

Č. ref. bodu	SO2 - roční stávající průměrná	SO2 - roční stávající maximální	SO2 - přeložky roční průměrná	SO2 - přeložky roční maximální	SO2 - denní stávající max. koncentrace	SO2 - přeložky denní max. koncentrace	Stávající pozadí roční	Stávající pozadí denní	Roční nárůst ve srovnání se stávajícím	Denní nárůst ve srovnání se stávajícím
	koncentrace [µg/m³]	koncentrace [µg/m³]	koncentrace [µg/m³]	koncentrace [µg/m³]	[µg/m³]	[µg/m³]	[µg/m³]	[µg/m³]	stavem [µg/m³]	stavem [µg/m³]
1	0.000371671	0.012986456	0.00042176	0.014836106	0.009660625	0.01103658	4	12	5.00885E-05	0.001375955
2	0.000388938	0.012524554	0.000441345	0.014398529	0.009317016	0.010711066	4	12	5.24073E-05	0.00139405
3	0.000401366	0.011816875	0.000455088	0.013602934	0.008790573	0.010119223	4	12	5.37219E-05	0.00132865
4	0.000428354	0.012053124	0.000485266	0.013662051	0.008966319	0.0101632	4	12	5.69118E-05	0.00119688
5	0.000444895	0.011894609	0.000503476	0.013558242	0.008848399	0.010085977	4	12	5.85815E-05	0.001237577
6	0.000462186	0.011791271	0.000522738	0.013978847	0.008771527	0.010398864	4	12	6.05519E-05	0.001627338
7	0.000476543	0.011483934	0.000536207	0.013933227	0.008542898	0.010364927	4	12	5.96641E-05	0.001822029
8	0.0004965	0.011521723	0.00055702	0.014428034	0.008571009	0.010733015	4	12	6.05201E-05	0.002162005
9	0.000516536	0.011326213	0.000575598	0.014426995	0.00842557	0.010732241	4	12	5.90625E-05	0.002306672
10	0.000540478	0.011237506	0.000598658	0.01444505	0.00835958	0.010745673	4	12	5.81798E-05	0.002386092
11	0.000571807	0.011117853	0.000628278	0.014341127	0.008270571	0.010668364	4	12	5.64706E-05	0.002397793
12	0.000618	0.011208323	0.000675056	0.014412388	0.008337871	0.010721375	4	12	5.70558E-05	0.002383504
13	0.000692582	0.011337706	0.000746774	0.01421695	0.00843412	0.010575989	4	12	5.41916E-05	0.002141869
14	0.000848581	0.012233496	0.000900595	0.014287369	0.009100497	0.010628374	4	12	5.20143E-05	0.001527877
15	0.001272621	0.017399396	0.001363746	0.016386706	0.012943411	0.012190071	4	12	9.11254E-05	-0.00075334
16	0.001998683	0.018147476	0.001972761	0.01804735	0.013499907	0.013425423	4	12	-2.59216E-05	-7.4484E-05
17	0.00149024	0.018460622	0.001424879	0.020150525	0.013732856	0.014989975	4	12	-6.5361E-05	0.001257119
18	0.001004326	0.027302444	0.000991651	0.026741383	0.020310288	0.019892915	4	12	-1.26754E-05	-0.000417373
19	0.000730059	0.019790086	0.000741165	0.018876137	0.014721845	0.014041958	4	12	1.11061E-05	-0.000679887
20	0.000596443	0.015345986	0.00062425	0.016326467	0.011415879	0.012145259	4	12	2.7807E-05	0.00072938
21	0.000516015	0.012939736	0.000546904	0.015288123	0.00962587	0.011372835	4	12	3.08891E-05	0.001746965
22	0.000460402	0.011803923	0.000492474	0.014752239	0.008780938	0.010974191	4	12	3.20716E-05	0.002193252
23	0.000419316	0.011482244	0.000452078	0.014759129	0.008541641	0.010979316	4	12	3.27617E-05	0.002437675
24	0.000383744	0.011423023	0.000415186	0.0146272	0.008497587	0.010881174	4	12	3.14422E-05	0.002383587
25	0.000350093	0.011031382	0.000379976	0.014091744	0.008206245	0.010482848	4	12	2.98828E-05	0.002276603
26	0.000324198	0.011006304	0.000352582	0.013972521	0.00818759	0.010394159	4	12	2.83842E-05	0.002206569
27	0.000297476	0.010544026	0.000323561	0.013254362	0.007843701	0.00985992	4	12	2.60847E-05	0.002016219
28	0.000279165	0.010921873	0.000304399	0.01359314	0.008124781	0.010111937	4	12	2.52342E-05	0.001987156
29	0.000263007	0.011304241	0.000287337	0.013871495	0.008409225	0.010319005	4	12	2.43305E-05	0.00190978
30	0.000247773	0.011636442	0.000270768	0.013988736	0.008656349	0.010406221	4	12	2.29942E-05	0.001749872
31	0.00040914	0.014265997	0.000465598	0.016226892	0.010612475	0.012071185	4	12	5.64582E-05	0.001458709
32	0.000433417	0.013883229	0.000494171	0.016057771	0.010327734	0.011945376	4	12	6.07534E-05	0.001617642
33	0.000459035	0.013477356	0.000522557	0.015658053	0.010025805	0.011648026	4	12	6.35217E-05	0.001622221
34	0.000482383	0.013260116	0.000549522	0.015327013	0.0098642	0.011401765	4	12	6.71388E-05	0.001537565
35	0.000499242	0.012697427	0.000567743	0.014475664	0.009445616	0.010768446	4	12	6.85011E-05	0.00132283
36	0.000521218	0.012690197	0.000592552	0.014821755	0.009440237	0.011025903	4	12	7.13348E-05	0.001585666
37	0.000540699	0.012441204	0.000613623	0.015211695	0.009255011	0.01131598	4	12	7.29237E-05	0.002060969
38	0.000559851	0.012176245	0.000632264	0.015303231	0.009057909	0.011384073	4	12	7.24135E-05	0.002326165
39	0.000581036	0.011940621	0.000652249	0.01535053	0.008882628	0.01141926	4	12	7.12126E-05	0.002536632
40	0.000606758	0.011854238	0.000677087	0.015323769	0.008818368	0.011399352	4	12	7.03284E-05	0.002580984
41	0.00063961	0.011850882	0.00071015	0.015419807	0.008815871	0.011470794	4	12	7.05396E-05	0.002654923
42	0.000681149	0.01185382	0.000754307	0.015445048	0.008818057	0.011489571	4	12	7.31576E-05	0.002671514
43	0.000735198	0.011785165	0.000810617	0.015299493	0.008766984	0.011381293	4	12	7.54185E-05	0.002614308
44	0.000809331	0.012744089	0.000888872	0.015052492	0.009480328	0.011197549	4	12	7.95405E-05	0.001717221
45	0.000915113	0.013999771	0.001003086	0.015369536	0.01041443	0.011433398	4	12	8.79731E-05	0.001018968
46	0.001040672	0.015844474	0.001091068	0.016831587	0.011786704	0.012521017	4	12	5.03956E-05	0.000734313
47	0.001176852	0.020864343	0.001257301	0.022700338	0.015520985	0.016886781	4	12	8.04491E-05	0.001365796
48	0.001209498	0.032259051	0.001269046	0.028779062	0.023997508	0.021408744	4	12	5.95483E-05	-0.002588764
49	0.000887083	0.019994179	0.000903823	0.019663161	0.01487367	0.014627425	4	12	1.67404E-05	-0.000246245
50	0.000710628	0.016089858	0.000738233	0.018959337	0.011969245	0.014103851	4	12	2.76053E-05	0.002134606
51	0.000600484	0.013899032	0.00063423	0.017598792	0.01033949	0.013091742	4	12	3.37468E-05	0.002752251

52	0.000525913	0.012843536	0.000562541	0.016858954	0.009554307	0.012541376	4	12	3.66275E-05	0.002987069
53	0.000462986	0.012037415	0.000498362	0.015592638	0.008954633	0.011599364	4	12	3.53761E-05	0.002644731
54	0.000420954	0.012073574	0.00045532	0.015576208	0.008981532	0.011587141	4	12	3.4366E-05	0.002605609
55	0.000385211	0.012011604	0.000417663	0.01537258	0.008935432	0.011435662	4	12	3.24525E-05	0.00250023
56	0.000356134	0.012242522	0.000387155	0.01558822	0.009107212	0.011596077	4	12	3.10206E-05	0.002488865
57	0.000328529	0.012156826	0.000357982	0.01527262	0.009043463	0.011361302	4	12	2.94537E-05	0.002317839
58	0.000304297	0.012249936	0.000331883	0.015146835	0.009112727	0.011267731	4	12	2.75866E-05	0.002155003
59	0.000283541	0.012408174	0.000309938	0.015010972	0.00923044	0.011166662	4	12	2.63966E-05	0.001936222
60	0.000263386	0.012437133	0.00028851	0.014867564	0.009251983	0.011059981	4	12	2.51237E-05	0.001807998
61	0.000451996	0.016006293	0.000515732	0.017891518	0.011907081	0.013309501	4	12	6.37366E-05	0.001402419
62	0.00048007	0.015160742	0.000548156	0.017466997	0.011278076	0.012993699	4	12	6.8086E-05	0.001715623
63	0.000514711	0.014784145	0.000588099	0.017391839	0.010997925	0.012937789	4	12	7.33879E-05	0.001939863
64	0.000544539	0.014470248	0.000623694	0.017115553	0.010764417	0.01273226	4	12	7.91549E-05	0.001967843
65	0.000569845	0.014003557	0.000652998	0.016305559	0.010417246	0.012129705	4	12	8.3153E-05	0.001712459
66	0.000591239	0.013542535	0.000676471	0.015637221	0.010074292	0.011632529	4	12	8.52316E-05	0.001558237
67	0.000617061	0.013446775	0.000707288	0.016440431	0.010003056	0.012230037	4	12	9.02274E-05	0.00222698
68	0.000636932	0.012974019	0.000725396	0.016320979	0.009651373	0.012141176	4	12	8.84642E-05	0.002489804
69	0.000659416	0.012689457	0.000746696	0.016343478	0.009439687	0.012157913	4	12	8.72801E-05	0.002718226
70	0.000683704	0.012415502	0.000768392	0.016161815	0.009235892	0.012022774	4	12	8.46874E-05	0.002786883
71	0.000719398	0.012641155	0.000807296	0.01661243	0.009403755	0.012357987	4	12	8.78984E-05	0.002954232
72	0.000754229	0.012499765	0.000843308	0.016180663	0.009298575	0.012036795	4	12	8.90783E-05	0.00273822
73	0.000800231	0.01246714	0.000892643	0.016322122	0.009274305	0.012142026	4	12	9.24126E-05	0.002867721
74	0.000857753	0.012683305	0.000950477	0.015903781	0.00943511	0.011830823	4	12	9.27242E-05	0.002395712
75	0.000935062	0.013862027	0.001027496	0.016261427	0.010311962	0.012096876	4	12	9.24338E-05	0.001784914
76	0.001007231	0.017155107	0.001087419	0.01787694	0.012761684	0.013298655	4	12	8.01887E-05	0.000536971
77	0.001101219	0.024776921	0.001209973	0.026738159	0.018431551	0.019890517	4	12	0.000108754	0.001458965
78	0.001148069	0.031632895	0.001153405	0.028728209	0.023531711	0.021370915	4	12	5.33595E-06	-0.002160796
79	0.000879351	0.019425732	0.000932822	0.02125683	0.014450802	0.015812956	4	12	5.34709E-05	0.001362154
80	0.000756514	0.01592808	0.000812478	0.020194372	0.011848899	0.015022593	4	12	5.59643E-05	0.003173694
81	0.000659918	0.014597434	0.000713422	0.019737914	0.010859031	0.014683034	4	12	5.35044E-05	0.003824003
82	0.000582021	0.014282886	0.000629161	0.019078469	0.010625039	0.014192473	4	12	4.71402E-05	0.003567434
83	0.000516669	0.013694347	0.000558963	0.018012674	0.010187225	0.013399628	4	12	4.22942E-05	0.003212403
84	0.000465685	0.013477163	0.00050486	0.017531773	0.010025661	0.013041886	4	12	3.91746E-05	0.003016225
85	0.000422602	0.013249592	0.000458745	0.017109219	0.009856372	0.012727548	4	12	3.61428E-05	0.002871176
86	0.000384472	0.012999181	0.000418114	0.016470559	0.009670091	0.012252449	4	12	3.36424E-05	0.002582358
87	0.000353982	0.013127774	0.000385792	0.016290173	0.009765751	0.012118259	4	12	3.18108E-05	0.002352509
88	0.000325724	0.013186355	0.000356003	0.016145253	0.00980933	0.012010454	4	12	3.0279E-05	0.002201124
89	0.000300307	0.013190184	0.000328555	0.015749987	0.009812178	0.011716415	4	12	2.82485E-05	0.001904238
90	0.000277768	0.013255871	0.000304971	0.015674057	0.009861042	0.011659931	4	12	2.7203E-05	0.001798889
91	0.000501409	0.018384769	0.000573291	0.019782412	0.013676429	0.014716137	4	12	7.18824E-05	0.001039707
92	0.000537638	0.017287881	0.000615557	0.019385842	0.012860455	0.014421128	4	12	7.79194E-05	0.001560673
93	0.000582367	0.016661874	0.000667748	0.019474461	0.012394768	0.014487051	4	12	8.53804E-05	0.002092283
94	0.000617614	0.015689816	0.000709156	0.018863966	0.011671654	0.014032904	4	12	9.15416E-05	0.00236125
95	0.000654072	0.015312475	0.000753678	0.018388311	0.01139095	0.013679064	4	12	9.96052E-05	0.002288114
96	0.000685444	0.014967045	0.000792659	0.017635632	0.011133985	0.013119147	4	12	0.000107215	0.001985162
97	0.000716256	0.014722364	0.000829565	0.017973128	0.010951966	0.01337021	4	12	0.000113309	0.002418244
98	0.000739045	0.01416307	0.00085296	0.017932268	0.010535908	0.013339814	4	12	0.000113916	0.002803906
99	0.000767612	0.014066315	0.000883377	0.018587792	0.010463932	0.013827459	4	12	0.000115765	0.003363527
100	0.000792466	0.013713975	0.000905089	0.018285728	0.010201826	0.013602753	4	12	0.000112622	0.003400928
101	0.000821802	0.013475763	0.000935269	0.018049355	0.01002462	0.013426915	4	12	0.000113468	0.003402294
102	0.000854437	0.013407876	0.000971445	0.017705419	0.009974119	0.013171061	4	12	0.000117008	0.003196943
103	0.000890925	0.013222616	0.001008106	0.017119653	0.009836304	0.01273531	4	12	0.00011718	0.002899006
104	0.000950609	0.013594332	0.001067982	0.017346193	0.010112824	0.012903833	4	12	0.000117373	0.002791009
105	0.001038676	0.014925075	0.001154598	0.017688603	0.011102764	0.013158552	4	12	0.000115922	0.002055789

106	0.001209557	0.016105778	0.001323951	0.017869878	0.011981088	0.013293403	4	12	0.000114394	0.001312314
107	0.001630504	0.033271642	0.001759175	0.035350276	0.024750774	0.02629707	4	12	0.000128671	0.001546296
108	0.001411318	0.02947441	0.001435367	0.02851421	0.021926013	0.021211721	4	12	2.40489E-05	-0.000714293
109	0.001010711	0.01876707	0.001069121	0.022762204	0.013960823	0.016932804	4	12	5.84096E-05	0.002971981
110	0.00082973	0.016008575	0.000890528	0.021774691	0.011908779	0.016198193	4	12	6.07977E-05	0.004289413
111	0.000715575	0.015913373	0.000774183	0.021637442	0.011837958	0.016096093	4	12	5.86084E-05	0.004258135
112	0.000630041	0.015671149	0.000686021	0.021246184	0.011657768	0.015805036	4	12	5.59804E-05	0.004147269
113	0.000560166	0.014992921	0.000611324	0.020070437	0.011153234	0.014930398	4	12	5.11578E-05	0.003777165
114	0.000503571	0.014583929	0.000550145	0.019248083	0.010848985	0.014318649	4	12	4.65742E-05	0.003469664
115	0.000454764	0.014190514	0.000496726	0.018297021	0.010556323	0.013611154	4	12	4.19622E-05	0.00305483
116	0.000412953	0.01413055	0.000450909	0.01772261	0.010511716	0.01318385	4	12	3.79569E-05	0.002672134
117	0.000377442	0.014222625	0.000412327	0.017442101	0.010580211	0.012975179	4	12	3.4885E-05	0.002394968
118	0.000345755	0.014291599	0.000378851	0.017206583	0.010631521	0.012799977	4	12	3.30964E-05	0.002168457
119	0.00031686	0.014170954	0.000347499	0.016674052	0.010541772	0.012403827	4	12	3.06387E-05	0.001862055
120	0.000291483	0.01412216	0.000319911	0.016270865	0.010505475	0.012103896	4	12	2.84271E-05	0.001598421
121	0.000549735	0.021146169	0.000629303	0.021746117	0.015730635	0.016176937	4	12	7.95675E-05	0.000446301
122	0.000606443	0.020402483	0.000695461	0.021594828	0.015177407	0.016064393	4	12	8.90179E-05	0.000886986
123	0.000666246	0.019477197	0.000765815	0.021809055	0.014489087	0.016223756	4	12	9.95682E-05	0.00173467
124	0.000715216	0.017959436	0.000824421	0.021415381	0.013360025	0.015930902	4	12	0.000109205	0.002570877
125	0.000768076	0.017363896	0.000892328	0.021582805	0.012917002	0.016055449	4	12	0.000124252	0.003138447
126	0.000813659	0.017002534	0.000951118	0.020967439	0.012648185	0.015597678	4	12	0.000137459	0.002949493
127	0.000850959	0.016440807	0.000997142	0.019902912	0.012230316	0.014805776	4	12	0.000146183	0.00257546
128	0.000882414	0.015943623	0.001035131	0.020468656	0.011860461	0.015226633	4	12	0.000152717	0.003366172
129	0.000910212	0.01532178	0.001065795	0.021048736	0.011397872	0.015658155	4	12	0.000155584	0.004260283
130	0.000932183	0.01489671	0.001084025	0.02038237	0.011081662	0.015162445	4	12	0.000151843	0.004080783
131	0.000958711	0.014671923	0.00111208	0.0197065	0.010914443	0.014659665	4	12	0.000153369	0.003745222
132	0.000986039	0.014440856	0.001142501	0.019023632	0.010742552	0.01415168	4	12	0.000156462	0.003409128
133	0.001019551	0.014361785	0.001174952	0.018642579	0.010683732	0.013868214	4	12	0.000155401	0.003184482
134	0.001065315	0.01461856	0.001219296	0.019056335	0.010874747	0.014176008	4	12	0.000153981	0.003301261
135	0.001127196	0.015823227	0.001269983	0.019280447	0.011770898	0.014342725	4	12	0.000142786	0.002571826
136	0.001246854	0.018063188	0.001383492	0.019716733	0.013437206	0.014667277	4	12	0.000136638	0.001230072
137	0.001661333	0.032993579	0.001834206	0.034856709	0.024543924	0.025929906	4	12	0.000172873	0.001385982
138	0.001304958	0.017903301	0.001414957	0.020165494	0.013318265	0.015001111	4	12	0.000109999	0.001682846
139	0.001032968	0.015493654	0.001120397	0.020960266	0.011525729	0.015592342	4	12	8.74287E-05	0.004066613
140	0.000878859	0.015617588	0.000955561	0.022174006	0.011617924	0.016495243	4	12	7.6702E-05	0.004877319
141	0.00076738	0.017106327	0.000837028	0.02378073	0.012725397	0.017690485	4	12	6.96478E-05	0.004965089
142	0.000679476	0.016771501	0.000742553	0.022980461	0.01247632	0.017095165	4	12	6.30771E-05	0.004618846
143	0.000606013	0.016299142	0.000663528	0.021978113	0.012124932	0.016349518	4	12	5.75149E-05	0.004224587
144	0.000543368	0.016052327	0.000595946	0.021333266	0.011941326	0.015869817	4	12	5.25772E-05	0.003928491
145	0.00048933	0.015886991	0.000537304	0.020637309	0.011818332	0.015352094	4	12	4.7974E-05	0.003533762
146	0.000440847	0.015464336	0.000483367	0.019202155	0.01150392	0.014284483	4	12	4.25202E-05	0.002780564
147	0.00040093	0.015780192	0.000440681	0.019226051	0.011738885	0.014302259	4	12	3.97501E-05	0.002563375
148	0.000365291	0.015814449	0.000402006	0.018803562	0.011764369	0.013987969	4	12	3.6715E-05	0.002223601
149	0.000333595	0.015653999	0.000366878	0.018037452	0.01164501	0.01341806	4	12	3.32832E-05	0.00177305
150	0.000304816	0.015188684	0.000334382	0.016807639	0.011298862	0.012503203	4	12	2.95659E-05	0.001204341
151	0.000612691	0.026340707	0.000703904	0.026850332	0.019594852	0.019973962	4	12	9.12134E-05	0.00037911
152	0.000687376	0.025291328	0.000789762	0.025286515	0.018814219	0.018810638	4	12	0.000102386	-3.58024E-06
153	0.000771946	0.023914265	0.000887966	0.02437713	0.017789821	0.018134147	4	12	0.00011602	0.000344326
154	0.000855721	0.022346713	0.000990327	0.024650114	0.01662372	0.01833722	4	12	0.000134606	0.0017135
155	0.000934094	0.021033679	0.001093027	0.025626126	0.015646953	0.019063275	4	12	0.000158933	0.003416321
156	0.00099512	0.019663723	0.001175137	0.025379003	0.014627843	0.01887944	4	12	0.000180017	0.004251597
157	0.001048479	0.01876134	0.001245638	0.023854493	0.013956561	0.017745358	4	12	0.000197159	0.003788797
158	0.001086579	0.017832538	0.001300841	0.023716615	0.013265625	0.01764279	4	12	0.000214262	0.004377165
159	0.001105751	0.017042977	0.001323781	0.023601231	0.01267827	0.017556956	4	12	0.00021803	0.004878685

160	0.001124671	0.016517708	0.001339518	0.022827203	0.012287523	0.016981156	4	12	0.000214846	0.004693633
161	0.001143959	0.016017633	0.001361601	0.021368802	0.011915517	0.015896252	4	12	0.000217642	0.003980735
162	0.001167022	0.015700563	0.001389362	0.020574052	0.011679649	0.015305038	4	12	0.000222339	0.003625389
163	0.001196302	0.015713982	0.001413541	0.0207062	0.011689631	0.015403342	4	12	0.000217239	0.003713711
164	0.001225828	0.015931585	0.001431317	0.021061013	0.011851506	0.015667287	4	12	0.000205489	0.003815781
165	0.001243959	0.016748885	0.00143431	0.02153285	0.012459496	0.016018287	4	12	0.000190351	0.003558791
166	0.001234791	0.020582127	0.001393951	0.022101135	0.015311044	0.016441034	4	12	0.00015916	0.00112999
167	0.001379336	0.033487173	0.001534234	0.034678212	0.024911108	0.025797122	4	12	0.000154897	0.000886014
168	0.001158543	0.017656691	0.001293422	0.023811692	0.013134812	0.017713518	4	12	0.000134879	0.004578705
169	0.001055178	0.017918028	0.001163334	0.0256352	0.013329221	0.019070025	4	12	0.000108156	0.005740804
170	0.000930336	0.017899081	0.001022514	0.025374615	0.013315126	0.018876176	4	12	9.21777E-05	0.00556105
171	0.000823578	0.017428966	0.000904526	0.024521809	0.012965408	0.018241774	4	12	8.09487E-05	0.005276366
172	0.000730448	0.017171345	0.000802583	0.02380006	0.012773764	0.017704865	4	12	7.2135E-05	0.004931101
173	0.000651627	0.01730731	0.000715824	0.023190065	0.012874908	0.017251089	4	12	6.41969E-05	0.004376181
174	0.000582526	0.017516143	0.00064006	0.022841035	0.013030259	0.016991446	4	12	5.7534E-05	0.003961188
175	0.000522086	0.017495645	0.000573731	0.0220247	0.013015011	0.016384175	4	12	5.16453E-05	0.003369164
176	0.000469918	0.017504715	0.000516468	0.021171642	0.013021757	0.015749584	4	12	4.65503E-05	0.002727827
177	0.000424247	0.017397318	0.000466344	0.020274199	0.012941865	0.015081976	4	12	4.2097E-05	0.002140111
178	0.000384251	0.017272408	0.000422449	0.019632805	0.012848944	0.014604844	4	12	3.81988E-05	0.001755899
179	0.000349295	0.017050747	0.000384104	0.018977055	0.01268405	0.014117031	4	12	3.48084E-05	0.001432981
180	0.000318602	0.016760886	0.000350245	0.018316814	0.012468423	0.013625878	4	12	3.16427E-05	0.001157455
181	0.000712199	0.033293245	0.000820302	0.034422453	0.024766845	0.025606863	4	12	0.000108103	0.000840018
182	0.000792137	0.033947148	0.000911329	0.034482952	0.025253284	0.025651868	4	12	0.000119192	0.000398584
183	0.0009221	0.033643999	0.0010708	0.033344173	0.025027771	0.02480473	4	12	0.0001487	-0.000223041
184	0.001061711	0.030387615	0.001234215	0.02942786	0.022605347	0.021891385	4	12	0.000172503	-0.000713962
185	0.001197162	0.027261081	0.001405027	0.028704342	0.020279518	0.02135316	4	12	0.000207865	0.001073641
186	0.001301586	0.024593458	0.001545945	0.03008891	0.018295074	0.02238314	4	12	0.000244359	0.004088067
187	0.001358936	0.021870676	0.001637504	0.030013414	0.016269596	0.022326979	4	12	0.000278569	0.006057383
188	0.001387207	0.02021484	0.00170109	0.027629976	0.015037819	0.020553939	4	12	0.000313883	0.00551612
189	0.001397762	0.019498458	0.001735562	0.027283871	0.014504903	0.020296472	4	12	0.0003378	0.005791569
190	0.001401155	0.018714279	0.001737207	0.025968704	0.013921552	0.019318119	4	12	0.000336052	0.005396567
191	0.001409152	0.017999191	0.00175332	0.023880131	0.013389598	0.017764429	4	12	0.000344168	0.004374831
192	0.001426941	0.017337779	0.00176342	0.022791705	0.012897574	0.016954749	4	12	0.000336479	0.004057175
193	0.001450328	0.017249987	0.001767481	0.023086333	0.012832265	0.017173923	4	12	0.000317153	0.004341658
194	0.001480273	0.017622676	0.001772628	0.023985494	0.013109509	0.017842809	4	12	0.000292354	0.0047333
195	0.001534931	0.018022546	0.001789817	0.024845172	0.013406972	0.018482323	4	12	0.000254885	0.005075352
196	0.001599265	0.025014737	0.001784494	0.026432294	0.018608463	0.019662983	4	12	0.000185229	0.00105452
197	0.001598076	0.025582156	0.00182717	0.03085313	0.019030566	0.022951643	4	12	0.000229095	0.003921078
198	0.001298026	0.021598897	0.001460902	0.030840606	0.016067419	0.022942327	4	12	0.000162877	0.006874907
199	0.001141846	0.020124974	0.001270648	0.028842887	0.014970968	0.021456224	4	12	0.000128802	0.006485256
200	0.001010038	0.019429957	0.001116318	0.02765499	0.014453945	0.020572547	4	12	0.00010628	0.006118602
201	0.000895323	0.019374365	0.000986088	0.027072314	0.01441259	0.020139094	4	12	9.0765E-05	0.005726504
202	0.000792076	0.01930825	0.000872306	0.026243584	0.014363407	0.019522602	4	12	8.02297E-05	0.005159195
203	0.00070305	0.019452353	0.000773542	0.02509935	0.014470605	0.018671406	4	12	7.04924E-05	0.004200801
204	0.000624902	0.019497629	0.000687086	0.023987216	0.014504286	0.01784409	4	12	6.21843E-05	0.003339804
205	0.000556781	0.019610979	0.00061183	0.023000861	0.014588607	0.017110341	4	12	5.50488E-05	0.002521733
206	0.000497857	0.019454534	0.000546883	0.021990872	0.014472228	0.01635901	4	12	4.90265E-05	0.001886782
207	0.000446664	0.019199541	0.000490458	0.021166336	0.014282538	0.015745637	4	12	4.37938E-05	0.001463099
208	0.000402337	0.018845182	0.000441869	0.020496948	0.014018931	0.01524768	4	12	3.95319E-05	0.001228749
209	0.000363862	0.018228038	0.000399817	0.019836322	0.013559837	0.01475624	4	12	3.59549E-05	0.001196402
210	0.00033052	0.017738478	0.000363435	0.019371434	0.013195654	0.01441041	4	12	3.29148E-05	0.001214755
211	0.000797106	0.031083469	0.000931272	0.032781783	0.023122993	0.024386368	4	12	0.000134166	0.001263376
212	0.000932372	0.034598816	0.001087152	0.036389325	0.025738059	0.027070019	4	12	0.00015478	0.00133196
213	0.001132604	0.042226588	0.001311645	0.044326149	0.031412359	0.032974222	4	12	0.000179042	0.001561864

214	0.001460118	0.053199289	0.00169604	0.053975606	0.039574951	0.040152453	4	12	0.000235922	0.000577502
215	0.001877332	0.043575562	0.002211993	0.042294486	0.032415861	0.031462868	4	12	0.000334661	-0.000952993
216	0.002010265	0.035179021	0.002414618	0.032654544	0.026169674	0.024291715	4	12	0.000404353	-0.001877958
217	0.001929849	0.029004379	0.002353285	0.033701967	0.021576358	0.025070894	4	12	0.000423436	0.003494536
218	0.001878723	0.024044114	0.00237258	0.0371648	0.017886416	0.027646895	4	12	0.000493857	0.009760478
219	0.001849338	0.022881766	0.002461073	0.03395025	0.017021746	0.025255591	4	12	0.000611735	0.008233845
220	0.001814954	0.021861321	0.002463605	0.030115745	0.016262636	0.022403103	4	12	0.000648652	0.006140467
221	0.001801575	0.020742224	0.002443086	0.025661524	0.01543014	0.019089608	4	12	0.000641511	0.003659467
222	0.001798983	0.019735477	0.002359928	0.025418508	0.014681221	0.018908828	4	12	0.000560945	0.004227607
223	0.001813175	0.019310564	0.002311759	0.026812472	0.014365129	0.019945798	4	12	0.000498585	0.005580669
224	0.001848444	0.019612903	0.002288204	0.028581152	0.014590039	0.021261519	4	12	0.00043976	0.00667148
225	0.001972105	0.020792759	0.002367745	0.029895252	0.015467734	0.022239078	4	12	0.00039564	0.006771344
226	0.002771239	0.02745949	0.003056733	0.030524184	0.020427114	0.022706941	4	12	0.000285494	0.002279826
227	0.002200404	0.02637093	0.002530396	0.038083041	0.019617334	0.028329974	4	12	0.000329992	0.00871264
228	0.00155481	0.022788331	0.00176515	0.03301028	0.01695224	0.024556348	4	12	0.00021034	0.007604108
229	0.001307119	0.02243338	0.00145647	0.032578089	0.016688191	0.024234841	4	12	0.000149351	0.007546649
230	0.001131971	0.022586311	0.001253221	0.031768291	0.016801957	0.023632432	4	12	0.00012125	0.006830475
231	0.000989432	0.022650834	0.001093269	0.029979044	0.016849956	0.022301411	4	12	0.000103837	0.005451455
232	0.000866109	0.022521088	0.00095588	0.027975087	0.016753438	0.020810667	4	12	8.97704E-05	0.00405723
233	0.000761208	0.02242644	0.00083794	0.026119506	0.016683029	0.0194303	4	12	7.67323E-05	0.002747271
234	0.000670995	0.02221868	0.00073757	0.024695137	0.016528476	0.018370713	4	12	6.65754E-05	0.001842237
235	0.000592622	0.021794007	0.000650866	0.023585634	0.016212562	0.017545353	4	12	5.82439E-05	0.001332791
236	0.000525256	0.021052664	0.000576696	0.022772595	0.015661077	0.016940534	4	12	5.14404E-05	0.001279457
237	0.000467779	0.020607679	0.00051363	0.022050849	0.015330053	0.016403626	4	12	4.58507E-05	0.001073574
238	0.000418907	0.02028651	0.000460224	0.02147454	0.015091135	0.01597491	4	12	4.13172E-05	0.000883775
239	0.000376974	0.020042169	0.000414398	0.021074281	0.01490937	0.015677157	4	12	3.74243E-05	0.000767788
240	0.000340823	0.019390022	0.000374959	0.020565934	0.014424237	0.015298998	4	12	3.41365E-05	0.000874761
241	0.000851358	0.031392694	0.000993193	0.034575408	0.023353025	0.025720646	4	12	0.000141835	0.002367621
242	0.000999238	0.032665614	0.001169488	0.035562638	0.02429995	0.026455046	4	12	0.00017025	0.002155096
243	0.001210175	0.034122191	0.00142066	0.036336551	0.025383498	0.02703076	4	12	0.000210485	0.001647263
244	0.001566452	0.036447984	0.001844347	0.037757196	0.027113655	0.028087578	4	12	0.000277896	0.000973923
245	0.002381042	0.040813186	0.002865082	0.040809279	0.030360929	0.030358023	4	12	0.000484039	-2.9062E-06
246	0.003790845	0.062020673	0.005220433	0.056517432	0.046137179	0.042043318	4	12	0.001429588	-0.004093861
247	0.003770179	0.062968978	0.004551374	0.058661784	0.046842623	0.043638501	4	12	0.000781195	-0.003204121
248	0.003069917	0.036866981	0.003884936	0.037850891	0.027425347	0.028157278	4	12	0.000815019	0.00073193
249	0.002648788	0.028945762	0.004189175	0.041309109	0.021532752	0.030729846	4	12	0.001540388	0.009197094
250	0.002500924	0.02689783	0.005780844	0.048539502	0.020009296	0.036108535	4	12	0.003279921	0.01609924
251	0.002405008	0.024897546	0.004190814	0.032810321	0.018521284	0.024407598	4	12	0.001785806	0.005886314
252	0.002365149	0.023360649	0.003457422	0.030070217	0.017377987	0.022369235	4	12	0.001092273	0.004991248
253	0.002337777	0.021968164	0.003162645	0.033113308	0.016342117	0.02463299	4	12	0.000824868	0.008290872
254	0.00235052	0.022287568	0.003070364	0.037046497	0.016579722	0.027558889	4	12	0.000719845	0.010979167
255	0.002439107	0.025095842	0.003126462	0.037707351	0.018668797	0.028050498	4	12	0.000687355	0.009381702
256	0.002757474	0.032219452	0.003573435	0.038338904	0.023968051	0.028520311	4	12	0.000815961	0.00455226
257	0.002226606	0.028381987	0.002663087	0.041732116	0.02111336	0.031044521	4	12	0.000436481	0.009331161
258	0.001833056	0.027873759	0.002079515	0.041371861	0.020735289	0.030776527	4	12	0.000246459	0.010041238
259	0.001526006	0.027340719	0.001697047	0.037349617	0.020338761	0.02778438	4	12	0.000171041	0.007445619
260	0.001296699	0.027355316	0.001435307	0.033348037	0.02034962	0.024807604	4	12	0.000138607	0.004457985
261	0.001110032	0.027133671	0.001230251	0.030606046	0.020184738	0.022767838	4	12	0.000120219	0.0025831
262	0.000956979	0.026313003	0.001058541	0.028483218	0.019574243	0.021188666	4	12	0.000101563	0.001614423
263	0.000827303	0.025465852	0.000913595	0.026871684	0.018944047	0.019989846	4	12	8.62918E-05	0.001045798
264	0.000718931	0.024983618	0.000791784	0.025610786	0.018585314	0.019051864	4	12	7.28533E-05	0.00046655
265	0.000626786	0.024529645	0.000689817	0.024832801	0.018247603	0.018473121	4	12	6.30312E-05	0.000225518
266	0.000550632	0.023758454	0.00060528	0.024174002	0.017673914	0.01798304	4	12	5.46475E-05	0.000309126
267	0.000486795	0.023007908	0.00053515	0.023741579	0.017115583	0.01766136	4	12	4.83558E-05	0.000545777

268	0.000433346	0.022383156	0.000476523	0.023275104	0.01665083	0.01731435	4	12	4.31769E-05	0.000663519
269	0.000387994	0.02153302	0.000426896	0.022825241	0.016018413	0.016979696	4	12	3.89021E-05	0.000961283
270	0.000349895	0.021031623	0.000385223	0.022507823	0.015645424	0.016743569	4	12	3.53275E-05	0.001098145
271	0.000881277	0.033895854	0.001029858	0.039445973	0.025215126	0.029343859	4	12	0.000148581	0.004128734
272	0.001026609	0.03547273	0.00120597	0.040911828	0.026388164	0.030434309	4	12	0.000179361	0.004046145
273	0.00121395	0.036854942	0.001433106	0.042350729	0.027416391	0.031504707	4	12	0.000219156	0.004088316
274	0.001463021	0.038509679	0.001736712	0.043969524	0.02864735	0.032708929	4	12	0.000273691	0.004061579
275	0.001810584	0.040125323	0.002144622	0.045449737	0.029849228	0.033810059	4	12	0.000334038	0.003960831
276	0.002308627	0.041966672	0.002716411	0.046319777	0.031219007	0.034457282	4	12	0.000407784	0.003238275
277	0.002641995	0.041244987	0.003299842	0.047545864	0.030682146	0.035369368	4	12	0.000657847	0.004687222
278	0.003804313	0.049954997	0.00439492	0.048758968	0.037161522	0.036271796	4	12	0.000590606	-0.000889726
279	0.005553523	0.065465522	0.006845385	0.047444236	0.048699802	0.035293767	4	12	0.001291862	-0.013406035
280	0.00415318	0.038150483	0.005278394	0.03910929	0.028380144	0.029093401	4	12	0.001125214	0.000713257
281	0.003453388	0.033249448	0.003200843	0.042967591	0.024734264	0.031963591	4	12	0.001847455	0.007229327
282	0.003339256	0.03063689	0.005675655	0.038809374	0.022790783	0.028870293	4	12	0.002336399	0.006079511
283	0.003182214	0.026397386	0.004688016	0.037191544	0.019637016	0.027666789	4	12	0.001505801	0.008029774
284	0.003141376	0.030553352	0.004642035	0.050415686	0.022728639	0.037504229	4	12	0.001500658	0.01477559
285	0.003170327	0.032206907	0.005056484	0.046731548	0.023958718	0.034763598	4	12	0.001886157	0.01080488
286	0.003529841	0.032725551	0.004459961	0.054514389	0.024344537	0.040553254	4	12	0.000930121	0.016208717
287	0.002848572	0.037619905	0.003275021	0.045604073	0.027985448	0.03392487	4	12	0.000426449	0.005939422
288	0.002179525	0.034794876	0.002472208	0.039809153	0.025883908	0.029614029	4	12	0.000292683	0.003730121
289	0.001804961	0.03343061	0.002022296	0.035708818	0.024869031	0.02656379	4	12	0.000217335	0.001694759
290	0.001499944	0.03380194	0.001681198	0.033157217	0.025145263	0.024665654	4	12	0.000181255	-0.000479609
291	0.001254987	0.032418635	0.001407114	0.031206464	0.024116222	0.023214489	4	12	0.000152127	-0.000901734
292	0.001057036	0.030760766	0.001179095	0.029831808	0.022882934	0.022191882	4	12	0.000122059	-0.000691052
293	0.000894242	0.029206072	0.000992569	0.028831732	0.021726397	0.021447925	4	12	9.83276E-05	-0.000278472
294	0.000764313	0.027960397	0.000844677	0.028269824	0.020799739	0.021029922	4	12	8.03638E-05	0.000230183
295	0.00065819	0.026795746	0.000725312	0.027803869	0.019933356	0.020683298	4	12	6.71221E-05	0.000749942
296	0.000573065	0.025944453	0.000630586	0.027375527	0.019300078	0.020364654	4	12	5.75219E-05	0.001064576
297	0.000503379	0.025138995	0.000553636	0.026979804	0.018700898	0.020070276	4	12	5.02569E-05	0.001369378
298	0.000445509	0.024253513	0.000490175	0.02636937	0.018042188	0.019616174	4	12	4.46658E-05	0.001573986
299	0.000397586	0.023475821	0.000437609	0.025896035	0.017463663	0.01926406	4	12	4.00229E-05	0.001800397
300	0.000357269	0.022600696	0.000393445	0.02517125	0.016812658	0.018724893	4	12	3.61766E-05	0.001912235
301	0.000883933	0.036196755	0.001041149	0.040747857	0.026926766	0.030312331	4	12	0.000157216	0.003385565
302	0.001039724	0.038743574	0.001231795	0.044017951	0.028821345	0.032744954	4	12	0.000192071	0.003923609
303	0.001232025	0.041257999	0.001474629	0.047320737	0.030691825	0.035201896	4	12	0.000242604	0.004510071
304	0.001489301	0.043690519	0.001800156	0.053249219	0.032501377	0.039612094	4	12	0.000310855	0.007110717
305	0.001823528	0.04827388	0.002229145	0.058456995	0.035910939	0.043486158	4	12	0.000405617	0.007575219
306	0.002234688	0.051091875	0.002751619	0.061546521	0.038007246	0.045784457	4	12	0.00051693	0.007777211
307	0.002733217	0.054915394	0.003364802	0.064590865	0.040851561	0.048049145	4	12	0.000631585	0.007197583
308	0.003142503	0.050172116	0.004277474	0.067846742	0.037323037	0.050471191	4	12	0.001134971	0.013148154
309	0.003677331	0.050972281	0.005670398	0.066437514	0.03791828	0.049422866	4	12	0.001993068	0.011504587
310	0.00448287	0.053421492	0.006844337	0.057093889	0.039740248	0.042472144	4	12	0.002361467	0.002731896
311	0.00640413	0.058607116	0.006258847	0.056818893	0.043597833	0.04142176	4	12	-0.000145283	-0.002176073
312	0.005339296	0.05158984	0.005938822	0.051341899	0.038377682	0.038193239	4	12	0.000599526	-0.000184444
313	0.004969881	0.040927434	0.005421559	0.047746352	0.030445918	0.035518511	4	12	0.000451679	0.005072593
314	0.004849832	0.051085414	0.005525852	0.060089418	0.038002439	0.044700518	4	12	0.00067602	0.006698079
315	0.004725811	0.045914529	0.005127807	0.053558235	0.034155818	0.039841971	4	12	0.000401996	0.005686153
316	0.004313863	0.049301253	0.004492883	0.05087058	0.036675202	0.037842625	4	12	0.00017902	0.001167422
317	0.003370737	0.051860427	0.003805923	0.046090579	0.038578971	0.034286782	4	12	0.000435186	-0.00429219
318	0.002629388	0.042760433	0.003092175	0.041849351	0.031809486	0.031131732	4	12	0.000462787	-0.000677754
319	0.002193207	0.040318502	0.0025194	0.039254117	0.029992934	0.029201138	4	12	0.000326193	-0.000791796
320	0.001766701	0.037450354	0.002040129	0.037293137	0.027859318	0.027742365	4	12	0.000273428	-0.000116953
321	0.001424	0.035351324	0.001631726	0.036420571	0.02629785	0.027093263	4	12	0.000207726	0.000795413

322	0.001163617	0.033907897	0.001312157	0.036007637	0.025224084	0.026786081	4	12	0.00014854	0.001561997
323	0.000962417	0.0325509	0.001072509	0.035473862	0.024214615	0.026389006	4	12	0.000110092	0.002174391
324	0.000806341	0.031310713	0.000892083	0.034669683	0.02329204	0.025790778	4	12	8.57418E-05	0.002498738
325	0.000686349	0.030083915	0.000756555	0.03397006	0.022379424	0.025270327	4	12	7.02064E-05	0.002890903
326	0.000590982	0.028863791	0.000650282	0.032737382	0.021471774	0.024353339	4	12	5.93003E-05	0.002881564
327	0.000515964	0.027784037	0.000567276	0.031796406	0.020668545	0.023653346	4	12	5.13117E-05	0.002984801
328	0.000454797	0.026736672	0.000500114	0.030538843	0.01988941	0.022717845	4	12	4.53175E-05	0.002828435
329	0.000404354	0.025629973	0.000444774	0.029416627	0.019066137	0.021883029	4	12	4.04204E-05	0.002816892
330	0.000362235	0.024405494	0.000398323	0.028005184	0.018155247	0.020833057	4	12	3.60882E-05	0.00267781
331	0.000854561	0.03704169	0.001010088	0.043084291	0.027555313	0.032050404	4	12	0.000155527	0.004495091
332	0.001006105	0.039776307	0.001202369	0.046073895	0.029589595	0.03427437	4	12	0.000196264	0.004684775
333	0.001207247	0.042973835	0.001465753	0.04950052	0.031968236	0.036823437	4	12	0.000258507	0.004855201
334	0.001474483	0.047135	0.001838487	0.053723122	0.035063726	0.03996463	4	12	0.000364004	0.004900904
335	0.001864597	0.053128235	0.002395822	0.061467506	0.039522094	0.0395725678	4	12	0.000531225	0.006203584
336	0.002430228	0.060891191	0.003207055	0.070799662	0.045296957	0.052667869	4	12	0.000776827	0.007370911
337	0.00330502	0.069237806	0.004075765	0.082763298	0.051506004	0.061567617	4	12	0.000770744	0.010061614
338	0.004234941	0.059894027	0.005445827	0.103215981	0.044555166	0.076782369	4	12	0.001210886	0.032227202
339	0.004986477	0.073493904	0.007358007	0.118726975	0.054672116	0.088320997	4	12	0.00257153	0.032648881
340	0.00601604	0.089390256	0.012458437	0.134388087	0.066497411	0.099971298	4	12	0.006442397	0.033473887
341	0.00701092	0.099619907	0.010663457	0.131314244	0.074107249	0.097684666	4	12	0.003652537	0.023577417
342	0.007976233	0.090409343	0.010013178	0.118977871	0.06725551	0.088507638	4	12	0.002036945	0.021252128
343	0.007012451	0.056084926	0.00761836	0.065910603	0.041721576	0.049030898	4	12	0.000605909	0.007309321
344	0.007717547	0.066724782	0.007509256	0.082583477	0.049636565	0.061433848	4	12	-0.00020829	0.011797283
345	0.009243574	0.05762152	0.008653936	0.069371211	0.042864649	0.051605244	4	12	-0.000589638	0.008740595
346	0.00579396	0.056211139	0.00646856	0.062486451	0.041815466	0.046483671	4	12	0.0006746	0.004668205
347	0.004408529	0.047071669	0.005739913	0.05732739	0.035016614	0.042645845	4	12	0.001331384	0.007629231
348	0.003618543	0.040799966	0.004493949	0.056511384	0.030351095	0.042038819	4	12	0.000875406	0.011687724
349	0.002861145	0.049704748	0.003446826	0.054983898	0.036975362	0.040902522	4	12	0.000585681	0.00392716
350	0.002100939	0.047204045	0.002574604	0.052472612	0.035115089	0.040723029	4	12	0.000473665	0.00560794
351	0.001610856	0.044616067	0.00189078	0.052402628	0.033189892	0.038982315	4	12	0.000279924	0.005792422
352	0.001261659	0.041905071	0.001438788	0.049769022	0.031173183	0.037023176	4	12	0.000177129	0.005849993
353	0.001019248	0.039614747	0.001138233	0.047116524	0.02946941	0.035049983	4	12	0.000118984	0.005580573
354	0.00084036	0.037516154	0.000929165	0.044687458	0.027908267	0.033243	4	12	8.88055E-05	0.005334733
355	0.000706513	0.035292208	0.000777082	0.041901232	0.026253874	0.031170327	4	12	7.05693E-05	0.004916453
356	0.000604146	0.033360545	0.000663372	0.039431426	0.02481691	0.029333038	4	12	5.92265E-05	0.004516128
357	0.000523303	0.031338694	0.000573594	0.036678382	0.023312855	0.027285048	4	12	5.02911E-05	0.003972194
358	0.000459456	0.029640771	0.000503921	0.034618221	0.022049769	0.025752494	4	12	4.44644E-05	0.003702725
359	0.000407388	0.027950103	0.000446999	0.032533396	0.020792082	0.024201593	4	12	3.9611E-05	0.003409512
360	0.000362904	0.025993094	0.000396954	0.029772248	0.019336263	0.022147575	4	12	3.40503E-05	0.002811312
361	0.000802072	0.037042161	0.000940777	0.045506676	0.027555663	0.033852416	4	12	0.000138706	0.006296753
362	0.000940241	0.038770966	0.001118872	0.048119827	0.028841722	0.035796339	4	12	0.000178631	0.006954618
363	0.00114436	0.043362855	0.001389538	0.053656963	0.032257628	0.039915415	4	12	0.000245178	0.007657787
364	0.001423235	0.047699831	0.001800594	0.0590076	0.035483904	0.043895754	4	12	0.000377358	0.00841185
365	0.001851784	0.053089072	0.002501711	0.065350745	0.039492961	0.048614419	4	12	0.000649927	0.009121458
366	0.002613587	0.062271004	0.00391008	0.075019752	0.0463234	0.055807193	4	12	0.001296493	0.009483793
367	0.004176581	0.077808597	0.007489844	0.086508024	0.057881815	0.064353319	4	12	0.003313263	0.006471504
368	0.009566679	0.195517193	0.008242051	0.073498681	0.14544524	0.054675668	4	12	-0.001324628	-0.090769572
369	0.009560955	0.114700307	0.009430121	0.133264815	0.085325558	0.099135696	4	12	-0.000130834	0.013810137
370	0.005123653	0.051389842	0.007193106	0.06692181	0.038228904	0.049783134	4	12	0.002069453	0.011554231
371	0.004535845	0.059939291	0.00615115	0.07777909	0.044588838	0.057859865	4	12	0.001615305	0.013271027
372	0.00527299	0.071909196	0.006806704	0.094783969	0.053493251	0.070509795	4	12	0.001533714	0.017016544
373	0.005236758	0.052938938	0.007068735	0.094717342	0.039381276	0.07046023	4	12	0.001831977	0.031078954
374	0.007837565	0.085987781	0.00818815	0.108659713	0.06396631	0.08083196	4	12	0.000350585	0.01686565
375	0.008318654	0.090015229	0.008841907	0.107766703	0.066962329	0.080167651	4	12	0.000523253	0.013205322

376	0.011535281	0.189126133	0.009959227	0.088632222	0.14069093	0.06593351	4	12	-0.001576055	-0.07475742
377	0.019145122	0.211353743	0.013310616	0.193624612	0.157226049	0.144037349	4	12	-0.005834506	-0.0131887
378	0.008575575	0.143877388	0.011371298	0.129009351	0.107030389	0.095970057	4	12	0.002795723	-0.011060333
379	0.004293458	0.099174632	0.006467189	0.127888274	0.073776009	0.095136087	4	12	0.002173731	0.021360078
380	0.002656587	0.078738564	0.003330178	0.097926639	0.058573618	0.072847627	4	12	0.000673591	0.014274009
381	0.001838445	0.066280488	0.00214516	0.081068615	0.049306055	0.060306943	4	12	0.000306715	0.011000888
382	0.00135988	0.056930763	0.001528807	0.069050697	0.042350795	0.051366813	4	12	0.000168927	0.009016019
383	0.001063469	0.050832049	0.00117458	0.061509116	0.037813961	0.045756631	4	12	0.000111111	0.00794267
384	0.000860684	0.045908059	0.000943881	0.055200631	0.034151005	0.04106375	4	12	8.3197E-05	0.006912745
385	0.000715879	0.042047643	0.000782934	0.049941272	0.031279242	0.037151312	4	12	6.7055E-05	0.00587207
386	0.000606726	0.038308124	0.000663156	0.045079996	0.028497414	0.033535009	4	12	5.64304E-05	0.005037596
387	0.000524165	0.035428724	0.000573332	0.041564137	0.026355428	0.030919561	4	12	4.9167E-05	0.004564133
388	0.000459099	0.03294849	0.000502678	0.03852101	0.024510382	0.028655779	4	12	4.35796E-05	0.004145397
389	0.000406663	0.030809917	0.000445727	0.035882537	0.022919497	0.02669302	4	12	3.90646E-05	0.003773522
390	0.000363424	0.028863896	0.000398753	0.033521077	0.021471852	0.024936329	4	12	3.53283E-05	0.003464477
391	0.000722639	0.035594755	0.000832918	0.045789971	0.026478938	0.034063159	4	12	0.000110279	0.007584221
392	0.000848881	0.038199976	0.000981217	0.049656711	0.028416962	0.036939628	4	12	0.000132336	0.008522666
393	0.00103736	0.043927904	0.001202931	0.056380949	0.032677968	0.041941788	4	12	0.0016557	0.00926382
394	0.001300747	0.051049046	0.001537513	0.064973545	0.037975386	0.04833382	4	12	0.000236766	0.010358435
395	0.001670163	0.061144069	0.00207038	0.075368866	0.045485073	0.0560669	4	12	0.000400217	0.010581827
396	0.002028592	0.060208366	0.002696008	0.085057157	0.044789003	0.063274019	4	12	0.000667416	0.018485016
397	0.002105608	0.048838488	0.00320248	0.083111362	0.036330951	0.061826542	4	12	0.001096873	0.025495591
398	0.002081161	0.035927003	0.00379055	0.046756958	0.026726097	0.034782501	4	12	0.001709389	0.008056404
399	0.00228715	0.028996265	0.003336433	0.038630045	0.021570322	0.02873689	4	12	0.001049284	0.007166568
400	0.002807124	0.030215792	0.0033129	0.038182554	0.022477527	0.028404002	4	12	0.000505775	0.005926474
401	0.002704922	0.030869656	0.003341263	0.03911343	0.022963937	0.029096481	4	12	0.00063634	0.006132543
402	0.002712359	0.032029637	0.003145627	0.037530304	0.023826847	0.027918793	4	12	0.000433268	0.004091946
403	0.002749306	0.029437012	0.00323964	0.042852057	0.021898194	0.031877646	4	12	0.000490334	0.009979452
404	0.003159554	0.034492139	0.003579586	0.046145914	0.025658702	0.034327945	4	12	0.000420032	0.008689243
405	0.003323732	0.037150529	0.003672072	0.046442849	0.027636278	0.034548835	4	12	0.00034834	0.006912557
406	0.003779548	0.037823643	0.003857704	0.046107159	0.028137008	0.034299116	4	12	7.81563E-05	0.006162108
407	0.003076015	0.037831295	0.004439569	0.046616417	0.0281427	0.034677953	4	12	0.001363554	0.006535252
408	0.003953812	0.085481283	0.003988213	0.054497407	0.063589526	0.040540621	4	12	3.44008E-05	-0.023048905
409	0.003559278	0.095413482	0.004429169	0.087167895	0.070978089	0.064844197	4	12	0.000869891	-0.006133892
410	0.002758198	0.100385291	0.003564224	0.118934944	0.074676618	0.088475705	4	12	0.000806026	0.013799087
411	0.002000927	0.09076509	0.002197494	0.103219604	0.06752015	0.076785063	4	12	0.000196567	0.009264913
412	0.001458745	0.074938903	0.001507657	0.085518869	0.05574705	0.063617487	4	12	4.89118E-05	0.007870437
413	0.001108767	0.065050697	0.001147138	0.071544404	0.048391213	0.053221882	4	12	3.83709E-05	0.004830669
414	0.000877988	0.056391105	0.00092125	0.06243936	0.041949343	0.04644864	4	12	4.3262E-05	0.004499296
415	0.000720946	0.050148292	0.000766651	0.055786938	0.037305314	0.041499903	4	12	4.5705E-05	0.004194589
416	0.00060709	0.044344972	0.000652114	0.050040506	0.032988225	0.037225132	4	12	4.50244E-05	0.004236908
417	0.000521558	0.040203923	0.000564303	0.045728028	0.029907699	0.03401708	4	12	4.27458E-05	0.004109381
418	0.000455676	0.036574427	0.00049561	0.041757049	0.027207716	0.031063069	4	12	3.99335E-05	0.003855352
419	0.000402923	0.033808186	0.000439899	0.038674049	0.02514991	0.028769625	4	12	3.69755E-05	0.003619715
420	0.000359959	0.031434478	0.000394063	0.035969232	0.023384108	0.026757512	4	12	3.41037E-05	0.003373404
421	0.000631595	0.03452528	0.000704422	0.040332056	0.025683356	0.030003016	4	12	7.28276E-05	0.004319661
422	0.00071975	0.036447298	0.000798858	0.043668896	0.027113145	0.032485292	4	12	7.91079E-05	0.005372146
423	0.000813395	0.038974866	0.000911609	0.047410945	0.028993403	0.035269002	4	12	9.82147E-05	0.0062756
424	0.000899304	0.037551513	0.001046522	0.050822491	0.027934571	0.037806851	4	12	0.000147218	0.00987228
425	0.000980473	0.03481676	0.001206853	0.052136917	0.025900188	0.038784652	4	12	0.00022638	0.012884465
426	0.001055863	0.030322997	0.001371386	0.047734748	0.022557277	0.035509879	4	12	0.000315522	0.012952602
427	0.001163243	0.026542433	0.0015972	0.040529798	0.019744916	0.030150117	4	12	0.000433957	0.010405201
428	0.001311229	0.021892015	0.001834975	0.030252025	0.01628547	0.022504482	4	12	0.000523747	0.006219012
429	0.001458812	0.021502055	0.001971257	0.027250082	0.015995379	0.020271336	4	12	0.000512445	0.004275957

430	0.001663339	0.022240287	0.002011971	0.026403297	0.016544549	0.019641413	4	12	0.000348632	0.003096863
431	0.0017591	0.022972982	0.002057065	0.026865678	0.017089601	0.019985378	4	12	0.000297965	0.000295777
432	0.001762552	0.024398783	0.002033255	0.025449633	0.018150255	0.018931982	4	12	0.000270703	0.000781727
433	0.001815355	0.025739558	0.002090802	0.033019084	0.019147657	0.024562896	4	12	0.000275448	0.005415239
434	0.001935559	0.02531094	0.002193502	0.033927636	0.018828808	0.025238769	4	12	0.000257943	0.00640996
435	0.001987891	0.026024788	0.002216431	0.03443507	0.01935984	0.025616248	4	12	0.00022854	0.006256409
436	0.001945356	0.02796198	0.002237627	0.034707939	0.020800917	0.025819236	4	12	0.000292271	0.005018319
437	0.001836136	0.03086082	0.002272227	0.034423671	0.022957364	0.025607769	4	12	0.00043609	0.002650405
438	0.001965989	0.039621679	0.002163543	0.033927498	0.029474567	0.025238666	4	12	0.000197553	-0.004235901
439	0.001757588	0.047180321	0.002049226	0.036547205	0.03509744	0.027187466	4	12	0.000291639	-0.007909975
440	0.001520638	0.053706709	0.001784312	0.046306318	0.039952421	0.03444727	4	12	0.000263674	-0.005505151
441	0.001297842	0.05698953	0.001485033	0.058046228	0.042394511	0.043180589	4	12	0.000187191	0.000786078
442	0.001098821	0.057507064	0.00122609	0.06439385	0.042779505	0.047902585	4	12	0.000127269	0.00512308
443	0.000927703	0.055773887	0.001010002	0.062315301	0.041490195	0.046356352	4	12	8.22992E-05	0.004866158
444	0.000785869	0.052721815	0.000838184	0.058464653	0.039219758	0.043491855	4	12	5.23149E-05	0.004272097
445	0.000670584	0.049206129	0.000708998	0.054049632	0.036604439	0.040207521	4	12	3.84138E-05	0.003603082
446	0.000578361	0.044531369	0.000612182	0.050380018	0.033126886	0.037477695	4	12	3.38215E-05	0.004350809
447	0.000503123	0.040424861	0.000535334	0.046046226	0.030072054	0.034253788	4	12	3.22113E-05	0.004181734
448	0.000442638	0.036656133	0.000474091	0.042206474	0.027268497	0.031397396	4	12	3.14535E-05	0.004128898
449	0.000392804	0.034566987	0.000423376	0.038271817	0.025714382	0.028470405	4	12	3.05721E-05	0.002756023
450	0.000351782	0.031959468	0.000381193	0.03531651	0.023774648	0.026271952	4	12	2.94115E-05	0.002497303
451	0.000513327	0.029941198	0.000582382	0.035393253	0.022273257	0.026329041	4	12	6.90551E-05	0.004055784
452	0.000555281	0.029374444	0.000643196	0.038006146	0.021851649	0.028272772	4	12	8.79151E-05	0.006421123
453	0.000603718	0.02861202	0.000707995	0.039118229	0.021284482	0.02910005	4	12	0.000104276	0.007815568
454	0.000657157	0.027130899	0.000776545	0.038882769	0.020182676	0.028924892	4	12	0.000119387	0.008742216
455	0.000707894	0.023762103	0.000854015	0.036053539	0.017676628	0.026820228	4	12	0.000146121	0.009143599
456	0.000773934	0.021659043	0.000955224	0.032792876	0.016112162	0.024394621	4	12	0.00018129	0.008282459
457	0.000850387	0.019302939	0.001077732	0.029163712	0.014359457	0.021694885	4	12	0.000227344	0.007335428
458	0.000945769	0.018156912	0.001197822	0.025509727	0.013506927	0.0219039173	4	12	0.000252053	0.005532246
459	0.001037342	0.018716393	0.001286508	0.024715989	0.013923125	0.018386225	4	12	0.000249167	0.0044631
460	0.001127017	0.01879291	0.001338442	0.024675953	0.013980046	0.018356441	4	12	0.000211425	0.004376395
461	0.001203725	0.019631544	0.001383448	0.027775242	0.014603906	0.020662002	4	12	0.000179723	0.006058096
462	0.001238434	0.020983325	0.001410981	0.028809637	0.015609496	0.021431489	4	12	0.000172547	0.005821993
463	0.001271551	0.023836103	0.00144238	0.027671386	0.017731677	0.020584744	4	12	0.00017083	0.002853067
464	0.001304599	0.029572023	0.001474825	0.027511059	0.021998628	0.020465477	4	12	0.000170227	-0.001533151
465	0.001319866	0.026793128	0.001483171	0.027618019	0.019931408	0.020545044	4	12	0.000163305	0.000613637
466	0.001290144	0.023563796	0.001482409	0.028323482	0.017529108	0.021069838	4	12	0.000192265	0.003540731
467	0.001270794	0.023652525	0.001461334	0.028704671	0.017595113	0.021353405	4	12	0.00019054	0.003758292
468	0.001272075	0.02703268	0.001421826	0.028662055	0.020109611	0.021321703	4	12	0.000149751	0.001212092
469	0.001198464	0.030748642	0.001346149	0.028468206	0.022873915	0.021177498	4	12	0.000147685	-0.001696416
470	0.001090175	0.035257252	0.001231353	0.029940846	0.02622787	0.022272995	4	12	0.000141178	-0.003954875
471	0.000967292	0.039077821	0.001089207	0.035292629	0.029069991	0.026254187	4	12	0.000121914	-0.002815804
472	0.000848911	0.041384893	0.000945798	0.040361831	0.030786222	0.030025166	4	12	9.68877E-05	-0.000761056
473	0.000742712	0.042602668	0.000819586	0.044413488	0.031692125	0.033039193	4	12	7.68741E-05	0.001347069
474	0.000650654	0.042508061	0.000714966	0.046493359	0.031621747	0.03458641	4	12	6.43122E-05	0.002964663
475	0.000572983	0.041342546	0.000627657	0.045319191	0.03075472	0.033712946	4	12	5.46741E-05	0.002958226
476	0.000508374	0.039857003	0.000554551	0.043779124	0.029649625	0.032567291	4	12	4.61778E-05	0.002917666
477	0.000454128	0.038155521	0.000493122	0.041976897	0.028383892	0.031226613	4	12	3.89943E-05	0.002842721
478	0.000407741	0.036105055	0.000441269	0.039953733	0.026858551	0.029721582	4	12	3.35279E-05	0.002863031
479	0.000367783	0.03390904	0.000397725	0.037604275	0.025224935	0.027973821	4	12	2.99422E-05	0.002748885
480	0.000333158	0.031786196	0.00036054	0.035313113	0.023645751	0.026269425	4	12	2.73826E-05	0.002623674
481	0.000417277	0.023260135	0.000479187	0.029612052	0.017303215	0.022028406	4	12	6.19102E-05	0.004725191
482	0.00044838	0.022793542	0.000519387	0.031554033	0.016956116	0.023473045	4	12	7.10064E-05	0.00651693
483	0.000482999	0.02213751	0.000558002	0.031411203	0.016468093	0.023366794	4	12	7.50026E-05	0.0068987

484	0.000521541	0.021156465	0.000602147	0.03015841	0.015738295	0.022434841	4	12	8.06055E-05	0.006696547
485	0.000563331	0.019827156	0.000661734	0.029093009	0.014749421	0.021642289	4	12	9.84028E-05	0.006892868
486	0.000610283	0.018579714	0.000720093	0.026902349	0.013821449	0.020012657	4	12	0.000109809	0.006191208
487	0.000663725	0.017360981	0.000787336	0.025138359	0.012914834	0.018700425	4	12	0.000123611	0.005785591
488	0.000719064	0.016775246	0.000857146	0.022790353	0.012479105	0.016953743	4	12	0.000138081	0.004474638
489	0.000777415	0.01720517	0.000912583	0.022798864	0.012798926	0.016960819	4	12	0.000135168	0.004161892
490	0.000826634	0.017159597	0.000955361	0.022979647	0.012765024	0.01709456	4	12	0.000128727	0.004329536
491	0.000871618	0.017725375	0.000991173	0.024102974	0.013185906	0.017930203	4	12	0.000119554	0.004744296
492	0.000901019	0.019219696	0.001019453	0.024517933	0.014297532	0.01823889	4	12	0.000118434	0.003941358
493	0.00091979	0.022220507	0.001038912	0.02377207	0.016529835	0.017684043	4	12	0.000119122	0.001154208
494	0.000936807	0.025623626	0.001054659	0.023617516	0.019061416	0.01756907	4	12	0.000117853	-0.001492346
495	0.000945028	0.022682575	0.001060164	0.02376291	0.016873567	0.017677228	4	12	0.000115136	0.000803661
496	0.000936534	0.020896643	0.001055463	0.023847854	0.015545013	0.017740419	4	12	0.000118928	0.002195406
497	0.000936502	0.020862925	0.00104523	0.024332196	0.01551993	0.018100721	4	12	0.000108729	0.002580791
498	0.000905709	0.019840996	0.000994935	0.02152749	0.014759717	0.0160143	4	12	8.92258E-05	0.001254583
499	0.000880998	0.022813158	0.000971036	0.023560509	0.016970708	0.017526662	4	12	9.00376E-05	0.000555955
500	0.00082695	0.025993533	0.000915435	0.024595993	0.019336589	0.018296959	4	12	8.84848E-05	-0.00103963
501	0.000759066	0.028776924	0.000841302	0.026080908	0.021407154	0.019401587	4	12	8.22359E-05	-0.002005566
502	0.000688062	0.031255655	0.000761107	0.02933608	0.023251082	0.02182311	4	12	7.30447E-05	-0.001427972
503	0.000619099	0.033069092	0.000682903	0.032290803	0.024600097	0.024021128	4	12	6.38044E-05	-0.000578969
504	0.000555578	0.03415205	0.000611252	0.034836714	0.02540571	0.025915032	4	12	5.56746E-05	0.000509322
505	0.000498808	0.034529868	0.000547829	0.036665849	0.025686769	0.027275725	4	12	4.90214E-05	0.001588956
506	0.000448902	0.034266714	0.000492962	0.037179038	0.025491009	0.027657486	4	12	4.40601E-05	0.002166477
507	0.00040551	0.03344997	0.000445469	0.036657639	0.024883432	0.027269618	4	12	3.99599E-05	0.002386185
508	0.000368001	0.032441868	0.000403796	0.035400713	0.024133506	0.02633459	4	12	3.57947E-05	0.002201085
509	0.000335652	0.031085704	0.000367973	0.034265202	0.023124655	0.025489884	4	12	3.23212E-05	0.002365228
510	0.000307403	0.029878618	0.000336919	0.032575952	0.022226704	0.02423325	4	12	2.95163E-05	0.002006547
511	0.000351836	0.019786722	0.000402751	0.027212643	0.014719343	0.020243485	4	12	5.09144E-05	0.005524142
512	0.000374087	0.019186349	0.00042691	0.026876845	0.014272725	0.019993685	4	12	5.28232E-05	0.00572096
513	0.000398739	0.018496367	0.000455507	0.026227643	0.013759447	0.019510744	4	12	5.67686E-05	0.005751297
514	0.000426152	0.017690062	0.000489155	0.025348072	0.013159637	0.018856431	4	12	6.30023E-05	0.005696794
515	0.000450504	0.015563206	0.000513879	0.022234406	0.011577469	0.016540175	4	12	6.33752E-05	0.004962706
516	0.00048521	0.015254698	0.000555844	0.02191457	0.01134797	0.016302249	4	12	7.06346E-05	0.004954279

517	0.000521576	0.015143338	0.000602518	0.02111764	0.011265129	0.015709413	4	12	8.09425E-05	0.004444284
518	0.00056115	0.015485546	0.000643232	0.02046711	0.011519698	0.015225483	4	12	8.20816E-05	0.003705785
519	0.000597172	0.01577455	0.000681194	0.020568077	0.011734688	0.015300593	4	12	8.40217E-05	0.003565905
520	0.000628551	0.015834838	0.000713604	0.020624174	0.011779536	0.015342323	4	12	8.50527E-05	0.003562787
521	0.000658476	0.016750852	0.00074303	0.02126837	0.012460959	0.01582154	4	12	8.45547E-05	0.003360582
522	0.000679322	0.018285176	0.000765324	0.021307705	0.013602342	0.015850802	4	12	8.60025E-05	0.002248459
523	0.000693144	0.020681602	0.000780281	0.021000792	0.015385044	0.015622489	4	12	8.71374E-05	0.000237445
524	0.000701647	0.021851598	0.000788864	0.020597457	0.016255403	0.015322448	4	12	8.72166E-05	-0.000932956
525	0.000711606	0.019708151	0.000796822	0.021201581	0.014660894	0.015771856	4	12	8.52157E-05	0.001110963
526	0.000713295	0.018657523	0.000793827	0.020775917	0.013879331	0.015455204	4	12	8.05322E-05	0.001575873
527	0.000713737	0.018694253	0.000788769	0.02122813	0.013906655	0.015791606	4	12	7.50318E-05	0.001884951
528	0.000697372	0.017735592	0.000765599	0.020451288	0.013193507	0.015213713	4	12	6.82266E-05	0.002020206
529	0.000674008	0.018642693	0.000734669	0.019882753	0.013868299	0.01479078	4	12	6.06613E-05	0.00092248
530	0.000645595	0.020417572	0.000782224	0.020624641	0.015188632	0.015342671	4	12	6.26294E-05	0.000154039
531	0.000608198	0.022580067	0.000667265	0.021601436	0.016797312	0.016069308	4	12	5.90664E-05	-0.000728004
532	0.000565154	0.024779192	0.000620094	0.023532101	0.018433241	0.01750553	4	12	5.49403E-05	-0.000927711
533	0.000520297	0.026363711	0.000570171	0.025425633	0.019611965	0.018914129	4	12	4.98733E-05	-0.000697836
534	0.00047724	0.027876689	0.000525196	0.0278763937	0.020737469	0.020534569	4	12	4.79562E-05	-0.0002029
535	0.000436585	0.028834999	0.000480326	0.029387618	0.021450356	0.021861449	4	12	4.37407E-05	0.000411093
536	0.000398906	0.029264958	0.000438632	0.030653842	0.021770202	0.022803393	4	12	3.97253E-05	0.001033191
537	0.000364808	0.029193707	0.000401241	0.03134004	0.021717199	0.023313856	4	12	3.64331E-05	0.001596657
538	0.0003344	0.028724613	0.00036796	0.03144387	0.02136824	0.023391095	4	12	3.35602E-05	0.002022855
539	0.000307294	0.028169064	0.000338372	0.031028979	0.020954967	0.023082457	4	12	3.10776E-05	0.00212749
540	0.000283233	0.027362065	0.000311789	0.030090424	0.02035464	0.022384266	4	12	2.85556E-05	0.002029626
541	0.000299258	0.017069872	0.000339348	0.02350652	0.012698277	0.0174865	4	12	4.00897E-05	0.004788222
542	0.000316072	0.016617316	0.000358699	0.023315608	0.012361621	0.017344481	4	12	4.26276E-05	0.004982859
543	0.000331861	0.015530419	0.000378962	0.022388047	0.011553079	0.016654469	4	12	4.7101E-05	0.00510139
544	0.000352111	0.014791975	0.000401662	0.020928448	0.01100375	0.015568673	4	12	4.95507E-05	0.004564923
545	0.000373869	0.014305698	0.000422547	0.020822278	0.010642009	0.015087986	4	12	4.8678E-05	0.00445977
546	0.000397312	0.014017875	0.000450381	0.019663688	0.010427897	0.014627817	4	12	5.30685E-05	0.00419992
547	0.000422094	0.014277382	0.000479896	0.019168671	0.010620944	0.014259574	4	12	5.7802E-05	0.00363863
548	0.000447591	0.014610327	0.000506425	0.018880955	0.010868622	0.014045542	4	12	5.88342E-05	0.00317692
549	0.000473467	0.014976002	0.000532834	0.019120508	0.011140648	0.014223746	4	12	5.93672E-05	0.003083098
550	0.000497988	0.015694955	0.000559066	0.019522251	0.011675477	0.014522602	4	12	6.10778E-05	0.002847125
551	0.000518786	0.016734726	0.000581778	0.019787142	0.012448963	0.014719655	4	12	6.29915E-05	0.002270692
552	0.000529592	0.017546791	0.000595537	0.019181361	0.013053058	0.014269015	4	12	6.59447E-05	0.001215957
553	0.000541916	0.019527615	0.000608961	0.019024817	0.014526593	0.014152561	4	12	6.70453E-05	-0.000374031
554	0.000550605	0.019790095	0.00061699	0.019141399	0.014721852	0.014239287	4	12	6.63854E-05	-0.000482565
555	0.000557034	0.017900382	0.000621415	0.019340827	0.013316094	0.014387641	4	12	6.43813E-05	0.001071547
556	0.000562412	0.017378591	0.000622663	0.01913758	0.012927934	0.014236446	4	12	6.02512E-05	0.001308512
557	0.000562995	0.017310112	0.000619438	0.01903133	0.012876992	0.014157406	4	12	5.64434E-05	0.001280414
558	0.000553213	0.016409339	0.000608026	0.018815982	0.012206907	0.013997209	4	12	5.48127E-05	0.001790302
559	0.000537881	0.016513523	0.000590562	0.018416976	0.01228441	0.013700389	4	12	5.26805E-05	0.001415979
560	0.000517542	0.017540022	0.000568098	0.018077399	0.013048022	0.013447777	4	12	5.05561E-05	0.000399754
561	0.000495022	0.018582468	0.000542198	0.018759712	0.013823498	0.01395535	4	12	4.71759E-05	0.000131852
562	0.000468878	0.020228009	0.00051315	0.019990206	0.015047616	0.014870714	4	12	4.42725E-05	-0.000176902
563	0.000440076	0.021870585	0.000481699	0.021434024	0.016269529	0.01594477	4	12	4.16231E-05	-0.000324758
564	0.000410166	0.023080668	0.000449302	0.022910858	0.017169709	0.017043387	4	12	3.9136E-05	-0.000126322
565	0.000381457	0.024197449	0.000418482	0.024317047	0.018000482	0.018089451	4	12	3.70245E-05	8.89694E-05
566	0.000353517	0.024803957	0.000387988	0.02547171	0.018451664	0.018948405	4	12	3.44709E-05	0.000496742
567	0.000327293	0.025108872	0.000359896	0.026340849	0.01867849	0.019594958	4	12	3.26025E-05	0.000916468
568	0.000303234	0.025289726	0.000333518	0.02692672	0.018813027	0.020030787	4	12	3.0284E-05	0.00121776
569	0.000281404	0.025085123	0.000309553	0.027315496	0.018660823	0.020319998	4	12	2.81495E-05	0.001659174
570	0.000261353	0.024828213	0.000287906	0.027246789	0.018469708	0.020268887	4	12	2.65532E-05	0.001799179