

Test Name	BRK, PIR, rep 1
Cladding	Brick
Cladding Thickness [mm]	102
Insulation	Polyisocyanurate (PIR) foam
Insulation Thickness [mm]	100
Cavity Width [mm]	50
Repetition Number	1
Mass Flow Rate (Propane)	0.2
Description	This experiment is on a system consisting of a Brick cladding and a Polyisocyanurate (PIR) foam insulation panel, separated with a cavity of 50 mm width. It is the first repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	3.03
Time to Peak HRR [mins]	0.62
Residual HRR [kW]	2.08
Total HR [MJ]	0.00603
Peak dQ/dt [kW/s]	0.0937
Time to Peak dQ/dt [s]	1.03

Test Time [s]	Heat Release Rate HRR [kW]	HRR Smoothed [kW]	Mass Rainscreen [kg]	Mass Insulation [kg]	Mass Drip Tray [kg]	Mass Total [kg]	MLR Rainscreen Smoothed 100pt [g/s]	MLR Insulation Smoothed 100pt [g/s]	MLR Drip Tray Smoothed 100pt [g/s]	MLR Total Smoothed 100pt [g/s]
0	-0.071	-0.071	1	1.8643	0.0004	2.8647	0	0.3248	-0.0969	0.2279
1	0.0677	0.0591	1	1.8618	0.0028	2.8647	0	0.3196	-0.09	0.2297
2	0.18	0.183	1	1.8606	0.0032	2.8638	0	0.312	-0.0869	0.2252
3	0.358	0.305	1	1.8594	0.0035	2.863	0	0.307	-0.0828	0.2242
4	0.382	0.656	1	1.8585	0.0034	2.8619	0	0.3054	-0.0833	0.2221
5	0.469	1.2	1	1.8575	0.0033	2.8609	0	0.2999	-0.0882	0.2117
6	0.748	1.81	1	1.8565	0.003	2.8595	0	0.2988	-0.0904	0.2083
7	1.42	2.5	1	1.8555	0.003	2.8585	0	0.2921	-0.0877	0.2044
8	2.34	3.24	1	1.8548	0.003	2.8578	0	0.2816	-0.0877	0.1939
9	3.19	3.93	1	1.8542	0.0031	2.8573	0	0.2801	-0.0843	0.1958
10	4.14	4.46	1	1.8535	0.0033	2.8568	0	0.2754	-0.0798	0.1956
11	5	5.03	1	1.8526	0.0031	2.8557	0	0.2726	-0.0789	0.1937
12	5.3	5.6	1	1.8521	0.0027	2.8549	0	0.2735	-0.0783	0.1953
13	6.66	6.15	1	1.8513	0.0025	2.8538	0	0.2731	-0.076	0.1971
14	7.35	6.7	1	1.851	0.0024	2.8534	0	0.2723	-0.0748	0.1975
15	8.24	7.25	1	1.8508	0.0027	2.8535	0	0.2671	-0.0737	0.1934
16	9.22	7.79	1	1.8508	0.0029	2.8537	0	0.2659	-0.0725	0.1933
17	9.99	8.32	1	1.8507	0.003	2.8537	0	0.2606	-0.0715	0.1891
18	9.69	8.81	1	1.8505	0.0029	2.8534	0	0.2535	-0.0704	0.1831
19	10	9.29	1	1.8496	0.0029	2.8525	0	0.2467	-0.0695	0.1773
20	11	9.72	1	1.8501	0.0029	2.853	0	0.2446	-0.0698	0.1748
21	11	10	1	1.85	0.003	2.853	0	0.2475	-0.0685	0.179
22	10.7	10.4	1	1.8497	0.0031	2.8528	0	0.242	-0.0665	0.1755
23	10.9	10.6	1	1.8494	0.0032	2.8526	0	0.2387	-0.0656	0.1731
24	10.9	10.8	1	1.8493	0.0031	2.8524	0	0.2355	-0.0647	0.1708
25	10.9	11	1	1.8492	0.0029	2.8521	0	0.2315	-0.0638	0.1676
26	11.5	11.1	1	1.849	0.0029	2.8519	0	0.228	-0.063	0.165
27	11.7	11.2	1	1.8489	0.0029	2.8518	0	0.225	-0.0622	0.1628
28	12.1	11.3	1	1.8489	0.0029	2.8518	0	0.2259	-0.0614	0.1645

29	12.3	11.4	1	1.849	0.0029	2.8519	0	0.2193	-0.0606	0.1587
30	11.3	11.4	1	1.8495	0.0029	2.8523	0	0.2168	-0.0598	0.157
31	11.8	11.4	1	1.8495	0.0028	2.8522	0	0.2159	-0.0591	0.1568
32	11.4	11.4	1	1.8495	0.0027	2.8522	0	0.2174	-0.0584	0.159
33	11.3	11.5	1	1.8496	0.0027	2.8523	0	0.219	-0.0577	0.1613
34	11.2	11.5	1	1.8496	0.0027	2.8523	0	0.2133	-0.057	0.1563
35	11.2	11.5	1	1.8496	0.0026	2.8522	0	0.2111	-0.0563	0.1547
36	11.5	11.5	1	1.8496	0.0024	2.852	0	0.2153	-0.0557	0.1597
37	11.6	11.5	1	1.8499	0.0022	2.8521	0	0.2141	-0.055	0.1591
38	11.6	11.4	1	1.8501	0.0021	2.8522	0	0.2163	-0.0544	0.1619
39	11.1	11.4	1	1.8503	0.0021	2.8524	0	0.2203	-0.0538	0.1665
40	11	11.4	1	1.8499	0.0021	2.852	0	0.2167	-0.0532	0.1635
41	11.4	11.4	1	1.8498	0.0021	2.8519	0	0.2169	-0.0526	0.1643
42	11.8	11.4	1	1.8499	0.0021	2.852	0	0.2122	-0.052	0.1602
43	11.4	11.5	1	1.8502	0.0022	2.8524	0	0.2094	-0.0515	0.1579
44	11.7	11.5	1	1.8501	0.0023	2.8524	0	0.2048	-0.0509	0.1539
45	11.2	11.5	1	1.8501	0.0023	2.8524	0	0.2035	-0.0504	0.1531
46	12	11.5	1	1.85	0.0022	2.8522	0	0.2007	-0.0499	0.1508
47	10.7	11.5	1	1.8498	0.0023	2.8521	0	0.2037	-0.0494	0.1543
48	11.8	11.4	1	1.8495	0.0024	2.8519	0	0.2033	-0.0499	0.1535
49	11.8	11.4	1	1.8498	0.0024	2.8522	0	0.2027	-0.0482	0.1545
50	11.7	11.5	1	1.8498	0.0021	2.8519	0	0.2038	-0.0469	0.157
51	11.4	11.5	1	1.8499	0.002	2.8519	0	0.1852	-0.0183	0.1669
52	11.9	11.5	1	1.8498	0.0019	2.8517	0	0.1638	0.0057	0.1695
53	11.6	11.5	1	1.8496	0.002	2.8516	0	0.1525	0.0096	0.1621
54	11.1	11.4	1	1.8496	0.0024	2.8519	0	0.1437	0.0123	0.156
55	11.2	11.4	1	1.8493	0.0026	2.8519	0	0.132	0.0121	0.1442
56	11.5	11.3	1	1.8494	0.0025	2.8519	0	0.1216	0.0106	0.1322
57	10.8	11.3	1	1.8497	0.0026	2.8523	0	0.1132	0.0071	0.1203
58	10.9	11.2	1	1.8495	0.0025	2.852	0	0.1105	0.0067	0.1173
59	12	11.2	1	1.8495	0.0023	2.8518	0	0.1059	0.007	0.1129
60	11.8	11.1	1	1.8494	0.0023	2.8518	0	0.0985	0.0079	0.1064
61	11.9	11.1	1	1.8491	0.0024	2.8515	0	0.0898	0.01	0.0997
62	11.2	11.1	1	1.8489	0.0023	2.8512	0	0.0831	0.0084	0.0915
63	10.8	11	1	1.8486	0.0023	2.8509	0	0.0769	0.0043	0.0812
64	10.2	11	1	1.8487	0.0023	2.851	0	0.0697	0.0017	0.0714
65	10.5	10.9	1	1.8485	0.0023	2.8508	0	0.0644	0.001	0.0654

66	10.4	10.9	1	1.8486	0.0023	2.8509	0	0.0653	0.0043	0.0696
67	10.5	10.8	1	1.8488	0.0023	2.8511	0	0.0626	0.0061	0.0687
68	11	10.8	1	1.8491	0.0023	2.8514	0	0.066	0.0074	0.0734
69	10.8	10.7	1	1.849	0.0024	2.8514	0	0.0579	0.0053	0.0633
70	11.1	10.7	1	1.8485	0.0024	2.8509	0	0.0462	0.005	0.0512
71	11.1	10.6	1	1.8486	0.0023	2.8509	0	0.0503	0.0054	0.0557
72	10.8	10.5	1	1.8486	0.0023	2.8509	0	0.0466	0.0072	0.0538
73	10.4	10.5	1	1.8486	0.0023	2.8509	0	0.0419	0.0083	0.0502
74	10.2	10.5	1	1.8487	0.0023	2.851	0	0.0371	0.009	0.0461
75	10.2	10.5	1	1.8488	0.0023	2.851	0	0.0381	0.008	0.046
76	10.3	10.5	1	1.8488	0.0023	2.851	0	0.0356	0.0064	0.042
77	9.71	10.6	1	1.8485	0.0023	2.8508	0	0.0333	0.006	0.0393
78	11.1	10.5	1	1.8488	0.0023	2.851	0	0.0309	0.006	0.0369
79	10.8	10.4	1	1.8487	0.0023	2.851	0	0.0269	0.006	0.0329
80	10.1	10.4	1	1.8486	0.0023	2.8509	0	0.0354	0.0058	0.0412
81	10.1	10.4	1	1.8482	0.0023	2.8505	0	0.0408	0.0051	0.0459
82	9.95	10.4	1	1.8479	0.0023	2.8502	0	0.0403	0.0044	0.0448
83	10.4	10.4	1	1.8482	0.0023	2.8505	0	0.0433	0.003	0.0463
84	10.5	10.5	1	1.8481	0.0023	2.8504	0	0.0461	0.0039	0.05
85	10.7	10.5	1	1.8476	0.0023	2.8499	0	0.0445	0.0034	0.0478
86	11.1	10.5	1	1.8475	0.0023	2.8497	0	0.0427	0.0007	0.0434
87	10.2	10.5	1	1.847	0.0023	2.8493	0	0.0442	-0.003	0.0412
88	9.59	10.5	1	1.8465	0.0023	2.8488	0	0.0492	-0.0049	0.0444
89	10.5	10.5	1	1.8466	0.0023	2.8489	0	0.051	-0.0051	0.046
90	10.8	10.5	1	1.8463	0.0023	2.8486	0	0.0538	-0.005	0.0488
91	10.5	10.5	1	1.8465	0.0023	2.8488	0	0.0504	-0.005	0.0454
92	10.8	10.5	1	1.8466	0.0023	2.8489	0	0.0464	-0.0048	0.0416
93	11.2	10.5	1	1.8468	0.0023	2.8491	0	0.0492	-0.0043	0.0449
94	11	10.5	1	1.8467	0.0023	2.849	0	0.0511	-0.0035	0.0476
95	10.9	10.5	1	1.8468	0.0023	2.8491	0	0.0498	-0.002	0.0478
96	10.1	10.4	1	1.8463	0.0023	2.8486	0	0.049	-0.002	0.047
97	10.3	10.4	1	1.8461	0.0024	2.8485	0	0.0511	-0.0028	0.0483
98	10.2	10.5	1	1.846	0.0023	2.8483	0	0.0518	-0.0021	0.0497
99	9.85	10.4	1	1.8457	0.0022	2.8479	0	0.0464	-0.001	0.0454
100	10.2	10.4	1	1.8457	0.0022	2.848	0	0.0499	-0.0014	0.0485
101	10.8	10.4	1	1.8454	0.0023	2.8477	0	0.0518	-0.004	0.0478
102	10.5	10.3	1	1.8454	0.0022	2.8476	0	0.05	-0.0047	0.0453

103	10.3	10.3	1	1.8451	0.0023	2.8474	0	0.0515	-0.006	0.0455
104	9.92	10.3	1	1.8453	0.0022	2.8475	0	0.0529	-0.0049	0.048
105	10.3	10.2	1	1.8454	0.0023	2.8476	0	0.0549	-0.0014	0.0536
106	10	10.3	1	1.8452	0.0023	2.8475	0	0.0543	0.0008	0.0551
107	10.4	10.2	1	1.8444	0.0023	2.8467	0	0.0519	0.0001	0.052
108	10.1	10.3	1	1.8442	0.0023	2.8465	0	0.0531	0.001	0.0541
109	9.93	10.3	1	1.8443	0.0023	2.8466	0	0.0437	-0.0001	0.0436
110	10.2	10.3	1	1.8445	0.0023	2.8468	0	0.0389	-0.001	0.038
111	10.3	10.3	1	1.8443	0.0023	2.8466	0	0.0362	0.0004	0.0366
112	10.5	10.3	1	1.8444	0.0023	2.8467	0	0.0347	0.0019	0.0366
113	10.6	10.3	1	1.8444	0.0023	2.8467	0	0.0332	0.003	0.0363
114	10.1	10.3	1	1.8445	0.0023	2.8468	0	0.0321	0.0046	0.0367
115	10.5	10.3	1	1.8443	0.0022	2.8465	0	0.0322	0.004	0.0362
116	9.59	10.3	1	1.8445	0.0023	2.8468	0	0.0321	0.004	0.0361
117	10.6	10.3	1	1.8441	0.0023	2.8464	0	0.0381	0.004	0.0421
118	10.6	10.3	1	1.8447	0.0024	2.8471	0	0.0436	0.004	0.0476
119	10.3	10.3	1	1.845	0.0024	2.8474	0	0.0478	0.004	0.0519
120	10.5	10.4	1	1.8451	0.0024	2.8475	0	0.051	0.005	0.056
121	10.2	10.4	1	1.8453	0.0023	2.8476	0	0.0445	0.0047	0.0493
122	10.8	10.4	1	1.8455	0.0023	2.8478	0	0.0468	0.004	0.0508
123	10.3	10.4	1	1.8457	0.0023	2.848	0	0.0503	0.004	0.0543
124	9.97	10.4	1	1.8454	0.0023	2.8477	0	0.0514	0.004	0.0554
125	9.69	10.4	1	1.8456	0.0023	2.8479	0	0.0531	0.004	0.0571
126	10.2	10.5	1	1.8456	0.0023	2.8479	0	0.0522	0.004	0.0562
127	10.8	10.5	1	1.8458	0.0023	2.8481	0	0.0503	0.0033	0.0536
128	10.5	10.5	1	1.8462	0.0023	2.8485	0	0.0447	0.003	0.0477
129	10.8	10.5	1	1.8455	0.0023	2.8478	0	0.0461	0.003	0.0491
130	10.5	10.5	1	1.8454	0.0024	2.8477	0	0.0468	0.003	0.0498
131	10.9	10.5	1	1.8454	0.0023	2.8477	0	0.0423	0.003	0.0453
132	10.7	10.5	1	1.8452	0.0024	2.8476	0	0.0368	0.003	0.0398
133	10.9	10.5	1	1.845	0.0024	2.8473	0	0.0341	0.003	0.0371
134	10.4	10.5	1	1.8452	0.0024	2.8475	0	0.0411	0.003	0.0441
135	10.6	10.5	1	1.8453	0.0025	2.8478	0	0.0411	0.003	0.0441
136	10.1	10.6	1	1.8452	0.0027	2.8479	0	0.0397	0.003	0.0427
137	10.6	10.5	1	1.845	0.0027	2.8477	0	0.0387	0.003	0.0417
138	10.5	10.5	1	1.845	0.0026	2.8476	0	0.0317	0.003	0.0347
139	10.9	10.5	1	1.8449	0.0026	2.8475	0	0.0268	0.003	0.0298

140	10.3	10.5	1	1.8449	0.0026	2.8475	0	0.0327	0.003	0.0357
141	10.3	10.5	1	1.8452	0.0026	2.8478	0	0.0357	0.003	0.0387
142	10.6	10.4	1	1.845	0.0025	2.8475	0	0.0379	0.003	0.0409
143	10.5	10.4	1	1.845	0.0026	2.8476	0	0.0375	0.0032	0.0407
144	10.2	10.4	1	1.8452	0.0025	2.8477	0	0.0403	0.0031	0.0435
145	10.5	10.4	1	1.8452	0.0025	2.8477	0	0.0402	0.001	0.0412
146	10.4	10.4	1	1.8449	0.0025	2.8474	0	0.0416	0.0015	0.0431
147	10.2	10.4	1	1.8446	0.0025	2.8471	0	0.035	0.0032	0.0382
148	11	10.4	1	1.8448	0.0025	2.8473	0	0.0331	0.0043	0.0374
149	9.8	10.3	1	1.8448	0.0025	2.8473	0	0.0294	0.0013	0.0306
150	9.95	10.3	1	1.8446	0.0025	2.8471	0	0.0272	0	0.0272
151	9.94	10.3	1	1.8448	0.0025	2.8473	0	0.0258	0.0013	0.0271
152	10.2	10.3	1	1.8447	0.0025	2.8472	0	0.0259	0.0007	0.0266
153	10.7	10.3	1	1.8443	0.0025	2.8468	0	0.0242	0.0015	0.0257
154	10.6	10.3	1	1.8441	0.0025	2.8466	0	0.0213	0.002	0.0233
155	10.8	10.3	1	1.8439	0.0025	2.8464	0	0.0219	0.0013	0.0232
156	10.5	10.3	1	1.8442	0.0025	2.8467	0	0.0227	0.0018	0.0245
157	9.97	10.3	1	1.8444	0.0025	2.8469	0	0.0202	0.002	0.0222
158	9.87	10.3	1	1.8452	0.0025	2.8477	0	0.0143	0.002	0.0163
159	10.6	10.3	1	1.8457	0.0024	2.8481	0	0.0129	0.002	0.0149
160	10.3	10.4	1	1.8458	0.0023	2.8481	0	0.0174	0.002	0.0194
161	10.3	10.4	1	1.8456	0.0022	2.8478	0	0.0188	0.002	0.0208
162	10.2	10.4	1	1.8455	0.002	2.8475	0	0.0233	0.002	0.0253
163	10.1	10.4	1	1.8454	0.0018	2.8473	0	0.0231	0.002	0.0251
164	10.2	10.4	1	1.8455	0.0019	2.8474	0	0.0232	0.002	0.0252
165	10.5	10.3	1	1.8453	0.0019	2.8472	0	0.0262	0.002	0.0282
166	10.2	10.4	1	1.8448	0.0019	2.8467	0	0.0263	0.0012	0.0275
167	10.1	10.4	1	1.8445	0.0019	2.8464	0	0.0293	0.0019	0.0312
168	10.7	10.4	1	1.8443	0.0019	2.8462	0	0.0257	0.0021	0.0277
169	11.1	10.4	1	1.8439	0.0019	2.8458	0	0.0314	0.003	0.0344
170	10.7	10.4	1	1.8441	0.0019	2.846	0	0.035	0.003	0.038
171	10.1	10.4	1	1.844	0.0019	2.8459	0	0.0375	0.0027	0.0402
172	10.6	10.4	1	1.8436	0.0019	2.8455	0	0.0399	0.002	0.0419
173	10.5	10.4	1	1.8435	0.0019	2.8454	0	0.042	0.0021	0.0441
174	10.1	10.4	1	1.8434	0.0019	2.8453	0	0.0473	0.003	0.0503
175	10.8	10.4	1	1.8435	0.0019	2.8454	0	0.0394	0.003	0.0424
176	11	10.4	1	1.8437	0.002	2.8457	0	0.0403	0.003	0.0433

177	10.1	10.4	1	1.844	0.002	2.846	0	0.0397	0.003	0.0427
178	9.97	10.4	1	1.8441	0.002	2.8461	0	0.0366	0.0024	0.039
179	10.5	10.4	1	1.8441	0.002	2.8461	0	0.0357	0.002	0.0377
180	10.3	10.4	1	1.8444	0.002	2.8464	0	0.0283	0.0022	0.0305
181	9.92	10.4	1	1.8446	0.002	2.8466	0	0.0256	0.0028	0.0283
182	10.1	10.4	1	1.8445	0.002	2.8465	0	0.0247	0.0023	0.0271
183	10.4	10.4	1	1.8441	0.002	2.8461	0	0.0272	0.003	0.0302
184	10.6	10.4	1	1.844	0.002	2.846	0	0.0216	0.0025	0.0241
185	10.3	10.4	1	1.8436	0.002	2.8456	0	0.0217	0.0025	0.0242
186	10.7	10.3	1	1.8436	0.002	2.8456	0	0.0247	0.0043	0.029
187	10.4	10.3	1	1.8439	0.002	2.8459	0	0.0243	0.0057	0.03
188	9.86	10.3	1	1.8438	0.002	2.8458	0	0.0239	0.006	0.0299
189	10.7	10.3	1	1.8433	0.002	2.8453	0	0.0291	0.0051	0.0342
190	10.3	10.3	1	1.8428	0.002	2.8448	0	0.033	0.005	0.038
191	10.5	10.3	1	1.8428	0.002	2.8448	0	0.0351	0.005	0.0401
192	10.7	10.3	1	1.8429	0.002	2.8448	0	0.0393	0.0048	0.044
193	10.6	10.3	1	1.8428	0.002	2.8448	0	0.0371	0.0043	0.0414
194	10	10.2	1	1.8427	0.0022	2.8449	0	0.041	0.0046	0.0456
195	10.1	10.2	1	1.8426	0.0021	2.8448	0	0.0427	0.004	0.0467
196	10.4	10.2	1	1.8428	0.002	2.8448	0	0.0424	0.004	0.0464
197	10	10.2	1	1.8428	0.002	2.8448	0	0.0414	0.004	0.0454
198	10.2	10.2	1	1.8431	0.0022	2.8452	0	0.0397	0.004	0.0437
199	10.2	10.1	1	1.843	0.0022	2.8452	0	0.0412	0.004	0.0452
200	9.71	10.1	1	1.8431	0.0021	2.8452	0	0.0425	0.004	0.0465
201	10.2	10.1	1	1.8429	0.0022	2.8451	0	0.0456	0.004	0.0496
202	9.56	10	1	1.8429	0.0021	2.845	0	0.049	0.004	0.053
203	10	10	1	1.8429	0.0021	2.845	0	0.0501	0.004	0.0541
204	10.2	10.1	1	1.8431	0.0021	2.8452	0	0.0476	0.004	0.0516
205	10	10.1	1	1.8431	0.0021	2.8452	0	0.0471	0.004	0.0511
206	9.76	10	1	1.8432	0.0021	2.8452	0	0.0466	0.004	0.0506
207	9.81	10	1	1.843	0.0021	2.8451	0	0.0465	0.0044	0.051
208	9.97	10	1	1.8429	0.0021	2.845	0	0.0468	0.005	0.0518
209	10	10.1	1	1.8426	0.0021	2.8447	0	0.0517	0.005	0.0567
210	10.1	10.1	1	1.8426	0.0021	2.8447	0	0.0543	0.004	0.0583
211	9.87	10.1	1	1.842	0.0021	2.8441	0	0.0574	0.0029	0.0603
212	10.5	10.1	1	1.8421	0.0021	2.8442	0	0.056	0.0018	0.0578
213	10.4	10.1	1	1.842	0.0021	2.8441	0	0.0619	0	0.0619

214	10.1	10.2	1	1.8419	0.0021	2.844	0	0.0596	-0.0016	0.058
215	10.3	10.2	1	1.8417	0.0021	2.8438	0	0.0641	-0.001	0.0631
216	10.1	10.2	1	1.8416	0.0021	2.8437	0	0.0603	-0.001	0.0593
217	10.1	10.2	1	1.8415	0.0021	2.8436	0	0.0626	-0.001	0.0616
218	10.5	10.3	1	1.8416	0.0021	2.8437	0	0.0608	-0.001	0.0598
219	10.6	10.3	1	1.8415	0.0021	2.8436	0	0.0596	-0.001	0.0586
220	10.2	10.3	1	1.8414	0.0021	2.8435	0	0.0563	-0.001	0.0553
221	10.1	10.4	1	1.8414	0.0021	2.8435	0	0.0596	-0.001	0.0586
222	10.1	10.3	1	1.8413	0.0021	2.8434	0	0.0618	-0.001	0.0608
223	10.3	10.3	1	1.841	0.002	2.843	0	0.0577	-0.001	0.0567
224	10.1	10.3	1	1.8415	0.002	2.8435	0	0.0574	-0.001	0.0564
225	10.4	10.3	1	1.8416	0.002	2.8436	0	0.0538	-0.001	0.0528
226	10.6	10.3	1	1.8417	0.002	2.8437	0	0.0601	-0.001	0.0591
227	10.5	10.3	1	1.8421	0.0021	2.8442	0	0.0644	-0.0003	0.0641
228	10.9	10.3	1	1.8426	0.0021	2.8447	0	0.0656	0	0.0656
229	10.4	10.3	1	1.8427	0.0021	2.8448	0	0.0679	0	0.0679
230	10.4	10.3	1	1.8428	0.0021	2.8449	0	0.067	0	0.067
231	9.83	10.3	1	1.8429	0.0021	2.845	0	0.0696	0	0.0696
232	9.82	10.3	1	1.8425	0.0021	2.8446	0	0.0718	0	0.0718
233	10.4	10.3	1	1.8428	0.0021	2.8449	0	0.067	0	0.067
234	10.2	10.4	1	1.843	0.0021	2.8451	0	0.0577	0	0.0577
235	10.3	10.4	1	1.8428	0.0021	2.8449	0	0.0548	0	0.0548
236	10.4	10.4	1	1.8428	0.0021	2.8448	0	0.0555	0	0.0555
237	10.2	10.4	1	1.8426	0.0021	2.8447	0	0.0567	0	0.0567
238	10.1	10.4	1	1.8421	0.0021	2.8442	0	0.0567	0.0002	0.0569
239	9.91	10.4	1	1.8417	0.0021	2.8438	0	0.0571	0.0007	0.0577
240	10.6	10.4	1	1.8414	0.0021	2.8435	0	0.0503	0	0.0503
241	10.2	10.4	1	1.8413	0.0021	2.8434	0	0.0421	0	0.0421
242	10.9	10.4	1	1.8412	0.0021	2.8433	0	0.0442	0	0.0442
243	10.9	10.4	1	1.8409	0.0021	2.843	0	0.0442	-0.0002	0.044
244	11.2	10.4	1	1.8409	0.0021	2.843	0	0.044	-0.0001	0.0439
245	10.7	10.4	1	1.8409	0.0021	2.843	0	0.0456	0.002	0.0476
246	10.8	10.4	1	1.8407	0.0021	2.8428	0	0.043	0.0015	0.0445
247	10.2	10.5	1	1.8406	0.0021	2.8427	0	0.0449	-0.0002	0.0447
248	10.1	10.5	1	1.8407	0.0021	2.8428	0	0.0484	-0.0003	0.0481
249	10.4	10.5	1	1.8406	0.0021	2.8427	0	0.0476	0.0016	0.0492
250	10.4	10.5	1	1.84	0.0021	2.8421	0	0.0434	0.002	0.0454

251	9.76	10.5	1	1.84	0.0021	2.842	0	0.0434	0.001	0.0444
252	10	10.5	1	1.8396	0.0021	2.8417	0	0.0421	0.0019	0.044
253	10.8	10.5	1	1.8395	0.0021	2.8416	0	0.0428	0.0017	0.0445
254	10.4	10.4	1	1.8394	0.0021	2.8415	0	0.0429	0.002	0.0449
255	10.8	10.4	1	1.8393	0.0021	2.8414	0	0.0412	0.002	0.0432
256	10.6	10.4	1	1.8396	0.0021	2.8416	0	0.0434	0.002	0.0454
257	10.2	10.4	1	1.8398	0.002	2.8417	0	0.0451	0.002	0.0471
258	10.3	10.4	1	1.84	0.002	2.842	0	0.0446	0.002	0.0466
259	10.8	10.3	1	1.8402	0.002	2.8422	0	0.0432	0.002	0.0452
260	10.1	10.4	1	1.8401	0.002	2.8421	0	0.0411	0.002	0.0431
261	10.5	10.4	1	1.8401	0.002	2.8421	0	0.0434	0.002	0.0454
262	10.9	10.4	1	1.8394	0.002	2.8414	0	0.035	0.002	0.037
263	10.5	10.4	1	1.8395	0.002	2.8415	0	0.0349	0.002	0.0369
264	9.86	10.4	1	1.8391	0.002	2.8411	0	0.0369	0.002	0.0389
265	10.5	10.4	1	1.8393	0.002	2.8413	0	0.0318	0.002	0.0338
266	9.87	10.4	1	1.8385	0.002	2.8405	0	0.0302	0.002	0.0322
267	10.1	10.4	1	1.8384	0.002	2.8404	0	0.0275	0.002	0.0295
268	10.1	10.4	1	1.8383	0.002	2.8403	0	0.0309	0.0017	0.0326
269	10.8	10.3	1	1.8382	0.002	2.8402	0	0.0275	-0.0012	0.0263
270	10.6	10.3	1	1.8381	0.002	2.8401	0	0.0314	-0.002	0.0294
271	10.2	10.3	1	1.8378	0.002	2.8398	0	0.0281	-0.002	0.0261
272	9.99	10.3	1	1.8378	0.002	2.8398	0	0.028	-0.0015	0.0265
273	10.7	10.2	1	1.8378	0.002	2.8398	0	0.0264	-0.0011	0.0253
274	10.4	10.2	1	1.838	0.002	2.84	0	0.022	-0.002	0.02
275	10.4	10.2	1	1.8375	0.002	2.8395	0	0.0298	-0.002	0.0278
276	10.5	10.2	1	1.8373	0.002	2.8393	0	0.0295	-0.002	0.0275
277	10.3	10.2	1	1.8374	0.002	2.8394	0	0.0303	-0.002	0.0283
278	10.2	10.2	1	1.8373	0.002	2.8393	0	0.0328	-0.0014	0.0314
279	9.89	10.1	1	1.8373	0.002	2.8393	0	0.0381	-0.0009	0.0372
280	9.88	10.1	1	1.8374	0.002	2.8394	0	0.0377	0	0.0377
281	10.1	10	1	1.8374	0.002	2.8394	0	0.0417	0	0.0417
282	9.6	10.1	1	1.8378	0.002	2.8398	0	0.0449	-0.0004	0.0445
283	10.3	10	1	1.8383	0.002	2.8403	0	0.0417	-0.001	0.0407
284	9.96	10	1	1.8385	0.002	2.8405	0	0.0464	-0.001	0.0454
285	10.3	10	1	1.838	0.002	2.84	0	0.0485	-0.001	0.0475
286	9.45	10	1	1.8379	0.002	2.8399	0	0.0467	-0.0002	0.0465
287	9.36	10	1	1.8382	0.002	2.8402	0	0.0406	0	0.0406

288	9.69	10	1	1.8381	0.0019	2.84	0	0.0384	0	0.0384
289	10	10	1	1.8383	0.002	2.8403	0	0.035	0	0.035
290	9.68	10.1	1	1.8386	0.002	2.8406	0	0.0335	0	0.0335
291	10.4	10.1	1	1.8383	0.002	2.8403	0	0.0348	0	0.0348
292	10.5	10.1	1	1.8384	0.002	2.8404	0	0.0368	0	0.0368
293	9.93	10.1	1	1.8384	0.002	2.8404	0	0.0403	0	0.0403
294	10.4	10.1	1	1.8382	0.002	2.8402	0	0.0386	0	0.0386
295	10.6	10.1	1	1.8383	0.002	2.8403	0	0.0357	0	0.0357
296	10.2	10.1	1	1.8383	0.002	2.8403	0	0.0337	0	0.0337
297	10	10.1	1	1.838	0.002	2.84	0	0.032	0	0.032
298	10.4	10.2	1	1.8383	0.002	2.8403	0	0.0316	0	0.0316
299	10.2	10.2	1	1.8386	0.002	2.8406	0	0.0354	0	0.0354
300	10.3	10.2	1	1.8388	0.002	2.8408	0	0.0345	0	0.0345
301	10	10.2	1	1.8386	0.002	2.8406	0	0.0288	0	0.0288
302	9.78	10.2	1	1.8386	0.0019	2.8406	0	0.0282	0	0.0282
303	9.99	10.3	1	1.8386	0.0019	2.8405	0	0.0251	0	0.0251
304	10.4	10.3	1	1.839	0.0019	2.8409	0	0.0215	0	0.0215
305	10.2	10.3	1	1.8388	0.0019	2.8407	0	0.0188	0	0.0188
306	10.1	10.3	1	1.8386	0.0019	2.8405	0	0.0202	0	0.0202
307	9.88	10.3	1	1.8386	0.0019	2.8405	0	0.0258	-0.0004	0.0253
308	10.1	10.3	1	1.8386	0.0019	2.8405	0	0.0245	-0.001	0.0235
309	10.7	10.3	1	1.8385	0.0019	2.8404	0	0.0249	-0.001	0.0239
310	10.6	10.3	1	1.8383	0.0019	2.8402	0	0.0274	-0.001	0.0264
311	10.6	10.3	1	1.8385	0.0019	2.8404	0	0.0248	-0.001	0.0238
312	10.7	10.4	1	1.8386	0.0019	2.8405	0	0.0215	-0.001	0.0205
313	10.5	10.4	1	1.8384	0.0019	2.8403	0	0.0131	-0.001	0.0121
314	10.4	10.4	1	1.8387	0.0019	2.8406	0	0.0133	-0.001	0.0123
315	10.9	10.4	1	1.8387	0.0019	2.8406	0	0.009	-0.001	0.008
316	10.4	10.4	1	1.8388	0.0019	2.8407	0	0.017	-0.001	0.016
317	10.3	10.4	1	1.8384	0.0019	2.8404	0	0.0064	-0.001	0.0054
318	10.2	10.4	1	1.8388	0.0022	2.841	0	0.0031	-0.001	0.0021
319	10.2	10.4	1	1.8383	0.0023	2.8406	0	0.0025	-0.001	0.0015
320	10.2	10.4	1	1.8386	0.0023	2.8409	0	0.0018	-0.001	0.0008
321	10.7	10.3	1	1.8386	0.0023	2.8408	0	0.0034	-0.0005	0.0029
322	10.3	10.3	1	1.8387	0.0022	2.8409	0	0.0031	0	0.0031
323	10.2	10.3	1	1.8388	0.0022	2.841	0	0.0091	0	0.0091
324	10.4	10.3	1	1.8385	0.0022	2.8407	0	0.0075	0	0.0075

325	10.5	10.2	1	1.8386	0.0022	2.8408	0	0.0102	0	0.0102
326	10.4	10.2	1	1.8386	0.0022	2.8408	0	0.0082	0	0.0082
327	10.1	10.2	1	1.8388	0.0022	2.841	0	0.0073	0	0.0073
328	10.2	10.2	1	1.8388	0.0022	2.841	0	0.0039	0	0.0039
329	10.2	10.2	1	1.8389	0.0021	2.841	0	0.0029	0	0.0029
330	9.73	10.3	1	1.8386	0.0021	2.8407	0	0.0009	0	0.0009
331	10.1	10.3	1	1.8385	0.0021	2.8406	0	0.001	0	0.001
332	10.1	10.3	1	1.8383	0.0022	2.8405	0	0.0014	0	0.0014
333	9.74	10.3	1	1.8382	0.0022	2.8404	0	0.0019	0	0.0019
334	10	10.3	1	1.8382	0.0022	2.8404	0	0.0057	0	0.0057
335	10.2	10.2	1	1.8382	0.0021	2.8403	0	0.0125	0	0.0125
336	10.3	10.2	1	1.8387	0.0021	2.8408	0	0.0093	0	0.0093
337	10.2	10.2	1	1.8388	0.0021	2.8409	0	0.0061	0	0.0061
338	10.9	10.2	1	1.8386	0.0021	2.8407	0	0.0109	-0.0002	0.0107
339	11.1	10.2	1	1.8383	0.0021	2.8404	0	0.013	-0.0007	0.0123
340	10.4	10.2	1	1.8379	0.0021	2.84	0	0.0113	0.001	0.0123
341	10.1	10.2	1	1.8376	0.0021	2.8397	0	0.0152	0.001	0.0162
342	10.3	10.3	1	1.8372	0.0021	2.8393	0	0.0172	0.001	0.0182
343	10.3	10.3	1	1.8371	0.0021	2.8392	0	0.0254	0.001	0.0264
344	10.1	10.3	1	1.8373	0.0021	2.8394	0	0.0229	0.001	0.0239
345	10.1	10.3	1	1.8375	0.0021	2.8396	0	0.0189	0.001	0.0199
346	10.3	10.3	1	1.8375	0.0021	2.8396	0	0.0196	0.001	0.0206
347	10.6	10.3	1	1.8375	0.0021	2.8396	0	0.0215	0.001	0.0225
348	9.78	10.2	1	1.8372	0.0021	2.8393	0	0.0226	0.001	0.0236
349	9.95	10.2	1	1.8371	0.0021	2.8392	0	0.0259	0.001	0.0269
350	10.3	10.1	1	1.8371	0.0021	2.8392	0	0.0378	0.001	0.0388
351	10.4	10.2	1	1.8371	0.0021	2.8392	0	0.0435	0.001	0.0445
352	10.5	10.2	1	1.8371	0.0021	2.8392	0	0.0373	0.001	0.0383
353	10.1	10.2	1	1.8374	0.0021	2.8395	0	0.0341	-0.0007	0.0334
354	9.93	10.2	1	1.8375	0.0021	2.8396	0	0.0359	-0.001	0.0349
355	9.82	10.2	1	1.8372	0.0021	2.8393	0	0.038	-0.001	0.037
356	9.97	10.2	1	1.837	0.0021	2.8391	0	0.0348	-0.001	0.0338
357	10.1	10.1	1	1.8373	0.0021	2.8394	0	0.0371	-0.001	0.0361
358	9.84	10.1	1	1.8375	0.0021	2.8396	0	0.0367	-0.001	0.0357
359	10.2	10.1	1	1.8375	0.0021	2.8396	0	0.032	-0.001	0.031
360	10.4	10.1	1	1.8376	0.0021	2.8397	0	0.0262	-0.001	0.0252
361	10.4	10.1	1	1.8379	0.0021	2.84	0	0.0222	-0.001	0.0212

362	10.3	10.1	1	1.838	0.0021	2.8401	0	0.0218	-0.0002	0.0215
363	10.5	10.2	1	1.8382	0.0021	2.8403	0	0.0239	0	0.0239
364	9.91	10.2	1	1.8382	0.0021	2.8403	0	0.0258	0	0.0258
365	10.2	10.2	1	1.8376	0.0021	2.8397	0	0.0338	-0.001	0.0328
366	9.9	10.2	1	1.8379	0.0021	2.84	0	0.0387	0	0.0387
367	10.1	10.2	1	1.8381	0.0021	2.8402	0	0.0481	0	0.0481
368	9.41	10.3	1	1.8381	0.0021	2.8402	0	0.0453	0.0003	0.0456
369	10.3	10.3	1	1.838	0.0021	2.8401	0	0.0515	0.0032	0.0547
370	10.6	10.3	1	1.8377	0.0021	2.8398	0	0.0487	0.004	0.0527
371	10.5	10.3	1	1.8375	0.002	2.8395	0	0.0527	0.004	0.0567
372	10.7	10.2	1	1.8369	0.002	2.8389	0	0.052	0.0035	0.0555
373	10.2	10.2	1	1.837	0.002	2.839	0	0.0547	0.003	0.0577
374	10.6	10.2	1	1.837	0.002	2.839	0	0.0554	0.003	0.0584
375	10.2	10.2	1	1.8367	0.002	2.8387	0	0.0507	0.0023	0.053
376	10.3	10.2	1	1.8366	0.002	2.8386	0	0.0492	0.002	0.0512
377	10.2	10.2	1	1.837	0.002	2.839	0	0.0514	0.002	0.0534
378	10.6	10.2	1	1.8371	0.002	2.8391	0	0.0462	0.002	0.0482
379	10.1	10.2	1	1.8373	0.002	2.8393	0	0.0443	0.0019	0.0461
380	10.2	10.2	1	1.8373	0.002	2.8393	0	0.0446	0.001	0.0456
381	10	10.2	1	1.8372	0.002	2.8392	0	0.0422	0.001	0.0432
382	9.88	10.1	1	1.8376	0.002	2.8396	0	0.0454	0.0014	0.0468
383	9.61	10.2	1	1.8377	0.002	2.8397	0	0.0468	0.002	0.0488
384	9.67	10.2	1	1.8373	0.002	2.8393	0	0.0468	0.002	0.0488
385	10	10.2	1	1.8371	0.002	2.8391	0	0.0416	0.002	0.0436
386	10.1	10.2	1	1.8373	0.002	2.8393	0	0.0326	0.0012	0.0338
387	10.1	10.2	1	1.8371	0.002	2.8391	0	0.0369	0.001	0.0379
388	9.55	10.2	1	1.8368	0.002	2.8388	0	0.0376	0.001	0.0386
389	10.7	10.2	1	1.8371	0.0019	2.839	0	0.0401	0.001	0.0411
390	10.7	10.2	1	1.837	0.0019	2.8389	0	0.04	0.001	0.041
391	9.92	10.2	1	1.8366	0.0019	2.8385	0	0.0398	0.001	0.0408
392	10.4	10.2	1	1.8359	0.0019	2.8378	0	0.0355	0.001	0.0365
393	10.5	10.2	1	1.8361	0.0019	2.838	0	0.0287	0.001	0.0297
394	10.4	10.2	1	1.8363	0.0019	2.8382	0	0.0312	0.001	0.0322
395	10.2	10.2	1	1.8364	0.0019	2.8383	0	0.0312	0.001	0.0322
396	10.3	10.2	1	1.8362	0.0019	2.8381	0	0.0319	0.001	0.0329
397	10.5	10.2	1	1.8357	0.0019	2.8376	0	0.0333	0.001	0.0343
398	10.3	10.2	1	1.8357	0.0019	2.8376	0	0.0364	0.001	0.0374

399	9.81	10.1	1	1.8348	0.0019	2.8367	0	0.0338	0.001	0.0348
400	10.3	10.1	1	1.8345	0.0019	2.8364	0	0.0324	0.001	0.0334
401	10.3	10.1	1	1.8349	0.0019	2.8368	0	0.0355	0.001	0.0365
402	10.3	10.1	1	1.8352	0.002	2.8372	0	0.033	0.001	0.034
403	9.56	10.1	1	1.8351	0.002	2.8371	0	0.0293	0.001	0.0303
404	9.98	10.1	1	1.8352	0.002	2.8372	0	0.0314	0.001	0.0324
405	9.67	10.1	1	1.8353	0.002	2.8373	0	0.0313	0	0.0313
406	9.58	10	1	1.8349	0.002	2.8369	0	0.0241	0	0.0241
407	9.78	10	1	1.8349	0.002	2.8369	0	0.0267	0	0.0267
408	9.86	9.97	1	1.8353	0.002	2.8373	0	0.0372	0	0.0372
409	10.1	9.97	1	1.8359	0.002	2.8379	0	0.0379	0.0004	0.0383
410	10.4	9.94	1	1.8361	0.002	2.8381	0	0.0378	0.001	0.0388
411	10.1	9.9	1	1.8363	0.0019	2.8382	0	0.0389	0.001	0.0399
412	10.5	9.88	1	1.8363	0.0019	2.8382	0	0.0399	0.001	0.0409
413	9.67	9.89	1	1.8358	0.0019	2.8377	0	0.0358	0.0017	0.0376
414	10.2	9.87	1	1.8354	0.002	2.8374	0	0.0414	0.002	0.0434
415	9.59	9.87	1	1.8348	0.0019	2.8367	0	0.039	0.002	0.041
416	9.85	9.89	1	1.834	0.0019	2.8359	0	0.0344	0.002	0.0364
417	9.75	9.89	1	1.8339	0.0019	2.8358	0	0.0368	0.002	0.0388
418	9.92	9.9	1	1.8337	0.0019	2.8356	0	0.0414	0.0019	0.0433
419	9.62	9.88	1	1.8335	0.0019	2.8354	0	0.0418	0.001	0.0428
420	9.59	9.85	1	1.8333	0.0019	2.8352	0	0.0435	0.001	0.0445
421	9.91	9.82	1	1.8333	0.0019	2.8352	0	0.038	0.0005	0.0385
422	9.76	9.79	1	1.8332	0.0019	2.8351	0	0.0381	0	0.0381
423	9.58	9.79	1	1.8332	0.0019	2.8351	0	0.0334	0	0.0334
424	9.72	9.74	1	1.8334	0.002	2.8354	0	0.0349	0	0.0349
425	9.89	9.74	1	1.8337	0.002	2.8357	0	0.0313	0	0.0313
426	9.82	9.78	1	1.8335	0.002	2.8355	0	0.0289	0	0.0289
427	10.1	9.83	1	1.8342	0.002	2.8362	0	0.0315	0	0.0315
428	9.67	9.84	1	1.8343	0.002	2.8363	0	0.0359	0.001	0.0369
429	9.72	9.86	1	1.8344	0.002	2.8364	0	0.0341	0.001	0.0351
430	9.66	9.89	1	1.8344	0.002	2.8364	0	0.0379	0.001	0.0389
431	9.87	9.9	1	1.8339	0.002	2.8359	0	0.0376	0.001	0.0386
432	9.74	9.92	1	1.8336	0.002	2.8356	0	0.0403	0.0007	0.0411
433	9.24	9.96	1	1.8335	0.002	2.8355	0	0.0443	0.0004	0.0446
434	9.66	9.97	1	1.834	0.002	2.836	0	0.0509	0.001	0.0519
435	10.6	9.99	1	1.8349	0.002	2.8369	0	0.0494	0.001	0.0504

436	10.7	10	1	1.835	0.002	2.837	0	0.05	0.001	0.051
437	10.2	10	1	1.835	0.002	2.837	0	0.0576	0.001	0.0586
438	9.91	10.1	1	1.8346	0.002	2.8366	0	0.0576	0.001	0.0586
439	10.1	10.1	1	1.8343	0.002	2.8363	0	0.0517	0.001	0.0527
440	10.2	10.1	1	1.8339	0.002	2.8359	0	0.053	0	0.053
441	10	10.2	1	1.834	0.002	2.836	0	0.0526	0	0.0526
442	10.4	10.2	1	1.8343	0.002	2.8363	0	0.0432	0	0.0432
443	9.98	10.2	1	1.834	0.002	2.836	0	0.0275	0	0.0275
444	10.2	10.3	1	1.8342	0.002	2.8362	0	0.0253	0	0.0253
445	10.3	10.3	1	1.8343	0.002	2.8363	0	0.0266	0	0.0266
446	10.4	10.2	1	1.8342	0.002	2.8362	0	0.0291	0	0.0291
447	10.2	10.3	1	1.8338	0.002	2.8358	0	0.0286	0	0.0286
448	10.1	10.3	1	1.8338	0.002	2.8358	0	0.0268	0	0.0268
449	10.4	10.2	1	1.8339	0.002	2.8359	0	0.0287	0	0.0287
450	10.7	10.2	1	1.8336	0.002	2.8356	0	0.0227	0	0.0227
451	10.1	10.2	1	1.8338	0.002	2.8358	0	0.0155	0	0.0155
452	10.6	10.2	1	1.8342	0.002	2.8362	0	0.0247	0	0.0247
453	10.5	10.2	1	1.8343	0.002	2.8363	0	0.0299	0.001	0.0309
454	10.5	10.2	1	1.8344	0.0021	2.8365	0	0.0332	0.001	0.0342
455	9.91	10.2	1	1.8348	0.0021	2.8369	0	0.0376	0.001	0.0386
456	10.4	10.2	1	1.8343	0.0021	2.8364	0	0.0409	0.001	0.0419
457	10.1	10.2	1	1.8336	0.0021	2.8357	0	0.0407	0.001	0.0417
458	9.77	10.2	1	1.8337	0.0021	2.8358	0	0.0434	0.001	0.0444
459	9.56	10.2	1	1.8337	0.002	2.8357	0	0.0482	0.001	0.0492
460	9.84	10.2	1	1.8337	0.002	2.8357	0	0.0506	0.001	0.0516
461	10.3	10.2	1	1.8339	0.002	2.8359	0	0.053	0.001	0.054
462	10.3	10.2	1	1.8345	0.0019	2.8364	0	0.0553	0.0002	0.0555
463	10.2	10.1	1	1.834	0.0019	2.8359	0	0.0551	0	0.0551
464	9.95	10.1	1	1.8343	0.0019	2.8362	0	0.0503	0	0.0503
465	10.1	10.2	1	1.8342	0.0019	2.8361	0	0.0478	0.001	0.0488
466	10.5	10.2	1	1.8342	0.0019	2.8361	0	0.0453	0	0.0453
467	10.5	10.2	1	1.834	0.0019	2.8359	0	0.0369	0	0.0369
468	10.5	10.2	1	1.8339	0.002	2.8359	0	0.0364	0	0.0364
469	9.82	10.3	1	1.8337	0.002	2.8357	0	0.0336	0	0.0336
470	9.99	10.3	1	1.8339	0.002	2.8359	0	0.0305	0	0.0305
471	10.2	10.3	1	1.8337	0.002	2.8357	0	0.0297	0	0.0297
472	10.3	10.3	1	1.8336	0.002	2.8356	0	0.032	0	0.032

473	10.6	10.3	1	1.8335	0.002	2.8355	0	0.0314	0	0.0314
474	10.5	10.3	1	1.8339	0.002	2.8359	0	0.0323	0	0.0323
475	10.4	10.3	1	1.8338	0.002	2.8358	0	0.035	0.0007	0.0357
476	10.6	10.3	1	1.8334	0.002	2.8354	0	0.0382	0.001	0.0392
477	10.3	10.3	1	1.8334	0.0019	2.8353	0	0.0349	0.001	0.0359
478	10.7	10.3	1	1.8336	0.0019	2.8355	0	0.0418	0.001	0.0428
479	10.1	10.3	1	1.8335	0.0019	2.8354	0	0.0372	0.001	0.0382
480	9.81	10.3	1	1.8335	0.0019	2.8354	0	0.032	0.001	0.033
481	10.5	10.3	1	1.8332	0.0019	2.8351	0	0.0323	0.001	0.0333
482	10.2	10.3	1	1.8332	0.002	2.8351	0	0.0313	0.001	0.0323
483	10.5	10.3	1	1.8326	0.0019	2.8345	0	0.0252	0.001	0.0262
484	10.3	10.2	1	1.8324	0.0019	2.8343	0	0.0202	0.001	0.0212
485	10.1	10.3	1	1.8321	0.0019	2.834	0	0.0257	0.001	0.0267
486	10.2	10.2	1	1.8315	0.0019	2.8334	0	0.0329	0.001	0.0339
487	10.2	10.2	1	1.8313	0.0019	2.8332	0	0.0339	0.001	0.0349
488	10.1	10.2	1	1.8316	0.0019	2.8335	0	0.0328	0.001	0.0338
489	10.6	10.2	1	1.8318	0.0019	2.8337	0	0.0258	0.001	0.0268
490	9.75	10.2	1	1.8318	0.0019	2.8337	0	0.0247	0.001	0.0257
491	10.3	10.1	1	1.8323	0.0019	2.8342	0	0.0226	0.001	0.0236
492	10.1	10.1	1	1.8331	0.0019	2.835	0	0.0258	0.001	0.0268
493	9.89	10.1	1	1.8336	0.0019	2.8355	0	0.025	0.001	0.026
494	10.5	10.1	1	1.8336	0.0019	2.8355	0	0.0216	0.001	0.0226
495	10.5	10.1	1	1.8335	0.0019	2.8354	0	0.0256	0.001	0.0266
496	10.2	10.1	1	1.8333	0.0019	2.8352	0	0.0291	0.001	0.0301
497	9.7	10.1	1	1.8331	0.0019	2.835	0	0.0293	0.001	0.0303
498	9.83	10.1	1	1.8328	0.0019	2.8347	0	0.0267	0.001	0.0277
499	9.72	10.1	1	1.8326	0.0019	2.8345	0	0.025	0.001	0.026
500	10	10.1	1	1.8329	0.0019	2.8348	0	0.0266	0.001	0.0276
501	9.84	10.2	1	1.8325	0.0019	2.8344	0	0.0208	0.001	0.0218
502	10.1	10.2	1	1.8323	0.0019	2.8342	0	0.0218	0.001	0.0228
503	10.4	10.2	1	1.8317	0.0019	2.8336	0	0.0256	0.001	0.0266
504	10.2	10.2	1	1.8314	0.0019	2.8333	0	0.023	0.001	0.024
505	10	10.2	1	1.8312	0.0019	2.8331	0	0.0211	0.002	0.0231
506	10.4	10.2	1	1.8309	0.0019	2.8328	0	0.0259	0.002	0.0279
507	10.6	10.2	1	1.8305	0.0019	2.8324	0	0.0214	0.002	0.0234
508	10.2	10.3	1	1.8305	0.0019	2.8324	0	0.0103	0.002	0.0123
509	10.3	10.3	1	1.8308	0.0019	2.8327	0	0.0134	0.0016	0.015

510	10.6	10.3	1	1.8308	0.0019	2.8327	0	0.0134	0.001	0.0144
511	10.5	10.3	1	1.8308	0.0019	2.8326	0	0.0126	0.001	0.0136
512	10.5	10.3	1	1.8308	0.0019	2.8326	0	0.0132	0.001	0.0142
513	10.4	10.3	1	1.8308	0.0019	2.8326	0	0.0221	0.0003	0.0224
514	10.3	10.2	1	1.8306	0.0019	2.8325	0	0.0189	0	0.0189
515	10.2	10.2	1	1.8303	0.0019	2.8322	0	0.0192	0	0.0192
516	9.97	10.2	1	1.8303	0.0019	2.8322	0	0.0219	0	0.0219
517	10.7	10.1	1	1.8302	0.0019	2.8321	0	0.0247	0	0.0247
518	10.2	10.1	1	1.8303	0.0019	2.8322	0	0.021	0.0001	0.0211
519	10.1	10.1	1	1.8304	0.0019	2.8323	0	0.0282	0.001	0.0292
520	10	10	1	1.8303	0.0019	2.8322	0	0.0253	0.001	0.0263
521	9.76	10	1	1.8301	0.0019	2.832	0	0.0275	0.0009	0.0284
522	9.81	9.96	1	1.83	0.0019	2.8319	0	0.0282	0	0.0282
523	9.69	9.95	1	1.83	0.0019	2.8319	0	0.0275	0.0002	0.0277
524	9.33	9.92	1	1.83	0.0019	2.8319	0	0.0279	0.001	0.0289
525	10.1	9.91	1	1.8299	0.0019	2.8318	0	0.0356	0.001	0.0366
526	9.82	9.9	1	1.83	0.0019	2.8319	0	0.0368	0.001	0.0378
527	9.94	9.86	1	1.83	0.0019	2.8319	0	0.0339	0.001	0.0349
528	9.68	9.86	1	1.8306	0.0019	2.8325	0	0.0359	0	0.0359
529	9.29	9.85	1	1.8313	0.0019	2.8332	0	0.0382	0	0.0382
530	10	9.85	1	1.8312	0.0019	2.8331	0	0.0445	0.0007	0.0452
531	9.81	9.86	1	1.8308	0.0019	2.8327	0	0.0431	0.001	0.0441
532	10.4	9.86	1	1.8311	0.0019	2.833	0	0.0342	0.0013	0.0355
533	9.79	9.91	1	1.8315	0.0019	2.8334	0	0.0371	0.0007	0.0377
534	9.96	9.97	1	1.8314	0.0019	2.8333	0	0.0306	0	0.0306
535	9.83	9.95	1	1.8316	0.0019	2.8335	0	0.024	0	0.024
536	9.83	9.95	1	1.8316	0.0019	2.8335	0	0.0216	0	0.0216
537	10.3	9.98	1	1.8317	0.0019	2.8336	0	0.0136	0	0.0136
538	9.82	10	1	1.832	0.0019	2.8339	0	0.0074	0	0.0074
539	10	10.1	1	1.8318	0.0019	2.8337	0	0.0139	0	0.0139
540	10.1	10.2	1	1.8317	0.0019	2.8336	0	0.0169	0	0.0169
541	9.84	10.2	1	1.8315	0.0019	2.8334	0	0.0165	0	0.0165
542	10.6	10.2	1	1.8319	0.0019	2.8338	0	0.0231	0.0007	0.0238
543	10.3	10.3	1	1.8318	0.0019	2.8337	0	0.0365	0.001	0.0375
544	9.81	10.3	1	1.8316	0.0019	2.8335	0	0.0379	0.001	0.0389
545	9.86	10.3	1	1.8314	0.0019	2.8333	0	0.0414	0.0001	0.0415
546	10.4	10.3	1	1.8313	0.0019	2.8332	0	0.0383	0.001	0.0393

547	11	10.3	1	1.8311	0.0019	2.833	0	0.0325	0.001	0.0335
548	11.1	10.4	1	1.8313	0.0019	2.8332	0	0.0287	0.001	0.0297
549	10.4	10.4	1	1.8312	0.0019	2.8331	0	0.0248	0.001	0.0258
550	10.7	10.4	1	1.8315	0.0019	2.8334	0	0.0226	0.001	0.0236
551	10.4	10.4	1	1.8317	0.0019	2.8336	0	0.0291	0.001	0.0301
552	10.7	10.4	1	1.8317	0.0019	2.8336	0	0.0241	0.001	0.0251
553	10.2	10.4	1	1.8319	0.0019	2.8338	0	0.0188	0.0016	0.0204
554	10.6	10.4	1	1.8323	0.0019	2.8341	0	0.0101	0.002	0.0121
555	10	10.4	1	1.8322	0.0019	2.8341	0	0.0058	0.002	0.0078
556	10.6	10.4	1	1.8322	0.0019	2.8341	0	0.0034	0.002	0.0054
557	10.2	10.4	1	1.8326	0.0019	2.8345	0	-0.0015	0.002	0.0005
558	10.1	10.3	1	1.8324	0.0019	2.8343	0	-0.0024	0.002	-0.0004
559	10.4	10.3	1	1.8324	0.0019	2.8343	0	-0.0051	0.002	-0.0031
560	10.7	10.3	1	1.8325	0.0019	2.8344	0	-0.0014	0.002	0.0006
561	10.3	10.3	1	1.8326	0.0019	2.8345	0	-0.0001	0.002	0.0019
562	9.98	10.3	1	1.8322	0.0019	2.8341	0	0.0032	0.002	0.0052
563	10.3	10.3	1	1.8321	0.0019	2.834	0	0.0052	0.002	0.0072
564	10	10.3	1	1.8324	0.0019	2.8343	0	0.008	0.002	0.01
565	9.86	10.3	1	1.832	0.0019	2.8339	0	0.0067	0.0015	0.0083
566	10.5	10.2	1	1.8318	0.0019	2.8337	0	0.0042	0.001	0.0052
567	10.1	10.3	1	1.8318	0.0019	2.8337	0	0.0067	0.0016	0.0083
568	10.7	10.3	1	1.8311	0.0019	2.833	0	0.0083	0.0013	0.0097
569	10.8	10.3	1	1.8312	0.0019	2.8331	0	0.0094	0.001	0.0104
570	10.6	10.2	1	1.8312	0.0019	2.8331	0	0.0119	0.001	0.0129
571	10.2	10.2	1	1.8309	0.002	2.8329	0	0.0066	0.001	0.0076
572	10.2	10.2	1	1.8309	0.002	2.8328	0	0.0046	0.001	0.0056
573	10.1	10.2	1	1.8307	0.0019	2.8326	0	0.0056	0.001	0.0066
574	9.87	10.2	1	1.8303	0.0019	2.8322	0	0.0089	0.001	0.0099
575	9.93	10.2	1	1.8301	0.0019	2.832	0	0.0041	0.001	0.0051
576	10.3	10.1	1	1.83	0.0019	2.8319	0	0.0043	0.0011	0.0054
577	10.5	10.1	1	1.8299	0.0019	2.8318	0	0.0068	0.0019	0.0087
578	10.5	10.1	1	1.8298	0.0019	2.8317	0	0.0085	0.001	0.0095
579	9.91	10	1	1.829	0.0018	2.8309	0	0.0152	0.001	0.0162
580	10.1	9.96	1	1.8292	0.0018	2.831	0	0.017	0.001	0.018
581	10	9.93	1	1.8298	0.0018	2.8316	0	0.0181	0.001	0.0191
582	9.95	9.89	1	1.8295	0.0019	2.8314	0	0.0144	0.001	0.0154
583	9.54	9.84	1	1.8296	0.0019	2.8315	0	0.0138	0.001	0.0148

584	9.88	9.87	1	1.83	0.0019	2.8319	0	0.0179	0.001	0.0189
585	9.69	9.89	1	1.83	0.0019	2.8319	0	0.0207	0.001	0.0217
586	9.45	9.87	1	1.8302	0.0019	2.8321	0	0.0219	0.001	0.0229
587	9.62	9.88	1	1.8306	0.0019	2.8325	0	0.0224	0.001	0.0234
588	9.86	9.86	1	1.8302	0.0019	2.8321	0	0.0265	0.001	0.0275
589	9.65	9.89	1	1.8302	0.0019	2.8321	0	0.0269	0.001	0.0279
590	9.61	9.89	1	1.8301	0.0019	2.832	0	0.0268	0.001	0.0278
591	9.45	9.9	1	1.83	0.0018	2.8318	0	0.0319	0.001	0.0329
592	9.13	9.93	1	1.8295	0.0018	2.8313	0	0.0276	0.001	0.0286
593	10.5	9.96	1	1.8298	0.0018	2.8316	0	0.0295	0.0014	0.0309
594	10.4	9.94	1	1.8295	0.0019	2.8314	0	0.0299	0.002	0.0319
595	9.91	9.95	1	1.8296	0.0018	2.8314	0	0.027	0.0016	0.0286
596	10.7	9.99	1	1.8301	0.0018	2.8319	0	0.0264	0.001	0.0274
597	10.2	10	1	1.8302	0.0018	2.832	0	0.0255	0.0015	0.027
598	10.3	10	1	1.8304	0.0018	2.8322	0	0.027	0.002	0.029
599	10.2	10	1	1.8303	0.0018	2.8321	0	0.0258	0.002	0.0278
600	10.1	10.1	1	1.83	0.0018	2.8318	0	0.023	0.002	0.025
601	10.6	10.1	1	1.83	0.0018	2.8318	0	0.0289	0.002	0.0309
602	10.1	10.1	1	1.8304	0.0017	2.8321	0	0.031	0.002	0.033
603	9.52	10.1	1	1.8307	0.0017	2.8324	0	0.0301	0.002	0.0321
604	9.9	10.1	1	1.8309	0.0017	2.8326	0	0.036	0.002	0.038
605	10.2	10.1	1	1.8309	0.0017	2.8326	0	0.0399	0.0021	0.042
606	9.89	10.1	1	1.831	0.0017	2.8327	0	0.0395	0.003	0.0425
607	9.69	10.1	1	1.8308	0.0017	2.8325	0	0.0415	0.003	0.0445
608	9.97	10	1	1.831	0.0017	2.8327	0	0.043	0.003	0.046
609	10.7	10	1	1.8309	0.0017	2.8326	0	0.0414	0.003	0.0444
610	9.78	10.1	1	1.8308	0.0017	2.8325	0	0.0422	0.003	0.0452
611	9.61	10.1	1	1.8304	0.0017	2.8321	0	0.0416	0.003	0.0446
612	10	10.1	1	1.8302	0.0017	2.8319	0	0.0386	0.003	0.0416
613	10.3	10.1	1	1.83	0.0017	2.8317	0	0.0332	0.003	0.0362
614	10.3	10.2	1	1.8299	0.0017	2.8317	0	0.0325	0.003	0.0355
615	9.97	10.2	1	1.8298	0.0018	2.8316	0	0.0389	0.003	0.0419
616	9.78	10.2	1	1.8297	0.0017	2.8314	0	0.0341	0.003	0.0371
617	9.71	10.2	1	1.8294	0.0018	2.8312	0	0.0313	0.003	0.0343
618	10.5	10.2	1	1.8294	0.0018	2.8312	0	0.0336	0.0028	0.0365
619	10.7	10.2	1	1.8292	0.0018	2.831	0	0.0236	0.002	0.0256
620	10.4	10.3	1	1.8296	0.0018	2.8314	0	0.0233	0.002	0.0253

621	10.2	10.3	1	1.8297	0.0018	2.8315	0	0.025	0.0021	0.0272
622	10.3	10.3	1	1.8295	0.0018	2.8313	0	0.0241	0.003	0.0271
623	11	10.3	1	1.8291	0.0018	2.8309	0	0.0271	0.0028	0.0299
624	10	10.3	1	1.8295	0.0018	2.8313	0	0.0302	0.002	0.0322
625	10.1	10.3	1	1.8294	0.0018	2.8312	0	0.0278	0.002	0.0298
626	10.8	10.3	1	1.8293	0.0017	2.8311	0	0.0216	0.002	0.0236
627	10.5	10.3	1	1.8292	0.0018	2.831	0	0.0182	0.002	0.0202
628	10.5	10.3	1	1.8291	0.0018	2.8309	0	0.0172	0.002	0.0192
629	10.4	10.2	1	1.8296	0.0018	2.8314	0	0.0215	0.002	0.0235
630	10.1	10.2	1	1.8294	0.0018	2.8312	0	0.0165	0.0013	0.0177
631	9.77	10.2	1	1.8293	0.0018	2.8311	0	0.0164	0.001	0.0174
632	10.3	10.2	1	1.8297	0.0018	2.8315	0	0.0285	0.001	0.0295
633	10.4	10.2	1	1.8297	0.0018	2.8315	0	0.0262	0.002	0.0281
634	10.3	10.2	1	1.8293	0.0018	2.8311	0	0.0254	0.002	0.0274
635	9.9	10.2	1	1.8294	0.0018	2.8312	0	0.0338	0.002	0.0358
636	9.77	10.1	1	1.8294	0.0018	2.8312	0	0.0317	0.0021	0.0339
637	10.3	10.1	1	1.8291	0.0018	2.8309	0	0.0323	0.003	0.0353
638	9.61	10.1	1	1.8293	0.0018	2.8311	0	0.0376	0.003	0.0406
639	9.64	10.1	1	1.8292	0.0018	2.831	0	0.0339	0.0028	0.0367
640	9.6	10.1	1	1.8285	0.0018	2.8303	0	0.0357	0.002	0.0377
641	10.8	10.1	1	1.8287	0.0018	2.8305	0	0.0376	0.002	0.0396
642	10.4	10.1	1	1.8289	0.0018	2.8307	0	0.0366	0.0013	0.0379
643	10.2	10.1	1	1.8288	0.0017	2.8305	0	0.0397	0.001	0.0407
644	10	10.1	1	1.8289	0.0017	2.8307	0	0.0417	0.001	0.0427
645	9.82	10.1	1	1.8288	0.0018	2.8306	0	0.0346	0.0019	0.0365
646	10.3	10.1	1	1.8287	0.0018	2.8305	0	0.0337	0.001	0.0347
647	10.5	10.1	1	1.8284	0.0017	2.8301	0	0.0405	0.001	0.0415
648	10.5	10.1	1	1.8287	0.0017	2.8304	0	0.0404	0.001	0.0414
649	10.4	10.2	1	1.8289	0.0017	2.8306	0	0.0432	0.001	0.0442
650	10.1	10.2	1	1.8286	0.0017	2.8303	0	0.0405	0.001	0.0415
651	9.74	10.2	1	1.8285	0.0017	2.8302	0	0.0337	0.001	0.0347
652	10.1	10.2	1	1.8286	0.0017	2.8303	0	0.0358	0.001	0.0368
653	10.2	10.2	1	1.8283	0.0017	2.83	0	0.0431	0.0007	0.0439
654	9.77	10.2	1	1.8283	0.0017	2.83	0	0.0504	0.001	0.0514
655	10.1	10.3	1	1.8283	0.0016	2.8299	0	0.0526	0.0005	0.0531
656	9.88	10.3	1	1.828	0.0016	2.8296	0	0.0516	0.0011	0.0527
657	10	10.3	1	1.8283	0.0016	2.8299	0	0.0497	0.0026	0.0524

658	10.6	10.2	1	1.8283	0.0016	2.8299	0	0.0461	0.0015	0.0476
659	10.5	10.2	1	1.8281	0.0016	2.8297	0	0.0472	0.001	0.0482
660	10.4	10.2	1	1.8283	0.0016	2.8299	0	0.0434	0.0019	0.0452
661	10.7	10.2	1	1.8287	0.0016	2.8303	0	0.0405	0.0011	0.0416
662	10.5	10.2	1	1.8289	0.0016	2.8305	0	0.0448	0.001	0.0458
663	10.3	10.2	1	1.8289	0.0016	2.8305	0	0.0441	0.001	0.0451
664	11.1	10.3	1	1.8285	0.0016	2.8301	0	0.0444	0.001	0.0454
665	10	10.3	1	1.8286	0.0016	2.8302	0	0.047	0.0016	0.0486
666	9.95	10.3	1	1.8286	0.0016	2.8302	0	0.0423	0.003	0.0453
667	10	10.3	1	1.8285	0.0016	2.8301	0	0.0362	0.0021	0.0383
668	9.82	10.2	1	1.8287	0.0017	2.8304	0	0.0377	0.0017	0.0394
669	10	10.2	1	1.8288	0.0017	2.8305	0	0.038	0.002	0.04
670	10.4	10.2	1	1.8287	0.0017	2.8304	0	0.0336	0.002	0.0356
671	10.3	10.2	1	1.8284	0.0017	2.8301	0	0.0408	0.002	0.0428
672	10.1	10.2	1	1.8281	0.0017	2.8298	0	0.0427	0.002	0.0447
673	10.3	10.2	1	1.8277	0.0017	2.8294	0	0.0419	0.002	0.0439
674	10.2	10.2	1	1.8275	0.0017	2.8292	0	0.0384	0.002	0.0404
675	9.93	10.2	1	1.828	0.0017	2.8297	0	0.037	0.002	0.039
676	10	10.2	1	1.8282	0.0017	2.8299	0	0.0389	0.0019	0.0409
677	9.96	10.2	1	1.8281	0.0017	2.8298	0	0.0378	0.0011	0.0389
678	9.74	10.2	1	1.8277	0.0017	2.8294	0	0.0364	0.002	0.0384
679	10.8	10.1	1	1.8274	0.0017	2.8291	0	0.038	0.002	0.04
680	10.7	10.1	1	1.8276	0.0017	2.8293	0	0.0376	0.002	0.0396
681	11.1	10.1	1	1.8269	0.0017	2.8286	0	0.0354	0.002	0.0374
682	10.2	10.1	1	1.8268	0.0017	2.8285	0	0.0329	0.002	0.0349
683	9.98	10	1	1.827	0.0017	2.8287	0	0.0352	0.002	0.0372
684	9.8	10.1	1	1.8266	0.0017	2.8283	0	0.0364	0.002	0.0384
685	10.3	10	1	1.8268	0.0017	2.8285	0	0.0375	0.002	0.0395
686	9.87	10	1	1.8269	0.0016	2.8285	0	0.0404	0.002	0.0424
687	9.49	10.1	1	1.8268	0.0016	2.8284	0	0.041	0.002	0.043
688	9.69	10	1	1.8268	0.0016	2.8284	0	0.0362	0.003	0.0392
689	9.67	10	1	1.8266	0.0017	2.8283	0	0.043	0.003	0.046
690	9.46	10	1	1.8264	0.0017	2.8281	0	0.0412	0.003	0.0442
691	9.88	9.98	1	1.8263	0.0017	2.828	0	0.0362	0.003	0.0392
692	10	10	1	1.8255	0.0017	2.8272	0	0.0397	0.003	0.0427
693	10.5	10	1	1.8256	0.0017	2.8273	0	0.0474	0.0026	0.05
694	9.76	10.1	1	1.826	0.0017	2.8277	0	0.0483	0.002	0.0503

695	9.64	10.1	1	1.8263	0.0017	2.828	0	0.0491	0.0024	0.0516
696	10.5	10.1	1	1.826	0.0017	2.8277	0	0.0489	0.003	0.0519
697	9.64	10.2	1	1.8261	0.0017	2.8278	0	0.0499	0.0025	0.0524
698	10.7	10.2	1	1.8261	0.0017	2.8278	0	0.0511	0.002	0.0531
699	9.75	10.2	1	1.8263	0.0017	2.828	0	0.0576	0.002	0.0596
700	10.7	10.3	1	1.8266	0.0017	2.8283	0	0.0603	0.002	0.0623
701	10.7	10.3	1	1.8265	0.0017	2.8282	0	0.0562	0.002	0.0582
702	10.7	10.3	1	1.8261	0.0017	2.8277	0	0.0517	0.002	0.0537
703	10.6	10.3	1	1.8257	0.0016	2.8273	0	0.0546	0.002	0.0566
704	10.5	10.3	1	1.8256	0.0016	2.8272	0	0.0539	0.002	0.0559
705	10.5	10.3	1	1.8257	0.0016	2.8273	0	0.0541	0.0019	0.056
706	10.1	10.3	1	1.826	0.0014	2.8275	0	0.0541	0.001	0.0551
707	9.96	10.3	1	1.8262	0.0015	2.8277	0	0.0501	0.001	0.0511
708	10.4	10.3	1	1.8263	0.0016	2.8279	0	0.0485	0.001	0.0495
709	10.2	10.3	1	1.8266	0.0015	2.8281	0	0.0482	0.001	0.0492
710	9.89	10.3	1	1.8267	0.0016	2.8283	0	0.0445	0.0006	0.0451
711	10.6	10.2	1	1.8259	0.0016	2.8275	0	0.0451	0	0.0451
712	10.2	10.2	1	1.8258	0.0016	2.8274	0	0.0469	0	0.0469
713	10.2	10.2	1	1.8255	0.0016	2.8271	0	0.0529	0	0.0529
714	9.65	10.1	1	1.8252	0.0016	2.8268	0	0.0576	0	0.0576
715	10.5	10.1	1	1.8256	0.0015	2.8271	0	0.0553	0	0.0553
716	10.1	10.1	1	1.8261	0.0015	2.8276	0	0.0528	0	0.0528
717	10.3	10.1	1	1.8256	0.0016	2.8272	0	0.0569	0.0008	0.0578
718	10.4	10.1	1	1.8255	0.0016	2.8271	0	0.0572	0.0012	0.0584
719	9.96	10.1	1	1.8259	0.0016	2.8275	0	0.0586	0.002	0.0606
720	9.74	10.1	1	1.8256	0.0016	2.8272	0	0.0615	0.0011	0.0626
721	10.4	10.1	1	1.8254	0.0016	2.827	0	0.0566	0.001	0.0576
722	10.1	10	1	1.8253	0.0016	2.8269	0	0.0602	0.001	0.0612
723	9.58	10	1	1.8253	0.0016	2.8269	0	0.0618	0.002	0.0638
724	9.67	10	1	1.8258	0.0016	2.8274	0	0.0497	0.002	0.0517
725	10.2	10	1	1.8255	0.0016	2.8271	0	0.0478	0.002	0.0498
726	10.2	10	1	1.8256	0.0016	2.8272	0	0.0509	0.002	0.0529
727	10.4	9.98	1	1.8256	0.0016	2.8272	0	0.0509	0.002	0.0529
728	9.71	9.93	1	1.8253	0.0016	2.8269	0	0.0514	0.002	0.0534
729	10	9.94	1	1.8258	0.0016	2.8274	0	0.0472	0.0014	0.0486
730	10.1	9.97	1	1.8259	0.0016	2.8275	0	0.0383	0.0017	0.0399
731	9.66	9.98	1	1.826	0.0016	2.8276	0	0.036	0.002	0.038

732	9.86	10	1	1.8262	0.0016	2.8278	0	0.0297	0.002	0.0317
733	9.85	10	1	1.826	0.0016	2.8276	0	0.029	0.002	0.031
734	9.94	10.1	1	1.8256	0.0016	2.8272	0	0.0261	0.002	0.0281
735	10.1	10.1	1	1.8254	0.0016	2.827	0	0.0251	0.002	0.0271
736	9.76	10.1	1	1.8253	0.0016	2.8269	0	0.0212	0.0019	0.023
737	9.41	10.1	1	1.8254	0.0015	2.8269	0	0.022	0.001	0.023
738	10.3	10.1	1	1.8251	0.0015	2.8266	0	0.0211	0.001	0.0221
739	10.2	10.1	1	1.825	0.0015	2.8265	0	0.0194	0.0012	0.0206
740	10.7	10.1	1	1.8249	0.0015	2.8264	0	0.0216	0.002	0.0236
741	10.4	10.1	1	1.8247	0.0015	2.8262	0	0.0217	0.002	0.0237
742	10.6	10.1	1	1.8242	0.0015	2.8257	0	0.0206	0.002	0.0226
743	10.2	10.1	1	1.824	0.0015	2.8255	0	0.0135	0.002	0.0155
744	10.6	10.1	1	1.824	0.0015	2.8255	0	0.0129	0.002	0.0149
745	10.4	10.1	1	1.8239	0.0015	2.8254	0	0.0157	0.002	0.0177
746	10	10.2	1	1.8237	0.0015	2.8252	0	0.0201	0.002	0.0221
747	10.1	10.2	1	1.8233	0.0015	2.8248	0	0.0251	0.002	0.0271
748	9.85	10.2	1	1.823	0.0015	2.8245	0	0.0258	0.002	0.0278
749	10	10.2	1	1.8229	0.0015	2.8244	0	0.0209	0.002	0.0229
750	9.78	10.1	1	1.823	0.0015	2.8245	0	0.0214	0.002	0.0234
751	10.2	10.1	1	1.8234	0.0015	2.8249	0	0.0267	0.002	0.0287
752	9.8	10.1	1	1.8232	0.0015	2.8247	0	0.025	0.002	0.027
753	9.97	10.1	1	1.823	0.0015	2.8245	0	0.0244	0.0017	0.0261
754	9.94	10	1	1.8229	0.0015	2.8244	0	0.0238	0.001	0.0248
755	10.5	9.99	1	1.8229	0.0015	2.8244	0	0.023	0.0015	0.0245
756	9.98	9.99	1	1.823	0.0015	2.8245	0	0.0227	0.0009	0.0235
757	10.1	9.98	1	1.8234	0.0015	2.8249	0	0.0245	-0.0002	0.0242
758	10.2	10	1	1.8234	0.0015	2.8249	0	0.0261	0.0015	0.0276
759	10.1	10	1	1.8237	0.0015	2.8252	0	0.0286	0.002	0.0306
760	9.99	10	1	1.8238	0.0016	2.8254	0	0.0321	0.0011	0.0332
761	9.83	10	1	1.824	0.0016	2.8256	0	0.0316	0.0019	0.0335
762	9.56	10.1	1	1.8236	0.0016	2.8252	0	0.0233	0.002	0.0253
763	10.1	10	1	1.8231	0.0016	2.8247	0	0.0204	0.002	0.0224
764	9.64	10.1	1	1.823	0.0016	2.8246	0	0.015	0.002	0.017
765	10	10.1	1	1.8233	0.0016	2.8249	0	0.0151	0.0018	0.0169
766	10	10.1	1	1.8229	0.0015	2.8245	0	0.016	0.001	0.017
767	10.1	10.1	1	1.8228	0.0015	2.8243	0	0.0231	0.0013	0.0244
768	10.6	10.1	1	1.8228	0.0015	2.8243	0	0.0201	0.002	0.0221

769	10.2	10.1	1	1.8227	0.0016	2.8243	0	0.0214	0.002	0.0234
770	9.96	10.1	1	1.823	0.0016	2.8246	0	0.0283	0.002	0.0303
771	10.4	10.1	1	1.8224	0.0016	2.824	0	0.0259	0.002	0.0279
772	9.52	10.1	1	1.822	0.0015	2.8235	0	0.024	0.002	0.026
773	10.6	10.1	1	1.8227	0.0015	2.8242	0	0.0234	0.002	0.0254
774	10.3	10.1	1	1.8227	0.0015	2.8242	0	0.0239	0.002	0.0259
775	9.98	10.1	1	1.8229	0.0015	2.8244	0	0.0351	0.002	0.0371
776	10.3	10.1	1	1.8231	0.0015	2.8246	0	0.0342	0.002	0.0362
777	10.2	10	1	1.823	0.0015	2.8245	0	0.0345	0.002	0.0365
778	9.82	10	1	1.823	0.0016	2.8245	0	0.0439	0.002	0.0459
779	10.2	9.99	1	1.8236	0.0015	2.8251	0	0.0449	0.002	0.0469
780	9.75	9.99	1	1.824	0.0015	2.8255	0	0.0516	0.002	0.0536
781	9.99	9.99	1	1.824	0.0015	2.8255	0	0.0538	0.002	0.0558
782	10	10	1	1.824	0.0015	2.8255	0	0.056	0.002	0.058
783	10.2	10	1	1.8244	0.0015	2.8259	0	0.0623	0.003	0.0652
784	9.37	10	1	1.8241	0.0015	2.8256	0	0.0557	0.002	0.0577
785	10	10	1	1.8247	0.0015	2.8262	0	0.0493	0.002	0.0513
786	9.49	10	1	1.8247	0.0015	2.8262	0	0.0444	0.002	0.0464
787	10.1	10	1	1.8247	0.0015	2.8262	0	0.0401	0.002	0.0421
788	9.64	10.1	1	1.8249	0.0015	2.8264	0	0.0405	0.0014	0.0419
789	9.95	10.1	1	1.8244	0.0015	2.8259	0	0.0349	0.002	0.0369
790	10.4	10.1	1	1.8242	0.0015	2.8257	0	0.0343	0.002	0.0363
791	10.3	10.1	1	1.8243	0.0015	2.8258	0	0.0325	0.002	0.0345
792	10.2	10.1	1	1.8242	0.0015	2.8257	0	0.0332	0.0014	0.0347
793	10.6	10.1	1	1.8243	0.0015	2.8258	0	0.0255	0.001	0.0265
794	10.1	10.1	1	1.8245	0.0015	2.826	0	0.0231	0.001	0.0241
795	10.4	10.1	1	1.8243	0.0015	2.8258	0	0.0219	0.001	0.0229
796	10.1	10.2	1	1.8235	0.0015	2.825	0	0.0161	0.001	0.0171
797	10.6	10.2	1	1.8236	0.0015	2.8251	0	0.0155	0.001	0.0165
798	10.4	10.2	1	1.824	0.0015	2.8255	0	0.0138	0.001	0.0148
799	10	10.2	1	1.8241	0.0015	2.8256	0	0.0103	0.001	0.0113
800	10.1	10.2	1	1.824	0.0015	2.8255	0	0.0111	0.001	0.0121
801	10.2	10.2	1	1.824	0.0015	2.8255	0	0.0131	0.001	0.0141
802	10.1	10.1	1	1.8236	0.0015	2.8251	0	0.0153	0.001	0.0163
803	10	10.1	1	1.8233	0.0015	2.8248	0	0.0158	0.001	0.0168
804	10.3	10.1	1	1.8233	0.0015	2.8248	0	0.0138	0.001	0.0148
805	10.3	10.1	1	1.8234	0.0015	2.8249	0	0.0122	0.001	0.0132

806	10.1	10.2	1	1.8236	0.0015	2.8251	0	0.0152	0.001	0.0162
807	10.2	10.1	1	1.8236	0.0014	2.825	0	0.0139	0.001	0.0149
808	9.79	10.2	1	1.8234	0.0014	2.8249	0	0.0226	0.001	0.0236
809	9.63	10.2	1	1.8234	0.0014	2.8248	0	0.0229	0.001	0.0239
810	9.91	10.2	1	1.8236	0.0014	2.825	0	0.0214	0.0014	0.0228
811	9.75	10.2	1	1.8236	0.0014	2.825	0	0.0186	0.002	0.0206
812	10.4	10.2	1	1.8238	0.0014	2.8252	0	0.0242	0.002	0.0262
813	10.2	10.2	1	1.824	0.0014	2.8254	0	0.0213	0.002	0.0233
814	10.4	10.2	1	1.8237	0.0014	2.8251	0	0.0162	0.002	0.0182
815	10.7	10.2	1	1.824	0.0014	2.8254	0	0.0187	0.002	0.0207
816	10.4	10.2	1	1.8237	0.0014	2.8251	0	0.0236	0.002	0.0256
817	10.5	10.3	1	1.8236	0.0014	2.825	0	0.0212	0.0012	0.0224
818	10.5	10.3	1	1.8234	0.0014	2.8248	0	0.0205	0.001	0.0215
819	10.3	10.4	1	1.823	0.0014	2.8244	0	0.0219	0.001	0.0229
820	10.1	10.4	1	1.823	0.0014	2.8244	0	0.0198	0.0019	0.0217
821	10.4	10.5	1	1.823	0.0014	2.8244	0	0.0238	0.002	0.0258
822	10.3	10.4	1	1.823	0.0014	2.8244	0	0.0171	0.002	0.019
823	10.4	10.4	1	1.8229	0.0014	2.8243	0	0.0181	0.001	0.0191
824	10.5	10.4	1	1.8223	0.0014	2.8237	0	0.0264	0.001	0.0274
825	10.1	10.4	1	1.8221	0.0014	2.8235	0	0.025	0.001	0.026
826	10.7	10.5	1	1.8221	0.0014	2.8235	0	0.0272	0.001	0.0282
827	11.3	10.4	1	1.8212	0.0014	2.8226	0	0.0354	0.002	0.0373
828	10.7	10.4	1	1.8208	0.0014	2.8222	0	0.0393	0.002	0.0413
829	10.6	10.4	1	1.8206	0.0014	2.822	0	0.0321	0.0026	0.0347
830	10.3	10.4	1	1.8205	0.0014	2.8219	0	0.0397	0.0022	0.0418
831	10.2	10.3	1	1.8204	0.0014	2.8219	0	0.0483	0.001	0.0493
832	9.96	10.3	1	1.82	0.0013	2.8213	0	0.0505	0.001	0.0515
833	10.4	10.3	1	1.8205	0.0014	2.8219	0	0.0474	0.001	0.0484
834	10.5	10.2	1	1.8207	0.0014	2.8221	0	0.0518	0.0013	0.0531
835	10.8	10.2	1	1.8209	0.0014	2.8223	0	0.047	0.002	0.049
836	9.69	10.2	1	1.8212	0.0014	2.8226	0	0.0486	0.0015	0.0501
837	10.2	10.2	1	1.8214	0.0014	2.8228	0	0.0493	0.001	0.0503
838	10.2	10.1	1	1.8216	0.0013	2.8229	0	0.0483	0.001	0.0493
839	9.89	10.1	1	1.8216	0.0013	2.8229	0	0.0502	0.0017	0.0519
840	9.57	10.1	1	1.8216	0.0013	2.8229	0	0.0482	0.002	0.0502
841	9.47	10.1	1	1.8214	0.0014	2.8228	0	0.0456	0.002	0.0476
842	9.78	10.1	1	1.8216	0.0014	2.823	0	0.0471	0.002	0.0491

843	10.2	10.1	1	1.8217	0.0014	2.8231	0	0.0591	0.002	0.0611
844	9.88	10.2	1	1.8218	0.0014	2.8232	0	0.0658	0.002	0.0678
845	10.3	10.2	1	1.8223	0.0014	2.8237	0	0.0702	0.001	0.0712
846	10.5	10.2	1	1.8222	0.0014	2.8236	0	0.072	0.001	0.073
847	10.2	10.2	1	1.8219	0.0014	2.8234	0	0.0617	0.001	0.0627
848	9.9	10.2	1	1.8219	0.0014	2.8233	0	0.0645	0.001	0.0655
849	10.2	10.3	1	1.8218	0.0014	2.8232	0	0.0709	0.001	0.0719
850	10.2	10.3	1	1.8217	0.0014	2.8231	0	0.0712	0.0013	0.0725
851	10.3	10.3	1	1.8219	0.0014	2.8233	0	0.0678	0.002	0.0698
852	10.9	10.3	1	1.8216	0.0014	2.823	0	0.0681	0.002	0.0701
853	11	10.3	1	1.8216	0.0014	2.823	0	0.0646	0.002	0.0666
854	10.5	10.3	1	1.8216	0.0014	2.823	0	0.0613	0.002	0.0633
855	10.5	10.3	1	1.8213	0.0014	2.8227	0	0.0634	0.002	0.0654
856	10.3	10.3	1	1.8216	0.0014	2.823	0	0.0658	0.002	0.0678
857	10.5	10.3	1	1.8211	0.0014	2.8225	0	0.0642	0.0016	0.0657
858	10.8	10.3	1	1.8211	0.0014	2.8225	0	0.0676	0.001	0.0686
859	10.5	10.3	1	1.8216	0.0014	2.823	0	0.0698	0.001	0.0708
860	9.78	10.3	1	1.8219	0.0014	2.8233	0	0.0685	0.001	0.0695
861	9.81	10.3	1	1.8216	0.0014	2.823	0	0.0715	0.001	0.0725
862	9.58	10.2	1	1.8215	0.0014	2.8229	0	0.0761	0.001	0.0771
863	10.3	10.2	1	1.8215	0.0014	2.8229	0	0.0803	0.001	0.0813
864	10.5	10.2	1	1.8211	0.0014	2.8225	0	0.082	0.001	0.083
865	10	10.1	1	1.8209	0.0014	2.8223	0	0.0775	0.001	0.0785
866	9.93	10.1	1	1.8208	0.0014	2.8222	0	0.0802	0.001	0.0812
867	10	10.1	1	1.8207	0.0014	2.8221	0	0.0764	0.001	0.0774
868	9.79	10.1	1	1.8206	0.0014	2.822	0	0.0715	0.0003	0.0719
869	10	10.1	1	1.8207	0.0014	2.8221	0	0.0698	0	0.0698
870	10.1	10.1	1	1.8206	0.0014	2.822	0	0.0652	0	0.0652
871	10.6	10.1	1	1.8207	0.0014	2.8221	0	0.0643	0	0.0643
872	10.3	10.2	1	1.8201	0.0014	2.8215	0	0.0638	0	0.0638
873	9.82	10.2	1	1.8201	0.0014	2.8215	0	0.0695	0	0.0695
874	9.71	10.2	1	1.8203	0.0014	2.8217	0	0.07	0	0.07
875	9.91	10.2	1	1.8202	0.0014	2.8216	0	0.0657	0	0.0657
876	11	10.2	1	1.8196	0.0013	2.8209	0	0.0611	0	0.0611
877	10.4	10.2	1	1.8191	0.0013	2.8204	0	0.0562	0	0.0562
878	9.86	10.2	1	1.8197	0.0013	2.821	0	0.0463	0	0.0463
879	9.8	10.2	1	1.8196	0.0013	2.8209	0	0.0457	0	0.0457

880	10.7	10.2	1	1.8192	0.0014	2.8206	0	0.0429	0	0.0429
881	10.7	10.2	1	1.8189	0.0014	2.8203	0	0.0416	0	0.0416
882	10.1	10.1	1	1.8192	0.0014	2.8206	0	0.0425	0	0.0425
883	10.3	10.1	1	1.8192	0.0014	2.8206	0	0.0389	-0.001	0.0379
884	10.3	10.2	1	1.8194	0.0013	2.8207	0	0.0457	0	0.0457
885	10.4	10.2	1	1.8198	0.0013	2.8212	0	0.0448	0	0.0448
886	10.4	10.2	1	1.8198	0.0014	2.8212	0	0.0486	0	0.0486
887	10	10.2	1	1.8199	0.0014	2.8213	0	0.0515	0	0.0515
888	9.47	10.2	1	1.8199	0.0013	2.8212	0	0.0524	-0.0004	0.0521
889	9.9	10.2	1	1.8196	0.0013	2.8209	0	0.0568	-0.0019	0.0549
890	9.91	10.2	1	1.8196	0.0013	2.8209	0	0.0527	-0.002	0.0507
891	9.95	10.1	1	1.8196	0.0013	2.8209	0	0.0552	-0.002	0.0532
892	9.74	10.1	1	1.8183	0.0013	2.8196	0	0.0442	-0.0013	0.0428
893	10.6	10.1	1	1.8177	0.0013	2.819	0	0.0436	0	0.0436
894	10.4	10.1	1	1.8174	0.0014	2.8188	0	0.0427	0	0.0427
895	10.5	10	1	1.8171	0.0014	2.8185	0	0.0394	0	0.0394
896	10.3	9.99	1	1.8173	0.0014	2.8187	0	0.0459	0	0.0459
897	9.87	9.97	1	1.8171	0.0014	2.8185	0	0.0427	0	0.0427
898	10.4	9.99	1	1.8169	0.0014	2.8183	0	0.0422	0	0.0422
899	10.1	9.96	1	1.817	0.0014	2.8184	0	0.0438	0	0.0438
900	9.73	9.96	1	1.8172	0.0013	2.8185	0	0.0397	0	0.0397
901	9.89	9.92	1	1.8172	0.0013	2.8185	0	0.039	0	0.039
902	9.85	9.89	1	1.8172	0.0013	2.8185	0	0.0432	0	0.0432
903	10	9.83	1	1.8172	0.0013	2.8185	0	0.0431	0	0.0431
904	9.6	9.83	1	1.8169	0.0013	2.8182	0	0.0433	0	0.0433
905	9.53	9.79	1	1.8169	0.0013	2.8182	0	0.0485	0	0.0485
906	9.82	9.75	1	1.8172	0.0013	2.8185	0	0.04	0	0.04
907	9.78	9.73	1	1.8168	0.0013	2.8181	0	0.0449	-0.0009	0.044
908	9.4	9.71	1	1.8165	0.0013	2.8178	0	0.0401	0	0.0401
909	9.8	9.69	1	1.8165	0.0013	2.8178	0	0.0415	0	0.0415
910	9.21	9.67	1	1.8164	0.0013	2.8177	0	0.0479	0	0.0479
911	9.15	9.66	1	1.816	0.0013	2.8173	0	0.0495	0	0.0495
912	9.53	9.65	1	1.8158	0.0013	2.8171	0	0.0453	0	0.0453
913	10.3	9.63	1	1.8158	0.0013	2.8171	0	0.0447	0	0.0447
914	9.72	9.62	1	1.8159	0.0013	2.8173	0	0.0454	0	0.0454
915	9.5	9.6	1	1.816	0.0013	2.8173	0	0.0393	0	0.0393
916	9.61	9.58	1	1.8161	0.0013	2.8174	0	0.035	0	0.035

917	10	9.55	1	1.8165	0.0014	2.8178	0	0.0302	0	0.0302
918	9.58	9.57	1	1.8164	0.0014	2.8178	0	0.0258	0	0.0258
919	9.43	9.57	1	1.8165	0.0014	2.8179	0	0.027	0	0.027
920	9.68	9.59	1	1.8165	0.0014	2.8179	0	0.0287	0	0.0287
921	9.57	9.63	1	1.8166	0.0014	2.818	0	0.0318	0	0.0318
922	9.67	9.65	1	1.816	0.0014	2.8174	0	0.0312	0	0.0312
923	9.55	9.64	1	1.8159	0.0014	2.8173	0	0.0239	0	0.0239
924	9.04	9.67	1	1.8158	0.0014	2.8172	0	0.0262	0	0.0262
925	9.46	9.71	1	1.816	0.0014	2.8174	0	0.0324	0.0004	0.0328
926	9.25	9.72	1	1.8165	0.0014	2.8179	0	0.0325	0.001	0.0335
927	9.66	9.72	1	1.8165	0.0014	2.8179	0	0.0263	-0.0004	0.0258
928	9.79	9.73	1	1.8163	0.0014	2.8177	0	0.0208	-0.001	0.0198
929	9.62	9.73	1	1.8163	0.0014	2.8177	0	0.0304	-0.001	0.0294
930	9.87	9.78	1	1.8163	0.0014	2.8177	0	0.0278	-0.0008	0.0269
931	10	9.8	1	1.8162	0.0014	2.8176	0	0.0262	0	0.0262
932	10	9.83	1	1.8161	0.0014	2.8175	0	0.0217	0	0.0217
933	10.4	9.84	1	1.8159	0.0014	2.8173	0	0.028	0	0.028
934	10.3	9.89	1	1.8162	0.0014	2.8176	0	0.0383	-0.0003	0.038
935	9.72	9.93	1	1.8161	0.0014	2.8175	0	0.0396	-0.001	0.0386
936	10.2	9.96	1	1.8161	0.0014	2.8175	0	0.0426	-0.0005	0.0421
937	9.64	9.98	1	1.8161	0.0014	2.8175	0	0.0416	0	0.0416
938	9.46	10	1	1.8159	0.0015	2.8174	0	0.0437	0	0.0437
939	10.7	10.1	1	1.8163	0.0015	2.8178	0	0.0431	-0.0007	0.0424
940	9.98	10.1	1	1.8161	0.0015	2.8176	0	0.0393	-0.0009	0.0385
941	10.3	10.1	1	1.817	0.0015	2.8185	0	0.0456	0	0.0456
942	9.73	10.1	1	1.8173	0.0014	2.8187	0	0.0494	-0.0002	0.0491
943	9.94	10.1	1	1.8174	0.0014	2.8188	0	0.0417	-0.001	0.0407
944	10.2	10.2	1	1.8179	0.0014	2.8193	0	0.0391	-0.001	0.0381
945	9.92	10.2	1	1.8177	0.0014	2.8191	0	0.0391	0	0.0391
946	10.1	10.2	1	1.8179	0.0014	2.8193	0	0.0404	0	0.0404
947	10.4	10.3	1	1.8177	0.0014	2.8191	0	0.0452	0	0.0452
948	10.5	10.3	1	1.8176	0.0014	2.819	0	0.0446	0	0.0446
949	10.2	10.3	1	1.8178	0.0014	2.8192	0	0.0448	0	0.0448
950	10.5	10.3	1	1.8178	0.0014	2.8192	0	0.0466	-0.0003	0.0463
951	10.9	10.3	1	1.8175	0.0014	2.8189	0	0.0503	-0.001	0.0493
952	10.1	10.3	1	1.8173	0.0014	2.8187	0	0.0462	-0.001	0.0452
953	10.6	10.3	1	1.8173	0.0014	2.8187	0	0.0482	-0.001	0.0472

954	10.7	10.3	1	1.8168	0.0014	2.8182	0	0.0505	-0.0009	0.0496
955	10.4	10.3	1	1.8173	0.0014	2.8187	0	0.049	0	0.049
956	10.6	10.3	1	1.8172	0.0015	2.8186	0	0.0462	0	0.0462
957	10.8	10.3	1	1.8171	0.0014	2.8185	0	0.0433	0	0.0433
958	10.2	10.3	1	1.817	0.0014	2.8184	0	0.0375	0	0.0375
959	10.3	10.3	1	1.8168	0.0014	2.8182	0	0.0285	0	0.0285
960	10.1	10.3	1	1.817	0.0014	2.8184	0	0.025	0	0.025
961	9.95	10.3	1	1.8171	0.0014	2.8185	0	0.0207	0	0.0207
962	10.1	10.3	1	1.817	0.0014	2.8184	0	0.0143	0	0.0143
963	10.2	10.3	1	1.8169	0.0014	2.8183	0	0.0117	0	0.0117
964	9.93	10.2	1	1.8172	0.0014	2.8186	0	0.008	0	0.008
965	10	10.2	1	1.8174	0.0014	2.8188	0	0.0088	0	0.0088
966	10.5	10.2	1	1.8178	0.0014	2.8192	0	0.0078	0	0.0078
967	9.88	10.2	1	1.8181	0.0014	2.8195	0	0.0078	-0.0008	0.0069
968	9.61	10.2	1	1.818	0.0014	2.8194	0	0.0148	-0.0003	0.0145
969	10.3	10.2	1	1.8178	0.0014	2.8192	0	0.012	0	0.012
970	10.6	10.2	1	1.8175	0.0014	2.8189	0	0.0116	0	0.0116
971	10.1	10.2	1	1.8176	0.0014	2.819	0	0.0108	0	0.0108
972	10.6	10.2	1	1.8178	0.0014	2.8192	0	0.007	0	0.007
973	10.5	10.2	1	1.8175	0.0014	2.8189	0	0.0007	0	0.0007
974	10.3	10.2	1	1.817	0.0014	2.8184	0	-0.0043	0	-0.0043
975	10.6	10.3	1	1.8169	0.0013	2.8182	0	-0.0034	0	-0.0034
976	10.5	10.3	1	1.8169	0.0013	2.8183	0	-0.0019	0	-0.0019
977	10.1	10.3	1	1.817	0.0014	2.8184	0	0.0022	0	0.0022
978	10.3	10.3	1	1.8167	0.0014	2.8181	0	0.0018	0	0.0018
979	10.2	10.4	1	1.8168	0.0014	2.8182	0	0.0018	0	0.0018
980	10	10.3	1	1.8166	0.0014	2.818	0	0.0038	0	0.0038
981	9.87	10.3	1	1.8168	0.0014	2.8182	0	0.0065	0	0.0065
982	10.3	10.4	1	1.8164	0.0014	2.8178	0	0.0088	0	0.0088
983	10.4	10.4	1	1.8154	0.0014	2.8168	0	0.0092	0	0.0092
984	10.3	10.4	1	1.8154	0.0014	2.8168	0	0.0055	0	0.0055
985	10.9	10.3	1	1.8155	0.0014	2.8169	0	0.0076	0	0.0076
986	10.3	10.3	1	1.8156	0.0014	2.817	0	0.0119	0	0.0119
987	10.3	10.3	1	1.8156	0.0014	2.817	0	0.0094	0	0.0094
988	10.7	10.3	1	1.8156	0.0014	2.817	0	0.005	0	0.005
989	10.1	10.3	1	1.8157	0.0014	2.8171	0	0.0024	0.0009	0.0033
990	10.2	10.3	1	1.8151	0.0013	2.8164	0	0.0058	0.001	0.0068

991	11	10.3	1	1.8146	0.0013	2.8159	0	0.0043	0.001	0.0053
992	10.5	10.3	1	1.8141	0.0014	2.8155	0	0.0147	0.0009	0.0156
993	10.6	10.3	1	1.8138	0.0014	2.8152	0	0.017	0	0.017
994	10	10.2	1	1.8135	0.0014	2.8149	0	0.0206	0	0.0206
995	10.3	10.2	1	1.813	0.0014	2.8144	0	0.0248	0	0.0248
996	9.89	10.1	1	1.8128	0.0014	2.8142	0	0.025	0	0.025
997	10.1	10	1	1.8126	0.0014	2.814	0	0.0291	0	0.0291
998	10.2	9.96	1	1.8124	0.0014	2.8138	0	0.0297	0	0.0297
999	10.5	9.93	1	1.8124	0.0014	2.8138	0	0.0231	0	0.0231
1000	10	9.92	1	1.8122	0.0014	2.8136	0	0.0301	0.0001	0.0302
1001	9.41	9.86	1	1.8125	0.0014	2.8139	0	0.0321	0.001	0.0331
1002	10.1	9.81	1	1.8123	0.0014	2.8137	0	0.0278	0.001	0.0288
1003	9.47	9.76	1	1.8121	0.0014	2.8135	0	0.0281	0.001	0.0291
1004	9.51	9.76	1	1.812	0.0013	2.8133	0	0.0286	0.001	0.0296
1005	9.1	9.71	1	1.8122	0.0013	2.8135	0	0.0272	0.001	0.0282
1006	8.99	9.69	1	1.8129	0.0013	2.8142	0	0.0319	0.001	0.0329
1007	9.42	9.68	1	1.8131	0.0013	2.8144	0	0.0263	0.0019	0.0282
1008	9.56	9.68	1	1.8136	0.0013	2.8149	0	0.0254	0.001	0.0264
1009	9.86	9.66	1	1.814	0.0013	2.8153	0	0.0223	0.001	0.0233
1010	9.85	9.68	1	1.8144	0.0013	2.8157	0	0.0185	0.001	0.0195
1011	9.65	9.71	1	1.8146	0.0013	2.8159	0	0.0245	0.001	0.0255
1012	9.54	9.73	1	1.8146	0.0013	2.8159	0	0.0235	0.001	0.0245
1013	10	9.73	1	1.815	0.0013	2.8163	0	0.0238	0.001	0.0248
1014	9.51	9.77	1	1.8151	0.0013	2.8164	0	0.0251	0.001	0.0261
1015	9.4	9.82	1	1.8152	0.0013	2.8165	0	0.0274	0.001	0.0284
1016	9.95	9.89	1	1.8153	0.0014	2.8167	0	0.0282	0.0012	0.0294
1017	10.1	9.93	1	1.815	0.0014	2.8164	0	0.0341	0.002	0.0361
1018	10.1	9.96	1	1.8152	0.0014	2.8166	0	0.0399	0.002	0.0419
1019	10.4	9.96	1	1.8153	0.0014	2.8167	0	0.0413	0.002	0.0433
1020	10.1	9.98	1	1.8155	0.0014	2.8169	0	0.0412	0.002	0.0432
1021	10.4	10	1	1.8159	0.0014	2.8173	0	0.035	0.002	0.037
1022	9.54	10.1	1	1.8159	0.0014	2.8173	0	0.0327	0.0014	0.0341
1023	10.2	10.1	1	1.8163	0.0014	2.8177	0	0.033	0.001	0.034
1024	10.1	10.1	1	1.8161	0.0014	2.8175	0	0.0305	0.001	0.0315
1025	10.3	10.2	1	1.8162	0.0014	2.8176	0	0.0256	0.0014	0.027
1026	10.3	10.1	1	1.8163	0.0014	2.8177	0	0.0254	0.001	0.0264
1027	10.2	10.1	1	1.8163	0.0014	2.8177	0	0.034	0.0015	0.0355

1028	9.71	10.1	1	1.8161	0.0014	2.8175	0	0.0326	0.002	0.0346
1029	10.3	10.1	1	1.8159	0.0014	2.8173	0	0.0335	0.002	0.0355
1030	10.5	10.1	1	1.8157	0.0014	2.8171	0	0.0365	0.002	0.0385
1031	10.6	10.1	1	1.8153	0.0014	2.8167	0	0.0333	0.0019	0.0351
1032	9.9	10.1	1	1.8152	0.0014	2.8166	0	0.0367	0.001	0.0377
1033	10.7	10.1	1	1.8153	0.0014	2.8167	0	0.0314	0.001	0.0324
1034	9.83	10.1	1	1.8154	0.0014	2.8168	0	0.0201	0.001	0.0211
1035	9.69	10.2	1	1.8149	0.0014	2.8163	0	0.0188	0.001	0.0198
1036	10.1	10.1	1	1.8152	0.0014	2.8166	0	0.0205	0.001	0.0215
1037	9.99	10.2	1	1.8157	0.0014	2.8171	0	0.0205	0.001	0.0215
1038	9.79	10.2	1	1.8157	0.0014	2.8171	0	0.0219	0.001	0.0229
1039	10.3	10.2	1	1.8157	0.0014	2.8171	0	0.0241	0.001	0.0251
1040	10.4	10.2	1	1.8157	0.0014	2.8171	0	0.0267	0.0009	0.0275
1041	9.88	10.2	1	1.8155	0.0014	2.8169	0	0.0221	0	0.0221
1042	9.87	10.2	1	1.8156	0.0014	2.817	0	0.0219	0.0002	0.0221
1043	10.6	10.2	1	1.8153	0.0014	2.8167	0	0.0146	0.001	0.0156
1044	10.3	10.2	1	1.8154	0.0014	2.8168	0	0.008	0.001	0.009
1045	10.1	10.2	1	1.8152	0.0014	2.8166	0	0.0027	0.001	0.0037
1046	10.4	10.2	1	1.815	0.0014	2.8164	0	-0.001	0.001	0
1047	10.7	10.2	1	1.8148	0.0014	2.8162	0	-0.003	0.0009	-0.0021
1048	10.1	10.3	1	1.8152	0.0014	2.8166	0	-0.0091	0	-0.0091
1049	10.4	10.3	1	1.8148	0.0014	2.8162	0	-0.0149	0	-0.0149
1050	10.6	10.3	1	1.8146	0.0013	2.8159	0	-0.0164	0	-0.0164
1051	10.1	10.3	1	1.8148	0.0013	2.8161	0	-0.0224	0	-0.0224
1052	10.3	10.3	1	1.8145	0.0013	2.8158	0	-0.0207	0	-0.0207
1053	10.7	10.2	1	1.8144	0.0013	2.8157	0	-0.0216	0	-0.0216
1054	9.97	10.2	1	1.8141	0.0013	2.8154	0	-0.0235	-0.0001	-0.0235
1055	9.86	10.2	1	1.8142	0.0013	2.8155	0	-0.0228	-0.001	-0.0238
1056	10.1	10.2	1	1.8145	0.0013	2.8158	0	-0.0169	-0.001	-0.0179
1057	10.2	10.2	1	1.8146	0.0013	2.8159	0	-0.0091	-0.001	-0.0101
1058	10.7	10.2	1	1.8148	0.0013	2.8161	0	-0.0089	-0.001	-0.0099
1059	10.3	10.2	1	1.8149	0.0013	2.8162	0	-0.0063	-0.001	-0.0073
1060	10.1	10.2	1	1.8145	0.0013	2.8158	0	-0.002	-0.001	-0.003
1061	9.69	10.2	1	1.8147	0.0013	2.816	0	0.0018	-0.001	0.0008
1062	10.1	10.2	1	1.8146	0.0013	2.8159	0	0.0038	-0.001	0.0028
1063	9.99	10.2	1	1.8144	0.0013	2.8157	0	0.011	-0.001	0.01
1064	10	10.2	1	1.8144	0.0013	2.8157	0	0.0181	-0.001	0.0171

1065	10.5	10.3	1	1.8146	0.0013	2.8159	0	0.0152	-0.001	0.0142
1066	10.3	10.3	1	1.8144	0.0012	2.8156	0	0.0191	-0.0005	0.0186
1067	10.4	10.3	1	1.8141	0.0012	2.8153	0	0.0228	0.0008	0.0236
1068	10.2	10.3	1	1.8138	0.0012	2.815	0	0.0189	0.001	0.0199
1069	9.95	10.3	1	1.8137	0.0012	2.8149	0	0.0221	0.001	0.0231
1070	9.73	10.3	1	1.814	0.0012	2.8152	0	0.0224	0.001	0.0234
1071	10.3	10.3	1	1.8143	0.0013	2.8156	0	0.024	0.001	0.025
1072	10.9	10.3	1	1.8144	0.0013	2.8158	0	0.028	0.001	0.029
1073	10.8	10.3	1	1.8144	0.0013	2.8158	0	0.0259	0.002	0.0279
1074	10.8	10.4	1	1.8144	0.0012	2.8157	0	0.0354	0.005	0.0404
1075	10.2	10.3	1	1.8144	0.0012	2.8156	0	0.0363	0.005	0.0413
1076	10.1	10.3	1	1.8135	0.0012	2.8147	0	0.0361	0.005	0.0411
1077	10.8	10.3	1	1.8137	0.0012	2.8149	0	0.0457	0.005	0.0507
1078	10.5	10.3	1	1.8133	0.0012	2.8145	0	0.0485	0.005	0.0535
1079	10.6	10.3	1	1.8132	0.0012	2.8144	0	0.0466	0.005	0.0516
1080	9.57	10.3	1	1.8132	0.0012	2.8144	0	0.0444	0.005	0.0494
1081	10.7	10.3	1	1.8131	0.0013	2.8144	0	0.0436	0.005	0.0486
1082	10.1	10.3	1	1.8133	0.0013	2.8146	0	0.0428	0.005	0.0478
1083	10.6	10.3	1	1.8134	0.0013	2.8147	0	0.0408	0.005	0.0458
1084	9.89	10.2	1	1.8135	0.0013	2.8148	0	0.0426	0.005	0.0476
1085	9.88	10.2	1	1.8135	0.0013	2.8148	0	0.043	0.005	0.048
1086	9.82	10.2	1	1.8136	0.0013	2.8149	0	0.0346	0.005	0.0396
1087	10.2	10.2	1	1.8134	0.0013	2.8147	0	0.0408	0.005	0.0458
1088	10	10.2	1	1.8131	0.0013	2.8144	0	0.0451	0.005	0.0501
1089	9.72	10.2	1	1.813	0.0013	2.8143	0	0.0491	0.005	0.0541
1090	10.2	10.2	1	1.8129	0.0013	2.8142	0	0.0503	0.005	0.0553
1091	10.6	10.2	1	1.8124	0.0013	2.8137	0	0.0475	0.005	0.0525
1092	10.5	10.2	1	1.8126	0.0013	2.8139	0	0.0476	0.005	0.0526
1093	9.86	10.2	1	1.813	0.0013	2.8143	0	0.0498	0.005	0.0548
1094	10.1	10.2	1	1.8132	0.0013	2.8145	0	0.0505	0.005	0.0555
1095	10.1	10.2	1	1.8131	0.0013	2.8144	0	0.0515	0.0044	0.0559
1096	10.2	10.3	1	1.8131	0.0013	2.8144	0	0.0496	0.0047	0.0542
1097	10.4	10.3	1	1.8136	0.0014	2.815	0	0.0451	0.0029	0.0479
1098	10.8	10.3	1	1.8139	0.0014	2.8153	0	0.0406	0.0006	0.0412
1099	10.3	10.3	1	1.814	0.0014	2.8154	0	0.0464	0	0.0464
1100	10.3	10.3	1	1.8144	0.0014	2.8158	0	0.0427	-0.0009	0.0418
1101	10.2	10.3	1	1.8146	0.0014	2.816	0	0.0361	-0.002	0.0341

1102	9.84	10.3	1	1.8145	0.0014	2.8159	0	0.0379	-0.002	0.0359
1103	10.4	10.3	1	1.8145	0.0014	2.8159	0	0.04	-0.002	0.038
1104	10.8	10.3	1	1.8143	0.0014	2.8157	0	0.0374	-0.001	0.0364
1105	10.8	10.3	1	1.8139	0.0014	2.8153	0	0.0393	-0.001	0.0383
1106	10.2	10.3	1	1.8138	0.0014	2.8152	0	0.0461	-0.001	0.0451
1107	10.4	10.3	1	1.8139	0.0014	2.8153	0	0.05	-0.0012	0.0489
1108	10.1	10.2	1	1.8143	0.0014	2.8157	0	0.0528	-0.0018	0.051
1109	9.96	10.2	1	1.8142	0.0014	2.8156	0	0.0577	-0.001	0.0567
1110	10.4	10.2	1	1.8142	0.0014	2.8156	0	0.0632	-0.0006	0.0626
1111	9.99	10.2	1	1.8142	0.0014	2.8156	0	0.0612	0.0005	0.0617
1112	10.2	10.2	1	1.8135	0.0014	2.8149	0	0.0648	0.001	0.0658
1113	10.3	10.2	1	1.8132	0.0014	2.8146	0	0.0592	0.0021	0.0612
1114	10.4	10.2	1	1.8135	0.0014	2.8149	0	0.0535	0.0042	0.0576
1115	9.99	10.2	1	1.8133	0.0014	2.8147	0	0.0523	0.0077	0.06
1116	10.1	10.2	1	1.8131	0.0013	2.8144	0	0.0558	0.0088	0.0646
1117	10.1	10.2	1	1.8131	0.0013	2.8144	0	0.0518	0.008	0.0598
1118	9.91	10.2	1	1.813	0.0013	2.8143	0	0.0507	0.0061	0.0569
1119	10.1	10.2	1	1.8131	0.0013	2.8144	0	0.0418	0.001	0.0427
1120	10	10.2	1	1.8131	0.0013	2.8144	0	0.042	0.0008	0.0428
1121	10.4	10.2	1	1.8131	0.0013	2.8144	0	0.04	0.007	0.047
1122	10.7	10.2	1	1.8133	0.0012	2.8145	0	0.0379	0.0076	0.0455
1123	9.75	10.2	1	1.8127	0.0009	2.8136	0	0.037	0.0076	0.0446
1124	10.6	10.2	1	1.8125	0.0009	2.8134	0	0.0384	0.007	0.0454
1125	10.4	10.2	1	1.8126	0.0009	2.8135	0	0.0378	0.0062	0.044
1126	10.1	10.2	1	1.8117	0.0009	2.8126	0	0.0365	0.0054	0.0418
1127	10.3	10.2	1	1.8115	0.0009	2.8124	0	0.0297	0.002	0.0317
1128	10.1	10.2	1	1.8114	0.0009	2.8123	0	0.0335	-0.0007	0.0329
1129	10.2	10.2	1	1.8115	0.0009	2.8124	0	0.0299	-0.0019	0.028
1130	10.5	10.2	1	1.8113	0.0009	2.8122	0	0.025	-0.002	0.023
1131	10.4	10.2	1	1.811	0.0009	2.8119	0	0.023	-0.0029	0.0201
1132	10.1	10.2	1	1.8111	0.0009	2.812	0	0.0239	-0.0018	0.0221
1133	10.2	10.2	1	1.8111	0.0009	2.812	0	0.0282	-0.001	0.0272
1134	10.4	10.1	1	1.8111	0.0009	2.812	0	0.031	-0.001	0.03
1135	9.83	10.2	1	1.8114	0.0009	2.8123	0	0.0356	-0.001	0.0346
1136	9.81	10.2	1	1.8111	0.0009	2.812	0	0.0369	-0.001	0.0359
1137	9.95	10.2	1	1.8111	0.0009	2.812	0	0.0398	-0.001	0.0388
1138	10	10.2	1	1.8107	0.0009	2.8116	0	0.0352	-0.001	0.0342

1139	10.3	10.2	1	1.8107	0.0009	2.8116	0	0.0304	-0.001	0.0294
1140	10.4	10.2	1	1.8109	0.0009	2.8118	0	0.0313	-0.001	0.0303
1141	9.95	10.2	1	1.8108	0.0009	2.8117	0	0.0272	-0.001	0.0262
1142	9.62	10.2	1	1.8106	0.0009	2.8115	0	0.0245	-0.001	0.0235
1143	10.2	10.3	1	1.8103	0.0009	2.8112	0	0.0243	-0.001	0.0233
1144	10.6	10.3	1	1.8103	0.001	2.8112	0	0.0318	-0.001	0.0308
1145	10.2	10.3	1	1.8103	0.0009	2.8112	0	0.0388	-0.001	0.0378
1146	10.3	10.3	1	1.8105	0.0011	2.8116	0	0.0427	-0.001	0.0417
1147	10.3	10.3	1	1.8107	0.0013	2.812	0	0.0422	-0.0009	0.0413
1148	10.2	10.3	1	1.8106	0.0014	2.812	0	0.0484	0	0.0484
1149	10.7	10.3	1	1.8105	0.0015	2.812	0	0.055	0.0006	0.0557
1150	10.8	10.3	1	1.811	0.0015	2.8125	0	0.0578	0.001	0.0588
1151	10.7	10.3	1	1.811	0.0015	2.8125	0	0.0633	0.001	0.0643
1152	11	10.3	1	1.8105	0.0015	2.812	0	0.0701	0.001	0.0711
1153	10.2	10.3	1	1.8106	0.0014	2.812	0	0.0706	0.001	0.0716
1154	10.4	10.3	1	1.8101	0.0014	2.8115	0	0.0725	0.001	0.0735
1155	10.1	10.3	1	1.8096	0.0014	2.811	0	0.0726	0.001	0.0736
1156	9.73	10.3	1	1.8095	0.0014	2.8109	0	0.0683	0.001	0.0693
1157	10.1	10.3	1	1.8093	0.0015	2.8108	0	0.0685	0.001	0.0695
1158	9.94	10.3	1	1.809	0.0014	2.8104	0	0.0724	0.001	0.0734
1159	9.88	10.3	1	1.8086	0.0014	2.81	0	0.0805	0.001	0.0815
1160	10.2	10.3	1	1.8084	0.0013	2.8097	0	0.0845	0.001	0.0855
1161	10.2	10.2	1	1.8082	0.0012	2.8095	0	0.086	0.001	0.087
1162	10.1	10.1	1	1.8087	0.0011	2.8098	0	0.0848	0.001	0.0858
1163	10.2	10.1	1	1.8091	0.0009	2.81	0	0.0781	0.001	0.0791
1164	10.3	10.1	1	1.8092	0.0005	2.8097	0	0.069	0.001	0.07
1165	10.3	10.1	1	1.809	0.0004	2.8094	0	0.074	0.001	0.075
1166	10.6	10.1	1	1.8092	0.0004	2.8096	0	0.0702	0.0005	0.0707
1167	10.1	10.1	1	1.8091	0.0006	2.8096	0	0.0652	0	0.0652
1168	10.6	10.1	1	1.8096	0.0011	2.8107	0	0.0658	0	0.0658
1169	10.7	10.2	1	1.8095	0.0011	2.8106	0	0.063	0	0.063
1170	9.6	10.2	1	1.81	0.0005	2.8105	0	0.0664	0	0.0664
1171	9.79	10.2	1	1.8105	0.0005	2.811	0	0.0698	0	0.0698
1172	9.97	10.2	1	1.8108	0.0005	2.8113	0	0.0744	0	0.0744
1173	9.93	10.2	1	1.8106	0.0006	2.8112	0	0.0757	-0.001	0.0748
1174	9.77	10.2	1	1.8107	0.0006	2.8113	0	0.0666	-0.0048	0.0618
1175	9.92	10.2	1	1.8107	0.0007	2.8114	0	0.0606	-0.005	0.0556

1176	10.3	10.2	1	1.8106	0.001	2.8116	0	0.0596	-0.005	0.0546
1177	10.4	10.3	1	1.8104	0.0013	2.8116	0	0.0585	-0.005	0.0535
1178	10.8	10.3	1	1.8103	0.0014	2.8117	0	0.0536	-0.005	0.0486
1179	10.7	10.3	1	1.8107	0.0014	2.8121	0	0.0481	-0.005	0.0431
1180	10.3	10.3	1	1.8109	0.0015	2.8124	0	0.0531	-0.005	0.0481
1181	10.1	10.3	1	1.8107	0.0015	2.8122	0	0.0557	-0.0046	0.0511
1182	10.3	10.3	1	1.8105	0.0014	2.8119	0	0.0559	-0.004	0.0519
1183	10.3	10.4	1	1.8103	0.0014	2.8117	0	0.0562	-0.004	0.0522
1184	10.4	10.4	1	1.81	0.0014	2.8114	0	0.0533	-0.004	0.0493
1185	10.4	10.4	1	1.8098	0.0014	2.8112	0	0.053	-0.004	0.049
1186	10.8	10.5	1	1.8096	0.0014	2.811	0	0.0539	-0.004	0.0499
1187	11.2	10.5	1	1.8098	0.0014	2.8112	0	0.0455	-0.004	0.0415
1188	10.5	10.5	1	1.8101	0.0014	2.8115	0	0.0448	-0.004	0.0408
1189	10.4	10.4	1	1.8099	0.0014	2.8113	0	0.0379	-0.004	0.0339
1190	9.98	10.4	1	1.8101	0.0014	2.8115	0	0.0373	-0.004	0.0333
1191	9.84	10.5	1	1.81	0.0014	2.8114	0	0.0388	-0.004	0.0348
1192	10.2	10.4	1	1.8102	0.0014	2.8116	0	0.038	-0.004	0.034
1193	11	10.4	1	1.8099	0.0014	2.8113	0	0.0352	-0.004	0.0312
1194	10.5	10.4	1	1.8094	0.0014	2.8108	0	0.0309	-0.0046	0.0263
1195	10.7	10.4	1	1.8089	0.0014	2.8103	0	0.0337	-0.0044	0.0293
1196	10.6	10.4	1	1.8089	0.0014	2.8103	0	0.0384	-0.0047	0.0337
1197	10.3	10.3	1	1.8087	0.0014	2.8101	0	0.044	-0.0029	0.0411
1198	10.4	10.3	1	1.8084	0.0013	2.8097	0	0.0509	-0.0006	0.0503
1199	10.4	10.3	1	1.8082	0.0013	2.8095	0	0.0531	0	0.0531
1200	10.3	10.3	1	1.8081	0.0013	2.8094	0	0.0583	0.0008	0.0591
1201	9.94	10.3	1	1.8076	0.0013	2.8089	0	0.0653	0.001	0.0663
1202	10.4	10.3	1	1.8075	0.0013	2.8088	0	0.0643	0.001	0.0653
1203	10.1	10.3	1	1.8072	0.0013	2.8085	0	0.0629	0.001	0.0639
1204	9.97	10.3	1	1.8071	0.0013	2.8084	0	0.0667	0.0002	0.0669
1205	9.93	10.3	1	1.8071	0.0013	2.8084	0	0.0573	0.001	0.0583
1206	10.3	10.2	1	1.8069	0.0013	2.8082	0	0.053	0.0007	0.0537
1207	10.2	10.2	1	1.8067	0.0013	2.808	0	0.0527	0.0006	0.0533
1208	10.1	10.2	1	1.8062	0.0013	2.8075	0	0.0511	0.0018	0.0529
1209	10.3	10.2	1	1.8058	0.0013	2.8071	0	0.0442	0.001	0.0452
1210	10.5	10.1	1	1.8056	0.0013	2.8069	0	0.039	0.0006	0.0396
1211	10.1	10.1	1	1.8057	0.0013	2.807	0	0.0384	-0.0005	0.0379
1212	10.6	10.1	1	1.8057	0.0013	2.807	0	0.0336	-0.001	0.0326

1213	10	10.1	1	1.8063	0.0013	2.8076	0	0.0415	-0.0021	0.0395
1214	10.3	10.1	1	1.8062	0.0013	2.8075	0	0.0431	-0.0042	0.0389
1215	10.1	10.1	1	1.8063	0.0013	2.8076	0	0.0354	-0.0077	0.0276
1216	9.8	10.1	1	1.8065	0.0013	2.8078	0	0.0347	-0.009	0.0257
1217	9.68	10	1	1.8065	0.0013	2.8078	0	0.0408	-0.009	0.0318
1218	10.2	10.1	1	1.8067	0.0013	2.808	0	0.0368	-0.0071	0.0297
1219	9.74	10.1	1	1.8065	0.0013	2.8078	0	0.0424	-0.002	0.0404
1220	9.91	10.1	1	1.8061	0.0013	2.8074	0	0.0404	-0.0018	0.0387
1221	10	10.1	1	1.8057	0.0013	2.807	0	0.0447	-0.008	0.0367
1222	9.75	10.1	1	1.8058	0.0013	2.8071	0	0.0483	-0.008	0.0403
1223	9.88	10.1	1	1.8061	0.0014	2.8075	0	0.049	-0.0076	0.0414
1224	10.1	10.1	1	1.8064	0.0014	2.8078	0	0.0515	-0.007	0.0445
1225	9.89	10.1	1	1.8066	0.0014	2.808	0	0.0515	-0.007	0.0445
1226	9.86	10.2	1	1.8059	0.0014	2.8073	0	0.0582	-0.0064	0.0519
1227	10.7	10.2	1	1.8061	0.0014	2.8075	0	0.0562	-0.003	0.0532
1228	10.4	10.2	1	1.8066	0.0014	2.808	0	0.0524	-0.0004	0.052
1229	10.4	10.3	1	1.8062	0.0014	2.8076	0	0.053	-0.0001	0.0529
1230	10	10.3	1	1.8057	0.0014	2.8071	0	0.0558	0	0.0558
1231	10.4	10.3	1	1.8054	0.0013	2.8067	0	0.0571	0.001	0.0581
1232	10.9	10.3	1	1.8055	0.0013	2.8068	0	0.0538	0.0008	0.0546
1233	10.7	10.4	1	1.8058	0.0013	2.8071	0	0.0525	0	0.0525
1234	10.2	10.4	1	1.8058	0.0013	2.8071	0	0.0493	0	0.0493
1235	10.7	10.4	1	1.806	0.0013	2.8073	0	0.0461	0	0.0461
1236	10.4	10.4	1	1.8065	0.0013	2.8078	0	0.0477	0	0.0477
1237	10.5	10.4	1	1.8067	0.0013	2.808	0	0.05	0	0.05
1238	10.5	10.4	1	1.8069	0.0013	2.8082	0	0.0564	0	0.0564
1239	10	10.4	1	1.807	0.0013	2.8083	0	0.0636	0	0.0636
1240	10.4	10.4	1	1.807	0.0013	2.8083	0	0.0595	0	0.0595
1241	10.6	10.4	1	1.8069	0.0013	2.8082	0	0.066	0	0.066
1242	10.3	10.3	1	1.8071	0.0013	2.8084	0	0.071	0	0.071
1243	10.2	10.3	1	1.8072	0.0014	2.8086	0	0.0768	0	0.0768
1244	10.2	10.3	1	1.8069	0.0014	2.8083	0	0.0696	0	0.0696
1245	10.5	10.3	1	1.8064	0.0014	2.8078	0	0.0636	0	0.0636
1246	10.3	10.3	1	1.8061	0.0014	2.8075	0	0.0588	0	0.0588
1247	10.3	10.3	1	1.8056	0.0014	2.807	0	0.0581	0	0.0581
1248	10.2	10.3	1	1.8053	0.0014	2.8067	0	0.0513	0.0007	0.052
1249	10.3	10.3	1	1.8047	0.0014	2.8061	0	0.0496	0.0004	0.05

1250	9.81	10.3	1	1.8045	0.0014	2.8059	0	0.0468	0	0.0468
1251	9.97	10.2	1	1.8045	0.0014	2.8059	0	0.0481	0	0.0481
1252	9.79	10.2	1	1.8042	0.0014	2.8056	0	0.0466	0	0.0466
1253	10.7	10.2	1	1.804	0.0014	2.8054	0	0.0482	0	0.0482
1254	10.3	10.2	1	1.8044	0.0013	2.8057	0	0.0486	0	0.0486
1255	10.3	10.2	1	1.8043	0.0013	2.8056	0	0.0547	0	0.0547
1256	10.5	10.2	1	1.8043	0.0014	2.8056	0	0.0596	0	0.0596
1257	10.3	10.2	1	1.8042	0.0013	2.8055	0	0.0596	0	0.0596
1258	10.3	10.2	1	1.8046	0.0013	2.8059	0	0.0575	0	0.0575
1259	10.2	10.1	1	1.8047	0.0013	2.806	0	0.0543	-0.0006	0.0537
1260	10.1	10.2	1	1.8046	0.0013	2.8059	0	0.0538	-0.001	0.0528
1261	9.9	10.2	1	1.8049	0.0013	2.8062	0	0.0552	-0.001	0.0542
1262	10.4	10.2	1	1.8046	0.0013	2.8059	0	0.052	-0.0003	0.0517
1263	10.3	10.2	1	1.8048	0.0013	2.8061	0	0.0484	0	0.0484
1264	10.4	10.2	1	1.8056	0.0013	2.8069	0	0.0536	0	0.0536
1265	9.95	10.2	1	1.8055	0.0013	2.8068	0	0.053	0	0.053
1266	9.97	10.2	1	1.8051	0.0013	2.8064	0	0.0503	0	0.0503
1267	9.81	10.1	1	1.8054	0.0013	2.8067	0	0.0529	0	0.0529
1268	9.69	10.2	1	1.8054	0.0013	2.8067	0	0.0538	0	0.0538
1269	10.5	10.2	1	1.8054	0.0013	2.8067	0	0.0562	0	0.0562
1270	10.5	10.2	1	1.8055	0.0013	2.8068	0	0.0538	0	0.0538
1271	9.8	10.2	1	1.8057	0.0013	2.807	0	0.0478	0	0.0478
1272	10.1	10.3	1	1.8058	0.0013	2.8071	0	0.046	-0.0005	0.0455
1273	10	10.3	1	1.8055	0.0013	2.8068	0	0.0482	-0.0004	0.0478
1274	10	10.3	1	1.8055	0.0013	2.8068	0	0.048	0.0008	0.0488
1275	10.6	10.3	1	1.8049	0.0013	2.8062	0	0.0519	0.001	0.0529
1276	10	10.3	1	1.805	0.0013	2.8063	0	0.0524	0.0002	0.0526
1277	10.6	10.4	1	1.8051	0.0013	2.8065	0	0.0413	0	0.0413
1278	10.6	10.4	1	1.8051	0.0014	2.8065	0	0.0488	0	0.0488
1279	10.6	10.5	1	1.8051	0.0014	2.8065	0	0.0568	0	0.0568
1280	10.3	10.4	1	1.8052	0.0014	2.8066	0	0.0454	0	0.0454
1281	10.8	10.5	1	1.8053	0.0014	2.8067	0	0.0433	-0.0001	0.0431
1282	10.6	10.5	1	1.8052	0.0014	2.8066	0	0.0376	0	0.0376
1283	10.3	10.5	1	1.8054	0.0014	2.8068	0	0.0399	0	0.0399
1284	10.9	10.5	1	1.8054	0.0014	2.8068	0	0.041	0	0.041
1285	10.3	10.5	1	1.805	0.0014	2.8064	0	0.0412	0	0.0412
1286	10.7	10.5	1	1.8046	0.0014	2.806	0	0.0434	0	0.0434

1287	10.8	10.5	1	1.8042	0.0014	2.8056	0	0.0466	0	0.0466
1288	10.7	10.5	1	1.8038	0.0014	2.8052	0	0.0504	0	0.0504
1289	10.3	10.5	1	1.8039	0.0014	2.8053	0	0.0595	0	0.0595
1290	11.1	10.5	1	1.8035	0.0014	2.8049	0	0.0552	0	0.0552
1291	10.4	10.5	1	1.8029	0.0014	2.8043	0	0.0561	0	0.0561
1292	10.3	10.4	1	1.8025	0.0014	2.8039	0	0.06	0	0.06
1293	10.1	10.4	1	1.8029	0.0014	2.8043	0	0.0565	0	0.0565
1294	10.3	10.4	1	1.803	0.0014	2.8044	0	0.0583	0.0006	0.0588
1295	10.5	10.4	1	1.803	0.0014	2.8044	0	0.0565	0.001	0.0575
1296	10.5	10.4	1	1.8031	0.0014	2.8045	0	0.0552	0.001	0.0562
1297	10.2	10.4	1	1.8036	0.0013	2.8049	0	0.052	0.001	0.053
1298	9.99	10.3	1	1.8034	0.0013	2.8047	0	0.0509	0.001	0.0519
1299	10.5	10.3	1	1.8035	0.0013	2.8048	0	0.0507	0.001	0.0517
1300	10.5	10.3	1	1.8033	0.0013	2.8046	0	0.0524	0.001	0.0534
1301	9.93	10.3	1	1.8029	0.0013	2.8042	0	0.0475	0.001	0.0485
1302	10.2	10.3	1	1.8026	0.0013	2.8039	0	0.0458	0.001	0.0468
1303	10.7	10.2	1	1.8024	0.0013	2.8037	0	0.0377	0.001	0.0387
1304	10.5	10.3	1	1.8016	0.0013	2.8029	0	0.0386	0.0008	0.0394
1305	10.5	10.2	1	1.8011	0.0013	2.8024	0	0.0371	0	0.0371
1306	10.2	10.2	1	1.8009	0.0013	2.8022	0	0.0307	0.0003	0.0311
1307	9.6	10.2	1	1.8009	0.0013	2.8022	0	0.0289	0.0006	0.0294
1308	9.68	10.2	1	1.8008	0.0014	2.8021	0	0.0269	0	0.0269
1309	10.3	10.2	1	1.8004	0.0014	2.8018	0	0.0301	0	0.0301
1310	10.5	10.1	1	1.8001	0.0014	2.8015	0	0.0293	0.0006	0.03
1311	10	10.1	1	1.8005	0.0013	2.8019	0	0.0329	0.0003	0.0332
1312	9.78	10.1	1	1.8008	0.0013	2.8021	0	0.0368	0	0.0368
1313	10.8	10.1	1	1.8009	0.0013	2.8022	0	0.0254	0	0.0254
1314	10.1	10.1	1	1.8009	0.0013	2.8022	0	0.0282	0	0.0282
1315	10.1	10	1	1.8013	0.0013	2.8026	0	0.0369	0	0.0369
1316	9.83	10	1	1.8012	0.0013	2.8025	0	0.0343	0	0.0343
1317	9.74	10.1	1	1.8011	0.0013	2.8024	0	0.0326	0	0.0326
1318	10.2	10.1	1	1.8011	0.0013	2.8024	0	0.0349	0	0.0349
1319	9.8	10.1	1	1.8011	0.0013	2.8024	0	0.0366	0	0.0366
1320	9.97	10.1	1	1.8013	0.0013	2.8026	0	0.0352	0	0.0352
1321	10.1	10.1	1	1.8011	0.0014	2.8024	0	0.0312	0	0.0312
1322	10.2	10.1	1	1.8009	0.0013	2.8023	0	0.0334	0	0.0334
1323	9.91	10.1	1	1.8013	0.0013	2.8026	0	0.0381	0	0.0381

1324	10	10.1	1	1.8012	0.0013	2.8025	0	0.0312	0	0.0312
1325	10.2	10.1	1	1.8014	0.0014	2.8028	0	0.0298	0	0.0298
1326	9.79	10.1	1	1.8017	0.0014	2.8031	0	0.0273	0	0.0273
1327	10	10.1	1	1.8012	0.0014	2.8026	0	0.0269	-0.001	0.0259
1328	9.91	10.1	1	1.8009	0.0014	2.8023	0	0.0261	-0.0009	0.0252
1329	10.6	10.2	1	1.8017	0.0014	2.8031	0	0.0272	0	0.0272
1330	10.2	10.2	1	1.8014	0.0014	2.8028	0	0.0295	0	0.0295
1331	10.3	10.2	1	1.8017	0.0013	2.803	0	0.0329	0	0.0329
1332	10.3	10.3	1	1.8015	0.0013	2.8028	0	0.0331	0	0.0331
1333	10.1	10.3	1	1.8017	0.0013	2.803	0	0.0363	0.0005	0.0368
1334	10	10.3	1	1.8017	0.0013	2.803	0	0.0394	0.0004	0.0398
1335	10.1	10.3	1	1.8017	0.0013	2.803	0	0.038	0	0.038
1336	10.3	10.3	1	1.8019	0.0013	2.8032	0	0.0355	0	0.0355
1337	10.8	10.4	1	1.8016	0.0013	2.8029	0	0.0334	0.0008	0.0343
1338	10	10.4	1	1.801	0.0013	2.8023	0	0.0386	0.001	0.0396
1339	11.2	10.4	1	1.8015	0.0013	2.8028	0	0.03	0.001	0.031
1340	10.7	10.4	1	1.8014	0.0013	2.8027	0	0.0277	0.001	0.0287
1341	10.4	10.4	1	1.8009	0.0013	2.8022	0	0.024	0.001	0.025
1342	10.4	10.5	1	1.8014	0.0013	2.8027	0	0.021	0.001	0.022
1343	10.2	10.5	1	1.8014	0.0013	2.8027	0	0.0139	0.001	0.0149
1344	10.3	10.6	1	1.8012	0.0013	2.8025	0	0.02	0.001	0.021
1345	10.5	10.6	1	1.8009	0.0013	2.8022	0	0.0216	0.001	0.0226
1346	10.9	10.6	1	1.8009	0.0013	2.8022	0	0.0172	0.001	0.0182
1347	10.6	10.6	1	1.8005	0.0013	2.8018	0	0.0219	0.001	0.0229
1348	10.3	10.6	1	1.8002	0.0013	2.8015	0	0.0305	0.0003	0.0307
1349	10.5	10.6	1	1.7995	0.0013	2.8008	0	0.0333	0	0.0333
1350	10.1	10.6	1	1.7997	0.0013	2.801	0	0.0341	0	0.0341
1351	11.3	10.7	1	1.7999	0.0013	2.8012	0	0.0329	0	0.0329
1352	11.1	10.7	1	1.8004	0.0013	2.8017	0	0.0328	0	0.0328
1353	10.5	10.7	1	1.8001	0.0013	2.8014	0	0.0223	0	0.0223
1354	10.9	10.7	1	1.8007	0.0013	2.802	0	0.0156	0	0.0156
1355	11.1	10.7	1	1.8012	0.0013	2.8025	0	0.0104	0	0.0104
1356	10.4	10.7	1	1.8014	0.0013	2.8027	0	0.0091	0	0.0091
1357	10.3	10.7	1	1.8015	0.0013	2.8028	0	0.0083	0	0.0083
1358	10.8	10.7	1	1.8016	0.0013	2.8029	0	0.0127	0	0.0127
1359	10.8	10.7	1	1.8018	0.0012	2.803	0	0.0187	0.0006	0.0193
1360	11.1	10.7	1	1.8013	0.0013	2.8026	0	0.0171	0.001	0.0181

1361	10.7	10.7	1	1.8012	0.0013	2.8025	0	0.015	0.0016	0.0166
1362	10.6	10.7	1	1.802	0.0013	2.8033	0	0.0247	0.0013	0.026
1363	10.4	10.6	1	1.802	0.0013	2.8033	0	0.0298	0.001	0.0308
1364	10.3	10.6	1	1.802	0.0013	2.8033	0	0.0348	0.001	0.0358
1365	10.9	10.7	1	1.8021	0.0013	2.8034	0	0.0359	0.0002	0.0361
1366	10.4	10.7	1	1.8019	0.0013	2.8032	0	0.0358	0	0.0358
1367	10.5	10.7	1	1.8019	0.0013	2.8032	0	0.0367	0	0.0367
1368	10.6	10.7	1	1.8018	0.0013	2.8031	0	0.036	0	0.036
1369	10.7	10.6	1	1.8019	0.0013	2.8032	0	0.0355	0	0.0355
1370	10.7	10.6	1	1.8024	0.0013	2.8037	0	0.0364	0.0001	0.0365
1371	10.6	10.6	1	1.8024	0.0013	2.8037	0	0.0398	0.0011	0.0409
1372	10.2	10.6	1	1.802	0.0013	2.8033	0	0.0405	0.0025	0.043
1373	11	10.6	1	1.8023	0.0013	2.8036	0	0.0402	0.0022	0.0425
1374	11.3	10.6	1	1.8025	0.0013	2.8038	0	0.048	0.001	0.049
1375	11.4	10.7	1	1.8022	0.0013	2.8035	0	0.0404	0.0007	0.0411
1376	10.1	10.7	1	1.8023	0.0014	2.8037	0	0.0379	0.0012	0.039
1377	10.1	10.7	1	1.8025	0.0014	2.8039	0	0.0423	0.0024	0.0446
1378	10.6	10.6	1	1.8023	0.0014	2.8037	0	0.0366	0.0026	0.0392
1379	10.3	10.6	1	1.8021	0.0014	2.8035	0	0.0358	0.002	0.0378
1380	10.5	10.6	1	1.8019	0.0014	2.8033	0	0.0452	0.0025	0.0478
1381	10.6	10.6	1	1.802	0.0014	2.8034	0	0.044	0.0033	0.0473
1382	10.6	10.6	1	1.8016	0.0013	2.8029	0	0.0457	0.0043	0.05
1383	10.9	10.6	1	1.8014	0.0014	2.8028	0	0.0454	0.005	0.0504
1384	11.2	10.5	1	1.8016	0.0014	2.803	0	0.0542	0.005	0.0592
1385	10.8	10.4	1	1.8015	0.0014	2.8029	0	0.0566	0.005	0.0616
1386	10.3	10.4	1	1.8013	0.0013	2.8026	0	0.0546	0.0041	0.0587
1387	9.96	10.4	1	1.8003	0.0013	2.8016	0	0.0563	0.0058	0.0621
1388	10.7	10.4	1	1.8008	0.0013	2.8021	0	0.0508	0.0099	0.0607
1389	10.5	10.4	1	1.8012	0.0013	2.8025	0	0.0456	0.0099	0.0556
1390	9.96	10.4	1	1.8011	0.0013	2.8024	0	0.0522	0.009	0.0612
1391	10.7	10.4	1	1.8008	0.0013	2.8021	0	0.0532	0.009	0.0622
1392	10.1	10.4	1	1.8011	0.0013	2.8024	0	0.0472	0.009	0.0562
1393	10.2	10.4	1	1.8009	0.0013	2.8022	0	0.0537	0.009	0.0627
1394	10.1	10.3	1	1.8008	0.0013	2.8021	0	0.0574	0.009	0.0664
1395	10	10.3	1	1.8013	0.0013	2.8026	0	0.0561	0.0073	0.0634
1396	10.1	10.3	1	1.8009	0.0013	2.8022	0	0.0505	0.0035	0.054
1397	10.5	10.3	1	1.8005	0.0013	2.8019	0	0.0513	0.0009	0.0522

1398	10.2	10.3	1	1.8001	0.0013	2.8014	0	0.0513	0	0.0513
1399	10.4	10.3	1	1.8001	0.0013	2.8014	0	0.049	-0.0007	0.0483
1400	10.6	10.4	1	1.8	0.0013	2.8013	0	0.0413	-0.0002	0.0411
1401	10.5	10.3	1	1.7997	0.0013	2.801	0	0.0419	0	0.0419
1402	10.5	10.4	1	1.8004	0.0013	2.8017	0	0.0478	0	0.0478
1403	10	10.3	1	1.8008	0.0013	2.8021	0	0.0516	0	0.0516
1404	9.97	10.4	1	1.8006	0.0013	2.8019	0	0.0456	0	0.0456
1405	10.5	10.4	1	1.8002	0.0013	2.8015	0	0.0492	0	0.0492
1406	10.5	10.5	1	1.8001	0.0013	2.8014	0	0.0485	0	0.0485
1407	10.5	10.5	1	1.7997	0.0013	2.801	0	0.0488	0	0.0488
1408	10.6	10.5	1	1.7989	0.0013	2.8002	0	0.0507	0	0.0507
1409	10.7	10.5	1	1.7987	0.0013	2.8	0	0.0527	0	0.0527
1410	10.5	10.5	1	1.7986	0.0012	2.7998	0	0.0561	0	0.056
1411	10.2	10.4	1	1.7981	0.0012	2.7993	0	0.053	0.0007	0.0538
1412	10.2	10.4	1	1.7979	0.0012	2.7991	0	0.0513	0.001	0.0523
1413	10.7	10.4	1	1.7975	0.0012	2.7987	0	0.058	0.001	0.059
1414	10.5	10.5	1	1.7973	0.0013	2.7986	0	0.0598	0.001	0.0608
1415	11.1	10.4	1	1.7977	0.0013	2.799	0	0.0641	0.001	0.0651
1416	11	10.4	1	1.7976	0.0013	2.7989	0	0.0605	0.001	0.0615
1417	10.1	10.4	1	1.7975	0.0013	2.7989	0	0.0563	0.001	0.0573
1418	10.6	10.4	1	1.7975	0.0013	2.7989	0	0.0635	0.001	0.0645
1419	10.2	10.4	1	1.7974	0.0013	2.7987	0	0.0688	0.001	0.0698
1420	10.1	10.4	1	1.7973	0.0012	2.7985	0	0.0776	0.001	0.0786
1421	10.3	10.4	1	1.7971	0.0011	2.7982	0	0.0841	0.001	0.0851
1422	10.1	10.4	1	1.7969	0.0011	2.798	0	0.0868	0.001	0.0878
1423	10.3	10.4	1	1.7965	0.0012	2.7977	0	0.0868	0.001	0.0878
1424	10.1	10.4	1	1.7972	0.0012	2.7984	0	0.0916	0.001	0.0926
1425	10.4	10.3	1	1.7976	0.0013	2.7989	0	0.097	0.001	0.098
1426	10.5	10.2	1	1.7975	0.0012	2.7987	0	0.0959	0.001	0.0969
1427	10.4	10.2	1	1.7976	0.0011	2.7987	0	0.0991	0.002	0.1011
1428	10.2	10.2	1	1.7974	0.0012	2.7986	0	0.0998	0.002	0.1018
1429	9.94	10.2	1	1.7971	0.0011	2.7983	0	0.0981	0.002	0.1001
1430	10.3	10.2	1	1.797	0.001	2.7981	0	0.0996	0.002	0.1016
1431	10.7	10.3	1	1.7971	0.0009	2.798	0	0.1002	0.002	0.1022
1432	10.3	10.3	1	1.7969	0.0008	2.7977	0	0.0995	0.002	0.1015
1433	10.5	10.3	1	1.7962	0.0008	2.797	0	0.0935	0.0015	0.095
1434	9.7	10.3	1	1.796	0.0008	2.7968	0	0.0904	0.0016	0.092

1435	9.72	10.3	1	1.7962	0.0009	2.7971	0	0.0892	0.002	0.0912
1436	10.2	10.3	1	1.7962	0.0007	2.797	0	0.0849	0.002	0.0869
1437	9.81	10.3	1	1.7965	0.0003	2.7969	0	0.0779	0.0012	0.0791
1438	10.2	10.4	1	1.7964	0.0003	2.7967	0	0.0652	0.001	0.0662
1439	10.4	10.4	1	1.7962	0.0004	2.7966	0	0.0717	0.001	0.0727
1440	11.2	10.5	1	1.7961	0.0004	2.7965	0	0.0702	0.001	0.0712
1441	10.4	10.5	1	1.7962	0.0004	2.7966	0	0.069	0.001	0.07
1442	10.4	10.5	1	1.796	0.0004	2.7964	0	0.0654	0.001	0.0664
1443	10.2	10.5	1	1.7956	0.0004	2.796	0	0.0704	0.001	0.0714
1444	10.5	10.5	1	1.7956	0.0006	2.7962	0	0.0733	0.001	0.0743
1445	10.6	10.6	1	1.7959	0.0009	2.7968	0	0.0786	0.001	0.0796
1446	11.2	10.6	1	1.7957	0.0012	2.7969	0	0.0834	0.001	0.0844
1447	11.4	10.6	1	1.7954	0.0013	2.7967	0	0.0799	0.001	0.0809
1448	10.8	10.7	1	1.7953	0.0014	2.7967	0	0.075	0.001	0.076
1449	10.5	10.7	1	1.7953	0.0013	2.7967	0	0.0704	0.001	0.0714
1450	10.7	10.6	1	1.7955	0.0013	2.7968	0	0.0747	0.001	0.0757
1451	10.9	10.6	1	1.7952	0.0013	2.7965	0	0.0709	0.001	0.0719
1452	10.6	10.6	1	1.7953	0.0013	2.7966	0	0.0697	0.001	0.0707
1453	10	10.7	1	1.7956	0.0013	2.7969	0	0.0727	0.001	0.0737
1454	11	10.7	1	1.7958	0.0013	2.7971	0	0.0826	0	0.0826
1455	10.3	10.7	1	1.7963	0.0013	2.7976	0	0.0765	0	0.0765
1456	10.6	10.7	1	1.7965	0.0013	2.7978	0	0.0689	0	0.0689
1457	11.1	10.6	1	1.7964	0.0013	2.7977	0	0.0679	0	0.0679
1458	10.5	10.6	1	1.7963	0.0013	2.7976	0	0.0613	0	0.0613
1459	10.2	10.6	1	1.7962	0.0012	2.7974	0	0.0535	0	0.0535
1460	10.5	10.6	1	1.796	0.0012	2.7972	0	0.0506	0	0.0506
1461	10.3	10.6	1	1.7961	0.0012	2.7973	0	0.0476	-0.0006	0.047
1462	10.8	10.6	1	1.7962	0.0012	2.7974	0	0.0386	-0.001	0.0376
1463	11.4	10.6	1	1.796	0.0012	2.7972	0	0.034	-0.001	0.033
1464	10.3	10.6	1	1.7956	0.0012	2.7968	0	0.0305	-0.001	0.0295
1465	11	10.6	1	1.7961	0.0012	2.7973	0	0.0295	-0.0002	0.0293
1466	10.2	10.6	1	1.7962	0.0012	2.7974	0	0.0313	0	0.0313
1467	10.7	10.6	1	1.7955	0.0012	2.7967	0	0.0333	0	0.0333
1468	10.3	10.6	1	1.7949	0.0012	2.7961	0	0.0376	0	0.0376
1469	10.9	10.6	1	1.7942	0.0012	2.7954	0	0.0361	0	0.0361
1470	10.6	10.6	1	1.794	0.0012	2.7952	0	0.0379	-0.0001	0.0379
1471	10.3	10.6	1	1.7937	0.0012	2.7949	0	0.0373	-0.0011	0.0362

1472	10.4	10.6	1	1.7934	0.0012	2.7946	0	0.0386	-0.002	0.0366
1473	10.6	10.6	1	1.7932	0.0012	2.7944	0	0.0362	-0.0018	0.0344
1474	10.3	10.6	1	1.7928	0.0012	2.794	0	0.0346	-0.001	0.0336
1475	10.2	10.5	1	1.7926	0.0012	2.7938	0	0.0474	-0.0007	0.0467
1476	11	10.5	1	1.7924	0.0012	2.7936	0	0.0552	-0.0003	0.0548
1477	10.4	10.5	1	1.7926	0.0012	2.7938	0	0.0488	-0.0014	0.0474
1478	10.7	10.5	1	1.7925	0.0012	2.7937	0	0.0422	-0.001	0.0412
1479	10.3	10.4	1	1.7922	0.0012	2.7934	0	0.037	0	0.037
1480	11.1	10.4	1	1.7919	0.0012	2.7931	0	0.0349	-0.0005	0.0344
1481	10.8	10.4	1	1.7921	0.0012	2.7933	0	0.0271	-0.0016	0.0255
1482	10.4	10.4	1	1.7922	0.0012	2.7934	0	0.0275	-0.0033	0.0242
1483	10.2	10.3	1	1.7924	0.0012	2.7936	0	0.0249	-0.004	0.0209
1484	10.3	10.3	1	1.7926	0.0012	2.7938	0	0.021	-0.004	0.017
1485	10.3	10.3	1	1.793	0.0012	2.7942	0	0.0244	-0.004	0.0204
1486	10.4	10.2	1	1.7935	0.0012	2.7947	0	0.0378	-0.0031	0.0346
1487	10.2	10.2	1	1.7938	0.0012	2.795	0	0.042	-0.0048	0.0372
1488	9.85	10.2	1	1.7936	0.0012	2.7948	0	0.0479	-0.0089	0.039
1489	9.59	10.2	1	1.7941	0.0012	2.7953	0	0.0542	-0.0089	0.0453
1490	10.2	10.2	1	1.7943	0.0012	2.7955	0	0.0521	-0.008	0.0441
1491	10	10.2	1	1.7942	0.0012	2.7954	0	0.0514	-0.008	0.0434
1492	10.1	10.2	1	1.7941	0.0012	2.7953	0	0.0521	-0.0073	0.0447
1493	9.84	10.3	1	1.7936	0.0012	2.7948	0	0.0503	-0.007	0.0433
1494	10.1	10.3	1	1.793	0.0012	2.7942	0	0.0519	-0.007	0.0449
1495	10	10.3	1	1.7929	0.0012	2.7941	0	0.0481	-0.0062	0.0419
1496	10.3	10.3	1	1.7929	0.0012	2.7941	0	0.051	-0.0025	0.0485
1497	10.1	10.3	1	1.793	0.0012	2.7942	0	0.048	0.0001	0.0481
1498	10.4	10.4	1	1.793	0.0012	2.7942	0	0.0462	0.001	0.0472
1499	10.8	10.4	1	1.7926	0.0012	2.7938	0	0.0445	0.0017	0.0463
1500	11.1	10.5	1	1.7929	0.0012	2.7941	0	0.0451	0.0012	0.0463
1501	10.8	10.5	1	1.7927	0.0012	2.7939	0	0.0476	0.001	0.0486
1502	11.2	10.5	1	1.7931	0.0012	2.7943	0	0.0406	0.001	0.0416
1503	10.8	10.6	1	1.7926	0.0013	2.7939	0	0.0416	0.0015	0.0431
1504	10.8	10.6	1	1.7929	0.0013	2.7942	0	0.0441	0.002	0.0461
1505	10.2	10.6	1	1.7933	0.0013	2.7946	0	0.0442	0.002	0.0462
1506	10.2	10.6	1	1.7933	0.0013	2.7946	0	0.0509	0.0013	0.0522
1507	10.2	10.6	1	1.7936	0.0013	2.7949	0	0.0494	0.001	0.0504
1508	10.7	10.6	1	1.7936	0.0013	2.7949	0	0.047	0.0019	0.0489

1509	11	10.6	1	1.7936	0.0013	2.7949	0	0.0426	0.002	0.0446
1510	10.7	10.6	1	1.7938	0.0013	2.7951	0	0.046	0.0014	0.0474
1511	10.6	10.6	1	1.7942	0.0013	2.7955	0	0.0398	0	0.0398
1512	10.5	10.5	1	1.7944	0.0013	2.7957	0	0.0374	0	0.0374
1513	10.1	10.6	1	1.7944	0.0013	2.7957	0	0.0396	0	0.0396
1514	10.2	10.6	1	1.7943	0.0013	2.7956	0	0.037	0.0003	0.0373
1515	10.3	10.6	1	1.7945	0.0013	2.7958	0	0.0336	0.001	0.0346
1516	10.2	10.6	1	1.7942	0.0013	2.7955	0	0.0372	0.001	0.0382
1517	10.2	10.6	1	1.7938	0.0013	2.7951	0	0.0396	0.001	0.0406
1518	11.2	10.6	1	1.7939	0.0013	2.7952	0	0.0339	0.001	0.0349
1519	11.1	10.6	1	1.7936	0.0013	2.7949	0	0.0279	0.001	0.0289
1520	10.7	10.6	1	1.7936	0.0013	2.7949	0	0.022	0.001	0.023
1521	10.5	10.6	1	1.7932	0.0013	2.7945	0	0.0235	0.001	0.0245
1522	10.9	10.6	1	1.7933	0.0013	2.7946	0	0.0223	0.001	0.0233
1523	10.9	10.6	1	1.793	0.0013	2.7943	0	0.0251	0.001	0.0261
1524	10.6	10.6	1	1.7924	0.0013	2.7937	0	0.0201	0.001	0.0211
1525	10.5	10.6	1	1.7921	0.0013	2.7934	0	0.0143	0.0008	0.0152
1526	10.6	10.6	1	1.7926	0.0013	2.7939	0	0.0145	0	0.0145
1527	10.4	10.7	1	1.7934	0.0012	2.7946	0	0.0115	0.0003	0.0118
1528	11	10.7	1	1.7936	0.0012	2.7948	0	0.0123	0.001	0.0133
1529	10.4	10.6	1	1.7936	0.0012	2.7948	0	0.0161	0.001	0.0171
1530	10.3	10.6	1	1.7943	0.0012	2.7955	0	0.0122	0.001	0.0132
1531	11	10.6	1	1.7944	0.0012	2.7956	0	0.011	0.001	0.012
1532	11	10.6	1	1.7944	0.0012	2.7956	0	0.0168	0.001	0.0178
1533	10.5	10.6	1	1.7941	0.0012	2.7953	0	0.0182	0.001	0.0192
1534	10.3	10.6	1	1.7936	0.0012	2.7948	0	0.017	0.001	0.018
1535	10.3	10.6	1	1.7924	0.0012	2.7936	0	0.0188	0.001	0.0198
1536	10.9	10.6	1	1.7921	0.0012	2.7933	0	0.0184	0.001	0.0194
1537	11	10.6	1	1.7918	0.0012	2.793	0	0.0323	0.001	0.0333
1538	10.6	10.6	1	1.791	0.0012	2.7922	0	0.0359	0.001	0.0369
1539	10.5	10.6	1	1.791	0.0012	2.7922	0	0.0389	0.001	0.0399
1540	10.5	10.6	1	1.7909	0.0012	2.7921	0	0.0408	0.001	0.0418
1541	10.6	10.5	1	1.791	0.0011	2.7922	0	0.044	0.001	0.045
1542	10.3	10.5	1	1.791	0.0011	2.7921	0	0.0402	0.001	0.0412
1543	10.6	10.5	1	1.7904	0.0011	2.7915	0	0.031	0.001	0.032
1544	10.8	10.5	1	1.7908	0.0012	2.792	0	0.0243	0.0016	0.026
1545	10.2	10.5	1	1.7908	0.0012	2.792	0	0.0179	0.002	0.0199

1546	10.8	10.4	1	1.7909	0.0012	2.7921	0	0.0169	0.0005	0.0173
1547	10.4	10.3	1	1.7908	0.0012	2.792	0	0.0134	0	0.0134
1548	10.3	10.3	1	1.7909	0.0012	2.7921	0	0.0117	0	0.0117
1549	10.2	10.3	1	1.7908	0.0012	2.792	0	0.0159	0	0.0159
1550	10.2	10.3	1	1.7908	0.0012	2.792	0	0.0085	0	0.0085
1551	10.1	10.2	1	1.7911	0.0012	2.7923	0	0.0083	0	0.0083
1552	10.4	10.2	1	1.7911	0.0012	2.7923	0	0.0094	0	0.0094
1553	10.4	10.2	1	1.7912	0.0011	2.7922	0	0.0152	0	0.0152
1554	10.1	10.2	1	1.7913	0.0011	2.7924	0	0.0058	0.001	0.0068
1555	9.87	10.1	1	1.7912	0.0012	2.7924	0	0.0133	0.001	0.0143
1556	9.63	10.1	1	1.7915	0.0012	2.7927	0	0.0191	0.001	0.0201
1557	9.61	10.1	1	1.7917	0.0011	2.7928	0	0.0149	0.001	0.0159
1558	10.4	10.1	1	1.792	0.0011	2.7931	0	0.014	0.0005	0.0145
1559	9.88	10.1	1	1.7916	0.0011	2.7927	0	0.0127	0	0.0127
1560	10.4	10.2	1	1.792	0.0012	2.7932	0	0.0132	0	0.0132
1561	10.2	10.1	1	1.7923	0.0012	2.7935	0	0.0134	0	0.0134
1562	9.83	10.2	1	1.7923	0.0012	2.7935	0	0.0187	0	0.0187
1563	9.97	10.2	1	1.7923	0.0012	2.7935	0	0.0236	0	0.0236
1564	10.1	10.2	1	1.7922	0.0011	2.7933	0	0.0254	0	0.0254
1565	10.2	10.3	1	1.7923	0.0011	2.7934	0	0.0257	0	0.0257
1566	10.8	10.3	1	1.7923	0.0011	2.7934	0	0.028	0.0001	0.0281
1567	10.6	10.4	1	1.7921	0.0011	2.7932	0	0.0256	0.001	0.0266
1568	10.1	10.4	1	1.7921	0.0011	2.7932	0	0.0205	0.0008	0.0212
1569	10.4	10.4	1	1.792	0.0011	2.7931	0	0.0268	0	0.0268
1570	9.96	10.4	1	1.7916	0.0011	2.7927	0	0.0264	0	0.0264
1571	11.3	10.4	1	1.7915	0.0011	2.7926	0	0.0247	0	0.0247
1572	10.3	10.4	1	1.7909	0.0011	2.792	0	0.0184	0	0.0184
1573	10.3	10.5	1	1.7912	0.0011	2.7923	0	0.0219	0	0.0219
1574	11	10.5	1	1.7914	0.0011	2.7925	0	0.0215	0	0.0215
1575	10.9	10.5	1	1.7911	0.0012	2.7923	0	0.0159	0	0.0159
1576	10.7	10.5	1	1.7912	0.0012	2.7924	0	0.0157	0	0.0157
1577	10.9	10.5	1	1.7913	0.0011	2.7924	0	0.0191	0	0.0191
1578	10.4	10.5	1	1.7909	0.0011	2.792	0	0.029	-0.0006	0.0284
1579	10.3	10.5	1	1.791	0.0011	2.7921	0	0.029	0.001	0.0301
1580	10	10.6	1	1.7908	0.0011	2.7919	0	0.031	0.004	0.035
1581	10.2	10.6	1	1.7904	0.0011	2.7915	0	0.0395	0.0018	0.0413
1582	10.2	10.6	1	1.7904	0.0011	2.7915	0	0.0393	0	0.0393

1583	10.1	10.6	1	1.7907	0.0011	2.7918	0	0.0369	0	0.0369
1584	10.8	10.6	1	1.7908	0.0011	2.7918	0	0.0362	0	0.0362
1585	10.3	10.5	1	1.7911	0.0011	2.7922	0	0.0296	0.0004	0.03
1586	10.7	10.5	1	1.7903	0.0011	2.7914	0	0.0197	0.0006	0.0203
1587	11	10.5	1	1.7902	0.0011	2.7913	0	0.018	0	0.018
1588	10.7	10.6	1	1.7897	0.0011	2.7908	0	0.0126	0	0.0126
1589	10.8	10.6	1	1.7901	0.0011	2.7912	0	0.0044	0	0.0044
1590	10.7	10.6	1	1.7899	0.0011	2.7909	0	0.0047	0	0.0047
1591	10.6	10.6	1	1.7902	0.0011	2.7913	0	0.0015	0	0.0015
1592	10.6	10.6	1	1.791	0.0011	2.7921	0	0.0053	-0.0007	0.0046
1593	10.5	10.7	1	1.7911	0.001	2.7922	0	0.0055	-0.001	0.0045
1594	10.6	10.6	1	1.7912	0.001	2.7922	0	-0.0001	-0.001	-0.0011
1595	10.6	10.6	1	1.7913	0.0012	2.7924	0	0.004	-0.0001	0.0039
1596	11.1	10.6	1	1.7916	0.0012	2.7928	0	0.0062	0	0.0062
1597	10.5	10.6	1	1.7919	0.0012	2.7931	0	0.0034	0	0.0034
1598	10.5	10.6	1	1.7915	0.0012	2.7927	0	0.0018	0	0.0018
1599	10.7	10.6	1	1.7918	0.0012	2.793	0	0.005	-0.0004	0.0046
1600	10.5	10.6	1	1.792	0.0012	2.7932	0	0.0019	-0.001	0.0009
1601	10.6	10.6	1	1.7917	0.0012	2.7929	0	-0.0004	-0.0004	-0.0009
1602	10.5	10.5	1	1.7916	0.0012	2.7928	0	0.0076	0	0.0076
1603	10.1	10.5	1	1.792	0.0012	2.7932	0	0.0105	-0.0005	0.01
1604	10.3	10.5	1	1.7916	0.0012	2.7928	0	0.0125	-0.001	0.0115
1605	10.5	10.5	1	1.7914	0.0012	2.7926	0	0.0191	-0.001	0.0181
1606	10.6	10.5	1	1.7918	0.0012	2.793	0	0.0161	-0.0003	0.0158
1607	10.4	10.5	1	1.7922	0.0012	2.7934	0	0.0149	0	0.0149
1608	10.4	10.5	1	1.7923	0.0013	2.7936	0	0.017	-0.0009	0.0161
1609	10.9	10.5	1	1.7923	0.0013	2.7936	0	0.0221	-0.0011	0.021
1610	10.4	10.4	1	1.7925	0.0013	2.7938	0	0.019	-0.0018	0.0172
1611	10.2	10.4	1	1.7923	0.0013	2.7936	0	0.0227	-0.0003	0.0225
1612	10.5	10.4	1	1.7921	0.0013	2.7934	0	0.0268	-0.001	0.0258
1613	10.3	10.5	1	1.7919	0.0013	2.7932	0	0.0267	-0.001	0.0257
1614	10.3	10.4	1	1.7917	0.0013	2.793	0	0.0268	-0.0013	0.0255
1615	10.5	10.4	1	1.7917	0.0013	2.793	0	0.0283	-0.002	0.0263
1616	10.7	10.5	1	1.7917	0.0012	2.7929	0	0.0313	-0.002	0.0293
1617	10.7	10.5	1	1.7917	0.0012	2.793	0	0.0274	-0.002	0.0254
1618	10.2	10.5	1	1.7913	0.0013	2.7926	0	0.0282	-0.0028	0.0254
1619	10	10.5	1	1.791	0.0013	2.7923	0	0.0257	-0.003	0.0227

1620	10.6	10.5	1	1.7911	0.0013	2.7924	0	0.029	-0.003	0.026
1621	10.5	10.5	1	1.7914	0.0013	2.7927	0	0.0236	-0.003	0.0206
1622	10.3	10.4	1	1.7911	0.0013	2.7924	0	0.0244	-0.003	0.0214
1623	10.1	10.4	1	1.7909	0.0013	2.7922	0	0.0208	-0.003	0.0178
1624	10.6	10.5	1	1.7908	0.0013	2.7921	0	0.0232	-0.003	0.0202
1625	11.1	10.5	1	1.7905	0.0013	2.7918	0	0.0258	-0.0028	0.023
1626	11.1	10.5	1	1.7907	0.0013	2.792	0	0.0233	-0.002	0.0213
1627	10.2	10.5	1	1.7905	0.0013	2.7918	0	0.026	-0.0023	0.0237
1628	10.3	10.5	1	1.7907	0.0011	2.7918	0	0.0286	-0.003	0.0256
1629	10.4	10.5	1	1.7906	0.0008	2.7914	0	0.0235	-0.003	0.0205
1630	10.4	10.5	1	1.7904	0.001	2.7914	0	0.0213	-0.003	0.0183
1631	10.1	10.5	1	1.7904	0.0012	2.7916	0	0.0231	-0.003	0.0201
1632	10.3	10.5	1	1.7908	0.0012	2.792	0	0.017	-0.0022	0.0148
1633	11	10.5	1	1.7905	0.0012	2.7917	0	0.0156	-0.002	0.0136
1634	10.6	10.4	1	1.7906	0.0012	2.7918	0	0.0322	-0.002	0.0302
1635	10.7	10.4	1	1.7905	0.0011	2.7916	0	0.0218	-0.002	0.0198
1636	11	10.4	1	1.7902	0.0012	2.7914	0	0.0209	-0.002	0.0189
1637	10.2	10.4	1	1.7905	0.0012	2.7917	0	0.0133	-0.002	0.0113
1638	9.96	10.4	1	1.7906	0.0012	2.7918	0	0.0163	-0.002	0.0143
1639	10.3	10.5	1	1.7906	0.0012	2.7918	0	0.0085	-0.002	0.0065
1640	10.2	10.5	1	1.7908	0.0012	2.792	0	0.0118	-0.002	0.0098
1641	10.5	10.5	1	1.7905	0.0012	2.7917	0	0.009	-0.002	0.007
1642	10.1	10.5	1	1.7904	0.0012	2.7916	0	0.0146	-0.0016	0.0129
1643	9.95	10.5	1	1.7904	0.0012	2.7916	0	0.0275	-0.001	0.0265
1644	11.2	10.5	1	1.7904	0.0012	2.7916	0	0.0302	-0.0016	0.0286
1645	10.7	10.5	1	1.7901	0.0012	2.7913	0	0.0326	-0.002	0.0306
1646	10.4	10.5	1	1.7906	0.0012	2.7918	0	0.0348	-0.001	0.0338
1647	10.3	10.5	1	1.7906	0.0012	2.7918	0	0.0377	-0.001	0.0367
1648	11	10.6	1	1.7904	0.0012	2.7916	0	0.0413	-0.001	0.0403
1649	11.2	10.6	1	1.7906	0.0013	2.7919	0	0.0355	-0.001	0.0345
1650	10.6	10.6	1	1.7908	0.0012	2.7921	0	0.0427	-0.0019	0.0409
1651	9.88	10.6	1	1.7903	0.0012	2.7915	0	0.046	-0.0011	0.0449
1652	10.9	10.7	1	1.79	0.0012	2.7913	0	0.0479	0.001	0.0489
1653	10.9	10.7	1	1.7899	0.0012	2.7911	0	0.0439	0.0008	0.0447
1654	10.9	10.7	1	1.7894	0.0012	2.7906	0	0.0502	-0.001	0.0492
1655	10.7	10.7	1	1.7896	0.0012	2.7908	0	0.046	-0.0008	0.0452
1656	10.6	10.8	1	1.79	0.0012	2.7913	0	0.0434	0	0.0434

1657	10.3	10.8	1	1.79	0.0012	2.7912	0	0.0455	0	0.0455
1658	10.4	10.8	1	1.7898	0.0012	2.791	0	0.0453	0.0005	0.0458
1659	10.8	10.7	1	1.7897	0.0013	2.791	0	0.0478	0.001	0.0488
1660	11.1	10.7	1	1.7897	0.0012	2.791	0	0.0497	0.001	0.0507
1661	11	10.7	1	1.7897	0.0013	2.791	0	0.0519	0.001	0.0529
1662	10.9	10.7	1	1.7896	0.0013	2.7909	0	0.0512	0.001	0.0522
1663	10.9	10.7	1	1.7896	0.0013	2.7909	0	0.0514	0.001	0.0524
1664	11.4	10.7	1	1.7894	0.0013	2.7907	0	0.0521	0.001	0.0531
1665	11	10.7	1	1.7892	0.0013	2.7905	0	0.0528	0.0022	0.055
1666	10.5	10.7	1	1.7895	0.0013	2.7908	0	0.0579	0.0029	0.0608
1667	10.8	10.7	1	1.7893	0.0014	2.7907	0	0.0593	0.002	0.0613
1668	10.5	10.7	1	1.7895	0.0014	2.7909	0	0.0569	0.0015	0.0584
1669	10.1	10.7	1	1.7891	0.0014	2.7905	0	0.0528	0.002	0.0548
1670	10.3	10.6	1	1.7892	0.0014	2.7906	0	0.0524	0.002	0.0544
1671	10.5	10.6	1	1.789	0.0014	2.7904	0	0.0501	0.002	0.0521
1672	10.6	10.6	1	1.7888	0.0014	2.7902	0	0.0577	0.002	0.0597
1673	10.8	10.6	1	1.7889	0.0014	2.7903	0	0.0506	0.002	0.0526
1674	10.7	10.5	1	1.7888	0.0014	2.7902	0	0.0474	0.002	0.0494
1675	10.7	10.5	1	1.7888	0.0014	2.7902	0	0.0495	0.002	0.0515
1676	10.3	10.5	1	1.7886	0.0014	2.79	0	0.0391	0.002	0.0411
1677	10.2	10.5	1	1.7885	0.0014	2.7899	0	0.0442	0.002	0.0462
1678	10.7	10.5	1	1.7885	0.0014	2.7899	0	0.0461	0.002	0.0481
1679	10.5	10.5	1	1.7888	0.0014	2.7902	0	0.0559	0	0.0558
1680	10.2	10.6	1	1.7885	0.0014	2.7899	0	0.0582	-0.003	0.0552
1681	10.4	10.6	1	1.7887	0.0013	2.79	0	0.058	-0.0008	0.0571
1682	10.6	10.6	1	1.7888	0.0013	2.7901	0	0.058	0.001	0.059
1683	10.9	10.6	1	1.7875	0.0013	2.7888	0	0.0656	0.001	0.0666
1684	10.4	10.6	1	1.7886	0.0013	2.7899	0	0.064	0.001	0.065
1685	10.4	10.6	1	1.789	0.0013	2.7903	0	0.0673	0.0006	0.0679
1686	10.5	10.7	1	1.7889	0.0013	2.7902	0	0.066	0.0004	0.0664
1687	10.9	10.7	1	1.7886	0.0013	2.7899	0	0.0643	0.001	0.0653
1688	10.9	10.7	1	1.7889	0.0013	2.7902	0	0.0667	0.001	0.0677
1689	10.7	10.7	1	1.7889	0.0013	2.7902	0	0.0673	0.001	0.0683
1690	10.3	10.7	1	1.7889	0.0013	2.7902	0	0.0662	0.001	0.0672
1691	11.3	10.7	1	1.7888	0.0013	2.79	0	0.0743	0.001	0.0753
1692	11.3	10.7	1	1.7882	0.0012	2.7894	0	0.0632	0.001	0.0642
1693	10.8	10.7	1	1.7881	0.0012	2.7893	0	0.0627	0.001	0.0637

1694	11.1	10.7	1	1.7879	0.0012	2.7891	0	0.063	0.001	0.064
1695	10.6	10.7	1	1.7878	0.0013	2.789	0	0.058	0.001	0.059
1696	10.8	10.6	1	1.7878	0.0013	2.7891	0	0.053	0.001	0.054
1697	10.8	10.6	1	1.7878	0.0013	2.7891	0	0.0526	0.001	0.0536
1698	10.8	10.6	1	1.7879	0.0013	2.7892	0	0.0504	0.001	0.0514
1699	10.5	10.6	1	1.7875	0.0014	2.7889	0	0.0491	0.0014	0.0505
1700	10.5	10.6	1	1.7874	0.0013	2.7888	0	0.048	0.002	0.05
1701	10.2	10.5	1	1.787	0.0011	2.7881	0	0.0491	0.0014	0.0505
1702	10.1	10.5	1	1.7872	0.0011	2.7883	0	0.0424	0.001	0.0434
1703	10.5	10.4	1	1.787	0.0013	2.7883	0	0.0418	0.001	0.0428
1704	9.88	10.4	1	1.787	0.0013	2.7883	0	0.0418	0.001	0.0428
1705	10.1	10.4	1	1.7871	0.0012	2.7883	0	0.0361	0.001	0.0371
1706	10.1	10.4	1	1.7873	0.0012	2.7885	0	0.0396	0.0006	0.0402
1707	10.3	10.4	1	1.7876	0.0012	2.7888	0	0.044	0.0005	0.0445
1708	10.5	10.3	1	1.7875	0.0012	2.7887	0	0.0423	0.0005	0.0428
1709	10.7	10.3	1	1.7874	0.0012	2.7886	0	0.0381	0.0007	0.0388
1710	10.7	10.3	1	1.7873	0.0012	2.7885	0	0.0352	0.0018	0.037
1711	10.2	10.3	1	1.7872	0.0012	2.7884	0	0.034	0.0013	0.0353
1712	9.94	10.3	1	1.7869	0.0012	2.7881	0	0.0348	0.002	0.0368
1713	9.96	10.3	1	1.7867	0.0012	2.7879	0	0.0384	0.002	0.0404
1714	10.4	10.4	1	1.7865	0.0011	2.7875	0	0.0368	0.002	0.0388
1715	10.9	10.4	1	1.786	0.001	2.787	0	0.0338	0.0027	0.0366
1716	10.3	10.4	1	1.7857	0.001	2.7867	0	0.0335	0.0022	0.0357
1717	9.65	10.5	1	1.7861	0.0011	2.7871	0	0.0387	0.002	0.0407
1718	10.1	10.5	1	1.786	0.0011	2.7871	0	0.0386	0.0028	0.0414
1719	10.2	10.5	1	1.7858	0.0011	2.7869	0	0.0406	0.003	0.0436
1720	10.8	10.4	1	1.7861	0.0011	2.7872	0	0.0394	0.004	0.0434
1721	10.8	10.5	1	1.7856	0.0011	2.7867	0	0.0457	0.003	0.0487
1722	10.7	10.5	1	1.7861	0.0011	2.7872	0	0.0407	0.003	0.0437
1723	10.7	10.5	1	1.7861	0.0011	2.7872	0	0.0393	0.003	0.0423
1724	10.8	10.5	1	1.7859	0.0011	2.787	0	0.0443	0.0033	0.0475
1725	10.8	10.5	1	1.7866	0.0011	2.7877	0	0.0468	0.0037	0.0505
1726	10.9	10.5	1	1.7863	0.0011	2.7874	0	0.0518	0.003	0.0548
1727	10.7	10.5	1	1.7859	0.0011	2.787	0	0.051	0.003	0.054
1728	10.2	10.6	1	1.7852	0.0011	2.7863	0	0.0574	0.003	0.0604
1729	10.5	10.6	1	1.7847	0.0011	2.7858	0	0.0661	0.003	0.0691
1730	10.6	10.6	1	1.7846	0.0011	2.7857	0	0.0695	0.003	0.0725

1731	10.5	10.6	1	1.7846	0.0011	2.7857	0	0.0654	0.003	0.0684
1732	10.3	10.6	1	1.7842	0.0011	2.7853	0	0.0688	0.0022	0.071
1733	10	10.6	1	1.7841	0.0011	2.7852	0	0.0703	0.002	0.0723
1734	10.4	10.5	1	1.7839	0.0011	2.785	0	0.0516	0.0027	0.0543
1735	10.8	10.5	1	1.7839	0.0011	2.785	0	0.0638	0.003	0.0668
1736	10.6	10.5	1	1.7838	0.0011	2.7849	0	0.0723	0.0022	0.0745
1737	10.5	10.5	1	1.7838	0.0011	2.7849	0	0.0702	0.002	0.0722
1738	10.7	10.5	1	1.7838	0.0011	2.7849	0	0.0621	0.002	0.0641
1739	10.8	10.5	1	1.7839	0.0011	2.785	0	0.0596	0.0029	0.0625
1740	10.5	10.5	1	1.7834	0.0011	2.7845	0	0.0601	0.003	0.0631
1741	10.8	10.5	1	1.7842	0.0011	2.7853	0	0.0659	0.002	0.0679
1742	10.5	10.5	1	1.7842	0.0011	2.7853	0	0.07	0.0026	0.0727
1743	10.1	10.6	1	1.7842	0.0011	2.7853	0	0.0668	0.002	0.0687
1744	10.4	10.6	1	1.7846	0.0011	2.7857	0	0.0616	0.001	0.0627
1745	9.87	10.6	1	1.7848	0.0011	2.7859	0	0.0627	0.002	0.0647
1746	10.4	10.6	1	1.7853	0.0011	2.7864	0	0.0606	0.0026	0.0632
1747	10.9	10.6	1	1.7855	0.0011	2.7866	0	0.0577	0.003	0.0607
1748	10.8	10.6	1	1.7855	0.0011	2.7866	0	0.0594	0.003	0.0624
1749	10.7	10.6	1	1.7859	0.0011	2.7869	0	0.063	0.003	0.066
1750	10.1	10.5	1	1.7859	0.0011	2.787	0	0.0597	0.0039	0.0635
1751	10.7	10.5	1	1.7861	0.0011	2.7872	0	0.0537	0.0031	0.0568
1752	11	10.5	1	1.7859	0.0011	2.787	0	0.0492	0.001	0.0502
1753	10.8	10.6	1	1.7857	0.0011	2.7868	0	0.0525	0.0012	0.0537
1754	10.9	10.6	1	1.7858	0.0011	2.7869	0	0.0502	0.0031	0.0533
1755	10.4	10.7	1	1.7857	0.0011	2.7868	0	0.0509	0.0029	0.0538
1756	10.7	10.7	1	1.7856	0.0012	2.7868	0	0.0526	0.0021	0.0547
1757	10.6	10.7	1	1.7858	0.0012	2.787	0	0.0554	0.0021	0.0575
1758	10.4	10.7	1	1.786	0.0011	2.7872	0	0.0596	0.0022	0.0617
1759	10.3	10.7	1	1.7861	0.0011	2.7872	0	0.0588	0.0022	0.061
1760	10.5	10.7	1	1.7863	0.0011	2.7874	0	0.0579	0.0022	0.0601
1761	10.7	10.7	1	1.7862	0.0011	2.7873	0	0.0577	0.0022	0.0599
1762	10.7	10.7	1	1.7858	0.0011	2.7869	0	0.0575	0.0022	0.0597
1763	10.4	10.7	1	1.7859	0.0011	2.787	0	0.0553	0.0023	0.0575
1764	11.4	10.7	1	1.786	0.001	2.787	0	0.0525	0.0023	0.0548
1765	11.3	10.7	1	1.7859	0.0011	2.7869	0	0.051	0.0009	0.0519
1766	10.6	10.7	1	1.7857	0.0011	2.7868	0	0.0456	0	0.0456
1767	10.8	10.7	1	1.7855	0.0011	2.7866	0	0.0437	0	0.0437

1768	10.2	10.8	1	1.7855	0.0011	2.7866	0	0.0479	0.0009	0.0488
1769	11.7	10.8	1	1.7851	0.001	2.7861	0	0.0476	0.0012	0.0488
1770	10.4	10.8	1	1.7847	0.0011	2.7858	0	0.0456	0.0012	0.0469
1771	10.2	10.7	1	1.785	0.0011	2.786	0	0.0504	0.0012	0.0517
1772	10.5	10.7	1	1.7848	0.0011	2.7859	0	0.0443	0.0013	0.0455
1773	11.3	10.7	1	1.7844	0.0011	2.7855	0	0.0509	0.0013	0.0522
1774	11.4	10.7	1	1.7841	0.001	2.7852	0	0.0527	0.0013	0.054
1775	10.4	10.7	1	1.7836	0.0011	2.7847	0	0.0503	0.0013	0.0516
1776	10.9	10.7	1	1.7835	0.0011	2.7846	0	0.0605	0.0013	0.0618
1777	10.8	10.6	1	1.7827	0.0011	2.7838	0	0.0569	0.0014	0.0583
1778	10.6	10.7	1	1.7819	0.0011	2.783	0	0.0518	0.0014	0.0531
1779	10.1	10.6	1	1.7819	0.0011	2.783	0	0.0428	0.0014	0.0442
1780	10.3	10.5	1	1.782	0.0011	2.7831	0	0.0374	0.0014	0.0388
1781	10.4	10.5	1	1.7818	0.0011	2.7829	0	0.0353	0.0014	0.0368
1782	10.7	10.6	1	1.7818	0.0011	2.7829	0	0.0369	0.0014	0.0384
1783	10.8	10.5	1	1.7823	0.001	2.7833	0	0.0312	0.0015	0.0326
1784	10.5	10.4	1	1.7822	0.001	2.7832	0	0.0302	0.0015	0.0317
1785	10.9	10.4	1	1.7818	0.0011	2.7829	0	0.0278	0.0015	0.0294
1786	10.3	10.4	1	1.7819	0.0011	2.783	0	0.0276	0.0015	0.0292
1787	10.5	10.4	1	1.7824	0.0011	2.7835	0	0.0271	0.0016	0.0287
1788	9.73	10.4	1	1.7829	0.001	2.7839	0	0.0276	0.0016	0.0292
1789	9.96	10.4	1	1.7829	0.001	2.7839	0	0.0285	0.0016	0.0302
1790	10.4	10.5	1	1.7824	0.0011	2.7835	0	0.0303	0.0016	0.032
1791	10.8	10.5	1	1.7818	0.001	2.7828	0	0.0214	0.0017	0.0231
1792	9.78	10.4	1	1.7816	0.001	2.7826	0	0.0354	0.0017	0.0371
1793	10.6	10.4	1	1.7819	0.0011	2.783	0	0.0362	0.0017	0.0379
1794	9.89	10.4	1	1.7816	0.001	2.7826	0	0.0363	0.0018	0.0381
1795	10.3	10.5	1	1.7817	0.001	2.7827	0	0.0451	0.0018	0.0469
1796	10.7	10.5	1	1.782	0.001	2.783	0	0.0501	0.0018	0.0519
1797	10.8	10.6	1	1.7818	0.001	2.7828	0	0.0603	0.0019	0.0622
1798	11	10.8	1	1.7816	0.001	2.7826	0	0.0654	0.0019	0.0673
1799	10.8	10.8	1	1.7816	0.001	2.7826	0	0.0651	0.0019	0.067
1800	10.5	10.5	1	1.7821	0.001	2.7831	0	0.0739	0.002	0.0759