0.000060	0.000100
254	-0.000092	-0.000008	-0.000025	-0.000005	-0.000007	0.000028	-0.000038	-0.000021	-0.000040	0.000055	0.000075	-0.000098
255	-0.000050	-0.000018	-0.000014	0.000002	0.000025	0.000030	0.000000	0.000024	-0.000052	0.000042	0.000138	-0.000065
256	-0.000093	0.000025	-0.000077	-0.000056	-0.000097	-0.000032	-0.000098	-0.000200	0.000089	-0.000076	-0.000344	0.000017
257	-0.000055	0.000059	-0.000135	-0.000124	-0.000179	0.000014	-0.000140	-0.000335	0.000035	-0.000075	-0.000458	-0.000077
258	0.549122	-0.048590	-0.002854	-0.005348	0.009147	-0.083312	0.000457	0.000181	-0.000055	0.000003	0.000557	0.000634
259	0.239457	-0.078096	0.008008	-0.004986	-0.004099	-0.051044	0.000263	0.000367	0.000388	-0.000127	0.000471	-0.000095
260	0.139178	0.120743	-0.054909	-0.000986	-0.005730	0.014196	-0.000225	-0.000205	-0.000096	0.000044	-0.000382	-0.000227
261	0.133496	0.108455	-0.065235	0.010470	-0.005692	0.003228	-0.000208	-0.000054	-0.000059	0.000054	-0.000222	-0.000187
262	-0.548888	-0.061853	0.117674	-0.056796	0.000345	-0.004623	0.000037	-0.000010	0.000018	-0.000036	0.000006	0.000075
263	-0.511913	-0.052429	0.119068	-0.066437	0.012221	-0.004852	-0.000019	-0.000057	-0.000006	0.000002	-0.000083	0.000021
264	-0.517262	0.007743	-0.066138	0.118924	-0.057410	-0.002750	0.000046	0.000124	0.000063	-0.000001	0.000157	0.000037
265	-0.553525	-0.002671	-0.056552	0.118971	-0.067232	0.008460	0.000047	0.000097	0.000039	-0.000012	0.000143	0.000051
266	0.145484	-0.004746	0.011689	-0.066244	0.119064	-0.055014	-0.000096	-0.000052	-0.000021	0.000009	-0.000070	-0.000094
267	0.146475	-0.004476	0.000000	-0.056642	0.119388	-0.064495	-0.000072	0.000013	-0.000011	-0.000015	-0.000005	-0.000059
268	0.268165	0.003045	-0.005358	0.010262	-0.065121	0.116065	-0.000088	-0.000105	-0.000091	0.000029	-0.000235	-0.000017
269	0.510105	0.012861	-0.005390	-0.001181	-0.054877	0.124134	-0.000141	-0.000300	-0.000168	0.000049	-0.000338	-0.000138
270	0.000794	-0.000029	0.000123	0.000131	0.000202	-0.000024	0.235468	0.144996	-0.567972	-0.581973	0.139643	0.547070
271	-0.000271	-0.000017	0.000236	0.000123	0.000124	-0.000074	0.557608	0.131968	-0.584250	-0.567681	0.139576	0.243540
272	-0.000291	0.000051	-0.000123	-0.000115	-0.000160	0.000000	0.514551	0.301981	0.158578	-0.532461	-0.572944	0.138847
273	-0.000243	0.000031	-0.000060	-0.000052	-0.000077	0.000008	0.265244	0.529671	0.160652	-0.566672	-0.537110	0.133169
274	0.000114	-0.000002	-0.000018	-0.000002	0.000013	0.000052	0.144675	0.519188	0.297201	0.150269	-0.537307	-0.550285
275	0.000055	-0.000002	-0.000041	-0.000009	-0.000010	0.000029	0.143290	0.289500	0.525396	0.153775	-0.572561	-0.513510
276	0.000032	-0.000048	0.000076	0.000060	0.000067	-0.000029	-0.552802	0.149248	0.516312	0.288244	0.150725	-0.512749
277	0.000047	-0.000048	0.000061	0.000049	0.000062	-0.000025	-0.516442	0.148306	0.288410	0.516584	0.151866	-0.549314
278	-0.000106	0.000007	-0.000011	-0.000013	-0.000027	-0.000014	-0.510522	-0.574301	0.154841	0.527537	0.283540	0.144856
279	-0.000059	0.000017	0.000020	0.000000	-0.000004	-0.000020	-0.547319	-0.538163	0.152196	0.299155	0.514048	0.145830
280	0.000038	0.000016	-0.000096	-0.000053	-0.000061	0.000044	0.130182	-0.533169	-0.567646	0.157741	0.534252	0.263080
281	-0.000109	0.000024	-0.000166	-0.000118	-0.000130	0.000054	0.136123	-0.569062	-0.533602	0.155462	0.306126	0.509323
282	0.000034	-0.000013	0.000080	0.000020	0.000026	-0.000049	0.000419	-0.000058	0.000130	-0.000141	-0.000205	0.000258
283	0.000035	-0.000004	0.000031	0.000013	0.000022	-0.000008	0.000000	-0.000004	0.000052	-0.000026	-0.000178	-0.000019
284	0.000003	0.000001	-0.000005	0.000001	0.000000	0.000008	0.000032	0.000083	0.000004	0.000019	0.000095	0.000078
285	-0.000004	0.000001	-0.000003	0.000000	0.000001	-0.000004	0.000024	0.000047	0.000008	0.000021	0.000063	0.000039
286	0.000011	0.000003	-0.000023	-0.000005	-0.000008	0.000006	0.000008	0.000029	0.000000	0.000019	0.000072	-0.000003
287	0.000052	-0.000004	-0.000015	0.000002	0.000007	0.000012	-0.000021	0.000127	0.000015	0.000039	0.000099	0.000078
288	0.000194	0.000020	-0.000048	-0.000012	-0.000051	0.000051	-0.000223	-0.000045	-0.000113	0.000021	-0.000103	0.000067
289	-0.000026	0.000029	-0.000002	0.000008	-0.000044	-0.000023	-0.000022	0.000003	-0.000010	-0.000023	0.000008	0.000030
290	0.000042	-0.000022	0.000014	0.000016	0.000045	0.000016	0.000040	0.000050	0.000018	0.000000	0.000029	0.000029
291	0.000040	0.000000	0.000013	0.000016	0.000029	0.000008	0.000025	-0.000010	-0.000006	0.000023	0.000031	-0.000009
292	0.000014	0.000004	0.000015	0.000015	0.000015	-0.000013	0.000003	0.000002	0.000014	0.000015	0.000009	-0.000030
293	0.000057	0.000014	0.000039	0.000021	0.000017	-0.000019	0.000071	0.000075	0.000018	0.000012	0.000035	0.000013
294	0.004915	0.000915	0.000380	-0.000020	0.000110	-0.001481	-0.000125	0.000202	-0.000019	0.000014	0.000108	0.000033
295	0.006637	0.000385	-0.000010	-0.000013	-0.000099	0.000675	-0.000127	-0.000061	-0.000022	0.000002	-0.000033	-0.000034
296	-0.002115	0.000119	0.000005	0.000430	0.000197	0.000498	0.000029	0.000048	-0.000003	0.000020	0.000019	0.000011

297	-0.002449	-0.000263	0.000055	0.000148	-0.000306	0.000432	0.000061	0.000031	0.000006	0.000035	0.000073	0.000020
298	-0.004215	-0.000300	-0.000723	-0.000161	-0.000215	-0.000041	0.000121	0.000052	0.000051	0.000016	0.000071	0.000070
299	-0.000512	0.000714	-0.000325	0.000023	-0.000130	0.000294	0.000124	0.000018	-0.000010	0.000046	0.000067	0.000088
300	0.000036	-0.000108	-0.000031	-0.000030	-0.000004	-0.000085	-0.002820	0.002057	-0.003022	-0.002071	0.001129	0.003879
301	-0.000059	-0.000031	-0.000058	-0.000023	-0.000003	0.000012	-0.000309	-0.006232	-0.005605	-0.000387	0.006586	0.006794
302	0.000028	0.000024	0.000030	0.000012	0.000004	0.000006	0.005637	0.003717	-0.001231	-0.001110	-0.001073	-0.001464
303	0.000020	0.000020	0.000033	0.000016	0.000011	0.000001	0.002094	0.000440	0.000500	0.000774	-0.001200	-0.001173
304	0.000068	0.000025	0.000035	0.000023	0.000021	0.000015	0.000299	-0.000042	0.001383	0.001032	-0.002124	-0.004125
305	0.000071	0.000042	0.000011	0.000004	0.000016	0.000053	0.005848	0.002616	-0.002682	-0.001494	-0.001431	-0.001416
306	-0.000031	-0.000010	-0.000029	-0.000018	0.000006	0.000008	0.000010	0.000240	0.000300	-0.000142	-0.000233	0.000360
307	0.000007	-0.000010	0.000046	0.000015	0.000018	-0.000038	0.000163	-0.000011	0.000071	-0.000076	-0.000092	0.000102
308	0.000016	0.000004	0.000023	0.000008	0.000013	0.000014	0.000063	0.000027	0.000016	0.000011	-0.000008	0.000064
309	-0.000012	0.000000	-0.000023	-0.000010	-0.000017	-0.000010	0.000007	-0.000034	-0.000005	-0.000013	-0.000002	-0.000013
310	-0.000027	-0.000004	0.000006	0.000000	0.000002	-0.000003	-0.000011	-0.000004	-0.000018	-0.000002	0.000025	-0.000029
311	0.000006	0.000005	0.000012	0.000006	0.000004	0.000011	-0.000030	0.000010	-0.000005	0.000011	0.000019	0.000032
312	0.000008	0.000004	-0.000062	-0.000020	-0.000020	0.000027	-0.000190	0.000013	-0.000057	0.000068	0.000055	-0.000155
313	0.000227	0.000090	0.000036	0.000014	-0.000123	-0.000078	-0.000240	0.000305	0.000187	-0.000268	-0.000299	0.000247
314	0.000088	0.000034	-0.000018	-0.000015	-0.000033	0.000049	-0.000064	-0.000142	-0.000076	0.000016	-0.000009	-0.000022
315	0.000066	0.000003	0.000008	0.000012	0.000014	0.000011	-0.000013	0.000076	0.000004	0.000000	0.000005	0.000054
316	-0.000056	-0.000025	-0.000016	0.000004	0.000000	-0.000025	-0.000023	0.000005	0.000018	-0.000003	-0.000018	-0.000004
317	0.000018	0.000000	0.000000	-0.000017	0.000009	0.000033	0.000000	-0.000062	-0.000038	0.000010	-0.000006	-0.000034
318	0.000005	0.000007	0.000002	-0.000003	0.000000	0.000013	0.000050	0.000021	0.000035	-0.000016	0.000031	0.000032
319	-0.000124	-0.000019	0.000024	0.000019	0.000010	-0.000080	0.000047	0.000103	0.000056	-0.000005	0.000000	-0.000028
320	0.043346	-0.004366	-0.000884	-0.000429	-0.000672	-0.006281	-0.000200	-0.000249	0.000049	0.000042	0.000276	0.000043
321	0.002372	0.000740	-0.000337	-0.000227	0.000184	-0.000454	0.000086	0.000032	-0.000018	0.000069	0.000154	0.000003
322	0.000979	-0.000486	0.000201	-0.000069	0.000177	0.000155	-0.000078	0.000048	-0.000035	-0.000001	-0.000009	-0.000008
323	0.000962	-0.000031	0.000379	0.000231	-0.000244	-0.000380	-0.000034	0.000018	0.000041	-0.000029	-0.000043	0.000007
324	-0.001139	-0.000275	-0.000189	0.000008	0.000234	0.000154	0.000046	-0.000009	0.000002	0.000003	0.000029	-0.000012
325	-0.001802	0.000328	-0.000016	0.000065	0.000535	-0.000417	0.000004	-0.000042	-0.000065	0.000028	-0.000010	-0.000046
326	0.000633	-0.000259	-0.000125	0.000039	-0.000845	0.000895	-0.000024	-0.000048	0.000075	-0.000071	-0.000121	0.000054
327	-0.000173	0.000043	-0.000073	-0.000007	0.000056	0.000121	0.041313	-0.013531	0.000629	0.000522	-0.011598	0.043037
328	0.000050	-0.000008	-0.000011	-0.000021	0.000005	-0.000026	-0.001395	-0.002064	0.001899	-0.003014	0.001936	0.003590
329	-0.000009	-0.000030	-0.000001	0.000002	0.000008	-0.000002	0.001776	0.002686	-0.005415	-0.001333	0.001627	0.002470
330	-0.000012	-0.000010	0.000004	0.000007	-0.000014	-0.000021	-0.001154	-0.001357	0.001635	-0.002098	0.000449	0.001035
331	-0.000001	0.000027	0.000018	0.000002	0.000006	-0.000006	-0.002383	0.002364	0.001713	0.002601	-0.003296	-0.001014
332	0.000005	-0.000011	-0.000018	-0.000014	-0.000009	0.000012	-0.001720	0.000014	0.003598	-0.002326	0.004522	0.000606
333	-0.000037	0.000033	0.000008	0.000024	0.000003	0.000042	0.000012	0.000165	-0.000492	0.001956	-0.005577	-0.001835

	229	230	231	232	233	234	235	236	237	238	239	240
1	0.000075	-0.000288	-0.000175	-0.000342	0.000055	-0.001565	-0.001532	0.001241	0.000792	-0.000138	0.000151	-0.000505
2	-0.000937	0.000302	0.000622	0.001415	0.000119	0.008105	0.002246	-0.003303	-0.001473	-0.000991	-0.001339	0.001625
3	0.001541	0.000216	0.000201	0.000596	-0.000005	0.021940	-0.022927	-0.002685	-0.002020	0.001404	0.000609	0.000181
4	0.000037	0.000315	0.000151	0.000353	0.000039	-0.018085	0.030599	-0.000313	-0.003766	0.000016	-0.000605	0.001877
5	0.000475	0.000388	0.000208	0.000331	-0.000130	0.003485	0.003469	-0.002686	-0.002725	0.000491	0.000090	0.001096
6	0.000708	0.000769	-0.000018	0.000262	0.002406	0.001996	0.004376	-0.002067	-0.001640	-0.000241	-0.000502	0.001279
7	0.000940	0.000204	-0.000081	0.000005	-0.000068	-0.000640	0.002438	-0.000531	-0.001150	0.000580	0.000315	0.000016
8	0.000767	0.001270	0.000565	0.001417	-0.003042	-0.010936	-0.005597	0.005126	0.003821	0.000122	0.000788	-0.000699
9	0.000068	-0.000610	-0.000170	-0.000413	0.000902	0.048357	-0.015887	-0.014089	-0.011008	0.002085	-0.000142	0.002191
10	0.000378	0.000422	0.000045	0.000372	0.000519	-0.012221	0.066971	-0.007782	-0.012245	-0.002610	-0.003659	0.004300

11	-0.000345	-0.000035	0.000051	-0.000071	-0.000366	-0.006218	-0.014542	0.003908	0.003809	0.001159	0.001416	-0.000803
12	0.000031	0.000121	0.000103	-0.000009	-0.000261	0.005750	0.002413	-0.003016	-0.002784	0.000768	0.000159	0.000496
13	0.000498	0.000440	0.000136	0.000382	0.000168	-0.001940	0.001365	0.000551	0.000468	-0.000302	-0.000277	0.000199
14	0.000314	-0.000394	-0.000171	-0.000602	-0.000009	0.000383	-0.001631	-0.000487	0.000060	0.000292	0.000356	0.000124
15	-0.000616	0.001750	0.000335	0.001392	0.001995	0.002889	0.005027	-0.001813	-0.001754	-0.000230	-0.000713	0.000669
16	-0.000741	-0.000672	-0.000745	-0.000764	-0.000353	-0.012726	0.002051	0.003924	0.002874	0.000171	0.000700	-0.001591
17	0.000451	0.000808	0.000198	0.001107	0.002174	0.008592	0.006324	-0.004484	-0.003990	0.000431	-0.000728	0.001301
18	0.000211	0.000129	0.000330	-0.000226	-0.000468	0.015593	-0.002591	-0.003322	-0.001934	-0.000744	-0.000729	0.000071
19	-0.000041	-0.000094	-0.000111	-0.000060	0.000236	-0.009320	0.033989	-0.000182	-0.008179	-0.001764	-0.000938	0.000612
20	-0.000183	0.000224	0.000249	0.000170	-0.000352	0.007381	0.006964	-0.004011	-0.004744	0.000861	-0.000504	0.001075
21	0.000107	0.000016	-0.000119	-0.000018	0.000344	0.004541	-0.024304	0.005007	0.007148	-0.000929	-0.000571	-0.002227
22	0.000336	0.000011	-0.000105	-0.000032	0.000159	0.000746	-0.000166	0.000149	-0.000375	-0.000078	-0.000081	-0.000161
23	-0.000307	0.000300	0.000284	0.000208	-0.000177	-0.000132	-0.000042	-0.000200	0.000509	0.000023	-0.000093	0.000118
24	0.000202	-0.000034	-0.000077	-0.000028	0.000046	0.000524	0.000858	0.000009	-0.000367	-0.000057	-0.000142	-0.000158
25	-0.001368	-0.000162	0.000296	-0.000005	0.000066	0.000826	0.000764	-0.000238	-0.000380	0.000010	-0.000075	-0.000099
26	0.002097	0.001176	0.000219	0.000888	0.000667	0.000398	-0.000443	-0.000278	0.000097	0.000016	-0.000055	0.000118
27	0.000959	-0.000763	-0.000790	-0.000582	-0.000629	0.000189	0.000643	-0.000104	-0.000086	0.000046	-0.000019	-0.000080
28	0.000310	0.000746	0.000244	0.000825	0.001185	0.009643	-0.016450	-0.004499	-0.007498	0.005945	0.004359	0.004795
29	-0.000544	-0.000656	-0.000088	-0.000710	-0.000973	-0.021995	0.030401	-0.000670	-0.009124	0.000624	0.000971	0.006245
30	-0.000109	0.000025	0.000019	-0.000025	-0.000156	0.005467	0.007548	-0.002278	-0.002660	-0.000063	-0.001043	0.000345
31	-0.000072	0.000120	0.000045	-0.000009	0.000101	-0.007037	-0.008468	0.004297	0.004660	-0.000405	0.000402	-0.001184
32	-0.001101	-0.000624	-0.000021	-0.000645	-0.000437	-0.001529	0.001006	0.000592	0.000840	0.000028	-0.000076	-0.000291
33	0.001061	0.000953	0.000224	0.000807	0.000589	0.000669	-0.001905	0.000302	0.000289	-0.000185	-0.000126	-0.000363
34	0.004307	-0.000284	-0.000485	-0.000121	0.004294	-0.006941	-0.007238	0.004063	0.003608	-0.000009	0.000734	-0.001213
35	0.003515	-0.000275	-0.000397	-0.000360	0.002224	0.009986	0.003701	-0.004594	-0.003783	0.000591	-0.000396	0.000400
36	0.000236	-0.000052	-0.000146	-0.000129	0.002921	0.000304	0.000739	-0.000298	-0.000201	-0.000039	-0.000119	0.000174
37	0.000007	0.000069	0.000050	0.000120	0.000007	-0.004865	0.003226	0.001323	0.001371	-0.000003	0.000088	-0.001549
38	0.000002	0.000016	0.000026	0.000027	-0.000014	0.002807	-0.006187	0.002438	0.000408	0.000199	0.000013	-0.001896
39	-0.000017	0.000045	0.000027	0.000032	-0.000010	0.000588	0.000490	-0.000431	-0.000262	0.000074	-0.000050	0.000154
40	-0.000014	0.000057	0.000041	0.000041	-0.000006	0.000065	0.000209	-0.000090	-0.000036	0.000003	-0.000021	0.000027
41	-0.000006	0.000044	0.000044	0.000031	-0.000020	0.000118	0.000078	-0.000079	-0.000052	0.000002	-0.000013	0.000033
42	0.000004	0.000129	0.000064	0.000085	0.000008	0.000124	0.000104	-0.000088	-0.000042	0.000000	-0.000021	0.000045
43	0.001872	-0.000095	-0.000145	-0.000083	0.000270	0.000251	0.000037	-0.000148	-0.000087	0.000010	-0.000009	0.000054
44	0.000012	0.000015	0.000018	0.000040	0.000014	0.277095	0.266644	-0.130332	-0.101681	-0.016727	-0.025720	-0.000122
45	0.000052	0.000105	0.000036	0.000059	0.000014	0.000394	0.000094	-0.000071	-0.000081	-0.000041	-0.000081	0.000034
46	0.000067	0.000046	0.000030	0.000051	-0.000044	0.000370	0.000710	-0.000272	-0.000209	-0.000025	-0.000106	0.000072
47	-0.003162	0.004024	0.000588	0.003858	-0.002663	0.000222	0.000377	-0.000117	-0.000026	-0.000084	-0.000109	0.000053
48	0.000214	-0.000161	-0.000142	-0.000096	0.000176	-0.001317	0.001071	0.000453	0.000142	0.000032	0.000003	-0.000089
49	-0.000077	0.000125	-0.000049	-0.000014	-0.000223	0.000531	-0.000328	-0.000089	-0.000405	0.000023	0.000079	-0.000050
50	-0.000399	0.000313	0.000089	0.000049	-0.000338	0.001874	-0.002785	-0.000578	0.000973	-0.000373	-0.000353	0.000263
51	0.000384	0.000484	0.000052	0.000081	-0.000325	0.001538	0.002801	-0.001815	-0.001586	0.000687	0.000075	0.000530
52	0.000407	-0.000578	-0.000386	-0.000253	0.000332	-0.002104	-0.001278	0.001247	0.000831	-0.000096	0.000317	-0.000563
53	-0.000021	0.000048	0.000016	0.000001	-0.000045	0.000146	0.000032	-0.000106	-0.000049	0.000021	0.000000	0.000028
54	-0.000011	0.000060	0.000000	0.000000	-0.000042	0.000123	0.000075	-0.000115	-0.000060	0.000038	-0.000002	0.000036
55	0.000065	-0.000278	-0.000282	-0.000167	0.000048	-0.000872	-0.000235	0.000810	-0.000281	-0.000023	0.000283	-0.000420
56	0.000281	0.000097	-0.000010	-0.000006	-0.000112	0.001074	-0.001184	-0.000874	0.000072	0.000215	0.000134	0.000164
57	0.000073	0.000043	0.000004	0.000004	-0.000041	0.000188	0.000226	-0.000206	-0.000205	0.000100	0.000031	0.000032
58	0.000105	0.000129	0.000025	0.000024	-0.000058	0.000024	-0.000030	0.000005	0.000169	-0.000104	-0.000087	0.000067
59	-0.000046	0.000035	0.000076	0.000062	0.000017	0.000239	0.000471	-0.000381	-0.000158	0.000106	-0.000039	0.000123
60	-0.000025	-0.000004	0.000008	0.000022	0.000019	-0.000055	0.000097	-0.000025	0.000016	0.000024	0.000028	-0.000004

61	-0.000933	-0.000202	0.000133	0.000219	-0.000226	-0.000059	0.009214	-0.001286	-0.005824	0.001595	0.000649	0.000348
62	0.000520	0.000326	-0.000025	-0.000034	-0.000324	0.005051	-0.014841	0.000256	0.004949	-0.001214	-0.000374	-0.000667
63	0.000849	0.000337	-0.000119	-0.000048	-0.000330	0.002443	-0.012207	-0.000123	0.006053	-0.001292	-0.000539	-0.000088
64	-0.001151	-0.000261	0.000180	0.000167	-0.000159	0.002769	0.005725	-0.000914	-0.006053	0.001400	0.000657	-0.000122
65	-0.000775	-0.000253	0.000116	0.000086	0.000653	-0.002952	0.015009	0.000430	-0.006531	0.001301	0.000432	0.000139
66	0.001530	-0.000188	-0.000101	-0.000092	0.000396	-0.006173	0.004266	0.000749	0.003492	-0.000786	-0.000740	0.000676
67	0.000917	0.000118	-0.000135	-0.000255	-0.000066	0.000609	-0.012224	0.001018	0.006401	-0.001610	-0.000546	-0.000458
68	-0.000938	0.000126	-0.000048	-0.000040	0.000068	-0.001749	0.004939	-0.000018	-0.002338	0.000580	0.000438	0.000065
69	-0.000632	-0.000007	0.000044	0.000010	-0.000480	-0.000773	0.002308	-0.000963	-0.002412	0.000671	0.000513	0.001523
70	-0.000450	-0.000007	0.000066	-0.000079	-0.000141	-0.000921	0.002537	0.000282	0.000842	-0.000693	-0.000561	-0.000135
71	-0.000275	0.000106	0.000069	0.000037	-0.000353	-0.001474	-0.003187	0.001712	0.002024	-0.000192	-0.000049	-0.001143
72	0.001423	-0.000110	-0.000195	0.000004	0.001069	0.002238	-0.000576	-0.000833	-0.000359	0.000165	0.000059	-0.000207
73	0.000850	-0.000113	-0.000237	-0.000881	-0.002702	-0.016054	0.003689	0.005208	0.003753	-0.000191	0.000511	-0.001785
74	-0.000398	0.000318	0.000091	0.000567	-0.000889	0.005111	0.000876	-0.002256	-0.001871	0.000412	0.000034	0.000349
75	0.000017	0.000360	0.000212	0.000261	-0.000590	0.011842	0.000500	-0.004781	-0.003725	0.000340	-0.000436	0.001374
76	0.000235	-0.000163	0.000021	-0.000520	0.000765	0.012567	-0.034155	0.003050	0.003098	0.000736	0.001660	-0.000679
77	0.000156	-0.000051	-0.000154	0.000005	0.000142	-0.030731	0.023335	0.003231	0.000511	0.000510	0.001289	0.001086
78	-0.000058	0.000102	0.000063	0.000074	-0.000014	-0.000614	0.019691	-0.003954	-0.004256	-0.000664	-0.000921	0.001897
79	-0.000018	0.000093	0.000036	0.000074	0.000076	0.001387	0.005304	-0.001113	-0.000784	-0.000832	-0.000910	0.000474
80	0.000179	-0.000139	-0.000141	-0.000141	0.000094	0.005113	-0.027740	0.004610	0.006005	0.000563	0.000820	-0.002590
81	0.000263	-0.000134	-0.000114	-0.000118	0.000089	0.002294	0.002286	-0.001823	-0.002329	0.000443	0.000344	0.000640
82	0.000071	0.000120	0.000049	0.000077	0.000018	0.000617	-0.000156	-0.000072	0.000053	-0.000039	-0.000122	-0.000059
83	-0.000041	0.000119	0.000070	0.000092	-0.000008	0.000691	0.000163	-0.000147	-0.000048	0.000019	-0.000095	-0.000088
84	0.000362	-0.000084	-0.000133	-0.000026	-0.000070	-0.000646	0.000359	-0.000018	-0.000251	0.000102	0.000135	0.000155
85	-0.000325	-0.000509	0.000059	-0.000326	-0.000227	-0.000037	0.000112	-0.000068	-0.000569	0.000043	0.000111	0.000193
86	-0.000307	0.000328	0.000169	0.000367	0.000121	0.000991	-0.000023	-0.000350	-0.000209	0.000085	-0.000020	-0.000083
87	-0.000073	0.000536	0.000069	0.000427	-0.000040	0.000557	-0.000021	-0.000240	-0.000068	0.000098	0.000004	-0.000076
88	-0.001648	-0.000738	-0.000392	-0.001086	0.001403	0.000019	0.003140	-0.000741	-0.000668	-0.000307	-0.000321	0.000743
89	-0.000080	-0.000028	0.000118	-0.000070	-0.000397	-0.030350	-0.028572	0.017100	0.017711	-0.001496	0.001903	-0.005837
90	-0.000127	-0.000049	0.000023	-0.000080	-0.000114	-0.002034	-0.001801	0.000898	0.001316	-0.000089	0.000018	-0.000266
91	-0.000451	0.000026	0.000120	-0.000030	0.000028	-0.001018	-0.000978	0.000627	0.000707	-0.000075	0.000033	-0.000258
92	-0.003669	-0.003185	-0.000959	-0.003062	-0.004070	-0.000447	-0.003015	0.000683	0.000592	0.000187	0.000301	-0.000314
93	-0.000065	-0.000375	-0.000379	-0.000661	0.000779	-0.002709	-0.000620	0.001269	0.001060	-0.000216	0.000003	-0.000252
94	0.000465	0.000057	0.000288	0.000094	0.000107	-0.002409	-0.000247	0.000988	0.000812	-0.000195	-0.000037	-0.000097
95	-0.000007	-0.000142	-0.000078	-0.000052	0.000318	-0.009380	-0.001495	0.003408	0.002165	0.000509	0.000925	-0.000230
96	0.000006	-0.000213	-0.000130	-0.000215	0.000252	-0.002421	0.000953	0.001365	0.001566	-0.000833	-0.000471	-0.001143
97	0.000021	-0.000048	-0.000023	-0.000020	0.000010	0.000641	-0.003793	0.001368	0.000956	0.000410	0.000676	-0.001343
98	0.000037	-0.000054	-0.000040	-0.000054	0.000006	0.000012	-0.015928	0.002579	0.003287	0.000264	0.000251	-0.000556
99	0.000011	-0.000053	-0.000022	-0.000041	-0.000038	-0.000327	-0.002710	0.000361	0.000334	0.000472	0.000449	-0.000169
100	0.000007	-0.000039	-0.000014	-0.000032	-0.000043	-0.001056	-0.002698	0.000762	0.000480	0.000359	0.000464	-0.000328
101	-0.000030	-0.000065	-0.000024	-0.000050	-0.000013	-0.000143	-0.000025	-0.000026	-0.000086	0.000049	0.000082	0.000040
102	-0.000039	-0.000055	-0.000025	-0.000027	-0.000006	-0.000446	0.000140	0.000097	0.000028	-0.000008	0.000042	0.000014
103	0.000021	-0.000064	-0.000042	-0.000052	0.000000	-0.000330	-0.000088	0.000068	0.000018	-0.000010	0.000050	0.000045
104	0.000019	-0.000055	-0.000028	-0.000040	0.000008	-0.000362	-0.000074	0.000079	0.000031	-0.000010	0.000045	0.000044
105	0.000133	-0.000241	-0.000117	-0.000222	-0.000078	-0.000545	0.000038	0.000194	0.000123	-0.000054	0.000003	0.000040
106	0.000185	-0.000084	-0.000053	-0.000146	-0.000047	-0.000451	-0.000020	0.000158	0.000090	-0.000031	0.000017	0.000040
107	-0.000401	0.000105	0.000301	-0.000003	0.000331	-0.000249	-0.000076	0.000122	0.000027	-0.000034	0.000018	0.000026
108	0.000448	-0.000643	-0.000368	-0.000422	-0.000280	-0.000290	0.000077	0.000111	0.000036	-0.000062	-0.000021	0.000048
109	-0.000092	-0.000002	-0.000006	0.000067	0.000147	0.029762	-0.009773	-0.014819	-0.013245	0.009255	0.005345	0.001794
110	0.000176	0.000033	-0.000110	0.000002	0.000255	0.000540	0.038617	-0.002143	-0.004331	-0.007965	-0.007415	0.004095

111	-0.000122	-0.000053	-0.000037	0.000015	0.000052	0.000251	0.001739	-0.000055	-0.000290	-0.000218	-0.000224	0.000186
112	0.000247	0.000103	0.000013	0.000065	0.000055	0.001903	-0.000181	-0.000849	-0.001013	0.000320	0.000220	0.000049
113	0.000186	-0.000069	-0.000078	-0.000054	0.000014	-0.000799	0.001938	0.000269	-0.000057	-0.000197	-0.000263	0.000140
114	0.000267	0.000046	-0.000041	0.000083	-0.000042	0.001771	-0.000917	-0.000887	-0.000637	0.000268	0.000226	0.000119
115	0.000292	0.001107	0.000314	0.002206	0.004974	-0.000599	0.002280	0.000061	-0.000043	-0.000237	-0.000280	0.000199
116	0.003431	0.002078	0.000633	0.000838	-0.000957	0.001172	0.000595	-0.000765	-0.000577	0.000053	-0.000016	0.000106
117	-0.000463	0.000154	0.000047	0.000002	-0.000408	0.002215	-0.004713	-0.000017	0.000861	-0.000499	-0.000221	-0.000050
118	-0.000405	0.000034	0.000059	0.000009	-0.000161	0.001104	-0.002864	0.000130	0.000963	-0.000465	-0.000265	0.000024
119	-0.000386	0.000161	0.000114	0.000055	-0.000228	0.001459	-0.002335	-0.000185	0.000650	-0.000376	-0.000251	0.000121
120	0.000016	-0.000182	-0.000084	-0.000066	0.000062	-0.000181	-0.001174	0.000420	0.000407	-0.000169	0.000026	-0.000170
121	-0.000011	0.000096	0.000042	0.000034	-0.000043	0.000071	0.000675	-0.000209	-0.000235	0.000085	-0.000013	0.000087
122	-0.000004	0.000087	0.000042	0.000032	-0.000020	0.000115	0.000478	-0.000208	-0.000164	0.000080	-0.000014	0.000082
123	-0.000081	-0.000118	-0.000021	-0.000040	0.000049	-0.000033	-0.001493	0.000221	0.000888	-0.000252	-0.000142	-0.000009
124	-0.000086	0.000049	0.000025	0.000017	-0.000045	-0.000184	0.000113	0.000178	-0.000031	-0.000074	-0.000026	-0.000033
125	0.000164	0.000067	-0.000003	0.000024	-0.000002	0.000209	0.001421	-0.000404	-0.000875	0.000331	0.000170	0.000044
126	-0.000057	0.000264	0.000119	0.000060	-0.000281	0.002247	-0.001344	-0.000999	0.000110	-0.000089	-0.000248	0.000382
127	-0.000310	0.000078	0.000059	0.000022	-0.000145	0.001027	-0.002825	-0.000316	0.001218	-0.000319	-0.000232	0.000136
128	0.000068	-0.000017	-0.000032	-0.000013	0.000002	-0.000082	0.000074	0.000105	-0.000195	0.000028	0.000095	-0.000083
129	-0.000011	0.000045	-0.000012	-0.000010	-0.000071	0.000076	0.000116	-0.000117	-0.000002	0.000031	-0.000025	0.000042
130	0.000027	0.000056	0.000022	0.000020	0.000012	0.000101	0.000409	-0.000224	-0.000185	0.000095	0.000016	0.000049
131	0.000129	0.000055	-0.000018	-0.000014	-0.000039	-0.000145	-0.000671	0.000349	0.000431	-0.000224	-0.000090	-0.000032
132	-0.000118	-0.000055	0.000017	0.000005	0.000046	0.000100	0.000440	-0.000312	-0.000202	0.000154	0.000006	0.000064
133	-0.000094	-0.000084	0.000024	0.000012	0.000050	-0.000053	-0.000379	0.000204	0.000158	-0.000086	-0.000003	-0.000041
134	-0.000063	0.000337	0.000233	0.000052	0.000937	-0.007866	0.008231	0.000846	0.001342	0.000398	0.000076	0.000325
135	0.000493	-0.000212	0.000016	0.000276	0.001775	-0.006956	0.006690	0.001094	0.001156	0.000428	0.000307	-0.000054
136	0.000761	-0.000001	0.000052	-0.000182	-0.001270	-0.003095	0.003743	0.000581	0.000599	0.000420	0.000321	0.000037
137	0.000550	0.000180	0.000146	-0.000183	-0.000724	0.001366	-0.001512	-0.000219	0.000254	0.000598	0.000644	0.000039
138	0.000165	0.000330	0.000175	-0.000198	0.000475	-0.000952	-0.003594	0.002576	0.004200	-0.002588	-0.001981	0.000647
139	0.000303	-0.000051	0.000044	0.000014	0.000346	-0.007144	0.014884	0.000558	-0.001392	-0.000733	-0.000963	0.001878
140	0.000075	0.000106	0.000100	-0.000026	0.000423	0.010186	0.005662	-0.001858	-0.003987	-0.002427	-0.001712	0.000950
141	0.000088	0.000012	0.000032	-0.000031	0.000219	0.004550	-0.003647	-0.000800	-0.001434	0.001151	0.000845	-0.000271
142	-0.000001	-0.000047	0.000000	0.000001	0.000250	-0.000229	0.005506	-0.000550	-0.001593	0.000023	-0.000155	0.001213
143	-0.000017	-0.000076	-0.000006	0.000000	0.000197	-0.005357	0.011749	-0.000066	-0.000799	-0.000494	-0.000713	0.001656
144	0.000071	0.000064	0.000029	-0.000042	0.000090	-0.002831	0.004553	0.000245	0.000075	-0.000309	-0.000276	0.000473
145	-0.000051	-0.000007	0.000016	0.000016	0.000074	-0.003330	0.006274	0.000061	0.000001	-0.000313	-0.000350	0.000794
146	-0.000025	0.000014	-0.000005	-0.000005	0.000013	-0.000764	0.001115	0.000024	0.000123	-0.000049	-0.000042	0.000154
147	0.000158	0.000034	0.000004	-0.000028	0.000015	0.000042	-0.000188	-0.000064	-0.000144	0.000018	0.000027	-0.000127
148	0.000067	0.000130	0.000017	-0.000040	0.000062	-0.001836	0.001988	0.000215	0.000369	-0.000226	-0.000185	0.000077
149	-0.000626	0.000346	0.000071	-0.000080	-0.000143	-0.003021	0.001318	0.000463	0.001488	-0.000220	-0.000063	0.000085
150	0.000212	0.000368	-0.000022	-0.000170	-0.000060	-0.000849	-0.000192	0.000191	0.000481	-0.000064	0.000026	-0.000172
151	0.001081	0.000287	-0.000024	-0.000076	-0.000397	-0.000554	-0.000453	0.000243	0.000307	-0.000016	0.000063	-0.000216
152	0.001473	0.000134	-0.000087	-0.000131	-0.000569	-0.000979	0.001081	0.000354	0.000231	-0.000118	-0.000060	0.000059
153	-0.000411	0.000103	0.000334	0.000486	-0.000586	-0.002990	0.003192	0.000562	0.000638	-0.000118	-0.000095	0.000205
154	0.000172	0.000149	0.000100	-0.000033	0.000210	-0.002094	0.013885	0.006710	0.006511	-0.010260	-0.008318	0.002668
155	0.000078	-0.000009	0.000043	0.000002	0.000204	-0.003489	0.006919	0.000181	-0.000325	-0.000363	-0.000429	0.000881
156	0.000149	0.000191	0.000061	-0.000064	-0.000048	-0.002858	0.002671	0.000544	0.000788	-0.000315	-0.000248	0.000090
157	-0.001874	-0.000061	0.000390	0.000520	0.001709	-0.004218	0.004625	0.000712	0.000912	-0.000132	-0.000140	0.000282
158	0.000163	0.000003	-0.000002	-0.000012	0.000048	0.000191	-0.001444	0.000012	0.000835	-0.000174	-0.000093	-0.000027
159	-0.000389	-0.000451	0.000140	0.000152	0.000282	-0.001096	0.005769	-0.000837	-0.002338	0.000815	0.000203	0.000363
160	-0.000417	-0.000405	0.000155	0.000147	0.000294	-0.001089	0.005627	-0.000764	-0.002339	0.000792	0.000215	0.000320

161	-0.000215	-0.000085	0.000037	0.000032	0.000092	-0.000303	0.001846	-0.000215	-0.000941	0.000287	0.000123	0.000036
162	0.000003	0.000000	-0.000004	0.000007	0.000010	-0.000037	0.000008	-0.000022	-0.000067	0.000041	0.000031	-0.000003
163	-0.000720	-0.000248	0.000086	0.000136	0.000103	-0.000832	0.008697	-0.000543	-0.004914	0.001186	0.000488	0.000209
164	-0.000440	-0.000320	-0.000283	0.000421	0.001224	-0.004717	0.007519	-0.000139	-0.000104	0.000579	0.000232	0.000586
165	0.000493	0.000029	0.000122	-0.000138	-0.000645	0.000229	0.000670	-0.000555	-0.000685	-0.000270	-0.000386	0.000325
166	-0.000100	-0.000178	-0.000063	0.000050	0.000500	0.000796	-0.002808	0.000389	-0.000365	0.001719	0.001750	-0.001599
167	0.000114	0.000017	0.000062	-0.000040	0.000418	0.004764	-0.007404	0.001152	0.000587	-0.000822	-0.000530	-0.001441
168	-0.000007	0.000018	0.000009	0.000007	0.000055	0.002192	0.003171	-0.001232	-0.001793	0.000126	0.000110	0.000803
169	-0.000002	0.000101	0.000012	0.000006	-0.000392	0.004154	-0.005826	-0.000662	0.000321	-0.000003	0.000169	-0.000965
170	-0.000006	0.000019	0.000039	-0.000003	-0.000048	0.004262	-0.006069	-0.000296	-0.000657	0.000319	0.000351	-0.000690
171	0.000060	-0.000010	0.000010	0.000002	-0.000028	0.001297	-0.001827	-0.000119	-0.000282	0.000129	0.000124	-0.000242
172	-0.000197	-0.000075	-0.000002	0.000047	-0.000047	0.001469	-0.001786	-0.000101	-0.000146	0.000151	0.000136	-0.000029
173	0.000245	0.000140	0.000009	-0.000080	0.000046	-0.001224	-0.000369	0.000559	0.000628	-0.000148	-0.000025	-0.000326
174	-0.001335	-0.000208	0.000017	-0.000012	0.000427	0.000484	-0.000309	-0.000096	-0.000129	0.000019	0.000025	0.000025
175	0.002279	0.000474	-0.000214	-0.000230	-0.000416	0.001910	-0.001915	-0.000661	-0.000476	0.000203	0.000116	-0.000070
176	0.000003	0.000235	0.000143	-0.000073	0.000973	-0.019816	0.006596	-0.001799	-0.001422	0.007542	0.006352	-0.003800
177	-0.000197	-0.000052	0.000020	0.000020	0.000415	0.017563	-0.019442	0.004777	0.005670	-0.006336	-0.005078	0.000960
178	-0.000215	-0.000092	-0.000087	0.000098	-0.000146	-0.004264	0.010314	-0.000218	0.000267	-0.000918	-0.000885	0.001550
179	0.000388	0.000078	0.000072	-0.000067	0.000035	0.000193	0.001216	-0.000148	-0.001030	-0.000122	-0.000156	-0.000047
180	0.000388	-0.000078	-0.000005	0.000015	0.000021	0.003058	-0.004138	-0.000326	-0.000994	0.000306	0.000298	-0.000644
181	-0.000011	-0.000220	0.000030	0.000025	0.000008	-0.002339	0.004222	0.000598	0.000252	-0.000347	-0.000331	0.000539
182	0.000330	0.000493	-0.000436	-0.001154	-0.000037	0.001843	0.001275	-0.000272	-0.000919	-0.000310	-0.000345	0.000688
183	-0.000437	-0.000347	0.000217	0.001184	-0.001701	0.002121	-0.002767	-0.001505	-0.000225	0.000421	0.000368	0.000037
184	-0.000199	-0.000435	0.000129	0.000142	0.000289	-0.001093	0.004898	-0.000907	-0.001657	0.000717	0.000139	0.000383
185	-0.000508	-0.000451	0.000142	0.000142	0.000210	-0.001525	0.007038	-0.000793	-0.002796	0.000892	0.000236	0.000412
186	0.000178	0.000134	-0.000024	-0.000030	-0.000085	0.000109	-0.001444	0.000408	0.000628	-0.000267	-0.000062	-0.000100
187	0.000535	0.000340	-0.000159	-0.000146	-0.000141	0.001868	-0.007747	0.000361	0.003321	-0.000874	-0.000312	-0.000334
188	0.000011	0.000428	-0.000092	-0.000115	-0.000283	0.000715	-0.003073	0.000947	0.000653	-0.000511	-0.000019	-0.000371
189	-0.000060	0.000001	-0.000025	0.000014	-0.000008	0.000189	0.000157	-0.000185	-0.000220	0.000115	0.000056	0.000016
190	0.000001	0.000045	0.000019	0.000018	0.000018	0.237325	0.552858	0.508557	0.267412	0.147065	0.146482	-0.551748
191	0.000015	0.000110	0.000082	0.000132	-0.000006	0.130497	0.149612	0.308578	0.537413	0.515061	0.284990	0.150408
192	-0.000017	-0.000008	0.000004	-0.000005	-0.000015	-0.565701	-0.589303	0.154994	0.156643	0.298643	0.526535	0.518903
193	0.000001	0.000048	0.000039	0.000050	0.000020	-0.583403	-0.570384	-0.534946	-0.569923	0.152420	0.155164	0.289685
194	-0.000068	0.000055	0.000079	0.000118	0.000025	0.133617	0.140214	-0.570726	-0.535281	-0.539139	-0.575170	0.148393
195	0.000007	0.000020	0.000032	0.000050	0.000083	0.568036	0.226195	0.136751	0.131073	-0.549455	-0.512852	-0.515594
196	0.000026	-0.000010	-0.000024	-0.000054	-0.000009	-0.051167	-0.085398	0.123604	0.117664	-0.064240	-0.054884	0.008307
197	-0.000018	0.000064	0.000046	0.000031	-0.000041	-0.003636	0.008797	-0.055324	-0.065462	0.118316	0.120298	-0.067006
198	-0.000012	0.000064	0.000060	0.000068	-0.000005	-0.005263	-0.005099	-0.001200	0.010210	-0.056577	-0.066156	0.118938
199	-0.000036	0.000020	0.000043	0.000085	-0.000005	0.008701	-0.003894	-0.005708	-0.005671	0.000283	0.011970	-0.056837
200	-0.000001	-0.000050	-0.000027	-0.000005	0.000031	-0.078607	-0.049626	0.012921	0.002863	-0.004391	-0.004675	-0.002701
201	0.000070	0.000064	0.000038	0.000041	0.000036	0.000362	0.000349	-0.000171	-0.000264	0.000055	-0.000009	0.000027
202	-0.000050	0.000078	0.000048	0.000087	-0.000031	0.000192	0.000283	-0.000223	-0.000008	0.000017	-0.000037	0.000105
203	-0.000042	-0.000007	-0.000006	0.000012	-0.000020	0.000103	0.000148	-0.000131	-0.000041	0.000040	0.000003	0.000055
204	0.000012	0.000026	0.000025	0.000012	0.000016	0.000098	-0.000137	-0.000003	-0.000032	0.000012	0.000012	-0.000007
205	0.000013	0.000106	0.000081	0.000079	0.000005	0.000657	0.000438	-0.000406	-0.000325	0.000048	-0.000062	0.000141
206	-0.000036	0.000060	0.000025	0.000051	-0.000026	0.000235	0.000292	-0.000132	-0.000040	0.000019	-0.000041	0.000042
207	-0.000005	-0.000017	-0.000012	0.000008	0.000011	-0.000038	0.000002	0.000057	0.000004	0.000000	0.000013	-0.000041
208	-0.000020	0.000028	0.000042	0.000054	0.000005	0.000209	0.000159	-0.000146	-0.000085	-0.000008	-0.000029	0.000067
209	-0.000021	0.000038	0.000035	0.000037	-0.000018	0.000136	0.000131	-0.000113	-0.000042	-0.000004	-0.000025	0.000054
210	0.000008	0.000066	0.000035	0.000035	-0.000011	0.000204	0.000169	-0.000151	-0.000077	0.000011	-0.000032	0.000066

211	0.000009	0.000020	-0.000005	-0.000008	0.000000	-0.000105	0.000014	0.000023	0.000007	0.000032	0.000020	-0.000025
212	0.000108	0.000063	0.000033	0.000043	0.000032	0.000303	0.000305	-0.000199	-0.000132	0.000020	0.000001	0.000102
213	0.000027	0.000094	0.000070	0.000081	-0.000021	0.001403	-0.000711	-0.000540	-0.000431	0.000156	0.000096	0.000057
214	0.000007	0.000057	0.000029	0.000046	0.000005	0.000235	-0.000254	-0.000059	-0.000056	0.000010	-0.000008	-0.000022
215	0.000003	0.000013	0.000011	-0.000016	-0.000033	-0.000615	0.000722	0.000136	0.000169	-0.000083	-0.000083	0.000049
216	-0.000004	0.000139	0.000089	0.000096	-0.000055	-0.000110	0.000980	-0.000170	-0.000047	-0.000060	-0.000109	0.000159
217	0.000076	0.000060	0.000029	0.000031	-0.000035	0.000501	-0.000148	-0.000202	-0.000179	0.000036	-0.000009	-0.000007
218	0.000024	-0.000028	-0.000005	-0.000007	0.000028	-0.000056	0.000037	0.000036	0.000018	-0.000015	-0.000019	-0.000006
219	-0.000040	0.000046	0.000059	0.000070	-0.000005	0.000118	0.000230	-0.000110	-0.000047	-0.000009	-0.000043	0.000054
220	-0.000017	0.000062	0.000051	0.000050	-0.000025	0.000152	0.000124	-0.000109	-0.000060	-0.000003	-0.000019	0.000048
221	-0.000024	0.000070	0.000044	0.000020	-0.000050	0.000121	0.000222	-0.000119	-0.000060	-0.000001	-0.000036	0.000055
222	0.000022	0.000006	-0.000014	-0.000043	-0.000014	-0.000135	0.000088	0.000050	0.000036	-0.000011	-0.000016	-0.000010
223	0.083894	-0.010208	-0.004435	-0.004725	-0.008172	0.000676	0.000007	-0.000236	-0.000242	0.000006	-0.000029	0.000068
224	0.085429	0.089616	-0.006288	-0.004897	-0.005226	0.000304	0.000600	-0.000359	-0.000113	0.000011	-0.000071	0.000142
225	-0.006201	0.091500	0.089580	-0.006680	-0.001220	-0.000324	0.000113	0.000081	0.000181	-0.000053	-0.000040	0.000005
226	-0.001188	-0.007360	0.089430	0.090590	-0.006331	0.000127	0.000194	-0.000098	-0.000151	0.000035	-0.000005	0.000025
227	-0.005054	-0.005384	-0.007103	0.089596	0.083657	0.000572	0.000148	-0.000285	-0.000213	-0.000025	-0.000059	0.000102
228	-0.007700	-0.004347	-0.005103	-0.010589	0.081127	0.000512	0.000216	-0.000357	-0.000145	0.000060	0.000019	0.000048
229	5.289270	0.009522	0.002281	0.001538	0.003273	-0.000154	0.000042	0.000049	0.000037	0.000011	0.000008	-0.000016
230	0.009522	5.278960	0.008958	0.002803	0.001488	0.000184	0.000139	-0.000143	-0.000084	0.000025	-0.000010	0.000062
231	0.002281	0.008958	5.290960	0.008982	0.002118	0.000137	0.000116	-0.000120	-0.000059	0.000001	-0.000017	0.000053
232	0.001538	0.002803	0.008982	5.283020	0.009087	0.000182	0.000230	-0.000164	-0.000080	-0.000014	-0.000045	0.000076
233	0.003273	0.001488	0.002118	0.009087	5.297510	0.000029	-0.000045	0.000003	0.000015	-0.000022	-0.000012	-0.000013
234	-0.000154	0.000184	0.000137	0.000182	0.000029	1.222970	0.442769	-0.338015	-0.307934	-0.103625	-0.168046	0.016041
235	0.000042	0.000139	0.000116	0.000230	-0.000045	0.442769	1.231450	-0.348180	-0.311865	-0.023529	-0.108604	0.025261
236	0.000049	-0.000143	-0.000120	-0.000164	0.000003	-0.338015	-0.348180	1.081830	0.570527	-0.306644	-0.279169	-0.104737
237	0.000037	-0.000084	-0.000059	-0.000080	0.000015	-0.307934	-0.311865	0.570527	1.077180	-0.347114	-0.305755	-0.017290
238	0.000011	0.000025	0.000001	-0.000014	-0.000022	-0.103625	-0.023529	-0.306644	-0.347114	1.068910	0.561162	-0.313474
239	0.000008	-0.000010	-0.000017	-0.000045	-0.000012	-0.168046	-0.108604	-0.279169	-0.305755	0.561162	1.070190	-0.357698
240	-0.000016	0.000062	0.000053	0.000076	-0.000013	0.016041	0.025261	-0.104737	-0.017290	-0.313474	-0.357698	1.066960
241	-0.000023	0.000073	0.000065	0.000094	-0.000007	0.018670	0.022927	-0.169625	-0.104446	-0.285532	-0.314568	0.559799
242	0.000001	-0.000040	-0.000025	-0.000024	0.000002	-0.106633	-0.169694	0.006277	0.008888	-0.102329	-0.014753	-0.313124
243	-0.000034	-0.000028	-0.000012	0.000026	-0.000006	-0.022102	-0.104803	0.007846	0.007916	-0.167234	-0.102337	-0.284713
244	0.000027	-0.000057	-0.000035	-0.000091	0.000016	-0.309529	-0.312116	-0.103466	-0.166087	0.009805	0.011143	-0.105567
245	0.000052	-0.000121	-0.000106	-0.000189	0.000040	-0.344469	-0.343697	-0.016648	-0.104009	0.009609	0.008440	-0.171427
246	0.000119	0.000220	0.000184	0.000146	0.000040	0.001508	0.000608	-0.000540	-0.000670	-0.000073	-0.000210	0.000180
247	-0.000118	0.000138	0.000074	0.000172	-0.000085	0.000141	0.001001	-0.000563	-0.000054	0.000066	-0.000056	0.000266
248	-0.000005	-0.000142	-0.000121	-0.000122	0.000005	-0.000747	-0.000530	0.000461	0.000345	0.000013	0.000104	-0.000185
249	-0.000029	-0.000078	-0.000074	-0.000072	-0.000022	-0.000467	-0.000373	0.000229	0.000235	0.000029	0.000086	-0.000085
250	0.000019	0.000005	0.000011	0.000003	0.000016	0.000038	0.000037	0.000002	-0.000042	-0.000020	-0.000016	0.000001
251	0.000016	-0.000028	-0.000005	-0.000017	0.000028	-0.000031	-0.000155	0.000083	-0.000004	-0.000010	0.000014	-0.000044
252	-0.000018	0.000042	0.000038	0.000047	-0.000015	0.000218	0.000212	-0.000185	-0.000086	-0.000004	-0.000038	0.000084
253	-0.000014	0.000053	0.000046	0.000054	-0.000013	0.000225	0.000224	-0.000184	-0.000095	-0.000009	-0.000041	0.000085
254	-0.000010	-0.000014	-0.000020	-0.000012	-0.000014	-0.000082	-0.000132	0.000040	0.000066	0.000018	0.000030	-0.000013
255	-0.000015	0.000013	-0.000007	-0.000005	-0.000020	0.000011	0.000036	-0.000032	0.000023	0.000016	-0.000007	0.000016
256	0.000023	-0.000076	-0.000037	-0.000064	0.000040	-0.000232	-0.000373	0.000223	0.000084	-0.000005	0.000050	-0.000109
257	0.000033	-0.000132	-0.000090	-0.000129	0.000039	-0.000577	-0.000561	0.000463	0.000196	-0.000018	0.000086	-0.000197
258	-0.000065	0.000176	0.000164	0.000197	-0.000122	-0.000835	0.002795	-0.000242	0.000017	-0.000149	-0.000242	0.000387
259	0.000065	0.000200	0.000100	0.000158	0.000014	0.003438	-0.002240	-0.001161	-0.001021	0.000353	0.000239	0.000006
260	0.000068	-0.000141	-0.000124	-0.000149	0.000059	0.000045	-0.001341	0.000287	0.000092	0.000075	0.000156	-0.000217

261	0.000026	-0.000076	-0.000056	-0.000076	0.000033	0.000097	-0.000900	0.000144	0.000043	0.000052	0.000086	-0.000134
262	-0.000021	-0.000016	-0.000007	0.000004	0.000017	-0.000503	0.000651	0.000109	0.000137	-0.000082	-0.000088	0.000049
263	-0.000032	-0.000036	-0.000001	-0.000015	-0.000002	-0.000635	0.000534	0.000193	0.000192	-0.000082	-0.000067	0.000012
264	-0.000029	0.000079	0.000060	0.000073	-0.000020	0.000460	-0.000024	-0.000230	-0.000159	0.000040	0.000013	0.000061
265	-0.000012	0.000065	0.000047	0.000061	-0.000014	0.000451	-0.000033	-0.000219	-0.000158	0.000040	0.000019	0.000061
266	0.000009	-0.000021	-0.000023	-0.000030	-0.000006	0.000166	-0.000397	0.000007	-0.000032	0.000035	0.000034	-0.000059
267	-0.000001	0.000018	-0.000007	-0.000006	-0.000030	0.000209	-0.000227	-0.000059	-0.000076	0.000033	0.000021	-0.000026
268	0.000001	-0.000085	-0.000047	-0.000080	0.000030	-0.001557	0.000901	0.000565	0.000504	-0.000196	-0.000141	-0.000031
269	-0.000008	-0.000162	-0.000105	-0.000137	0.000039	-0.001334	0.000278	0.000604	0.000460	-0.000118	-0.000030	-0.000108
270	-0.050204	-0.004176	-0.005483	0.008569	-0.081245	0.001723	0.000528	-0.000840	-0.000872	0.000156	-0.000006	0.000186
271	-0.083045	0.009319	-0.004620	-0.003349	-0.049250	0.000514	0.000859	-0.000535	0.000051	-0.000116	-0.000189	0.000287
272	0.124747	-0.054723	-0.001030	-0.005568	0.013752	-0.000923	-0.000481	0.000511	0.000389	-0.000024	0.000076	-0.000179
273	0.113604	-0.065181	0.010381	-0.005525	0.003442	-0.000636	-0.000177	0.000300	0.000304	-0.000044	0.000012	-0.000095
274	-0.064080	0.119218	-0.056560	0.000069	-0.004434	0.000090	-0.000027	0.000010	-0.000065	0.000016	-0.000004	0.000005
275	-0.054553	0.119027	-0.066076	0.011791	-0.004687	-0.000027	-0.000148	0.000091	-0.000024	0.000014	0.000024	-0.000028
276	0.008206	-0.067271	0.119540	-0.056715	-0.002712	0.000207	0.000275	-0.000190	-0.000095	-0.000002	-0.000037	0.000080
277	-0.002806	-0.057434	0.118157	-0.066225	0.007969	0.000209	0.000259	-0.000194	-0.000109	0.000008	-0.000029	0.000076
278	-0.004838	0.012329	-0.066495	0.119363	-0.052898	-0.000325	0.000021	0.000133	0.000162	-0.000036	-0.000014	-0.000034
279	-0.004558	0.000425	-0.056950	0.117537	-0.062407	-0.000064	0.000114	-0.000010	0.000068	-0.000034	-0.000028	0.000015
280	0.003403	-0.005745	0.010299	-0.065135	0.111848	-0.000428	-0.000386	0.000303	0.000085	0.000009	0.000063	-0.000103
281	0.014108	-0.005783	-0.001161	-0.054811	0.120620	-0.000345	-0.000831	0.000422	0.000108	0.000052	0.000131	-0.000209
282	0.000081	0.000043	-0.000025	-0.000025	0.000040	-0.018270	0.025261	0.001866	-0.001153	-0.000903	-0.001537	0.000033
283	0.000040	0.000022	0.000007	-0.000023	-0.000029	-0.003018	0.002340	0.001397	0.002769	0.000736	0.000683	0.000594
284	-0.000027	0.000004	0.000019	0.000042	0.000017	-0.001864	-0.001377	0.000362	0.001499	-0.001080	-0.000634	-0.001003
285	-0.000014	0.000014	0.000016	0.000027	-0.000003	0.001672	-0.003147	-0.000040	-0.000108	0.000336	-0.000437	0.000318
286	-0.000004	0.000010	0.000010	0.000012	-0.000011	0.002266	-0.002039	0.000076	0.000212	-0.002123	-0.001379	0.000535
287	0.000006	0.000026	0.000025	0.000027	-0.000004	0.001858	-0.002895	-0.003032	-0.002546	0.000262	0.000989	0.000524
288	-0.000095	-0.000052	-0.000006	-0.000032	0.000021	-0.000637	0.000653	0.000330	0.000176	-0.000165	-0.000144	0.000011
289	-0.000023	0.000002	0.000001	-0.000003	-0.000004	-0.000107	0.000484	-0.000042	-0.000039	-0.000015	-0.000054	0.000050
290	0.000012	0.000022	0.000006	0.000019	0.000001	-0.000010	-0.000116	0.000030	0.000015	-0.000002	0.000020	-0.000022
291	0.000012	0.000009	0.000005	0.000004	0.000006	-0.000074	-0.000070	0.000060	0.000025	-0.000014	0.000012	-0.000024
292	0.000010	0.000003	0.000002	0.000005	0.000001	0.000001	-0.000214	0.000039	0.000022	0.000005	0.000024	-0.000030
293	0.000016	0.000030	0.000013	0.000021	-0.000004	0.000000	-0.000181	-0.000029	0.000019	0.000022	0.000028	0.000000
294	-0.000014	-0.000037	-0.000014	-0.000031	0.000058	-0.000109	0.000073	0.000241	0.000005	-0.000070	-0.000081	-0.000070
295	-0.000027	-0.000065	-0.000022	-0.000017	0.000037	-0.000147	0.000016	0.000110	0.000049	-0.000022	-0.000012	-0.000028
296	0.000003	0.000027	0.000012	0.000013	-0.000017	-0.000056	-0.000039	0.000005	0.000031	0.000003	0.000011	-0.000004
297	0.000004	0.000028	0.000007	0.000019	-0.000004	-0.000019	0.000014	-0.000001	0.000007	0.000002	-0.000002	-0.000003
298	0.000007	0.000034	0.000017	0.000034	-0.000003	0.000095	0.000005	-0.000063	-0.000034	0.000017	0.000005	0.000011
299	0.000004	0.000003	-0.000005	0.000025	0.000006	-0.000057	-0.000069	-0.000004	0.000034	0.000014	0.000024	-0.000005
300	0.001116	-0.000070	0.000305	0.000142	-0.002010	0.000363	-0.000695	-0.000194	0.000074	0.000043	0.000060	-0.000040
301	0.000609	-0.000094	0.000218	-0.000110	0.000612	0.000400	-0.000261	-0.000136	-0.000083	0.000014	0.000014	-0.000014
302	0.000055	0.000231	0.000231	0.000047	0.000662	-0.000149	-0.000064	0.000112	0.000046	-0.000005	0.000010	-0.000018
303	-0.000249	0.000506	-0.000270	-0.000220	0.000611	-0.000025	-0.000088	0.000036	0.000006	0.000012	0.000025	-0.000009
304	-0.000076	0.000236	-0.000275	-0.000300	-0.000021	-0.000141	0.000089	0.000062	0.000036	-0.000017	-0.000008	0.000002
305	0.002005	0.000364	-0.000137	-0.000055	0.000267	-0.000083	-0.000156	0.000122	0.000023	-0.000012	0.000017	-0.000023
306	0.000108	0.000083	0.000045	0.000010	-0.000041	-0.030234	-0.028390	0.006091	0.015144	0.006928	0.006349	-0.002052
307	0.000035	0.000031	-0.000015	-0.000009	-0.000002	-0.002193	0.005062	-0.001048	0.000591	0.001340	0.000629	-0.000038
308	0.000007	0.000014	0.000016	0.000015	0.000005	-0.004014	0.004797	0.001909	0.001539	-0.002752	-0.001634	0.001034
309	-0.000008	-0.000019	-0.000011	-0.000007	0.000020	-0.000988	0.002242	0.000106	-0.000177	0.000220	0.000075	-0.000672
310	-0.000011	0.000000	-0.000003	0.000004	-0.000015	0.001558	-0.002879	-0.000677	-0.000735	0.000833	0.000851	-0.001290

311	-0.000007	-0.000009	0.000000	0.000007	0.000020	-0.000956	-0.005068	0.000180	0.000968	0.000707	0.001228	-0.000296
312	-0.000014	-0.000017	0.000013	-0.000009	-0.000028	0.004922	-0.003711	-0.000517	-0.001119	-0.000927	-0.000414	0.000955
313	-0.000050	-0.000009	-0.000016	-0.000009	-0.000007	-0.000705	0.001231	-0.000044	0.000042	-0.000014	-0.000057	0.000085
314	-0.000023	-0.000042	-0.000021	-0.000039	0.000024	-0.000172	0.000196	0.000115	0.000043	-0.000072	-0.000049	0.000005
315	-0.000015	0.000021	0.000014	0.000015	-0.000008	-0.000188	0.000182	0.000075	0.000051	-0.000032	-0.000031	0.000000
316	-0.000001	0.000005	0.000002	0.000004	0.000005	0.000062	-0.000043	-0.000013	-0.000018	0.000009	0.000007	-0.000005
317	0.000002	-0.000019	-0.000015	-0.000016	0.000001	0.000002	-0.000091	0.000022	0.000009	0.000001	0.000015	-0.000014
318	0.000018	0.000020	0.000006	0.000006	0.000001	0.000112	-0.000034	-0.000055	-0.000023	0.000005	0.000001	0.000013
319	0.000017	0.000025	0.000014	0.000030	-0.000023	0.000180	-0.000209	-0.000143	-0.000059	0.000089	0.000057	0.000001
320	-0.000002	-0.000107	-0.000028	0.000043	0.000100	-0.001110	0.000964	0.000295	0.000357	-0.000157	-0.000142	-0.000011
321	0.000023	-0.000017	-0.000022	-0.000011	0.000047	-0.000006	0.000053	0.000092	-0.000017	-0.000028	-0.000036	-0.000032
322	-0.000021	-0.000002	-0.000003	0.000003	-0.000003	-0.000159	0.000016	0.000088	0.000057	-0.000020	-0.000009	-0.000020
323	-0.000008	0.000009	0.000019	-0.000002	-0.000012	0.000100	-0.000023	-0.000053	-0.000032	0.000013	0.000004	0.000011
324	0.000028	0.000014	-0.000005	-0.000006	0.000000	0.000059	0.000027	-0.000021	-0.000029	-0.000004	-0.000009	0.000010
325	-0.000008	-0.000011	-0.000014	-0.000005	-0.000006	-0.000123	-0.000021	0.000036	0.000053	-0.000002	0.000017	-0.000010
326	-0.000013	0.000008	0.000024	0.000020	-0.000026	0.000140	-0.000064	-0.000146	-0.000035	0.000042	0.000035	0.000041
327	-0.004104	-0.000233	-0.000089	-0.000298	-0.007919	0.001284	-0.001612	-0.000138	-0.000233	0.000062	0.000130	-0.000066
328	0.002233	-0.000653	0.000208	0.000223	-0.000327	0.000224	-0.000276	-0.000117	0.000000	0.000032	0.000035	-0.000007
329	-0.001543	0.000883	-0.000075	0.000230	0.000069	0.000007	-0.000154	0.000023	0.000011	0.000009	0.000019	-0.000025
330	-0.000093	-0.000201	-0.000170	-0.000356	-0.000479	-0.000048	0.000107	-0.000005	0.000024	-0.000017	-0.000025	0.000014
331	-0.000206	-0.000397	0.000387	0.000010	0.000327	0.000024	-0.000031	-0.000021	-0.000012	0.000021	0.000022	0.000004
332	0.000393	0.000123	0.000052	0.000766	0.000015	-0.000142	0.000153	0.000064	0.000003	-0.000010	-0.000021	-0.000001
333	-0.000733	0.000151	-0.000394	-0.000781	0.000351	-0.000069	0.000204	0.000057	-0.000025	-0.000035	-0.000031	0.000015

	241	242	243	244	245	246	247	248	249	250	251	252
1	-0.000508	0.000133	-0.000222	0.000879	0.001269	-0.001741	-0.001722	0.001360	0.001178	-0.000347	0.000048	-0.000483
2	0.001419	0.000156	0.001660	-0.004059	-0.004036	0.002057	0.008037	-0.003751	-0.004342	0.001679	0.000337	0.001271
3	0.000195	0.000168	0.000849	0.000871	0.001598	0.002581	0.003963	-0.002143	-0.002226	0.000065	-0.000233	0.001239
4	0.001925	-0.000251	0.000355	-0.006042	-0.005882	-0.012731	0.020476	-0.002215	-0.002652	0.001341	0.000749	0.001292
5	0.001104	-0.000415	-0.000038	-0.001725	-0.002146	0.017677	-0.015480	-0.001441	-0.002328	0.000078	-0.000633	0.000742
6	0.001229	0.000059	0.000413	-0.002289	-0.002625	0.001808	0.004376	-0.002242	-0.001790	0.000036	-0.000332	0.001289
7	0.000143	-0.000331	-0.000357	-0.000010	-0.000468	0.001937	0.000432	-0.000467	-0.000026	-0.000439	-0.000462	0.000260
8	-0.000689	0.001039	0.000677	0.003021	0.003302	-0.000258	-0.000474	-0.000079	0.000333	-0.000072	0.000048	0.000207
9	0.002154	-0.002318	-0.000882	-0.005766	-0.004408	0.004328	0.003913	-0.002390	-0.002298	0.000195	-0.000301	0.000597
10	0.004349	-0.001614	0.000347	-0.017092	-0.019066	-0.005916	-0.012906	0.003430	0.003506	0.001106	0.001364	-0.000726
11	-0.000791	0.000984	0.000214	0.004866	0.006055	-0.004507	0.051158	-0.009809	-0.011268	-0.000568	-0.001635	0.003615
12	0.000549	-0.000829	-0.000310	-0.001493	-0.001703	0.042353	-0.006252	-0.011917	-0.010582	-0.000195	-0.002264	0.003038
13	0.000202	0.000290	0.000208	-0.000198	-0.000562	-0.011230	-0.005135	0.005150	0.003756	0.000230	0.000853	-0.000800
14	0.000117	-0.000164	-0.000273	0.000639	0.000584	0.004061	0.003930	-0.002398	-0.001936	0.000041	-0.000476	0.000610
15	0.000645	-0.000098	0.000421	-0.002246	-0.002806	-0.000487	-0.000192	0.000129	0.000230	-0.000137	-0.000126	0.000194
16	-0.001518	-0.000483	-0.000815	0.003469	0.003864	0.001386	0.000051	-0.000250	-0.000634	0.000087	0.000047	-0.000143
17	0.001148	-0.000786	0.000595	-0.004374	-0.004043	0.000216	-0.000318	-0.000416	0.000444	0.000047	-0.000013	0.000142
18	-0.000070	-0.000469	-0.001182	-0.003397	-0.001112	-0.000401	0.001058	0.000388	-0.000001	-0.000278	-0.000277	-0.000121
19	0.000752	-0.001616	-0.001765	-0.005426	-0.006313	0.003110	-0.019793	0.004310	0.005907	-0.000817	-0.000399	-0.001915
20	0.001312	-0.000839	0.000234	-0.003494	-0.004225	0.007578	0.007262	-0.004525	-0.005029	0.001131	-0.000267	0.001023
21	-0.002336	0.001488	0.000905	0.005221	0.006178	-0.005412	0.023335	-0.002037	-0.005193	-0.001079	-0.000247	0.000469
22	-0.000139	-0.000038	0.000003	0.000095	0.000041	0.015367	-0.002744	-0.002966	-0.001870	-0.001157	-0.001069	0.000244
23	0.000134	-0.000040	-0.000009	0.000029	-0.000295	0.007532	0.007594	-0.003974	-0.003762	0.000216	-0.001018	0.001160
24	-0.000141	0.000007	0.000097	-0.000300	-0.000327	-0.012076	0.000956	0.004115	0.003198	0.000151	0.000741	-0.001810

25	-0.000078	-0.000114	-0.000061	-0.000433	-0.000126	0.000890	-0.000346	-0.000144	-0.000191	0.000136	0.000082	-0.000182
26	0.000129	-0.000050	0.000034	0.000338	-0.000297	0.000423	-0.000206	-0.000190	0.000173	-0.000116	-0.000199	0.000095
27	-0.000093	-0.000149	-0.000143	-0.000303	0.000099	0.000410	0.000970	-0.000104	-0.000210	-0.000029	-0.000111	-0.000109
28	0.004564	0.001660	0.001511	-0.004216	0.000397	-0.006783	-0.007984	0.003932	0.004431	-0.000467	0.000446	-0.001022
29	0.006450	0.003029	0.004244	-0.011687	-0.008697	0.006594	0.006142	-0.003299	-0.003012	0.000619	-0.000394	0.000209
30	0.000478	-0.000316	0.000644	-0.003560	-0.004566	-0.016732	0.018877	-0.002286	-0.007300	0.001829	0.002005	0.005615
31	-0.001248	0.000649	-0.000265	0.004009	0.004600	0.006718	-0.014109	-0.002843	-0.006177	0.004111	0.002789	0.005293
32	-0.000172	-0.000185	-0.000268	-0.000037	0.000090	0.009011	0.004809	-0.003704	-0.003362	0.000183	-0.000832	0.000213
33	-0.000379	0.000106	0.000137	0.000944	0.000518	-0.006337	-0.007816	0.004180	0.003749	-0.000277	0.000531	-0.001215
34	-0.001173	0.000289	-0.000584	0.004216	0.004260	0.001257	-0.001531	0.000300	-0.000019	-0.000304	-0.000266	-0.000269
35	0.000289	-0.000828	0.000283	-0.002974	-0.002673	-0.000186	-0.000877	0.000078	0.000735	0.000206	0.000259	-0.000319
36	0.000166	-0.000078	0.000027	-0.000254	-0.000422	-0.000061	0.000276	-0.000023	-0.000009	-0.000040	-0.000039	0.000037
37	-0.001671	0.000271	0.000411	0.000808	0.000531	0.000141	0.000109	-0.000128	-0.000070	0.000017	0.000001	0.000056
38	-0.001704	0.000196	0.000059	0.001976	0.001735	0.000520	0.000543	-0.000418	-0.000251	0.000049	-0.000060	0.000163
39	0.000141	-0.000096	-0.000029	-0.000244	-0.000334	0.003835	-0.007656	0.000522	0.001070	0.000761	0.000606	-0.001836
40	0.000026	-0.000003	0.000012	-0.000079	-0.000115	-0.003679	0.002543	0.001129	0.001260	0.000101	0.000159	-0.001748
41	0.000034	-0.000016	0.000004	-0.000027	-0.000082	0.000371	0.000695	-0.000313	-0.000213	-0.000026	-0.000131	0.000149
42	0.000046	-0.000020	-0.000001	-0.000043	-0.000103	0.000073	0.000244	-0.000080	-0.000025	-0.000022	-0.000058	0.000038
43	0.000066	-0.000031	-0.000016	-0.000029	-0.000099	0.000064	0.000171	-0.000067	-0.000030	-0.000006	-0.000036	0.000034
44	0.000042	-0.025576	-0.016943	-0.100225	-0.126533	0.000553	-0.000134	-0.000114	-0.000103	-0.000043	-0.000062	0.000026
45	0.000023	0.000006	0.000050	-0.000133	-0.000192	0.267666	0.271457	-0.126135	-0.101019	-0.017432	-0.026082	0.000361
46	0.000109	-0.000006	0.000072	-0.000300	-0.000414	0.000634	-0.000070	-0.000223	-0.000134	-0.000004	-0.000058	0.000046
47	0.000043	-0.000018	0.000038	-0.000198	-0.000181	0.000036	0.000977	-0.000159	-0.000084	-0.000077	-0.000138	0.000054
48	-0.000063	-0.000019	-0.000085	-0.000134	0.000008	-0.001362	0.000102	0.000800	0.000686	-0.000147	-0.000086	-0.000300
49	-0.000038	0.000042	0.000035	0.000189	0.000009	0.003314	0.000063	-0.001051	-0.000734	-0.000249	-0.000286	0.000414
50	0.000111	0.000229	0.000311	0.000227	0.000095	0.000724	0.000043	-0.000649	-0.000541	0.000108	0.000074	0.000226
51	0.000645	-0.000574	-0.000380	-0.000665	-0.001252	0.001545	0.000755	-0.000693	-0.000253	-0.000164	-0.000280	0.000281
52	-0.000541	0.000364	0.000147	0.000572	0.001099	-0.002279	-0.000299	0.001243	0.000806	-0.000034	0.000057	-0.000436
53	0.000032	-0.000020	-0.000009	-0.000018	-0.000058	0.000524	0.000320	-0.000186	-0.000037	-0.000091	-0.000139	0.000076
54	0.000037	-0.000040	-0.000027	-0.000009	-0.000056	0.000522	0.000084	-0.000181	-0.000095	-0.000042	-0.000057	0.000069
55	-0.000342	0.000150	0.000021	0.000310	0.000595	0.000531	-0.000527	0.000174	0.000021	-0.000080	-0.000027	-0.000089
56	0.000168	-0.000051	-0.000014	0.000225	0.000065	0.000481	-0.000029	-0.000221	-0.000135	0.000012	-0.000003	0.000069
57	0.000047	-0.000041	-0.000031	-0.000036	-0.000105	-0.000108	-0.000006	0.000008	0.000010	0.000010	0.000024	0.000002
58	0.000038	0.000027	0.000041	-0.000051	-0.000100	-0.000061	0.000145	-0.000069	-0.000036	0.000016	0.000006	0.000049
59	0.000119	-0.000060	-0.000023	-0.000136	-0.000262	0.000070	0.000282	-0.000137	-0.000056	-0.000017	-0.000045	0.000078
60	0.000009	-0.000047	-0.000031	-0.000005	-0.000008	-0.000083	0.000237	-0.000066	-0.000013	0.000034	-0.000001	-0.000003
61	0.000831	-0.000832	-0.000649	-0.001277	-0.002689	-0.005316	0.003651	0.000398	0.000854	0.000422	0.000227	-0.000280
62	-0.001264	0.000934	0.000841	0.002968	0.003344	0.000910	0.000991	0.000321	0.000340	-0.000338	-0.000374	-0.000219
63	-0.000586	0.001228	0.001287	0.001950	0.001851	0.000007	0.001200	0.000367	0.000890	-0.000107	-0.000067	-0.000380
64	0.000222	-0.001025	-0.000864	-0.000749	-0.001025	-0.004089	0.002279	0.000335	0.000426	0.000376	0.000110	-0.000166
65	0.000709	-0.001695	-0.001689	-0.002833	-0.002286	-0.005851	0.001791	0.001570	0.001117	-0.000133	-0.000205	-0.000182
66	0.000607	0.000470	0.000431	-0.001508	-0.001491	0.008382	-0.004313	-0.001774	-0.001689	-0.000193	-0.000039	0.000649
67	-0.001014	0.001280	0.001019	0.002281	0.003215	0.011306	-0.006863	-0.002306	-0.002798	-0.000204	0.000031	0.000789
68	0.000394	-0.000398	-0.000435	-0.000659	-0.000817	-0.005239	0.001135	0.001088	0.000856	0.000174	0.000308	-0.000216
69	0.001481	0.000631	0.000907	-0.002677	-0.001218	-0.000277	0.002041	-0.000210	0.000287	-0.000360	-0.000224	-0.000120
70	-0.000093	-0.000101	-0.000120	-0.000199	-0.000854	-0.001520	0.002170	-0.000732	-0.002050	0.000789	0.000508	0.001453
71	-0.001101	-0.000049	-0.000263	0.001981	0.001749	0.002659	-0.001044	-0.000403	-0.000065	-0.000358	-0.000381	-0.000155
72	-0.000224	-0.000512	-0.000585	0.000650	0.000200	-0.000076	-0.003919	0.001214	0.001598	-0.000103	0.000106	-0.001083
73	-0.001740	0.000655	0.000361	0.002402	0.003093	-0.000466	0.000279	0.000009	-0.000355	0.000141	0.000158	0.000212
74	0.000358	-0.000730	-0.000577	-0.000888	-0.000797	0.000841	0.000003	-0.000310	-0.000110	0.000086	0.000003	-0.000098

75	0.001351	-0.000840	-0.000527	-0.002254	-0.002778	0.000378	0.000134	-0.000153	0.000118	-0.000044	-0.000098	-0.000064
76	-0.000525	0.002011	0.001263	0.005460	0.005721	0.001717	0.002818	-0.001154	-0.001856	-0.000085	-0.000146	0.000753
77	0.000865	0.000832	-0.000132	-0.000958	-0.000039	0.002968	-0.021752	0.004487	0.004981	0.000208	0.000506	-0.002270
78	0.001943	-0.001074	-0.000351	-0.005417	-0.006376	0.001905	0.004650	-0.001470	-0.001099	-0.000458	-0.000583	0.000450
79	0.000455	0.000071	0.000393	-0.002087	-0.002378	0.000327	0.016648	-0.003446	-0.004003	-0.000475	-0.000783	0.001699
80	-0.002671	0.001382	0.000729	0.006374	0.007543	-0.025439	0.013495	0.002318	0.001957	0.001141	0.002024	0.000718
81	0.000642	-0.000456	-0.000342	-0.000918	-0.000788	0.009500	-0.027101	0.003403	0.002312	-0.000107	0.000771	-0.000015
82	-0.000050	-0.000041	0.000034	0.000009	-0.000173	0.010411	0.002107	-0.004295	-0.003463	-0.000128	-0.000868	0.001583
83	-0.000070	-0.000060	0.000035	-0.000116	-0.000282	0.004086	0.002040	-0.001759	-0.001535	0.000019	-0.000314	0.000407
84	0.000116	0.000194	0.000147	-0.000272	-0.000021	-0.014547	0.001323	0.004626	0.003739	0.000427	0.001109	-0.002103
85	0.000192	0.000142	0.000104	-0.000222	-0.000006	0.000478	0.002796	-0.001117	-0.001038	0.000004	-0.000096	0.000750
86	-0.000085	-0.000107	-0.000010	-0.000057	-0.000130	0.000897	-0.000248	-0.000263	-0.000139	0.000059	-0.000016	-0.000080
87	-0.000080	-0.000111	-0.000042	0.000050	-0.000069	0.000967	0.000069	-0.000298	-0.000171	0.000014	-0.000084	-0.000093
88	0.000706	0.000110	0.000146	-0.001426	-0.001410	-0.001254	0.001189	0.000232	-0.000094	-0.000118	-0.000076	0.000271
89	-0.005902	0.002626	-0.000536	0.016726	0.016625	-0.001811	-0.001667	0.000536	0.001100	0.000066	0.000180	-0.000161
90	-0.000306	0.000311	0.000149	0.000904	0.000898	-0.028951	-0.029159	0.016246	0.017343	-0.000810	0.002466	-0.006114
91	-0.000265	0.000020	-0.000119	0.000690	0.000637	-0.000401	-0.002532	0.000765	0.000583	-0.000008	0.000142	-0.000234
92	-0.000295	0.000106	-0.000004	0.001259	0.000957	-0.000484	-0.001368	0.000492	0.000564	-0.000083	0.000053	-0.000210
93	-0.000267	0.000407	0.000282	0.000482	0.000549	-0.000414	-0.000035	0.000162	0.000058	-0.000045	0.000003	0.000049
94	-0.000090	0.000322	0.000294	0.000404	0.000244	-0.000424	0.000029	0.000148	0.000052	-0.000041	-0.000006	0.000050
95	-0.000112	0.000299	0.000225	0.001462	0.002176	-0.000079	-0.000250	0.000059	-0.000088	0.000043	0.000082	0.000025
96	-0.001230	0.000527	0.000284	0.000790	0.000593	-0.000276	0.000085	0.000084	-0.000038	0.000003	0.000019	0.000043
97	-0.001222	-0.000505	-0.000843	0.001835	0.001845	-0.001246	-0.002392	0.000925	0.000619	0.000180	0.000304	-0.000306
98	-0.000722	0.001572	0.001187	0.003587	0.004535	-0.000655	-0.002276	0.000543	0.000480	0.000276	0.000279	-0.000145
99	-0.000171	-0.000089	-0.000212	0.000977	0.001095	-0.001129	-0.012502	0.002728	0.002498	0.000093	0.000116	-0.000382
100	-0.000311	0.000035	-0.000164	0.001152	0.001313	0.000849	-0.004175	0.000701	0.001494	0.000401	0.000682	-0.001316
101	0.000036	-0.000020	-0.000047	0.000030	0.000110	-0.001452	0.000087	0.001147	0.001337	-0.000632	-0.000274	-0.001242
102	0.000007	0.000063	0.000014	-0.000026	0.000075	-0.008891	-0.002251	0.003146	0.002110	0.000798	0.001180	-0.000352
103	0.000036	0.000035	-0.000015	0.000048	0.000140	-0.001860	-0.000858	0.000730	0.000640	0.000016	0.000139	-0.000133
104	0.000035	0.000025	-0.000019	0.000065	0.000141	-0.002241	-0.001187	0.001038	0.000904	-0.000027	0.000183	-0.000283
105	0.000041	0.000061	0.000006	0.000028	0.000065	-0.000335	0.000044	0.000090	0.000045	-0.000021	0.000016	0.000046
106	0.000042	0.000047	0.000004	0.000033	0.000070	-0.000549	0.000195	0.000169	0.000087	-0.000039	0.000000	0.000036
107	0.000028	0.000055	0.000011	0.000002	0.000068	-0.000513	0.000013	0.000154	0.000086	-0.000007	0.000039	0.000043
108	0.000050	0.000059	0.000034	-0.000045	0.000000	-0.000469	-0.000072	0.000145	0.000089	-0.000007	0.000044	0.000049
109	0.001678	-0.006051	-0.006433	0.001246	0.001431	0.001447	0.000378	-0.000407	-0.000913	-0.000031	-0.000036	0.000069
110	0.004284	0.003540	0.007133	-0.018252	-0.018290	0.000423	0.001236	-0.000148	-0.000208	-0.000031	-0.000141	0.000098
111	0.000234	-0.000051	0.000024	-0.000751	-0.000844	0.007665	0.026822	-0.004650	-0.005384	-0.005010	-0.004684	0.003157
112	0.000037	-0.000248	-0.000160	-0.000081	0.000005	0.021419	0.002128	-0.011282	-0.011600	0.005499	0.001972	0.002887
113	0.000176	0.000146	0.000193	-0.000722	-0.000822	0.000223	0.001463	-0.000273	-0.000342	-0.000133	-0.000218	0.000122
114	0.000090	-0.000163	-0.000073	0.000024	0.000178	0.000217	0.001060	-0.000510	-0.000261	0.000139	0.000076	0.000123
115	0.000214	0.000065	0.000091	-0.000901	-0.000858	0.000874	0.000295	-0.000302	-0.000564	0.000019	-0.000087	0.000113
116	0.000068	-0.000172	-0.000091	-0.000312	-0.000065	-0.000438	0.001109	-0.000176	0.000014	0.000061	0.000032	0.000091
117	-0.000227	0.000442	0.000436	0.000970	0.000795	0.003329	-0.001349	-0.001161	-0.001143	-0.000038	0.000058	0.000364
118	-0.000111	0.000299	0.000314	0.000393	0.000475	0.000107	-0.000383	-0.000181	-0.000305	0.000109	0.000151	0.000032
119	-0.000004	0.000220	0.000271	0.000241	0.000185	0.001942	-0.000339	-0.000886	-0.000772	0.000088	0.000062	0.000279
120	-0.000199	0.000190	0.000139	0.000258	0.000450	-0.000835	-0.000305	0.000341	0.000128	0.000081	0.000121	-0.000137
121	0.000100	-0.000098	-0.000069	-0.000142	-0.000252	0.000592	0.000248	-0.000242	-0.000106	-0.000066	-0.000091	0.000110
122	0.000097	-0.000091	-0.000068	-0.000112	-0.000193	0.000227	0.000059	-0.000094	-0.000018	-0.000014	-0.000029	0.000025
123	-0.000087	0.000173	0.000151	0.000199	0.000382	-0.000686	-0.000307	0.000346	0.000180	0.000057	0.000102	-0.000179
124	-0.000037	0.000069	0.000047	0.000015	-0.000038	0.000532	0.000126	-0.000277	-0.000173	-0.000049	-0.000046	0.000124

125	0.000128	-0.000245	-0.000200	-0.000222	-0.000354	0.000182	0.000178	-0.000079	-0.000014	-0.000009	-0.000057	0.000059
126	0.000305	-0.000064	0.000080	-0.000093	-0.000291	0.000656	-0.000287	-0.000512	-0.000455	0.000189	0.000150	0.000115
127	-0.000001	0.000254	0.000296	0.000346	0.000409	-0.000513	-0.000063	-0.000040	-0.000143	0.000142	0.000144	-0.000010
128	-0.000056	-0.000001	-0.000019	0.000046	0.000087	-0.000143	-0.000068	0.000075	0.000033	0.000020	0.000013	-0.000019
129	0.000039	-0.000017	-0.000008	-0.000041	-0.000093	0.000024	0.000078	-0.000056	-0.000013	-0.000012	-0.000007	0.000024
130	0.000074	-0.000047	-0.000032	-0.000091	-0.000166	0.000197	0.000177	-0.000113	-0.000061	-0.000038	-0.000054	0.000063
131	-0.000084	0.000095	0.000087	0.000095	0.000188	-0.000131	-0.000011	0.000066	0.000052	0.000002	0.000006	-0.000028
132	0.000082	-0.000062	-0.000044	-0.000084	-0.000141	0.000044	-0.000100	0.000008	-0.000011	0.000019	0.000018	-0.000023
133	-0.000056	0.000034	0.000017	0.000077	0.000129	0.000003	-0.000081	0.000023	0.000003	0.000011	0.000025	-0.000018
134	0.000551	0.000191	0.000283	-0.002274	-0.002080	0.002023	-0.001751	-0.000486	-0.000546	0.000045	-0.000010	0.000176
135	0.000083	0.000098	0.000136	-0.001743	-0.001235	0.000552	-0.000858	-0.000030	0.000129	0.000099	0.000043	-0.000028
136	0.000297	-0.000295	-0.000311	-0.001110	-0.001181	0.000714	-0.001211	-0.000066	0.000122	0.000120	0.000085	-0.000041
137	0.000311	-0.000491	-0.000653	-0.000020	-0.000313	0.000839	-0.001108	-0.000343	-0.000288	0.000063	0.000106	0.000156
138	0.000916	0.001158	0.001984	-0.001250	-0.001147	0.002090	-0.002830	-0.000651	-0.000519	0.000165	0.000212	0.000184
139	0.002090	-0.001049	-0.001321	-0.003968	-0.002847	0.006674	-0.008012	-0.001728	-0.001174	0.000509	0.000558	0.000198
140	0.000832	0.000643	0.001350	-0.005486	-0.004215	0.004463	-0.005566	-0.001144	-0.001025	0.000283	0.000477	-0.000034
141	-0.000108	-0.000795	-0.000737	0.000642	0.000591	0.000381	-0.002162	-0.000277	0.000042	-0.000173	-0.000015	-0.000116
142	0.001410	-0.000900	-0.000896	-0.002233	-0.001606	-0.002491	0.001615	0.000830	0.000525	-0.001056	-0.000782	-0.000015
143	0.001833	-0.000929	-0.001025	-0.003192	-0.002682	-0.005669	-0.004793	-0.000072	0.001434	0.002312	0.001427	-0.000050
144	0.000538	-0.000174	-0.000256	-0.001216	-0.000829	0.004629	-0.001752	-0.001274	-0.002235	-0.000252	0.000179	0.001085
145	0.000899	-0.000262	-0.000280	-0.001914	-0.001587	-0.004008	0.011538	-0.003236	-0.003515	0.002353	0.001626	0.000665
146	0.000190	-0.000032	-0.000028	-0.000371	-0.000322	-0.001726	0.001583	0.000008	0.000382	-0.001053	-0.001057	0.000358
147	-0.000159	0.000037	-0.000005	0.000355	0.000207	0.002490	0.000821	-0.001328	-0.001587	-0.001224	-0.001185	0.001341
148	0.000078	0.000123	0.000073	-0.000280	-0.000400	0.003643	0.000363	-0.001480	-0.001908	-0.000634	-0.000573	0.001152
149	0.000138	0.000162	0.000139	-0.000295	-0.000200	0.001744	-0.000999	-0.000524	-0.000672	0.000016	0.000110	0.000284
150	-0.000177	0.000067	0.000043	0.000344	0.000299	0.002508	-0.001415	-0.000755	-0.001158	-0.000061	0.000040	0.000410
151	-0.000229	0.000030	0.000006	0.000368	0.000449	0.001286	-0.000857	-0.000347	-0.000677	-0.000048	0.000012	0.000227
152	0.000088	-0.000122	-0.000141	-0.000409	0.000015	0.000842	-0.000588	-0.000057	-0.000172	-0.000002	0.000012	0.000064
153	0.000289	-0.000062	-0.000031	-0.001022	-0.000569	0.000481	-0.000311	-0.000018	-0.000003	0.000018	0.000000	0.000051
154	0.003051	0.005659	0.008159	-0.014203	-0.011840	0.002989	-0.002579	-0.000913	-0.001073	0.000172	0.000179	0.000267
155	0.001008	-0.000316	-0.000372	-0.002047	-0.001653	-0.004351	0.005426	-0.008654	-0.009894	0.009161	0.007086	0.001873
156	0.000119	0.000117	0.000078	-0.000543	-0.000450	0.002366	-0.000584	-0.001124	-0.001295	-0.000100	-0.000035	0.000660
157	0.000426	0.000059	0.000121	-0.001503	-0.001141	0.001610	-0.001214	-0.000457	-0.000475	0.000074	0.000066	0.000204
158	-0.000091	0.000154	0.000142	0.000214	0.000276	0.000719	0.000077	-0.000147	-0.000066	-0.000058	-0.000079	0.000057
159	0.000595	-0.000472	-0.000388	-0.001122	-0.001483	0.004546	-0.000449	-0.001398	-0.001127	-0.000254	-0.000358	0.000572
160	0.000544	-0.000452	-0.000376	-0.001065	-0.001407	0.003646	-0.000382	-0.001170	-0.000976	-0.000172	-0.000265	0.000486
161	0.000129	-0.000167	-0.000142	-0.000278	-0.000372	-0.000570	0.000345	0.000042	0.000046	0.000015	-0.000002	0.000013
162	0.000007	-0.000060	-0.000069	0.000127	0.000045	-0.000271	0.000254	0.000080	0.000031	-0.000023	-0.000007	-0.000022
163	0.000618	-0.000906	-0.000825	-0.001364	-0.001796	-0.002877	0.001258	0.000303	0.000253	0.000126	0.000088	-0.000021
164	0.000814	-0.000329	-0.000371	-0.002044	-0.002010	0.001094	-0.001728	-0.000121	0.000119	0.000181	0.000134	-0.000050
165	0.000139	0.000456	0.000393	-0.000166	-0.000142	-0.000299	0.000547	0.000022	-0.000016	-0.000054	-0.000049	0.000038
166	-0.001595	-0.000971	-0.001274	0.001786	0.002188	-0.001371	0.002094	0.000519	0.000409	-0.000132	-0.000197	-0.000212
167	-0.001704	0.001205	0.001215	0.001024	0.001995	0.003662	-0.001059	-0.001011	-0.001562	-0.000387	-0.000184	0.000397
168	0.000937	-0.000643	-0.000474	-0.001669	-0.001556	0.002114	0.001987	-0.000477	-0.001359	0.000104	0.000147	0.000370
169	-0.001118	0.000808	0.001090	0.001550	0.000465	0.001108	-0.003873	0.000239	0.001762	-0.000609	-0.000364	-0.000943
170	-0.000836	-0.000010	-0.000010	0.001797	0.001845	0.008701	-0.006394	-0.000886	-0.001537	-0.001496	-0.001463	0.001202
171	-0.000293	0.000000	-0.000009	0.000643	0.000581	0.000985	0.001755	-0.001063	-0.001174	-0.001046	-0.001214	0.000982
172	-0.000027	-0.000101	-0.000043	0.000143	0.000339	-0.003851	0.002083	0.000770	0.001249	0.000950	0.000636	-0.001016
173	-0.000362	0.000124	0.000073	0.000454	0.000612	0.002251	-0.001541	-0.000600	-0.001154	-0.000054	0.000050	0.000370
174	0.000029	-0.000063	-0.000064	0.000022	0.000055	0.000134	-0.000046	0.000007	-0.000003	-0.000014	-0.000009	0.000003

175	-0.000114	0.000144	0.000171	0.000679	0.000016	-0.001090	0.000735	0.000045	0.000236	0.000016	0.000000	-0.000081
176	-0.004437	-0.003587	-0.005162	0.010941	0.008558	-0.001179	0.003177	-0.000324	-0.000915	-0.000232	-0.000112	0.000531
177	0.001539	0.004505	0.006270	-0.006441	-0.003918	-0.000901	0.003862	0.001309	0.000354	-0.001005	-0.000984	-0.000181
178	0.001792	-0.000060	0.000201	-0.003879	-0.003924	0.018273	-0.033683	0.006088	0.010619	-0.005392	-0.004025	-0.003262
179	-0.000186	-0.000179	-0.000354	0.000452	0.000352	-0.020733	0.023631	-0.004836	-0.006850	0.006872	0.005370	0.001481
180	-0.000791	0.000038	-0.000029	0.001757	0.001467	0.003301	0.000397	-0.001682	-0.002664	0.000311	0.000178	0.000709
181	0.000649	-0.000312	-0.000305	-0.001757	-0.000870	0.000722	-0.000639	0.000290	0.000417	-0.000095	-0.000056	-0.000011
182	0.000729	-0.000367	-0.000383	-0.001235	-0.000704	-0.001889	0.000809	0.000883	0.001442	0.000127	0.000052	-0.000530
183	0.000041	0.000083	-0.000067	0.001425	0.000070	0.001318	-0.000902	-0.000867	-0.001033	-0.000017	0.000128	0.000475
184	0.000576	-0.000362	-0.000283	-0.001029	-0.001379	0.002514	-0.000274	-0.001005	-0.000904	-0.000097	-0.000188	0.000499
185	0.000683	-0.000547	-0.000448	-0.001366	-0.001777	0.005304	-0.001200	-0.001542	-0.001341	-0.000203	-0.000279	0.000574
186	-0.000182	0.000151	0.000123	0.000261	0.000374	-0.000154	0.000027	0.000104	0.000122	0.000009	0.000014	-0.000050
187	-0.000608	0.000578	0.000490	0.001432	0.001811	-0.004728	0.001095	0.001417	0.001223	0.000148	0.000225	-0.000530
188	-0.000493	0.000210	0.000145	0.000757	0.001038	-0.003072	0.000365	0.001061	0.000926	0.000154	0.000241	-0.000506
189	0.000046	-0.000063	-0.000061	-0.000011	-0.000038	-0.000009	0.000002	0.000004	-0.000001	-0.000009	0.000008	0.000001
190	-0.515545	-0.513204	-0.550068	0.132758	0.138075	0.000378	0.000323	-0.000262	-0.000231	0.000070	0.000023	0.000061
191	0.149208	-0.574805	-0.538880	-0.538159	-0.573886	0.000095	0.000497	-0.000170	-0.000031	-0.000035	-0.000108	0.000105
192	0.290053	0.154816	0.151909	-0.566023	-0.531405	0.000218	0.000108	-0.000126	-0.000113	0.000043	0.000006	0.000033
193	0.517698	0.527987	0.299182	0.159215	0.157332	-0.000046	-0.000080	-0.000015	0.000043	0.000014	0.000033	0.000013
194	0.149882	0.291809	0.521948	0.531460	0.302959	0.000424	0.000498	-0.000404	-0.000223	0.000036	-0.000034	0.000156
195	-0.551983	0.142709	0.143802	0.266093	0.515196	0.001267	-0.000652	-0.000396	-0.000390	0.000157	0.000122	0.000035
196	-0.002981	-0.004875	-0.004616	0.003760	0.014827	-0.000057	0.000033	0.000044	0.000004	-0.000017	0.000014	-0.000017
197	-0.057317	0.012158	0.000258	-0.005525	-0.005553	0.000150	0.000195	-0.000139	-0.000061	-0.000009	-0.000030	0.000066
198	0.118813	-0.066366	-0.056725	0.010442	-0.001014	0.000168	0.000071	-0.000132	-0.000057	0.000009	-0.000008	0.000057
199	-0.066550	0.118176	0.118665	-0.064758	-0.054375	0.000215	0.000097	-0.000159	-0.000081	0.000024	-0.000005	0.000056
200	0.007911	-0.053298	-0.062830	0.109973	0.122439	0.000004	-0.000122	0.000002	-0.000033	0.000040	0.000047	-0.000012
201	0.000007	-0.000091	-0.000075	-0.000079	-0.000111	0.233506	0.556183	0.514182	0.266221	0.145065	0.143923	-0.552833
202	0.000110	-0.000027	0.000029	-0.000121	-0.000320	0.141244	0.133865	0.302695	0.531185	0.520236	0.289877	0.150140
203	0.000065	-0.000024	-0.000004	-0.000077	-0.000138	-0.567708	-0.581974	0.156630	0.158456	0.298414	0.526741	0.517081
204	-0.000015	-0.000027	-0.000044	0.000062	0.000080	-0.586726	-0.564715	-0.532134	-0.566883	0.151374	0.154268	0.290016
205	0.000133	-0.000094	-0.000044	-0.000173	-0.000309	0.146279	0.135885	-0.573066	-0.537292	-0.538782	-0.574606	0.149438
206	0.000047	0.000011	0.000053	-0.000192	-0.000294	0.554076	0.238871	0.138813	0.133078	-0.551566	-0.514619	-0.516181
207	-0.000047	0.000008	0.000001	0.000010	0.000031	-0.049672	-0.079520	0.121692	0.110951	-0.062782	-0.053287	0.008065
208	0.000066	-0.000027	0.000011	-0.000069	-0.000147	-0.003625	0.008656	-0.054629	-0.064930	0.118685	0.118366	-0.066593
209	0.000053	-0.000014	0.000001	-0.000054	-0.000123	-0.004945	-0.005439	-0.001088	0.010381	-0.056796	-0.066469	0.118782
210	0.000071	-0.000020	0.000003	-0.000091	-0.000152	0.008530	-0.003259	-0.005497	-0.005466	0.000174	0.012067	-0.057183
211	-0.000025	0.000006	-0.000013	0.000020	0.000047	-0.080603	-0.050797	0.013558	0.003002	-0.004662	-0.004929	-0.002733
212	0.000134	-0.000111	-0.000066	-0.000174	-0.000184	0.000263	0.000278	-0.000128	-0.000046	-0.000040	-0.000089	0.000051
213	0.000060	-0.000142	-0.000084	0.000153	-0.000016	0.000473	0.000516	-0.000356	-0.000214	0.000031	-0.000066	0.000113
214	-0.000038	0.000041	0.000032	0.000089	0.000030	0.000113	-0.000150	-0.000006	0.000006	-0.000003	-0.000001	-0.000007
215	0.000050	0.000043	0.000029	-0.000232	-0.000185	0.000046	0.000169	-0.000101	-0.000074	0.000032	0.000007	0.000021
216	0.000181	-0.000031	0.000028	-0.000359	-0.000462	0.000339	0.000296	-0.000270	-0.000082	-0.000030	-0.000089	0.000105
217	-0.000018	0.000009	0.000045	0.000047	-0.000075	0.000711	0.000043	-0.000337	-0.000258	0.000091	0.000003	0.000013
218	-0.000006	0.000005	0.000013	-0.000010	0.000003	-0.000083	-0.000002	0.000047	0.000030	0.000017	-0.000001	-0.000028
219	0.000054	-0.000014	0.000015	-0.000096	-0.000151	0.000142	0.000187	-0.000133	-0.000065	0.000016	-0.000018	0.000058
220	0.000053	-0.000016	-0.000003	-0.000057	-0.000109	0.000126	0.000139	-0.000118	-0.000054	0.000004	-0.000015	0.000045
221	0.000057	-0.000003	0.000005	-0.000094	-0.000148	0.000160	0.000254	-0.000149	-0.000066	-0.000014	-0.000056	0.000059
222	-0.000018	0.000022	0.000016	-0.000016	-0.000005	0.000039	0.000016	0.000005	0.000019	-0.000025	-0.000045	-0.000021
223	0.000048	-0.000093	-0.000076	-0.000079	-0.000053	0.000481	-0.000037	-0.000196	-0.000096	0.000089	0.000056	-0.000019
224	0.000171	-0.000042	0.000042	-0.000235	-0.000451	0.000346	0.000545	-0.000298	-0.000219	-0.000047	-0.000103	0.000155

225	0.000021	0.000065	0.000038	-0.000022	-0.000066	0.000281	-0.000158	-0.000114	-0.000151	0.000007	0.000005	0.000048
226	0.000031	-0.000040	-0.000054	-0.000025	-0.000036	-0.000221	0.000161	0.000064	0.000113	0.000002	0.000005	-0.000040
227	0.000112	-0.000098	-0.000042	-0.000061	-0.000150	-0.000176	0.000858	-0.000093	0.000054	-0.000053	-0.000106	0.000048
228	0.000048	-0.000072	-0.000021	-0.000146	-0.000162	0.000596	-0.000053	-0.000293	-0.000289	0.000040	0.000023	0.000099
229	-0.000023	0.000001	-0.000034	0.000027	0.000052	0.000119	-0.000118	-0.000005	-0.000029	0.000019	0.000016	-0.000018
230	0.000073	-0.000040	-0.000028	-0.000057	-0.000121	0.000220	0.000138	-0.000142	-0.000078	0.000005	-0.000028	0.000042
231	0.000065	-0.000025	-0.000012	-0.000035	-0.000106	0.000184	0.000074	-0.000121	-0.000074	0.000011	-0.000005	0.000038
232	0.000094	-0.000024	0.000026	-0.000091	-0.000189	0.000146	0.000172	-0.000122	-0.000072	0.000003	-0.000017	0.000047
233	-0.000007	0.000002	-0.000006	0.000016	0.000040	0.000040	-0.000085	0.000005	-0.000022	0.000016	0.000028	-0.000015
234	0.018670	-0.106633	-0.022102	-0.309529	-0.344469	0.001508	0.000141	-0.000747	-0.000467	0.000038	-0.000031	0.000218
235	0.022927	-0.169694	-0.104803	-0.312116	-0.343697	0.000608	0.001001	-0.000530	-0.000373	0.000037	-0.000155	0.000212
236	-0.169625	0.006277	0.007846	-0.103466	-0.016648	-0.000540	-0.000563	0.000461	0.000229	0.000002	0.000083	-0.000185
237	-0.104446	0.008888	0.007916	-0.166087	-0.104009	-0.000670	-0.000054	0.000345	0.000235	-0.000042	-0.000004	-0.000086
238	-0.285532	-0.102329	-0.167234	0.009805	0.009609	-0.000073	0.000066	0.000013	0.000029	-0.000020	-0.000010	-0.000004
239	-0.314568	-0.014753	-0.102337	0.011143	0.008440	-0.000210	-0.000056	0.000104	0.000086	-0.000016	0.000014	-0.000038
240	0.559799	-0.313124	-0.284713	-0.105567	-0.171427	0.000180	0.000266	-0.000185	-0.000085	0.000001	-0.000044	0.000084
241	1.066890	-0.356223	-0.312861	-0.018499	-0.106503	0.000155	0.000290	-0.000180	-0.000073	-0.000008	-0.000050	0.000087
242	-0.356223	1.070360	0.560746	-0.304291	-0.279222	-0.000075	-0.000086	0.000089	0.000041	-0.000013	-0.000002	-0.000029
243	-0.312861	0.560746	1.070620	-0.345969	-0.307109	0.000037	0.000049	0.000002	-0.000010	-0.000006	-0.000022	0.000004
244	-0.018499	-0.304291	-0.345969	1.075750	0.568793	-0.000379	-0.000324	0.000212	0.000159	0.000007	0.000076	-0.000082
245	-0.106503	-0.279222	-0.307109	0.568793	1.086220	-0.000539	-0.000729	0.000415	0.000228	0.000021	0.000145	-0.000182
246	0.000155	-0.000075	0.000037	-0.000379	-0.000539	1.214890	0.456731	-0.339942	-0.308907	-0.105450	-0.169961	0.021359
247	0.000290	-0.000086	0.000049	-0.000324	-0.000729	0.456731	1.204700	-0.346435	-0.310938	-0.021962	-0.106758	0.019166
248	-0.000180	0.000089	0.000002	0.000212	0.000415	-0.339942	-0.346435	1.084010	0.567768	-0.306700	-0.278982	-0.106084
249	-0.000073	0.000041	-0.000010	0.000159	0.000228	-0.308907	-0.310938	0.567768	1.074580	-0.345893	-0.304329	-0.018050
250	-0.000008	-0.000013	-0.000006	0.000007	0.000021	-0.105450	-0.021962	-0.306700	-0.345893	1.070280	0.560626	-0.313145
251	-0.000050	-0.000002	-0.000022	0.000076	0.000145	-0.169961	-0.106758	-0.278982	-0.304329	0.560626	1.070070	-0.356667
252	0.000087	-0.000029	0.000004	-0.000082	-0.000182	0.021359	0.019166	-0.106084	-0.018050	-0.313145	-0.356667	1.067290
253	0.000087	-0.000027	0.000008	-0.000087	-0.000185	0.024080	0.016421	-0.171084	-0.105283	-0.285035	-0.313455	0.560003
254	-0.000001	0.000022	0.000013	0.000013	0.000028	-0.108742	-0.166968	0.007864	0.010653	-0.102076	-0.014464	-0.314244
255	0.000024	0.000013	0.000026	-0.000047	-0.000080	-0.023800	-0.102364	0.009124	0.009403	-0.166924	-0.101991	-0.285397
256	-0.000121	0.000015	-0.000049	0.000180	0.000337	-0.311197	-0.305582	-0.103518	-0.165829	0.008175	0.009241	-0.104297
257	-0.000210	0.000052	-0.000050	0.000273	0.000544	-0.348945	-0.336166	-0.016092	-0.103235	0.008097	0.006680	-0.169918
258	0.000463	-0.000124	-0.000001	-0.000999	-0.001071	0.000670	0.000914	-0.000724	-0.000354	0.000115	-0.000020	0.000219
259	-0.000006	-0.000223	-0.000086	0.000554	0.000150	0.001098	0.000627	-0.000503	-0.000316	-0.000094	-0.000214	0.000218
260	-0.000239	0.000031	-0.000059	0.000511	0.000659	-0.000654	-0.000558	0.000500	0.000245	-0.000016	0.000074	-0.000188
261	-0.000160	0.000038	-0.000019	0.000357	0.000396	-0.000309	-0.000283	0.000246	0.000136	-0.000015	0.000021	-0.000101
262	0.000048	0.000045	0.000047	-0.000221	-0.000192	-0.000010	0.000006	0.000002	0.000011	0.000001	0.000005	0.000011
263	0.000013	0.000056	0.000038	-0.000162	-0.000091	-0.000110	-0.000119	0.000078	0.000042	0.000002	0.000033	-0.000015
264	0.000073	-0.000064	-0.000027	-0.000031	-0.000112	0.000183	0.000266	-0.000187	-0.000095	0.000006	-0.000027	0.000081
265	0.000073	-0.000071	-0.000038	-0.000030	-0.000098	0.000166	0.000254	-0.000181	-0.000091	0.000008	-0.000026	0.000078
266	-0.000074	0.000024	0.000005	0.000147	0.000143	-0.000079	-0.000105	0.000089	0.000044	-0.000013	0.000001	-0.000039
267	-0.000036	0.000014	0.000014	0.000089	0.000045	0.000081	0.000039	-0.000024	-0.000017	-0.000015	-0.000022	-0.000002
268	-0.000043	0.000168	0.000108	-0.000214	-0.000064	-0.000489	-0.000354	0.000272	0.000170	0.000003	0.000063	-0.000084
269	-0.000112	0.000106	0.000019	-0.000001	0.000235	-0.000548	-0.000686	0.000432	0.000224	0.000018	0.000114	-0.000178
270	0.000140	-0.000310	-0.000154	-0.000280	-0.000271	-0.000648	0.001836	-0.000083	0.000289	-0.000025	-0.000171	0.000002
271	0.000340	0.000016	0.000214	-0.000508	-0.000935	0.001639	0.000347	-0.000887	-0.000800	-0.000046	-0.000136	0.000397
272	-0.000182	0.000139	0.000036	0.000248	0.000390	0.000264	-0.001363	0.000172	-0.000059	0.000096	0.000194	-0.000113
273	-0.000090	0.000117	0.000058	0.000108	0.000143	0.000281	-0.000937	0.000047	-0.000102	0.000068	0.000129	-0.000037
274	0.000000	-0.000023	-0.000043	0.000007	0.000034	-0.000149	0.000186	0.000053	0.000091	-0.000014	-0.000025	-0.000025

275	-0.000036	-0.000005	-0.000049	0.000063	0.000128	-0.000403	0.000197	0.000166	0.000177	-0.000031	-0.000030	-0.000056
276	0.000092	-0.000034	0.000017	-0.000099	-0.000213	-0.000216	0.000675	-0.000052	0.000022	-0.000076	-0.000117	0.000074
277	0.000088	-0.000045	0.000006	-0.000079	-0.000190	-0.000168	0.000589	-0.000058	0.000019	-0.000062	-0.000098	0.000063
278	-0.000035	0.000078	0.000063	-0.000021	0.000006	0.000441	-0.000600	-0.000096	-0.000162	0.000067	0.000092	0.000003
279	0.000018	0.000035	0.000075	-0.000077	-0.000113	0.000571	-0.000504	-0.000187	-0.000218	0.000077	0.000085	0.000032
280	-0.000110	0.000010	-0.000094	0.000280	0.000370	-0.000600	-0.000197	0.000349	0.000303	-0.000015	0.000036	-0.000139
281	-0.000227	0.000023	-0.000128	0.000357	0.000648	-0.001010	-0.000232	0.000576	0.000439	-0.000038	0.000038	-0.000203
282	0.000057	0.000330	0.000033	-0.002701	-0.004414	-0.000763	0.000504	0.000144	0.000329	0.000017	-0.000020	0.000006
283	0.000266	0.001655	0.001146	-0.003526	-0.003393	-0.000195	0.000522	-0.000060	0.000011	0.000023	-0.000050	0.000041
284	-0.000717	0.002692	0.003255	-0.000886	-0.001366	-0.000020	-0.000076	0.000053	0.000012	-0.000026	0.000000	-0.000019
285	-0.000575	0.000501	-0.000468	0.001105	0.000870	-0.000037	-0.000096	0.000050	0.000021	-0.000015	0.000012	-0.000023
286	0.000884	0.000254	0.000432	0.000387	0.001296	0.000031	-0.000212	0.000049	0.000011	-0.000014	0.000015	-0.000026
287	0.000793	0.000687	0.000874	0.001974	0.001260	-0.000038	-0.000064	0.000032	0.000014	-0.000033	-0.000029	0.000000
288	0.000022	0.000072	0.000030	-0.000156	-0.000194	-0.011070	0.022344	-0.002344	-0.004210	0.000365	-0.000374	0.001768
289	0.000054	-0.000007	0.000001	-0.000138	-0.000187	-0.002346	-0.000315	0.000824	0.001451	0.000800	0.000808	0.000484
290	-0.000022	0.000005	0.000002	0.000042	0.000058	-0.000636	-0.002012	-0.000126	0.000997	-0.000501	-0.000350	-0.000572
291	-0.000020	0.000020	0.000016	0.000023	0.000046	0.000508	-0.003342	0.000251	-0.000333	0.000962	0.000216	-0.000154
292	-0.000026	0.000020	0.000013	0.000054	0.000090	0.000927	-0.000855	0.001460	0.001290	-0.003453	-0.002886	0.001092
293	0.000000	0.000003	0.000001	0.000060	0.000077	0.003961	-0.001205	-0.005195	-0.004677	0.000971	0.001426	-0.000024
294	-0.000060	0.000089	0.000070	0.000034	-0.000123	0.000124	-0.000099	0.000140	0.000008	-0.000124	-0.000128	-0.000020
295	-0.000030	0.000037	0.000015	0.000011	0.000000	0.000176	0.000032	-0.000027	-0.000047	-0.000040	-0.000053	-0.000002
296	-0.000003	0.000003	0.000000	0.000019	0.000031	-0.000052	-0.000172	0.000056	0.000025	0.000020	0.000042	-0.000016
297	-0.000003	0.000005	0.000003	-0.000003	0.000000	0.000014	-0.000152	0.000021	0.000002	0.000021	0.000040	-0.000017
298	0.000012	-0.000019	-0.000004	-0.000013	-0.000012	-0.000085	-0.000030	0.000031	0.000031	0.000007	0.000020	-0.000011
299	-0.000005	-0.000002	-0.000009	0.000018	0.000061	-0.000100	-0.000235	0.000069	0.000062	0.000017	0.000045	-0.000027
300	-0.000042	0.000019	0.000052	0.000177	0.000184	-0.000174	0.000152	-0.000088	0.000021	-0.000014	0.000027	0.000086
301	-0.000008	-0.000016	0.000019	0.000038	0.000032	-0.000200	0.000072	0.000048	0.000059	-0.000021	0.000001	0.000004
302	-0.000024	0.000018	-0.000010	0.000028	0.000057	-0.000025	-0.000064	0.000042	0.000016	-0.000003	0.000002	-0.000015
303	-0.000019	-0.000005	-0.000018	0.000033	0.000054	0.000002	0.000002	0.000002	-0.000003	0.000002	-0.000003	0.000002
304	-0.000004	0.000012	0.000005	-0.000022	-0.000013	0.000003	0.000095	-0.000001	-0.000009	-0.000006	-0.000020	0.000002
305	-0.000024	0.000000	-0.000017	0.000072	0.000082	-0.000043	-0.000072	0.000068	0.000023	-0.000002	-0.000003	-0.000032
306	-0.001347	0.006817	0.007763	0.008174	0.004969	-0.001335	0.001975	0.000171	0.000249	-0.000089	-0.000260	0.000031
307	0.000030	-0.000060	-0.000486	-0.001735	-0.001560	-0.000353	0.000282	0.000066	0.000144	-0.000013	-0.000023	0.000009
308	0.000654	0.000908	0.000768	-0.001425	-0.002035	-0.000095	0.000044	0.000029	0.000040	0.000009	-0.000002	-0.000008
309	-0.000844	0.000219	0.000191	-0.000642	-0.000491	0.000028	-0.000014	-0.000005	-0.000009	0.000000	0.000009	-0.000002
310	-0.001090	-0.000231	-0.000651	0.002019	0.001873	0.000029	-0.000107	0.000012	-0.000004	-0.000001	0.000022	-0.000008
311	0.000018	-0.000214	-0.001264	0.002762	0.002046	0.000082	0.000011	-0.000021	-0.000028	-0.000010	-0.000022	0.000009
312	0.000735	0.000714	0.001168	-0.000099	-0.000946	0.000303	-0.000212	-0.000079	-0.000142	0.000013	0.000016	0.000001
313	0.000117	-0.000045	-0.000067	-0.000265	-0.000278	-0.000789	-0.042177	0.003214	0.007859	0.006263	0.005940	-0.002464
314	0.000021	0.000039	0.000025	-0.000070	-0.000083	-0.001810	0.005278	-0.001879	-0.000172	0.001979	0.001568	0.000831
315	0.000000	0.000011	0.000002	-0.000032	-0.000038	-0.001202	0.003438	0.000920	0.001586	-0.002101	-0.001067	-0.000552
316	-0.000010	-0.000006	0.000001	0.000008	0.000009	-0.000565	0.002355	0.001078	0.001165	-0.000980	-0.000718	-0.001553
317	-0.000011	0.000006	-0.000005	0.000028	0.000038	-0.000401	-0.002257	0.000197	0.000084	-0.000093	0.000140	-0.000109
318	0.000013	-0.000017	-0.000002	-0.000001	-0.000012	-0.000662	-0.006430	0.000243	0.001013	0.000322	0.000878	0.000498
319	-0.000012	-0.000033	-0.000021	0.000067	0.000083	0.002560	-0.001954	0.000281	0.000141	-0.001602	-0.001188	0.000405
320	-0.000028	0.000224	0.000173	-0.000270	-0.000295	0.000418	-0.000744	0.000026	0.000004	-0.000041	-0.000025	-0.000009
321	-0.000030	0.000034	0.000018	0.000003	-0.000052	0.000329	-0.000279	-0.000016	-0.000073	-0.000017	-0.000008	-0.000006
322	-0.000021	0.000034	0.000019	0.000012	0.000002	-0.000041	-0.000043	0.000049	0.000011	-0.000011	-0.000007	-0.000014
323	0.000014	-0.000018	-0.000002	0.000002	-0.000015	-0.000080	0.000143	0.000005	0.000019	-0.000014	-0.000021	0.000009
324	0.000009	-0.000010	-0.000006	-0.000013	-0.000013	0.000022	-0.000024	-0.000007	-0.000004	0.000007	0.000008	0.000002

325	-0.000013	0.000013	-0.000006	0.000012	0.000043	0.000138	-0.000159	-0.000057	-0.000056	0.000046	0.000050	0.000006
326	0.000040	-0.000055	-0.000025	-0.000013	0.000039	-0.000367	0.000362	0.000025	0.000102	-0.000011	-0.000021	0.000002
327	-0.000041	-0.000078	-0.000007	0.000398	0.000299	-0.000270	0.000264	0.000087	0.000064	-0.000050	-0.000038	-0.000010
328	-0.000017	0.000005	0.000016	0.000050	0.000055	-0.000076	0.000133	-0.000071	0.000001	0.000000	0.000005	0.000051
329	-0.000025	0.000004	0.000001	0.000063	0.000069	-0.000058	-0.000085	0.000034	0.000025	-0.000004	0.000018	-0.000007
330	0.000017	0.000010	0.000014	-0.000044	-0.000045	0.000012	0.000079	-0.000012	-0.000011	-0.000005	-0.000016	0.000009
331	0.000000	-0.000014	-0.000022	0.000008	0.000020	0.000082	-0.000025	-0.000042	-0.000024	0.000011	0.000008	0.000007
332	-0.000001	0.000018	0.000005	-0.000025	-0.000044	-0.000006	-0.000115	0.000031	0.000013	0.000007	0.000013	-0.000018
333	0.000026	-0.000022	-0.000013	-0.000052	-0.000056	0.000051	0.000006	0.000058	-0.000007	-0.000009	-0.000027	-0.000042

	253	254	255	256	257	258	259	260	261	262	263	264
1	-0.000513	0.000216	-0.000082	0.000842	0.001240	-0.000494	-0.005166	0.001397	0.002681	-0.000663	-0.000194	-0.000483
2	0.001540	-0.001320	-0.000938	-0.001247	-0.003302	0.001641	0.018770	-0.005720	-0.011443	0.004161	0.001772	0.001239
3	0.001259	-0.000348	-0.000007	-0.001888	-0.002265	0.003648	0.003046	-0.002416	-0.002131	0.000173	-0.000218	0.001358
4	0.001181	-0.000287	0.000377	-0.004051	-0.003703	0.003438	0.003148	-0.002081	-0.001953	-0.000049	-0.000432	0.001233
5	0.000908	0.000232	0.000907	-0.000745	0.000312	0.021202	-0.012871	-0.004146	-0.003597	0.000123	-0.000465	0.001446
6	0.001270	-0.000017	0.000368	-0.002208	-0.002565	-0.015745	0.016998	0.000772	-0.000242	0.000717	0.000111	0.000746
7	0.000136	0.000270	0.000573	-0.001330	-0.000889	0.003154	-0.001571	-0.000419	0.000045	-0.000474	-0.000364	0.000191
8	0.000195	0.000156	0.000182	0.000048	-0.000293	0.004096	0.004044	-0.002599	-0.002102	0.000331	-0.000230	0.000596
9	0.000613	-0.000571	-0.000048	-0.001898	-0.002133	-0.000265	0.000174	0.000313	0.000188	-0.000265	-0.000247	0.000273
10	-0.000713	0.000929	0.000288	0.004205	0.005487	0.000109	-0.001341	-0.000265	0.000183	0.000153	0.000224	0.000167
11	0.003515	-0.001932	0.000087	-0.013479	-0.015559	0.003992	0.004488	-0.002014	-0.001997	-0.000162	-0.000674	0.000547
12	0.003125	-0.001826	-0.000356	-0.008353	-0.006435	-0.013627	-0.005838	0.005664	0.004425	0.000313	0.001080	-0.000764
13	-0.000764	0.001000	0.000618	0.003053	0.003250	0.053561	-0.006503	-0.016543	-0.013000	-0.000037	-0.001904	0.003724
14	0.000565	-0.000107	0.000464	-0.002175	-0.002590	-0.007899	0.042180	-0.005329	-0.007589	-0.000714	-0.001994	0.002830
15	0.000183	-0.000017	-0.000060	0.000097	0.000190	-0.005551	-0.010913	0.003219	0.003235	0.000554	0.000946	-0.000645
16	-0.000114	-0.000149	-0.000071	-0.000103	-0.000102	-0.000179	0.000606	0.000463	0.000107	-0.000305	-0.000303	-0.000148
17	0.000130	-0.000027	0.000050	0.000049	-0.000299	-0.000277	0.000391	-0.000367	0.000247	0.000109	-0.000007	0.000116
18	-0.000143	0.000157	0.000214	-0.000279	-0.000322	0.000995	0.000421	-0.000143	-0.000396	-0.000053	-0.000094	-0.000089
19	-0.002026	0.001352	0.000768	0.004290	0.005364	0.000622	0.000498	-0.000196	-0.000108	-0.000010	-0.000056	-0.000121
20	0.001124	-0.000886	0.000271	-0.003514	-0.004259	0.000316	-0.000175	-0.000455	-0.000058	0.000053	0.000013	0.000123
21	0.000631	-0.001549	-0.001693	-0.003248	-0.004164	0.000503	-0.000111	-0.000136	0.000052	0.000057	0.000028	-0.000146
22	0.000155	-0.000505	-0.001194	-0.003488	-0.000623	-0.018989	0.003001	0.005022	0.004144	0.000764	0.001370	-0.001929
23	0.001036	-0.000610	0.000720	-0.004603	-0.004302	0.006844	0.007837	-0.004305	-0.003413	0.000295	-0.000822	0.001243
24	-0.001771	-0.000241	-0.000611	0.003437	0.003813	0.023489	-0.005770	-0.004185	-0.002791	-0.001752	-0.001600	0.000453
25	-0.000159	-0.000260	-0.000266	0.000002	0.000443	-0.002246	0.014475	-0.000531	-0.003333	-0.001238	-0.000477	0.000098
26	0.000080	0.000065	0.000163	0.000123	-0.000405	0.007074	0.007926	-0.004189	-0.004584	0.000662	-0.000704	0.001066
27	-0.000132	-0.000035	0.000011	-0.000504	-0.000163	0.000379	-0.012453	0.004090	0.004239	-0.000919	-0.000534	-0.001720
28	-0.001104	0.000601	-0.000269	0.003858	0.004371	-0.001310	0.000217	0.000461	0.000891	0.000043	0.000076	-0.000317
29	0.000298	-0.000427	0.000663	-0.003179	-0.004221	0.000671	-0.001345	0.000055	0.000201	-0.000240	-0.000102	-0.000232
30	0.005752	0.003003	0.004360	-0.009132	-0.006196	-0.007342	-0.007265	0.004166	0.003993	-0.000323	0.000613	-0.001187
31	0.005127	0.002024	0.001982	-0.004880	0.000166	0.007626	0.005148	-0.004592	-0.003139	0.000643	-0.000300	0.000384
32	0.000166	-0.000644	0.000423	-0.003328	-0.002933	0.021463	-0.018962	-0.006738	-0.008491	0.003853	0.002686	0.005905
33	-0.001172	0.000384	-0.000509	0.004088	0.004409	-0.014156	0.007641	0.000015	-0.004847	0.001788	0.001871	0.004950
34	-0.000303	0.000033	0.000086	0.000685	0.000337	0.004642	0.008489	-0.002580	-0.002998	0.000252	-0.000828	0.000189
35	-0.000278	-0.000182	-0.000281	0.000349	0.000496	-0.008201	-0.006578	0.004513	0.004589	-0.000613	0.000245	-0.001166
36	0.000041	0.000027	0.000031	-0.000089	-0.000148	-0.000018	0.000258	-0.000053	0.000015	-0.000013	-0.000055	0.000051
37	0.000059	-0.000049	-0.000013	-0.000030	-0.000093	0.000227	-0.000029	-0.000119	-0.000067	0.000009	0.000010	0.000048
38	0.000170	-0.000115	-0.000028	-0.000236	-0.000336	0.000336	-0.000094	-0.000161	-0.000115	0.000030	0.000030	0.000050

39	-0.001658	0.000203	0.000110	0.002164	0.001933	0.000135	0.000116	-0.000118	-0.000030	-0.000002	-0.000031	0.000045
40	-0.001874	0.000198	0.000307	0.000475	0.001072	0.000421	0.000612	-0.000339	-0.000224	-0.000024	-0.000102	0.000160
41	0.000155	-0.000051	0.000039	-0.000270	-0.000406	-0.007815	0.003881	0.001941	0.002156	0.000159	0.000252	-0.001640
42	0.000031	0.000011	0.000033	-0.000104	-0.000142	0.002793	-0.004074	0.001045	0.000557	0.000282	0.000142	-0.001835
43	0.000039	0.000009	0.000012	-0.000074	-0.000116	0.000636	0.000354	-0.000412	-0.000215	0.000042	-0.000075	0.000155
44	0.000039	-0.000012	0.000043	-0.000077	-0.000116	0.000603	0.000446	-0.000328	-0.000265	0.000029	-0.000035	0.000105
45	0.000385	-0.024753	-0.015915	-0.099854	-0.128761	0.000252	0.000175	-0.000117	0.000000	-0.000049	-0.000048	0.000027
46	0.000076	-0.000073	-0.000027	-0.000098	-0.000072	0.267345	0.273540	-0.127235	-0.099043	-0.016747	-0.025211	0.000341
47	0.000074	0.000068	0.000138	-0.000413	-0.000475	0.000261	0.000158	0.000001	-0.000004	-0.000110	-0.000124	0.000031
48	-0.000379	0.000446	0.000152	-0.000431	0.000521	-0.003399	-0.000277	0.001261	0.000859	0.000012	0.000155	-0.000348
49	0.000307	0.000045	0.000575	-0.001371	-0.001025	0.000959	0.000353	-0.000601	-0.000259	-0.000078	-0.000132	0.000173
50	0.000303	-0.000293	-0.000032	0.000503	-0.000465	-0.001903	0.000803	-0.000172	-0.000246	0.000414	0.000322	-0.000045
51	0.000210	0.000124	0.000305	-0.001070	-0.000760	0.001484	0.000120	-0.000539	-0.000123	-0.000158	-0.000203	0.000277
52	-0.000484	0.000304	-0.000072	0.000255	0.000941	-0.001898	-0.000593	0.001106	0.000635	-0.000009	0.000112	-0.000309
53	0.000026	0.000161	0.000268	-0.000573	-0.000349	-0.001994	0.000657	0.000274	0.000265	0.000089	0.000058	-0.000021
54	0.000046	0.000037	0.000116	-0.000260	-0.000239	0.000382	-0.000001	-0.000131	-0.000066	-0.000021	-0.000033	0.000044
55	-0.000172	0.000161	0.000211	-0.000376	0.000174	0.000092	-0.000324	0.000254	0.000085	-0.000057	-0.000011	-0.000123
56	0.000066	-0.000048	0.000032	-0.000095	-0.000128	0.000455	-0.000164	-0.000194	-0.000131	0.000043	0.000028	0.000055
57	0.000005	-0.000024	-0.000038	0.000091	0.000035	-0.000080	0.000038	0.000012	0.000011	0.000022	0.000022	-0.000009
58	0.000057	-0.000038	-0.000044	0.000061	-0.000087	-0.000074	0.000268	-0.000066	0.000009	-0.000019	-0.000042	0.000069
59	0.000081	-0.000024	0.000033	-0.000049	-0.000214	-0.000049	0.000202	-0.000072	-0.000009	0.000000	-0.000017	0.000058
60	-0.000009	0.000013	0.000016	-0.000044	-0.000085	-0.000132	-0.001615	0.000202	0.001575	-0.000558	-0.000450	0.000149
61	-0.000203	0.000113	-0.000007	0.000979	-0.000830	0.007993	-0.000517	-0.002066	-0.001912	0.000004	-0.000144	0.000382
62	-0.000264	0.000438	0.000600	-0.002012	-0.000401	-0.008076	0.007356	0.001283	-0.001071	0.000533	0.000144	0.000219
63	-0.000460	0.000543	0.000534	-0.002108	-0.000421	-0.008217	0.003225	0.001975	0.001406	-0.000307	-0.000297	0.000083
64	-0.000073	-0.000022	0.000013	0.001218	-0.000406	0.003500	-0.002324	-0.000709	0.002440	-0.001225	-0.001008	0.000813
65	-0.000185	0.000430	-0.000091	0.001510	0.000235	0.004262	-0.003294	-0.000583	0.000281	-0.000061	0.000049	0.000017
66	0.000528	-0.000607	-0.000438	-0.001232	0.000721	-0.009382	0.002505	0.002298	0.000487	0.000673	0.000684	-0.000732
67	0.000793	-0.001111	-0.000470	-0.000284	0.001106	-0.004123	0.000742	0.000667	0.000139	0.000385	0.000398	-0.000431
68	-0.000144	0.000206	-0.000157	0.001957	0.000044	0.014197	-0.007606	-0.002969	-0.001971	0.000051	0.000199	-0.000245
69	-0.000102	-0.000205	-0.000171	0.000075	-0.000749	-0.002733	-0.001714	0.001609	0.001982	-0.000248	0.000031	-0.001135
70	0.001455	0.000645	0.000880	-0.002451	-0.001150	0.003092	-0.001350	-0.001090	0.000053	-0.000085	-0.000058	-0.000170
71	-0.000182	-0.000420	-0.000495	0.000560	0.000297	0.001563	-0.000098	-0.001064	-0.002771	0.000932	0.000595	0.001450
72	-0.001080	-0.000118	-0.000318	0.001994	0.001794	-0.001468	0.002464	0.000490	0.000639	-0.000504	-0.000448	-0.000271
73	0.000228	0.000040	0.000001	-0.000269	0.000023	0.003320	0.000334	-0.001462	-0.001386	0.000025	-0.000020	0.000747
74	-0.000093	-0.000071	0.000031	-0.000054	-0.000226	-0.000161	0.000886	-0.000026	0.000009	-0.000054	-0.000133	-0.000080
75	-0.000075	0.000043	0.000117	-0.000089	-0.000268	0.000076	0.001024	-0.000138	-0.000151	0.000030	-0.000091	-0.000102
76	0.000761	-0.000362	-0.000231	-0.001196	-0.001025	0.000542	-0.000264	-0.000124	-0.000410	0.000065	0.000074	0.000339
77	-0.002311	0.001281	0.000618	0.005086	0.006354	0.000615	-0.000660	-0.000013	-0.000339	0.000022	0.000056	0.000260
78	0.000418	-0.000063	0.000263	-0.001857	-0.002176	0.000193	0.000794	-0.000280	-0.000103	0.000033	-0.000067	-0.000098
79	0.001733	-0.001081	-0.000362	-0.004660	-0.005700	0.000170	0.000504	-0.000263	-0.000087	0.000066	-0.000001	-0.000069
80	0.000410	0.000823	-0.000097	0.000646	0.001734	0.001904	0.001733	-0.000589	-0.000999	-0.000296	-0.000404	0.000669
81	0.000251	0.001895	0.001278	0.003732	0.004348	-0.022320	0.003367	0.006499	0.004989	0.000677	0.001340	-0.002346
82	0.001595	-0.000750	-0.000444	-0.002636	-0.003043	0.004859	0.001887	-0.002341	-0.001830	0.000293	-0.000014	0.000478
83	0.000421	-0.000539	-0.000395	-0.001235	-0.001175	0.016442	0.000429	-0.005772	-0.004501	-0.000336	-0.001043	0.001753
84	-0.002131	0.000663	0.000359	0.002968	0.003452	0.014391	-0.026283	0.001616	0.001257	-0.000452	0.000529	0.000543
85	0.000740	0.000005	0.000079	-0.001282	-0.001334	-0.026874	0.008322	0.004724	0.004350	0.000991	0.001793	0.000157
86	-0.000070	-0.000142	-0.000059	0.000072	-0.000008	0.001339	0.011483	-0.002797	-0.002829	-0.000447	-0.000749	0.001568
87	-0.000098	-0.000078	0.000031	-0.000113	-0.000145	0.001168	0.004892	-0.000872	-0.001077	-0.000537	-0.000673	0.000443
88	0.000240	0.000285	0.000271	-0.000629	-0.000325	0.001741	-0.015202	0.003240	0.003218	0.000285	0.000616	-0.001997

89	-0.000221	0.000226	0.000092	0.000826	0.000832	-0.000954	-0.001109	0.000660	0.000787	-0.000158	-0.000006	-0.000253
90	-0.006095	0.002337	-0.000891	0.016872	0.016757	-0.001219	-0.002266	0.000776	0.000895	0.000032	0.000209	-0.000200
91	-0.000214	0.000047	-0.000046	0.001038	0.000876	-0.029469	-0.028722	0.017024	0.016385	-0.000569	0.002551	-0.006156
92	-0.000227	-0.000026	-0.000147	0.000733	0.000704	-0.003147	-0.000113	0.001075	0.001337	-0.000182	-0.000078	-0.000185
93	0.000047	0.000033	-0.000026	0.000040	0.000128	0.000039	-0.000371	0.000017	0.000019	0.000014	0.000049	0.000049
94	0.000046	0.000038	-0.000005	0.000014	0.000098	0.000125	-0.000520	0.000009	-0.000029	0.000040	0.000085	0.000031
95	0.000032	-0.000037	-0.000079	0.000100	0.000192	-0.000047	-0.000488	0.000074	0.000070	-0.000016	0.000044	0.000046
96	0.000046	-0.000009	-0.000042	0.000000	0.000083	-0.000013	-0.000563	0.000067	0.000083	-0.000013	0.000048	0.000052
97	-0.000286	0.000084	-0.000113	0.001027	0.001215	-0.000150	-0.000391	0.000162	0.000090	-0.000033	0.000021	0.000050
98	-0.000134	-0.000021	-0.000148	0.000841	0.000969	-0.000041	-0.000405	0.000120	0.000015	-0.000001	0.000045	0.000048
99	-0.000529	0.001467	0.001087	0.002779	0.003852	-0.000081	-0.000289	0.000138	0.000026	-0.000017	0.000022	0.000025
100	-0.001200	-0.000398	-0.000736	0.001881	0.001839	-0.000086	-0.000201	0.000127	0.000060	-0.000054	-0.000026	0.000046
101	-0.001329	0.000465	0.000228	0.000940	0.000707	-0.002433	-0.001385	0.001308	0.001040	-0.000129	0.000071	-0.000323
102	-0.000270	0.000249	0.000173	0.001706	0.002350	-0.002484	-0.000540	0.001079	0.000840	-0.000168	-0.000057	-0.000170
103	-0.000132	0.000224	0.000204	0.000583	0.000438	-0.012633	-0.000922	0.003902	0.002683	0.001099	0.001468	-0.000519
104	-0.000296	0.000315	0.000189	0.000655	0.000739	-0.003790	0.000470	0.001869	0.001815	-0.000759	-0.000420	-0.001234
105	0.000047	0.000053	0.000019	-0.000015	0.000006	0.000681	-0.002433	0.000577	0.001105	0.000263	0.000504	-0.001319
106	0.000024	0.000086	0.000037	-0.000053	0.000005	-0.002061	-0.009016	0.002228	0.001731	0.000175	0.000237	-0.000247
107	0.000044	0.000046	-0.000014	0.000048	0.000063	-0.000274	-0.002375	0.000239	0.000449	0.000307	0.000318	-0.000130
108	0.000053	0.000035	-0.000015	0.000065	0.000081	-0.000884	-0.002483	0.000641	0.000627	0.000220	0.000345	-0.000299
109	0.000088	-0.000243	-0.000232	-0.000081	-0.000037	-0.000419	0.001641	0.000175	-0.000217	-0.000110	-0.000200	0.000124
110	0.000137	0.000007	0.000133	-0.000728	-0.000782	0.001404	-0.000587	-0.000841	-0.000573	0.000275	0.000213	0.000123
111	0.003049	0.002648	0.006058	-0.015134	-0.014607	0.000231	0.001638	0.000002	-0.000308	-0.000153	-0.000222	0.000024
112	0.002983	-0.004680	-0.004786	-0.002057	-0.002415	0.000903	0.000713	-0.000742	-0.000558	0.000102	-0.000006	0.000183
113	0.000106	-0.000078	-0.000003	-0.000515	-0.000358	0.028185	0.006960	-0.015670	-0.014676	0.005959	0.002567	0.003516
114	0.000118	0.000022	0.000040	-0.000516	-0.000515	0.001203	0.021829	-0.001502	-0.001856	-0.005197	-0.004972	0.002615
115	0.000117	-0.000124	-0.000065	-0.000232	-0.000040	0.001856	-0.000141	-0.000411	-0.000658	0.000085	0.000009	0.000080
116	0.000105	0.000155	0.000216	-0.000506	-0.000668	0.001255	0.000327	-0.000641	-0.000656	0.000069	0.000044	0.000121
117	0.000429	-0.000469	0.000083	0.000328	-0.000434	0.003864	-0.001447	-0.001216	-0.000908	-0.000011	0.000010	-0.000068
118	0.000108	-0.000219	-0.000114	0.000645	0.000048	-0.002143	-0.000136	0.000234	-0.000021	0.000365	0.000372	-0.000264
119	0.000330	-0.000325	0.000012	0.000067	-0.000457	-0.000326	0.001043	-0.000614	-0.000528	0.000281	0.000146	0.000108
120	-0.000100	-0.000054	-0.000161	0.000510	0.000411	-0.001677	-0.000074	0.000442	0.000182	0.000174	0.000198	-0.000183
121	0.000085	0.000033	0.000140	-0.000346	-0.000359	0.001128	0.000159	-0.000333	-0.000135	-0.000136	-0.000157	0.000149
122	0.000014	0.000021	0.000019	-0.000159	-0.000049	0.000560	-0.000088	-0.000111	-0.000048	-0.000039	-0.000041	0.000034
123	-0.000162	0.000048	-0.000121	0.000256	0.000467	-0.001008	-0.000148	0.000346	0.000093	0.000126	0.000157	-0.000179
124	0.000125	-0.000073	0.000089	-0.000073	-0.000304	0.000350	0.000251	-0.000198	-0.000070	-0.000059	-0.000078	0.000082
125	0.000040	0.000023	0.000034	-0.000190	-0.000168	0.000641	-0.000099	-0.000144	-0.000020	-0.000067	-0.000079	0.000096
126	0.000198	-0.000298	-0.000207	0.000522	-0.000074	0.000015	0.000341	-0.000441	-0.000436	0.000282	0.000188	0.000034
127	0.000079	-0.000216	-0.000242	0.000716	0.000146	-0.000844	0.000183	-0.000059	-0.000204	0.000282	0.000240	-0.000075
128	-0.000017	0.000005	-0.000032	0.000052	0.000081	-0.000120	-0.000123	0.000059	0.000025	0.000031	0.000034	-0.000033
129	0.000024	-0.000016	0.000015	0.000006	-0.000067	0.000030	0.000125	-0.000037	-0.000004	-0.000030	-0.000032	0.000031
130	0.000058	-0.000006	0.000070	-0.000097	-0.000193	-0.000066	0.000205	-0.000024	0.000013	-0.000033	-0.000038	0.000038
131	-0.000030	0.000023	-0.000009	0.000003	0.000056	0.000027	-0.000101	0.000011	-0.000003	0.000018	0.000022	-0.000019
132	-0.000023	0.000000	-0.000029	0.000016	0.000082	-0.000035	-0.000038	0.000027	0.000013	0.000010	0.000011	-0.000018
133	-0.000014	-0.000005	-0.000017	0.000022	0.000048	0.000162	-0.000076	-0.000034	-0.000043	0.000005	0.000006	-0.000002
134	0.000156	-0.000097	-0.000041	0.000285	0.000252	-0.000145	-0.001701	-0.000012	0.000352	0.000309	0.000259	-0.000267
135	-0.000022	0.000068	0.000065	-0.000045	0.000033	0.001145	-0.002978	-0.000480	-0.000359	0.000719	0.000656	-0.000520
136	-0.000032	0.000048	0.000048	0.000077	0.000146	0.000880	-0.001797	-0.000285	-0.000302	0.000398	0.000382	-0.000334
137	0.000136	-0.000099	-0.000142	0.000408	0.000277	0.000591	-0.001020	0.000112	0.000084	0.000034	0.000040	-0.000136
138	0.000160	-0.000199	-0.000181	0.000927	0.000653	0.000460	-0.000932	0.000132	0.000228	-0.000016	-0.000014	-0.000099

139	0.000157	-0.000426	0.000014	0.001939	0.001308	0.000806	-0.002005	-0.000185	0.000058	0.000175	0.000251	-0.000258
140	-0.000094	-0.000089	0.000123	0.001463	0.001164	0.000281	-0.000408	0.000143	0.000226	-0.000144	-0.000098	-0.000009
141	-0.000250	0.000097	0.000188	0.001285	0.001011	0.000194	-0.000329	0.000171	0.000187	-0.000150	-0.000085	0.000010
142	-0.000193	0.000610	0.000574	-0.000018	0.000411	-0.000181	-0.000768	-0.000123	0.000024	0.000230	0.000241	-0.000161
143	0.000036	-0.001832	-0.002347	0.005102	0.004541	0.001282	-0.002005	-0.000535	-0.000455	0.000388	0.000401	-0.000188
144	0.001054	-0.001552	-0.001536	0.000796	0.000828	0.006881	-0.006511	-0.001501	-0.002184	0.000590	0.000898	-0.000231
145	0.000552	-0.001472	-0.002400	-0.000996	-0.001072	0.006734	-0.004290	-0.002107	-0.002025	0.000271	0.000278	0.000365
146	0.000114	0.000958	0.001157	-0.000311	-0.000418	0.001655	0.001066	-0.001284	-0.001403	0.000114	-0.000017	0.000387
147	0.001122	0.000057	0.000265	-0.000515	-0.000273	-0.002978	0.003639	0.000214	0.000501	-0.000673	-0.000779	-0.000027
148	0.001080	-0.000727	-0.000611	0.000009	-0.000326	0.003056	0.007854	-0.004245	-0.005125	0.002664	0.001803	-0.000358
149	0.000262	-0.000234	-0.000274	0.000240	0.000049	0.003037	-0.006370	-0.001382	-0.000955	0.001912	0.001728	-0.001288
150	0.000384	-0.000499	-0.000521	0.000597	0.000468	-0.011590	0.002962	0.000779	0.001679	0.002394	0.001535	-0.000491
151	0.000215	-0.000266	-0.000272	0.000387	0.000337	-0.003985	0.003363	0.000777	0.000633	-0.000960	-0.000762	0.000190
152	0.000075	-0.000097	-0.000102	-0.000017	0.000044	-0.000557	-0.001851	-0.000450	0.000060	0.000557	0.000521	-0.000797
153	0.000056	0.000005	-0.000011	-0.000153	-0.000110	0.002190	-0.004884	-0.000954	-0.000733	0.001303	0.001184	-0.001100
154	0.000232	-0.000462	-0.000325	0.000824	0.000691	0.001529	-0.002752	-0.000308	-0.000121	0.000370	0.000395	-0.000280
155	0.001675	-0.008664	-0.010893	0.009456	0.007896	0.002411	-0.002471	-0.001014	-0.000822	0.000539	0.000551	-0.000202
156	0.000604	-0.000558	-0.000530	0.000429	0.000162	-0.004741	0.004436	-0.009336	-0.009254	0.011910	0.009012	-0.001514
157	0.000190	-0.000160	-0.000152	0.000181	0.000143	0.001171	-0.002448	-0.000753	-0.000721	0.000950	0.000844	-0.000540
158	0.000010	0.000120	0.000248	-0.000512	-0.000368	-0.001125	0.000294	0.000241	0.000130	0.000058	0.000057	-0.000043
159	0.000455	-0.000173	0.000393	-0.001326	-0.000883	-0.002874	0.000702	0.000613	0.000515	0.000099	0.000138	-0.000059
160	0.000413	-0.000224	0.000246	-0.000875	-0.000729	-0.002140	0.000560	0.000481	0.000397	0.000056	0.000083	-0.000044
161	0.000027	-0.000007	0.000016	0.000213	-0.000136	0.000829	-0.000146	-0.000156	-0.000100	-0.000062	-0.000062	0.000039
162	-0.000021	0.000039	0.000037	-0.000053	-0.000046	-0.000057	0.000821	0.000026	-0.000541	0.000041	-0.000009	0.000036
163	0.000037	-0.000052	-0.000115	0.001199	-0.000197	0.005768	-0.001559	-0.001229	-0.000872	-0.000205	-0.000198	0.000228
164	-0.000037	0.000027	0.000010	0.000138	0.000245	0.001804	-0.003424	-0.000536	-0.000575	0.000734	0.000697	-0.000556
165	0.000032	0.000011	-0.000004	-0.000106	-0.000124	-0.000185	-0.000019	0.000108	0.000107	-0.000029	-0.000023	-0.000009
166	-0.000182	0.000160	0.000217	-0.000764	-0.000551	-0.001053	0.001749	-0.000124	-0.000079	-0.000081	-0.000088	0.000204
167	0.000332	-0.000251	0.000124	0.000193	-0.000287	0.000002	-0.000416	0.000288	0.000381	-0.000200	-0.000108	-0.000014
168	0.000505	-0.000514	-0.000360	-0.001353	-0.001204	-0.000352	0.000219	0.000028	0.000067	0.000022	0.000009	-0.000026
169	-0.001167	0.001830	0.001773	0.000167	0.000137	0.000157	0.001225	0.000203	-0.000007	-0.000329	-0.000360	0.000242
170	0.001219	-0.000007	0.000234	-0.000035	0.000481	-0.000055	0.002820	-0.000294	-0.000073	-0.000130	-0.000343	0.000393
171	0.000750	0.000595	0.000692	-0.000784	-0.000483	-0.002483	-0.000674	0.001435	0.001755	0.000017	0.000116	-0.000417
172	-0.000914	0.000406	0.000174	-0.000247	-0.000219	0.003428	-0.001517	-0.000544	0.000082	-0.001780	-0.001716	0.001502
173	0.000353	-0.000475	-0.000484	0.000671	0.000606	-0.003532	0.004113	-0.000035	0.000048	0.000831	0.000647	0.000966
174	0.000005	-0.000009	-0.000010	-0.000034	-0.000022	-0.001728	-0.000453	0.000207	0.000529	-0.000049	-0.000144	-0.000453
175	-0.000093	0.000117	0.000125	0.000041	-0.000054	-0.002106	0.002985	0.001037	0.000622	-0.000799	-0.000813	0.000675
176	0.000475	-0.000388	-0.000542	-0.000140	-0.000366	-0.002235	0.004126	0.001199	0.001041	-0.001148	-0.001092	0.000624
177	-0.000128	0.000492	0.000689	-0.002094	-0.001450	0.000303	-0.002488	-0.000927	-0.000466	0.000994	0.000911	-0.000409
178	-0.003013	0.007919	0.009201	-0.002076	-0.000541	-0.001714	0.000254	-0.000435	-0.000204	0.000894	0.000685	-0.000340
179	0.001265	-0.007003	-0.008130	0.005675	0.003210	-0.001115	0.000216	0.001582	0.001456	-0.001095	-0.000851	0.000021
180	0.000735	-0.001205	-0.001295	0.000621	0.000590	0.029802	-0.020570	0.003666	0.003737	-0.010522	-0.008399	0.002528
181	0.000008	0.000038	0.000012	-0.000470	-0.000206	-0.023556	0.025147	-0.005726	-0.006595	0.009119	0.007325	-0.000463
182	-0.000472	0.000478	0.000447	-0.000824	-0.000514	0.003139	-0.006012	-0.001205	-0.001384	0.001781	0.001494	-0.001180
183	0.000407	-0.000385	-0.000460	0.000896	0.000440	0.000881	-0.001589	0.000496	0.000617	-0.000192	-0.000192	-0.000112
184	0.000491	-0.000417	-0.000031	-0.000052	-0.000536	-0.000454	0.000348	0.000163	0.000161	-0.000080	-0.000053	0.000053
185	0.000465	-0.000301	0.000151	-0.001252	-0.000379	-0.003948	0.001108	0.000815	0.000685	0.000110	0.000156	-0.000070
186	-0.000052	0.000050	0.000051	-0.000045	-0.000078	0.000005	-0.000118	0.000010	-0.000041	0.000041	0.000032	-0.000030
187	-0.000456	0.000364	-0.000077	0.000903	0.000423	0.002966	-0.000714	-0.000644	-0.000520	-0.000106	-0.000140	0.000074
188	-0.000456	0.000304	-0.000106	0.000503	0.000586	0.001547	-0.000641	-0.000374	-0.000313	0.000031	-0.000001	-0.000025

189	0.000004	-0.000013	0.000001	0.000019	-0.000006	0.000080	-0.000069	-0.000020	-0.000018	0.000005	0.000011	0.000001
190	0.000062	-0.000124	-0.000085	-0.000061	-0.000158	0.000708	0.000070	-0.000246	-0.000238	0.000004	-0.000017	0.000119
191	0.000101	0.000003	0.000064	-0.000191	-0.000334	0.001579	-0.001034	-0.000698	-0.000502	0.000301	0.000248	0.000054
192	0.000039	-0.000040	-0.000029	-0.000056	-0.000083	-0.000277	0.000093	0.000020	0.000064	-0.000001	0.000005	-0.000028
193	0.000012	-0.000014	-0.000048	0.000069	0.000021	-0.000118	0.000427	0.000047	0.000033	-0.000092	-0.000086	0.000072
194	0.000162	-0.000061	-0.000008	-0.000182	-0.000366	0.000311	0.000723	-0.000201	-0.000135	-0.000090	-0.000132	0.000175
195	0.000058	-0.000208	-0.000131	0.000112	0.000028	-0.000706	0.000998	0.000015	0.000129	-0.000083	-0.000119	0.000026
196	-0.000020	-0.000013	-0.000004	0.000013	0.000020	0.000041	-0.000027	0.000007	-0.000017	-0.000005	0.000005	-0.000004
197	0.000066	-0.000005	0.000010	-0.000082	-0.000161	0.000169	0.000185	-0.000126	-0.000072	-0.000010	-0.000024	0.000062
198	0.000062	-0.000007	0.000001	-0.000052	-0.000113	0.000115	0.000148	-0.000102	-0.000049	-0.000001	-0.000016	0.000050
199	0.000065	-0.000031	-0.000011	-0.000047	-0.000124	0.000114	0.000226	-0.000134	-0.000057	0.000006	-0.000023	0.000058
200	-0.000008	-0.000054	-0.000053	0.000090	0.000097	-0.000002	-0.000056	0.000006	-0.000007	0.000011	0.000025	-0.000015
201	-0.516479	-0.512532	-0.549281	0.133219	0.138683	0.000524	-0.000044	-0.000192	-0.000096	-0.000019	-0.000024	0.000022
202	0.148597	-0.574649	-0.538638	-0.534478	-0.570181	0.000368	0.000572	-0.000368	-0.000190	0.000034	-0.000039	0.000136
203	0.288804	0.154397	0.151719	-0.568773	-0.533776	-0.000063	-0.000061	0.000031	0.000033	-0.000019	0.000008	0.000014
204	0.518561	0.526227	0.298268	0.156727	0.155121	0.000156	0.000117	-0.000142	-0.000114	0.000020	0.000016	0.000031
205	0.150956	0.285957	0.515771	0.533510	0.306101	0.000474	0.000169	-0.000283	-0.000102	-0.000056	-0.000076	0.000110
206	-0.552358	0.145557	0.146138	0.267133	0.511091	-0.000020	0.000738	-0.000202	-0.000066	-0.000006	-0.000075	0.000020
207	-0.002612	-0.004681	-0.004439	0.003021	0.013262	-0.000119	-0.000011	0.000044	0.000041	0.000017	0.000018	-0.000032
208	-0.056838	0.011908	0.000203	-0.005614	-0.005592	0.000173	0.000128	-0.000150	-0.000075	0.000017	0.000004	0.000064
209	0.119206	-0.066262	-0.056672	0.010360	-0.001053	0.000134	0.000134	-0.000121	-0.000068	-0.000010	-0.000003	0.000057
210	-0.066849	0.120153	0.118348	-0.065601	-0.055418	0.000143	0.000291	-0.000149	-0.000080	-0.000021	-0.000054	0.000084
211	0.008264	-0.054569	-0.063930	0.113582	0.123804	-0.000008	0.000035	0.000007	0.000024	-0.000030	-0.000039	-0.000024
212	0.000043	-0.000005	0.000018	-0.000182	-0.000166	0.237011	0.559056	0.513800	0.262921	0.145238	0.144326	-0.550843
213	0.000124	-0.000051	0.000025	-0.000231	-0.000365	0.137185	0.143901	0.305634	0.533005	0.517500	0.287231	0.150480
214	0.000004	-0.000003	-0.000016	0.000033	0.000031	-0.564434	-0.584228	0.154328	0.156584	0.298774	0.527189	0.517669
215	0.000034	-0.000014	-0.000026	-0.000026	-0.000067	-0.582436	-0.569033	-0.533904	-0.567993	0.151387	0.153962	0.288860
216	0.000127	-0.000038	0.000011	-0.000117	-0.000251	0.135255	0.141318	-0.570920	-0.534876	-0.538153	-0.574198	0.149218
217	0.000024	-0.000092	-0.000050	-0.000093	-0.000055	0.549122	0.239457	0.139178	0.133496	-0.548888	-0.511913	-0.517262
218	-0.000036	-0.000008	-0.000018	0.000025	0.000059	-0.048590	-0.078096	0.120743	0.108455	-0.061853	-0.052429	0.007743
219	0.000063	-0.000025	-0.000014	-0.000077	-0.000135	-0.002854	0.008008	-0.054909	-0.065235	0.117674	0.119068	-0.066138
220	0.000058	-0.000005	0.000002	-0.000056	-0.000124	-0.005348	-0.004986	-0.000986	0.010470	-0.056796	-0.066437	0.118924
221	0.000070	-0.000007	0.000025	-0.000097	-0.000179	0.009147	-0.004099	-0.005730	-0.005692	0.000345	0.012221	-0.057410
222	-0.000030	0.000028	0.000030	-0.000032	0.000014	-0.083312	-0.051044	0.014196	0.003228	-0.004623	-0.004852	-0.002750
223	0.000000	-0.000038	0.000000	-0.000098	-0.000140	0.000457	0.000263	-0.000225	-0.000208	0.000037	-0.000019	0.000046
224	0.000154	-0.000021	0.000024	-0.000200	-0.000335	0.000181	0.000367	-0.000205	-0.000054	-0.000010	-0.000057	0.000124
225	0.000052	-0.000040	-0.000052	0.000089	0.000035	-0.000055	0.000388	-0.000096	-0.000059	0.000018	-0.000006	0.000063
226	-0.000030	0.000055	0.000042	-0.000076	-0.000075	0.000003	-0.000127	0.000044	0.000054	-0.000036	0.000002	-0.000001
227	0.000060	0.000075	0.000138	-0.000344	-0.000458	0.000557	0.000471	-0.000382	-0.000222	0.000006	-0.000083	0.000157
228	0.000100	-0.000098	-0.000065	0.000017	-0.000077	0.000634	-0.000095	-0.000227	-0.000187	0.000075	0.000021	0.000037
229	-0.000014	-0.000010	-0.000015	0.000023	0.000033	-0.000065	0.000065	0.000068	0.000026	-0.000021	-0.000032	-0.000029
230	0.000053	-0.000014	0.000013	-0.000076	-0.000132	0.000176	0.000200	-0.000141	-0.000076	-0.000016	-0.000036	0.000079
231	0.000046	-0.000020	-0.000007	-0.000037	-0.000090	0.000164	0.000100	-0.000124	-0.000056	-0.000007	-0.000001	0.000060
232	0.000054	-0.000012	-0.000005	-0.000064	-0.000129	0.000197	0.000158	-0.000149	-0.000076	0.000004	-0.000015	0.000073
233	-0.000013	-0.000014	-0.000020	0.000040	0.000039	-0.000122	0.000014	0.000059	0.000033	0.000017	-0.000002	-0.000020
234	0.000225	-0.000082	0.000011	-0.000232	-0.000577	-0.000835	0.003438	0.000045	0.000097	-0.000503	-0.000635	0.000460
235	0.000224	-0.000132	0.000036	-0.000373	-0.000561	0.002795	-0.002240	-0.001341	-0.000900	0.000651	0.000534	-0.000024
236	-0.000184	0.000040	-0.000032	0.000223	0.000463	-0.000242	-0.001161	0.000287	0.000144	0.000109	0.000193	-0.000230
237	-0.000095	0.000066	0.000023	0.000084	0.000196	0.000017	-0.001021	0.000092	0.000043	0.000137	0.000192	-0.000159
238	-0.000009	0.000018	0.000016	-0.000005	-0.000018	-0.000149	0.000353	0.000075	0.000052	-0.000082	-0.000082	0.000040

239	-0.000041	0.000030	-0.000007	0.000050	0.000086	-0.000242	0.000239	0.000156	0.000086	-0.000088	-0.000067	0.000013
240	0.000085	-0.000013	0.000016	-0.000109	-0.000197	0.000387	0.000006	-0.000217	-0.000134	0.000049	0.000012	0.000061
241	0.000087	-0.000001	0.000024	-0.000121	-0.000210	0.000463	-0.000006	-0.000239	-0.000160	0.000048	0.000013	0.000073
242	-0.000027	0.000022	0.000013	0.000015	0.000052	-0.000124	-0.000223	0.000031	0.000038	0.000045	0.000056	-0.000064
243	0.000008	0.000013	0.000026	-0.000049	-0.000050	-0.000001	-0.000086	-0.000059	-0.000019	0.000047	0.000038	-0.000027
244	-0.000087	0.000013	-0.000047	0.000180	0.000273	-0.000999	0.000554	0.000511	0.000357	-0.000221	-0.000162	-0.000031
245	-0.000185	0.000028	-0.000080	0.000337	0.000544	-0.001071	0.000150	0.000659	0.000396	-0.000192	-0.000091	-0.000112
246	0.024080	-0.108742	-0.023800	-0.311197	-0.348945	0.000670	0.001098	-0.000654	-0.000309	-0.000010	-0.000110	0.000183
247	0.016421	-0.166968	-0.102364	-0.305582	-0.336166	0.000914	0.000627	-0.000558	-0.000283	0.000006	-0.000119	0.000266
248	-0.171084	0.007864	0.009124	-0.103518	-0.016092	-0.000724	-0.000503	0.000500	0.000246	0.000002	0.000078	-0.000187
249	-0.105283	0.010653	0.009403	-0.165829	-0.103235	-0.000354	-0.000316	0.000245	0.000136	0.000011	0.000042	-0.000095
250	-0.285035	-0.102076	-0.166924	0.008175	0.008097	0.000115	-0.000094	-0.000016	-0.000015	0.000001	0.000002	0.000006
251	-0.313455	-0.014464	-0.101991	0.009241	0.006680	-0.000020	-0.000214	0.000074	0.000021	0.000005	0.000033	-0.000027
252	0.560003	-0.314244	-0.285397	-0.104297	-0.169918	0.000219	0.000218	-0.000188	-0.000101	0.000011	-0.000015	0.000081
253	1.067210	-0.357405	-0.313383	-0.017118	-0.104917	0.000222	0.000237	-0.000205	-0.000110	0.000009	-0.000017	0.000091
254	-0.357405	1.069610	0.560759	-0.305332	-0.279636	-0.000171	-0.000017	0.000091	0.000051	-0.000005	-0.000001	-0.000024
255	-0.313383	0.560759	1.068830	-0.347065	-0.307165	-0.000028	0.000135	-0.000007	0.000005	-0.000016	-0.000029	0.000018
256	-0.017118	-0.305332	-0.347065	1.074040	0.568539	-0.000303	-0.000504	0.000254	0.000132	-0.000001	0.000058	-0.000106
257	-0.104917	-0.279636	-0.307165	0.568539	1.082820	-0.000536	-0.000670	0.000462	0.000225	-0.000013	0.000078	-0.000207
258	0.000222	-0.000171	-0.000028	-0.000303	-0.000536	1.201890	0.458356	-0.337120	-0.304241	-0.101667	-0.166899	0.017290
259	0.000237	-0.000017	0.000135	-0.000504	-0.000670	0.458356	1.215580	-0.345453	-0.312516	-0.025751	-0.109746	0.023275
260	-0.000205	0.000091	-0.000007	0.000254	0.000462	-0.337120	-0.345453	1.085350	0.565287	-0.307774	-0.279767	-0.104971
261	-0.000110	0.000051	0.000005	0.000132	0.000225	-0.304241	-0.312516	0.565287	1.072920	-0.345906	-0.304102	-0.016959
262	0.000009	-0.000005	-0.000016	-0.000001	-0.000013	-0.101667	-0.025751	-0.307774	-0.345906	1.069920	0.560564	-0.313564
263	-0.000017	-0.000001	-0.000029	0.000058	0.000078	-0.166899	-0.109746	-0.279767	-0.304102	0.560564	1.069370	-0.357070
264	0.000091	-0.000024	0.000018	-0.000106	-0.000207	0.017290	0.023275	-0.104971	-0.016959	-0.313564	-0.357070	1.067040
265	0.000089	-0.000030	0.000011	-0.000081	-0.000194	0.019683	0.020473	-0.169924	-0.104059	-0.285349	-0.313770	0.559754
266	-0.000045	0.000032	0.000016	0.000021	0.000077	-0.106311	-0.169412	0.006858	0.009614	-0.102126	-0.014485	-0.313771
267	0.000000	0.000009	0.000035	-0.000038	-0.000045	-0.020750	-0.105525	0.007915	0.008182	-0.166962	-0.101985	-0.285054
268	-0.000085	0.000018	-0.000061	0.000252	0.000297	-0.310536	-0.310166	-0.104190	-0.165674	0.009398	0.010286	-0.105179
269	-0.000186	0.000047	-0.000080	0.000317	0.000525	-0.349760	-0.339002	-0.016209	-0.102538	0.009228	0.007612	-0.170748
270	0.000030	0.000184	0.000311	-0.000799	-0.000927	0.001939	-0.000150	-0.000721	-0.000520	-0.000024	-0.000133	0.000178
271	0.000378	-0.000198	-0.000074	-0.000164	-0.000453	0.000013	0.001437	-0.000517	-0.000255	0.000058	-0.000082	0.000286
272	-0.000118	-0.000117	-0.000208	0.000553	0.000700	-0.000694	-0.000478	0.000457	0.000245	0.000033	0.000115	-0.000185
273	-0.000038	-0.000108	-0.000173	0.000409	0.000461	-0.000559	-0.000221	0.000277	0.000201	0.000023	0.000063	-0.000099
274	-0.000022	0.000049	0.000057	-0.000113	-0.000090	0.000028	0.000014	0.000009	0.000004	-0.000036	-0.000024	-0.000004
275	-0.000056	0.000080	0.000065	-0.000079	-0.000033	-0.000120	-0.000114	0.000104	0.000063	-0.000030	-0.000001	-0.000038
276	0.000070	0.000060	0.000090	-0.000231	-0.000299	0.000160	0.000309	-0.000191	-0.000086	-0.000008	-0.000045	0.000102
277	0.000061	0.000052	0.000083	-0.000206	-0.000275	0.000168	0.000280	-0.000173	-0.000083	-0.000014	-0.000045	0.000090
278	0.000005	-0.000096	-0.000116	0.000230	0.000233	-0.000147	-0.000068	0.000080	0.000044	0.000012	0.000034	-0.000029
279	0.000038	-0.000116	-0.000111	0.000182	0.000151	0.000046	0.000001	-0.000035	-0.000017	0.000024	0.000012	0.000008
280	-0.000136	0.000081	0.000031	0.000086	0.000199	-0.000403	-0.000255	0.000280	0.000196	-0.000041	0.000006	-0.000104
281	-0.000212	0.000129	0.000044	0.000133	0.000335	-0.000429	-0.000754	0.000431	0.000206	0.000003	0.000100	-0.000203
282	0.000007	0.000137	0.000137	-0.000203	-0.000300	0.000458	-0.000158	-0.000237	-0.000068	-0.000012	-0.000002	0.000100
283	0.000040	0.000030	0.000047	-0.000173	-0.000237	0.000169	0.000010	-0.000102	-0.000037	0.000003	-0.000012	0.000035
284	-0.000019	0.000004	-0.000002	0.000035	0.000059	0.000128	-0.000050	-0.000040	-0.000055	0.000018	0.000016	0.000001
285	-0.000020	0.000010	0.000005	0.000032	0.000059	0.000032	-0.000021	-0.000003	-0.000013	0.000000	0.000005	0.000001
286	-0.000022	0.000006	-0.000007	0.000059	0.000110	-0.000208	0.000088	0.000090	0.000063	-0.000026	-0.000017	-0.000017
287	0.000005	0.000017	0.000005	0.000028	0.000064	-0.000099	0.000164	0.000023	0.000010	-0.000010	-0.000023	-0.000004
288	0.001642	-0.001776	-0.001761	-0.002855	-0.003712	-0.000249	0.000580	0.000213	0.000033	-0.000098	-0.000090	-0.000047

289	0.000340	0.000112	-0.000382	-0.000962	-0.000387	-0.000353	0.000197	0.000158	0.000102	-0.000025	-0.000023	-0.000019
290	-0.000385	0.001413	0.001849	0.000186	-0.000260	0.000144	0.000080	-0.000120	-0.000059	0.000007	-0.000014	0.000033
291	-0.000870	0.001068	0.000166	0.001069	0.000894	0.000105	0.000016	-0.000066	-0.000032	-0.000002	-0.000009	0.000022
292	0.001579	0.000775	0.001078	-0.000163	0.000629	0.000136	-0.000055	-0.000074	-0.000049	0.000017	0.000006	0.000021
293	0.000749	0.000724	0.001069	0.002796	0.001721	0.000165	0.000102	-0.000153	-0.000071	0.000035	-0.000010	0.000045
294	-0.000019	0.000001	0.000032	0.000001	0.000086	0.021469	-0.012759	-0.002912	-0.001755	-0.001887	-0.001463	0.001382
295	0.000002	-0.000005	0.000026	-0.000033	-0.000029	0.002379	-0.003763	-0.001860	-0.002944	-0.001012	-0.000786	-0.000709
296	-0.000023	0.000003	-0.000022	0.000058	0.000082	-0.000920	0.000814	0.000821	0.000037	0.000919	0.000599	0.001115
297	-0.000023	-0.000011	-0.000025	0.000053	0.000076	-0.003456	0.001727	0.000798	0.001133	-0.000242	0.000564	-0.000139
298	-0.000017	0.000010	0.000003	0.000019	0.000022	-0.001802	-0.000411	-0.000763	-0.000325	0.002728	0.002091	-0.000832
299	-0.000032	0.000008	-0.000015	0.000098	0.000107	-0.000771	0.002038	0.002254	0.002477	-0.000296	-0.001001	-0.000621
300	0.000070	0.000047	0.000049	-0.000004	-0.000176	-0.000324	0.000438	-0.000057	0.000024	-0.000046	-0.000027	0.000043
301	-0.000003	0.000034	0.000024	-0.000002	-0.000016	-0.000062	-0.000307	0.000090	0.000063	-0.000027	0.000038	-0.000043
302	-0.000013	-0.000001	-0.000012	0.000020	0.000052	0.000066	0.000031	-0.000043	-0.000020	0.000025	-0.000004	0.000011
303	0.000002	-0.000004	-0.000006	-0.000002	0.000007	0.000153	-0.000028	-0.000081	-0.000044	0.000026	0.000005	0.000024
304	0.000004	-0.000001	0.000002	-0.000040	-0.000027	0.000064	0.000140	-0.000058	-0.000037	0.000006	-0.000018	0.000027
305	-0.000028	-0.000003	-0.000017	0.000026	0.000084	0.000282	-0.000178	-0.000064	-0.000083	0.000042	0.000038	-0.000022
306	0.000027	0.000190	0.000157	-0.000551	-0.000563	0.000646	-0.000562	-0.000194	-0.000139	0.000081	0.000050	0.000004
307	0.000016	0.000084	0.000098	-0.000139	-0.000173	0.000078	0.000033	-0.000066	0.000012	-0.000029	-0.000022	0.000051
308	-0.000007	0.000003	0.000003	0.000000	-0.000017	0.000262	-0.000119	-0.000114	-0.000077	0.000032	0.000024	0.000017
309	-0.000008	-0.000001	-0.000009	0.000001	0.000010	-0.000065	-0.000001	0.000046	0.000017	-0.000013	-0.000004	-0.000009
310	-0.000006	-0.000011	-0.000007	0.000040	0.000042	-0.000044	-0.000028	0.000019	0.000020	0.000002	0.000008	-0.000006
311	0.000011	-0.000008	0.000002	-0.000011	-0.000015	0.000109	-0.000004	-0.000046	-0.000049	0.000019	0.000007	0.000005
312	-0.000006	-0.000067	-0.000086	0.000108	0.000152	-0.000330	0.000108	0.000156	0.000075	-0.000010	-0.000011	-0.000058
313	-0.002108	0.003577	0.005004	0.012046	0.010953	-0.000639	0.001095	0.000078	0.000072	-0.000023	-0.000148	0.000048
314	0.000491	-0.000887	-0.001361	-0.002140	-0.001656	-0.000059	0.000163	0.000088	0.000018	-0.000039	-0.000028	-0.000031
315	-0.000848	0.000910	0.000988	-0.001110	-0.001404	-0.000049	0.000188	0.000005	0.000014	-0.000026	-0.000035	0.000011
316	-0.001478	0.000993	0.001136	-0.001192	-0.000833	-0.000007	-0.000064	0.000015	-0.000012	0.000005	0.000013	0.000001
317	-0.000203	0.000578	0.000106	0.000705	0.000585	0.000075	-0.000068	-0.000024	-0.000014	0.000006	0.000011	-0.000013
318	0.000929	-0.000502	-0.001110	0.002799	0.002322	0.000021	-0.000018	-0.000014	0.000017	-0.000008	-0.000006	0.000004
319	0.000460	0.001573	0.002016	-0.000548	-0.001008	0.000018	-0.000200	-0.000069	-0.000022	0.000062	0.000044	0.000029
320	0.000004	-0.000021	0.000027	0.000203	0.000151	0.044853	0.009065	-0.011220	-0.013757	-0.004515	-0.004007	0.001536
321	-0.000008	-0.000040	-0.000025	0.000047	0.000095	0.001105	-0.002199	0.001419	-0.000109	-0.001882	-0.001389	-0.000235
322	-0.000014	-0.000001	-0.000007	0.000031	0.000048	0.005484	-0.000413	-0.002150	-0.002447	0.001370	0.000385	-0.000566
323	0.000008	0.000019	0.000026	-0.000050	-0.000065	0.002667	-0.000386	-0.001050	-0.001246	0.000082	-0.000210	0.000463
324	0.000002	-0.000005	-0.000012	-0.000003	0.000015	-0.002337	0.001655	0.000683	0.000938	-0.000917	-0.000862	0.001634
325	0.000009	-0.000034	-0.000042	0.000059	0.000040	-0.003279	0.002258	0.001487	0.001122	-0.000830	-0.000996	0.000421
326	0.000004	0.000060	0.000059	-0.000084	-0.000133	-0.003522	0.000995	0.001159	0.001733	0.001376	0.000844	-0.000860
327	-0.000012	0.000053	0.000041	-0.000079	-0.000045	0.000978	-0.001854	-0.000102	-0.000097	0.000118	0.000228	-0.000143
328	0.000045	0.000014	0.000028	-0.000023	-0.000108	-0.000129	0.000163	-0.000032	0.000027	-0.000029	-0.000014	0.000021
329	-0.000010	0.000013	-0.000004	0.000039	0.000037	-0.000015	0.000020	-0.000021	-0.000008	0.000011	0.000010	0.000005
330	0.000009	-0.000001	0.000003	-0.000035	-0.000031	-0.000079	0.000081	0.000024	0.000018	-0.000011	-0.000020	0.000007
331	0.000008	-0.000011	0.000001	0.000006	-0.000022	0.000099	-0.000003	-0.000047	-0.000026	0.000009	-0.000002	0.000014
332	-0.000017	-0.000006	-0.000019	0.000039	0.000077	-0.000149	0.000039	0.000059	0.000043	-0.000004	-0.000001	-0.000018
333	-0.000036	-0.000010	-0.000011	-0.000025	0.000051	0.000270	-0.000300	0.000018	-0.000054	0.000025	0.000028	-0.000029

	265	266	267	268	269	270	271	272	273	274	275	276
1	-0.000649	0.000507	0.000282	0.001129	0.001650	-0.001805	-0.001395	0.001225	0.000838	-0.000111	0.000173	-0.000508
2	0.002088	-0.002482	-0.002049	-0.002699	-0.005257	0.007301	0.002254	-0.002916	-0.001118	-0.000979	-0.001342	0.001517

3	0.001372	-0.000225	0.000081	-0.002226	-0.002466	0.024532	-0.015484	-0.005556	-0.004854	0.001231	0.000896	0.002197
4	0.001253	-0.000196	0.000089	-0.002105	-0.002346	0.003875	0.002672	-0.001969	-0.001795	-0.000249	-0.000645	0.001148
5	0.001446	0.000726	0.001356	-0.003498	-0.001859	0.004912	0.002041	-0.003072	-0.002713	0.000612	0.000292	0.001439
6	0.000565	-0.000405	0.000280	-0.002329	-0.001330	-0.019112	0.019976	0.002161	0.000053	0.000064	-0.000939	-0.000190
7	0.000061	0.000146	0.000383	-0.001072	-0.000081	-0.000105	0.001485	-0.000934	-0.000649	0.000639	0.000301	-0.000017
8	0.000620	-0.000341	0.000149	-0.002136	-0.002435	0.057760	-0.008159	-0.018442	-0.015522	0.001523	-0.000116	0.004984
9	0.000252	0.000034	0.000026	-0.000175	-0.000306	-0.013648	-0.005167	0.005622	0.004478	0.000166	0.000889	-0.000775
10	0.000189	-0.000012	-0.000098	0.000454	0.000238	0.003101	0.004681	-0.001553	-0.001563	-0.000367	-0.000960	0.000395
11	0.000492	-0.000190	0.000399	-0.002354	-0.002530	0.000628	-0.001285	-0.000758	-0.000343	0.000446	0.000546	0.000327
12	-0.000777	0.001200	0.000970	0.003647	0.003747	-0.000861	0.000173	0.000485	0.000430	-0.000250	-0.000291	0.000035
13	0.003635	-0.001517	-0.000284	-0.012053	-0.009311	0.004610	0.003695	-0.003047	-0.002539	0.000767	0.000184	0.000692
14	0.002718	-0.001964	-0.000035	-0.010300	-0.011709	-0.005559	-0.011245	0.003133	0.003094	0.000793	0.001071	-0.000638
15	-0.000708	0.000842	0.000207	0.003621	0.005186	-0.011432	0.046385	-0.003483	-0.007069	-0.001988	-0.003748	0.001422
16	-0.000170	0.000145	0.000155	-0.000184	-0.000186	0.030093	-0.007951	-0.005792	-0.004850	-0.001421	-0.001302	0.000837
17	0.000110	-0.000109	-0.000060	0.000109	-0.000260	0.006912	0.008078	-0.004525	-0.003644	0.000351	-0.000660	0.001585
18	-0.000108	-0.000086	-0.000001	-0.000286	-0.000167	-0.022226	0.004867	0.005656	0.004878	0.000639	0.001216	-0.002195
19	-0.000150	-0.000034	0.000017	-0.000446	-0.000013	-0.000003	0.000815	-0.000136	-0.000056	0.000035	0.000014	-0.000052
20	0.000108	-0.000060	0.000050	0.000372	-0.000284	-0.000237	0.000084	-0.000360	0.000047	0.000062	0.000034	0.000170
21	-0.000143	-0.000116	-0.000081	-0.000179	0.000268	0.000377	0.001038	-0.000139	-0.000241	0.000000	-0.000100	-0.000146
22	-0.001839	-0.000509	-0.000818	0.005491	0.004384	0.000841	0.000391	-0.000069	-0.000444	-0.000014	-0.000032	-0.000168
23	0.001029	-0.000272	0.001132	-0.005141	-0.004422	-0.000389	0.000229	-0.000297	0.000397	0.000126	-0.000018	0.000040
24	0.000275	-0.000012	-0.000759	-0.005237	-0.002216	-0.000091	0.000682	0.000412	-0.000057	-0.000259	-0.000288	-0.000159
25	0.000200	-0.001112	-0.001248	-0.001820	-0.002679	0.002042	-0.014973	0.004051	0.004529	-0.000721	-0.000373	-0.001818
26	0.001200	-0.000941	0.000236	-0.003684	-0.004076	0.007061	0.007534	-0.003927	-0.004354	0.000482	-0.000901	0.000964
27	-0.001790	0.000993	0.000361	0.003192	0.004097	-0.003326	0.017115	-0.001131	-0.004050	-0.001241	-0.000510	0.000067
28	-0.000345	-0.000213	-0.000287	0.000219	0.000567	0.006587	0.006946	-0.004791	-0.003597	0.000738	-0.000071	0.000871
29	-0.000321	0.000121	0.000127	0.000724	0.000343	-0.008423	-0.006299	0.004194	0.003857	-0.000069	0.000771	-0.001177
30	-0.001146	0.000438	-0.000373	0.004163	0.004271	-0.000322	-0.000692	0.000290	0.000136	-0.000113	0.000005	-0.000256
31	0.000256	-0.000458	0.000682	-0.003241	-0.003007	-0.001933	0.000657	0.000733	0.001054	0.000063	-0.000041	-0.000572
32	0.005629	0.002219	0.002150	-0.008182	-0.001647	-0.007928	-0.007165	0.004470	0.004581	-0.000402	0.000335	-0.001391
33	0.005113	0.003222	0.004747	-0.006602	-0.003608	0.004355	0.008525	-0.002035	-0.002700	-0.000112	-0.001253	-0.000018
34	0.000247	-0.000628	0.000332	-0.003210	-0.003913	-0.015960	0.009681	0.001027	-0.005199	0.001026	0.001100	0.004570
35	-0.001207	0.000696	-0.000227	0.003771	0.004182	0.024685	-0.017729	-0.008473	-0.011543	0.005326	0.004060	0.006770
36	0.000046	0.000003	0.000007	-0.000091	-0.000149	-0.005558	0.002817	0.001548	0.001845	-0.000012	0.000109	-0.001661
37	0.000042	-0.000037	-0.000030	-0.000019	-0.000036	0.000466	0.000647	-0.000348	-0.000260	-0.000037	-0.000106	0.000183
38	0.000044	-0.000052	-0.000041	-0.000007	-0.000018	0.000090	0.000224	-0.000107	-0.000042	-0.000024	-0.000049	0.000062
39	0.000041	-0.000007	0.000035	-0.000066	-0.000119	-0.000011	0.000223	-0.000056	-0.000031	-0.000016	-0.000027	0.000042
40	0.000166	-0.000064	0.000065	-0.000246	-0.000425	-0.000024	0.000190	-0.000040	-0.000021	-0.000014	-0.000014	0.000026
41	-0.001805	0.000591	0.000774	0.001020	0.000520	0.000072	0.000140	-0.000097	-0.000008	0.000015	-0.000016	0.000033
42	-0.001713	0.000104	0.000038	0.001296	0.001320	0.000513	0.000478	-0.000389	-0.000192	0.000040	-0.000080	0.000143
43	0.000167	-0.000097	-0.000042	-0.000206	-0.000306	0.003348	-0.005531	0.000592	0.001027	0.000445	0.000260	-0.001711
44	0.000087	-0.000060	-0.000026	-0.000267	-0.000289	0.000393	0.000116	-0.000143	-0.000035	-0.000049	-0.000071	0.000042
45	0.000007	-0.000038	0.000010	-0.000102	-0.000117	0.001205	-0.000055	-0.000555	-0.000483	0.000152	0.000096	0.000119
46	0.000059	-0.025587	-0.016738	-0.102056	-0.128756	0.000722	-0.000267	-0.000167	-0.000155	0.000037	-0.000027	0.000029
47	0.000019	0.000020	0.000070	-0.000149	-0.000174	0.267794	0.276144	-0.127011	-0.101235	-0.016845	-0.025629	0.000098
48	-0.000258	0.000004	-0.000384	0.001395	0.000984	-0.001162	0.000166	0.000637	0.000347	-0.000060	-0.000002	-0.000338
49	0.000159	-0.000018	0.000338	-0.000125	-0.000765	0.000260	0.002010	-0.000850	-0.001243	0.000458	0.000214	0.000260
50	0.000132	-0.000407	-0.000438	0.001677	-0.000136	0.000994	0.001556	-0.001340	-0.001067	0.000434	0.000078	0.000530
51	0.000201	0.000043	0.000146	-0.000801	-0.000447	0.001484	0.002546	-0.001530	-0.001776	0.000766	0.000237	0.000292
52	-0.000347	0.000061	-0.000237	0.000479	0.000999	-0.002226	-0.000405	0.001459	0.000289	-0.000046	0.000311	-0.000724

53	0.000049	-0.000054	-0.000009	0.001044	-0.000352	0.000056	0.000366	-0.000163	-0.000133	0.000071	-0.000002	0.000041
54	0.000026	0.000014	0.000066	-0.000148	-0.000131	0.000114	0.000256	-0.000194	-0.000133	0.000090	0.000019	0.000046
55	-0.000199	0.000126	0.000162	-0.000176	0.000172	-0.000578	0.000547	0.000201	-0.000665	0.000299	0.000357	-0.000304
56	0.000052	-0.000070	-0.000032	0.000019	-0.000061	0.000557	0.000143	-0.000509	-0.000469	0.000296	0.000188	0.000070
57	-0.000009	-0.000028	-0.000044	0.000096	0.000045	0.000113	0.000184	-0.000125	-0.000086	0.000055	0.000006	0.000042
58	0.000056	-0.000019	0.000011	-0.000031	-0.000160	0.000363	0.000352	-0.000377	-0.000179	0.000131	-0.000009	0.000112
59	0.000051	-0.000023	-0.000011	0.000000	-0.000129	0.000017	-0.000084	0.000016	0.000156	-0.000108	-0.000077	0.000045
60	-0.000009	0.000195	0.000103	0.000149	0.000392	0.000116	0.000101	-0.000023	-0.000004	-0.000023	-0.000034	-0.000009
61	0.000225	0.000025	0.000375	-0.004201	-0.000121	0.001514	-0.002697	-0.000703	0.000260	-0.000588	0.000052	0.001081
62	0.000707	-0.000365	-0.000550	0.001996	-0.002207	0.001408	0.002894	-0.001169	-0.001561	0.000478	0.000109	0.000261
63	0.000388	-0.000171	-0.000593	0.002817	-0.000335	0.000933	0.003569	-0.001899	-0.002248	0.001004	0.000446	0.000856
64	0.000367	0.000646	0.000728	-0.003316	0.000114	0.002102	-0.004011	0.000070	0.000847	-0.000903	-0.000124	0.000363
65	-0.000272	0.000284	0.000296	-0.001733	0.000788	-0.002872	-0.001928	0.003206	0.003498	-0.001508	-0.001223	-0.001402
66	-0.000315	-0.000436	-0.000907	0.005094	-0.000005	-0.000050	-0.001577	0.000121	-0.000075	0.000493	0.000561	-0.000445
67	-0.000281	-0.000132	-0.000065	0.003065	-0.000415	0.000510	0.001071	-0.000637	-0.001594	0.001101	0.000725	-0.000487
68	-0.000706	0.000163	0.000747	-0.003883	0.002061	-0.003685	0.002711	0.001106	0.000946	-0.000118	-0.000586	-0.000255
69	-0.001188	0.000037	-0.000151	0.001823	0.001691	0.001901	0.000331	-0.000996	-0.000270	0.000094	0.000100	-0.000013
70	-0.000226	-0.000242	-0.000286	0.000232	0.000125	-0.003943	-0.000807	0.001907	0.002212	-0.000215	-0.000070	-0.001243
71	0.001509	0.000418	0.000675	-0.002128	-0.001081	-0.001563	0.001710	0.001008	0.001245	-0.000742	-0.000762	-0.000669
72	-0.000237	-0.000223	-0.000231	0.000304	-0.000514	0.003049	-0.001207	-0.001573	-0.002934	0.000860	0.000684	0.001689
73	0.000766	-0.000072	0.000027	-0.001213	-0.001068	0.017897	-0.029227	0.000451	0.000002	0.000538	0.001656	0.001018
74	-0.000090	-0.000006	0.000081	-0.000131	-0.000294	0.017687	0.000406	-0.006234	-0.005243	-0.000084	-0.000751	0.002105
75	-0.000095	-0.000066	0.000034	-0.000186	-0.000336	0.004750	0.002191	-0.002487	-0.002063	0.000478	0.000188	0.000601
76	0.000351	0.000008	-0.000031	-0.000465	-0.000088	-0.023903	0.003423	0.007245	0.005930	0.000277	0.000847	-0.002917
77	0.000276	0.000100	0.000079	-0.000387	-0.000007	0.002750	0.001472	-0.000663	-0.001045	-0.000440	-0.000612	0.000553
78	-0.000111	-0.000001	0.000103	-0.000190	-0.000272	-0.000022	0.000482	-0.000281	-0.000058	0.000140	0.000077	-0.000050
79	-0.000074	-0.000063	0.000005	-0.000035	-0.000153	0.000219	0.000636	-0.000324	-0.000120	0.000098	-0.000004	-0.000076
80	0.000682	-0.000055	-0.000003	-0.001376	-0.001274	0.000757	-0.000814	-0.000045	-0.000478	0.000023	0.000076	0.000234
81	-0.002303	0.000452	0.000222	0.005007	0.004512	0.000684	-0.000515	-0.000283	-0.000583	0.000182	0.000266	0.000318
82	0.000481	-0.000640	-0.000528	-0.001283	-0.001371	0.000089	0.000699	-0.000074	0.000022	0.000017	-0.000126	-0.000162
83	0.001695	-0.000786	-0.000499	-0.003992	-0.003452	-0.000221	0.000705	0.000065	0.000177	-0.000091	-0.000209	-0.000121
84	0.000794	0.002173	0.001325	0.001500	0.002442	0.003417	0.000950	-0.001936	-0.002004	0.000379	0.000341	0.000946
85	-0.000127	0.000889	-0.000064	0.002212	0.003799	0.002665	-0.016995	0.003069	0.003395	0.000670	0.001032	-0.001776
86	0.001571	-0.000903	-0.000206	-0.003542	-0.004447	0.001468	0.004427	-0.000674	-0.000918	-0.000746	-0.000903	0.000254
87	0.000418	-0.000255	0.000061	-0.001625	-0.001935	0.000935	0.012102	-0.002572	-0.002765	-0.000740	-0.001046	0.001316
88	-0.002008	0.001081	0.000401	0.003712	0.004845	-0.030810	0.013124	0.005520	0.003948	0.000797	0.001126	-0.000549
89	-0.000264	0.000051	-0.000058	0.000653	0.000653	-0.001773	-0.002078	0.000834	0.000801	0.000257	0.000405	-0.000315
90	-0.000165	0.000156	0.000055	0.000953	0.000776	-0.001225	-0.000896	0.000727	0.000760	-0.000071	0.000016	-0.000358
91	-0.006066	0.002111	-0.001197	0.017792	0.016324	-0.003076	-0.000302	0.001191	0.001331	-0.000158	-0.000136	-0.000411
92	-0.000227	0.000253	0.000085	0.000544	0.000648	-0.028397	-0.031360	0.016157	0.017417	-0.000652	0.002606	-0.005875
93	0.000049	0.000012	-0.000027	0.000040	0.000110	-0.003810	0.000329	0.001975	0.001992	-0.000875	-0.000566	-0.001320
94	0.000040	-0.000006	-0.000054	0.000093	0.000185	-0.013872	-0.000742	0.004259	0.003251	0.000961	0.001318	-0.000785
95	0.000044	0.000040	-0.000011	0.000083	0.000162	-0.002204	-0.000919	0.001098	0.000896	-0.000212	-0.000116	-0.000246
96	0.000047	0.000027	-0.000023	0.000107	0.000181	-0.002582	-0.001329	0.001431	0.001200	-0.000246	-0.000065	-0.000401
97	0.000055	0.000013	-0.000043	0.000092	0.000136	0.000043	-0.000211	0.000124	0.000026	-0.000082	-0.000051	0.000035
98	0.000056	-0.000012	-0.000060	0.000098	0.000136	-0.000028	-0.000275	0.000165	0.000037	-0.000058	-0.000027	0.000010
99	0.000029	0.000023	-0.000022	0.000037	0.000109	-0.000083	-0.000320	0.000155	0.000049	-0.000049	0.000003	0.000039
100	0.000049	0.000040	0.000017	-0.000015	0.000041	-0.000119	-0.000320	0.000165	0.000065	-0.000049	0.000001	0.000038
101	-0.000328	0.000323	0.000205	0.000748	0.000906	-0.000045	-0.000390	0.000047	-0.000004	-0.000009	0.000069	0.000079
102	-0.000162	0.000319	0.000319	0.000554	0.000474	-0.000045	-0.000325	0.000033	-0.000009	-0.000009	0.000056	0.000080

103	-0.000361	0.000084	0.000060	0.002489	0.002699	0.000245	-0.000542	-0.000060	-0.000116	0.000067	0.000139	0.000050
104	-0.001332	0.000697	0.000434	0.001510	0.000755	-0.000021	-0.000162	-0.000007	-0.000064	0.000024	0.000071	0.000073
105	-0.001232	-0.000275	-0.000608	0.001420	0.001305	-0.000893	-0.002370	0.000501	0.000482	0.000349	0.000488	-0.000209
106	-0.000339	0.001186	0.000820	0.002119	0.003137	-0.000569	-0.002049	0.000184	0.000434	0.000397	0.000412	-0.000050
107	-0.000119	0.000062	-0.000058	0.000717	0.000858	-0.001707	-0.009813	0.001992	0.001960	0.000327	0.000377	-0.000126
108	-0.000281	0.000181	-0.000018	0.000883	0.001063	0.000719	-0.002238	0.000580	0.000812	0.000400	0.000659	-0.001183
109	0.000120	-0.000003	0.000070	-0.000621	-0.000562	0.001811	0.000541	-0.001162	-0.000943	0.000104	0.000150	0.000481
110	0.000137	-0.000053	-0.000016	-0.000010	-0.000075	-0.000087	0.001535	0.000359	0.000166	-0.000357	-0.000558	-0.000191
111	0.000028	-0.000052	-0.000063	-0.000668	-0.000461	0.001279	-0.000080	-0.000968	-0.000765	0.000289	0.000322	0.000351
112	0.000146	-0.000100	0.000005	-0.000314	-0.000329	-0.000011	0.000940	0.000226	-0.000004	-0.000216	-0.000333	0.000015
113	0.003456	-0.004752	-0.004975	-0.006204	-0.004425	0.001627	0.000059	-0.000991	-0.000882	0.000359	0.000359	0.000242
114	0.002581	0.002526	0.006032	-0.011428	-0.011780	0.001431	0.000264	-0.000182	-0.000440	-0.000204	-0.000233	0.000157
115	0.000101	-0.000260	-0.000121	-0.000265	-0.000279	-0.002554	0.025384	0.002614	-0.000629	-0.007816	-0.007989	0.000747
116	0.000146	0.000004	0.000027	-0.000316	-0.000385	0.030857	0.006231	-0.019107	-0.017092	0.008753	0.005637	0.005238
117	-0.000071	0.000018	0.000416	-0.000604	0.000013	0.000455	0.001471	-0.001084	-0.001160	0.000368	0.000227	0.000651
118	-0.000050	-0.000328	-0.000450	0.001990	0.000429	0.000142	0.000235	-0.000276	-0.000142	-0.000031	-0.000045	0.000291
119	0.000220	-0.000261	-0.000021	0.000724	-0.000772	0.000844	0.000450	-0.000732	-0.000527	0.000124	0.000009	0.000419
120	-0.000093	-0.000148	-0.000278	0.001070	0.000387	-0.000534	-0.000301	0.000426	0.000108	-0.000073	0.000074	-0.000132
121	0.000098	0.000099	0.000247	-0.000703	-0.000415	0.000259	0.000220	-0.000228	-0.000075	0.000039	-0.000036	0.000077
122	-0.000005	0.000049	0.000032	-0.000371	0.000028	0.000274	0.000094	-0.000201	-0.000037	0.000037	-0.000039	0.000055
123	-0.000121	-0.000040	-0.000199	0.000532	0.000441	-0.000444	-0.000584	0.000459	0.000375	-0.000173	-0.000037	-0.000093
124	0.000066	0.000019	0.000128	-0.000182	-0.000310	0.000050	0.000490	-0.000237	-0.000145	0.000037	-0.000037	0.000121
125	0.000056	0.000021	0.000069	-0.000343	-0.000132	0.000396	0.000066	-0.000215	-0.000221	0.000130	0.000074	-0.000028
126	0.000126	-0.000235	-0.000223	0.000519	-0.000170	0.001422	0.000296	-0.001002	-0.000790	0.000333	0.000136	0.000359
127	0.000025	-0.000226	-0.000312	0.000851	0.000136	0.000195	0.000447	-0.000216	-0.000281	0.000001	-0.000046	0.000230
128	-0.000029	-0.000019	-0.000045	0.000117	0.000104	0.000000	-0.000143	0.000009	-0.000009	0.000047	0.000050	-0.000043
129	0.000026	0.000004	0.000032	-0.000049	-0.000097	0.000116	0.000579	-0.000284	-0.000264	0.000137	0.000017	0.000063
130	0.000031	0.000011	0.000030	-0.000058	-0.000110	0.000083	0.000046	-0.000087	0.000044	-0.000004	-0.000036	0.000044
131	-0.000017	-0.000001	-0.000021	0.000019	0.000064	0.000108	0.000190	-0.000127	-0.000108	0.000097	0.000024	0.000014
132	-0.000015	0.000009	-0.000010	0.000001	0.000046	-0.000057	-0.000332	0.000152	0.000116	-0.000096	-0.000018	-0.000028
133	0.000002	-0.000004	0.000011	-0.000028	0.000000	-0.000251	-0.000349	0.000340	0.000223	-0.000180	-0.000036	-0.000052
134	-0.000326	0.000081	0.000127	0.001100	0.000223	-0.006501	0.001720	0.002461	0.002325	0.000818	-0.000117	-0.002379
135	-0.000583	0.000114	0.000223	0.001312	0.000754	-0.004128	-0.008158	0.004529	0.004604	-0.001826	-0.001539	-0.000877
136	-0.000359	-0.000028	0.000017	0.000806	0.000623	0.002272	-0.003005	-0.000188	-0.000364	0.000731	0.000815	0.000054
137	-0.000135	0.000023	0.000024	0.000119	0.000262	-0.001351	-0.002043	0.001530	0.001222	0.000683	0.000290	-0.001655
138	-0.000089	-0.000040	-0.000048	0.000215	0.000200	-0.005480	0.001215	0.002358	0.001816	0.000789	0.000228	-0.002183
139	-0.000288	-0.000120	-0.000095	0.001073	0.000586	-0.001427	-0.000357	0.000605	0.000662	0.000103	0.000054	-0.000468
140	0.000000	-0.000045	-0.000079	0.000075	0.000055	-0.001883	-0.000314	0.001278	0.001130	0.000111	-0.000138	-0.001101
141	0.000007	-0.000020	-0.000052	0.000029	0.000034	-0.000735	-0.000507	0.000838	0.000704	-0.000082	-0.000160	-0.000662
142	-0.000203	0.000009	0.000040	0.000689	0.000200	-0.000932	0.000226	0.000216	0.000266	-0.000017	0.000026	-0.000106
143	-0.000246	-0.000068	0.000021	0.001016	0.000385	-0.001021	0.000577	0.000075	0.000115	-0.000024	0.000039	0.000073
144	-0.000305	-0.000425	0.000023	0.001408	0.001350	-0.000723	0.001658	0.000280	-0.000224	-0.000010	-0.000149	-0.000317
145	0.000258	-0.000430	-0.000078	0.000789	0.000206	-0.000038	0.000640	-0.000308	-0.000421	0.000048	0.000104	0.000185
146	0.000265	-0.000080	0.000091	-0.000554	-0.000255	0.000044	0.000426	-0.000156	-0.000244	0.000038	0.000028	0.000078
147	-0.000165	0.000764	0.000945	-0.001093	-0.000359	-0.000402	-0.000179	0.000479	0.000340	0.000030	-0.000101	-0.000351
148	-0.000316	-0.001336	-0.001818	-0.001830	-0.000377	-0.001669	0.002020	0.000891	0.000342	-0.000118	-0.000402	-0.000492
149	-0.001387	0.000540	0.001102	0.002131	0.000953	-0.001613	0.003874	0.001942	0.000197	-0.000496	-0.001227	-0.000880
150	-0.000660	-0.001133	-0.001731	0.004028	0.002194	-0.001420	0.003480	0.001222	0.000138	-0.000344	-0.000821	-0.000414
151	-0.000044	0.000746	0.000695	-0.000268	-0.000383	0.000559	0.000759	0.001039	-0.000167	0.000023	-0.000348	-0.000489
152	-0.000968	0.000640	0.000803	0.001336	0.000712	0.002918	-0.002724	0.000026	-0.000356	0.000713	0.000558	-0.000371

153	-0.001154	0.000523	0.000822	0.001880	0.000932	0.010810	-0.001791	0.000405	-0.001101	-0.002497	-0.002025	-0.000894
154	-0.000284	-0.000234	-0.000201	0.001116	0.000767	-0.002436	-0.000059	0.001537	0.001191	0.000180	-0.000150	-0.001241
155	-0.000248	-0.000098	0.000094	0.000851	0.000406	-0.001250	0.001000	0.000445	0.000275	-0.000080	-0.000150	-0.000233
156	-0.001748	-0.007165	-0.008659	0.009745	0.007247	-0.001088	0.001250	0.001130	0.000569	-0.000197	-0.000552	-0.000739
157	-0.000657	0.000075	0.000282	0.001231	0.000574	0.002660	-0.000939	0.011478	0.010452	-0.009500	-0.008426	-0.003765
158	0.000006	-0.000072	-0.000136	0.000560	0.000024	-0.000128	0.000068	0.000148	-0.000049	0.000021	0.000047	-0.000077
159	0.000044	-0.000155	-0.000318	0.001334	-0.000052	0.000326	-0.003689	0.000944	0.001098	-0.000869	0.000030	-0.000002
160	0.000032	-0.000093	-0.000225	0.000916	-0.000034	0.000282	-0.003671	0.000945	0.001197	-0.000860	-0.000009	-0.000013
161	0.000001	0.000056	0.000090	-0.000522	0.000037	-0.000364	-0.000165	0.000483	0.000208	-0.000280	-0.000113	-0.000028
162	0.000071	-0.000054	-0.000050	-0.000120	-0.000169	-0.000100	0.000171	0.000026	0.000010	-0.000013	-0.000032	-0.000019
163	0.000003	0.000169	0.000393	-0.002776	0.000301	0.000059	-0.002339	0.000628	0.001101	-0.000701	-0.000250	0.000017
164	-0.000051	-0.000089	-0.000015	0.001406	0.001148	0.003460	-0.001554	-0.000821	-0.000564	-0.001309	-0.001389	0.001630
165	-0.000017	0.000072	0.000064	-0.000043	-0.000026	-0.002251	-0.002350	0.001546	0.001432	0.000361	0.000425	-0.001013
166	0.000194	0.000040	0.000059	-0.000290	-0.000529	0.000139	-0.000377	-0.000473	-0.000223	-0.000834	-0.000044	0.001437
167	-0.000020	-0.000033	-0.000098	0.000130	0.000082	-0.001681	-0.000569	0.001482	0.001295	-0.000164	-0.000288	-0.001093
168	-0.000028	0.000023	0.000030	0.000033	-0.000025	-0.000146	0.000027	-0.000026	0.000007	0.000064	0.000045	-0.000019
169	0.000311	-0.000003	-0.000044	-0.001062	-0.000327	0.001485	-0.000395	-0.000429	-0.000479	0.000124	0.000033	0.000153
170	0.000477	-0.000469	-0.000983	-0.000966	-0.000409	0.000349	-0.001273	0.000451	0.000528	-0.000116	-0.000089	-0.000383
171	-0.000239	-0.000121	-0.000293	0.000656	0.000267	0.000643	-0.001334	0.000028	0.000166	0.000059	0.000085	-0.000110
172	0.001255	0.000548	0.000743	-0.000969	-0.001082	0.000973	-0.000707	-0.000689	-0.000333	-0.000024	0.000214	0.000454
173	0.001048	-0.001269	-0.001252	-0.000321	-0.001263	-0.002085	0.000669	0.001763	0.000832	0.000083	-0.000440	-0.001151
174	-0.000616	0.000503	0.000382	0.001004	0.000816	-0.001731	-0.000450	-0.000085	0.000799	-0.000138	-0.000117	-0.000155
175	0.000775	-0.000534	-0.000983	-0.000952	0.000079	-0.002125	0.004907	-0.001089	-0.001743	0.001163	0.000938	0.001755
176	0.000673	0.000343	0.000195	-0.002278	-0.001451	-0.001649	-0.002249	0.002897	0.002373	-0.000501	-0.000784	-0.002089
177	-0.000500	-0.000140	-0.000005	0.002096	0.000629	-0.003119	0.001738	-0.000218	0.000183	0.000335	0.000463	0.000349
178	-0.000397	0.000045	0.000100	0.001021	0.000100	0.001032	0.000806	-0.001899	-0.001387	0.000278	0.000552	0.001451
179	0.000113	0.000467	0.000417	-0.001084	-0.000111	-0.000835	-0.001041	0.001403	0.001112	0.000009	-0.000316	-0.001105
180	0.002825	0.004410	0.005268	-0.008682	-0.004125	0.000531	-0.003066	0.000647	0.001031	0.000144	0.000064	-0.000779
181	-0.000780	-0.005369	-0.006220	0.005494	0.001643	0.001476	-0.003571	-0.001018	-0.000254	0.000560	0.000865	0.000192
182	-0.001167	-0.000240	-0.000218	0.002505	0.002485	-0.025026	0.033479	-0.007108	-0.007774	0.006158	0.006256	0.005101
183	-0.000077	0.000260	0.000283	-0.000354	-0.000022	0.033994	-0.026599	0.003483	0.002602	-0.007067	-0.007110	-0.002081
184	0.000057	0.000045	-0.000011	-0.000180	-0.000050	0.000384	-0.003240	0.000778	0.000842	-0.000790	0.000093	0.000057
185	0.000071	-0.000199	-0.000372	0.001875	-0.000249	0.000889	-0.004051	0.000565	0.000994	-0.000802	0.000072	0.000136
186	-0.000020	-0.000014	-0.000040	0.000088	0.000085	0.000086	0.000713	-0.000355	-0.000273	0.000267	0.000043	0.000006
187	-0.000039	0.000146	0.000319	-0.001438	0.000109	-0.000981	0.003696	-0.000306	-0.000932	0.000685	-0.000038	-0.000185
188	-0.000068	0.000026	0.000117	-0.000395	0.000102	-0.000387	0.003039	-0.000718	-0.000691	0.000671	-0.000167	-0.000008
189	-0.000001	-0.000006	-0.000010	0.000010	0.000017	-0.000049	0.000200	-0.000025	-0.000080	0.000022	-0.000014	-0.000003
190	0.000136	-0.000111	-0.000085	-0.000212	-0.000127	0.000696	-0.000032	-0.000261	-0.000188	0.000004	-0.000021	0.000053
191	0.000058	-0.000253	-0.000189	0.000326	0.000110	0.000016	0.000925	-0.000280	-0.000099	-0.000021	-0.000109	0.000155
192	-0.000047	0.000069	0.000065	0.000076	-0.000038	-0.000160	-0.000058	0.000072	0.000075	-0.000031	-0.000002	-0.000004
193	0.000070	0.000014	0.000013	-0.000235	-0.000146	0.000168	0.000203	-0.000143	-0.000136	0.000021	0.000003	0.000042
194	0.000172	-0.000032	0.000000	-0.000402	-0.000387	0.000411	0.000308	-0.000238	-0.000097	-0.000082	-0.000112	0.000125
195	-0.000011	0.000166	0.000170	-0.000218	-0.000365	0.000906	-0.000086	-0.000468	-0.000332	0.000114	0.000059	0.000057
196	-0.000002	-0.000008	-0.000006	-0.000009	0.000025	-0.000200	0.000089	0.000055	0.000040	0.000005	0.000001	-0.000012
197	0.000053	-0.000018	0.000010	-0.000088	-0.000140	0.000164	0.000173	-0.000144	-0.000087	0.000007	-0.000006	0.000064
198	0.000044	-0.000013	0.000005	-0.000066	-0.000115	0.000083	0.000170	-0.000101	-0.000057	-0.000005	-0.000014	0.000057
199	0.000047	-0.000013	0.000009	-0.000086	-0.000148	0.000167	0.000266	-0.000151	-0.000081	-0.000012	-0.000046	0.000077
200	-0.000018	-0.000006	-0.000013	0.000024	0.000051	0.000063	-0.000012	-0.000002	-0.000015	-0.000020	-0.000025	-0.000010
201	0.000027	-0.000039	0.000013	-0.000093	-0.000079	0.000715	-0.000395	-0.000154	-0.000158	0.000086	0.000042	-0.000080
202	0.000129	-0.000068	0.000019	-0.000204	-0.000388	0.000549	0.000400	-0.000482	-0.000304	0.000049	0.000026	0.000234

203	0.000009	0.000007	-0.000010	0.000040	0.000010	0.000258	-0.000062	-0.000191	-0.000150	0.000026	0.000059	0.000103
204	0.000032	-0.000029	-0.000008	-0.000022	-0.000057	0.000075	-0.000172	0.000059	0.000044	0.000014	0.000001	-0.000088
205	0.000118	-0.000047	0.000041	-0.000115	-0.000234	-0.000520	0.001105	0.000086	0.000148	-0.000139	-0.000217	-0.000001
206	0.000019	0.000010	0.000063	-0.000215	-0.000269	0.000048	0.000657	-0.000274	-0.000178	-0.000010	-0.000015	0.000196
207	-0.000031	0.000001	-0.000009	0.000025	0.000055	-0.000072	0.000011	0.000056	0.000016	-0.000011	-0.000006	-0.000027
208	0.000058	-0.000028	-0.000011	-0.000062	-0.000117	0.000180	0.000146	-0.000123	-0.000076	-0.000004	-0.000017	0.000049
209	0.000054	-0.000015	-0.000003	-0.000047	-0.000111	0.000123	0.000134	-0.000110	-0.000053	-0.000001	-0.000011	0.000050
210	0.000081	-0.000018	0.000032	-0.000107	-0.000200	0.000185	0.000174	-0.000159	-0.000085	0.000015	-0.000005	0.000057
211	-0.000016	0.000028	0.000063	-0.000018	-0.000023	-0.000149	0.000122	0.000041	0.000026	-0.000012	-0.000006	-0.000006
212	-0.514478	-0.515245	-0.552041	0.132410	0.137838	0.000208	0.000421	-0.000135	-0.000111	0.000028	-0.000049	0.000006
213	0.148807	-0.574561	-0.538835	-0.537386	-0.572875	0.000160	0.000322	-0.000202	-0.000042	0.000001	-0.000053	0.000113
214	0.289660	0.153994	0.151032	-0.567987	-0.532510	0.000086	0.000205	-0.000137	-0.000099	0.000036	0.000020	0.000057
215	0.517539	0.525901	0.297994	0.159518	0.158230	0.000037	-0.000201	0.000045	0.000062	-0.000001	0.000021	-0.000031
216	0.150547	0.288382	0.518789	0.531598	0.303005	0.000622	0.000430	-0.000407	-0.000243	0.000050	-0.000063	0.000143
217	-0.553525	0.145484	0.146475	0.268165	0.510105	0.000794	-0.000271	-0.000291	-0.000243	0.000114	0.000055	0.000032
218	-0.002671	-0.004746	-0.004476	0.003045	0.012861	-0.000029	-0.000017	0.000051	0.000031	-0.000002	-0.000002	-0.000048
219	-0.056552	0.011689	0.000000	-0.005358	-0.005390	0.000123	0.000236	-0.000123	-0.000060	-0.000018	-0.000041	0.000076
220	0.118971	-0.066244	-0.056642	0.010262	-0.001181	0.000131	0.000123	-0.000115	-0.000052	-0.000002	-0.000009	0.000060
221	-0.067232	0.119064	0.119388	-0.065121	-0.054877	0.000202	0.000124	-0.000160	-0.000077	0.000013	-0.000010	0.000067
222	0.008460	-0.055014	-0.064495	0.116065	0.124134	-0.000024	-0.000074	0.000000	0.000008	0.000052	0.000029	-0.000029
223	0.000047	-0.000096	-0.000072	-0.000088	-0.000141	0.235468	0.557608	0.514551	0.265244	0.144675	0.143290	-0.552802
224	0.000097	-0.000052	0.000013	-0.000105	-0.000300	0.144996	0.131968	0.301981	0.529671	0.519188	0.289500	0.149248
225	0.000039	-0.000021	-0.000011	-0.000091	-0.000168	-0.567972	-0.584250	0.158578	0.160652	0.297201	0.525396	0.516312
226	-0.000012	0.000009	-0.000015	0.000029	0.000049	-0.581973	-0.567681	-0.532461	-0.566672	0.150269	0.153775	0.288244
227	0.000143	-0.000070	-0.000005	-0.000235	-0.000338	0.139643	0.139576	-0.572944	-0.537110	-0.537307	-0.572561	0.150725
228	0.000051	-0.000094	-0.000059	-0.000017	-0.000138	0.547070	0.243540	0.138847	0.133169	-0.550285	-0.513510	-0.512749
229	-0.000012	0.000009	-0.000001	0.000001	-0.000008	-0.050204	-0.083045	0.124747	0.113604	-0.064080	-0.054553	0.008206
230	0.000065	-0.000021	0.000018	-0.000085	-0.000162	-0.004176	0.009319	-0.054723	-0.065181	0.119218	0.119027	-0.067271
231	0.000047	-0.000023	-0.000007	-0.000047	-0.000105	-0.005483	-0.004620	-0.001030	0.010381	-0.056560	-0.066076	0.119540
232	0.000061	-0.000030	-0.000006	-0.000080	-0.000137	0.008569	-0.003349	-0.005568	-0.005525	0.000069	0.011791	-0.056715
233	-0.000014	-0.000006	-0.000030	0.000030	0.000039	-0.081245	-0.049250	0.013752	0.003442	-0.004434	-0.004687	-0.002712
234	0.000451	0.000166	0.000209	-0.001557	-0.001334	0.001723	0.000514	-0.000923	-0.000636	0.000090	-0.000027	0.000207
235	-0.000033	-0.000397	-0.000227	0.000901	0.000278	0.000528	0.000859	-0.000481	-0.000177	-0.000027	-0.000148	0.000275
236	-0.000219	0.000007	-0.000059	0.000565	0.000604	-0.000840	-0.000535	0.000511	0.000300	0.000010	0.000091	-0.000190
237	-0.000158	-0.000032	-0.000076	0.000504	0.000460	-0.000872	0.000051	0.000389	0.000304	-0.000065	-0.000024	-0.000095
238	0.000040	0.000035	0.000033	-0.000196	-0.000118	0.000156	-0.000116	-0.000024	-0.000044	0.000016	0.000014	-0.000002
239	0.000019	0.000034	0.000021	-0.000141	-0.000030	-0.000006	-0.000189	0.000076	0.000012	-0.000004	0.000024	-0.000037
240	0.000061	-0.000059	-0.000026	-0.000031	-0.000108	0.000186	0.000287	-0.000179	-0.000095	0.000005	-0.000028	0.000080
241	0.000073	-0.000074	-0.000036	-0.000043	-0.000112	0.000140	0.000340	-0.000182	-0.000090	0.000000	-0.000036	0.000092
242	-0.000071	0.000024	0.000014	0.000168	0.000106	-0.000310	0.000016	0.000139	0.000117	-0.000023	-0.000005	-0.000034
243	-0.000038	0.000005	0.000014	0.000108	0.000019	-0.000154	0.000214	0.000036	0.000058	-0.000043	-0.000049	0.000017
244	-0.000030	0.000147	0.000089	-0.000214	-0.000001	-0.000280	-0.000508	0.000248	0.000108	0.000007	0.000063	-0.000099
245	-0.000098	0.000143	0.000045	-0.000064	0.000235	-0.000271	-0.000935	0.000390	0.000143	0.000034	0.000128	-0.000213
246	0.000166	-0.000079	0.000081	-0.000489	-0.000548	-0.000648	0.001639	0.000264	0.000281	-0.000149	-0.000403	-0.000216
247	0.000254	-0.000105	0.000039	-0.000354	-0.000686	0.001836	0.000347	-0.001363	-0.000937	0.000186	0.000197	0.000675
248	-0.000181	0.000089	-0.000024	0.000272	0.000432	-0.000083	-0.000887	0.000172	0.000047	0.000053	0.000166	-0.000052
249	-0.000091	0.000044	-0.000017	0.000170	0.000224	0.000289	-0.000800	-0.000059	-0.000102	0.000091	0.000177	0.000022
250	0.000008	-0.000013	-0.000015	0.000003	0.000018	-0.000025	-0.000046	0.000096	0.000068	-0.000014	-0.000031	-0.000076
251	-0.000026	0.000001	-0.000022	0.000063	0.000114	-0.000171	-0.000136	0.000194	0.000129	-0.000025	-0.000030	-0.000117
252	0.000078	-0.000039	-0.000002	-0.000084	-0.000178	0.000002	0.000397	-0.000113	-0.000037	-0.000025	-0.000056	0.000074

253	0.000089	-0.000045	0.000000	-0.000085	-0.000186	0.000030	0.000378	-0.000118	-0.000038	-0.000022	-0.000056	0.000070
254	-0.000030	0.000032	0.000009	0.000018	0.000047	0.000184	-0.000198	-0.000117	-0.000108	0.000049	0.000080	0.000060
255	0.000011	0.000016	0.000035	-0.000061	-0.000080	0.000311	-0.000074	-0.000208	-0.000173	0.000057	0.000065	0.000090
256	-0.000081	0.000021	-0.000038	0.000252	0.000317	-0.000799	-0.000164	0.000553	0.000409	-0.000113	-0.000079	-0.000231
257	-0.000194	0.000077	-0.000045	0.000297	0.000525	-0.000927	-0.000453	0.000700	0.000461	-0.000090	-0.000033	-0.000299
258	0.019683	-0.106311	-0.020750	-0.310536	-0.349760	0.001939	0.000013	-0.000694	-0.000559	0.000028	-0.000120	0.000160
259	0.020473	-0.169412	-0.105525	-0.310166	-0.339002	-0.000150	0.001437	-0.000478	-0.000221	0.000014	-0.000114	0.000309
260	-0.169924	0.006858	0.007915	-0.104190	-0.016209	-0.000721	-0.000517	0.000457	0.000277	0.000009	0.000104	-0.000191
261	-0.104059	0.009614	0.008182	-0.165674	-0.102538	-0.000520	-0.000255	0.000245	0.000201	0.000004	0.000063	-0.000086
262	-0.285349	-0.102126	-0.166962	0.009398	0.009228	-0.000024	0.000058	0.000033	0.000023	-0.000036	-0.000030	-0.000008
263	-0.313770	-0.014485	-0.101985	0.010286	0.007612	-0.000133	-0.000082	0.000115	0.000063	-0.000024	-0.000001	-0.000045
264	0.559754	-0.313771	-0.285054	-0.105179	-0.170748	0.000178	0.000286	-0.000185	-0.000099	-0.000004	-0.000038	0.000102
265	1.066750	-0.356821	-0.312942	-0.017975	-0.105792	0.000217	0.000227	-0.000182	-0.000091	-0.000007	-0.000036	0.000089
266	-0.356821	1.069970	0.560294	-0.305258	-0.278541	-0.000093	-0.000120	0.000051	0.000029	0.000011	0.000037	-0.000022
267	-0.312942	0.560294	1.069160	-0.346607	-0.305721	0.000034	0.000028	-0.000044	-0.000034	0.000024	0.000007	0.000021
268	-0.017975	-0.305258	-0.346607	1.075530	0.570315	-0.000310	-0.000350	0.000260	0.000196	-0.000022	0.000030	-0.000121
269	-0.105792	-0.278541	-0.305721	0.570315	1.081080	-0.000419	-0.000723	0.000424	0.000217	0.000003	0.000098	-0.000209
270	0.000217	-0.000093	0.000034	-0.000310	-0.000419	1.211590	0.459375	-0.342352	-0.309866	-0.102889	-0.165909	0.023737
271	0.000227	-0.000120	0.000028	-0.000350	-0.000723	0.459375	1.206120	-0.344530	-0.312797	-0.022811	-0.109141	0.017457
272	-0.000182	0.000051	-0.000044	0.000260	0.000424	-0.342352	-0.344530	1.085700	0.569059	-0.306985	-0.280333	-0.106063
273	-0.000091	0.000029	-0.000034	0.000196	0.000217	-0.309866	-0.312797	0.569059	1.076380	-0.346157	-0.305265	-0.018297
274	-0.000007	0.000011	0.000024	-0.000022	0.000003	-0.102889	-0.022811	-0.306985	-0.346157	1.069100	0.560044	-0.313170
275	-0.000036	0.000037	0.000007	0.000030	0.000098	-0.165909	-0.109141	-0.280333	-0.305265	0.560044	1.070670	-0.356925
276	0.000089	-0.000022	0.000021	-0.000121	-0.000209	0.023737	0.017457	-0.106063	-0.018297	-0.313170	-0.356925	1.065180
277	0.000080	-0.000017	0.000023	-0.000118	-0.000191	0.025898	0.015365	-0.170938	-0.105345	-0.285200	-0.313758	0.559048
278	-0.000031	0.000019	-0.000001	0.000040	0.000047	-0.111306	-0.165207	0.008229	0.011108	-0.101934	-0.014645	-0.313764
279	0.000004	-0.000007	0.000001	-0.000002	-0.000034	-0.026989	-0.100181	0.009727	0.010093	-0.166923	-0.102325	-0.285064
280	-0.000094	0.000064	-0.000002	0.000105	0.000247	-0.314247	-0.305551	-0.103910	-0.165250	0.008477	0.010072	-0.103363
281	-0.000176	0.000049	-0.000057	0.000290	0.000540	-0.347158	-0.337941	-0.017541	-0.103601	0.008458	0.007516	-0.168735
282	0.000124	0.000000	-0.000028	-0.000152	-0.000025	-0.000664	0.000695	0.000465	0.000317	-0.000169	-0.000277	-0.000231
283	0.000041	-0.000005	0.000001	-0.000053	-0.000049	-0.000470	0.000193	0.000208	0.000163	-0.000031	-0.000047	-0.000069
284	-0.000001	-0.000027	-0.000017	0.000016	0.000011	0.000121	0.000143	-0.000109	-0.000064	-0.000005	-0.000015	0.000046
285	0.000001	-0.000007	-0.000005	0.000003	0.000006	0.000108	0.000037	-0.000057	-0.000038	-0.000005	-0.000012	0.000026
286	-0.000023	0.000031	0.000022	-0.000002	-0.000001	0.000126	-0.000036	-0.000076	-0.000063	0.000022	0.000021	0.000034
287	-0.000013	0.000006	0.000025	-0.000027	-0.000052	0.000156	0.000112	-0.000172	-0.000101	0.000034	0.000027	0.000068
288	-0.000035	0.000002	-0.000051	-0.000183	-0.000075	0.000065	-0.000217	-0.000127	-0.000057	0.000120	0.000133	-0.000052
289	-0.000018	0.000020	-0.000041	-0.000021	0.000023	0.000050	0.000034	-0.000056	-0.000038	0.000028	0.000016	-0.000001
290	0.000038	-0.000019	0.000023	-0.000036	-0.000078	0.000014	0.000098	-0.000015	-0.000009	-0.000012	-0.000021	0.000016
291	0.000027	-0.000011	0.000014	-0.000017	-0.000048	0.000072	-0.000080	0.000019	-0.000016	0.000009	0.000013	0.000000
292	0.000024	-0.000021	-0.000006	0.000012	-0.000012	-0.000033	-0.000042	0.000026	0.000024	-0.000005	-0.000003	0.000001
293	0.000049	-0.000020	0.000001	-0.000053	-0.000089	0.000010	0.000138	-0.000009	-0.000006	-0.000018	-0.000038	0.000027
294	0.001449	-0.000185	0.000380	-0.003881	-0.001105	0.000078	0.000030	-0.000309	-0.000157	0.000172	0.000191	0.000068
295	-0.000047	-0.001347	-0.000809	0.003834	0.005051	-0.000077	-0.000242	0.000052	0.000049	-0.000006	0.000054	-0.000021
296	0.000674	-0.002242	-0.002892	0.001167	0.001064	0.000073	0.000052	-0.000036	-0.000019	0.000003	-0.000020	0.000021
297	0.000625	-0.000303	0.000488	-0.000649	-0.000457	0.000154	-0.000018	-0.000075	-0.000049	0.000019	0.000003	0.000023
298	-0.001078	-0.000415	-0.000665	0.000825	-0.000175	0.000053	0.000149	-0.000035	-0.000025	-0.000012	-0.000034	0.000017
299	-0.000953	-0.000604	-0.000570	-0.002134	-0.001115	0.000153	0.000021	0.000002	-0.000038	-0.000035	-0.000038	-0.000006
300	0.000034	0.000105	0.000087	-0.000119	-0.000160	0.025341	-0.017017	-0.005716	-0.003260	0.000661	0.000962	0.001453
301	-0.000040	0.000040	0.000011	0.000103	0.000135	0.002865	-0.004745	-0.002407	-0.003416	-0.000296	-0.000001	-0.001105
302	0.000007	-0.000020	-0.000012	-0.000016	-0.000024	-0.000854	0.001664	0.000702	-0.000423	0.000923	0.000378	0.001595

303	0.000019	-0.000031	-0.000020	0.000002	-0.000023	-0.004113	0.001600	0.001178	0.001250	0.000343	0.001196	-0.001648
304	0.000021	-0.000027	-0.000011	-0.000039	-0.000069	-0.001406	-0.001116	-0.000266	0.000132	0.001758	0.001058	-0.000071
305	-0.000016	-0.000053	-0.000039	0.000049	0.000046	0.000429	0.002905	0.000947	0.001326	-0.000101	-0.000888	-0.000510
306	0.000018	-0.000109	-0.000059	0.000115	0.000148	-0.001286	0.001213	0.000275	0.000279	-0.000070	-0.000141	-0.000110
307	0.000060	0.000027	0.000013	-0.000097	-0.000060	-0.000349	0.000337	0.000225	0.000165	-0.000086	-0.000134	-0.000100
308	0.000022	-0.000037	-0.000029	0.000003	0.000015	0.000005	0.000094	0.000011	0.000020	-0.000018	-0.000037	-0.000014
309	-0.000010	0.000006	0.000002	0.000008	0.000021	-0.000056	-0.000015	0.000028	0.000006	-0.000002	0.000006	-0.000009
310	-0.000005	0.000010	-0.000002	0.000015	0.000012	0.000104	-0.000044	-0.000029	-0.000030	0.000002	0.000002	0.000014
311	0.000003	-0.000029	-0.000008	0.000008	-0.000016	0.000073	-0.000048	-0.000047	-0.000005	0.000001	0.000011	0.000012
312	-0.000070	0.000021	0.000023	0.000066	0.000029	0.000216	-0.000317	-0.000185	-0.000151	0.000101	0.000150	0.000096
313	0.000064	0.000020	-0.000115	-0.000286	-0.000163	-0.001051	0.001089	0.000319	0.000291	-0.000147	-0.000231	-0.000001
314	-0.000020	-0.000015	-0.000037	-0.000033	-0.000005	0.000168	-0.000335	-0.000069	-0.000058	0.000072	0.000101	-0.000046
315	0.000012	0.000015	0.000012	-0.000081	-0.000068	0.000009	0.000125	-0.000049	-0.000020	0.000010	-0.000006	0.000017
316	-0.000002	-0.000009	-0.000004	0.000031	0.000033	-0.000080	0.000017	0.000035	0.000030	-0.000011	-0.000009	-0.000002
317	-0.000012	-0.000002	0.000013	0.000023	0.000005	0.000062	-0.000141	0.000002	-0.000010	0.000011	0.000026	-0.000016
318	0.000004	0.000009	0.000010	-0.000011	-0.000007	0.000018	0.000104	-0.000010	-0.000013	-0.000018	-0.000024	0.000014
319	0.000018	0.000002	0.000007	0.000071	0.000041	-0.000169	0.000227	0.000085	0.000067	-0.000061	-0.000086	0.000037
320	0.001954	-0.006465	-0.006610	-0.009716	-0.001297	0.000537	-0.000858	-0.000045	-0.000044	-0.000071	0.000047	0.000014
321	-0.000116	0.000951	0.001290	0.000275	-0.000159	0.000290	-0.000229	-0.000208	-0.000130	0.000114	0.000128	0.000027
322	-0.000153	-0.000913	-0.000427	-0.000587	0.000204	-0.000007	0.000029	-0.000035	-0.000021	0.000015	0.000018	0.000015
323	0.000324	-0.000165	-0.000001	0.000134	0.000145	-0.000146	0.000125	0.000037	0.000046	-0.000017	-0.000028	0.000004
324	0.001566	0.000542	0.000685	-0.001325	-0.001562	0.000105	-0.000046	-0.000044	-0.000030	0.000023	0.000014	0.000005
325	0.000078	0.001260	0.002293	-0.001679	-0.001780	0.000062	-0.000114	0.000013	-0.000016	0.000006	0.000009	-0.000012
326	-0.001121	-0.002047	-0.002394	0.000366	0.002949	-0.000307	0.000236	0.000238	0.000152	-0.000141	-0.000142	-0.000039
327	-0.000107	-0.000031	-0.000053	0.000554	0.000513	0.040076	0.019186	-0.007442	-0.010379	-0.007807	-0.006703	0.001424
328	0.000017	0.000039	0.000028	-0.000025	-0.000065	0.002668	-0.004680	-0.000070	0.000644	-0.000905	-0.000087	-0.000360
329	-0.000002	0.000013	0.000009	-0.000012	-0.000010	0.005935	0.000731	-0.002052	-0.002733	0.001331	0.000383	-0.000980
330	0.000009	0.000006	0.000008	-0.000024	-0.000021	0.003154	-0.001267	-0.000998	-0.000968	-0.000013	-0.000069	0.000469
331	0.000015	-0.000015	-0.000007	-0.000012	-0.000025	-0.003589	0.001944	0.001061	0.001481	-0.000640	-0.000447	0.001528
332	-0.000021	0.000017	0.000006	0.000008	0.000022	-0.004226	0.002291	0.001664	0.000957	-0.001126	-0.001230	-0.000200
333	-0.000018	-0.000060	-0.000044	0.000064	0.000099	-0.004390	0.002199	0.002099	0.001902	0.000097	-0.000454	-0.000430

	277	278	279	280	281	282	283	284	285	286	287	288
1	-0.000487	0.000088	-0.000277	0.001035	0.001215	0.000226	-0.000260	0.000042	0.000002	-0.000023	-0.000261	-0.000285
2	0.001241	0.000343	0.001596	-0.004163	-0.003708	0.000786	0.001305	-0.000475	-0.000350	-0.000212	0.000180	-0.000613
3	0.002002	-0.001328	-0.000664	-0.002459	-0.000663	-0.043283	0.001499	0.000912	0.003620	0.001196	-0.000469	0.000553
4	0.001180	0.000245	0.000540	-0.002568	-0.002438	0.042912	-0.001344	-0.001047	-0.003377	-0.000585	0.001401	0.037914
5	0.001402	-0.000778	-0.000413	-0.001732	-0.001996	0.000186	-0.000245	-0.000373	-0.000469	-0.000159	-0.000265	-0.038261
6	0.000006	0.001483	0.002146	-0.002662	-0.002833	0.003062	0.000345	-0.000110	0.000042	0.000113	-0.000722	0.001186
7	0.000107	-0.000202	-0.000219	0.000034	-0.000439	-0.000968	-0.000113	0.000134	0.000129	0.000094	0.000613	0.000809
8	0.004707	-0.004491	-0.003330	-0.011134	-0.008032	0.007205	-0.001888	-0.000689	-0.001041	0.000541	0.002280	0.000565
9	-0.000811	0.001241	0.001034	0.003441	0.003565	-0.069780	0.005384	0.002013	0.006487	0.000809	-0.004792	-0.000801
10	0.000408	0.000261	0.000752	-0.002434	-0.002719	0.075765	-0.005529	-0.001374	-0.006939	-0.001975	0.003973	-0.009441
11	0.000329	-0.000512	-0.000610	0.000664	0.000567	-0.010494	0.002203	-0.000278	0.001439	0.001010	-0.000828	0.067943
12	0.000061	0.000371	0.000340	-0.000020	-0.000472	-0.001031	-0.000366	0.000332	-0.000154	-0.000424	0.000215	-0.063522
13	0.000691	-0.000963	-0.000450	-0.001694	-0.001952	0.000205	0.000281	-0.000234	0.000030	0.000138	-0.000174	0.007438
14	-0.000647	0.000964	0.000294	0.003700	0.005036	-0.000126	-0.000348	-0.000137	-0.000108	0.000168	0.000178	0.000850
15	0.001782	0.000779	0.002833	-0.011228	-0.014030	0.001520	0.000576	0.000361	0.000126	-0.000282	-0.000303	-0.000003
16	0.000635	-0.000938	-0.001730	-0.007335	-0.000409	0.020262	-0.002147	-0.001085	-0.002732	-0.000780	0.002390	-0.001060

17	0.001289	-0.000809	0.000595	-0.004896	-0.004270	0.000631	-0.000801	0.001262	0.000692	0.000314	0.000756	-0.000042
18	-0.002088	-0.000550	-0.000909	0.006290	0.004530	-0.028037	0.000599	0.000351	0.002651	0.001873	-0.002403	0.000148
19	-0.000079	-0.000167	-0.000161	-0.000355	0.000133	0.035317	-0.002235	-0.002631	-0.003708	-0.000630	-0.002029	-0.025590
20	0.000172	-0.000180	-0.000117	0.000563	-0.000233	-0.002103	0.000697	-0.000093	-0.000263	-0.001045	-0.000535	-0.002317
21	-0.000131	-0.000033	0.000033	-0.000492	-0.000165	-0.027962	0.002109	0.001180	0.003571	0.001584	-0.000161	0.031487
22	-0.000156	-0.000071	0.000011	-0.000165	-0.000130	0.000692	0.000411	-0.000072	0.000045	-0.000168	-0.000508	-0.026861
23	0.000060	-0.000069	-0.000019	0.000199	-0.000255	-0.000207	0.000129	0.000026	0.000091	0.000078	0.000354	0.000894
24	-0.000165	0.000143	0.000196	-0.000197	-0.000212	-0.001119	-0.000013	0.000211	0.000088	-0.000077	0.000021	0.019560
25	-0.001877	0.000865	0.000267	0.003483	0.004457	0.001080	0.000057	0.000140	-0.000001	-0.000205	-0.000013	-0.000363
26	0.001169	-0.000549	0.000608	-0.003813	-0.004282	-0.000751	0.000137	-0.000035	0.000033	0.000052	0.000257	-0.000705
27	0.000218	-0.000789	-0.000830	-0.002137	-0.003274	-0.000678	-0.000479	0.000248	-0.000001	0.000023	0.000405	0.000705
28	0.000626	-0.001306	-0.000217	-0.002981	-0.002812	-0.045319	0.007994	0.001004	0.006000	0.004232	-0.006101	-0.001254
29	-0.001110	0.000198	-0.000684	0.004581	0.004168	0.054383	-0.006734	-0.004522	-0.006875	-0.001707	0.005548	0.000076
30	-0.000300	-0.000082	-0.000092	0.001024	0.000408	0.000534	0.001052	0.000804	0.000256	-0.000907	0.000066	0.048092
31	-0.000478	0.000039	-0.000046	0.000273	0.000249	-0.001130	0.000146	-0.000426	0.000395	0.000818	0.000038	-0.041824
32	-0.001412	0.000780	-0.000056	0.003963	0.004238	0.000377	-0.000242	0.000200	0.000079	-0.000021	0.000586	-0.000970
33	0.000142	0.000026	0.000974	-0.003570	-0.004335	-0.001600	0.000331	0.000059	0.000129	-0.000048	-0.000128	-0.000970
34	0.004956	0.004367	0.005730	-0.007119	-0.004043	-0.001317	-0.000408	-0.000725	-0.000151	0.000568	0.000663	-0.001440
35	0.006411	0.000408	0.000236	-0.008841	-0.001432	-0.002718	-0.000518	0.001299	0.000168	-0.000602	0.001167	0.000735
36	-0.001850	0.000067	0.000236	0.000478	0.001996	0.000175	-0.000048	0.000056	0.000084	0.000029	-0.000035	-0.000304
37	0.000186	-0.000089	0.000024	-0.000249	-0.000418	0.010545	-0.002280	0.000584	-0.001225	-0.000429	0.001793	0.000149
38	0.000061	-0.000014	0.000015	-0.000084	-0.000136	-0.011896	0.001407	0.000583	0.001437	-0.000606	-0.001643	-0.000254
39	0.000041	0.000007	0.000008	-0.000068	-0.000112	-0.000065	-0.000010	-0.000028	-0.000078	-0.000076	-0.000102	-0.011603
40	0.000026	0.000016	0.000022	-0.000056	-0.000113	-0.000107	-0.000004	0.000006	-0.000005	0.000000	0.000024	0.009863
41	0.000024	-0.000005	0.000026	-0.000067	-0.000119	0.000061	0.000038	-0.000011	-0.000001	-0.000006	-0.000007	-0.000003
42	0.000144	-0.000072	0.000013	-0.000252	-0.000344	0.000031	0.000024	-0.000004	0.000002	-0.000007	0.000007	-0.000001
43	-0.001564	0.000105	0.000018	0.001524	0.001452	-0.000004	0.000010	0.000012	0.000008	-0.000002	0.000024	-0.000045
44	0.000022	-0.000053	0.000013	-0.000142	-0.000093	0.004817	-0.004841	0.000135	-0.001050	-0.002057	-0.005897	-0.000023
45	0.000104	-0.000222	-0.000149	-0.000063	-0.000148	-0.000098	0.000133	-0.000050	-0.000012	-0.000022	-0.000133	0.002998
46	0.000011	-0.000080	-0.000024	0.000001	-0.000077	-0.000002	0.000027	0.000048	0.000014	-0.000034	0.000041	0.000342
47	0.000119	-0.025903	-0.017162	-0.101429	-0.129015	-0.000168	-0.000223	0.000085	0.000015	0.000090	0.000150	-0.000118
48	-0.000294	0.000220	0.000141	0.000075	0.000267	-0.000465	-0.000002	0.000066	0.000157	0.000119	0.000414	-0.000184
49	0.000313	-0.000290	-0.000268	-0.000262	-0.000601	0.000172	-0.000067	-0.000082	-0.000184	-0.000129	-0.000401	0.000366
50	0.000519	-0.000356	-0.000269	-0.000344	-0.000732	0.000493	-0.000124	-0.000074	-0.000311	-0.000255	-0.001028	0.000570
51	0.000451	-0.000536	-0.000387	-0.000495	-0.001048	-0.000044	0.000143	0.000146	0.000198	0.000167	0.000621	0.000111
52	-0.000627	0.000405	0.000218	0.000426	0.000916	0.000172	-0.000109	-0.000023	-0.000135	-0.000334	-0.000599	-0.000367
53	0.000038	-0.000033	-0.000004	-0.000087	-0.000149	-0.000095	-0.000018	0.000013	-0.000001	-0.000001	0.000013	0.000129
54	0.000047	-0.000040	-0.000039	-0.000053	-0.000112	0.000042	0.000017	-0.000002	-0.000002	-0.000007	0.000000	0.000013
55	-0.000196	-0.000014	-0.000099	0.000146	0.000305	0.000095	-0.000046	-0.000103	-0.000147	-0.000157	-0.000310	-0.000005
56	0.000118	-0.000177	-0.000142	0.000041	-0.000115	0.000541	-0.000026	0.000001	-0.000145	-0.000230	-0.000561	0.000179
57	0.000047	-0.000040	-0.000035	-0.000058	-0.000102	0.000045	-0.000010	0.000003	-0.000003	-0.000008	-0.000011	-0.000014
58	0.000118	-0.000105	-0.000069	-0.000107	-0.000230	-0.000062	-0.000023	0.000030	0.000017	0.000014	0.000012	0.000039
59	0.000036	0.000044	0.000049	-0.000032	-0.000062	-0.000005	0.000030	0.000005	0.000012	0.000005	0.000043	-0.000056
60	-0.000008	0.000034	0.000065	-0.000110	-0.000107	0.000059	0.000011	0.000012	-0.000002	-0.000052	-0.000081	0.000026
61	0.000829	-0.000363	-0.000544	0.000654	0.000494	-0.001005	0.001423	-0.000105	0.000262	0.000332	0.002300	0.000791
62	0.000308	-0.000646	-0.000367	-0.000982	-0.000729	0.000658	-0.001413	-0.000087	-0.000278	0.000023	-0.002067	-0.000434
63	0.000932	-0.000909	-0.000685	-0.000516	-0.001477	0.002645	-0.000409	0.000081	-0.000580	-0.000658	-0.002115	-0.000827
64	0.000137	-0.000128	-0.000197	0.000407	0.001429	-0.001972	0.000531	-0.000316	0.000398	0.000744	0.001847	0.001267
65	-0.001423	0.001642	0.001568	-0.000352	0.000790	-0.003612	0.000407	0.000184	0.001158	0.001143	0.003517	-0.000306
66	-0.000312	-0.000010	-0.000076	0.000865	0.000508	0.001197	0.000333	0.000405	-0.000058	-0.000578	-0.000026	-0.001022

67	-0.000287	-0.000342	-0.000297	0.000110	0.000136	0.001718	-0.001414	-0.000126	-0.000806	-0.000808	-0.003675	0.000161
68	-0.000206	0.000807	0.000654	-0.000198	-0.001174	0.000167	0.000554	0.000003	-0.000064	-0.000198	0.000311	0.000105
69	-0.000087	-0.000664	-0.000754	0.000379	-0.000036	0.002355	-0.000020	-0.000542	-0.000337	0.000150	-0.000887	0.003088
70	-0.001221	0.000058	-0.000137	0.002048	0.001419	0.003504	-0.000226	-0.000195	-0.000435	-0.000424	0.000153	0.000875
71	-0.000564	0.000393	0.000392	0.000225	-0.000665	-0.001728	0.000087	0.000301	0.000234	-0.000025	0.000657	-0.002989
72	0.001668	0.000403	0.000667	-0.002612	-0.000695	-0.004178	0.000146	0.000477	0.000559	0.000258	0.000086	-0.001070
73	0.001142	0.000822	-0.000017	0.002149	0.003394	0.025042	-0.002115	-0.001061	-0.003261	-0.001319	0.003062	-0.000058
74	0.002009	-0.001117	-0.000808	-0.004233	-0.003808	-0.005612	0.000589	0.000199	0.000625	0.000222	-0.000563	-0.000342
75	0.000576	-0.000976	-0.000851	-0.001086	-0.001329	-0.016832	0.001914	0.000818	0.002384	0.000934	-0.002400	-0.000193
76	-0.002749	0.001028	0.000780	0.005580	0.004572	-0.045841	0.002799	-0.000600	0.002684	-0.000082	-0.001465	0.001106
77	0.000582	0.000425	0.000476	-0.002034	-0.001473	0.049288	-0.001638	-0.000281	-0.003076	0.000677	0.002181	-0.027622
78	-0.000062	-0.000200	-0.000141	0.000164	-0.000047	0.021734	-0.002615	-0.001208	-0.002996	-0.001206	0.000788	0.004381
79	-0.000084	-0.000147	-0.000055	0.000018	-0.000159	0.005112	-0.000618	-0.000315	-0.000540	-0.000081	0.000784	0.018977
80	0.000254	0.000171	0.000150	-0.000371	0.000043	-0.031596	0.003030	0.001767	0.004064	0.001548	-0.000379	0.045548
81	0.000303	-0.000034	-0.000088	-0.000327	0.000069	0.001142	-0.000648	-0.000361	-0.000557	-0.000203	-0.000370	-0.042947
82	-0.000144	-0.000013	0.000086	-0.000082	-0.000309	-0.000202	0.000191	0.000091	0.000118	-0.000031	0.000080	-0.015105
83	-0.000112	0.000070	0.000145	-0.000084	-0.000321	-0.000660	0.000128	0.000165	0.000120	-0.000050	0.000158	-0.004719
84	0.000901	-0.000601	-0.000482	-0.001062	-0.000858	-0.000176	-0.000219	-0.000083	-0.000080	0.000124	-0.000133	0.023149
85	-0.001868	0.000471	-0.000223	0.004126	0.005360	0.001419	0.000069	-0.000242	-0.000120	0.000019	-0.000380	0.001185
86	0.000289	0.000162	0.000486	-0.001709	-0.002122	-0.000204	0.000007	0.000139	0.000012	-0.000083	0.000275	-0.000278
87	0.001387	-0.000371	0.000365	-0.003722	-0.004843	-0.000593	-0.000065	0.000114	-0.000004	-0.000032	0.000314	-0.000028
88	-0.000598	0.002134	0.001239	0.001859	0.002392	0.001902	0.000216	-0.000065	0.000100	0.000092	-0.001130	0.000904
89	-0.000272	-0.000018	-0.000106	0.001390	0.000874	0.001348	0.000990	0.000583	-0.000156	-0.000536	0.000542	0.000694
90	-0.000324	0.000072	-0.000047	0.000749	0.000596	0.001362	0.000265	0.000030	0.000137	0.000209	0.000275	0.000546
91	-0.000388	0.000495	0.000347	0.000590	0.000525	-0.000144	0.000003	-0.000031	0.000023	0.000032	0.000029	-0.001927
92	-0.005915	0.002198	-0.001114	0.017656	0.017277	-0.002037	0.000066	-0.000108	0.000004	-0.000036	0.000322	-0.000308
93	-0.001408	0.000839	0.000555	0.001228	0.001072	0.002729	-0.000227	-0.000154	-0.000365	-0.000157	0.000245	0.000073
94	-0.000600	0.000275	0.000250	0.003008	0.002738	0.002886	-0.000360	-0.000046	-0.000260	-0.000064	0.000320	0.000267
95	-0.000223	0.000444	0.000441	0.000527	0.000517	0.012055	-0.001154	-0.000602	-0.001291	-0.000333	0.001498	0.000060
96	-0.000391	0.000547	0.000423	0.000595	0.000823	0.004807	-0.000734	-0.000217	-0.001099	-0.000600	0.000919	0.000118
97	0.000041	0.000103	0.000084	-0.000106	-0.000008	-0.006428	0.001174	0.000612	0.001153	0.000269	-0.000748	-0.002188
98	0.000016	0.000101	0.000061	-0.000058	0.000056	-0.015308	0.001432	0.000597	0.001843	0.000937	-0.000052	-0.002194
99	0.000043	0.000071	0.000025	-0.000015	0.000080	-0.002581	0.000337	0.000103	0.000222	-0.000025	-0.000497	-0.013639
100	0.000043	0.000074	0.000028	-0.000003	0.000076	-0.002540	0.000286	0.000201	0.000320	0.000117	-0.000281	-0.005340
101	0.000069	0.000000	-0.000051	0.000062	0.000172	0.000093	-0.000090	-0.000054	-0.000071	0.000004	-0.000057	0.003956
102	0.000071	0.000016	-0.000031	0.000023	0.000139	0.000103	-0.000103	-0.000040	-0.000046	0.000032	-0.000021	0.011178
103	0.000049	-0.000053	-0.000093	0.000091	0.000222	0.000500	-0.000032	-0.000095	-0.000061	0.000011	-0.000111	0.002414
104	0.000065	-0.000019	-0.000054	-0.000008	0.000101	0.000158	-0.000095	-0.000070	-0.000059	0.000039	-0.000047	0.002305
105	-0.000214	-0.000056	-0.000250	0.000971	0.001196	0.000114	-0.000003	-0.000070	-0.000005	0.000042	-0.000133	0.000144
106	-0.000077	-0.000104	-0.000233	0.000731	0.000917	0.000094	-0.000004	-0.000070	-0.000007	0.000042	-0.000143	0.000139
107	-0.000276	0.000999	0.000605	0.002267	0.003361	0.000423	0.000076	-0.000082	-0.000010	-0.000001	-0.000191	-0.000111
108	-0.001108	-0.000618	-0.000962	0.001455	0.001475	0.000170	-0.000008	-0.000033	0.000013	0.000033	-0.000120	0.000147
109	0.000373	-0.000516	-0.000415	-0.000358	-0.000067	-0.043968	0.011567	0.002822	0.007144	0.004066	-0.011306	-0.000682
110	-0.000124	0.000551	0.000539	-0.001023	-0.000809	0.042985	-0.012504	-0.003395	-0.006996	-0.003555	0.010735	-0.000001
111	0.000285	-0.000389	-0.000346	-0.000084	0.000104	-0.000044	0.000153	-0.000100	-0.000007	-0.000109	-0.000278	0.033020
112	0.000046	0.000304	0.000379	-0.000658	-0.000687	-0.001321	-0.000413	0.000054	-0.000136	-0.000088	0.000007	-0.033052
113	0.000181	-0.000516	-0.000443	-0.000023	0.000025	0.000533	0.000247	-0.000027	0.000068	-0.000033	-0.000167	0.000976
114	0.000198	0.000031	0.000107	-0.000573	-0.000563	-0.000375	-0.000249	0.000060	-0.000094	-0.000003	0.000132	0.000958
115	0.001274	0.006550	0.010237	-0.013405	-0.014401	0.001830	0.000302	0.000023	0.000082	-0.000040	-0.000303	-0.000151
116	0.004735	-0.009050	-0.009502	-0.004055	-0.002659	0.000192	-0.000380	0.000086	-0.000091	0.000075	-0.000028	0.000492

117	0.000600	-0.000471	-0.000519	-0.000030	-0.000502	0.000553	-0.000308	-0.000255	-0.000578	-0.000276	-0.001510	0.001100
118	0.000222	-0.000085	-0.000092	-0.000071	-0.000146	0.000165	-0.000182	-0.000100	-0.000284	-0.000153	-0.000834	0.000587
119	0.000353	-0.000241	-0.000183	-0.000141	-0.000372	0.000455	-0.000078	-0.000107	-0.000275	-0.000186	-0.000815	0.000497
120	-0.000136	0.000093	0.000038	0.000142	0.000294	0.000073	-0.000086	-0.000037	-0.000123	-0.000121	-0.000380	0.000137
121	0.000079	-0.000051	-0.000024	-0.000083	-0.000176	-0.000052	0.000043	0.000018	0.000060	0.000062	0.000200	-0.000077
122	0.000058	-0.000043	-0.000014	-0.000062	-0.000122	-0.000019	0.000041	0.000019	0.000063	0.000059	0.000177	-0.000061
123	-0.000123	0.000124	0.000080	0.000130	0.000285	0.000130	-0.000052	-0.000018	-0.000081	-0.000099	-0.000393	0.000017
124	0.000107	-0.000041	-0.000022	-0.000113	-0.000210	-0.000007	-0.000037	-0.000034	-0.000064	-0.000047	-0.000140	0.000003
125	0.000014	-0.000081	-0.000057	-0.000013	-0.000065	-0.000127	0.000092	0.000053	0.000146	0.000147	0.000539	-0.000018
126	0.000362	-0.000366	-0.000278	-0.000098	-0.000370	0.000503	0.000005	-0.000006	-0.000140	-0.000061	-0.000457	0.000468
127	0.000196	-0.000082	-0.000052	-0.000154	-0.000236	0.000355	-0.000126	-0.000043	-0.000239	-0.000271	-0.000935	0.000262
128	-0.000036	0.000006	-0.000010	0.000049	0.000079	0.000021	0.000008	-0.000022	-0.000023	-0.000040	-0.000019	-0.000008
129	0.000083	-0.000075	-0.000046	-0.000119	-0.000205	-0.000126	-0.000020	0.000015	0.000019	0.000042	0.000075	0.000068
130	0.000034	-0.000015	-0.000003	-0.000031	-0.000076	0.000013	0.000027	0.000009	0.000017	0.000025	0.000082	-0.000031
131	0.000032	-0.000058	-0.000046	-0.000047	-0.000079	0.000148	-0.000052	-0.000003	-0.000030	-0.000050	-0.000229	-0.000041
132	-0.000037	0.000047	0.000036	0.000082	0.000135	-0.000073	0.000035	0.000010	0.000013	0.000008	0.000088	0.000027
133	-0.000077	0.000095	0.000068	0.000068	0.000150	0.000020	0.000001	-0.000010	0.000003	0.000013	-0.000003	-0.000015
134	-0.002133	0.001750	0.001881	0.000853	-0.000651	-0.002027	0.000883	-0.000263	0.000529	0.000488	0.001170	-0.000724
135	-0.000821	0.001879	0.002526	0.003083	0.000814	0.000609	0.000421	-0.000320	0.000004	0.000398	0.000446	-0.000792
136	0.000252	-0.000864	-0.001290	0.000868	0.000734	0.001185	0.000512	-0.000503	-0.000198	0.000299	0.000880	-0.000936
137	-0.001386	0.000560	0.000484	0.001291	0.000399	0.001266	0.000929	-0.000060	-0.000238	0.000013	0.000636	-0.000539
138	-0.001953	0.001230	0.001263	0.000586	0.000162	0.010132	0.001828	0.000582	-0.000856	-0.000875	0.001384	-0.000806
139	-0.000419	0.000470	0.000430	0.000349	0.000004	-0.000046	0.000126	0.001026	0.000281	-0.000771	0.000382	-0.000834
140	-0.000980	0.000708	0.000808	0.000293	0.000101	0.010630	-0.001657	-0.000200	-0.001379	0.000450	-0.002947	-0.001077
141	-0.000592	0.000466	0.000513	0.000059	0.000162	-0.000402	-0.001149	0.000161	0.000007	0.000042	-0.001441	-0.000114
142	-0.000128	0.000137	0.000122	0.000025	0.000169	0.000490	-0.000290	0.000582	-0.000132	-0.000558	-0.000303	0.000206
143	0.000035	0.000092	0.000056	-0.000023	0.000010	0.002484	0.000013	0.000753	-0.000272	-0.000872	-0.000449	-0.010764
144	-0.000219	0.000256	0.000269	-0.000462	-0.000352	0.000392	-0.000227	0.000210	-0.000186	-0.000410	-0.000678	0.004027
145	0.000182	-0.000136	-0.000153	-0.000102	0.000007	0.000592	0.000006	0.000366	-0.000086	-0.000466	-0.000225	-0.006691
146	0.000086	-0.000086	-0.000093	-0.000069	-0.000049	0.000152	0.000064	0.000071	-0.000023	-0.000122	-0.000044	-0.000995
147	-0.000274	0.000286	0.000289	0.000158	-0.000274	0.000330	-0.000009	-0.000023	-0.000124	-0.000017	-0.000114	-0.000119
148	-0.000358	0.000467	0.000492	-0.000299	-0.000869	0.000797	0.000087	0.000102	-0.000202	-0.000201	-0.000259	0.000786
149	-0.000579	0.000543	0.000470	-0.001060	-0.001178	0.001230	0.000167	0.000085	-0.000176	-0.000319	-0.000396	-0.000468
150	-0.000216	0.000240	0.000281	-0.000928	-0.001213	0.000792	0.000056	-0.000012	-0.000178	-0.000109	-0.000270	0.000301
151	-0.000219	0.000129	0.000233	-0.000668	-0.000854	0.000455	-0.000037	-0.000064	-0.000077	0.000032	-0.000156	0.000443
152	-0.000145	-0.000549	-0.000432	0.000007	0.000346	0.000031	-0.000170	0.000019	0.000057	0.000005	-0.000131	-0.000400
153	-0.000695	0.002266	0.003327	-0.004497	-0.003277	0.000353	0.000085	-0.000012	0.000096	0.000033	0.000004	-0.000770
154	-0.001108	0.000872	0.000893	0.000439	-0.000104	0.018159	0.002625	0.000506	-0.000395	-0.001294	-0.001417	0.000538
155	-0.000193	0.000377	0.000369	-0.000208	-0.000347	0.000111	-0.000123	0.000452	0.000161	-0.000332	-0.000110	-0.014653
156	-0.000543	0.000625	0.000708	-0.000392	-0.000767	0.000866	0.000066	0.000090	-0.000154	-0.000255	-0.000357	0.000466
157	-0.003240	0.010079	0.012642	-0.006248	-0.006963	0.000461	0.000395	-0.000040	0.000194	0.000014	0.000326	-0.001125
158	-0.000056	-0.000018	-0.000016	0.000038	0.000021	0.000284	-0.000130	0.000011	-0.000065	-0.000080	-0.000328	-0.000162
159	-0.000155	0.000213	0.000069	0.000737	0.001290	-0.000464	0.000491	-0.000006	0.000085	0.000035	0.000843	0.000275
160	-0.000173	0.000239	0.000094	0.000720	0.001243	-0.000495	0.000442	-0.000013	0.000073	0.000034	0.000783	0.000369
161	-0.000063	0.000101	0.000067	0.000034	0.000118	-0.000163	0.000127	-0.000020	0.000043	0.000069	0.000233	0.000002
162	-0.000017	0.000020	0.000043	-0.000043	-0.000045	0.000071	0.000061	-0.000026	-0.000015	-0.000003	-0.000034	0.000047
163	-0.000111	0.000337	0.000252	0.000321	0.000683	-0.001217	0.000775	-0.000097	0.000341	0.000386	0.001732	0.000579
164	0.001471	0.000632	0.000709	-0.000547	-0.001765	-0.002696	0.000140	-0.000107	0.000468	0.000135	0.000905	-0.001388
165	-0.000852	-0.000028	-0.000005	0.001580	0.001196	-0.004235	-0.000416	0.000682	0.000694	-0.000180	-0.000330	0.000112
166	0.001191	-0.000746	-0.000691	-0.000147	0.000784	-0.001315	-0.000044	-0.001694	-0.000613	0.001188	-0.001166	0.000939

167	-0.000988	0.000826	0.000904	0.000070	0.000215	-0.007023	-0.000459	-0.000500	0.001687	0.002108	0.001743	0.004521
168	-0.000021	-0.000027	-0.000021	0.000072	0.000049	0.003832	-0.000571	0.000214	-0.000877	-0.000687	-0.001425	0.003875
169	0.000189	-0.000268	-0.000239	0.000052	-0.000233	0.004297	-0.000003	-0.000660	-0.000797	0.000098	-0.001386	-0.005743
170	-0.000387	0.000156	0.000251	0.000045	0.000467	-0.001498	-0.000642	-0.000329	0.000169	0.000632	0.000096	-0.004831
171	-0.000106	-0.000004	0.000017	0.000292	0.000263	-0.000228	-0.000105	-0.000100	0.000039	0.000188	0.000074	-0.001903
172	0.000327	-0.000423	-0.000413	-0.000026	0.000644	-0.001035	-0.000170	-0.000040	0.000249	0.000240	0.000312	-0.002102
173	-0.000913	0.000490	0.000376	0.000217	0.000154	0.000353	-0.000161	-0.000056	-0.000127	0.000043	-0.000231	0.000726
174	-0.000337	0.000269	0.000076	0.000912	0.000952	0.000074	-0.000028	0.000010	-0.000004	-0.000043	-0.000075	-0.000212
175	0.001844	-0.001980	-0.002118	-0.000204	-0.001353	-0.000106	0.000241	-0.000003	-0.000097	-0.000040	0.000196	0.000620
176	-0.001891	0.001529	0.002043	-0.000114	0.000462	0.010411	-0.001195	-0.003170	-0.004222	-0.000238	-0.002823	0.001347
177	0.000190	-0.000107	-0.000264	0.000293	0.000169	-0.012526	0.001396	0.001597	0.004766	0.002123	0.005071	0.003507
178	0.001246	-0.001069	-0.001199	0.000102	0.000080	0.004853	0.001125	0.000510	-0.000530	-0.001050	-0.000585	-0.012343
179	-0.000910	0.000879	0.000929	0.000331	-0.000454	0.000920	-0.000401	0.000024	-0.000395	-0.000127	-0.000594	0.008741
180	-0.000709	0.000649	0.000701	0.000736	0.000049	-0.000620	-0.000351	-0.000253	-0.000134	0.000362	0.000022	-0.000099
181	0.000040	-0.000776	-0.000931	0.000990	0.002410	-0.000741	-0.000359	0.000228	0.000239	-0.000127	-0.000126	-0.001693
182	0.004360	-0.008510	-0.010667	0.001301	0.002440	-0.001657	-0.000400	0.000372	0.000342	-0.000196	0.000082	-0.001202
183	-0.001310	0.006866	0.008811	-0.005398	-0.006254	-0.000899	0.000257	0.000275	-0.000098	-0.000498	-0.000227	0.000220
184	-0.000086	0.000134	-0.000021	0.000651	0.001190	-0.000225	0.000416	0.000015	0.000036	-0.000044	0.000616	0.000423
185	-0.000044	0.000112	-0.000021	0.000771	0.001372	-0.000588	0.000617	-0.000005	0.000127	0.000061	0.001083	0.000312
186	0.000057	-0.000081	-0.000041	-0.000140	-0.000280	0.000032	-0.000141	0.000000	-0.000026	-0.000008	-0.000221	0.000043
187	-0.000023	-0.000093	0.000021	-0.000662	-0.001180	0.000931	-0.000619	0.000030	-0.000165	-0.000151	-0.001212	-0.000596
188	0.000107	-0.000088	0.000050	-0.000647	-0.001153	-0.000102	-0.000300	-0.000040	0.000014	0.000130	-0.000336	-0.000189
189	0.000018	0.000003	0.000013	-0.000035	-0.000048	-0.000085	0.000064	0.000012	0.000037	0.000048	0.000193	-0.000015
190	0.000056	-0.000105	-0.000046	-0.000106	-0.000047	0.004800	0.000635	-0.004662	-0.002299	-0.002316	-0.006343	0.000196
191	0.000136	0.000008	0.000077	-0.000302	-0.000505	0.003561	0.005408	-0.003354	-0.000350	-0.001399	-0.005940	0.000417
192	-0.000010	0.000036	0.000002	0.000062	0.000017	-0.004357	0.002835	0.001924	0.000171	-0.000889	0.002039	-0.000166
193	0.000047	-0.000055	-0.000033	-0.000049	-0.000069	-0.005180	0.000814	0.001090	-0.000213	0.000335	0.002259	-0.000178
194	0.000121	-0.000070	0.000030	-0.000161	-0.000237	0.002429	-0.003855	0.000457	0.000736	0.002636	0.002160	0.000119
195	0.000069	-0.000147	-0.000099	-0.000024	-0.000051	-0.004045	-0.006786	0.000327	0.001380	0.004557	0.001777	-0.000273
196	-0.000015	-0.000001	-0.000026	0.000016	0.000048	-0.001931	-0.000290	-0.000080	0.000661	0.000377	-0.001742	0.000093
197	0.000065	-0.000032	-0.000015	-0.000069	-0.000120	-0.000388	0.000112	-0.000120	-0.000143	0.000449	0.000173	-0.000023
198	0.000053	-0.000016	-0.000004	-0.000047	-0.000118	0.000164	0.000014	-0.000394	-0.000388	0.000107	-0.000110	-0.000004
199	0.000079	-0.000025	0.000022	-0.000098	-0.000198	-0.000142	-0.000084	0.000018	0.000354	0.000245	-0.000016	-0.000049
200	0.000001	-0.000007	-0.000004	0.000003	0.000029	0.000929	-0.001389	-0.000289	-0.000191	0.000048	-0.000603	0.000051
201	-0.000048	-0.000027	0.000011	0.000049	-0.000040	-0.000068	0.000026	0.000007	-0.000029	-0.000101	-0.000148	0.004985
202	0.000206	-0.000173	-0.000127	-0.000159	-0.000219	0.000146	0.000162	-0.000057	-0.000067	-0.000097	-0.000102	0.000103
203	0.000092	-0.000099	-0.000112	0.000025	0.000049	0.000215	0.000062	0.000003	-0.000016	-0.000061	-0.000031	-0.002927
204	-0.000065	0.000057	0.000060	0.000030	-0.000015	0.000062	-0.000036	-0.000019	-0.000007	-0.000022	-0.000086	-0.002313
205	0.000000	0.000200	0.000253	-0.000369	-0.000546	-0.000486	-0.000085	0.000011	-0.000028	-0.000027	0.000011	-0.001217
206	0.000163	-0.000084	-0.000075	-0.000203	-0.000225	-0.000341	-0.000004	0.000029	-0.000022	-0.000018	-0.000003	-0.001393
207	-0.000022	0.000026	0.000017	-0.000002	0.000013	-0.000072	-0.000011	0.000002	-0.000003	-0.000005	-0.000016	-0.001438
208	0.000049	-0.000017	0.000007	-0.000067	-0.000126	0.000058	0.000053	-0.000028	-0.000029	-0.000039	-0.000028	0.000354
209	0.000045	-0.000011	0.000004	-0.000060	-0.000109	-0.000015	0.000009	-0.000005	-0.000006	-0.000014	0.000008	-0.000006
210	0.000057	-0.000033	-0.000008	-0.000066	-0.000132	0.000001	0.000018	-0.000004	-0.000001	-0.000017	0.000005	0.000439
211	-0.000010	0.000022	0.000015	-0.000027	-0.000017	-0.000165	-0.000060	0.000023	0.000022	0.000030	0.000023	0.000916
212	0.000003	-0.000050	-0.000023	-0.000142	-0.000155	-0.000024	0.000009	0.000052	0.000013	-0.000048	-0.000010	0.000404
213	0.000091	-0.000031	0.000015	-0.000070	-0.000300	0.000031	0.000028	-0.000019	-0.000006	0.000008	0.000054	0.000232
214	0.000046	-0.000022	-0.000029	-0.000034	-0.000132	0.000098	0.000037	-0.000039	-0.000008	0.000018	-0.000022	-0.000067
215	-0.000039	0.000004	-0.000014	0.000037	0.000080	0.000138	0.000020	0.000011	0.000000	-0.000035	-0.000034	-0.000196
216	0.000124	-0.000093	-0.000008	-0.000228	-0.000327	0.000123	0.000076	0.000034	0.000008	-0.000068	-0.000030	-0.000043

217	0.000047	-0.000106	-0.000059	0.000038	-0.000109	0.000034	0.000035	0.000003	-0.000004	0.000011	0.000052	0.000194
218	-0.000048	0.000007	0.000017	0.000016	0.000024	-0.000013	-0.000004	0.000001	0.000001	0.000003	-0.000004	0.000020
219	0.000061	-0.000011	0.000020	-0.000096	-0.000166	0.000080	0.000031	-0.000005	-0.000003	-0.000023	-0.000015	-0.000048
220	0.000049	-0.000013	0.000000	-0.000053	-0.000118	0.000020	0.000013	0.000001	0.000000	-0.000005	0.000002	-0.000012
221	0.000062	-0.000027	-0.000004	-0.000061	-0.000130	0.000026	0.000022	0.000000	0.000001	-0.000008	0.000007	-0.000051
222	-0.000025	-0.000014	-0.000020	0.000044	0.000054	-0.000049	-0.000008	0.000008	-0.000004	0.000006	0.000012	0.000051
223	-0.516442	-0.510522	-0.547319	0.130182	0.136123	0.000419	0.000000	0.000032	0.000024	0.000008	-0.000021	-0.000223
224	0.148306	-0.574301	-0.538163	-0.533169	-0.569062	-0.000058	-0.000004	0.000083	0.000047	0.000029	0.000127	-0.000045
225	0.288410	0.154841	0.152196	-0.567646	-0.533602	0.000130	0.000052	0.000004	0.000008	0.000000	0.000015	-0.000113
226	0.516584	0.527537	0.299155	0.157741	0.155462	-0.000141	-0.000026	0.000019	0.000021	0.000019	0.000039	0.000021
227	0.151866	0.283540	0.514048	0.534252	0.306126	-0.000205	-0.000178	0.000095	0.000063	0.000072	0.000099	-0.000103
228	-0.549314	0.144856	0.145830	0.263080	0.509323	0.000258	-0.000019	0.000078	0.000039	-0.000003	0.000078	0.000067
229	-0.002806	-0.004838	-0.004558	0.003403	0.014108	0.000081	0.000040	-0.000027	-0.000014	-0.000004	0.000006	-0.000095
230	-0.057434	0.012329	0.000425	-0.005745	-0.005783	0.000043	0.000022	0.000004	0.000014	0.000010	0.000026	-0.000052
231	0.118157	-0.066495	-0.056950	0.010299	-0.001161	-0.000025	0.000007	0.000019	0.000016	0.000010	0.000025	-0.000006
232	-0.066225	0.119363	0.117537	-0.065135	-0.054811	-0.000025	-0.000023	0.000042	0.000027	0.000012	0.000027	-0.000032
233	0.007969	-0.052898	-0.062407	0.111848	0.120620	0.000040	-0.000029	0.000017	-0.000003	-0.000011	-0.000004	0.000021
234	0.000209	-0.000325	-0.000064	-0.000428	-0.000345	-0.018270	-0.003018	-0.001864	0.001672	0.002266	0.001858	-0.000637
235	0.000259	0.000021	0.000114	-0.000386	-0.000831	0.025261	0.002340	-0.001377	-0.003147	-0.002039	-0.002895	0.000653
236	-0.000194	0.000133	-0.000010	0.000303	0.000422	0.001866	0.001397	0.000362	-0.000040	0.000076	-0.003032	0.000330
237	-0.000109	0.000162	0.000068	0.000085	0.000108	-0.001153	0.002769	0.001499	-0.000108	0.000212	-0.002546	0.000176
238	0.000008	-0.000036	-0.000034	0.000009	0.000052	-0.000903	0.000736	-0.001080	0.000336	-0.002123	0.000262	-0.000165
239	-0.000029	-0.000014	-0.000028	0.000063	0.000131	-0.001537	0.000683	-0.000634	-0.000437	-0.001379	0.000989	-0.000144
240	0.000076	-0.000034	0.000015	-0.000103	-0.000209	0.000033	0.000594	-0.001003	0.000318	0.000535	0.000524	0.000011
241	0.000088	-0.000035	0.000018	-0.000110	-0.000227	0.000057	0.000266	-0.000717	-0.000575	0.000884	0.000793	0.000022
242	-0.000045	0.000078	0.000035	0.000010	0.000023	0.000330	0.001655	0.002692	0.000501	0.000254	0.000687	0.000072
243	0.000006	0.000063	0.000075	-0.000094	-0.000128	0.000033	0.001146	0.003255	-0.000468	0.000432	0.000874	0.000030
244	-0.000079	-0.000021	-0.000077	0.000280	0.000357	-0.002701	-0.003526	-0.000886	0.001105	0.000387	0.001974	-0.000156
245	-0.000190	0.000006	-0.000113	0.000370	0.000648	-0.004414	-0.003393	-0.001366	0.000870	0.001296	0.001260	-0.000194
246	-0.000168	0.000441	0.000571	-0.000600	-0.001010	-0.000763	-0.000195	-0.000020	-0.000037	0.000031	-0.000038	-0.011070
247	0.000589	-0.000600	-0.000504	-0.000197	-0.000232	0.000504	0.000522	-0.000076	-0.000096	-0.000212	-0.000064	0.022344
248	-0.000058	-0.000096	-0.000187	0.000349	0.000576	0.000144	-0.000060	0.000053	0.000050	0.000049	0.000032	-0.002344
249	0.000019	-0.000162	-0.000218	0.000303	0.000439	0.000329	0.000011	0.000012	0.000021	0.000011	0.000014	-0.004210
250	-0.000062	0.000067	0.000077	-0.000015	-0.000038	0.000017	0.000023	-0.000026	-0.000015	-0.000014	-0.000033	0.000365
251	-0.000098	0.000092	0.000085	0.000036	0.000038	-0.000020	-0.000050	0.000000	0.000012	0.000015	-0.000029	-0.000374
252	0.000063	0.000003	0.000032	-0.000139	-0.000203	0.000006	0.000041	-0.000019	-0.000023	-0.000026	0.000000	0.001768
253	0.000061	0.000005	0.000038	-0.000136	-0.000212	0.000007	0.000040	-0.000019	-0.000020	-0.000022	0.000005	0.001642
254	0.000052	-0.000096	-0.000116	0.000081	0.000129	0.000137	0.000030	0.000004	0.000010	0.000006	0.000017	-0.001776
255	0.000083	-0.000116	-0.000111	0.000031	0.000044	0.000137	0.000047	-0.000002	0.000005	-0.000007	0.000005	-0.001761
256	-0.000206	0.000230	0.000182	0.000086	0.000133	-0.000203	-0.000173	0.000035	0.000032	0.000059	0.000028	-0.002855
257	-0.000275	0.000233	0.000151	0.000199	0.000335	-0.000300	-0.000237	0.000059	0.000059	0.000110	0.000064	-0.003712
258	0.000168	-0.000147	0.000046	-0.000403	-0.000429	0.000458	0.000169	0.000128	0.000032	-0.000208	-0.000099	-0.000249
259	0.000280	-0.000068	0.000001	-0.000255	-0.000754	-0.000158	0.000010	-0.000050	-0.000021	0.000088	0.000164	0.000580
260	-0.000173	0.000080	-0.000035	0.000280	0.000431	-0.000237	-0.000102	-0.000040	-0.000003	0.000090	0.000023	0.000213
261	-0.000083	0.000044	-0.000017	0.000196	0.000206	-0.000068	-0.000037	-0.000055	-0.000013	0.000063	0.000010	0.000033
262	-0.000014	0.000012	0.000024	-0.000041	0.000003	-0.000012	0.000003	0.000018	0.000000	-0.000026	-0.000010	-0.000098
263	-0.000045	0.000034	0.000012	0.000006	0.000100	-0.000002	-0.000012	0.000016	0.000005	-0.000017	-0.000023	-0.000090
264	0.000090	-0.000029	0.000008	-0.000104	-0.000203	0.000100	0.000035	0.000001	0.000001	-0.000017	-0.000004	-0.000047
265	0.000080	-0.000031	0.000004	-0.000094	-0.000176	0.000124	0.000041	-0.000001	0.000001	-0.000023	-0.000013	-0.000035
266	-0.000017	0.000019	-0.000007	0.000064	0.000049	0.000000	-0.000005	-0.000027	-0.000007	0.000031	0.000006	0.000002

267	0.000023	-0.000001	0.000001	-0.000002	-0.000057	-0.000028	0.000001	-0.000017	-0.000005	0.000022	0.000025	-0.000051
268	-0.000118	0.000040	-0.000002	0.000105	0.000290	-0.000152	-0.000053	0.000016	0.000003	-0.000002	-0.000027	-0.000183
269	-0.000191	0.000047	-0.000034	0.000247	0.000540	-0.000025	-0.000049	0.000011	0.000006	-0.000001	-0.000052	-0.000075
270	0.025898	-0.111306	-0.026989	-0.314247	-0.347158	-0.000664	-0.000470	0.000121	0.000108	0.000126	0.000156	0.000065
271	0.015365	-0.165207	-0.100181	-0.305551	-0.337941	0.000695	0.000193	0.000143	0.000037	-0.000036	0.000112	-0.000217
272	-0.170938	0.008229	0.009727	-0.103910	-0.017541	0.000465	0.000208	-0.000109	-0.000057	-0.000076	-0.000172	-0.000127
273	-0.105345	0.011108	0.010093	-0.165250	-0.103601	0.000317	0.000163	-0.000064	-0.000038	-0.000063	-0.000101	-0.000057
274	-0.285200	-0.101934	-0.166923	0.008477	0.008458	-0.000169	-0.000031	-0.000005	-0.000005	0.000022	0.000034	0.000120
275	-0.313758	-0.014645	-0.102325	0.010072	0.007516	-0.000277	-0.000047	-0.000015	-0.000012	0.000021	0.000027	0.000133
276	0.559048	-0.313764	-0.285064	-0.103363	-0.168735	-0.000231	-0.000069	0.000046	0.000026	0.000034	0.000068	-0.000052
277	1.065850	-0.357062	-0.313454	-0.016389	-0.103982	-0.000168	-0.000054	0.000041	0.000028	0.000031	0.000060	-0.000062
278	-0.357062	1.069300	0.560129	-0.304921	-0.279911	0.000327	0.000098	-0.000034	-0.000016	-0.000047	-0.000065	-0.000056
279	-0.313454	0.560129	1.069330	-0.346477	-0.307863	0.000309	0.000051	0.000006	0.000006	-0.000039	-0.000053	-0.000063
280	-0.016389	-0.304921	-0.346477	1.074920	0.566528	-0.000322	-0.000022	-0.000048	-0.000026	0.000018	-0.000019	0.000148
281	-0.103982	-0.279911	-0.307863	0.566528	1.084110	-0.000280	-0.000018	-0.000083	-0.000051	0.000008	-0.000048	0.000168
282	-0.000168	0.000327	0.000309	-0.000322	-0.000280	0.350446	-0.010655	-0.006952	-0.038492	-0.008013	0.007270	0.000404
283	-0.000054	0.000098	0.000051	-0.000022	-0.000018	-0.010655	0.253430	0.000857	-0.005188	-0.025504	-0.006123	0.000136
284	0.000041	-0.000034	0.000006	-0.000048	-0.000083	-0.006952	0.000857	0.248417	0.000888	0.007851	0.025408	-0.000037
285	0.000028	-0.000016	0.000006	-0.000026	-0.000051	-0.038492	-0.005188	0.000888	0.246754	0.000728	0.005316	0.000036
286	0.000031	-0.000047	-0.000039	0.000018	0.000008	-0.008013	-0.025504	0.007851	0.000728	0.245978	-0.000352	-0.000005
287	0.000060	-0.000065	-0.000053	-0.000019	-0.000048	0.007270	-0.006123	0.025408	0.005316	-0.000352	0.251143	-0.000169
288	-0.000062	-0.000056	-0.000063	0.000148	0.000168	0.000404	0.000136	-0.000037	0.000036	-0.000005	-0.000169	0.339399
289	-0.000002	-0.000015	-0.000007	0.000000	-0.000009	0.000200	0.000053	-0.000008	-0.000008	-0.000048	-0.000091	-0.010493
290	0.000014	0.000000	0.000013	-0.000043	-0.000055	-0.000105	-0.000015	0.000016	0.000013	0.000027	0.000045	-0.007043
291	0.000001	-0.000016	-0.000010	0.000025	0.000021	0.000053	-0.000003	0.000006	0.000023	0.000024	0.000021	-0.037631
292	0.000000	0.000004	-0.000002	0.000019	0.000011	0.000048	-0.000025	0.000012	0.000025	0.000042	0.000039	-0.006636
293	0.000026	0.000001	0.000017	-0.000063	-0.000086	-0.000194	-0.000074	0.000028	0.000024	0.000053	0.000079	0.009313
294	0.000026	-0.000199	-0.000195	0.000171	0.000123	0.000337	0.000186	-0.000081	0.000039	0.000028	-0.000081	-0.000136
295	-0.000029	-0.000019	-0.000030	0.000120	0.000151	0.000132	0.000048	-0.000028	0.000007	0.000001	-0.000031	-0.000076
296	0.000020	0.000000	0.000005	-0.000047	-0.000052	0.000020	-0.000011	0.000005	0.000000	0.000001	0.000001	-0.000043
297	0.000016	-0.000023	-0.000013	-0.000006	-0.000030	0.000049	0.000009	0.000002	0.000005	-0.000002	0.000000	-0.000008
298	0.000013	0.000004	0.000024	-0.000060	-0.000093	-0.000087	-0.000029	0.000021	0.000001	0.000002	0.000023	0.000113
299	0.000001	0.000019	0.000042	-0.000062	-0.000058	-0.000193	-0.000066	0.000030	0.000001	0.000011	0.000042	0.000201
300	0.001158	-0.002703	-0.001618	-0.001426	0.000898	-0.000645	-0.000191	0.000062	-0.000038	0.000026	0.000181	0.000243
301	-0.000495	-0.003443	-0.002459	0.006103	0.006765	-0.000082	-0.000096	0.000063	0.000027	0.000007	0.000013	0.000021
302	0.001362	-0.003314	-0.004230	0.001890	0.002080	0.000005	0.000060	-0.000053	-0.000032	-0.000014	-0.000029	0.000012
303	-0.000604	0.000327	0.001110	-0.000236	0.000204	0.000046	0.000041	-0.000038	-0.000030	-0.000024	-0.000034	0.000003
304	-0.000187	-0.000071	-0.000276	0.000619	-0.000369	0.000053	0.000009	-0.000016	-0.000012	-0.000015	-0.000027	-0.000099
305	-0.000404	-0.000523	-0.000469	-0.001871	-0.001016	0.000226	0.000041	-0.000043	-0.000011	-0.000019	-0.000121	-0.000139
306	-0.000079	0.000208	0.000119	-0.000193	-0.000214	-0.010137	0.013014	-0.002820	0.001634	0.003630	0.014969	-0.000024
307	-0.000072	0.000152	0.000153	-0.000148	-0.000144	0.003776	0.047766	-0.024155	0.025333	0.053400	0.000148	0.000163
308	-0.000007	0.000035	0.000042	-0.000067	-0.000063	0.069986	0.024530	0.024391	0.050597	-0.008738	0.005064	0.000071
309	-0.000010	-0.000006	-0.000013	0.000035	0.000037	0.035097	-0.024876	0.053516	-0.009291	0.007207	-0.053248	0.000024
310	0.000013	-0.000009	0.000007	-0.000011	-0.000020	-0.034969	-0.053218	-0.006120	0.009718	-0.053167	-0.024294	-0.000017
311	0.000003	-0.000016	-0.000004	0.000004	0.000016	-0.067664	0.005528	0.006736	-0.051302	-0.024206	0.025176	-0.000084
312	0.000072	-0.000153	-0.000183	0.000184	0.000171	-0.003795	-0.000199	-0.052974	-0.025263	0.024045	0.047125	-0.000152
313	-0.000019	0.000174	0.000200	-0.000322	-0.000303	-0.000163	-0.000158	0.000086	0.000038	-0.000024	0.000076	-0.005467
314	-0.000046	-0.000049	-0.000056	0.000150	0.000167	0.000463	0.000078	-0.000004	0.000040	0.000003	-0.000066	0.003242
315	0.000013	-0.000009	0.000007	-0.000043	-0.000054	-0.000107	-0.000001	0.000001	0.000002	0.000002	-0.000029	0.066826
316	-0.000003	0.000016	0.000007	0.000000	0.000001	0.000007	0.000018	-0.000012	-0.000012	-0.000008	0.000006	0.033763

317	-0.000013	-0.000010	-0.000019	0.000046	0.000064	0.000050	0.000002	0.000001	0.000007	0.000004	0.000006	-0.033949
318	0.000014	0.000003	0.000020	-0.000049	-0.000059	-0.000102	-0.000021	0.000013	-0.000008	-0.000006	0.000016	-0.066062
319	0.000037	0.000046	0.000038	-0.000104	-0.000117	-0.000309	-0.000074	0.000001	-0.000029	0.000004	0.000067	-0.002837
320	0.000000	-0.000032	0.000024	0.000210	0.000221	-0.000267	-0.000010	0.000035	0.000020	0.000018	0.000095	0.000360
321	0.000002	-0.000139	-0.000139	0.000162	0.000123	0.000294	0.000111	-0.000037	0.000026	-0.000004	-0.000038	-0.000027
322	0.000011	-0.000016	-0.000013	0.000001	0.000002	0.000047	0.000019	-0.000017	0.000006	0.000012	-0.000020	-0.000112
323	0.000006	0.000025	0.000020	-0.000036	-0.000034	-0.000046	-0.000011	0.000006	-0.000007	-0.000001	0.000007	0.000021
324	0.000002	-0.000019	-0.000015	0.000009	-0.000004	0.000047	0.000017	-0.000002	0.000001	-0.000008	-0.000006	-0.000015
325	-0.000004	0.000000	-0.000014	0.000026	0.000043	0.000049	-0.000011	-0.000002	0.000001	0.000000	0.000000	-0.000065
326	-0.000016	0.000149	0.000162	-0.000163	-0.000130	-0.000393	-0.000126	0.000052	-0.000027	0.000001	0.000058	0.000198
327	0.001615	-0.005651	-0.005098	-0.013635	-0.005835	0.000646	-0.000096	0.000029	0.000023	0.000006	-0.000181	-0.000366
328	-0.000788	-0.000543	-0.000024	0.001851	0.001226	-0.000058	0.000012	-0.000005	-0.000044	-0.000045	0.000024	-0.000069
329	-0.000565	-0.001473	-0.000759	-0.000347	0.000421	-0.000140	-0.000038	-0.000005	-0.000001	0.000013	0.000009	0.000135
330	0.000973	-0.000510	-0.000298	0.000021	0.000178	-0.000127	-0.000034	0.000025	0.000006	0.000022	0.000052	0.000027
331	0.001290	0.000405	0.000243	-0.001330	-0.001252	0.000114	0.000054	-0.000026	-0.000016	-0.000019	-0.000006	-0.000022
332	-0.000442	0.000957	0.002675	-0.000621	-0.000557	0.000056	0.000059	-0.000026	0.000000	-0.000011	-0.000040	-0.000012
333	-0.000255	0.001195	0.000559	-0.002831	0.000003	0.000160	-0.000050	0.000036	0.000055	0.000040	-0.000039	-0.000059

	289	290	291	292	293	294	295	296	297	298	299	300
1	-0.000258	0.000006	-0.000070	-0.000106	-0.000435	-0.000672	0.000227	-0.000008	0.000052	0.000121	0.000454	0.000174
2	0.000152	0.000206	0.000463	0.000584	0.001693	0.001408	-0.000612	-0.000177	-0.000596	-0.000758	-0.002795	-0.000893
3	-0.000287	-0.000261	-0.000353	-0.000243	-0.000085	0.001689	0.000190	0.000327	0.000252	-0.000116	-0.000331	0.041269
4	-0.001895	-0.001066	-0.003247	-0.000207	0.001863	0.000285	0.000013	-0.000278	-0.000372	-0.000211	0.000226	0.000053
5	0.001964	0.000956	0.003295	0.000426	-0.001733	0.036029	-0.001867	-0.000020	-0.003075	-0.000924	0.002138	0.001226
6	0.000288	-0.000048	0.000169	0.000279	-0.000120	-0.036208	0.001680	0.000283	0.003102	0.000780	-0.002060	-0.041045
7	0.000472	-0.000136	-0.000113	-0.000104	-0.000097	0.000285	-0.000021	-0.000077	0.000045	-0.000006	-0.000051	-0.000386
8	0.000397	-0.000316	0.000038	0.000104	-0.000354	0.001027	0.000205	-0.000163	0.000165	0.000259	-0.000487	0.072696
9	-0.000381	0.000404	-0.000198	-0.000480	0.000310	-0.000120	-0.000261	0.000118	-0.000077	-0.000012	0.000268	-0.009756
10	0.002188	-0.000286	0.001311	0.000998	-0.001279	0.000046	0.000205	0.000190	0.000031	-0.000302	-0.000280	-0.000727
11	-0.005961	-0.001561	-0.006656	-0.001510	0.005233	-0.000154	-0.000208	-0.000584	-0.000191	0.000393	0.000218	0.000217
12	0.005798	0.002008	0.006148	0.000085	-0.006209	-0.009029	0.001378	0.000962	0.001235	-0.000351	-0.002095	-0.000087
13	-0.001726	-0.000687	-0.001074	0.000421	0.002172	0.064496	-0.005794	-0.001020	-0.006181	-0.001283	0.006090	0.000542
14	0.000544	0.000266	0.000105	-0.000195	-0.000233	-0.060137	0.006492	-0.000290	0.005985	0.001980	-0.005375	0.008620
15	-0.000245	-0.000057	-0.000102	0.000105	0.000243	0.006845	-0.002248	0.000441	-0.001034	-0.000650	0.001466	-0.070819
16	-0.000032	0.000186	0.000052	-0.000078	0.000007	-0.000461	-0.000391	0.000039	0.000036	0.000273	0.000520	0.034210
17	0.000120	0.000012	0.000047	0.000080	0.000221	-0.000398	-0.000052	-0.000018	-0.000035	-0.000027	-0.000172	-0.002242
18	0.000336	-0.000051	0.000018	-0.000146	-0.000430	0.000792	-0.000019	-0.000141	-0.000009	0.000145	0.000081	-0.026020
19	0.002215	0.001012	0.003237	0.001655	-0.001149	-0.001334	-0.000057	-0.000052	0.000069	0.000221	0.000131	0.000937
20	0.000571	-0.000229	-0.000392	-0.000957	-0.000658	-0.000040	-0.000219	0.000083	0.000023	0.000004	-0.000113	0.000068
21	-0.001966	-0.002475	-0.003149	-0.000488	0.000287	0.000195	0.000416	-0.000136	0.000036	-0.000062	-0.000294	-0.000758
22	0.000625	0.000467	0.002928	0.001739	-0.002386	-0.023923	0.001503	0.001427	0.002992	0.000901	-0.002044	0.000912
23	-0.000775	0.001279	0.000635	0.000283	0.000612	-0.002163	0.000587	-0.000884	-0.000442	-0.000247	-0.000610	-0.000459
24	-0.002512	-0.000952	-0.002819	-0.000630	0.002234	0.028897	-0.000799	-0.000126	-0.002736	-0.002346	0.001931	-0.000399
25	-0.000444	0.000236	0.000017	0.000042	0.000383	-0.026164	0.002358	0.001673	0.002807	0.000455	-0.000243	0.022917
26	0.000101	-0.000012	-0.000028	0.000007	0.000131	0.001452	-0.000454	0.000190	0.000588	0.001278	0.000701	0.001259
27	-0.000076	0.000138	-0.000021	-0.000136	0.000022	0.019491	-0.002104	-0.000672	-0.002800	-0.001003	0.002012	-0.031002
28	0.000179	-0.000361	0.000309	0.000801	-0.000072	-0.001316	0.000274	-0.000119	0.000024	0.000083	-0.000277	0.000859
29	0.001048	0.000478	0.000138	-0.000705	-0.000154	0.000363	-0.000465	0.000084	0.000052	0.000200	0.000361	-0.000718
30	-0.007042	-0.004249	-0.006214	-0.001361	0.007527	-0.000781	0.000220	0.000812	0.000303	-0.000427	-0.000135	0.000552

31	0.008288	0.001193	0.005717	0.003222	-0.007212	-0.000608	-0.000066	-0.000616	0.000173	0.000545	-0.000802	-0.000962
32	-0.000481	0.001182	0.000030	-0.000711	0.000782	0.044777	-0.008244	-0.001106	-0.005818	-0.003999	0.006909	-0.000766
33	-0.000491	-0.000638	-0.000253	0.000457	0.000240	-0.039763	0.007598	0.003097	0.005573	0.001048	-0.007750	-0.000936
34	0.000327	0.000091	-0.000006	-0.000133	-0.000242	-0.000517	-0.000720	-0.000786	0.000058	0.001269	0.000426	-0.047966
35	-0.000285	0.000132	0.000062	0.000081	0.000374	-0.000109	0.000043	0.000342	-0.000274	-0.000651	0.000287	0.050983
36	-0.000057	0.000031	0.000002	0.000030	0.000071	-0.000212	-0.000049	0.000017	0.000010	0.000026	0.000036	-0.010673
37	0.000043	-0.000010	-0.000022	-0.000028	-0.000012	0.000010	-0.000022	0.000012	0.000015	0.000019	-0.000001	-0.000045
38	-0.000042	-0.000012	-0.000090	-0.000066	-0.000051	-0.000335	-0.000078	0.000038	0.000003	0.000034	0.000068	0.000391
39	0.001592	0.000472	0.001446	-0.000304	-0.001887	0.000025	0.000004	-0.000019	-0.000018	-0.000005	-0.000009	0.000122
40	-0.002819	0.000688	-0.001201	-0.000305	0.001714	0.000071	0.000097	-0.000080	-0.000083	-0.000043	-0.000005	0.000013
41	-0.000048	0.000066	0.000083	0.000044	0.000016	-0.011276	0.001646	-0.000307	0.001401	0.000465	-0.001593	-0.000013
42	0.000024	0.000012	0.000006	-0.000010	0.000012	0.009633	-0.001641	-0.000290	-0.001189	0.000725	0.002662	-0.000013
43	-0.000005	0.000012	0.000009	0.000012	0.000018	0.000077	-0.000007	0.000045	0.000084	0.000069	0.000055	0.011038
44	0.000124	-0.000068	-0.000020	-0.000010	-0.000168	0.000053	-0.000033	-0.000034	0.000001	0.000043	-0.000053	-0.000353
45	-0.004622	0.000312	-0.000914	-0.001762	-0.004629	-0.000075	0.000136	-0.000079	-0.000028	-0.000067	-0.000171	-0.000259
46	-0.000087	0.000023	-0.000008	0.000052	0.000087	0.003168	0.005629	-0.002042	-0.000917	0.000315	0.004988	0.000172
47	-0.000010	0.000059	0.000004	-0.000005	0.000057	0.000417	-0.000024	0.000054	0.000003	-0.000018	0.000092	0.002943
48	0.000060	-0.000100	-0.000042	0.000034	-0.000015	-0.000134	-0.000236	0.000134	0.000092	-0.000027	0.000055	0.000014
49	0.000529	-0.000085	-0.000088	-0.000030	0.000115	-0.000034	-0.000325	0.000093	0.000077	0.000024	-0.000085	0.000035
50	0.000803	-0.000254	-0.000181	-0.000075	0.000126	0.000273	-0.000040	0.000020	0.000018	0.000040	-0.000121	-0.000027
51	0.000290	-0.000128	-0.000117	-0.000065	0.000021	-0.000154	-0.000177	0.000042	0.000061	0.000051	0.000019	0.000179
52	-0.000122	-0.000006	0.000012	0.000105	-0.000035	-0.000114	0.000165	0.000024	-0.000009	-0.000049	0.000196	0.000229
53	0.000131	-0.000028	-0.000023	-0.000030	-0.000020	-0.000234	-0.000493	0.000201	0.000139	0.000001	-0.000091	-0.000147
54	0.000056	-0.000008	-0.000009	-0.000004	0.000020	-0.000026	-0.000057	0.000013	0.000011	0.000007	-0.000003	-0.000024
55	0.000027	0.000016	0.000032	0.000058	0.000026	-0.000070	-0.000043	0.000020	0.000008	-0.000014	0.000020	-0.000026
56	0.000124	-0.000025	-0.000029	-0.000026	0.000007	-0.000052	-0.000040	0.000005	0.000016	0.000019	-0.000005	-0.000020
57	0.000010	-0.000004	-0.000004	0.000000	0.000006	-0.000007	0.000015	-0.000001	-0.000002	-0.000004	0.000005	0.000074
58	-0.000008	0.000007	0.000005	-0.000002	-0.000007	0.000004	-0.000020	0.000019	0.000018	0.000013	0.000009	0.000017
59	0.000065	-0.000024	-0.000030	-0.000007	0.000029	-0.000065	-0.000010	0.000005	-0.000004	0.000004	0.000006	0.000045
60	0.000057	-0.000013	-0.000031	-0.000062	-0.000105	-0.000051	0.000091	0.000018	-0.000036	0.000013	-0.000012	-0.000019
61	0.001266	-0.000815	-0.000406	0.000193	0.000312	-0.002463	-0.002342	0.000860	0.000554	-0.000286	-0.001283	0.000486
62	-0.001274	0.000706	0.000449	-0.000169	-0.000121	0.002180	0.001617	-0.000692	-0.000431	0.000164	0.000743	-0.000048
63	-0.001938	0.000425	0.000373	0.000286	-0.000157	-0.000355	0.001508	-0.000201	0.000215	0.000365	0.001734	0.000393
64	0.001755	-0.000564	-0.000356	-0.000222	0.000166	-0.000159	-0.001688	0.000364	-0.000031	-0.000291	-0.001428	-0.000185
65	0.001221	-0.000341	-0.000251	-0.000191	0.000049	-0.000836	-0.002233	0.000685	0.000225	-0.000160	-0.001050	-0.000479
66	-0.001570	0.000415	0.000169	0.000158	-0.000378	0.001034	0.002345	-0.000623	-0.000317	0.000107	0.001157	-0.000766
67	-0.000550	0.000770	0.000309	-0.000287	-0.000211	0.003609	0.003113	-0.001339	-0.000983	0.000084	0.000598	-0.000547
68	0.001106	-0.000560	-0.000246	0.000249	0.000316	-0.002930	-0.002315	0.000963	0.000764	-0.000015	-0.000480	0.000832
69	-0.000200	-0.000320	-0.000537	-0.000317	0.000234	-0.001091	-0.000156	-0.000068	0.000039	0.000264	0.000015	0.003967
70	0.000023	-0.000442	0.000000	0.000271	-0.000136	0.002526	-0.000455	-0.000195	-0.000411	-0.000334	0.000146	-0.000776
71	0.000155	0.000533	0.000463	0.000090	-0.000327	0.001131	0.000108	0.000262	-0.000078	-0.000479	-0.000074	-0.003410
72	0.000041	0.000254	0.000072	-0.000051	0.000208	-0.002483	0.000587	-0.000028	0.000422	0.000550	-0.000067	0.000131
73	-0.000123	-0.000072	-0.000001	0.000075	-0.000039	0.000390	0.000414	0.000353	0.000344	-0.000088	-0.000201	0.048137
74	0.000178	0.000106	0.000065	-0.000076	-0.000008	-0.000108	-0.000129	-0.000099	-0.000057	0.000112	0.000031	0.020226
75	0.000186	0.000064	0.000078	-0.000028	-0.000026	0.000173	-0.000103	-0.000133	-0.000056	0.000119	-0.000015	0.004894
76	-0.000720	-0.000189	-0.000472	-0.000281	-0.000068	0.000737	0.000128	0.000046	-0.000039	-0.000173	-0.000044	-0.029704
77	0.003254	0.001620	0.003662	0.001347	-0.001625	-0.000107	-0.000005	0.000091	0.000002	-0.000041	0.000156	0.000627
78	-0.000678	-0.000338	-0.000537	-0.000025	0.000828	-0.000310	-0.000001	-0.000078	0.000053	0.000106	-0.000179	-0.000143
79	-0.002688	-0.001133	-0.002744	-0.001127	0.001494	-0.000100	0.000009	-0.000026	0.000072	0.000056	-0.000201	-0.000426
80	-0.002085	-0.000130	-0.002866	0.000800	0.002648	0.001141	0.000105	-0.000324	-0.000428	-0.000204	0.000605	-0.000287

81	0.003127	-0.000612	0.002569	-0.000520	-0.002023	-0.026556	0.001823	0.001202	0.003527	0.001582	-0.002946	0.001036
82	0.002302	0.000739	0.002376	0.000710	-0.002557	0.004183	-0.000927	0.000046	-0.000518	-0.000392	0.000660	-0.000082
83	0.000632	0.000226	0.000608	0.000123	-0.000796	0.017888	-0.001794	-0.000956	-0.002588	-0.001126	0.002521	-0.000311
84	-0.002517	-0.001037	-0.003298	-0.001054	0.003103	0.043932	-0.002565	0.000972	-0.002688	0.000036	0.002315	0.000694
85	0.000502	-0.000147	0.000242	0.000194	-0.000677	-0.041558	0.001804	-0.000591	0.002517	-0.000625	-0.003034	0.026848
86	-0.000088	0.000120	-0.000048	-0.000061	0.000199	-0.014549	0.002700	0.000627	0.002314	0.000765	-0.001905	-0.005283
87	-0.000039	0.000132	-0.000047	-0.000105	0.000163	-0.004126	0.000941	0.000007	0.000548	0.000240	-0.000650	-0.018110
88	0.000065	-0.000191	-0.000050	0.000013	-0.000212	0.022162	-0.003297	-0.000947	-0.003229	-0.001031	0.002106	-0.046446
89	0.000174	0.000061	0.000112	0.000291	0.000310	-0.000434	-0.000041	0.000073	-0.000001	0.000007	0.000123	0.001515
90	0.000679	0.000447	0.000071	-0.000295	0.000682	0.000544	-0.000330	0.000323	0.000136	0.000078	-0.000072	0.000173
91	-0.000045	-0.000014	-0.000063	-0.000103	0.000173	0.000201	-0.000986	-0.000196	0.000089	0.000486	-0.000782	-0.001606
92	-0.000053	-0.000021	-0.000014	0.000049	0.000011	-0.001757	-0.000127	-0.000149	-0.000060	0.000000	0.000001	0.000788
93	-0.000110	-0.000045	-0.000032	0.000048	0.000020	-0.000027	0.000032	0.000066	0.000046	-0.000033	0.000022	-0.005589
94	-0.000068	-0.000061	-0.000032	0.000028	-0.000012	0.000135	0.000097	0.000033	0.000011	-0.000080	-0.000052	-0.014636
95	-0.000103	-0.000025	-0.000030	0.000031	0.000041	-0.000152	0.000038	0.000069	0.000026	-0.000053	0.000016	-0.002507
96	-0.000084	-0.000041	-0.000047	0.000000	-0.000014	-0.000007	0.000063	0.000066	0.000028	-0.000067	0.000000	-0.002400
97	0.000303	0.000213	0.000321	0.000088	-0.000312	0.000005	-0.000025	0.000050	-0.000024	-0.000038	0.000124	0.000208
98	0.000379	0.000121	0.000218	-0.000059	-0.000512	0.000308	0.000028	0.000027	-0.000030	-0.000068	0.000054	-0.000069
99	0.001552	0.000546	0.001593	0.000873	-0.000828	-0.000062	-0.000052	0.000038	-0.000024	-0.000014	0.000128	0.000332
100	0.001123	0.000589	0.001149	0.000254	-0.000686	0.000157	0.000039	-0.000009	-0.000046	-0.000042	0.000075	0.000104
101	-0.001009	-0.000215	-0.000973	-0.000499	0.000971	-0.001964	0.000381	0.000045	0.000314	0.000220	-0.000322	0.000017
102	-0.001266	-0.000549	-0.001413	-0.000195	0.001599	-0.002266	0.000519	-0.000072	0.000219	0.000160	-0.000340	0.000085
103	-0.000377	-0.000060	-0.000257	-0.000006	0.000449	-0.012627	0.001055	0.000731	0.001457	0.000526	-0.001492	0.000253
104	-0.000254	-0.000175	-0.000353	-0.000112	0.000349	-0.005257	0.000733	0.000224	0.001130	0.000599	-0.001034	0.000057
105	0.000026	-0.000043	0.000039	0.000041	-0.000084	0.003988	-0.001069	-0.000472	-0.000989	-0.000228	0.000841	0.002414
106	0.000063	-0.000076	0.000008	0.000019	-0.000115	0.010576	-0.001633	-0.000155	-0.001329	-0.000538	0.001056	0.002851
107	-0.000002	-0.000056	0.000024	0.000062	-0.000055	0.002093	-0.000516	0.000053	-0.000225	-0.000052	0.000397	0.013412
108	0.000041	-0.000077	0.000021	0.000044	-0.000108	0.002009	-0.000420	-0.000068	-0.000314	-0.000172	0.000259	0.004719
109	-0.000359	0.000127	-0.000166	-0.000238	0.000011	-0.000002	-0.000134	-0.000098	-0.000088	0.000110	0.000155	-0.000215
110	0.000193	-0.000193	0.000050	-0.000052	-0.000317	0.000446	0.000178	0.000024	0.000086	-0.000117	-0.000278	-0.001307
111	-0.013354	-0.003600	-0.006465	-0.002556	0.012090	-0.000167	0.000114	-0.000291	-0.000173	0.000114	0.000191	0.000277
112	0.012715	0.003139	0.006387	0.002832	-0.012839	-0.000373	0.000209	-0.000027	0.000031	-0.000196	-0.000124	-0.000418
113	-0.000201	0.000063	-0.000037	0.000011	-0.000009	0.030117	-0.012075	-0.002356	-0.006423	-0.003292	0.013512	0.000697
114	0.000243	-0.000045	0.000096	0.000090	-0.000168	-0.030065	0.013085	0.002543	0.006326	0.002797	-0.012759	0.000895
115	-0.000209	0.000122	-0.000099	-0.000059	0.000215	0.000822	-0.000042	0.000020	-0.000055	0.000066	0.000171	-0.040743
116	0.000265	-0.000103	0.000111	0.000007	-0.000231	0.000941	0.000177	0.000121	0.000113	-0.000061	-0.000169	0.040524
117	0.000681	-0.000055	-0.000045	-0.000084	0.000189	0.000660	0.000258	-0.000283	-0.000139	-0.000001	-0.000336	-0.000037
118	0.000493	-0.000133	-0.000069	-0.000054	0.000075	0.000349	-0.000021	-0.000012	0.000004	-0.000017	-0.000191	-0.000215
119	0.000422	-0.000064	-0.000056	-0.000058	0.000062	0.000207	-0.000107	0.000019	0.000006	0.000029	-0.000138	-0.000139
120	0.000091	-0.000037	-0.000008	0.000006	-0.000016	0.000116	0.000048	0.000006	-0.000002	-0.000023	-0.000017	-0.000044
121	-0.000086	0.000045	0.000018	-0.000002	0.000005	-0.000067	-0.000053	-0.000001	0.000009	0.000011	0.000003	0.000032
122	-0.000007	-0.000007	-0.000009	-0.000003	0.000012	-0.000052	0.000001	-0.000004	-0.000006	0.000013	0.000014	0.000013
123	-0.000033	0.000004	0.000017	0.000010	-0.000006	0.000073	0.000042	-0.000014	-0.000016	-0.000019	-0.000016	-0.000067
124	0.000054	-0.000001	-0.000012	-0.000005	0.000026	0.000010	-0.000033	0.000013	0.000007	0.000007	-0.000027	0.000105
125	-0.000017	-0.000004	-0.000007	-0.000006	-0.000020	-0.000079	-0.000003	-0.000002	0.000007	0.000011	0.000043	-0.000040
126	0.000332	-0.000094	-0.000065	-0.000072	0.000023	0.000223	0.000073	-0.000060	-0.000029	0.000031	-0.000107	-0.000195
127	0.000238	-0.000075	-0.000048	-0.000036	0.000032	0.000233	0.000145	-0.000053	-0.000040	-0.000003	-0.000065	0.000063
128	0.000003	-0.000006	0.000000	0.000006	-0.000001	-0.000004	0.000012	-0.000006	-0.000003	-0.000002	0.000009	-0.000019
129	0.000017	-0.000004	-0.000004	-0.000002	-0.000008	0.000079	-0.000007	0.000007	0.000012	-0.000001	-0.000021	-0.000048
130	0.000091	-0.000040	-0.000034	-0.000013	0.000020	-0.000044	-0.000015	0.000005	0.000004	0.000006	0.000009	0.000125

131	-0.000040	0.000015	0.000013	0.000007	0.000005	-0.000047	0.000004	0.000002	-0.000002	0.000002	0.000020	0.000107
132	0.000013	-0.000013	-0.000008	-0.000007	-0.000011	0.000052	0.000020	-0.000011	-0.000006	-0.000007	-0.000012	-0.000076
133	-0.000086	0.000048	0.000033	0.000010	-0.000004	-0.000036	-0.000013	0.000003	-0.000004	0.000001	-0.000004	-0.000088
134	0.000121	0.000063	0.000080	-0.000019	0.000171	0.000823	-0.000207	0.000041	-0.000161	-0.000027	0.000035	-0.000688
135	-0.000020	-0.000020	0.000162	0.000066	0.000110	0.000501	-0.000123	0.000211	0.000004	-0.000271	-0.000069	-0.011248
136	-0.000045	-0.000032	0.000161	0.000147	0.000157	-0.000057	-0.000113	0.000116	0.000073	-0.000074	0.000158	0.000310
137	-0.000047	-0.000054	0.000023	0.000150	0.000050	0.000497	-0.000082	0.000081	-0.000046	-0.000050	0.000045	-0.000525
138	0.000086	-0.000142	0.000042	0.000297	0.000299	0.000392	-0.000076	0.000035	-0.000097	0.000030	0.000074	-0.002596
139	0.000627	-0.000656	0.000037	0.000730	0.000334	-0.000124	0.000313	-0.000081	0.000006	0.000044	0.000062	-0.000339
140	0.000222	-0.000573	0.000134	0.000651	0.000632	0.000335	0.000163	-0.000061	-0.000128	0.000077	-0.000040	-0.000617
141	0.000411	-0.000467	0.000224	0.000527	0.000459	0.000372	0.000241	-0.000140	-0.000145	0.000052	-0.000080	-0.000515
142	0.000722	-0.000135	0.000131	-0.000022	0.001050	0.000284	0.000220	-0.000138	-0.000127	0.000008	-0.000132	-0.000547
143	0.001408	0.000413	0.001631	-0.000436	0.002353	0.000393	0.000301	-0.000217	-0.000067	0.000060	-0.000075	-0.000592
144	0.000017	-0.000019	-0.000954	-0.000423	-0.000455	-0.000878	0.000414	-0.000725	0.000158	0.000736	-0.000204	-0.001738
145	-0.001086	-0.000357	0.000374	0.000567	-0.001189	0.003522	0.000740	-0.000953	-0.000522	0.000460	-0.000163	-0.001393
146	-0.000701	0.000690	0.000308	-0.000431	-0.000381	0.001361	0.000723	-0.000496	-0.000418	0.000348	0.000069	-0.000566
147	-0.000272	0.001261	0.000343	-0.000930	-0.000342	-0.000493	0.000988	0.000172	0.000141	0.000107	0.000923	0.000185
148	-0.000205	0.000404	-0.000177	-0.000432	-0.000245	0.005261	0.000898	0.001134	-0.000477	-0.000171	0.001131	-0.000900
149	-0.000103	0.000046	0.000023	0.000096	-0.000035	-0.001357	-0.000329	0.000616	0.000048	-0.000839	-0.000438	0.001944
150	0.000003	0.000118	-0.000179	-0.000155	-0.000101	0.010503	-0.000361	-0.000588	-0.001447	-0.000067	-0.001419	-0.001199
151	0.000147	0.000070	-0.000080	-0.000129	-0.000050	0.001583	-0.000242	0.000012	-0.000423	-0.000145	-0.000759	-0.001790
152	-0.000010	0.000067	0.000061	-0.000018	0.000034	0.001277	-0.000288	0.000412	-0.000465	-0.000835	-0.000290	-0.001240
153	-0.000072	0.000046	0.000120	0.000059	0.000089	0.000008	-0.000004	0.000567	-0.000118	-0.000641	-0.000384	-0.010234
154	0.000390	-0.000256	-0.000175	0.000078	0.000200	0.000482	0.000109	-0.000040	-0.000104	0.000001	0.000030	-0.000336
155	-0.001141	0.000421	0.000201	0.000518	0.001918	-0.000083	0.000198	-0.000144	0.000156	0.000122	0.000163	-0.000918
156	-0.000183	0.000232	-0.000247	-0.000119	-0.000255	0.015712	0.001445	-0.000565	-0.000557	-0.000583	-0.001786	-0.000858
157	-0.000059	0.000078	0.000084	0.000087	0.000183	-0.000207	-0.000237	0.000247	0.000051	-0.000186	-0.000098	-0.018974
158	-0.000142	0.000048	0.000042	0.000013	0.000015	0.000266	0.000376	-0.000136	-0.000086	-0.000041	0.000095	0.000083
159	0.000490	-0.000165	-0.000231	-0.000159	-0.000020	0.000669	0.001030	-0.000415	-0.000369	-0.000088	0.000027	-0.000095
160	0.000525	-0.000202	-0.000230	-0.000160	-0.000045	0.000551	0.000787	-0.000332	-0.000295	-0.000083	-0.000002	-0.000254
161	0.000233	-0.000110	-0.000085	-0.000027	0.000040	-0.000306	-0.000250	0.000073	0.000054	0.000003	-0.000019	0.000080
162	0.000036	0.000000	-0.000035	-0.000077	-0.000127	-0.000254	-0.000001	0.000001	0.000128	0.000183	0.000519	-0.000075
163	0.001290	-0.000511	-0.000372	-0.000120	0.000059	-0.001509	-0.001519	0.000477	0.000370	0.000075	-0.000229	0.000036
164	-0.000101	-0.000023	0.000238	0.000177	0.000189	-0.000058	-0.000194	0.000220	0.000101	-0.000142	0.000240	0.005053
165	-0.000037	0.000010	-0.000030	-0.000037	-0.000061	0.000291	0.000021	0.000009	-0.000024	-0.000051	-0.000076	-0.004755
166	0.000054	0.000096	-0.000069	-0.000281	-0.000132	-0.000636	0.000111	-0.000107	0.000056	0.000034	-0.000133	-0.004826
167	0.000246	-0.000430	-0.000697	0.000023	-0.000818	0.000658	0.000401	-0.000199	-0.000242	0.000056	-0.000167	-0.000874
168	-0.000409	0.000194	-0.000919	-0.000725	-0.001189	0.000042	-0.000020	0.000014	-0.000001	-0.000011	-0.000035	-0.000091
169	-0.000463	-0.000679	0.001366	0.002055	0.001517	-0.000701	-0.000440	0.000274	0.000209	0.000000	0.000246	0.001042
170	0.000349	0.001758	0.000998	-0.001276	0.000490	0.005284	0.001439	-0.000458	-0.001061	-0.000072	-0.000562	0.000317
171	-0.000544	0.001484	0.000744	-0.000841	-0.000063	-0.001362	-0.000812	0.000695	0.000597	-0.000434	-0.000177	0.000444
172	-0.000367	-0.000496	0.000281	0.000470	0.000353	0.006577	0.001595	-0.002204	-0.001826	0.000537	-0.000602	0.000024
173	0.000220	0.000109	-0.000142	-0.000215	-0.000122	0.000879	-0.000030	-0.001185	0.000158	0.001519	0.000240	0.001069
174	-0.000065	0.000020	-0.000003	0.000003	0.000033	0.003436	-0.000302	0.000304	-0.000675	-0.000801	-0.000354	0.003422
175	-0.000003	-0.000107	-0.000103	0.000026	-0.000075	0.002288	0.000115	-0.000245	-0.000040	0.000445	-0.000250	-0.000294
176	-0.000170	0.000211	-0.000479	-0.000379	-0.000502	0.000874	0.000072	-0.000126	-0.000259	0.000059	-0.000300	-0.002257
177	0.000324	0.000305	-0.000415	-0.000870	-0.001049	0.000109	0.000071	-0.000070	-0.000049	-0.000043	-0.000115	-0.000535
178	-0.000231	0.000638	0.004342	0.002717	0.003322	-0.000829	-0.000425	0.000334	0.000180	-0.000228	0.000083	0.000793
179	0.000748	-0.002002	-0.003464	-0.000794	-0.001144	-0.001992	-0.000937	0.000653	0.000630	-0.000134	0.000656	0.000680
180	0.000357	0.000147	-0.000240	-0.000498	-0.000279	0.009879	0.001948	-0.002212	-0.003345	-0.000326	0.000320	0.002290

181	-0.000337	0.000144	0.000245	0.000060	0.000085	-0.008083	-0.000171	0.000403	0.002832	0.002025	-0.000094	0.002959
182	-0.000351	-0.000075	0.000297	0.000251	0.000109	0.002672	-0.000281	0.000402	0.000042	-0.000565	0.000015	-0.009310
183	-0.000042	-0.000055	-0.000214	0.000089	-0.000114	0.001782	-0.000118	0.000239	-0.000371	-0.000276	-0.000194	0.012622
184	0.000801	-0.000306	-0.000339	-0.000158	0.000029	0.000070	0.000245	-0.000169	-0.000200	-0.000070	-0.000119	-0.000027
185	0.000331	-0.000101	-0.000198	-0.000172	-0.000102	0.000978	0.001217	-0.000469	-0.000416	-0.000091	0.000038	-0.000249
186	-0.000147	0.000072	0.000071	0.000030	-0.000011	0.000150	0.000078	-0.000030	-0.000006	-0.000011	0.000005	-0.000049
187	-0.000418	0.000121	0.000198	0.000177	0.000126	-0.000965	-0.001046	0.000431	0.000376	0.000095	0.000038	0.000440
188	-0.000572	0.000216	0.000273	0.000127	-0.000036	-0.000253	-0.000527	0.000249	0.000258	0.000079	0.000036	-0.000101
189	-0.000021	0.000020	0.000015	0.000009	0.000003	-0.000047	-0.000006	0.000010	0.000005	0.000008	0.000023	0.000030
190	0.000091	-0.000008	-0.000052	-0.000127	-0.000174	0.000148	-0.000002	-0.000040	-0.000002	0.000023	-0.000056	-0.000432
191	0.000208	-0.000081	-0.000071	-0.000124	-0.000169	-0.000031	-0.000008	-0.000005	0.000010	0.000018	-0.000035	-0.000331
192	-0.000044	0.000029	-0.000005	-0.000016	0.000032	-0.000056	-0.000019	0.000016	0.000009	0.000003	0.000034	0.000128
193	-0.000067	0.000005	-0.000015	-0.000001	-0.000020	-0.000196	-0.000045	0.000021	0.000005	0.000028	0.000023	0.000141
194	0.000056	-0.000022	-0.000046	-0.000074	-0.000080	0.000146	-0.000042	-0.000019	0.000000	0.000033	-0.000049	-0.000188
195	-0.000018	0.000004	-0.000035	-0.000034	-0.000053	-0.000126	-0.000060	-0.000011	0.000015	0.000036	-0.000015	0.000339
196	0.000034	-0.000009	-0.000016	-0.000025	-0.000037	0.000059	0.000012	-0.000003	0.000003	-0.000003	-0.000013	0.000032
197	0.000038	-0.000020	-0.000033	-0.000031	-0.000002	-0.000067	-0.000031	0.000009	0.000007	0.000022	0.000008	0.000023
198	0.000007	-0.000008	-0.000008	-0.000010	-0.000002	-0.000032	-0.000016	0.000001	-0.000002	0.000006	0.000000	-0.000058
199	-0.000011	0.000009	0.000003	0.000004	0.000008	-0.000016	-0.000016	0.000003	0.000007	0.000016	-0.000003	0.000045
200	-0.000013	0.000010	-0.000002	-0.000001	-0.000015	-0.000057	-0.000016	0.000011	0.000014	0.000015	0.000014	0.000080
201	0.001030	-0.003762	-0.001726	-0.002286	-0.006044	-0.000122	0.000040	-0.000064	-0.000007	-0.000015	-0.000049	-0.000247
202	0.001554	-0.002715	-0.000930	-0.001415	-0.006465	0.000005	0.000045	-0.000089	-0.000081	-0.000036	-0.000112	0.000115
203	0.001833	0.000700	0.001063	-0.000428	-0.000980	-0.000146	-0.000020	-0.000011	-0.000031	0.000002	0.000008	0.000239
204	0.002492	0.000718	0.001453	-0.000615	0.003099	-0.000186	-0.000046	-0.000009	-0.000001	0.000016	0.000029	0.000090
205	-0.004333	0.000380	0.000076	0.004094	0.007158	0.000103	0.000139	-0.000092	-0.000044	-0.000066	-0.000073	0.000024
206	-0.003452	0.000346	0.000992	0.004458	0.001710	0.000259	0.000184	-0.000116	-0.000084	-0.000056	-0.000138	0.000002
207	-0.000351	0.000031	0.000381	0.000490	-0.000673	0.000068	0.000015	0.000000	-0.000004	-0.000020	-0.000020	0.000019
208	0.000052	-0.000320	-0.000351	-0.000084	-0.000119	-0.000028	-0.000013	-0.000012	-0.000013	-0.000012	-0.000033	0.000044
209	0.000016	-0.000080	0.000166	0.000479	-0.000021	0.000022	-0.000009	-0.000017	-0.000016	-0.000007	-0.000028	0.000008
210	0.000205	-0.000573	0.000134	0.000007	0.000030	0.000018	0.000024	-0.000036	-0.000024	-0.000011	-0.000015	0.000080
211	-0.001456	-0.000138	-0.000232	0.000168	-0.000470	0.000057	0.000056	-0.000024	-0.000005	0.000003	0.000017	0.000019
212	0.000043	0.000021	0.000005	0.000004	0.000009	-0.001616	-0.001692	0.004259	0.000834	0.000663	0.004445	-0.000174
213	0.000075	0.000046	0.000042	0.000005	0.000082	-0.001303	-0.006635	0.003596	0.000736	0.000856	0.005072	-0.000085
214	0.000003	0.000004	0.000018	0.000016	0.000030	-0.001208	-0.003008	-0.000695	0.001425	0.000559	-0.001893	0.000165
215	-0.000056	0.000039	0.000034	0.000040	0.000053	-0.002284	0.000573	-0.000585	0.000510	0.000801	-0.003399	-0.000018
216	-0.000143	0.000110	0.000075	0.000077	0.000094	-0.000228	0.006248	-0.001222	-0.001019	-0.003512	-0.003283	-0.000073
217	-0.000026	0.000042	0.000040	0.000014	0.000057	0.004915	0.006637	-0.002115	-0.002449	-0.004215	-0.000512	0.000036
218	0.000029	-0.000022	0.000000	0.000004	0.000014	0.000915	0.000385	0.000119	-0.000263	-0.000300	0.000714	-0.000108
219	-0.000002	0.000014	0.000013	0.000015	0.000039	0.000380	-0.000010	0.000005	0.000055	-0.000723	-0.000325	-0.000031
220	0.000008	0.000016	0.000016	0.000015	0.000021	-0.000020	-0.000013	0.000430	0.000148	-0.000161	0.000023	-0.000030
221	-0.000044	0.000045	0.000029	0.000015	0.000017	0.000110	-0.000099	0.000197	-0.000306	-0.000215	-0.000130	-0.000004
222	-0.000023	0.000016	0.000008	-0.000013	-0.000019	-0.001481	0.000675	0.000498	0.000432	-0.000041	0.000294	-0.000085
223	-0.000022	0.000040	0.000025	0.000003	0.000071	-0.000125	-0.000127	0.000029	0.000061	0.000121	0.000124	-0.002820
224	0.000003	0.000050	-0.000010	0.000002	0.000075	0.000202	-0.000061	0.000048	0.000031	0.000052	0.000018	0.002057
225	-0.000010	0.000018	-0.000006	0.000014	0.000018	-0.000019	-0.000022	-0.000003	0.000006	0.000051	-0.000010	-0.003022
226	-0.000023	0.000000	0.000023	0.000015	0.000012	0.000014	0.000002	0.000020	0.000035	0.000016	0.000046	-0.002071
227	0.000008	0.000029	0.000031	0.000009	0.000035	0.000108	-0.000033	0.000019	0.000073	0.000071	0.000067	0.001129
228	0.000030	0.000029	-0.000009	-0.000030	0.000013	0.000033	-0.000034	0.000011	0.000020	0.000070	0.000088	0.003879
229	-0.000023	0.000012	0.000012	0.000010	0.000016	-0.000014	-0.000027	0.000003	0.000004	0.000007	0.000004	0.001116
230	0.000002	0.000022	0.000009	0.000003	0.000030	-0.000037	-0.000065	0.000027	0.000028	0.000034	0.000003	-0.000070

231	0.000001	0.000006	0.000005	0.000002	0.000013	-0.000014	-0.000022	0.000012	0.000007	0.000017	-0.000005	0.000305
232	-0.000003	0.000019	0.000004	0.000005	0.000021	-0.000031	-0.000017	0.000013	0.000019	0.000034	0.000025	0.000142
233	-0.000004	0.000001	0.000006	0.000001	-0.000004	0.000058	0.000037	-0.000017	-0.000004	-0.000003	0.000006	-0.002010
234	-0.000107	-0.000010	-0.000074	0.000001	0.000000	-0.000109	-0.000147	-0.000056	-0.000019	0.000095	-0.000057	0.000363
235	0.000484	-0.000116	-0.000070	-0.0000214	-0.000181	0.000073	0.000016	-0.000039	0.000014	0.000005	-0.000069	-0.000695
236	-0.000042	0.000030	0.000060	0.000039	-0.000029	0.000241	0.000110	0.000005	-0.000001	-0.000063	-0.000004	-0.000194
237	-0.000039	0.000015	0.000025	0.000022	0.000019	0.000005	0.000049	0.000031	0.000007	-0.000034	0.000034	0.000074
238	-0.000015	-0.000002	-0.000014	0.000005	0.000022	-0.000070	-0.000022	0.000003	0.000002	0.000017	0.000014	0.000043
239	-0.000054	0.000020	0.000012	0.000024	0.000028	-0.000081	-0.000012	0.000011	-0.000002	0.000005	0.000024	0.000060
240	0.000050	-0.000022	-0.000024	-0.000030	0.000000	-0.000070	-0.000028	-0.000004	-0.000003	0.000011	-0.000005	-0.000040
241	0.000054	-0.000022	-0.000020	-0.000026	0.000000	-0.000060	-0.000030	-0.000003	-0.000003	0.000012	-0.000005	-0.000042
242	-0.000007	0.000005	0.000020	0.000020	0.000003	0.000089	0.000037	0.000003	0.000005	-0.000019	-0.000002	0.000019
243	0.000001	0.000002	0.000016	0.000013	0.000001	0.000070	0.000015	0.000000	0.000003	-0.000004	-0.000009	0.000052
244	-0.000138	0.000042	0.000023	0.000054	0.000060	0.000034	0.000011	0.000019	-0.000003	-0.000013	0.000018	0.000177
245	-0.000187	0.000058	0.000046	0.000090	0.000077	-0.000123	0.000000	0.000031	0.000000	-0.000012	0.000061	0.000184
246	-0.002346	-0.000636	0.000508	0.000927	0.003961	0.000124	0.000176	-0.000052	0.000014	-0.000085	-0.000100	-0.000174
247	-0.000315	-0.002012	-0.003342	-0.000855	-0.001205	-0.000099	0.000032	-0.000172	-0.000152	-0.000030	-0.000235	0.000152
248	0.000824	-0.000126	0.000251	0.001460	-0.005195	0.000140	-0.000027	0.000056	0.000021	0.000031	0.000069	-0.000088
249	0.001451	0.000997	-0.000333	0.001290	-0.004677	0.000008	-0.000047	0.000025	0.000002	0.000031	0.000062	0.000021
250	0.000800	-0.000501	0.000962	-0.003453	0.000971	-0.000124	-0.000040	0.000020	0.000021	0.000007	0.000017	-0.000014
251	0.000808	-0.000350	0.000216	-0.002886	0.001426	-0.000128	-0.000053	0.000042	0.000040	0.000020	0.000045	0.000027
252	0.000484	-0.000572	-0.000154	0.001092	-0.000024	-0.000020	-0.000002	-0.000016	-0.000017	-0.000011	-0.000027	0.000086
253	0.000340	-0.000385	-0.000870	0.001579	0.000749	-0.000019	0.000002	-0.000023	-0.000023	-0.000017	-0.000032	0.000070
254	0.000112	0.001413	0.001068	0.000775	0.000724	0.000001	-0.000005	0.000003	-0.000011	0.000010	0.000008	0.000047
255	-0.000382	0.001849	0.000166	0.001078	0.001069	0.000032	0.000026	-0.000022	-0.000025	0.000003	-0.000015	0.000049
256	-0.000962	0.000186	0.001069	-0.000163	0.002796	0.000001	-0.000033	0.000058	0.000053	0.000019	0.000098	-0.000004
257	-0.000387	-0.000260	0.000894	0.000629	0.001721	0.000086	-0.000029	0.000082	0.000076	0.000022	0.000107	-0.000176
258	-0.000353	0.000144	0.000105	0.000136	0.000165	0.021469	0.002379	-0.000920	-0.003456	-0.001802	-0.000771	-0.000324
259	0.000197	0.000080	0.000016	-0.000055	0.000102	-0.012759	-0.003763	0.000814	0.001727	-0.000411	0.002038	0.000438
260	0.000158	-0.000120	-0.000066	-0.000074	-0.000153	-0.002912	-0.001860	0.000821	0.000798	-0.000763	0.002254	-0.000057
261	0.000102	-0.000059	-0.000032	-0.000049	-0.000071	-0.001755	-0.002944	0.000037	0.001133	-0.000325	0.002477	0.000024
262	-0.000025	0.000007	-0.000002	0.000017	0.000035	-0.001887	-0.001012	0.000919	-0.000242	0.002728	-0.000296	-0.000046
263	-0.000023	-0.000014	-0.000009	0.000006	-0.000010	-0.001463	-0.000786	0.000599	0.000564	0.002091	-0.001001	-0.000027
264	-0.000019	0.000033	0.000022	0.000021	0.000045	0.001382	-0.000709	0.001115	-0.000139	-0.000832	-0.000621	0.000043
265	-0.000018	0.000038	0.000027	0.000024	0.000049	0.001449	-0.000047	0.000674	0.000625	-0.001078	-0.000953	0.000034
266	0.000020	-0.000019	-0.000011	-0.000021	-0.000020	-0.000185	-0.001347	-0.002242	-0.000303	-0.000415	-0.000604	0.000105
267	-0.000041	0.000023	0.000014	-0.000006	0.000001	0.000380	-0.000809	-0.002892	0.000488	-0.000665	-0.000570	0.000087
268	-0.000021	-0.000036	-0.000017	0.000012	-0.000053	-0.003881	0.003834	0.001167	-0.000649	0.000825	-0.002134	-0.000119
269	0.000023	-0.000078	-0.000048	-0.000012	-0.000089	-0.001105	0.005051	0.001064	-0.000457	-0.000175	-0.000115	-0.000160
270	0.000050	0.000014	0.000072	-0.000033	0.000010	0.000078	-0.000077	0.000073	0.000154	0.000053	0.000153	0.025341
271	0.000034	0.000098	-0.000080	-0.000042	0.000138	0.000030	-0.000242	0.000052	-0.000018	0.000149	0.000021	-0.017017
272	-0.000056	-0.000015	-0.000019	0.000026	-0.000009	-0.000309	0.000052	-0.000036	-0.000075	-0.000035	0.000002	-0.005716
273	-0.000038	-0.000009	-0.000016	0.000024	-0.000006	-0.000157	0.000049	-0.000019	-0.000049	-0.000025	-0.000038	-0.003260
274	0.000028	-0.000012	0.000009	-0.000005	-0.000018	0.000172	-0.000006	0.000003	0.000019	-0.000012	-0.000035	0.000661
275	0.000016	-0.000021	0.000013	-0.000003	-0.000038	0.000191	0.000054	-0.000020	0.000003	-0.000034	-0.000038	0.000962
276	-0.000001	0.000016	0.000000	0.000001	0.000027	0.000068	-0.000021	0.000021	0.000023	0.000017	-0.000006	0.001453
277	-0.000002	0.000014	0.000001	0.000000	0.000026	0.000026	-0.000029	0.000020	0.000016	0.000013	0.000001	0.001158
278	-0.000015	0.000000	-0.000016	0.000004	0.000001	-0.000199	-0.000019	0.000000	-0.000023	0.000004	0.000019	-0.002703
279	-0.000007	0.000013	-0.000010	-0.000002	0.000017	-0.000195	-0.000030	0.000005	-0.000013	0.000024	0.000042	-0.001618
280	0.000000	-0.000043	0.000025	0.000019	-0.000063	0.000171	0.000120	-0.000047	-0.000006	-0.000060	-0.000062	-0.001426

281	-0.000009	-0.000055	0.000021	0.000011	-0.000086	0.000123	0.000151	-0.000052	-0.000030	-0.000093	-0.000058	0.000898
282	0.000200	-0.000105	0.000053	0.000048	-0.000194	0.000337	0.000132	0.000020	0.000049	-0.000087	-0.000193	-0.000645
283	0.000053	-0.000015	-0.000003	-0.000025	-0.000074	0.000186	0.000048	-0.000011	0.000009	-0.000029	-0.000066	-0.000191
284	-0.000008	0.000016	0.000006	0.000012	0.000028	-0.000081	-0.000028	0.000005	0.000002	0.000021	0.000030	0.000062
285	-0.000008	0.000013	0.000023	0.000025	0.000024	0.000039	0.000007	0.000000	0.000005	0.000001	0.000001	-0.000038
286	-0.000048	0.000027	0.000024	0.000042	0.000053	0.000028	0.000001	0.000001	-0.000002	0.000002	0.000011	0.000026
287	-0.000091	0.000045	0.000021	0.000039	0.000079	-0.000081	-0.000031	0.000001	0.000000	0.000023	0.000042	0.000181
288	-0.010493	-0.007043	-0.037631	-0.006636	0.009313	-0.000136	-0.000076	-0.000043	-0.000008	0.000113	0.000201	0.000243
289	0.251864	0.000688	-0.005416	-0.025095	-0.006083	-0.000132	-0.000107	0.000050	0.000024	0.000032	0.000048	0.000177
290	0.000688	0.246807	0.000978	0.007975	0.025728	0.000055	0.000074	-0.000050	-0.000029	-0.000032	-0.000045	-0.000074
291	-0.005416	0.000978	0.247615	0.000424	0.005729	-0.000017	0.000031	-0.000036	-0.000030	-0.000022	-0.000026	0.000039
292	-0.025095	0.007975	0.000424	0.248081	-0.001049	-0.000041	-0.000001	-0.000012	-0.000017	-0.000020	-0.000021	0.000014
293	-0.006083	0.025728	0.005729	-0.001049	0.254068	0.000133	0.000033	-0.000031	-0.000028	-0.000054	-0.000134	-0.000159
294	-0.000132	0.000055	-0.000017	-0.000041	0.000133	0.336497	-0.009444	-0.006639	-0.037520	-0.006544	0.011210	0.000293
295	-0.000107	0.000074	0.000031	-0.000001	0.000033	-0.009444	0.250452	0.001323	-0.005174	-0.025465	-0.006332	0.000137
296	0.000050	-0.000050	-0.000036	-0.000012	-0.000031	-0.006639	0.001323	0.246262	0.000705	0.007860	0.025410	0.000032
297	0.000024	-0.000029	-0.000030	-0.000017	-0.000028	-0.037520	-0.005174	0.000705	0.247449	0.000870	0.005916	-0.000003
298	0.000032	-0.000032	-0.000022	-0.000020	-0.000054	-0.006544	-0.025465	0.007860	0.000870	0.248630	-0.000773	-0.000066
299	0.000048	-0.000045	-0.000026	-0.000021	-0.000134	0.011210	-0.006332	0.025410	0.005916	-0.000773	0.254687	-0.000211
300	0.000177	-0.000074	0.000039	0.000014	-0.000159	0.000293	0.000137	0.000032	-0.000003	-0.000066	-0.000211	0.345979
301	0.000028	-0.000017	0.000001	0.000002	-0.000027	-0.000002	0.000009	0.000013	-0.000024	-0.000056	-0.000080	-0.010166
302	-0.000012	0.000001	0.000000	0.000003	0.000005	0.000037	0.000005	0.000001	0.000018	0.000024	0.000024	-0.007101
303	-0.000008	0.000004	0.000003	0.000002	0.000000	-0.000018	-0.000026	0.000018	0.000029	0.000032	0.000035	-0.038776
304	-0.000034	0.000023	0.000002	0.000006	0.000035	-0.000017	-0.000054	0.000024	0.000032	0.000048	0.000051	-0.007366
305	-0.000053	0.000025	-0.000005	0.000007	0.000050	-0.000156	-0.000092	0.000023	0.000031	0.000050	0.000069	0.010738
306	-0.000122	0.000092	0.000053	-0.000019	0.000097	0.000161	0.000060	0.000003	0.000034	-0.000030	0.000009	0.000126
307	0.000042	-0.000005	0.000057	0.000056	-0.000011	0.000195	0.000067	0.000012	0.000029	-0.000041	-0.000069	-0.000234
308	0.000048	-0.000021	0.000001	-0.000010	-0.000068	0.000022	0.000008	-0.000003	0.000010	0.000001	-0.000027	-0.000133
309	0.000018	-0.000014	-0.000016	-0.000009	-0.000001	-0.000001	-0.000004	0.000003	-0.000007	-0.000004	0.000000	0.000004
310	-0.000010	0.000003	0.000008	0.000007	0.000017	-0.000018	0.000006	0.000000	-0.000001	-0.000003	0.000005	0.000021
311	-0.000018	0.000019	-0.000006	-0.000012	0.000019	-0.000110	-0.000041	0.000004	0.000005	0.000028	0.000044	0.000111
312	-0.000077	0.000017	-0.000044	-0.000033	0.000042	-0.000087	-0.000036	-0.000016	-0.000034	0.000019	0.000047	0.000226
313	0.010835	-0.003326	0.002393	0.003638	0.012725	0.000180	-0.000185	0.000038	-0.000004	-0.000028	-0.000101	0.000252
314	0.047820	-0.024301	0.024898	0.053517	-0.000065	-0.000183	-0.000033	-0.000030	-0.000031	0.000035	0.000086	0.000244
315	0.024583	0.024409	0.051530	-0.007557	0.005439	0.000051	0.000005	-0.000019	0.000000	0.000006	-0.000006	-0.000016
316	-0.024967	0.053488	-0.009428	0.006816	-0.053658	-0.000016	0.000004	0.000011	0.000006	0.000005	0.000030	-0.000012
317	-0.053214	-0.006994	0.009282	-0.053565	-0.024806	-0.000016	0.000011	-0.000011	-0.000004	0.000008	0.000017	0.000024
318	0.006126	0.007446	-0.051253	-0.024482	0.025094	0.000071	0.000051	-0.000014	-0.000008	-0.000027	-0.000054	-0.000070
319	-0.000887	-0.052704	-0.025211	0.023936	0.047655	0.000095	-0.000038	0.000062	0.000037	-0.000027	-0.000073	-0.000168
320	-0.000158	0.000072	0.000002	-0.000006	-0.000171	0.002164	0.007845	-0.002616	0.000927	0.004196	0.011190	-0.000010
321	-0.000019	0.000012	-0.000022	-0.000046	0.000037	0.002033	0.048721	-0.023899	0.024935	0.053139	0.001470	0.000109
322	-0.000037	0.000007	-0.000007	0.000007	0.000017	0.065648	0.024759	0.024420	0.051506	-0.006834	0.004707	0.000105
323	0.000007	-0.000001	0.000003	0.000000	0.000016	0.033519	-0.025031	0.053377	-0.009259	0.006291	-0.053769	0.000016
324	0.000017	-0.000011	-0.000003	0.000005	0.000019	-0.033901	-0.053012	-0.007351	0.008925	-0.053582	-0.024583	-0.000041
325	0.000034	-0.000010	-0.000004	0.000001	-0.000014	-0.065978	0.007374	0.007810	-0.051382	-0.024577	0.024811	0.000047
326	0.000001	0.000002	0.000032	0.000033	-0.000074	-0.003214	-0.002870	-0.053033	-0.024529	0.024171	0.046596	-0.000235
327	-0.000043	0.000054	-0.000016	0.000006	0.000105	-0.000355	-0.000238	0.000106	-0.000005	-0.000030	0.000028	0.003983
328	0.000014	-0.000005	0.000026	0.000022	-0.000024	-0.000024	-0.000027	0.000064	0.000025	0.000009	-0.000005	0.000494
329	0.000051	-0.000028	-0.000002	-0.000007	-0.000052	0.000064	0.000041	-0.000007	0.000000	-0.000018	-0.000061	0.067640
330	0.000006	0.000000	-0.000001	0.000000	0.000004	0.000120	0.000040	-0.000018	-0.000010	-0.000012	-0.000018	0.035665

331	-0.000005	0.000007	0.000007	-0.000002	0.000001	-0.000073	-0.000013	0.000002	0.000004	0.000015	0.000034	-0.035022
332	-0.000026	-0.000003	-0.000008	0.000005	0.000010	-0.000038	-0.000011	0.000005	0.000002	0.000001	0.000020	-0.069065
333	-0.000041	0.000030	-0.000023	-0.000018	0.000061	-0.000052	-0.000029	-0.000047	-0.000020	0.000005	0.000031	-0.001119

	301	302	303	304	305	306	307	308	309	310	311	312
1	0.000549	-0.000160	-0.000060	-0.000001	0.000230	0.000219	0.000010	0.000035	0.000079	0.000070	0.000013	-0.000201
2	-0.001780	0.000650	0.000547	0.000322	-0.000022	0.002181	-0.000070	0.000197	-0.000032	-0.000359	-0.000448	0.000698
3	-0.001762	-0.000449	-0.003910	-0.001329	0.001763	0.006009	-0.005884	-0.006412	-0.004107	0.004043	0.005790	0.006220
4	0.000381	-0.000193	-0.000290	-0.000309	0.000223	-0.018101	0.006883	0.005674	0.003973	-0.004011	-0.005952	-0.006242
5	0.000259	0.000291	0.000160	0.000012	-0.000082	-0.016137	-0.001214	0.000214	0.000314	-0.000035	-0.000621	0.001338
6	0.001664	0.000652	0.003795	0.000922	-0.002238	-0.015693	0.001365	0.000195	0.000246	-0.000068	-0.000484	-0.001236
7	0.000017	-0.000087	-0.000076	-0.000036	-0.000194	0.000064	-0.000028	-0.000249	-0.000143	0.000039	0.000193	0.000184
8	-0.004477	-0.001840	-0.007532	-0.001701	0.005883	0.001434	-0.000904	0.000891	0.000955	-0.000787	-0.002164	0.002053
9	0.000994	0.000938	0.001336	-0.000389	-0.002234	0.000792	-0.005337	-0.010736	-0.006958	0.006794	0.011410	0.004282
10	-0.000161	-0.000546	-0.000137	0.000334	0.000232	-0.042149	0.005860	0.012264	0.007538	-0.007286	-0.011635	-0.006156
11	0.000244	0.000140	-0.000041	-0.000318	-0.000281	0.010523	0.001756	-0.002783	-0.001285	0.001180	0.001470	-0.000432
12	-0.000121	0.000118	-0.000032	-0.000071	0.000157	-0.002123	-0.001738	0.000802	-0.000224	-0.000007	0.000187	0.000975
13	0.000034	-0.000155	0.000095	0.000388	-0.000233	-0.001640	0.000614	-0.000398	0.000134	0.000003	-0.000162	-0.000191
14	-0.002191	0.000406	-0.001178	-0.000865	0.001232	-0.002403	-0.000483	-0.000055	0.000059	0.000163	-0.000470	0.000780
15	0.005943	0.000477	0.007077	0.002346	-0.005303	-0.000850	0.001356	0.000204	-0.000044	-0.000332	0.000759	-0.001926
16	0.002435	-0.000809	-0.003747	-0.002615	0.002343	0.039010	-0.000466	0.003328	0.002285	-0.002214	-0.003772	0.000991
17	0.000372	-0.001029	-0.000467	-0.000151	-0.000528	0.006329	0.003314	-0.000676	-0.000389	-0.000169	0.002358	-0.004430
18	0.000221	0.001566	0.003400	0.001113	-0.002161	-0.035071	-0.002882	-0.004588	-0.002571	0.003622	0.002613	0.003586
19	0.000502	-0.000220	0.000001	-0.000079	-0.000450	-0.057879	0.002296	0.005007	0.004837	-0.003409	-0.006650	-0.001823
20	-0.000269	0.000047	0.000002	-0.000031	-0.000157	0.008416	-0.003587	0.001877	-0.000508	-0.000207	0.000010	0.002409
21	0.000027	-0.000135	0.000049	0.000173	-0.000029	0.058379	0.001122	-0.005768	-0.003264	0.003013	0.004950	-0.000272
22	-0.000014	-0.000188	-0.000028	0.000143	0.000033	0.001578	0.000835	-0.000103	0.000051	-0.000063	0.000238	-0.000955
23	-0.000145	0.000018	0.000001	-0.000030	-0.000194	0.004967	0.000042	0.000003	-0.000195	0.000087	-0.000094	0.000156
24	-0.000311	0.000030	0.000001	0.000200	0.000454	0.001466	-0.000222	-0.000019	-0.000084	-0.000073	0.000499	-0.000105
25	-0.002141	-0.000813	-0.003074	-0.001331	0.001672	0.001228	0.000148	0.000468	-0.000151	-0.000046	0.000107	-0.000514
26	-0.000554	0.000219	0.000636	0.001204	0.000577	0.004692	0.000163	-0.000342	-0.000030	-0.000021	0.000166	0.000056
27	0.002304	0.002113	0.003132	0.000592	0.000164	0.001276	-0.000790	0.000256	-0.000125	0.000055	0.000062	0.000542
28	-0.000233	-0.000920	-0.000028	0.000622	-0.000906	-0.058187	0.010479	-0.013736	-0.003809	0.004745	0.008818	-0.006906
29	0.000009	0.000803	0.000272	-0.000539	-0.000334	-0.099866	-0.007011	0.011511	0.005769	-0.004632	-0.014857	0.009579
30	-0.000580	0.000019	-0.000059	0.000097	0.000320	0.013387	-0.000369	0.001458	-0.000533	-0.000553	0.001073	-0.001054
31	0.000235	-0.000137	0.000083	0.000064	-0.000481	0.013498	0.001684	-0.001426	-0.000057	0.000510	-0.000302	-0.000428
32	-0.000250	0.000534	-0.000176	-0.000690	0.000381	0.007378	-0.000939	0.000798	-0.000350	0.000123	-0.000406	0.000784
33	-0.000755	-0.000782	0.000132	0.001176	0.000209	0.007291	0.001009	-0.000823	-0.000040	-0.000085	0.001023	-0.001096
34	0.006547	0.003986	0.006594	0.001454	-0.007700	0.013628	-0.000653	-0.000843	0.000173	0.000315	-0.001026	0.002013
35	-0.005985	-0.001441	-0.006982	-0.004706	0.006840	0.010440	-0.000565	0.000415	-0.000693	-0.000288	0.002295	-0.001170
36	0.002252	-0.000685	0.001189	0.000512	-0.001299	0.000016	0.000248	-0.000037	0.000000	0.000026	0.000046	-0.000281
37	0.000073	-0.000081	-0.000092	-0.000034	0.000014	0.013444	0.000774	0.001714	0.000995	-0.001296	-0.000223	-0.001866
38	0.000071	-0.000057	-0.000022	-0.000039	-0.000107	0.019382	-0.002230	-0.000321	-0.001589	0.001097	0.002167	0.000806
39	0.000026	-0.000023	-0.000010	-0.000018	-0.000042	0.000065	-0.000236	0.000061	0.000038	0.000002	-0.000051	0.000186
40	0.000000	-0.000005	-0.000003	-0.000005	-0.000014	0.000015	-0.000063	-0.000002	-0.000002	-0.000005	0.000007	0.000064
41	-0.000014	0.000012	0.000022	0.000021	-0.000002	0.000054	0.000048	0.000007	-0.000017	0.000004	-0.000002	-0.000040
42	-0.000008	0.000060	0.000091	0.000084	0.000103	0.000050	0.000025	0.000020	-0.000030	0.000007	0.000009	-0.000031
43	-0.001720	-0.000407	-0.001339	0.000602	0.002272	0.000069	0.000019	0.000003	-0.000008	-0.000014	0.000029	-0.000029
44	0.000105	-0.000043	-0.000001	-0.000049	-0.000072	0.041608	-0.001182	-0.000279	0.003244	0.001727	-0.002789	-0.000699

45	-0.000088	-0.000013	0.000003	0.000063	0.000027	0.000750	0.000113	-0.000114	0.000038	0.000019	-0.000018	-0.000040
46	-0.000097	0.000072	0.000007	0.000008	0.000135	0.000084	-0.000009	0.000047	-0.000026	-0.000022	0.000055	-0.000045
47	0.004874	-0.001660	-0.000848	0.000253	0.004281	0.000193	-0.000178	-0.000005	0.000017	0.000030	-0.000051	0.000186
48	0.000149	-0.000062	-0.000005	-0.000059	0.000072	0.000652	0.000264	-0.000222	-0.000139	0.000070	0.000092	-0.000066
49	-0.000088	0.000059	0.000063	0.000139	0.000054	-0.000915	-0.000356	0.000115	0.000170	-0.000030	-0.000099	0.000201
50	-0.000278	0.000082	-0.000006	0.000081	-0.000116	-0.001587	-0.000975	0.000566	0.000327	-0.000134	-0.000181	0.000402
51	-0.000161	-0.000104	-0.000287	-0.000378	-0.000956	0.001516	0.000490	-0.000122	-0.000194	-0.000046	0.000146	-0.000276
52	0.000216	0.000021	0.000133	0.000067	0.000186	-0.002495	-0.000534	0.000299	0.000135	0.000030	-0.000033	0.000111
53	-0.000027	0.000011	0.000017	0.000035	0.000066	-0.000023	-0.000059	0.000006	-0.000001	-0.000006	0.000020	0.000040
54	-0.000012	-0.000002	0.000002	0.000006	-0.000006	0.000049	0.000013	0.000019	-0.000013	-0.000003	0.000005	-0.000021
55	-0.000003	0.000098	0.000101	0.000119	0.000057	-0.000735	-0.000132	-0.000055	0.000145	0.000043	-0.000083	0.000084
56	-0.000087	0.000015	-0.000034	-0.000048	-0.000146	-0.001648	-0.000507	0.000450	0.000142	-0.000105	-0.000048	0.000075
57	-0.000028	-0.000019	-0.000054	-0.000078	-0.000183	-0.000160	-0.000017	0.000019	0.000011	-0.000008	-0.000005	0.000001
58	-0.000038	-0.000031	-0.000065	-0.000082	-0.000172	0.000007	-0.000064	0.000034	-0.000004	-0.000012	0.000014	0.000032
59	0.000030	-0.000017	0.000014	0.000020	0.000076	0.000101	0.000028	0.000006	-0.000027	-0.000004	0.000013	-0.000016
60	0.000103	-0.000064	-0.000014	0.000000	-0.000028	-0.000045	0.000005	0.000046	-0.000012	0.000015	0.000027	-0.000079
61	0.000245	-0.000134	0.000062	0.000738	0.000573	0.007699	0.002783	-0.001750	-0.000569	-0.000020	0.000515	-0.000977
62	-0.000049	-0.000014	-0.000083	-0.000492	-0.000665	-0.008316	-0.002582	0.001370	0.000653	-0.000064	-0.000590	0.001213
63	-0.000449	-0.000083	-0.000293	-0.000212	-0.001464	-0.007222	-0.001995	0.001785	0.000707	-0.000454	-0.000384	0.000369
64	0.000671	-0.000019	0.000234	0.000295	0.001251	0.005406	0.001854	-0.001664	-0.000520	0.000284	0.000129	-0.000122
65	0.000502	-0.000011	0.000170	-0.000196	0.001071	0.010232	0.003177	-0.002408	-0.001222	0.000638	0.000733	-0.000955
66	-0.000163	-0.000035	-0.000013	0.000027	-0.000116	0.002135	-0.000181	0.000687	0.000010	-0.000262	0.000219	-0.000438
67	-0.000267	0.000250	0.000086	-0.000327	-0.000178	-0.009587	-0.003938	0.002323	0.001047	-0.000144	-0.000783	0.001522
68	-0.000466	0.000070	-0.000112	0.000201	-0.000479	0.001830	0.000909	-0.000378	-0.000156	0.000029	0.000244	-0.000646
69	-0.000206	-0.000406	-0.000630	-0.000363	0.000138	-0.028083	0.000047	0.000156	0.000543	-0.000050	-0.001052	0.000358
70	-0.000504	-0.000096	0.000065	0.000221	-0.000170	0.002417	-0.000847	0.001133	0.000329	-0.000407	-0.000801	0.000625
71	0.000258	0.000164	0.000556	0.000486	-0.000194	0.021550	0.000033	-0.000189	-0.000403	0.000052	0.000674	-0.000172
72	0.000416	0.000363	0.000022	-0.000370	0.000254	0.004527	0.000761	-0.001078	-0.000498	0.000429	0.001216	-0.000856
73	-0.002275	0.000687	-0.003323	-0.000431	0.001732	0.029558	-0.001255	0.005079	0.002463	-0.003080	-0.004216	0.001205
74	-0.001015	-0.001143	-0.002941	-0.001229	0.002599	0.001930	0.000423	-0.001284	-0.000509	0.000601	0.001066	-0.000342
75	-0.000857	-0.000056	-0.000630	-0.000342	0.000689	-0.019526	0.001732	-0.003734	-0.001684	0.002233	0.002826	-0.001505
76	0.000657	0.001422	0.004012	0.001745	-0.003122	-0.007552	-0.011162	-0.004902	-0.004013	0.003838	0.004221	0.011654
77	0.000426	-0.000236	-0.000370	-0.000214	0.000673	-0.032614	0.012225	0.004690	0.004336	-0.004271	-0.005715	-0.010889
78	-0.000086	-0.000041	0.000059	0.000069	-0.000168	-0.034567	-0.001768	0.004090	0.002922	-0.002080	-0.004772	0.001768
79	-0.000123	-0.000079	0.000050	0.000126	-0.000146	0.000305	-0.000174	0.000861	0.000508	-0.000437	-0.001252	0.000527
80	0.000172	0.000106	-0.000004	-0.000096	0.000160	0.050482	0.001459	-0.005972	-0.003962	0.003044	0.006467	-0.001276
81	0.000320	0.000002	-0.000053	-0.000164	-0.000032	-0.016575	-0.001276	0.000392	0.000460	-0.000036	-0.000759	0.001222
82	-0.000240	-0.000103	-0.000029	0.000143	0.000011	0.004408	0.000285	-0.000040	-0.000126	-0.000004	0.000216	-0.000333
83	-0.000234	-0.000072	-0.000044	0.000100	0.000033	0.004354	-0.000035	0.000018	-0.000147	-0.000023	0.000286	-0.000101
84	0.000677	0.000274	0.000191	-0.000047	-0.000133	-0.007835	-0.000348	-0.000029	0.000126	0.000035	-0.000217	0.000430
85	-0.003219	-0.001297	-0.003728	-0.001331	0.001710	-0.008038	0.000339	0.000075	0.000209	-0.000062	-0.000349	-0.000207
86	0.000810	0.000156	0.000674	0.000194	-0.000671	0.004136	-0.000033	0.000055	-0.000108	-0.000050	0.000232	-0.000096
87	0.002636	0.000868	0.002681	0.000974	-0.001715	0.004203	-0.000261	0.000004	-0.000099	-0.000011	0.000162	0.000203
88	0.001734	-0.000228	0.003057	-0.000394	-0.002997	-0.015586	0.001026	0.000088	0.000272	0.000034	-0.000280	-0.001126
89	-0.000368	0.000232	0.000047	-0.000044	-0.000321	0.005639	-0.000647	0.001550	-0.000459	-0.000821	0.000914	-0.000477
90	0.000007	0.000022	-0.000010	-0.000068	-0.000067	0.005877	0.001118	-0.000054	-0.000126	-0.000032	-0.000039	-0.000858
91	-0.000160	-0.000119	-0.000009	-0.000086	-0.000172	0.003982	0.000093	-0.000090	-0.000036	0.000048	0.000013	-0.000029
92	-0.000591	-0.000422	0.000008	0.000581	-0.000794	0.004791	-0.000689	-0.000245	-0.000156	0.000040	0.000220	0.000815
93	0.001033	0.000193	0.001114	0.000616	-0.001117	-0.001019	-0.000260	0.000644	0.000239	-0.000313	-0.000501	0.000213
94	-0.000021	0.000950	0.001827	0.000614	-0.001485	-0.000885	-0.000162	0.000638	0.000270	-0.000289	-0.000566	0.000131

95	0.000508	-0.000029	0.000260	0.000124	-0.000373	0.014664	-0.000059	0.002105	0.001208	-0.001321	-0.002227	0.000380
96	0.000317	0.000104	0.000376	0.000202	-0.000337	0.004910	-0.001667	0.001636	0.000474	-0.000924	-0.000604	0.001131
97	0.000090	-0.000004	-0.000043	-0.000052	0.000048	0.008616	0.000477	-0.000598	-0.001063	0.000440	0.001825	-0.001118
98	-0.000004	0.000046	-0.000015	-0.000019	0.000121	0.025909	0.001279	-0.003487	-0.001856	0.001643	0.002945	-0.000647
99	0.000081	0.000031	-0.000027	-0.000069	0.000052	0.000035	0.000051	-0.000457	-0.000229	0.000244	0.000600	-0.000227
100	0.000045	0.000047	-0.000025	-0.000056	0.000092	-0.000131	0.000138	-0.000421	-0.000279	0.000198	0.000639	-0.000291
101	0.000113	0.000053	0.000013	-0.000070	0.000005	-0.002201	-0.000168	0.000021	0.000073	-0.000001	-0.000114	0.000189
102	0.000128	0.000050	0.000013	-0.000076	-0.000020	-0.002198	-0.000117	0.000015	0.000053	0.000006	-0.000105	0.000148
103	0.000149	0.000024	0.000012	-0.000070	-0.000053	-0.002189	0.000092	0.000009	0.000073	0.000012	-0.000161	-0.000023
104	0.000087	0.000048	0.000033	-0.000030	0.000022	-0.002161	-0.000055	-0.000028	0.000073	0.000012	-0.000125	0.000124
105	-0.000394	-0.000122	-0.000379	-0.000142	0.000301	-0.002026	0.000021	-0.000025	0.000052	0.000025	-0.000118	0.000045
106	-0.000413	-0.000038	-0.000291	-0.000047	0.000373	-0.002094	0.000012	-0.000029	0.000057	0.000024	-0.000116	0.000052
107	-0.001550	-0.000346	-0.001591	-0.000786	0.000706	-0.002128	0.000172	0.000011	0.000056	-0.000002	-0.000102	-0.000134
108	-0.001102	-0.000517	-0.001095	-0.000189	0.000985	-0.002092	0.000091	-0.000016	0.000043	0.000011	-0.000058	-0.000070
109	0.000304	-0.000084	-0.000011	-0.000083	0.000019	0.018227	0.020897	-0.016114	-0.004303	0.005359	0.013086	-0.019309
110	0.000047	-0.000141	-0.000039	0.000120	0.000293	-0.023749	-0.020115	0.014607	0.004784	-0.004573	-0.014015	0.019636
111	0.000085	0.000006	0.000016	-0.000065	-0.000148	-0.002154	-0.000290	0.000132	0.000062	-0.000017	-0.000149	0.000263
112	-0.000083	-0.000031	-0.000011	0.000130	0.000209	-0.003560	-0.000831	-0.000088	0.000067	0.000050	0.000171	0.000621
113	0.000032	0.000117	0.000057	0.000047	0.000076	-0.001501	0.000177	0.000149	0.000009	-0.000054	-0.000104	-0.000169
114	0.000127	0.000000	-0.000048	0.000039	0.000098	-0.002465	-0.000272	-0.000052	0.000028	0.000005	0.000091	0.000195
115	0.012775	0.003168	0.007703	0.003357	-0.012316	-0.002094	0.000648	0.000332	0.000037	-0.000067	-0.000238	-0.000696
116	-0.012072	-0.002771	-0.007740	-0.003934	0.013056	-0.002855	0.000018	-0.000082	0.000124	0.000026	0.000021	-0.000106
117	-0.000383	0.000231	0.000097	0.000283	0.000152	-0.002371	-0.001431	0.000549	0.000601	-0.000137	-0.000418	0.000837
118	-0.000201	0.000123	0.000082	0.000177	0.000265	-0.001223	-0.000859	0.000349	0.000305	-0.000082	-0.000178	0.000466
119	-0.000208	0.000104	0.000080	0.000189	0.000211	-0.001085	-0.000664	0.000371	0.000270	-0.000091	-0.000168	0.000285
120	-0.000012	0.000053	0.000062	0.000078	0.000137	-0.000932	-0.000367	0.000146	0.000132	-0.000015	-0.000059	0.000165
121	0.000008	-0.000027	-0.000029	-0.000033	-0.000063	0.000477	0.000184	-0.000081	-0.000067	0.000008	0.000032	-0.000077
122	0.000002	-0.000026	-0.000034	-0.000046	-0.000077	0.000444	0.000180	-0.000063	-0.000065	0.000008	0.000027	-0.000087
123	-0.000021	0.000033	0.000051	0.000045	0.000195	-0.000665	-0.000366	0.000234	0.000088	-0.000026	-0.000051	0.000124
124	-0.000017	0.000015	0.000012	0.000037	-0.000026	-0.000406	-0.000160	0.000032	0.000061	-0.000003	-0.000038	0.000109
125	0.000041	-0.000048	-0.000061	-0.000080	-0.000162	0.001094	0.000531	-0.000270	-0.000150	0.000029	0.000091	-0.000235
126	-0.000285	0.000062	-0.000057	-0.000033	-0.000183	-0.000024	-0.000323	0.000313	0.000149	-0.000120	-0.000080	0.000062
127	-0.000182	0.000063	-0.000021	-0.000004	-0.000139	-0.001816	-0.000967	0.000586	0.000252	-0.000106	-0.000129	0.000370
128	0.000014	0.000009	0.000011	0.000006	-0.000003	-0.000051	0.000067	-0.000070	0.000023	0.000022	-0.000004	-0.000039
129	-0.000049	0.000001	-0.000030	-0.000026	-0.000118	0.000105	-0.000023	-0.000019	-0.000018	-0.000002	0.000011	0.000049
130	0.000026	-0.000023	-0.000024	-0.000037	-0.000054	0.000164	0.000067	-0.000026	-0.000014	-0.000011	0.000004	-0.000019
131	-0.000036	-0.000022	-0.000072	-0.000107	-0.000238	-0.000475	-0.000168	0.000142	0.000047	-0.000006	-0.000033	0.000021
132	0.000016	0.000014	0.000053	0.000077	0.000194	0.000223	0.000031	-0.000023	-0.000028	-0.000009	0.000027	0.000001
133	0.000029	0.000021	0.000062	0.000086	0.000218	0.000023	0.000022	-0.000002	-0.000009	0.000006	-0.000005	-0.000013
134	-0.001362	0.000814	-0.000026	-0.001008	-0.000989	0.014527	0.001597	-0.001581	-0.000417	0.000651	-0.000531	0.000267
135	-0.003567	-0.000063	0.001176	0.000495	-0.002084	0.011581	0.000984	-0.000674	0.000122	0.000029	-0.000565	0.000110
136	-0.001385	0.000173	-0.000062	-0.000064	-0.001046	0.011096	0.000692	-0.000537	0.000132	-0.000093	-0.000826	0.000632
137	-0.001144	0.000650	0.000185	-0.000584	-0.000755	0.001910	0.000209	0.000295	-0.000064	-0.000453	-0.000198	0.000214
138	-0.001176	0.000847	0.000290	-0.000753	-0.000629	0.032316	0.002985	0.001671	0.000204	-0.001685	0.000315	-0.003411
139	-0.000419	0.000108	0.000032	0.000033	0.000003	-0.011090	-0.000107	0.001149	-0.000691	-0.000264	0.001522	-0.001565
140	-0.000583	0.000239	0.000046	-0.000313	-0.000101	-0.038929	0.000517	0.001513	0.002165	-0.000765	-0.002090	-0.001280
141	-0.000108	0.000084	0.000088	-0.000178	0.000140	-0.004817	-0.001389	0.000589	0.000313	0.000284	-0.000225	0.000421
142	-0.000122	0.000107	0.000123	-0.000037	0.000152	-0.010979	-0.000775	0.000923	-0.000028	-0.000261	0.000662	-0.000500
143	-0.000127	0.000071	0.000137	0.000043	0.000162	-0.012174	-0.000232	0.001224	0.000174	-0.000519	0.000662	-0.001258
144	-0.000106	0.000068	0.000301	0.000168	0.000506	-0.003746	-0.000788	0.000616	0.000156	-0.000094	0.000143	-0.000013

145	-0.000096	0.000074	0.000200	0.000138	0.000345	-0.004064	-0.000372	0.000588	0.000010	-0.000159	0.000319	-0.000363
146	-0.000041	0.000001	0.000070	0.000090	0.000125	-0.000171	-0.000016	0.000108	-0.000006	-0.000041	0.000088	-0.000127
147	-0.000238	-0.000006	-0.000078	0.000039	-0.000181	-0.000604	-0.000124	0.000104	0.000080	-0.000067	-0.000062	0.000071
148	-0.000329	-0.000102	0.000062	0.000233	0.000034	-0.000505	-0.000164	0.000338	0.000115	-0.000167	0.000044	-0.000150
149	-0.000427	-0.000623	-0.000308	0.000305	0.000197	0.002083	-0.000125	0.000469	0.000117	-0.000133	-0.000069	-0.000241
150	-0.000325	-0.000433	0.000224	0.000391	0.000373	0.001361	-0.000134	0.000252	0.000129	-0.000107	-0.000113	-0.000018
151	0.000294	-0.000445	0.000408	0.000518	0.000290	0.001562	-0.000046	0.000085	0.000089	-0.000021	-0.000163	0.000060
152	0.000890	-0.000227	0.000334	0.000071	0.001299	0.000961	-0.000092	0.000075	-0.000003	0.000090	-0.000069	0.000002
153	0.001212	0.000219	0.001296	-0.000495	0.002361	0.003603	0.000298	-0.000035	-0.000025	0.000077	-0.000153	-0.000155
154	-0.000867	0.000290	-0.000125	-0.000348	-0.000395	0.005738	0.006733	0.002150	0.001138	-0.001689	-0.000750	-0.007436
155	-0.000250	0.000092	0.000142	0.000076	0.000184	-0.004542	0.000099	0.000269	-0.000067	-0.000008	0.000468	-0.000742
156	-0.000093	-0.000159	-0.000021	0.000071	0.000135	0.000918	-0.000182	0.000394	0.000092	-0.000098	-0.000014	-0.000175
157	-0.003727	0.000841	0.000936	-0.000124	0.001793	0.005327	0.000767	-0.000171	-0.000154	0.000054	-0.000083	-0.000403
158	-0.000003	-0.000015	-0.000045	-0.000075	-0.000165	-0.001081	-0.000347	0.000262	0.000095	-0.000034	-0.000064	0.000092
159	0.000365	0.000022	0.000189	0.000280	0.000851	0.003364	0.000825	-0.000593	-0.000181	-0.000003	0.000159	-0.000212
160	0.000335	0.000032	0.000211	0.000313	0.000983	0.003060	0.000727	-0.000553	-0.000169	-0.000001	0.000151	-0.000158
161	0.000083	0.000006	0.000071	0.000109	0.000284	0.000876	0.000319	-0.000216	-0.000067	0.000024	0.000040	-0.000102
162	-0.000163	0.000080	0.000040	-0.000003	0.000028	-0.000018	0.000016	0.000006	0.000012	-0.000016	-0.000029	0.000010
163	0.000116	0.000097	0.000204	0.000344	0.000815	0.005816	0.002006	-0.001390	-0.000510	0.000180	0.000308	-0.000613
164	0.001223	-0.001733	-0.001508	0.000788	-0.000587	0.003849	0.000472	-0.001060	-0.000419	0.000571	-0.000002	0.000426
165	-0.001533	0.000762	0.000914	-0.000194	-0.000719	-0.011270	-0.000421	-0.000306	-0.000524	0.000548	0.001196	-0.000509
166	-0.000076	-0.000206	0.000741	0.000652	0.000472	0.006624	-0.001219	-0.001056	0.000824	0.000232	-0.002065	0.003238
167	-0.000259	0.000175	0.000150	-0.000292	0.000207	0.015913	0.002370	-0.003269	-0.000995	0.001584	-0.000189	0.000405
168	-0.000100	0.000039	-0.000003	-0.000006	-0.000033	-0.016121	-0.001538	0.001689	0.000767	-0.000614	-0.000322	0.000058
169	0.000148	-0.000145	-0.000207	0.000028	-0.000339	-0.002197	0.000057	0.000394	0.001013	-0.000371	-0.001327	0.000247
170	0.000188	0.000000	-0.000095	-0.000286	0.000048	0.000563	-0.000349	-0.000547	0.000043	0.000307	-0.000401	0.000915
171	-0.000027	0.000026	-0.000101	-0.000104	-0.000143	0.000251	0.000029	-0.000157	0.000001	0.000062	-0.000120	0.000176
172	0.000342	0.000041	0.000022	-0.000163	0.000192	0.000998	0.000113	-0.000358	-0.000128	0.000177	0.000013	0.000168
173	0.000026	-0.000281	-0.000199	0.000026	-0.000749	0.001948	-0.000323	0.000158	0.000141	-0.000033	-0.000205	0.000266
174	-0.000304	0.000267	-0.000732	-0.000739	-0.000913	-0.000597	-0.000031	0.000059	-0.000004	0.000011	0.000016	-0.000051
175	-0.000779	-0.000705	0.000696	0.001945	0.000753	-0.002099	0.000080	-0.000083	-0.000002	-0.000147	0.000155	-0.000007
176	-0.001065	0.000549	0.000532	-0.000824	0.000265	0.013214	-0.006420	0.002613	0.003268	-0.001677	-0.005184	0.007481
177	-0.000600	0.000423	0.000235	-0.000019	-0.000057	0.040122	0.008344	-0.005473	-0.003425	0.002569	0.003133	-0.005301
178	0.000188	-0.000067	-0.000016	0.000306	-0.000185	-0.009974	0.001049	0.001270	0.000235	-0.000836	0.000527	-0.002181
179	-0.000424	-0.000006	-0.000230	-0.000126	-0.000420	-0.007300	-0.001002	0.000652	0.000313	-0.000234	-0.000147	0.000430
180	-0.000264	0.000166	-0.000487	-0.000360	-0.000647	-0.001390	-0.000465	-0.000238	0.000153	0.000027	-0.000288	0.000794
181	0.000697	0.000200	-0.000101	-0.000430	0.000379	0.000018	-0.000313	0.000150	-0.000127	0.000182	0.000221	-0.000107
182	0.000707	0.000660	0.003797	0.003301	0.002365	-0.005843	-0.000424	0.000115	-0.000299	0.000183	0.000632	-0.000213
183	0.001186	-0.002437	-0.004375	-0.001552	-0.000646	-0.010383	-0.000597	0.000368	-0.000144	-0.000142	0.000654	-0.000137
184	0.000455	0.000007	0.000228	0.000329	0.000954	0.002743	0.000606	-0.000414	-0.000106	-0.000030	0.000119	-0.000175
185	0.000394	0.000037	0.000221	0.000346	0.001009	0.004353	0.001076	-0.000746	-0.000253	0.000006	0.000210	-0.000299
186	-0.000143	-0.000010	-0.000103	-0.000141	-0.000375	-0.000821	-0.000275	0.000147	0.000056	0.000002	-0.000048	0.000118
187	-0.000258	-0.000043	-0.000165	-0.000293	-0.000880	-0.004762	-0.001157	0.000902	0.000294	-0.000046	-0.000224	0.000241
188	-0.000460	0.000010	-0.000186	-0.000248	-0.000737	-0.001718	-0.000317	0.000156	0.000029	0.000064	-0.000071	0.000135
189	-0.000018	0.000008	0.000002	0.000013	-0.000029	0.000439	0.000182	-0.000112	-0.000050	0.000006	0.000031	-0.000058
190	0.000017	-0.000060	-0.000010	-0.000011	0.000026	-0.044569	-0.000431	0.000979	0.000655	-0.000082	-0.000273	-0.001706
191	-0.000105	-0.000052	-0.000057	0.000029	-0.000077	0.016392	0.006923	-0.002862	0.001688	-0.001230	-0.001905	-0.003290
192	0.000021	-0.000016	-0.000026	-0.000017	-0.000049	-0.002049	-0.003509	0.002704	-0.002298	0.000011	-0.000209	0.004343
193	0.000057	-0.000054	-0.000016	-0.000026	-0.000027	-0.002347	0.000195	-0.002845	0.000871	-0.001639	0.004578	-0.000270
194	0.000114	-0.000094	-0.000046	-0.000052	-0.000006	0.008989	-0.000813	-0.000506	-0.001019	0.002045	-0.003516	0.001459

195	0.000181	-0.000106	-0.000079	-0.000056	-0.000164	-0.045955	-0.002248	-0.000250	0.001222	0.001580	-0.000964	0.002410
196	-0.000005	0.000008	-0.000004	-0.000019	-0.000027	0.007936	-0.001082	0.000644	-0.000337	0.000569	-0.000176	0.000361
197	0.000002	-0.000024	-0.000015	-0.000017	-0.000042	0.001130	0.000356	-0.000292	-0.000284	0.000245	0.000003	-0.000016
198	-0.000027	-0.000007	-0.000006	0.000002	-0.000024	-0.000031	0.000098	-0.000001	-0.000185	-0.000017	0.000019	0.000055
199	0.000030	-0.000038	-0.000025	-0.000014	-0.000024	-0.000024	-0.000132	-0.000221	0.000341	0.000028	-0.0000781	0.000773
200	0.000050	-0.000029	-0.000015	-0.000007	-0.000009	0.003338	0.000585	-0.000351	0.000184	0.000185	0.001050	-0.001625
201	-0.000111	0.000007	0.000001	0.000038	0.000027	-0.000003	-0.000118	0.000060	0.000011	0.000010	0.000030	0.000008
202	0.000030	-0.000032	0.000000	0.000025	-0.000059	0.000488	0.000064	-0.000010	0.000025	-0.000019	-0.000014	-0.000044
203	0.000060	-0.000020	-0.000010	-0.000011	-0.000034	0.000081	0.000082	0.000036	-0.000005	-0.000006	0.000005	-0.000110
204	0.000014	-0.000009	-0.000005	-0.000025	-0.000040	-0.000263	-0.000007	0.000008	0.000015	0.000031	-0.000029	-0.000018
205	-0.000068	-0.000021	-0.000001	0.000000	-0.000030	-0.000463	-0.000237	-0.000050	0.000008	0.000018	0.000059	0.000197
206	0.000014	-0.000021	-0.000005	0.000034	-0.000011	0.000217	-0.000165	-0.000042	0.000037	-0.000019	0.000036	0.000150
207	-0.000002	-0.000002	-0.000008	0.000001	-0.000004	-0.000051	-0.000057	0.000003	0.000010	-0.000002	0.000002	0.000044
208	-0.000001	-0.000013	-0.000002	-0.000001	-0.000020	0.000027	0.000027	-0.000002	-0.000002	0.000000	-0.000002	-0.000020
209	-0.000008	0.000000	0.000001	0.000004	-0.000006	0.000008	0.000012	-0.000005	-0.000017	0.000013	0.000009	-0.000011
210	0.000010	-0.000019	-0.000009	-0.000004	-0.000033	0.000043	0.000018	-0.000003	-0.000009	0.000003	0.000010	-0.000018
211	0.000007	-0.000002	-0.000003	0.000003	-0.000005	-0.000065	-0.000068	-0.000022	0.000009	0.000010	0.000002	0.000068
212	-0.000094	0.000034	0.000062	0.000125	0.000175	0.000073	-0.000053	0.000065	-0.000012	-0.000020	0.000059	-0.000037
213	-0.000167	0.000074	0.000049	0.000099	0.000055	-0.000119	0.000039	-0.000005	-0.000028	-0.000002	0.000002	-0.000009
214	0.000002	-0.000012	0.000010	0.000042	-0.000053	-0.000124	0.000107	-0.000030	-0.000008	0.000009	-0.000016	-0.000063
215	0.000048	0.000018	0.000039	0.000017	0.000097	0.000091	0.000006	0.000071	-0.000022	0.000005	-0.000002	-0.000055
216	-0.000056	0.000026	0.000082	0.000092	0.000116	0.000186	0.000047	0.000073	-0.000031	-0.000016	0.000052	-0.000123
217	-0.000059	0.000028	0.000020	0.000068	0.000071	-0.000031	0.000007	0.000016	-0.000012	-0.000027	0.000006	0.000008
218	-0.000031	0.000024	0.000020	0.000025	0.000042	-0.000010	-0.000010	0.000004	0.000000	-0.000004	0.000005	0.000004
219	-0.000058	0.000030	0.000033	0.000035	0.000011	-0.000029	0.000046	0.000023	-0.000023	0.000006	0.000012	-0.000062
220	-0.000023	0.000012	0.000016	0.000023	0.000004	-0.000018	0.000015	0.000008	-0.000010	0.000000	0.000006	-0.000020
221	-0.000003	0.000004	0.000011	0.000021	0.000016	0.000006	0.000018	0.000013	-0.000017	0.000002	0.000004	-0.000020
222	0.000012	0.000006	0.000001	0.000015	0.000053	0.000008	-0.000038	0.000014	-0.000010	-0.000003	0.000011	0.000027
223	-0.000309	0.005637	0.002094	0.000299	0.005848	0.000010	0.000163	0.000063	0.000007	-0.000011	-0.000030	-0.000190
224	-0.006232	0.003717	0.000440	-0.000042	0.002616	0.000240	-0.000011	0.000027	-0.000034	-0.000004	0.000010	0.000013
225	-0.005605	-0.001231	0.000500	0.001383	-0.002682	0.000300	0.000071	0.000016	-0.000005	-0.000018	-0.000005	-0.000057
226	-0.000387	-0.001110	0.000774	0.001032	-0.001494	-0.000142	-0.000076	0.000011	-0.000013	-0.000002	0.000011	0.000068
227	0.006586	-0.001073	-0.001200	-0.002124	-0.001431	-0.000233	-0.000092	-0.000008	-0.000002	0.000025	0.000019	0.000055
228	0.006794	-0.001464	-0.001173	-0.004125	-0.001416	0.000360	0.000102	0.000064	-0.000013	-0.000029	0.000032	-0.000155
229	0.000609	0.000055	-0.000249	-0.000076	0.002005	0.000108	0.000035	0.000007	-0.000008	-0.000011	-0.000007	-0.000014
230	-0.000094	0.000231	0.000506	0.000236	0.000364	0.000083	0.000031	0.000014	-0.000019	0.000000	-0.000009	-0.000017
231	0.000218	0.000231	-0.000270	-0.000275	-0.000137	0.000045	-0.000015	0.000016	-0.000011	-0.000003	0.000000	0.000013
232	-0.000110	0.000047	-0.000220	-0.000300	-0.000055	0.000010	-0.000009	0.000015	-0.000007	0.000004	0.000007	-0.000009
233	0.000612	0.000662	0.000611	-0.000021	0.000267	-0.000041	-0.000002	0.000005	0.000020	-0.000015	0.000020	-0.000028
234	0.000400	-0.000149	-0.000025	-0.000141	-0.000083	-0.030234	-0.002193	-0.004014	-0.000988	0.001558	-0.000956	0.004922
235	-0.000261	-0.000064	-0.000088	0.000089	-0.000156	-0.028390	0.005062	0.004797	0.002242	-0.002879	-0.005068	-0.003711
236	-0.000136	0.000112	0.000036	0.000062	0.000122	0.006091	-0.001048	0.001909	0.000106	-0.000677	0.000180	-0.000517
237	-0.000083	0.000046	0.000006	0.000036	0.000023	0.015144	0.000591	0.001539	-0.000177	-0.000735	0.000968	-0.001119
238	0.000014	-0.000005	0.000012	-0.000017	-0.000012	0.006928	0.001340	-0.002752	0.000220	0.000833	0.000707	-0.000927
239	0.000014	0.000010	0.000025	-0.000008	0.000017	0.006349	0.000629	-0.001634	0.000075	0.000851	0.001228	-0.000414
240	-0.000014	-0.000018	-0.000009	0.000002	-0.000023	-0.002052	-0.000038	0.001034	-0.000672	-0.001290	-0.000296	0.000955
241	-0.000008	-0.000024	-0.000019	-0.000004	-0.000024	-0.001347	0.000030	0.000654	-0.000844	-0.001090	0.000018	0.000735
242	-0.000016	0.000018	-0.000005	0.000012	0.000000	0.006817	-0.000060	0.000908	0.000219	-0.000231	-0.000214	0.000714
243	0.000019	-0.000010	-0.000018	0.000005	-0.000017	0.007763	-0.000486	0.000768	0.000191	-0.000651	-0.001264	0.001168
244	0.000038	0.000028	0.000033	-0.000022	0.000072	0.008174	-0.001735	-0.001425	-0.000642	0.002019	0.002762	-0.000099

245	0.000032	0.000057	0.000054	-0.000013	0.000082	0.004969	-0.001560	-0.002035	-0.000491	0.001873	0.002046	-0.000946
246	-0.000200	-0.000025	0.000002	0.000003	-0.000043	-0.001335	-0.000353	-0.000095	0.000028	0.000029	0.000082	0.000303
247	0.000072	-0.000064	0.000002	0.000095	-0.000072	0.001975	0.000282	0.000044	-0.000014	-0.000107	0.000011	-0.000212
248	0.000048	0.000042	0.000002	-0.000001	0.000068	0.000171	0.000066	0.000029	-0.000005	0.000012	-0.000021	-0.000079
249	0.000059	0.000016	-0.000003	-0.000009	0.000023	0.000249	0.000144	0.000040	-0.000009	-0.000004	-0.000028	-0.000142
250	-0.000021	-0.000003	0.000002	-0.000006	-0.000002	-0.000089	-0.000013	0.000009	0.000000	-0.000001	-0.000010	0.000013
251	0.000001	0.000002	-0.000003	-0.000020	-0.000003	-0.000260	-0.000023	-0.000002	0.000009	0.000022	-0.000022	0.000016
252	0.000004	-0.000015	0.000002	0.000002	-0.000032	0.000031	0.000009	-0.000008	-0.000002	-0.000008	0.000009	0.000001
253	-0.000003	-0.000013	0.000002	0.000004	-0.000028	0.000027	0.000016	-0.000007	-0.000008	-0.000006	0.000011	-0.000006
254	0.000034	-0.000001	-0.000004	-0.000001	-0.000003	0.000190	0.000084	0.000003	-0.000001	-0.000011	-0.000008	-0.000067
255	0.000024	-0.000012	-0.000006	0.000002	-0.000017	0.000157	0.000098	0.000003	-0.000009	-0.000007	0.000002	-0.000086
256	-0.000002	0.000020	-0.000002	-0.000040	0.000026	-0.000551	-0.000139	0.000000	0.000001	0.000040	-0.000011	0.000108
257	-0.000016	0.000052	0.000007	-0.000027	0.000084	-0.000563	-0.000173	-0.000017	0.000010	0.000042	-0.000015	0.000152
258	-0.000062	0.000066	0.000153	0.000064	0.000282	0.000646	0.000078	0.000262	-0.000065	-0.000044	0.000109	-0.000330
259	-0.000307	0.000031	-0.000028	0.000140	-0.000178	-0.000562	0.000033	-0.000119	-0.000001	-0.000028	-0.000004	0.000108
260	0.000090	-0.000043	-0.000081	-0.000058	-0.000064	-0.000194	-0.000066	-0.000114	0.000046	0.000019	-0.000046	0.000156
261	0.000063	-0.000020	-0.000044	-0.000037	-0.000083	-0.000139	0.000012	-0.000077	0.000017	0.000020	-0.000049	0.000075
262	-0.000027	0.000025	0.000026	0.000006	0.000042	0.000081	-0.000029	0.000032	-0.000013	0.000002	0.000019	-0.000010
263	0.000038	-0.000004	0.000005	-0.000018	0.000038	0.000050	-0.000022	0.000024	-0.000004	0.000008	0.000007	-0.000011
264	-0.000043	0.000011	0.000024	0.000027	-0.000022	0.000004	0.000051	0.000017	-0.000009	-0.000006	0.000005	-0.000058
265	-0.000040	0.000007	0.000019	0.000021	-0.000016	0.000018	0.000060	0.000022	-0.000010	-0.000005	0.000003	-0.000070
266	0.000040	-0.000020	-0.000031	-0.000027	-0.000053	-0.000109	0.000027	-0.000037	0.000006	0.000010	-0.000029	0.000021
267	0.000011	-0.000012	-0.000020	-0.000011	-0.000039	-0.000059	0.000013	-0.000029	0.000002	-0.000002	-0.000008	0.000023
268	0.000103	-0.000016	0.000002	-0.000039	0.000049	0.000115	-0.000097	0.000003	0.000008	0.000015	0.000008	0.000066
269	0.000135	-0.000024	-0.000023	-0.000069	0.000046	0.000148	-0.000060	0.000015	0.000021	0.000012	-0.000016	0.000029
270	0.002865	-0.000854	-0.004113	-0.001406	0.000429	-0.001286	-0.000349	0.000005	-0.000056	0.000104	0.000073	0.000216
271	-0.004745	0.001664	0.001600	-0.001116	0.002905	0.001213	0.000337	0.000094	-0.000015	-0.000044	-0.000048	-0.000317
272	-0.002407	0.000702	0.001178	-0.000266	0.000947	0.000275	0.000225	0.000011	0.000028	-0.000029	-0.000047	-0.000185
273	-0.003416	-0.000423	0.001250	0.000132	0.001326	0.000279	0.000165	0.000020	0.000006	-0.000030	-0.000005	-0.000151
274	-0.000296	0.000923	0.000343	0.001758	-0.000101	-0.000070	-0.000086	-0.000018	-0.000002	0.000002	0.000001	0.000101
275	-0.000001	0.000378	0.001196	0.001058	-0.000888	-0.000141	-0.000134	-0.000037	0.000006	0.000002	0.000011	0.000150
276	-0.001105	0.001595	-0.001648	-0.000071	-0.000510	-0.000110	-0.000100	-0.000014	-0.000009	0.000014	0.000012	0.000096
277	-0.000495	0.001362	-0.000604	-0.000187	-0.000404	-0.000079	-0.000072	-0.000007	-0.000010	0.000013	0.000003	0.000072
278	-0.003443	-0.003314	0.000327	-0.000071	-0.000523	0.000208	0.000152	0.000035	-0.000006	-0.000009	-0.000016	-0.000153
279	-0.002459	-0.004230	0.001110	-0.000276	-0.000469	0.000119	0.000153	0.000042	-0.000013	0.000007	-0.000004	-0.000183
280	0.006103	0.001890	-0.000236	0.000619	-0.001871	-0.000193	-0.000148	-0.000067	0.000035	-0.000011	0.000004	0.000184
281	0.006765	0.002080	0.000204	-0.000369	-0.001016	-0.000214	-0.000144	-0.000063	0.000037	-0.000020	0.000016	0.000171
282	-0.000082	0.000005	0.000046	0.000053	0.000226	-0.010137	0.003776	0.069986	0.035097	-0.034969	-0.067664	-0.003795
283	-0.000096	0.000060	0.000041	0.000009	0.000041	0.013014	0.047766	0.024530	-0.024876	-0.053218	0.005528	-0.000199
284	0.000063	-0.000053	-0.000038	-0.000016	-0.000043	-0.002820	-0.024155	0.024391	0.053516	-0.006120	0.006736	-0.052974
285	0.000027	-0.000032	-0.000030	-0.000012	-0.000011	0.001634	0.025333	0.050597	-0.009291	0.009718	-0.051302	-0.025263
286	0.000007	-0.000014	-0.000024	-0.000015	-0.000019	0.003630	0.053400	-0.008738	0.007207	-0.053167	-0.024206	0.024045
287	0.000013	-0.000029	-0.000034	-0.000027	-0.000121	0.014969	0.000148	0.005064	-0.053248	-0.024294	0.025176	0.047125
288	0.000021	0.000012	0.000003	-0.000099	-0.000139	-0.000024	0.000163	0.000071	0.000024	-0.000017	-0.000084	-0.000152
289	0.000028	-0.000012	-0.000008	-0.000034	-0.000053	-0.000122	0.000042	0.000048	0.000018	-0.000010	-0.000018	-0.000077
290	-0.000017	0.000001	0.000004	0.000023	0.000025	0.000092	-0.000005	-0.000021	-0.000014	0.000003	0.000019	0.000017
291	0.000001	0.000000	0.000003	0.000002	-0.000005	0.000053	0.000057	0.000001	-0.000016	0.000008	-0.000006	-0.000044
292	0.000002	0.000003	0.000002	0.000006	0.000007	-0.000019	0.000056	-0.000010	-0.000009	0.000007	-0.000012	-0.000033
293	-0.000027	0.000005	0.000000	0.000035	0.000050	0.000097	-0.000011	-0.000068	-0.000001	0.000017	0.000019	0.000042
294	-0.000002	0.000037	-0.000018	-0.000017	-0.000156	0.000161	0.000195	0.000022	-0.000001	-0.000018	-0.000110	-0.000087

295	0.000009	0.000005	-0.000026	-0.000054	-0.000092	0.000060	0.000067	0.000008	-0.000004	0.000006	-0.000041	-0.000036
296	0.000013	0.000001	0.000018	0.000024	0.000023	0.000003	0.000012	-0.000003	0.000003	0.000000	0.000004	-0.000016
297	-0.000024	0.000018	0.000029	0.000032	0.000031	0.000034	0.000029	0.000010	-0.000007	-0.000001	0.000005	-0.000034
298	-0.000056	0.000024	0.000032	0.000048	0.000050	-0.000030	-0.000041	0.000001	-0.000004	-0.000003	0.000028	0.000019
299	-0.000080	0.000024	0.000035	0.000051	0.000069	0.000009	-0.000069	-0.000027	0.000000	0.000005	0.000044	0.000047
300	-0.010166	-0.007101	-0.038776	-0.007366	0.010738	0.000126	-0.000234	-0.000133	0.000004	0.000021	0.000111	0.000226
301	0.253552	0.000698	-0.005497	-0.025610	-0.005260	-0.000242	0.000026	-0.000028	-0.000004	0.000032	0.000052	-0.000079
302	0.000698	0.247345	0.000850	0.007938	0.024910	0.000057	-0.000014	-0.000006	0.000004	-0.000012	-0.000019	0.000047
303	-0.005497	0.000850	0.246925	0.000566	0.005774	0.000029	0.000002	0.000000	0.000005	-0.000005	-0.000012	0.000010
304	-0.025610	0.007938	0.000566	0.247334	-0.000629	-0.000010	-0.000009	0.000014	0.000006	0.000000	-0.000017	0.000007
305	-0.005260	0.024910	0.005774	-0.000629	0.251405	-0.000097	0.000089	0.000013	0.000017	0.000021	-0.000057	-0.000081
306	-0.000242	0.000057	0.000029	-0.000010	-0.000097	0.113693	0.010930	-0.006918	-0.005366	-0.001948	0.001735	0.001393
307	0.000026	-0.000014	0.000002	-0.000009	0.000089	0.010930	0.187213	-0.103714	0.002460	0.013588	-0.002207	-0.098435
308	-0.000028	-0.000006	0.000000	0.000014	0.000013	-0.006918	-0.103714	0.197762	-0.103258	0.000420	0.012302	-0.001703
309	-0.000004	0.000004	0.000005	0.000006	0.000017	-0.005366	0.002460	-0.103258	0.192578	-0.105681	0.000233	0.013678
310	0.000032	-0.000012	-0.000005	0.000000	0.000021	-0.001948	0.013588	0.000420	-0.105681	0.192796	-0.103481	0.002018
311	0.000052	-0.000019	-0.000012	-0.000017	-0.000057	0.001735	-0.002207	0.012302	0.000233	-0.103481	0.196504	-0.102510
312	-0.000079	0.000047	0.000010	0.000007	-0.000081	0.001393	-0.098435	-0.001703	0.013678	0.002018	-0.102510	0.185790
313	0.000092	-0.000011	-0.000011	-0.000024	0.000011	-0.000406	-0.000201	0.000058	0.000003	0.000018	0.000012	0.000114
314	0.000008	0.000008	0.000008	-0.000053	-0.000077	-0.000103	0.000224	0.000065	-0.000010	-0.000002	-0.000051	-0.000222
315	0.000002	-0.000005	-0.000003	-0.000002	-0.000013	0.000049	-0.000050	-0.000015	0.000018	-0.000001	-0.000002	0.000050
316	0.000004	0.000001	0.000000	-0.000002	0.000006	0.000006	-0.000008	0.000011	-0.000010	-0.000006	0.000006	0.000008
317	-0.000001	0.000005	0.000005	-0.000004	-0.000007	0.000016	0.000021	0.000011	-0.000008	0.000003	-0.000008	-0.000019
318	-0.000018	-0.000004	0.000000	0.000022	0.000027	-0.000015	-0.000030	-0.000025	0.000006	0.000002	0.000024	0.000023
319	0.000006	-0.000005	-0.000009	0.000038	0.000064	0.000056	-0.000156	-0.000047	0.000005	0.000005	0.000031	0.000160
320	-0.000161	0.000084	0.000015	-0.000017	0.000017	0.000418	-0.000025	-0.000048	-0.000037	0.000015	0.000053	0.000043
321	-0.000069	0.000060	0.000026	0.000024	-0.000005	0.000146	0.000144	0.000047	-0.000023	-0.000003	-0.000055	-0.000108
322	0.000040	-0.000015	-0.000010	-0.000020	-0.000068	0.000004	0.000043	-0.000010	0.000004	0.000003	-0.000020	-0.000019
323	0.000021	-0.000011	-0.000011	-0.000003	0.000004	-0.000024	-0.000039	-0.000003	0.000011	-0.000008	0.000005	0.000034
324	-0.000014	0.000009	0.000010	0.000016	0.000031	0.000003	0.000024	0.000012	-0.000008	0.000000	0.000001	-0.000028
325	0.000027	-0.000012	-0.000003	-0.000016	-0.000007	0.000019	0.000021	0.000002	-0.000002	0.000008	-0.000008	-0.000020
326	-0.000005	-0.000032	-0.000014	0.000000	0.000044	-0.000150	-0.000193	-0.000048	0.000019	0.000001	0.000077	0.000142
327	0.015802	-0.005393	-0.000104	0.002831	0.014537	-0.000695	0.000306	0.000011	0.000038	0.000106	-0.000126	-0.000335
328	0.046044	-0.023312	0.024924	0.053001	0.000628	0.000065	-0.000046	-0.000007	-0.000004	-0.000009	0.000035	0.000030
329	0.024925	0.024223	0.051505	-0.007882	0.005985	-0.000033	-0.000013	-0.000055	0.000005	0.000021	0.000010	0.000032
330	-0.024482	0.053040	-0.009883	0.007058	-0.053754	0.000021	-0.000077	0.000003	-0.000002	-0.000011	0.000015	0.000071
331	-0.053411	-0.006153	0.009429	-0.053623	-0.024236	0.000139	0.000032	0.000021	-0.000005	-0.000019	-0.000005	-0.000024
332	0.004164	0.007611	-0.050437	-0.024315	0.024185	-0.000054	0.000033	0.000003	0.000000	0.000003	-0.000028	-0.000010
333	0.002544	-0.053946	-0.025308	0.024386	0.046790	-0.000134	0.000073	0.000035	0.000006	0.000015	-0.000027	-0.000100

	313	314	315	316	317	318	319	320	321	322	323	324
1	-0.000027	-0.000383	0.000067	0.000115	0.000069	0.000039	0.000099	0.000514	0.000101	-0.000233	-0.000131	-0.000032
2	0.002631	0.001224	-0.000646	-0.000449	-0.000005	0.000239	-0.000376	-0.004110	-0.001948	0.001351	0.000661	0.000046
3	-0.013884	-0.001125	0.000358	0.000264	-0.000071	-0.000561	0.001133	0.012800	0.001242	0.000295	-0.000130	-0.000053
4	-0.016755	0.006148	0.004528	0.003533	-0.003404	-0.005317	-0.005343	0.013771	-0.001305	0.000465	0.000167	-0.000247
5	0.003657	-0.005943	-0.004782	-0.003562	0.003432	0.005225	0.005463	0.015636	0.005306	0.004999	0.003156	-0.003469
6	-0.012860	0.001182	-0.000254	0.000060	0.000033	-0.000238	-0.000782	-0.004562	-0.005464	-0.004884	-0.003145	0.003435
7	0.001057	0.000107	0.000183	0.000012	-0.000099	-0.000245	0.000041	0.000004	0.000323	-0.000046	-0.000073	0.000090
8	-0.001758	0.000963	-0.000449	0.000105	0.000081	-0.000198	-0.000505	0.001410	0.001787	-0.000650	0.000131	0.000122

9	-0.001030	-0.001959	0.000954	-0.000130	-0.000170	0.000195	0.001113	0.000913	-0.000796	0.000368	-0.000028	-0.000068
10	0.007630	0.001959	-0.002652	-0.001057	0.001082	0.001350	-0.000732	0.001431	0.000262	0.000173	-0.000092	-0.000115
11	-0.035658	0.004535	0.010555	0.006735	-0.006467	-0.010821	-0.004274	0.001498	-0.000853	-0.000179	0.000208	0.000172
12	-0.002141	-0.005484	-0.008770	-0.006146	0.005976	0.010442	0.003720	-0.008334	0.000767	-0.001271	-0.001078	0.001018
13	0.002102	-0.000903	0.001013	0.000911	-0.000804	-0.002121	0.001928	0.033892	0.004506	0.010177	0.005968	-0.006395
14	-0.000913	0.001237	0.000034	-0.000123	-0.000215	0.000724	-0.001652	0.005270	-0.003058	-0.010210	-0.005740	0.006045
15	-0.001112	-0.000567	0.000108	0.000037	0.000052	-0.000382	0.000750	-0.003353	-0.001936	0.001952	0.000863	-0.000843
16	0.001132	-0.000307	-0.000014	-0.000029	-0.000096	0.000435	0.000007	-0.001053	-0.000482	-0.000027	-0.000050	0.000119
17	0.004231	0.000063	0.000009	-0.000130	0.000063	-0.000110	0.000105	-0.003829	-0.000059	-0.000122	0.000091	-0.000047
18	0.001186	0.000569	-0.000163	0.000072	-0.000076	0.000284	-0.000679	-0.000715	0.000302	-0.000061	0.000019	0.000113
19	0.050062	0.001403	-0.005393	-0.002781	0.002795	0.004424	-0.000552	-0.000958	-0.000066	-0.000505	0.000096	0.000033
20	0.005532	-0.003709	0.001693	-0.000377	-0.000185	-0.000115	0.002687	-0.003969	-0.000160	0.000133	-0.000053	0.000107
21	-0.046082	0.002890	0.003705	0.003983	-0.002992	-0.005946	-0.001537	-0.001120	0.000736	-0.000287	0.000047	-0.000046
22	-0.032456	-0.001690	-0.004548	-0.002727	0.003661	0.002934	0.002257	-0.048180	0.000553	-0.004139	-0.002634	0.002559
23	0.005101	0.003026	-0.000464	-0.000315	-0.000220	0.002193	-0.004214	-0.006505	-0.002745	0.000201	0.000188	0.000374
24	0.034868	-0.001041	0.003342	0.002378	-0.002222	-0.003671	0.001291	0.043319	0.001771	0.005443	0.002643	-0.003652
25	0.001273	-0.000717	0.000329	-0.000133	0.000050	-0.000014	0.000483	0.034444	-0.002309	-0.002844	-0.003612	0.002612
26	0.003972	-0.000056	-0.000209	0.000015	-0.000071	0.000177	0.000142	-0.004839	0.004229	-0.002134	0.000298	0.000301
27	0.000814	-0.000066	0.000394	-0.000106	-0.000027	0.000066	-0.000254	-0.037643	-0.001219	0.003690	0.002248	-0.002340
28	0.012466	0.001529	-0.001397	0.000019	0.000438	-0.000238	-0.000360	-0.006084	0.000764	-0.000890	0.000210	-0.000100
29	0.010684	-0.000106	0.000964	-0.000457	-0.000385	0.000889	-0.000898	-0.005550	-0.000649	0.000385	-0.000159	0.000294
30	-0.083185	-0.007236	0.009947	0.004766	-0.003857	-0.013838	0.010355	-0.011566	0.000633	0.000287	-0.000454	-0.000090
31	-0.054805	0.009847	-0.012031	-0.003525	0.004199	0.008820	-0.007532	-0.010804	0.000617	-0.000944	0.000296	0.000542
32	0.008850	-0.000628	0.000919	-0.000557	-0.000377	0.001882	-0.001234	0.081681	-0.010344	0.013126	0.003589	-0.004383
33	0.011568	-0.000994	-0.000505	0.000274	0.000218	-0.000958	0.001954	0.059633	0.007673	-0.008476	-0.004039	0.003245
34	0.006405	0.000522	-0.000578	0.000091	-0.000229	0.000944	-0.000756	-0.009049	0.001157	-0.001800	0.000464	0.000551
35	0.006000	-0.000670	0.000691	-0.000260	0.000157	-0.000505	0.000589	-0.011407	-0.001537	0.000987	-0.000132	-0.000373
36	-0.000016	-0.000140	-0.000034	0.000012	-0.000014	0.000032	0.000145	0.000075	-0.000060	-0.000038	-0.000004	0.000016
37	0.000094	0.000038	0.000019	0.000010	-0.000019	-0.000009	-0.000039	-0.000002	0.000013	-0.000001	0.000002	0.000007
38	0.000116	-0.000342	0.000036	0.000060	-0.000021	-0.000029	0.000297	0.000019	-0.000160	-0.000035	0.000018	-0.000014
39	0.017581	-0.001405	-0.000753	-0.001460	0.001153	0.002014	0.000411	-0.000010	-0.000019	0.000000	0.000016	-0.000014
40	0.011451	0.000738	0.001543	0.000968	-0.001172	0.000101	-0.002117	-0.000069	-0.000130	0.000053	0.000013	-0.000046
41	0.000147	0.000177	-0.000037	-0.000034	0.000037	0.000059	-0.000202	-0.017683	-0.000354	-0.001995	-0.001108	0.001455
42	0.000043	0.000028	0.000025	-0.000042	0.000011	0.000030	-0.000050	-0.012749	0.002217	-0.000177	0.001166	-0.000958
43	-0.000023	-0.000017	0.000001	-0.000003	-0.000004	0.000004	0.000019	-0.000112	0.000233	-0.000053	-0.000031	0.000021
44	0.000452	0.000145	-0.000117	0.000052	0.000013	-0.000024	-0.000071	-0.000152	0.000050	-0.000048	0.000024	0.000042
45	0.040146	-0.001467	-0.000162	0.002896	0.001479	-0.002714	-0.000036	-0.000719	0.000061	-0.000033	-0.000005	0.000008
46	0.000420	0.000050	0.000054	-0.000010	0.000023	-0.000098	-0.000020	-0.038048	-0.000198	0.002508	-0.001575	-0.003042
47	-0.000045	-0.000130	0.000058	-0.000006	-0.000034	0.000032	0.000083	-0.000392	0.000041	0.000155	-0.000044	-0.000035
48	-0.000293	-0.000118	-0.000052	0.000013	0.000018	-0.000112	0.000254	-0.000980	0.000141	0.000010	-0.000103	0.000053
49	0.001481	-0.000070	0.000137	0.000003	-0.000153	-0.000245	0.000319	-0.000416	0.000074	-0.000024	0.000006	0.000092
50	0.001933	-0.000020	0.000143	0.000002	-0.000256	-0.000277	0.000402	0.000118	0.000031	0.000026	0.000070	0.000028
51	0.000428	-0.000048	0.000035	-0.000010	-0.000082	-0.000069	0.000173	-0.000454	0.000068	-0.000062	-0.000012	0.000039
52	-0.000262	-0.000216	-0.000083	0.000069	0.000053	-0.000131	0.000311	0.000036	-0.000047	0.000063	-0.000087	-0.000081
53	0.000202	0.000057	0.000037	-0.000030	-0.000009	-0.000022	-0.000032	-0.001774	0.000169	-0.000035	-0.000059	0.000125
54	0.000131	-0.000020	0.000019	-0.000001	-0.000027	-0.000010	0.000039	-0.000116	0.000014	-0.000006	-0.000010	0.000019
55	0.000169	-0.000027	-0.000001	0.000023	-0.000008	-0.000085	0.000095	0.000045	-0.000005	0.000003	-0.000020	0.000004
56	0.000262	0.000038	0.000036	0.000001	-0.000040	-0.000032	-0.000003	-0.000052	0.000005	-0.000024	0.000010	0.000009
57	0.000052	-0.000015	-0.000003	0.000008	-0.000011	-0.000002	0.000023	0.000046	-0.000004	0.000004	-0.000003	-0.000007
58	-0.000019	0.000023	0.000011	-0.000003	-0.000006	0.000020	-0.000045	-0.000015	0.000006	0.000006	0.000001	-0.000001

59	0.000168	-0.000071	0.000011	0.000006	-0.000040	-0.000006	0.000101	-0.000008	-0.000040	-0.000005	0.000003	0.000002
60	-0.000138	0.000015	0.000016	0.000003	-0.000001	0.000038	-0.000068	-0.001047	-0.000041	0.000042	-0.000014	-0.000058
61	0.005077	0.000075	-0.000256	0.000131	-0.000236	-0.001038	0.001330	-0.008674	-0.000532	0.000192	-0.000149	0.000580
62	-0.004475	0.000220	0.000149	-0.000205	0.000380	0.000819	-0.001349	0.005453	0.000212	-0.000061	0.000265	-0.000406
63	-0.004723	0.000499	-0.000583	0.000038	0.000650	0.000487	-0.001082	0.005134	0.001252	-0.000731	-0.000495	-0.000030
64	0.003921	-0.000013	0.000325	-0.000063	-0.000383	-0.000740	0.000880	-0.008024	-0.000733	0.000355	0.000413	0.000121
65	0.002211	-0.000667	0.000254	-0.000003	-0.000369	-0.000317	0.001118	-0.007204	-0.000351	0.000250	0.000099	0.000291
66	-0.003891	0.000236	-0.000403	0.000086	0.000329	0.000839	-0.001111	0.007517	0.000364	-0.000109	-0.000195	-0.000370
67	-0.001636	0.000114	0.000559	-0.000190	-0.000033	0.000945	-0.001428	0.011687	-0.000336	0.000276	0.000535	-0.000842
68	0.003671	-0.000406	-0.000108	0.000177	-0.000313	-0.000910	0.001563	-0.004222	0.000111	-0.000122	-0.000477	0.000642
69	0.001887	-0.000887	0.000889	0.000362	-0.000380	-0.000875	0.000907	-0.017459	0.000042	-0.000488	0.000042	0.000162
70	-0.023748	0.000415	-0.000309	0.000188	0.000143	-0.000730	0.000285	-0.002524	-0.000764	0.000796	0.000241	-0.000240
71	0.003845	0.000546	-0.000555	-0.000348	0.000241	0.001135	-0.001027	0.022923	-0.000321	0.000775	-0.000078	-0.000228
72	0.018041	-0.000140	0.000003	-0.000196	-0.000039	0.000521	-0.000152	-0.002229	0.001024	-0.001055	-0.000208	0.000280
73	-0.006615	-0.000187	-0.000018	0.000059	0.000049	-0.000196	0.000290	0.012981	0.001163	0.000066	-0.000284	0.000011
74	0.003634	0.000055	0.000049	-0.000120	-0.000011	0.000223	-0.000196	-0.003562	-0.000182	-0.000085	0.000084	0.000018
75	0.003649	0.000261	-0.000047	-0.000099	0.000012	0.000186	-0.000311	-0.003468	0.000051	-0.000135	0.000091	0.000039
76	-0.014109	-0.001465	0.000554	0.000427	-0.000152	-0.000610	0.001249	0.006155	0.000145	0.000205	-0.000006	-0.000079
77	0.042379	0.001895	-0.005150	-0.003386	0.002668	0.005869	-0.002005	0.006125	-0.000259	0.000137	-0.000026	-0.000055
78	-0.000167	-0.000330	0.000711	0.000457	-0.000358	-0.001192	0.000725	-0.003488	0.000174	-0.000210	0.000020	0.000109
79	-0.029406	-0.002237	0.003651	0.002529	-0.001860	-0.004354	0.002345	-0.003599	0.000329	-0.000162	-0.000014	0.000102
80	-0.028822	0.011535	0.004067	0.003868	-0.003839	-0.005009	-0.010443	0.013776	-0.001194	0.000595	0.000148	-0.000365
81	-0.006762	-0.010929	-0.004137	-0.003691	0.003512	0.003845	0.011218	-0.041444	0.001803	-0.005616	-0.002560	0.003226
82	-0.017498	0.002003	-0.003281	-0.001601	0.002018	0.002587	-0.001792	-0.000754	-0.000760	0.001228	0.000295	-0.000436
83	0.001096	0.000446	-0.001012	-0.000392	0.000494	0.000953	-0.000509	0.027485	-0.002253	0.004169	0.001718	-0.002374
84	0.026609	-0.001671	0.004606	0.002386	-0.002808	-0.004067	0.001654	0.027981	0.010498	0.004710	0.003639	-0.003863
85	-0.012577	0.001556	-0.000325	0.000016	0.000181	-0.000180	-0.001245	0.007677	-0.010918	-0.003769	-0.003355	0.003698
86	0.003683	-0.000368	0.000133	-0.000025	-0.000078	0.000115	0.000221	0.019501	0.001940	-0.002649	-0.001976	0.001524
87	0.003568	-0.000180	0.000161	-0.000056	-0.000084	0.000189	-0.000029	-0.000958	0.000637	-0.000965	-0.000404	0.000365
88	-0.006803	0.000349	-0.000020	0.000097	0.000009	-0.000231	-0.000199	-0.029095	-0.001828	0.003984	0.002793	-0.002285
89	0.005586	0.000928	-0.000205	-0.000097	-0.000012	0.000016	-0.000628	-0.003409	-0.000173	-0.000023	-0.000019	-0.000031
90	0.003878	-0.000048	0.000933	-0.000546	-0.000548	0.001052	-0.000788	-0.005275	0.000645	-0.000042	-0.000026	0.000095
91	0.004250	-0.001052	-0.000026	-0.000062	-0.000047	0.000231	0.000949	-0.004903	0.000776	-0.001074	0.000512	0.000649
92	0.003540	-0.000053	-0.000099	0.000006	0.000027	0.000021	0.000096	-0.004386	-0.000910	-0.000237	0.000087	0.000058
93	-0.001818	-0.000072	-0.000039	0.000065	0.000006	-0.000107	0.000147	0.001772	0.000083	0.000024	-0.000047	-0.000002
94	-0.001814	0.000017	-0.000011	0.000054	0.000006	-0.000116	0.000050	0.001789	0.000099	0.000062	-0.000037	-0.000016
95	-0.001733	-0.000123	0.000014	0.000040	-0.000004	-0.000083	0.000155	0.001688	-0.000051	0.000056	-0.000043	-0.000019
96	-0.001854	-0.000137	0.000026	0.000061	-0.000007	-0.000103	0.000160	0.001711	0.000002	0.000082	-0.000047	-0.000022
97	0.000044	0.000195	-0.000343	-0.000248	0.000160	0.000605	-0.000376	0.001753	-0.000148	0.000089	-0.000012	-0.000057
98	0.000239	0.000143	-0.000375	-0.000209	0.000198	0.000583	-0.000348	0.001740	-0.000026	0.000121	-0.000008	-0.000053
99	0.021941	0.001242	-0.003029	-0.001539	0.001440	0.002650	-0.000819	0.001741	-0.000207	0.000068	0.000010	-0.000048
100	0.007416	0.000979	-0.000618	-0.000982	0.000423	0.001698	-0.001519	0.001815	-0.000119	0.000094	0.000002	-0.000052
101	0.003499	-0.001435	0.001277	0.000363	-0.000692	-0.000412	0.000927	0.000192	0.000450	-0.000602	-0.000137	0.000242
102	0.014171	-0.000572	0.002002	0.001242	-0.001337	-0.002206	0.000909	0.000122	0.000298	-0.000616	-0.000170	0.000204
103	-0.000387	-0.000191	0.000500	0.000215	-0.000246	-0.000509	0.000240	-0.020758	0.000789	-0.002493	-0.001301	0.001421
104	-0.000640	-0.000253	0.000503	0.000180	-0.000247	-0.000455	0.000282	-0.006706	0.001465	-0.001678	-0.000414	0.000954
105	-0.001834	0.000198	-0.000068	0.000012	0.000040	-0.000053	-0.000129	-0.004222	-0.001056	0.000501	0.000723	-0.000362
106	-0.001849	0.000169	-0.000062	0.000013	0.000036	-0.000061	-0.000093	-0.015290	-0.000892	0.002152	0.001259	-0.001164
107	-0.001770	0.000035	-0.000092	0.000026	0.000042	-0.000081	0.000070	0.000384	-0.000297	0.000502	0.000201	-0.000204
108	-0.001770	0.000148	-0.000070	0.000031	0.000042	-0.000110	-0.000042	0.000681	-0.000311	0.000438	0.000200	-0.000153

109	-0.002844	-0.000941	0.000206	0.000095	-0.000075	0.000167	0.000546	0.001517	-0.000230	-0.000062	0.000105	-0.000046
110	-0.002600	0.000013	0.000001	0.000002	0.000083	-0.000187	0.000088	0.001874	0.000401	0.000087	-0.000085	0.000075
111	-0.019780	-0.021049	0.012031	0.003819	-0.003215	-0.013190	0.021745	0.002887	-0.000355	-0.000143	0.000141	-0.000107
112	0.015348	0.021286	-0.012922	-0.003231	0.003740	0.012081	-0.021145	0.002164	-0.000302	0.000187	-0.000109	0.000012
113	-0.002296	0.000370	0.000030	0.000086	-0.000004	-0.000045	-0.000432	0.019512	-0.022021	0.012541	0.003096	-0.003765
114	-0.001964	0.000674	0.000001	-0.000019	0.000048	-0.000184	-0.000517	-0.014450	0.021323	-0.011437	-0.003589	0.003094
115	-0.001577	-0.000434	0.000124	0.000050	-0.000107	0.000090	0.000275	0.001848	0.000314	0.000017	0.000041	-0.000065
116	-0.001966	0.000496	-0.000021	-0.000055	0.000080	-0.000116	-0.000380	0.002522	0.000611	0.000208	-0.000127	0.000008
117	0.002265	0.000229	0.000294	-0.000056	-0.000228	-0.000213	-0.000038	0.002914	-0.000049	0.000026	0.000169	0.000003
118	0.001239	0.000110	0.000123	-0.000018	-0.000138	-0.000185	0.000104	0.000328	0.000090	0.000036	0.000050	0.000044
119	0.001152	0.000109	0.000122	-0.000021	-0.000124	-0.000116	0.000024	-0.000001	-0.000005	0.000020	0.000074	0.000035
120	0.000237	0.000019	0.000014	0.000012	-0.000010	-0.000085	0.000050	0.000073	0.000023	0.000039	-0.000006	-0.000011
121	-0.000218	0.000001	-0.000008	-0.000009	0.000023	0.000054	-0.000061	-0.000075	0.000000	-0.000025	-0.000001	0.000018
122	-0.000023	-0.000020	-0.000007	-0.000003	-0.000012	0.000031	0.000010	-0.000005	-0.000022	-0.000015	0.000007	-0.000006
123	-0.000191	0.000044	-0.000011	-0.000010	0.000021	0.000009	-0.000052	0.000088	-0.000002	0.000027	-0.000002	-0.000015
124	0.000232	-0.000026	0.000019	0.000004	-0.000038	0.000005	0.000036	-0.000002	0.000001	-0.000008	0.000015	0.000020
125	-0.000031	-0.000018	-0.000007	0.000005	0.000015	-0.000014	0.000018	-0.000076	-0.000002	-0.000018	-0.000012	-0.000007
126	0.000690	0.000149	0.000079	-0.000021	-0.000098	-0.000059	-0.000053	0.000388	-0.000015	0.000006	0.000079	-0.000011
127	0.000630	0.000059	0.000053	-0.000013	-0.000076	-0.000052	0.000029	0.000497	-0.000022	0.000040	0.000047	-0.000031
128	0.000039	-0.000004	-0.000005	0.000001	0.000003	-0.000012	0.000016	0.000015	0.000001	0.000000	-0.000004	-0.000007
129	0.000001	0.000028	0.000011	-0.000001	-0.000008	0.000001	-0.000030	-0.000032	0.000046	0.000010	-0.000003	0.000009
130	0.000203	-0.000053	0.000006	0.000001	-0.000031	-0.000026	0.000103	-0.000021	-0.000017	-0.000010	0.000003	0.000006
131	-0.000074	-0.000001	-0.000011	-0.000003	0.000018	0.000007	-0.000009	0.000058	-0.000023	-0.000001	-0.000003	-0.000009
132	0.000000	0.000004	0.000003	0.000001	-0.000001	-0.000007	0.000000	-0.000008	0.000017	0.000007	0.000000	-0.000004
133	-0.000173	0.000027	-0.000005	0.000001	0.000020	0.000037	-0.000079	-0.000011	-0.000024	-0.000006	0.000007	0.000004
134	0.002605	-0.000150	-0.000029	-0.000095	-0.000050	0.000201	0.000112	-0.002130	-0.000222	0.000238	0.000143	-0.000146
135	0.000266	0.000088	-0.000239	-0.000099	0.000133	0.000067	0.000043	-0.000799	-0.000145	0.000462	-0.000132	-0.000053
136	0.001167	0.000148	-0.000342	-0.000093	0.000144	0.000069	0.000065	-0.000086	0.000032	0.000134	-0.000172	0.000029
137	0.002154	0.000045	-0.000267	0.000037	0.000041	-0.000011	0.000146	-0.002431	0.000043	0.000134	0.000024	-0.000073
138	0.006841	0.000208	-0.000473	0.000002	0.000007	-0.000026	0.000262	-0.002704	-0.000059	0.000054	0.000105	-0.000109
139	0.019726	0.000960	-0.001349	0.000257	0.000129	-0.000796	0.000744	0.002376	0.000155	-0.000054	-0.000098	-0.000011
140	0.014679	0.000508	-0.000882	-0.000116	0.000202	-0.000501	0.000749	-0.000719	0.000005	-0.000015	0.000111	-0.000089
141	0.013723	0.000989	-0.000751	-0.000063	0.000141	-0.000487	0.000153	0.000616	-0.000066	-0.000003	0.000132	-0.000092
142	0.002342	0.000830	-0.000160	-0.000405	-0.000186	0.000269	-0.000340	0.002216	-0.000118	0.000031	0.000107	-0.000068
143	0.039496	-0.001173	-0.000726	-0.002313	0.000690	0.002326	0.001163	0.005360	0.000000	0.000029	0.000040	-0.000030
144	-0.000693	-0.001084	0.001534	0.000614	-0.001117	-0.000037	0.000088	0.018179	0.000873	-0.001214	0.000112	0.000578
145	-0.025418	-0.001093	-0.001809	0.000136	0.001171	-0.000090	0.001672	0.019092	0.000780	-0.000179	0.000592	-0.000302
146	-0.004946	0.000138	0.000012	-0.000133	0.000320	0.000906	-0.001218	0.012085	0.000300	-0.000243	0.000342	-0.000264
147	-0.010776	-0.000320	0.001243	-0.000440	-0.000215	0.001724	-0.001966	-0.003175	-0.000077	0.000295	-0.000429	-0.000283
148	-0.004627	-0.000557	0.000700	0.000111	-0.000315	0.000460	-0.000395	0.024717	0.001648	0.001459	-0.000241	-0.001244
149	-0.000975	-0.000147	-0.000094	0.000064	-0.000013	0.000042	0.000141	-0.005257	-0.001729	0.001444	-0.000561	-0.000166
150	0.000201	-0.000461	0.000358	0.000093	-0.000238	0.000150	0.000091	-0.027019	0.000684	0.001093	0.001930	-0.000940
151	0.000019	-0.000183	0.000309	0.000014	-0.000176	0.000079	-0.000044	-0.001075	-0.000830	0.000434	0.000625	-0.000138
152	-0.001508	-0.000142	0.000030	-0.000051	0.000002	0.000104	0.000053	-0.005841	-0.001589	0.001356	0.000122	-0.000445
153	-0.001407	-0.000103	-0.000128	-0.000060	0.000068	0.000095	0.000124	-0.002441	-0.000795	0.000878	-0.000109	-0.000244
154	0.006967	-0.000005	0.000073	0.000005	-0.000209	-0.000203	0.000320	-0.000855	-0.000051	0.000121	0.000051	-0.000115
155	0.015879	-0.005402	-0.001166	-0.001180	0.000655	0.001648	0.005357	0.006287	0.000326	-0.000072	-0.000168	0.000009
156	-0.000721	-0.000466	0.000311	0.000246	-0.000232	0.000118	0.000020	0.009937	0.004813	0.001890	0.001183	-0.001405
157	0.000167	-0.000281	-0.000157	-0.000043	0.000002	0.000162	0.000307	0.000447	-0.000526	0.000385	-0.000038	-0.000052
158	-0.000412	0.000007	-0.000031	-0.000016	0.000035	0.000084	-0.000080	0.000914	-0.000095	0.000063	0.000014	-0.000084

159	0.001202	-0.000105	0.000140	-0.000013	-0.000200	0.000007	0.000158	0.001863	-0.000403	0.000158	0.000167	-0.000318
160	0.001299	-0.000071	0.000131	0.000000	-0.000195	-0.000048	0.000171	0.001327	-0.000310	0.000126	0.000135	-0.000248
161	0.000648	-0.000122	0.000022	0.000015	-0.000082	-0.000092	0.000260	-0.000640	-0.000029	-0.000032	-0.000025	0.000049
162	-0.000317	-0.000072	0.000060	0.000025	-0.000013	0.000015	-0.000012	0.001086	0.000400	-0.000295	-0.000127	0.000066
163	0.003406	-0.000350	0.000175	0.000081	-0.000356	-0.000630	0.001082	-0.003962	0.000058	-0.000217	-0.000110	0.000333
164	0.000968	0.000165	-0.000464	-0.000138	0.000223	0.000126	0.000076	-0.000539	-0.000029	0.000273	-0.000261	0.000016
165	-0.000838	-0.000087	0.000066	0.000030	-0.000011	-0.000020	0.000025	-0.000423	0.000027	0.000079	0.000023	-0.000025
166	-0.004294	-0.000190	0.000498	-0.000030	-0.000081	-0.000008	-0.000174	0.003368	-0.000094	-0.000151	-0.000016	0.000105
167	0.003053	0.000133	0.000625	0.000843	-0.000579	-0.001098	0.000070	0.000403	-0.000083	0.000021	0.000215	-0.000162
168	-0.015502	-0.001520	0.001619	0.000751	-0.000625	-0.000422	0.000215	-0.000576	0.000033	0.000001	0.000004	0.000008
169	0.012944	0.003176	-0.003683	-0.000636	0.001515	-0.000288	-0.000131	-0.004238	0.000106	-0.000078	-0.000167	0.000112
170	-0.012587	-0.001443	0.001482	-0.001520	-0.000001	0.002897	-0.001419	0.004947	0.000302	0.000629	0.000986	-0.000976
171	-0.014901	-0.000062	0.000754	-0.000722	0.000212	0.001999	-0.002154	-0.016090	0.000074	0.000238	-0.000408	0.000302
172	-0.000816	0.000129	-0.001085	-0.000114	0.000697	-0.000652	0.001020	0.016466	-0.000703	-0.000085	0.001860	-0.000946
173	-0.000317	-0.000309	0.000501	0.000032	-0.000276	0.000124	-0.000077	0.010819	0.001681	-0.001685	0.000520	0.000386
174	-0.000146	-0.000121	-0.000010	0.000001	0.000004	0.000027	0.000097	-0.010840	-0.001115	0.001396	0.000462	-0.000563
175	0.002159	0.000216	-0.000053	0.000086	0.000007	-0.000165	-0.000085	-0.004728	0.001634	-0.000590	0.000396	0.000048
176	-0.005309	-0.000968	0.000806	0.000356	-0.000400	0.000014	0.000211	-0.003607	-0.000106	-0.000044	0.000401	-0.000138
177	-0.016300	-0.000626	0.001733	0.000198	-0.000576	0.000140	-0.000830	0.004186	-0.000235	0.000144	0.000027	-0.000046
178	0.015747	0.007736	-0.006109	-0.002612	0.003212	0.001986	-0.004320	-0.001617	-0.000358	0.000225	-0.000200	0.000076
179	0.032950	-0.004682	0.002524	0.002249	-0.002133	-0.003316	0.005400	-0.012674	0.000216	0.000003	-0.000682	0.000329
180	-0.004018	-0.001146	0.000911	-0.000116	-0.000381	0.000416	0.000310	0.010919	-0.002840	0.001189	0.002395	-0.001847
181	-0.004772	-0.000216	-0.000271	-0.000162	0.000257	0.000274	0.000113	0.037326	0.004713	-0.003332	-0.001424	0.001877
182	-0.002906	0.000424	-0.000627	-0.000121	0.000421	-0.000030	-0.000066	-0.007252	0.000702	0.001012	-0.000394	-0.000127
183	0.003497	-0.000207	-0.000023	0.000217	-0.000147	-0.000114	0.000266	-0.008196	-0.000458	0.000625	0.000369	-0.000440
184	0.002585	-0.000235	0.000155	0.000046	-0.000302	-0.000210	0.000536	-0.000150	-0.000292	0.000052	0.000112	-0.000136
185	0.000851	-0.000012	0.000137	-0.000020	-0.000153	0.000113	-0.000081	0.002283	-0.000446	0.000195	0.000231	-0.000362
186	-0.000433	0.000097	-0.000021	-0.000003	0.000063	0.000015	-0.000150	0.000224	0.000082	0.000010	-0.000020	0.000002
187	-0.001037	-0.000077	-0.000160	0.000002	0.000152	-0.000009	0.000104	-0.001808	0.000296	-0.000169	-0.000193	0.000304
188	-0.001959	0.000227	-0.000116	-0.000025	0.000242	0.000088	-0.000405	-0.000593	0.000367	-0.000093	-0.000133	0.000203
189	-0.000065	-0.000005	0.000007	-0.000001	0.000003	0.000006	-0.000011	0.000051	-0.000014	-0.000004	-0.000001	-0.000008
190	0.000107	0.000013	0.000056	0.000034	-0.000009	0.000011	-0.000103	-0.000257	0.000096	-0.000034	0.000018	0.000029
191	0.000410	0.000121	0.000062	0.000022	-0.000031	-0.000041	-0.000130	0.000275	0.000008	-0.000017	0.000010	0.000011
192	-0.000193	-0.000134	0.000012	0.000013	-0.000017	0.000028	0.000097	0.000230	-0.000056	0.000024	-0.000010	-0.000008
193	-0.000117	-0.000092	-0.000050	0.000036	0.000021	-0.000012	0.000096	-0.000206	-0.000060	-0.000051	0.000023	0.000003
194	-0.000185	0.000051	-0.000014	0.000036	-0.000018	0.000020	-0.000075	-0.000312	0.000049	-0.000028	0.000043	0.000026
195	-0.000175	-0.000190	-0.000018	0.000050	-0.000024	0.000026	0.000149	0.000092	-0.000004	-0.000052	0.000004	0.000039
196	0.000025	0.000003	0.000023	0.000015	-0.000019	-0.000004	-0.000018	0.000008	0.000041	0.000004	-0.000007	0.000005
197	0.000047	-0.000023	-0.000012	0.000010	-0.000016	0.000008	0.000032	0.000010	-0.000036	-0.000015	0.000016	0.000000
198	-0.000024	0.000002	-0.000012	0.000006	-0.000001	-0.000001	0.000005	0.000015	-0.000020	-0.000011	0.000010	0.000004
199	-0.000042	-0.000022	-0.000014	0.000015	-0.000008	0.000003	0.000025	0.000034	-0.000007	-0.000014	0.000016	0.000000
200	-0.000006	0.000000	0.000002	0.000026	-0.000012	-0.000007	-0.000009	0.000020	0.000005	-0.000019	0.000000	0.000007
201	-0.039675	0.000582	0.001669	0.000514	-0.001897	-0.002219	-0.003519	-0.000298	-0.000004	-0.000032	-0.000011	0.000006
202	0.009049	0.005180	-0.004133	0.001804	-0.000714	-0.002464	-0.001202	-0.000118	-0.000069	-0.000028	0.000056	-0.000015
203	-0.004458	-0.000363	0.001794	-0.002460	0.002725	0.001398	0.003784	-0.000153	-0.000136	-0.000014	0.000034	-0.000018
204	-0.001469	0.001460	-0.004858	-0.002119	-0.000342	0.003963	-0.002461	-0.000001	-0.000037	-0.000047	0.000000	0.000000
205	0.013125	-0.003865	-0.001311	-0.000659	0.001010	-0.002394	0.004667	0.000140	0.000086	0.000000	-0.000024	-0.000015
206	-0.030707	-0.001187	0.002753	0.003554	0.000646	-0.001917	0.002360	-0.000018	0.000050	0.000011	0.000039	-0.000032
207	0.005378	-0.000982	0.000393	-0.000168	0.000321	-0.000054	0.000569	-0.000044	0.000014	0.000017	0.000006	-0.000011
208	-0.000180	0.000963	-0.000823	0.000085	0.000283	-0.000333	-0.000277	-0.000101	-0.000019	-0.000014	0.000018	-0.000001

209	0.000452	0.000002	-0.000078	-0.000070	-0.000199	0.000161	0.000148	-0.000067	0.000009	-0.000014	0.000013	0.000004
210	0.000856	0.000151	0.000071	0.000226	-0.000298	-0.000243	0.000230	0.000031	0.000006	-0.000012	0.000007	-0.000010
211	0.004004	0.000330	-0.000422	0.000273	0.000117	0.000911	-0.001264	0.000140	0.000002	0.000009	0.000012	-0.000036
212	0.000271	0.000229	0.000035	-0.000027	0.000002	-0.000005	-0.000233	0.032562	-0.002100	0.001324	-0.000955	-0.002666
213	0.000388	0.000089	0.000090	-0.000052	-0.000023	-0.000007	-0.000096	-0.013766	-0.004903	0.002631	-0.001494	0.001078
214	0.000089	-0.000026	0.000010	-0.000013	-0.000013	0.000015	0.000025	0.001028	0.002388	-0.003452	0.000417	0.001584
215	-0.000131	-0.000061	-0.000022	-0.000005	0.000012	0.000009	0.000067	0.003296	-0.003125	-0.000079	-0.001572	0.002256
216	-0.000113	0.000022	-0.000004	-0.000007	0.000029	0.000007	-0.000046	-0.009046	0.001091	0.002685	0.001340	-0.001820
217	0.000227	0.000088	0.000066	-0.000056	0.000018	0.000005	-0.000124	0.043346	0.002372	0.000979	0.000962	-0.001139
218	0.000090	0.000034	0.000003	-0.000025	0.000000	0.000007	-0.000019	-0.004366	0.000740	-0.000486	-0.000031	-0.000275
219	0.000036	-0.000018	0.000008	-0.000016	0.000000	0.000002	0.000024	-0.000884	-0.000337	0.000201	0.000379	-0.000189
220	0.000014	-0.000015	0.000012	0.000004	-0.000017	-0.000003	0.000019	-0.000429	-0.000227	-0.000069	0.000231	0.000008
221	-0.000123	-0.000033	0.000014	0.000000	0.000009	0.000000	0.000010	-0.000672	0.000184	0.000177	-0.000244	0.000234
222	-0.000078	0.000049	0.000011	-0.000025	0.000033	0.000013	-0.000080	-0.006281	-0.000454	0.000155	-0.000380	0.000154
223	-0.000240	-0.000064	-0.000013	-0.000023	0.000000	0.000050	0.000047	-0.000200	0.000086	-0.000078	-0.000034	0.000046
224	0.000305	-0.000142	0.000076	0.000005	-0.000062	0.000021	0.000103	-0.000249	0.000032	0.000048	0.000018	-0.000009
225	0.000187	-0.000076	0.000004	0.000018	-0.000038	0.000035	0.000056	0.000049	-0.000018	-0.000035	0.000041	0.000002
226	-0.000268	0.000016	0.000000	-0.000003	0.000010	-0.000016	-0.000005	0.000042	0.000069	-0.000001	-0.000029	0.000003
227	-0.000299	-0.000009	0.000005	-0.000018	-0.000006	0.000031	0.000000	0.000276	0.000154	-0.000009	-0.000043	0.000029
228	0.000247	-0.000022	0.000054	-0.000004	-0.000034	0.000032	-0.000028	0.000043	0.000003	-0.000008	0.000007	-0.000012
229	-0.000050	-0.000023	-0.000015	-0.000001	0.000002	0.000018	0.000017	-0.000002	0.000023	-0.000021	-0.000008	0.000028
230	-0.000009	-0.000042	0.000021	-0.000005	-0.000019	0.000020	0.000025	-0.000107	-0.000017	-0.000002	0.000009	0.000014
231	-0.000016	-0.000021	0.000014	0.000002	-0.000015	0.000006	0.000014	-0.000028	-0.000022	-0.000003	0.000019	-0.000005
232	-0.000009	-0.000039	0.000015	0.000004	-0.000016	0.000006	0.000030	0.000043	-0.000011	0.000003	-0.000002	-0.000006
233	-0.000007	0.000024	-0.000008	0.000005	0.000001	0.000001	-0.000023	0.000100	0.000047	-0.000003	-0.000012	0.000000
234	-0.000705	-0.000172	-0.000188	0.000062	0.000002	0.000112	0.000180	-0.001110	-0.000006	-0.000159	0.000100	0.000059
235	0.001231	0.000196	0.000182	-0.000043	-0.000091	-0.000034	-0.000209	0.000964	0.000053	0.000016	-0.000023	0.000027
236	-0.000044	0.000115	0.000075	-0.000013	0.000022	-0.000055	-0.000143	0.000295	0.000092	0.000088	-0.000053	-0.000021
237	0.000042	0.000043	0.000051	-0.000018	0.000009	-0.000023	-0.000059	0.000357	-0.000017	0.000057	-0.000032	-0.000029
238	-0.000014	-0.000072	-0.000032	0.000009	0.000001	0.000005	0.000089	-0.000157	-0.000028	-0.000020	0.000013	-0.000004
239	-0.000057	-0.000049	-0.000031	0.000007	0.000015	0.000001	0.000057	-0.000142	-0.000036	-0.000009	0.000004	-0.000009
240	0.000085	0.000005	0.000000	-0.000005	-0.000014	0.000013	0.000001	-0.000011	-0.000032	-0.000020	0.000011	0.000010
241	0.000117	0.000021	0.000000	-0.000010	-0.000011	0.000013	-0.000012	-0.000028	-0.000030	-0.000021	0.000014	0.000009
242	-0.000045	0.000039	0.000011	-0.000006	0.000006	-0.000017	-0.000033	0.000224	0.000034	0.000034	-0.000018	-0.000010
243	-0.000067	0.000025	0.000002	0.000001	-0.000005	-0.000002	-0.000021	0.000173	0.000018	0.000019	-0.000002	-0.000006
244	-0.000265	-0.000070	-0.000032	0.000008	0.000028	-0.000001	0.000067	-0.000270	0.000003	0.000012	0.000002	-0.000013
245	-0.000278	-0.000083	-0.000038	0.000009	0.000038	-0.000012	0.000083	-0.000295	-0.000052	0.000002	-0.000015	-0.000013
246	-0.007895	-0.001810	-0.001202	-0.000565	-0.000401	-0.000662	0.002560	0.000418	0.000329	-0.000041	-0.000080	0.000022
247	-0.042177	0.005278	0.003438	0.002355	-0.002257	-0.006430	-0.001954	-0.000744	-0.000279	-0.000043	0.000143	-0.000024
248	0.003214	-0.001879	0.000920	0.001078	0.000197	0.000243	0.000281	0.000026	-0.000016	0.000049	0.000005	-0.000007
249	0.007859	-0.000172	0.001586	0.001165	0.000084	0.001013	0.000141	0.000004	-0.000073	0.000011	0.000019	-0.000004
250	0.006263	0.001979	-0.002101	-0.000980	-0.000093	0.000322	-0.001602	-0.000041	-0.000017	-0.000011	-0.000014	0.000007
251	0.005940	0.001568	-0.001067	-0.000718	0.000140	0.000878	-0.001188	-0.000025	-0.000008	-0.000007	-0.000021	0.000008
252	-0.002464	0.000831	-0.000552	-0.001553	-0.000109	0.000498	0.000405	-0.000009	-0.000006	-0.000014	0.000009	0.000002
253	-0.002108	0.000491	-0.000848	-0.001478	-0.000203	0.000929	0.000460	0.000004	-0.000008	-0.000014	0.000008	0.000002
254	0.003577	-0.000887	0.000910	0.000993	0.000578	-0.000502	0.001573	-0.000021	-0.000040	-0.000001	0.000019	-0.000005
255	0.005004	-0.001361	0.000988	0.001136	0.000106	-0.001110	0.002016	0.000027	-0.000025	-0.000007	0.000026	-0.000012
256	0.012046	-0.002140	-0.001110	-0.001192	0.000705	0.002799	-0.000548	0.000203	0.000047	0.000031	-0.000050	-0.000003
257	0.010953	-0.001656	-0.001404	-0.000833	0.000585	0.002322	-0.001008	0.000151	0.000095	0.000048	-0.000065	0.000015
258	-0.000639	-0.000059	-0.000049	-0.000007	0.000075	0.000021	0.000018	0.044853	0.001105	0.005484	0.002667	-0.002337

259	0.001095	0.000163	0.000188	-0.000064	-0.000068	-0.000018	-0.000200	0.009065	-0.002199	-0.000413	-0.000386	0.001655
260	0.000078	0.000088	0.000005	0.000015	-0.000024	-0.000014	-0.000069	-0.011220	0.001419	-0.002150	-0.001050	0.000683
261	0.000072	0.000018	0.000014	-0.000012	-0.000014	0.000017	-0.000022	-0.013757	-0.000109	-0.002447	-0.001246	0.000938
262	-0.000023	-0.000039	-0.000026	0.000005	0.000006	-0.000008	0.000062	-0.004515	-0.001882	0.001370	0.000082	-0.000917
263	-0.000148	-0.000028	-0.000035	0.000013	0.000011	-0.000006	0.000044	-0.004007	-0.001389	0.000385	-0.000210	-0.000862
264	0.000048	-0.000031	0.000011	0.000001	-0.000013	0.000004	0.000029	0.001536	-0.000235	-0.000566	0.000463	0.001634
265	0.000064	-0.000020	0.000012	-0.000002	-0.000012	0.000004	0.000018	0.001954	-0.000116	-0.000153	0.000324	0.001566
266	0.000020	-0.000015	0.000015	-0.000009	-0.000002	0.000009	0.000002	-0.006465	0.000951	-0.000913	-0.000165	0.000542
267	-0.000115	-0.000037	0.000012	-0.000004	0.000013	0.000010	0.000007	-0.006610	0.001290	-0.000427	-0.000001	0.000685
268	-0.000286	-0.000033	-0.000081	0.000031	0.000023	-0.000011	0.000071	-0.009716	0.000275	-0.000587	0.000134	-0.001325
269	-0.000163	-0.000005	-0.000068	0.000033	0.000005	-0.000007	0.000041	-0.001297	-0.000159	0.000204	0.000145	-0.001562
270	-0.001051	0.000168	0.000009	-0.000080	0.000062	0.000018	-0.000169	0.000537	0.000290	-0.000007	-0.000146	0.000105
271	0.001089	-0.000335	0.000125	0.000017	-0.000141	0.000104	0.000227	-0.000858	-0.000229	0.000029	0.000125	-0.000046
272	0.000319	-0.000069	-0.000049	0.000035	0.000002	-0.000010	0.000085	-0.000045	-0.000208	-0.000035	0.000037	-0.000044
273	0.000291	-0.000058	-0.000020	0.000030	-0.000010	-0.000013	0.000067	-0.000044	-0.000130	-0.000021	0.000046	-0.000030
274	-0.000147	0.000072	0.000010	-0.000011	0.000011	-0.000018	-0.000061	-0.000071	0.000114	0.000015	-0.000017	0.000023
275	-0.000231	0.000101	-0.000006	-0.000009	0.000026	-0.000024	-0.000086	0.000047	0.000128	0.000018	-0.000028	0.000014
276	-0.000001	-0.000046	0.000017	-0.000002	-0.000016	0.000014	0.000037	0.000014	0.000027	0.000015	0.000004	0.000005
277	-0.000019	-0.000046	0.000013	-0.000003	-0.000013	0.000014	0.000037	0.000000	0.000002	0.000011	0.000006	0.000002
278	0.000174	-0.000049	-0.000009	0.000016	-0.000010	0.000003	0.000046	-0.000032	-0.000139	-0.000016	0.000025	-0.000019
279	0.000200	-0.000056	0.000007	0.000007	-0.000019	0.000020	0.000038	0.000024	-0.000139	-0.000013	0.000020	-0.000015
280	-0.000322	0.000150	-0.000043	0.000000	0.000046	-0.000049	-0.000104	0.000210	0.000162	0.000001	-0.000036	0.000009
281	-0.000303	0.000167	-0.000054	0.000001	0.000064	-0.000059	-0.000117	0.000221	0.000123	0.000002	-0.000034	-0.000004
282	-0.000163	0.000463	-0.000107	0.000007	0.000050	-0.000102	-0.000309	-0.000267	0.000294	0.000047	-0.000046	0.000047
283	-0.000158	0.000078	-0.000001	0.000018	0.000002	-0.000021	-0.000074	-0.000010	0.000111	0.000019	-0.000011	0.000017
284	0.000086	-0.000004	0.000001	-0.000012	0.000001	0.000013	0.000001	0.000035	-0.000037	-0.000017	0.000006	-0.000002
285	0.000038	0.000040	0.000002	-0.000012	0.000007	-0.000008	-0.000029	0.000020	0.000026	0.000006	-0.000007	0.000001
286	-0.000024	0.000003	0.000002	-0.000008	0.000004	-0.000006	0.000004	0.000018	-0.000004	0.000012	-0.000001	-0.000008
287	0.000076	-0.000066	-0.000029	0.000006	0.000006	0.000016	0.000067	0.000095	-0.000038	-0.000020	0.000007	-0.000006
288	-0.005467	0.003242	0.066826	0.033763	-0.033949	-0.066062	-0.002837	0.000360	-0.000027	-0.000112	0.000021	-0.000015
289	0.010835	0.047820	0.024583	-0.024967	-0.053214	0.006126	-0.000887	-0.000158	-0.000019	-0.000037	0.000007	0.000017
290	-0.003326	-0.024301	0.024409	0.053488	-0.006994	0.007446	-0.052704	0.000072	0.000012	0.000007	-0.000001	-0.000011
291	0.002393	0.024898	0.051530	-0.009428	0.009282	-0.051253	-0.025211	0.000002	-0.000022	-0.000007	0.000003	-0.000003
292	0.003638	0.053517	-0.007557	0.006816	-0.053565	-0.024482	0.023936	-0.000006	-0.000046	0.000007	0.000000	0.000005
293	0.012725	-0.000065	0.005439	-0.053658	-0.024806	0.025094	0.047655	-0.000171	0.000037	0.000017	0.000016	0.000019
294	0.000180	-0.000183	0.000051	-0.000016	-0.000016	0.000071	0.000095	0.002164	0.002033	0.065648	0.033519	-0.033901
295	-0.000185	-0.000033	0.000005	0.000004	0.000011	0.000051	-0.000038	0.007845	0.048721	0.024759	-0.025031	-0.053012
296	0.000038	-0.000030	-0.000019	0.000011	-0.000011	-0.000014	0.000062	-0.002616	-0.023899	0.024420	0.053377	-0.007351
297	-0.000004	-0.000031	0.000000	0.000006	-0.000004	-0.000008	0.000037	0.000927	0.024935	0.051506	-0.009259	0.008925
298	-0.000028	0.000035	0.000006	0.000005	0.000008	-0.000027	-0.000027	0.004196	0.053139	-0.006834	0.006291	-0.053582
299	-0.000101	0.000086	-0.000006	0.000030	0.000017	-0.000054	-0.000073	0.011190	0.001470	0.004707	-0.053769	-0.024583
300	0.000252	0.000244	-0.000016	-0.000012	0.000024	-0.000070	-0.000168	-0.000010	0.000109	0.000105	0.000016	-0.000041
301	0.000092	0.000008	0.000002	0.000004	-0.000001	-0.000018	0.000006	-0.000161	-0.000069	0.000040	0.000021	-0.000014
302	-0.000011	0.000008	-0.000005	0.000001	0.000005	-0.000004	-0.000005	0.000084	0.000060	-0.000015	-0.000011	0.000009
303	-0.000011	0.000008	-0.000003	0.000000	0.000005	0.000000	-0.000009	0.000015	0.000026	-0.000010	-0.000011	0.000010
304	-0.000024	-0.000053	-0.000002	-0.000002	-0.000004	0.000022	0.000038	-0.000017	0.000024	-0.000020	-0.000003	0.000016
305	0.000011	-0.000077	-0.000013	0.000006	-0.000007	0.000027	0.000064	0.000017	-0.000005	-0.000068	0.000004	0.000031
306	-0.000406	-0.000103	0.000049	0.000006	0.000016	-0.000015	0.000056	0.000418	0.000146	0.000004	-0.000024	0.000003
307	-0.000201	0.000224	-0.000050	-0.000008	0.000021	-0.000030	-0.000156	-0.000025	0.000144	0.000043	-0.000039	0.000024
308	0.000058	0.000065	-0.000015	0.000011	0.000011	-0.000025	-0.000047	-0.000048	0.000047	-0.000010	-0.000003	0.000012

309	0.000003	-0.000010	0.000018	-0.000010	-0.000008	0.000006	0.000005	-0.000037	-0.000023	0.000004	0.000011	-0.000008
310	0.000018	-0.000002	-0.000001	-0.000006	0.000003	0.000002	0.000005	0.000015	-0.000003	0.000003	-0.000008	0.000000
311	0.000012	-0.000051	-0.000002	0.000006	-0.000008	0.000024	0.000031	0.000053	-0.000055	-0.000020	0.000005	0.000001
312	0.000114	-0.000222	0.000050	0.000008	-0.000019	0.000023	0.000160	0.000043	-0.000108	-0.000019	0.000034	-0.000028
313	0.080949	0.006409	-0.002030	-0.005727	-0.002245	0.000423	0.002976	-0.000505	0.000020	-0.000005	0.000049	0.000077
314	0.006409	0.187275	-0.103371	0.001845	0.013836	-0.001722	-0.099007	0.000085	-0.000112	-0.000053	0.000022	-0.000017
315	-0.002030	-0.103371	0.197236	-0.103982	0.000428	0.012947	-0.001883	0.000015	0.000064	-0.000028	0.000000	0.000012
316	-0.005727	0.001845	-0.103982	0.193636	-0.106047	0.000516	0.014107	0.000082	-0.000023	0.000020	-0.000010	-0.000013
317	-0.002245	0.013836	0.000428	-0.106047	0.193402	-0.104126	0.002292	0.000071	-0.000012	-0.000007	0.000003	-0.000009
318	0.000423	-0.001722	0.012947	0.000516	-0.104126	0.196848	-0.103428	-0.000086	0.000030	0.000013	0.000001	0.000002
319	0.002976	-0.099007	-0.001883	0.014107	0.002292	-0.103428	0.186873	-0.000168	0.000051	0.000054	-0.000015	0.000025
320	-0.000505	0.000085	0.000015	0.000082	0.000071	-0.000086	-0.000168	0.060995	0.007905	-0.001565	-0.004191	-0.002578
321	0.000020	-0.000112	0.000064	-0.000023	-0.000012	0.000030	0.000051	0.007905	0.187151	-0.103628	0.001588	0.013688
322	-0.000005	-0.000053	-0.000028	0.000020	-0.000007	0.000013	0.000054	-0.001565	-0.103628	0.196944	-0.103819	0.000318
323	0.000049	0.000022	0.000000	-0.000010	0.000003	0.000001	-0.000015	-0.004191	0.001588	-0.103819	0.193453	-0.105862
324	0.000077	-0.000017	0.000012	-0.000013	-0.000009	0.000002	0.000025	-0.002578	0.013688	0.000318	-0.105862	0.193164
325	-0.000045	-0.000026	-0.000012	0.000011	-0.000009	-0.000008	0.000044	0.000249	-0.001513	0.013033	0.000685	-0.104277
326	-0.000093	0.000187	-0.000037	0.000016	0.000033	-0.000038	-0.000159	0.000043	-0.098366	-0.002012	0.013760	0.003031
327	0.000400	-0.000235	0.000011	-0.000001	-0.000033	0.000052	0.000208	-0.000622	-0.000308	0.000026	0.000029	0.000032
328	0.000055	0.000007	-0.000016	-0.000004	0.000017	-0.000021	0.000017	-0.000152	-0.000008	0.000040	-0.000006	-0.000019
329	0.000053	0.000088	-0.000001	0.000000	0.000005	-0.000020	-0.000071	0.000078	0.000036	0.000004	0.000012	0.000000
330	-0.000002	0.000007	0.000007	-0.000001	-0.000005	-0.000001	-0.000007	0.000003	0.000042	0.000022	-0.000009	-0.000003
331	-0.000027	0.000000	-0.000002	-0.000005	0.000007	0.000005	-0.000006	0.000034	-0.000030	-0.000006	-0.000006	-0.000005
332	-0.000046	-0.000027	-0.000004	0.000007	0.000001	-0.000008	0.000031	-0.000009	0.000003	-0.000016	-0.000001	0.000002
333	-0.000030	-0.000077	0.000016	0.000002	-0.000025	0.000046	0.000037	0.000046	-0.000044	-0.000044	0.000010	0.000025

	325	326	327	328	329	330	331	332	333
1	0.000077	0.000207	0.000111	0.000144	-0.000022	-0.000076	-0.000116	-0.000140	0.000204
2	-0.000416	0.000352	-0.002323	0.000455	-0.000340	-0.000054	0.000526	0.000644	-0.001216
3	0.000438	-0.001790	0.013455	0.003864	0.006291	0.004398	-0.004408	-0.005711	-0.004623
4	-0.000460	0.001384	0.015909	-0.000858	0.000477	-0.000140	-0.000149	-0.000160	0.000834
5	-0.003957	-0.006255	0.015149	0.000789	0.000169	0.000040	-0.000169	0.000167	-0.001002
6	0.004239	0.006066	-0.000510	-0.004299	-0.005865	-0.004336	0.004371	0.005956	0.004382
7	0.000019	-0.000316	-0.000174	-0.000370	0.000050	0.000039	-0.000006	-0.000042	0.000330
8	0.000075	-0.001471	0.033605	0.002916	0.011938	0.007731	-0.007931	-0.012321	-0.002682
9	-0.000101	0.000629	-0.009183	0.000569	-0.001380	-0.001109	0.001159	0.002750	-0.001925
10	0.000576	-0.000801	0.001992	-0.000758	-0.000227	-0.000006	0.000308	-0.000929	0.001610
11	-0.001145	0.001795	0.001549	0.000050	0.000224	0.000053	-0.000262	0.000487	-0.000552
12	0.002546	-0.001913	0.001804	-0.000487	0.000340	-0.000150	0.000026	0.000001	0.000275
13	-0.009226	-0.005432	0.001454	0.001178	-0.000735	0.000367	-0.000026	-0.000146	-0.000649
14	0.007697	0.005666	-0.003725	-0.001917	0.002489	0.000936	-0.000989	-0.001090	0.000548
15	-0.000927	0.000854	0.010421	-0.002621	-0.012102	-0.007514	0.007520	0.010633	0.004414
16	-0.000324	0.000765	0.055770	0.001426	0.006486	0.003387	-0.004851	-0.005175	-0.001416
17	0.000167	-0.000028	-0.007751	-0.003002	0.000100	0.000330	0.000362	-0.001899	0.004110
18	-0.000407	0.000026	-0.054471	0.000628	-0.004704	-0.002799	0.003022	0.005599	-0.001615
19	0.000044	0.000402	-0.001466	0.000957	-0.000237	0.000126	-0.000067	0.000007	-0.000788
20	-0.000002	-0.000025	-0.004664	-0.000219	0.000158	-0.000009	0.000083	-0.000017	0.000002
21	0.000170	-0.000623	-0.001293	0.000132	-0.000415	0.000076	0.000063	-0.000045	0.000189
22	0.004867	-0.001054	-0.001253	0.000291	-0.000053	0.000045	0.000117	-0.000479	0.000070

23	-0.001655	0.003655	-0.004584	-0.000031	-0.000133	0.000078	-0.000011	0.000220	-0.000122
24	-0.002723	-0.003641	-0.001368	-0.000507	0.000052	-0.000092	0.000122	-0.000295	0.000721
25	0.004367	0.001962	-0.043774	-0.001284	0.004627	0.002514	-0.002652	-0.003783	0.000480
26	0.000182	-0.002889	-0.006646	0.004397	-0.002121	0.000151	0.000402	0.000438	-0.003277
27	-0.003290	0.000783	0.041135	-0.002834	-0.003639	-0.004089	0.002994	0.005314	0.002399
28	0.000546	-0.000525	-0.013083	0.000293	-0.000784	0.000713	0.000357	-0.001605	0.001007
29	-0.000669	0.000789	-0.013530	0.000459	0.000331	-0.000338	-0.000107	0.001523	-0.001850
30	0.001453	-0.001821	-0.007176	-0.001152	0.000584	-0.000027	0.000182	-0.000794	0.001201
31	-0.000896	0.000379	-0.006995	0.001194	-0.000938	0.000159	0.000006	0.000623	-0.001040
32	-0.008983	0.006769	-0.012604	-0.001808	0.001058	-0.000245	-0.000287	0.000638	0.000659
33	0.011452	-0.009528	-0.010647	0.001537	-0.001841	0.000167	0.000762	-0.000858	0.000221
34	-0.001259	0.000877	0.068270	0.008293	-0.010138	-0.005279	0.004478	0.013923	-0.010993
35	0.000387	0.000672	0.090395	-0.011569	0.014948	0.004591	-0.005817	-0.010969	0.008629
36	0.000017	0.000070	-0.015509	-0.000849	-0.001913	-0.000940	0.001282	-0.000044	0.002498
37	-0.000008	-0.000014	-0.000037	-0.000185	0.000030	0.000026	-0.000055	-0.000049	0.000232
38	0.000037	0.000156	-0.000070	0.000155	0.000030	0.000013	0.000004	-0.000053	-0.000150
39	-0.000009	0.000025	0.000005	0.000042	0.000022	-0.000005	0.000000	-0.000007	-0.000053
40	-0.000058	0.000168	0.000001	0.000000	0.000010	-0.000012	0.000016	-0.000009	-0.000004
41	0.000798	0.001268	-0.000022	0.000030	-0.000011	-0.000006	0.000018	-0.000008	-0.000022
42	-0.001444	-0.000889	-0.000114	0.000196	-0.000050	-0.000042	0.000008	0.000052	-0.000164
43	0.000033	-0.000204	-0.014738	0.001966	0.000240	0.001406	-0.001093	-0.001786	-0.000803
44	-0.000078	0.000010	-0.000503	-0.000023	-0.000040	-0.000044	-0.000001	0.000115	-0.000006
45	0.000041	-0.000072	-0.000007	-0.000087	-0.000089	0.000041	0.000012	-0.000026	0.000146
46	0.000027	0.002296	-0.000588	-0.000096	0.000130	-0.000039	-0.000012	-0.000012	0.000027
47	0.000009	-0.000127	-0.048999	-0.000028	0.003133	-0.001841	-0.002945	0.000632	0.001011
48	0.000277	-0.000376	0.000636	0.000054	-0.000022	-0.000045	0.000006	-0.000030	0.000039
49	0.000108	-0.000255	-0.000129	0.000097	0.000008	-0.000015	-0.000017	0.000031	-0.000104
50	-0.000148	-0.000011	-0.000849	-0.000013	-0.000048	0.000094	0.000023	0.000045	-0.000101
51	0.000098	-0.000130	-0.001994	-0.000885	0.000423	0.000248	0.000002	-0.000117	0.000332
52	0.000102	0.000052	0.001277	0.000136	0.000152	-0.000127	-0.000076	-0.000006	-0.000076
53	0.000353	-0.000548	0.000140	-0.000011	-0.000038	-0.000016	0.000012	0.000011	0.000042
54	0.000028	-0.000044	-0.000053	-0.000011	-0.000003	0.000001	0.000004	-0.000002	0.000010
55	0.000064	-0.000044	0.000214	-0.000101	0.000189	-0.000077	-0.000054	0.000029	0.000015
56	0.000006	-0.000006	-0.000204	-0.000143	0.000047	0.000055	0.000005	0.000006	0.000030
57	0.000006	0.000004	-0.000404	-0.000124	0.000058	0.000058	0.000003	-0.000023	0.000030
58	0.000004	-0.000016	-0.000352	-0.000144	0.000039	0.000061	0.000003	-0.000015	0.000056
59	-0.000003	0.000042	0.000208	0.000115	-0.000046	-0.000024	0.000002	0.000005	-0.000054
60	0.000056	0.000013	0.000240	0.000054	-0.000051	0.000004	-0.000001	-0.000036	0.000029
61	0.001735	-0.001782	0.000461	0.001090	-0.000471	-0.000002	-0.000263	0.000017	-0.000391
62	-0.001530	0.001501	-0.002352	-0.000586	0.000267	0.000075	0.000230	-0.000180	0.000203
63	-0.000436	0.000428	-0.002266	-0.000213	0.000044	0.000437	0.000121	0.000018	-0.000404
64	0.000767	-0.000903	0.001038	0.000434	-0.000110	-0.000403	-0.000126	-0.000117	0.000310
65	0.001364	-0.001632	0.002564	-0.000219	0.000113	-0.000409	0.000004	-0.000101	0.000622
66	-0.001233	0.001516	0.001921	0.000084	-0.000280	-0.000035	0.000119	0.000229	-0.000122
67	-0.002651	0.002968	0.000270	-0.000619	0.000289	-0.000057	0.000152	0.000119	0.000124
68	0.002005	-0.002134	-0.001598	0.000121	0.000056	0.000348	-0.000195	0.000099	-0.000421
69	-0.000055	0.000294	-0.002521	-0.000977	0.001027	0.000556	-0.000488	-0.001146	0.001008
70	-0.000540	0.000486	-0.020617	0.000017	-0.000433	0.000114	0.000222	-0.000056	0.000135
71	0.000282	-0.000415	-0.004111	0.001192	-0.001153	-0.000453	0.000502	0.000821	-0.000897
72	0.000265	-0.000298	0.027526	-0.000290	0.000576	-0.000231	-0.000229	0.000412	-0.000228

73	0.000634	-0.001586	0.027643	0.009573	0.005813	0.004499	-0.004482	-0.004862	-0.010763
74	-0.000187	0.000352	0.031160	-0.002306	0.004650	0.002041	-0.002841	-0.003862	0.002226
75	-0.000206	0.000158	-0.000749	-0.000910	0.001316	0.000508	-0.000589	-0.000876	0.000532
76	0.000049	-0.000314	-0.046060	0.002014	-0.006347	-0.002993	0.003902	0.005698	-0.002136
77	0.000020	0.000186	0.016389	-0.000868	0.000507	-0.000102	-0.000272	-0.000393	0.001127
78	-0.000054	-0.000038	-0.004158	0.000175	-0.000167	0.000055	0.000067	0.000003	-0.000134
79	0.000049	-0.000303	-0.004089	0.000025	-0.000228	0.000076	0.000093	-0.000079	0.000111
80	-0.000629	0.001441	0.007403	-0.000258	0.000188	-0.000135	-0.000046	0.000105	0.000148
81	0.004655	-0.001344	0.007948	0.000268	0.000220	0.000016	-0.000142	-0.000032	-0.000333
82	-0.000520	0.000173	-0.004224	-0.000006	-0.000187	0.000090	0.000071	-0.000149	0.000180
83	-0.003130	0.001764	-0.004267	-0.000213	-0.000111	0.000057	0.000057	-0.000103	0.000314
84	-0.003568	-0.011698	0.014715	0.000871	0.000115	-0.000087	-0.000176	0.000297	-0.001023
85	0.003777	0.010842	-0.035238	-0.002159	0.005047	0.003465	-0.002860	-0.005382	0.001764
86	0.003051	-0.001787	-0.001084	0.000667	-0.001067	-0.000671	0.000550	0.001212	-0.000665
87	0.000751	-0.000356	0.023075	0.002058	-0.003327	-0.002516	0.001942	0.003900	-0.001971
88	-0.004304	0.001489	0.013439	-0.010545	-0.004717	-0.004169	0.004365	0.005110	0.010187
89	0.000110	0.000137	-0.006475	0.000597	0.000169	0.000120	0.000043	0.000059	-0.000992
90	0.000274	-0.000950	-0.004074	0.000030	0.000074	-0.000023	0.000008	0.000039	-0.000129
91	-0.000806	-0.000119	-0.004600	-0.000666	-0.000177	-0.000032	0.000161	0.000082	0.000641
92	-0.000079	0.001090	-0.004292	0.000888	-0.001190	0.000708	0.000528	-0.001194	0.000213
93	0.000102	-0.000159	-0.006763	0.001394	-0.001742	-0.000426	0.000985	0.000403	-0.000596
94	0.000085	-0.000194	-0.024405	0.000913	-0.002908	-0.001614	0.001857	0.003460	-0.001633
95	0.000110	-0.000051	0.000188	0.000399	-0.000639	-0.000275	0.000272	0.000471	-0.000219
96	0.000098	-0.000112	0.000178	0.000490	-0.000657	-0.000236	0.000321	0.000433	-0.000341
97	0.000044	0.000085	0.002077	-0.000043	0.000097	-0.000021	-0.000039	-0.000026	0.000032
98	0.000008	-0.000044	0.002070	-0.000135	0.000072	-0.000036	-0.000026	0.000024	0.000103
99	-0.000005	0.000183	0.002060	0.000036	0.000124	-0.000034	-0.000046	0.000021	-0.000100
100	-0.000039	0.000114	0.002040	-0.000059	0.000104	-0.000040	-0.000047	0.000053	-0.000011
101	0.000247	-0.000191	0.002062	-0.000015	0.000094	-0.000045	-0.000038	0.000078	-0.000074
102	0.000304	-0.000008	0.002110	0.000022	0.000098	-0.000043	-0.000035	0.000070	-0.000111
103	0.002598	-0.000933	0.002133	0.000130	0.000071	-0.000021	-0.000033	0.000037	-0.000185
104	0.000531	-0.000834	0.002137	0.000083	0.000041	-0.000037	-0.000024	0.000066	-0.000128
105	-0.001259	0.001413	0.000758	-0.000427	0.000479	0.000344	-0.000253	-0.000600	0.000445
106	-0.001799	0.000381	0.000422	-0.000232	0.000577	0.000325	-0.000291	-0.000617	0.000225
107	-0.000370	0.000153	-0.017859	-0.001049	0.002868	0.001591	-0.001464	-0.002378	0.000383
108	-0.000387	0.000199	-0.005289	-0.001019	0.000467	0.000936	-0.000478	-0.001524	0.001583
109	-0.000188	0.000423	0.002831	-0.000366	0.000133	0.000016	-0.000111	-0.000126	0.000452
110	0.000076	-0.000558	0.003481	-0.000252	-0.000293	-0.000134	0.000069	0.000074	0.000542
111	-0.000336	0.000800	0.001674	-0.000062	0.000126	0.000072	-0.000068	-0.000053	-0.000017
112	0.000062	0.000154	0.002347	0.000034	-0.000194	-0.000046	0.000057	0.000006	0.000145
113	-0.011427	0.021378	0.002564	0.000072	0.000150	0.000111	-0.000120	-0.000149	-0.000069
114	0.012212	-0.021345	0.002086	0.000589	0.000023	-0.000079	-0.000038	0.000063	-0.000562
115	-0.000066	-0.000248	-0.010033	0.022783	-0.013746	-0.005740	0.004986	0.014922	-0.022951
116	0.000138	-0.000841	0.014629	-0.023454	0.014975	0.005085	-0.005580	-0.013788	0.022553
117	-0.000485	0.000325	-0.001152	0.000264	-0.000119	0.000047	-0.000039	0.000210	-0.000363
118	-0.000108	-0.000117	-0.000176	0.000212	-0.000183	-0.000010	0.000009	0.000118	-0.000145
119	-0.000104	-0.000024	-0.000236	0.000229	-0.000175	-0.000001	0.000024	0.000079	-0.000159
120	-0.000011	-0.000036	0.000291	0.000075	-0.000008	-0.000039	-0.000023	0.000045	-0.000049
121	0.000018	-0.000009	-0.000133	-0.000026	0.000005	0.000015	0.000011	-0.000022	0.000017
122	-0.000005	0.000041	-0.000164	-0.000051	0.000004	0.000025	0.000012	-0.000023	0.000033

123	-0.000009	0.000000	0.000269	0.000149	-0.000101	-0.000034	0.000011	0.000038	-0.000063
124	-0.000021	-0.000007	-0.000147	0.000046	0.000016	0.000013	-0.000010	-0.000009	-0.000056
125	0.000026	0.000012	-0.000107	-0.000189	0.000082	0.000019	-0.000001	-0.000028	0.000117
126	-0.000177	0.000114	-0.001023	-0.000248	0.000001	0.000108	0.000031	0.000047	0.000060
127	-0.000151	0.000113	-0.000770	-0.000090	0.000041	0.000078	-0.000003	0.000034	-0.000058
128	0.000005	0.000004	0.000065	-0.000016	0.000023	-0.000015	0.000003	-0.000002	0.000008
129	0.000000	-0.000062	-0.000296	-0.000167	0.000066	0.000036	-0.000007	-0.000011	0.000085
130	-0.000005	0.000024	-0.000039	0.000030	0.000009	0.000018	-0.000007	-0.000007	-0.000044
131	0.000011	0.000025	-0.000495	-0.000151	0.000064	0.000080	0.000012	-0.000040	0.000036
132	-0.000006	-0.000014	0.000340	0.000139	-0.000077	-0.000053	-0.000001	0.000028	-0.000037
133	-0.000004	0.000023	0.000423	0.000164	-0.000085	-0.000065	0.000001	0.000032	-0.000048
134	-0.000098	0.000075	-0.019095	-0.001798	0.001408	-0.000119	-0.000128	0.001513	-0.000832
135	0.000302	-0.000439	-0.039293	-0.002093	-0.002088	-0.000263	0.001972	0.001565	0.000954
136	0.000238	-0.000263	-0.003424	0.000337	-0.000195	0.000371	0.000142	0.000702	-0.001359
137	0.000063	-0.000193	-0.013718	-0.000746	0.000713	-0.000116	0.000167	0.001002	-0.001001
138	-0.000045	0.000049	-0.017783	-0.001489	0.000714	-0.000411	0.000394	0.001298	-0.000464
139	-0.000020	0.000020	-0.001533	-0.000085	-0.000023	0.000003	0.000000	0.000299	-0.000189
140	-0.000183	0.000166	-0.006233	-0.000655	0.000300	-0.000097	0.000120	0.000372	-0.000026
141	-0.000283	0.000307	-0.001228	-0.000348	0.000152	-0.000164	0.000093	0.000125	0.000148
142	-0.000249	0.000291	-0.000622	-0.000105	0.000002	-0.000105	0.000035	0.000205	-0.000026
143	-0.000345	0.000293	0.000606	0.000003	-0.000093	-0.000082	0.000023	0.000207	-0.000053
144	-0.001157	0.000775	0.004751	-0.000086	-0.000366	-0.000259	0.000237	0.000120	0.000361
145	-0.001562	0.000621	0.002699	-0.000106	-0.000283	-0.000141	0.000094	0.000197	0.000243
146	-0.000861	0.000709	0.001363	-0.000021	-0.000157	-0.000041	0.000053	0.000032	0.000135
147	0.000081	0.000427	-0.000452	-0.000029	-0.000024	0.000119	0.000002	-0.000006	-0.000062
148	0.001143	-0.002772	0.002386	0.000068	-0.000448	0.000024	0.000204	-0.000040	0.000197
149	0.001315	-0.000292	0.007964	0.000162	-0.000705	0.000769	0.000212	-0.001689	0.001237
150	-0.002398	-0.000429	0.007400	0.000141	-0.000757	-0.000073	0.000478	-0.000575	0.000786
151	-0.000742	0.000658	0.009517	0.000791	-0.001114	-0.000192	0.000557	-0.000530	0.000479
152	0.000360	0.000199	0.004172	0.000601	-0.000440	-0.000605	0.000061	0.000095	0.000274
153	0.000764	-0.000494	0.033386	-0.002051	-0.000612	-0.002058	0.000947	0.001231	0.002583
154	-0.000102	0.000083	-0.008084	-0.001039	0.000451	0.000107	0.000065	0.000304	0.000128
155	0.000025	-0.000133	0.001466	-0.000067	-0.000177	-0.000089	0.000088	0.000226	0.000027
156	-0.001283	-0.005312	0.003144	-0.000320	-0.000249	-0.000020	0.000178	-0.000231	0.000646
157	0.000241	-0.000012	-0.010196	-0.007229	-0.001317	-0.001730	0.002238	0.001994	0.006161
158	-0.000253	0.000351	-0.000167	-0.000095	0.000063	0.000039	0.000002	-0.000014	0.000006
159	-0.000664	0.001050	0.001835	0.000700	-0.000226	-0.000313	-0.000072	0.000143	-0.000241
160	-0.000505	0.000793	0.002045	0.000759	-0.000323	-0.000331	-0.000052	0.000164	-0.000225
161	0.000181	-0.000141	0.000617	0.000319	-0.000101	-0.000093	-0.000009	0.000034	-0.000151
162	0.000012	-0.000058	-0.000343	-0.000031	0.000020	-0.000016	0.000035	0.000071	-0.000076
163	0.001029	-0.001075	0.000898	0.000558	-0.000159	-0.000215	-0.000102	0.000113	-0.000201
164	0.000401	-0.000407	0.014563	0.000224	-0.000512	0.001562	-0.000889	-0.002692	0.002250
165	-0.000008	-0.000097	-0.016814	-0.000314	-0.000391	-0.000589	0.000836	0.001749	-0.001258
166	-0.000097	0.000259	0.001889	0.000497	-0.001501	-0.000552	0.000776	0.000316	0.000470
167	-0.000415	0.000417	-0.003032	-0.000580	0.000254	-0.000260	0.000155	0.000261	0.000183
168	0.000021	-0.000067	-0.001002	-0.000068	0.000005	0.000024	-0.000003	0.000056	-0.000013
169	0.000468	-0.000427	-0.000121	0.000215	0.000033	0.000190	-0.000059	-0.000289	-0.000101
170	-0.001381	0.000410	-0.003644	-0.000492	0.000395	-0.000076	-0.000028	-0.000150	0.000353
171	0.001200	-0.001386	-0.002093	-0.000163	0.000201	0.000069	-0.000076	-0.000014	-0.000020
172	-0.003930	0.003735	-0.001373	-0.000197	0.000238	-0.000124	-0.000085	-0.000002	0.000169

173	-0.001860	0.000925	-0.000797	0.000037	-0.000166	0.000458	0.000157	-0.000843	0.000352
174	-0.000168	-0.000018	-0.012685	-0.001169	0.001453	0.000581	-0.000599	-0.000123	-0.000140
175	-0.000633	-0.000865	0.010052	0.003454	-0.002493	0.000088	0.000662	-0.000573	-0.001170
176	-0.000457	0.000353	-0.014146	-0.001534	0.000791	-0.000751	0.000627	0.000728	0.000171
177	-0.000102	0.000200	-0.005572	0.000088	0.000072	-0.000034	-0.000071	0.000779	-0.000819
178	0.000548	-0.000282	0.001854	0.000828	-0.000267	0.000197	-0.000178	0.000010	-0.000600
179	0.001336	-0.001174	-0.002907	-0.000252	0.000196	0.000184	-0.000002	-0.000009	-0.000117
180	-0.004651	0.005654	-0.006874	-0.000333	0.000767	0.000363	-0.000390	0.000121	-0.000533
181	0.001579	-0.003364	-0.007429	0.000123	0.001037	-0.000068	-0.000475	-0.000192	-0.000438
182	0.000753	-0.001964	0.034648	0.008504	-0.005332	-0.002062	0.001843	0.002415	-0.005333
183	0.000001	-0.000102	0.022821	-0.006005	0.003157	0.002908	-0.002094	-0.005588	0.007514
184	-0.000135	0.000399	0.002405	0.000908	-0.000274	-0.000377	-0.000063	0.000155	-0.000359
185	-0.000890	0.001257	0.002078	0.000738	-0.000276	-0.000357	-0.000078	0.000156	-0.000195
186	-0.000032	-0.000043	-0.000875	-0.000390	0.000119	0.000130	0.000023	-0.000051	0.000171
187	0.000735	-0.000960	-0.001519	-0.000488	0.000264	0.000288	0.000050	-0.000138	0.000033
188	0.000340	-0.000680	-0.002145	-0.000782	0.000173	0.000327	0.000070	-0.000125	0.000347
189	0.000012	0.000015	-0.000127	-0.000032	0.000028	0.000016	-0.000016	-0.000004	0.000008
190	-0.000064	-0.000047	-0.000068	-0.000165	-0.000048	-0.000033	0.000021	0.000020	0.000205
191	-0.000013	-0.000004	-0.000528	-0.000134	-0.000098	0.000064	-0.000006	0.000041	0.000136
192	0.000011	0.000040	-0.000181	0.000032	0.000026	0.000005	-0.000017	0.000014	-0.000061
193	0.000007	0.000079	0.000228	0.000061	-0.000001	-0.000005	0.000009	-0.000041	-0.000024
194	-0.000087	-0.000003	0.000219	-0.000089	-0.000026	-0.000019	-0.000005	-0.000011	0.000151
195	-0.000017	0.000033	-0.000064	0.000129	0.000019	0.000037	-0.000056	-0.000020	-0.000113
196	-0.000001	-0.000044	-0.000065	-0.000003	0.000014	0.000012	-0.000011	0.000020	-0.000030
197	-0.000011	0.000047	-0.000069	0.000011	-0.000001	-0.000001	0.000010	0.000003	-0.000022
198	-0.000010	0.000027	-0.000026	-0.000021	-0.000014	0.000003	0.000004	0.000011	0.000018
199	-0.000016	0.000020	0.000041	0.000022	-0.000006	0.000001	-0.000008	0.000002	-0.000011
200	0.000005	0.000003	0.000062	0.000012	0.000010	0.000011	-0.000029	-0.000012	0.000007
201	0.000020	0.000021	-0.000088	-0.000130	-0.000044	0.000020	0.000025	-0.000015	0.000143
202	-0.000045	0.000101	0.000075	0.000098	-0.000039	0.000031	0.000001	-0.000041	-0.000052
203	-0.000020	0.000154	0.000071	0.000086	0.000029	0.000001	-0.000003	-0.000045	-0.000070
204	0.000043	0.000042	-0.000046	0.000064	0.000005	-0.000012	0.000016	0.000009	-0.000083
205	0.000026	-0.000074	-0.000099	0.000005	-0.000017	0.000005	0.000039	-0.000028	-0.000002
206	-0.000085	0.000017	0.000152	0.000017	-0.000036	0.000034	-0.000017	-0.000030	0.000034
207	0.000008	-0.000034	-0.000028	-0.000010	0.000004	0.000001	0.000007	-0.000020	0.000017
208	0.000006	0.000009	0.000012	0.000025	-0.000005	0.000001	0.000012	-0.000015	-0.000018
209	-0.000004	-0.000009	0.000023	0.000006	-0.000004	0.000005	0.000001	-0.000003	-0.000006
210	-0.000001	0.000010	0.000029	0.000044	-0.000003	0.000000	0.000013	-0.000017	-0.000037
211	-0.000018	0.000031	0.000010	-0.000006	0.000009	0.000003	-0.000007	-0.000005	0.000007
212	-0.001633	0.002251	-0.000056	-0.000020	-0.000057	-0.000020	0.000029	-0.000061	0.000129
213	0.001657	0.003666	-0.000569	-0.000030	0.000006	-0.000001	0.000011	0.000023	-0.000009
214	0.003805	-0.002917	-0.000033	0.000119	-0.000014	0.000015	0.000002	-0.000025	-0.000100
215	-0.002559	0.000118	0.000348	0.000014	0.000020	-0.000040	-0.000008	-0.000008	0.000021
216	0.003993	-0.004740	0.000307	0.000018	-0.000024	-0.000028	0.000041	-0.000074	0.000065
217	-0.001802	0.000633	-0.000173	0.000050	-0.000009	-0.000012	-0.000001	0.000005	-0.000037
218	0.000328	-0.000259	0.000043	-0.000008	-0.000030	-0.000010	0.000027	-0.000011	0.000033
219	-0.000016	-0.000125	-0.000073	-0.000011	-0.000001	0.000004	0.000018	-0.000018	0.000008
220	0.000065	0.000039	-0.000007	-0.000021	0.000002	0.000007	0.000002	-0.000014	0.000024
221	0.000535	-0.000845	0.000056	0.000005	0.000008	-0.000014	0.000006	-0.000009	0.000003
222	-0.000417	0.000895	0.000121	-0.000026	-0.000002	-0.000021	-0.000006	0.000012	0.000042

223	0.000004	-0.000024	0.041313	-0.001395	0.001776	-0.001154	-0.002383	-0.001720	0.000012
224	-0.000042	-0.000048	-0.013531	-0.002064	0.002686	-0.001357	0.002364	0.000014	0.000165
225	-0.000065	0.000075	0.000629	0.001899	-0.005415	0.001635	0.001713	0.003598	-0.000492
226	0.000028	-0.000071	0.000522	-0.003014	-0.001333	-0.002098	0.002601	-0.002326	0.001956
227	-0.000010	-0.000121	-0.011598	0.001936	0.001627	0.000449	-0.003296	0.004522	-0.005577
228	-0.000046	0.000054	0.043037	0.003590	0.002470	0.001035	-0.001014	0.000606	-0.001835
229	-0.000008	-0.000013	-0.004104	0.002233	-0.001543	-0.000093	-0.000206	0.000393	-0.000733
230	-0.000011	0.000008	-0.000233	-0.000653	0.000883	-0.000201	-0.000397	0.000123	0.000151
231	-0.000014	0.000024	-0.000089	0.000208	-0.000075	-0.000170	0.000387	0.000052	-0.000394
232	-0.000005	0.000020	-0.000298	0.000223	0.000230	-0.000356	0.000010	0.000766	-0.000781
233	-0.000006	-0.000026	-0.007919	-0.000327	0.000069	-0.000479	0.000327	0.000015	0.000351
234	-0.000123	0.000140	0.001284	0.000224	0.000007	-0.000048	0.000024	-0.000142	-0.000069
235	-0.000021	-0.000064	-0.001612	-0.000276	-0.000154	0.000107	-0.000031	0.000153	0.000204
236	0.000036	-0.000146	-0.000138	-0.000117	0.000023	-0.000005	-0.000021	0.000064	0.000057
237	0.000053	-0.000035	-0.000233	0.000000	0.000011	0.000024	-0.000012	0.000003	-0.000025
238	-0.000002	0.000042	0.000062	0.000032	0.000009	-0.000017	0.000021	-0.000010	-0.000035
239	0.000017	0.000035	0.000130	0.000035	0.000019	-0.000025	0.000022	-0.000021	-0.000031
240	-0.000010	0.000041	-0.000066	-0.000007	-0.000025	0.000014	0.000004	-0.000001	0.000015
241	-0.000013	0.000040	-0.000041	-0.000017	-0.000025	0.000017	0.000000	-0.000001	0.000026
242	0.000013	-0.000055	-0.000078	0.000005	0.000004	0.000010	-0.000014	0.000018	-0.000022
243	-0.000006	-0.000025	-0.000007	0.000016	0.000001	0.000014	-0.000022	0.000005	-0.000013
244	0.000012	-0.000013	0.000398	0.000050	0.000063	-0.000044	0.000008	-0.000025	-0.000052
245	0.000043	0.000039	0.000299	0.000055	0.000069	-0.000045	0.000020	-0.000044	-0.000056
246	0.000138	-0.000367	-0.000270	-0.000076	-0.000058	0.000012	0.000082	-0.000006	0.000051
247	-0.000159	0.000362	0.000264	0.000133	-0.000085	0.000079	-0.000025	-0.000115	0.000006
248	-0.000057	0.000025	0.000087	-0.000071	0.000034	-0.000012	-0.000042	0.000031	0.000058
249	-0.000056	0.000102	0.000064	0.000001	0.000025	-0.000011	-0.000024	0.000013	-0.000007
250	0.000046	-0.000011	-0.000050	0.000000	-0.000004	-0.000005	0.000011	0.000007	-0.000009
251	0.000050	-0.000021	-0.000038	0.000005	0.000018	-0.000016	0.000008	0.000013	-0.000027
252	0.000006	0.000002	-0.000010	0.000051	-0.000007	0.000009	0.000007	-0.000018	-0.000042
253	0.000009	0.000004	-0.000012	0.000045	-0.000010	0.000009	0.000008	-0.000017	-0.000036
254	-0.000034	0.000060	0.000053	0.000014	0.000013	-0.000001	-0.000011	-0.000006	-0.000010
255	-0.000042	0.000059	0.000041	0.000028	-0.000004	0.000003	0.000001	-0.000019	-0.000011
256	0.000059	-0.000084	-0.000079	-0.000023	0.000039	-0.000035	0.000006	0.000039	-0.000025
257	0.000040	-0.000133	-0.000045	-0.000108	0.000037	-0.000031	-0.000022	0.000077	0.000051
258	-0.003279	-0.003522	0.000978	-0.000129	-0.000015	-0.000079	0.000099	-0.000149	0.000270
259	0.002258	0.000995	-0.001854	0.000163	0.000020	0.000081	-0.000003	0.000039	-0.000300
260	0.001487	0.001159	-0.000102	-0.000032	-0.000021	0.000024	-0.000047	0.000059	0.000018
261	0.001122	0.001733	-0.000097	0.000027	-0.000008	0.000018	-0.000026	0.000043	-0.000054
262	-0.000830	0.001376	0.000118	-0.000029	0.000011	-0.000011	0.000009	-0.000004	0.000025
263	-0.000996	0.000844	0.000228	-0.000014	0.000010	-0.000020	-0.000002	-0.000001	0.000028
264	0.000421	-0.000860	-0.000143	0.000021	0.000005	0.000007	0.000014	-0.000018	-0.000029
265	0.000078	-0.001121	-0.000107	0.000017	-0.000002	0.000009	0.000015	-0.000021	-0.000018
266	0.001260	-0.002047	-0.000031	0.000039	0.000013	0.000006	-0.000015	0.000017	-0.000060
267	0.002293	-0.002394	-0.000053	0.000028	0.000009	0.000008	-0.000007	0.000006	-0.000044
268	-0.001679	0.000366	0.000554	-0.000025	-0.000012	-0.000024	-0.000012	0.000008	0.000064
269	-0.001780	0.002949	0.000513	-0.000065	-0.000010	-0.000021	-0.000025	0.000022	0.000099
270	0.000062	-0.000307	0.040076	0.002668	0.005935	0.003154	-0.003589	-0.004226	-0.004390
271	-0.000114	0.000236	0.019186	-0.004680	0.000731	-0.001267	0.001944	0.002291	0.002199
272	0.000013	0.000238	-0.007442	-0.000070	-0.002052	-0.000998	0.001061	0.001664	0.002099

273	-0.000016	0.000152	-0.010379	0.000644	-0.002733	-0.000968	0.001481	0.000957	0.001902
274	0.000006	-0.000141	-0.007807	-0.000905	0.001331	-0.000013	-0.000640	-0.001126	0.000097
275	0.000009	-0.000142	-0.006703	-0.000087	0.000383	-0.000069	-0.000447	-0.001230	-0.000454
276	-0.000012	-0.000039	0.001424	-0.000360	-0.000980	0.000469	0.001528	-0.000200	-0.000430
277	-0.000004	-0.000016	0.001615	-0.000788	-0.000565	0.000973	0.001290	-0.000442	-0.000255
278	0.000000	0.000149	-0.005651	-0.000543	-0.001473	-0.000510	0.000405	0.000957	0.001195
279	-0.000014	0.000162	-0.005098	-0.000024	-0.000759	-0.000298	0.000243	0.002675	0.000559
280	0.000026	-0.000163	-0.013635	0.001851	-0.000347	0.000021	-0.001330	-0.000621	-0.002831
281	0.000043	-0.000130	-0.005835	0.001226	0.000421	0.000178	-0.001252	-0.000557	0.000003
282	0.000049	-0.000393	0.000646	-0.000058	-0.000140	-0.000127	0.000114	0.000056	0.000160
283	-0.000011	-0.000126	-0.000096	0.000012	-0.000038	-0.000034	0.000054	0.000059	-0.000050
284	-0.000002	0.000052	0.000029	-0.000005	-0.000005	0.000025	-0.000026	-0.000026	0.000036
285	0.000001	-0.000027	0.000023	-0.000044	-0.000001	0.000006	-0.000016	0.000000	0.000055
286	0.000000	0.000001	0.000006	-0.000045	0.000013	0.000022	-0.000019	-0.000011	0.000040
287	0.000000	0.000058	-0.000181	0.000024	0.000009	0.000052	-0.000006	-0.000040	-0.000039
288	-0.000065	0.000198	-0.000366	-0.000069	0.000135	0.000027	-0.000022	-0.000012	-0.000059
289	0.000034	0.000001	-0.000043	0.000014	0.000051	0.000006	-0.000005	-0.000026	-0.000041
290	-0.000010	0.000002	0.000054	-0.000005	-0.000028	0.000000	0.000007	-0.000003	0.000030
291	-0.000004	0.000032	-0.000016	0.000026	-0.000002	-0.000001	0.000007	-0.000008	-0.000023
292	0.000001	0.000033	0.000006	0.000022	-0.000007	0.000000	-0.000002	0.000005	-0.000018
293	-0.000014	-0.000074	0.000105	-0.000024	-0.000052	0.000004	0.000001	0.000010	0.000061
294	-0.065978	-0.003214	-0.000355	-0.000024	0.000064	0.000120	-0.000073	-0.000038	-0.000052
295	0.007374	-0.002870	-0.000238	-0.000027	0.000041	0.000040	-0.000013	-0.000011	-0.000029
296	0.007810	-0.053033	0.000106	0.000064	-0.000007	-0.000018	0.000002	0.000005	-0.000047
297	-0.051382	-0.024529	-0.000005	0.000025	0.000000	-0.000010	0.000004	0.000002	-0.000020
298	-0.024577	0.024171	-0.000030	0.000009	-0.000018	-0.000012	0.000015	0.000001	0.000005
299	0.024811	0.046596	0.000028	-0.000005	-0.000061	-0.000018	0.000034	0.000020	0.000031
300	0.000047	-0.000235	0.003983	0.000494	0.067640	0.035665	-0.035022	-0.069065	-0.001119
301	0.000027	-0.000005	0.015802	0.046044	0.024925	-0.024482	-0.053411	0.004164	0.002544
302	-0.000012	-0.000032	-0.005393	-0.023312	0.024223	0.053040	-0.006153	0.007611	-0.053946
303	-0.000003	-0.000014	-0.000104	0.024924	0.051505	-0.009883	0.009429	-0.050437	-0.025308
304	-0.000016	0.000000	0.002831	0.053001	-0.007882	0.007058	-0.053623	-0.024315	0.024386
305	-0.000007	0.000044	0.014537	0.000628	0.005985	-0.053754	-0.024236	0.024185	0.046790
306	0.000019	-0.000150	-0.000695	0.000065	-0.000033	0.000021	0.000139	-0.000054	-0.000134
307	0.000021	-0.000193	0.000306	-0.000046	-0.000013	-0.000077	0.000032	0.000033	0.000073
308	0.000002	-0.000048	0.000011	-0.000007	-0.000055	0.000003	0.000021	0.000003	0.000035
309	-0.000002	0.000019	0.000038	-0.000004	0.000005	-0.000002	-0.000005	0.000000	0.000006
310	0.000008	0.000001	0.000106	-0.000009	0.000021	-0.000011	-0.000019	0.000003	0.000015
311	-0.000008	0.000077	-0.000126	0.000035	0.000010	0.000015	-0.000005	-0.000028	-0.000027
312	-0.000020	0.000142	-0.000335	0.000030	0.000032	0.000071	-0.000024	-0.000010	-0.000100
313	-0.000045	-0.000093	0.000400	0.000055	0.000053	-0.000002	-0.000027	-0.000046	-0.000030
314	-0.000026	0.000187	-0.000235	0.000007	0.000088	0.000007	0.000000	-0.000027	-0.000077
315	-0.000012	-0.000037	0.000011	-0.000016	-0.000001	0.000007	-0.000002	-0.000004	0.000016
316	0.000011	0.000016	-0.000001	-0.000004	0.000000	-0.000001	-0.000005	0.000007	0.000002
317	-0.000009	0.000033	-0.000033	0.000017	0.000005	-0.000005	0.000007	0.000001	-0.000025
318	-0.000008	-0.000038	0.000052	-0.000021	-0.000020	-0.000001	0.000005	-0.000008	0.000046
319	0.000044	-0.000159	0.000208	0.000017	-0.000071	-0.000007	-0.000006	0.000031	0.000037
320	0.000249	0.000043	-0.000622	-0.000152	0.000078	0.000003	0.000034	-0.000009	0.000046
321	-0.001513	-0.098366	-0.000308	-0.000008	0.000036	0.000042	-0.000030	0.000003	-0.000044
322	0.013033	-0.002012	0.000026	0.000040	0.000004	0.000022	-0.000006	-0.000016	-0.000044

323	0.000685	0.013760	0.000029	-0.000006	0.000012	-0.000009	-0.000006	-0.000001	0.000010
324	-0.104277	0.003031	0.000032	-0.000019	0.000000	-0.000003	-0.000005	0.000002	0.000025
325	0.196334	-0.102718	0.000049	0.000062	-0.000011	-0.000014	0.000009	0.000012	-0.000059
326	-0.102718	0.185212	0.000170	-0.000068	-0.000041	-0.000038	0.000038	0.000000	0.000111
327	0.000049	0.000170	0.115641	0.004310	-0.000988	-0.004193	-0.002983	-0.006858	0.010531
328	0.000062	-0.000068	0.004310	0.184557	-0.103663	0.002942	0.013324	-0.001204	-0.097028
329	-0.000011	-0.000041	-0.000988	-0.103663	0.197525	-0.104191	0.000794	0.012277	-0.001692
330	-0.000014	-0.000038	-0.004193	0.002942	-0.104191	0.193195	-0.105659	-0.000174	0.013564
331	0.000009	0.000038	-0.002983	0.013324	0.000794	-0.105659	0.192296	-0.102549	0.001842
332	0.000012	0.000000	-0.006858	-0.001204	0.012277	-0.000174	-0.102549	0.197315	-0.104101
333	-0.000059	0.000111	0.010531	-0.097028	-0.001692	0.013564	0.001842	-0.104101	0.186219