

Test Name	CDR, WC, rep 2
Cladding	Cedar Wood
Cladding Thickness [mm]	12
Insulation	Water-cooled steel plate
Insulation Thickness [mm]	
Cavity Width [mm]	50
Repetition Number	2
Mass Flow Rate (Propane)	0.2
Description	This experiment is on a system consisting of a Cedar Wood cladding panel and a Water-cooled steel plate insulation panel, separated with a cavity of 50 mm width. It is the second repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	23
Time to Peak HRR [mins]	6.33
Residual HRR [kW]	1.35
Total HR [MJ]	8.73
Peak dQ/dt [kW/s]	0.156
Time to Peak dQ/dt [s]	6.9

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	0.0905	0.0905	2.9704	0	-0.0005	2.9699	1.0275	0	0.0157	1.0432
1	0.186	0.176	2.9686	0	-0.0005	2.9681	1.0185	0	0.0172	1.0356
2	0.253	0.253	2.9677	0	-0.0005	2.9672	1.0112	0	0.017	1.0282
3	0.336	0.411	2.9663	0	-0.0005	2.9658	0.9914	0	0.0153	1.0066
4	0.403	0.791	2.9652	0	-0.0005	2.9647	0.9621	0	0.0183	0.9804
5	0.629	1.42	2.9639	0	-0.0006	2.9634	0.9515	0	0.0197	0.9712
6	0.983	2.1	2.9616	0	-0.0007	2.9609	0.9674	0	0.0185	0.9859
7	1.65	2.78	2.9589	0	-0.0007	2.9582	0.9955	0	0.0173	1.0127
8	2.59	3.46	2.957	0	-0.0006	2.9564	1.0141	0	0.0164	1.0305
9	3.65	4.07	2.9559	0	-0.0006	2.9553	1.0183	0	0.0154	1.0337
10	4.83	4.55	2.9552	0	-0.0006	2.9546	1.0257	0	0.017	1.0427
11	5.43	5.05	2.9538	0	-0.0006	2.9532	1.0301	0	0.0196	1.0497
12	6.25	5.56	2.9521	0	-0.0007	2.9514	1.0209	0	0.0207	1.0416
13	6.68	6.06	2.9512	0	-0.0007	2.9505	1.009	0	0.0146	1.0236
14	7.68	6.57	2.9503	0	-0.0006	2.9497	1.004	0	0.0112	1.0152
15	8.21	7.09	2.9489	0	-0.0006	2.9483	0.9977	0	0.014	1.0117
16	9.05	7.64	2.9479	0	-0.0007	2.9472	0.9889	0	0.0129	1.0017
17	9.33	8.14	2.9463	0	-0.0007	2.9456	0.9814	0	0.0108	0.9922
18	9.09	8.57	2.9442	0	-0.0007	2.9435	0.9759	0	0.0108	0.9868
19	9.27	8.94	2.9426	0	-0.0007	2.9419	0.9705	0	0.0127	0.9832
20	9.72	9.27	2.9415	0	-0.0006	2.9409	0.9635	0	0.0157	0.9791
21	9.8	9.57	2.9401	0	-0.0006	2.9395	0.9629	0	0.0185	0.9814
22	9.93	9.87	2.9387	0	-0.0006	2.9381	0.9721	0	0.0192	0.9914
23	10.1	10.2	2.9378	0	-0.0007	2.9371	0.9597	0	0.0191	0.9789
24	10.5	10.4	2.9366	0	-0.0007	2.9359	0.9539	0	0.02	0.9739
25	11.4	10.6	2.9345	0	-0.0007	2.9338	0.9622	0	0.0185	0.9807
26	11.1	10.8	2.9332	0	-0.0006	2.9326	0.9712	0	0.0159	0.9871
27	10.8	11	2.9321	0	-0.0006	2.9315	0.9716	0	0.0154	0.987
28	10.7	11.1	2.9309	0	-0.0006	2.9303	0.9615	0	0.0162	0.9776

29	11	11.3	2.9301	0	-0.0007	2.9294	0.9621	0	0.0154	0.9775
30	11.3	11.4	2.9291	0	-0.0006	2.9284	0.9621	0	0.0156	0.9777
31	11.8	11.6	2.9289	0	-0.0006	2.9283	0.9562	0	0.0165	0.9727
32	12.1	11.7	2.9301	0	-0.0006	2.9294	0.9452	0	0.0169	0.9621
33	12	11.8	2.9316	0	-0.0007	2.9309	0.9342	0	0.0162	0.9505
34	12.8	11.9	2.9334	0	-0.0007	2.9327	0.9251	0	0.0146	0.9397
35	12.8	12	2.9353	0	-0.0008	2.9345	0.9119	0	0.0128	0.9247
36	12.6	12.1	2.9362	0	-0.0009	2.9353	0.9024	0	0.0128	0.9152
37	12	12.1	2.9359	0	-0.0009	2.935	0.893	0	0.0137	0.9067
38	11.7	12.2	2.9349	0	-0.0009	2.934	0.8829	0	0.0146	0.8975
39	12.6	12.3	2.9338	0	-0.001	2.9328	0.879	0	0.0134	0.8924
40	12.5	12.3	2.9324	0	-0.001	2.9314	0.8754	0	0.0123	0.8876
41	12.3	12.3	2.9307	0	-0.0009	2.9297	0.8751	0	0.0127	0.8878
42	12.4	12.3	2.9286	0	-0.001	2.9277	0.8749	0	0.0136	0.8885
43	12.8	12.3	2.9269	0	-0.001	2.9259	0.8732	0	0.0145	0.8877
44	12.9	12.3	2.9255	0	-0.001	2.9245	0.8686	0	0.0147	0.8833
45	12.2	12.2	2.9242	0	-0.001	2.9232	0.8651	0	0.0146	0.8797
46	11.6	12.2	2.9234	0	-0.001	2.9224	0.8603	0	0.0133	0.8736
47	11.8	12.2	2.9223	0	-0.001	2.9213	0.8467	0	0.0112	0.8578
48	12.6	12.3	2.9218	0	-0.0011	2.9207	0.8323	0	0.0113	0.8436
49	12.2	12.2	2.9203	0	-0.0011	2.9192	0.8323	0	0.0117	0.8441
50	12.3	12.2	2.9198	0	-0.0012	2.9186	0.832	0	0.0098	0.8418
51	11.8	12.2	2.9191	0	-0.0012	2.9179	0.82	0	0.007	0.827
52	11.9	12.2	2.9192	0	-0.0011	2.918	0.813	0	0.0061	0.8191
53	12.1	12.1	2.9197	0	-0.0013	2.9184	0.8126	0	0.0076	0.8202
54	12.1	12.1	2.9194	0	-0.0014	2.918	0.8023	0	0.0102	0.8124
55	12.2	12.1	2.9175	0	-0.0014	2.9162	0.7922	0	0.0123	0.8045
56	12.3	12.1	2.915	0	-0.0013	2.9137	0.7782	0	0.0107	0.789
57	12.3	12.1	2.9129	0	-0.0013	2.9116	0.7565	0	0.0066	0.7631
58	12.2	12.1	2.9116	0	-0.0012	2.9104	0.7364	0	0.0048	0.7412
59	12.3	12.2	2.9102	0	-0.0013	2.9088	0.7244	0	0.0063	0.7307
60	11.9	12.3	2.9089	0	-0.0015	2.9073	0.717	0	0.0077	0.7247
61	11.8	12.3	2.9084	0	-0.0016	2.9068	0.7097	0	0.0093	0.719
62	12.1	12.4	2.9081	0	-0.0012	2.9069	0.7002	0	0.006	0.7062
63	12.1	12.4	2.9074	0	-0.001	2.9064	0.6958	0	0.006	0.7018
64	12.4	12.4	2.9068	0	-0.0012	2.9056	0.6921	0	0.0079	0.6999
65	12.2	12.4	2.9064	0	-0.0012	2.9053	0.6841	0	0.0097	0.6939

66	11.9	12.4	2.9059	0	-0.001	2.9049	0.6734	0	0.0092	0.6826
67	12.5	12.4	2.9053	0	-0.0011	2.9043	0.668	0	0.0069	0.6749
68	13.3	12.4	2.9047	0	-0.0012	2.9035	0.6547	0	0.0042	0.6589
69	13.4	12.4	2.9043	0	-0.0014	2.9028	0.6339	0	0.0019	0.6358
70	13	12.4	2.9033	0	-0.0016	2.9017	0.6191	0	0.0006	0.6197
71	12.5	12.5	2.9017	0	-0.0017	2.9	0.6103	0	0.0004	0.6107
72	12.4	12.5	2.9016	0	-0.0017	2.8999	0.5982	0	0.001	0.5992
73	11.9	12.6	2.9011	0	-0.0018	2.8993	0.5867	0	0.0008	0.5875
74	12.2	12.6	2.8995	0	-0.0017	2.8978	0.583	0	0.0002	0.5831
75	12.3	12.7	2.8979	0	-0.0015	2.8964	0.5689	0	0.0011	0.57
76	12.8	12.7	2.8969	0	-0.0015	2.8954	0.5488	0	0.002	0.5508
77	12.1	12.7	2.8967	0	-0.0016	2.8951	0.5423	0	0.0019	0.5443
78	12.1	12.6	2.8957	0	-0.0015	2.8942	0.5366	0	0.002	0.5386
79	13	12.6	2.8947	0	-0.0016	2.8932	0.5274	0	0.002	0.5294
80	13.3	12.5	2.8942	0	-0.0017	2.8926	0.5225	0	0.0014	0.5238
81	12.9	12.5	2.8942	0	-0.0017	2.8925	0.5221	0	0.0021	0.5242
82	13	12.4	2.8942	0	-0.0017	2.8925	0.5307	0	0.003	0.5337
83	13.2	12.4	2.894	0	-0.0015	2.8924	0.5502	0	0.0026	0.5528
84	12.6	12.4	2.8942	0	-0.0014	2.8928	0.5739	0	0.002	0.5759
85	12.4	12.4	2.8941	0	-0.0014	2.8927	0.6078	0	0.0021	0.6099
86	12.2	12.3	2.894	0	-0.0015	2.8925	0.6545	0	0.0017	0.6561
87	12.5	12.3	2.894	0	-0.0016	2.8924	0.6864	0	-0.0001	0.6863
88	12.3	12.3	2.8935	0	-0.0015	2.892	0.6961	0	-0.001	0.6952
89	12.2	12.2	2.8929	0	-0.0014	2.8915	0.6873	0	0	0.6873
90	11.5	12.2	2.8921	0	-0.0015	2.8906	0.6847	0	-0.0017	0.683
91	11.6	12.1	2.8912	0	-0.0016	2.8896	0.6816	0	-0.0012	0.6804
92	11.7	12	2.8905	0	-0.0017	2.8888	0.6703	0	-0.0004	0.6699
93	11.9	12	2.89	0	-0.0017	2.8883	0.6596	0	-0.0005	0.6591
94	12.1	11.9	2.8895	0	-0.0017	2.8878	0.6573	0	0.0001	0.6575
95	11.7	11.9	2.8891	0	-0.0016	2.8875	0.6516	0	0.001	0.6526
96	11.6	11.9	2.8896	0	-0.0014	2.8882	0.6404	0	0.001	0.6414
97	12	11.9	2.8901	0	-0.0014	2.8887	0.6372	0	0.0013	0.6385
98	12	11.8	2.8893	0	-0.0015	2.8878	0.6326	0	0.0016	0.6342
99	11.6	11.8	2.8885	0	-0.0013	2.8872	0.6334	0	0	0.6334
100	11.7	11.9	2.8884	0	-0.0012	2.8872	0.6289	0	0	0.6289
101	11.6	11.9	2.8873	0	-0.0011	2.8862	0.6334	0	-0.0009	0.6325
102	12.2	12	2.8865	0	-0.0013	2.8852	0.6326	0	-0.0019	0.6307

103	12.2	12	2.8861	0	-0.0015	2.8846	0.6402	0	-0.0012	0.639
104	12	12	2.886	0	-0.0017	2.8843	0.6497	0	-0.003	0.6466
105	11.8	12	2.8861	0	-0.0016	2.8845	0.6589	0	-0.0054	0.6536
106	11.8	12.1	2.8859	0	-0.0013	2.8846	0.6486	0	-0.0061	0.6425
107	11.7	12.1	2.8852	0	-0.0011	2.8841	0.6287	0	-0.006	0.6227
108	11.7	12	2.8845	0	-0.0012	2.8833	0.6152	0	-0.0052	0.61
109	12.3	12.1	2.8842	0	-0.0014	2.8829	0.6141	0	-0.0039	0.6102
110	12.6	12.1	2.8842	0	-0.0015	2.8827	0.6131	0	-0.0038	0.6093
111	12.5	12.1	2.8838	0	-0.0012	2.8826	0.6019	0	-0.0039	0.5981
112	12.5	12	2.8825	0	-0.0013	2.8812	0.601	0	-0.0041	0.5969
113	12.2	12	2.882	0	-0.0015	2.8806	0.6139	0	-0.0014	0.6125
114	12.4	12	2.8819	0	-0.0016	2.8803	0.6208	0	-0.0013	0.6195
115	12.3	12.1	2.8815	0	-0.0015	2.88	0.627	0	-0.0033	0.6238
116	11.9	12.1	2.8811	0	-0.0014	2.8797	0.6267	0	-0.0035	0.6233
117	11.8	12.1	2.8808	0	-0.0011	2.8797	0.6275	0	-0.0017	0.6258
118	11.9	12.1	2.8808	0	-0.0009	2.8799	0.6298	0	-0.0009	0.6289
119	11.9	12	2.8807	0	-0.0007	2.88	0.6217	0	-0.003	0.6186
120	11.5	11.9	2.8804	0	-0.0006	2.8798	0.6186	0	-0.0057	0.6129
121	11.6	11.9	2.8803	0	-0.0007	2.8796	0.6196	0	-0.0065	0.6131
122	12.2	11.8	2.88	0	-0.0007	2.8793	0.6123	0	-0.006	0.6063
123	12.3	11.9	2.8795	0	-0.0007	2.8788	0.62	0	-0.0061	0.6139
124	12.2	11.9	2.8797	0	-0.0008	2.8789	0.6176	0	-0.0071	0.6105
125	12.2	11.9	2.8796	0	-0.0009	2.8787	0.6054	0	-0.0069	0.5986
126	11.5	11.9	2.879	0	-0.0008	2.8781	0.5908	0	-0.0032	0.5876
127	11.4	12	2.8784	0	-0.0008	2.8776	0.5908	0	-0.0039	0.5869
128	11	12	2.8781	0	-0.0008	2.8773	0.607	0	-0.0031	0.6039
129	11.1	12.1	2.8778	0	-0.0008	2.877	0.6094	0	-0.003	0.6064
130	11.5	12.2	2.8768	0	-0.0009	2.876	0.6127	0	-0.003	0.6097
131	12	12.3	2.8758	0	-0.0009	2.8749	0.6134	0	-0.0046	0.6088
132	12.5	12.3	2.8751	0	-0.0009	2.8742	0.618	0	-0.006	0.612
133	12.7	12.4	2.8742	0	-0.0009	2.8733	0.6262	0	-0.0052	0.621
134	12.5	12.4	2.8726	0	-0.0009	2.8717	0.635	0	-0.0028	0.6322
135	12.6	12.4	2.8699	0	-0.001	2.8689	0.6514	0	0.0002	0.6516
136	13.1	12.5	2.8675	0	-0.0009	2.8667	0.6495	0	0.0009	0.6503
137	12.5	12.6	2.8663	0	-0.0008	2.8655	0.655	0	-0.0001	0.6549
138	12.9	12.7	2.8662	0	-0.0009	2.8653	0.6559	0	-0.001	0.6549
139	14.1	12.8	2.8653	0	-0.0008	2.8645	0.6693	0	-0.001	0.6684

140	13	12.8	2.8642	0	-0.0009	2.8633	0.6816	0	-0.0002	0.6814
141	12.9	12.9	2.8636	0	-0.0009	2.8627	0.6878	0	0.0006	0.6884
142	13.2	12.9	2.8626	0	-0.0009	2.8617	0.6929	0	0.0003	0.6932
143	12.7	12.9	2.8612	0	-0.001	2.8602	0.6974	0	-0.0001	0.6973
144	12.8	13	2.8604	0	-0.0011	2.8593	0.6993	0	0.0004	0.6997
145	13.1	13	2.8601	0	-0.0011	2.859	0.6934	0	0.0013	0.6947
146	12.8	13	2.8597	0	-0.0011	2.8585	0.6863	0	0.0031	0.6894
147	13.3	13	2.8591	0	-0.0012	2.8579	0.6923	0	0.0047	0.697
148	12.9	13	2.8584	0	-0.0011	2.8573	0.7024	0	0.0028	0.7052
149	12.5	13	2.8574	0	-0.0011	2.8563	0.7068	0	0.0022	0.7091
150	12.6	13	2.8564	0	-0.0011	2.8553	0.7118	0	0.004	0.7159
151	13.7	13	2.8559	0	-0.001	2.8548	0.7246	0	0.005	0.7295
152	12.9	12.9	2.8551	0	-0.001	2.8541	0.7315	0	0.0051	0.7366
153	13.4	13	2.8548	0	-0.001	2.8538	0.7325	0	0.0027	0.7353
154	13	13	2.8535	0	-0.0009	2.8526	0.7475	0	0.0004	0.7479
155	12.6	12.9	2.8527	0	-0.0007	2.8519	0.7641	0	-0.0008	0.7634
156	12.8	13	2.8521	0	-0.0007	2.8514	0.7707	0	0.0007	0.7714
157	13	13	2.8514	0	-0.0007	2.8506	0.7685	0	0.0039	0.7724
158	13.1	13.1	2.8502	0	-0.0008	2.8494	0.7685	0	0.0053	0.7739
159	13.1	13.2	2.8488	0	-0.001	2.8479	0.7847	0	0.0037	0.7884
160	12.8	13.2	2.8487	0	-0.0011	2.8475	0.8105	0	0.0025	0.8131
161	12.8	13.3	2.8483	0	-0.0012	2.8471	0.8333	0	0.0037	0.837
162	13.2	13.4	2.8467	0	-0.0011	2.8456	0.838	0	0.0069	0.8449
163	12.6	13.4	2.8454	0	-0.0009	2.8445	0.8406	0	0.006	0.8465
164	12.5	13.5	2.8441	0	-0.0009	2.8432	0.8437	0	0.0055	0.8492
165	13.2	13.6	2.8438	0	-0.0008	2.8429	0.8436	0	0.0063	0.8499
166	13.7	13.7	2.8432	0	-0.0009	2.8423	0.8437	0	0.0073	0.8509
167	14.3	13.8	2.8424	0	-0.001	2.8414	0.8439	0	0.0076	0.8515
168	14.5	13.9	2.8426	0	-0.0009	2.8417	0.843	0	0.0085	0.8516
169	14.2	14	2.8424	0	-0.0008	2.8415	0.8495	0	0.0098	0.8593
170	14.1	14.1	2.8414	0	-0.001	2.8404	0.8681	0	0.0104	0.8785
171	14.7	14.3	2.8405	0	-0.0011	2.8394	0.8841	0	0.0086	0.8927
172	14.5	14.4	2.8396	0	-0.0011	2.8385	0.8918	0	0.008	0.8999
173	14.1	14.5	2.8393	0	-0.0011	2.8383	0.9033	0	0.0089	0.9123
174	15.5	14.6	2.839	0	-0.001	2.838	0.9061	0	0.008	0.9141
175	14.1	14.8	2.8388	0	-0.0012	2.8376	0.9067	0	0.0069	0.9136
176	15.1	14.9	2.8378	0	-0.0011	2.8367	0.9138	0	0.0067	0.9205

177	14.9	15	2.836	0	-0.0013	2.8347	0.9109	0	0.0085	0.9194
178	14.8	15.1	2.8347	0	-0.0012	2.8335	0.9086	0	0.0095	0.9181
179	15.3	15.2	2.8335	0	-0.0013	2.8322	0.913	0	0.01	0.923
180	15.5	15.2	2.8329	0	-0.0012	2.8317	0.9168	0	0.01	0.9268
181	15.1	15.3	2.8324	0	-0.0011	2.8313	0.9151	0	0.0091	0.9242
182	15.1	15.3	2.8315	0	-0.0011	2.8304	0.9192	0	0.0082	0.9274
183	15.6	15.4	2.8305	0	-0.0013	2.8292	0.9339	0	0.0093	0.9432
184	15.5	15.4	2.829	0	-0.0014	2.8276	0.9497	0	0.011	0.9608
185	16.1	15.5	2.8291	0	-0.0015	2.8276	0.9532	0	0.0117	0.9649
186	16.4	15.5	2.8285	0	-0.0015	2.827	0.956	0	0.0112	0.9672
187	15.7	15.6	2.8284	0	-0.0015	2.8269	0.9622	0	0.0137	0.9759
188	15.8	15.7	2.8265	0	-0.0014	2.8251	0.9625	0	0.015	0.9774
189	15.3	15.7	2.8248	0	-0.0014	2.8234	0.9736	0	0.016	0.9896
190	15.7	15.8	2.8233	0	-0.0015	2.8217	0.9812	0	0.0173	0.9986
191	15.9	15.9	2.8219	0	-0.0016	2.8203	0.9887	0	0.0152	1.0039
192	15.8	15.9	2.8207	0	-0.0017	2.8191	0.9992	0	0.0136	1.0128
193	15.5	16	2.8201	0	-0.0017	2.8184	1.0032	0	0.013	1.0162
194	15.4	16.1	2.8202	0	-0.0018	2.8183	0.9999	0	0.0123	1.0122
195	15.8	16.1	2.8205	0	-0.0019	2.8186	0.9972	0	0.0128	1.01
196	15.9	16.2	2.8203	0	-0.0019	2.8185	1.0051	0	0.0121	1.0172
197	16.7	16.3	2.8199	0	-0.0017	2.8182	1.0179	0	0.0127	1.0306
198	16.1	16.3	2.8186	0	-0.0017	2.8169	1.0227	0	0.0113	1.034
199	16.2	16.5	2.8173	0	-0.0017	2.8156	1.0351	0	0.0095	1.0446
200	16.9	16.5	2.8159	0	-0.0017	2.8142	1.0359	0	0.0082	1.0441
201	16.4	16.6	2.8142	0	-0.0016	2.8126	1.0397	0	0.0066	1.0464
202	16.4	16.8	2.8132	0	-0.0015	2.8117	1.0552	0	0.0063	1.0615
203	17	16.9	2.8113	0	-0.0016	2.8098	1.0677	0	0.0081	1.0758
204	17.9	17.1	2.8096	0	-0.0017	2.8079	1.0749	0	0.0104	1.0854
205	17.9	17.2	2.809	0	-0.0017	2.8073	1.0675	0	0.012	1.0795
206	17	17.3	2.8091	0	-0.0017	2.8074	1.0689	0	0.0131	1.082
207	16.9	17.5	2.8084	0	-0.0017	2.8067	1.0758	0	0.015	1.0908
208	17.2	17.6	2.8061	0	-0.0016	2.8045	1.0731	0	0.0144	1.0874
209	17.2	17.7	2.8032	0	-0.0016	2.8015	1.0664	0	0.0117	1.078
210	17.6	17.8	2.8009	0	-0.0019	2.799	1.0683	0	0.0105	1.0787
211	18.6	17.9	2.8	0	-0.0019	2.7981	1.0836	0	0.0105	1.0941
212	18.8	18	2.7984	0	-0.0019	2.7965	1.0883	0	0.0109	1.0992
213	17.8	18.2	2.7977	0	-0.002	2.7956	1.0839	0	0.0114	1.0953

214	18.1	18.3	2.7976	0	-0.0022	2.7953	1.0854	0	0.0123	1.0977
215	18.9	18.3	2.7971	0	-0.0022	2.7949	1.0945	0	0.0125	1.107
216	18.9	18.5	2.7967	0	-0.0021	2.7945	1.1159	0	0.0134	1.1292
217	18.5	18.6	2.7965	0	-0.002	2.7946	1.1305	0	0.0119	1.1424
218	18.1	18.7	2.7959	0	-0.0019	2.794	1.1361	0	0.0106	1.1467
219	18.2	18.8	2.7939	0	-0.0018	2.7921	1.156	0	0.0121	1.1681
220	18.5	18.9	2.792	0	-0.0015	2.7905	1.17	0	0.0126	1.1826
221	19.7	18.9	2.7911	0	-0.0015	2.7896	1.176	0	0.0123	1.1882
222	20.1	18.9	2.7897	0	-0.0016	2.7881	1.1754	0	0.012	1.1873
223	19.2	19	2.7889	0	-0.0015	2.7874	1.1804	0	0.012	1.1924
224	18.9	19.1	2.789	0	-0.0015	2.7875	1.188	0	0.0114	1.1994
225	19.5	19.1	2.7882	0	-0.0016	2.7867	1.1973	0	0.0119	1.2092
226	19.2	19.3	2.7879	0	-0.0017	2.7862	1.2116	0	0.0094	1.2211
227	19.1	19.4	2.7875	0	-0.0018	2.7858	1.2158	0	0.0104	1.2263
228	19.5	19.6	2.7868	0	-0.0018	2.785	1.2121	0	0.0089	1.221
229	19.3	19.8	2.7861	0	-0.0018	2.7843	1.2174	0	0.0095	1.2269
230	18.9	19.9	2.7853	0	-0.0018	2.7836	1.2215	0	0.0107	1.2322
231	19.2	19.9	2.7839	0	-0.0017	2.7822	1.2263	0	0.0125	1.2389
232	19.2	19.9	2.7817	0	-0.0018	2.7798	1.2281	0	0.015	1.2431
233	19.5	20	2.7792	0	-0.002	2.7772	1.2355	0	0.0147	1.2502
234	20.2	20.1	2.7773	0	-0.0021	2.7752	1.2435	0	0.0154	1.2589
235	22	20.1	2.7743	0	-0.0021	2.7722	1.241	0	0.0147	1.2557
236	21.1	20.2	2.7713	0	-0.0023	2.7691	1.2674	0	0.014	1.2814
237	21.3	20.2	2.7701	0	-0.0023	2.7678	1.2764	0	0.0126	1.2889
238	21	20.3	2.7688	0	-0.0025	2.7663	1.29	0	0.0114	1.3014
239	20.3	20.3	2.7672	0	-0.0025	2.7646	1.2807	0	0.0118	1.2926
240	20	20.4	2.7654	0	-0.0024	2.763	1.2725	0	0.0115	1.284
241	20.4	20.5	2.7637	0	-0.0023	2.7615	1.269	0	0.0088	1.2778
242	21	20.6	2.7623	0	-0.0022	2.7601	1.2659	0	0.006	1.2719
243	20.9	20.6	2.7612	0	-0.0022	2.7589	1.2667	0	0.0032	1.2699
244	20.3	20.6	2.7606	0	-0.0024	2.7583	1.2707	0	0.0012	1.2719
245	20.3	20.5	2.7596	0	-0.0023	2.7573	1.2799	0	-0.0014	1.2785
246	19.9	20.5	2.7579	0	-0.0024	2.7555	1.3016	0	-0.003	1.2986
247	20.4	20.5	2.7568	0	-0.0023	2.7545	1.3234	0	-0.0027	1.3207
248	20.3	20.4	2.7549	0	-0.002	2.7529	1.3303	0	-0.001	1.3293
249	20.9	20.5	2.7538	0	-0.0019	2.7519	1.3326	0	-0.001	1.3316
250	20.5	20.5	2.7524	0	-0.0018	2.7507	1.3331	0	-0.001	1.3321

251	20.3	20.5	2.7503	0	-0.0016	2.7487	1.3254	0	-0.001	1.3244
252	20.1	20.5	2.7484	0	-0.0018	2.7465	1.3068	0	-0.0013	1.3055
253	20.5	20.6	2.7473	0	-0.002	2.7452	1.2966	0	-0.0022	1.2944
254	20.7	20.7	2.7467	0	-0.0021	2.7447	1.2822	0	-0.0036	1.2786
255	20.3	20.8	2.7458	0	-0.0021	2.7437	1.2734	0	-0.0042	1.2692
256	20.6	20.9	2.7445	0	-0.0022	2.7423	1.2807	0	-0.003	1.2777
257	20.8	21	2.744	0	-0.0022	2.7419	1.2972	0	0.001	1.2982
258	20.5	21	2.7436	0	-0.002	2.7416	1.3109	0	0.0013	1.3123
259	21.2	21.1	2.742	0	-0.002	2.74	1.2895	0	0.0039	1.2934
260	20.6	21.1	2.7403	0	-0.0022	2.7381	1.2725	0	0.008	1.2805
261	20.9	21.1	2.7395	0	-0.0023	2.7372	1.2651	0	0.006	1.2711
262	22	21.1	2.7383	0	-0.0022	2.7361	1.2748	0	0.006	1.2808
263	22.8	21.1	2.7368	0	-0.0021	2.7347	1.2807	0	0.0066	1.2873
264	22.4	21.1	2.7347	0	-0.0022	2.7325	1.2975	0	0.0062	1.3036
265	21.8	21.2	2.7322	0	-0.0022	2.73	1.3188	0	0.0048	1.3237
266	21.7	21.2	2.7301	0	-0.0021	2.7281	1.3318	0	0.0049	1.3367
267	21.5	21.2	2.7287	0	-0.002	2.7267	1.3442	0	0.006	1.3502
268	21.4	21.3	2.727	0	-0.0021	2.7249	1.3624	0	0.0046	1.367
269	20.3	21.2	2.7254	0	-0.0021	2.7233	1.3758	0	0.0024	1.3782
270	20.9	21.2	2.7238	0	-0.0022	2.7216	1.3773	0	0.0045	1.3818
271	20.4	21.2	2.7229	0	-0.0023	2.7206	1.3834	0	0.007	1.3904
272	20.6	21.1	2.7216	0	-0.0023	2.7193	1.3913	0	0.007	1.3983
273	20.5	21	2.7205	0	-0.0022	2.7183	1.4008	0	0.0045	1.4053
274	21.7	21	2.7193	0	-0.0022	2.7171	1.4144	0	0.0035	1.4179
275	21.7	20.9	2.7176	0	-0.0021	2.7155	1.4352	0	0.003	1.4382
276	21.1	21	2.7162	0	-0.0022	2.7141	1.4507	0	0.0023	1.453
277	20.7	21	2.7148	0	-0.0022	2.7126	1.4678	0	0.0018	1.4696
278	20.5	21	2.713	0	-0.0022	2.7108	1.4846	0	0.0029	1.4875
279	20.1	21.1	2.7113	0	-0.0023	2.709	1.5022	0	0.0056	1.5077
280	20.2	21.1	2.7103	0	-0.0024	2.7078	1.5125	0	0.0074	1.5199
281	20.8	21.1	2.7096	0	-0.0026	2.707	1.5247	0	0.0095	1.5343
282	21.2	21.1	2.708	0	-0.0026	2.7054	1.514	0	0.0118	1.5258
283	21.4	21.2	2.7061	0	-0.0028	2.7033	1.5123	0	0.0107	1.5231
284	21.4	21.1	2.7049	0	-0.0029	2.7021	1.4984	0	0.0064	1.5048
285	22.5	21	2.7024	0	-0.0029	2.6995	1.4991	0	0.0058	1.5049
286	21.2	21	2.7009	0	-0.0028	2.6981	1.4857	0	0.006	1.4917
287	21.2	21	2.6994	0	-0.0026	2.6968	1.4708	0	0.005	1.4758

288	22.5	21.1	2.6985	0	-0.0026	2.6959	1.4758	0	0.0055	1.4813
289	21.9	21.2	2.6975	0	-0.0026	2.695	1.4812	0	0.0032	1.4845
290	20.5	21.3	2.6964	0	-0.0024	2.694	1.4769	0	0.0012	1.4782
291	20.6	21.3	2.6953	0	-0.0022	2.6931	1.4695	0	0.0022	1.4717
292	20.9	21.3	2.6941	0	-0.002	2.6921	1.4715	0	0.004	1.4755
293	20.5	21.2	2.693	0	-0.0019	2.6912	1.4798	0	0.0028	1.4825
294	20.5	21.2	2.6922	0	-0.0017	2.6905	1.4905	0	0.0005	1.491
295	20.6	21.2	2.6903	0	-0.0016	2.6887	1.5072	0	-0.0008	1.5064
296	21	21.2	2.688	0	-0.0016	2.6864	1.5182	0	-0.0001	1.5181
297	22.2	21.3	2.6869	0	-0.0016	2.6853	1.5156	0	0.0014	1.517
298	22.6	21.3	2.6854	0	-0.0016	2.6838	1.5228	0	0.0029	1.5257
299	21.4	21.3	2.684	0	-0.0016	2.6824	1.5285	0	0.0049	1.5334
300	20.8	21.4	2.6834	0	-0.0016	2.6818	1.5388	0	0.0058	1.5445
301	20.9	21.6	2.6835	0	-0.0015	2.682	1.544	0	0.0078	1.5518
302	20.7	21.7	2.6836	0	-0.0013	2.6823	1.5408	0	0.0103	1.5512
303	20.7	21.8	2.6831	0	-0.0012	2.6819	1.5363	0	0.0105	1.5468
304	21.5	21.9	2.6822	0	-0.0012	2.681	1.5439	0	0.0094	1.5533
305	22.4	22	2.681	0	-0.0014	2.6796	1.5543	0	0.0081	1.5625
306	23	22.1	2.6794	0	-0.0018	2.6776	1.5641	0	0.0064	1.5705
307	21.5	22.2	2.6773	0	-0.0018	2.6755	1.5662	0	0.0031	1.5693
308	22	22.2	2.6771	0	-0.002	2.6751	1.5729	0	0.0041	1.577
309	23.2	22.3	2.6759	0	-0.0024	2.6735	1.5903	0	0.006	1.5963
310	23.4	22.4	2.6744	0	-0.0025	2.6719	1.5967	0	0.0067	1.6034
311	22.5	22.6	2.6725	0	-0.0025	2.67	1.5999	0	0.0072	1.6071
312	22.6	22.7	2.6704	0	-0.0026	2.6678	1.6106	0	0.0072	1.6179
313	22.9	22.9	2.6679	0	-0.0027	2.6653	1.6196	0	0.0082	1.6277
314	22.4	23	2.6657	0	-0.0027	2.663	1.6295	0	0.01	1.6394
315	22.8	23.1	2.664	0	-0.0027	2.6612	1.6371	0	0.0102	1.6473
316	24.1	23	2.6622	0	-0.0027	2.6595	1.64	0	0.0094	1.6494
317	23.4	23.1	2.6603	0	-0.0024	2.6579	1.6507	0	0.0105	1.6612
318	23.4	23.1	2.6583	0	-0.0021	2.6562	1.6767	0	0.0117	1.6884
319	22.3	23.1	2.6561	0	-0.0022	2.6539	1.6779	0	0.011	1.6889
320	23.9	23.1	2.6537	0	-0.0022	2.6515	1.6886	0	0.0109	1.6995
321	23.3	23.2	2.652	0	-0.0022	2.6498	1.699	0	0.01	1.709
322	23.8	23.3	2.6496	0	-0.002	2.6476	1.7264	0	0.0083	1.7347
323	24.2	23.3	2.6475	0	-0.0019	2.6456	1.7382	0	0.0086	1.7469
324	23.4	23.4	2.6455	0	-0.0018	2.6437	1.75	0	0.0087	1.7586

325	22.4	23.5	2.6432	0	-0.0018	2.6414	1.763	0	0.007	1.7701
326	22	23.5	2.6411	0	-0.0018	2.6392	1.7676	0	0.0066	1.7742
327	22.3	23.6	2.6391	0	-0.002	2.637	1.7663	0	0.0071	1.7734
328	22.9	23.6	2.6366	0	-0.0024	2.6343	1.7694	0	0.0091	1.7785
329	23.8	23.8	2.6349	0	-0.0025	2.6324	1.7732	0	0.0114	1.7846
330	23.8	23.9	2.6329	0	-0.0027	2.6301	1.7646	0	0.0109	1.7755
331	25.5	24.1	2.6325	0	-0.0029	2.6296	1.7671	0	0.0134	1.7805
332	23.5	24.2	2.6304	0	-0.0029	2.6275	1.7829	0	0.0147	1.7976
333	24.3	24.3	2.6294	0	-0.0026	2.6267	1.7883	0	0.0157	1.804
334	24.6	24.5	2.6274	0	-0.0027	2.6247	1.7929	0	0.0133	1.8062
335	24.4	24.7	2.6257	0	-0.0027	2.623	1.8029	0	0.0115	1.8143
336	24.2	25	2.6242	0	-0.0028	2.6215	1.8054	0	0.0116	1.8169
337	24.6	25.3	2.6225	0	-0.0029	2.6196	1.8174	0	0.0116	1.829
338	25.3	25.4	2.6207	0	-0.0028	2.6179	1.8224	0	0.0092	1.8317
339	26	25.6	2.6195	0	-0.0027	2.6168	1.8313	0	0.0077	1.839
340	26.6	25.8	2.6184	0	-0.0026	2.6158	1.8475	0	0.0106	1.8581
341	26.6	25.9	2.6166	0	-0.0027	2.6139	1.8517	0	0.0128	1.8646
342	25.8	26.1	2.6143	0	-0.0025	2.6119	1.8539	0	0.015	1.8689
343	26.7	26.2	2.6121	0	-0.0023	2.6098	1.8588	0	0.0164	1.8752
344	26.3	26.4	2.6099	0	-0.0023	2.6076	1.865	0	0.0133	1.8784
345	28.3	26.7	2.6078	0	-0.0023	2.6055	1.8736	0	0.0134	1.887
346	26.8	27	2.6063	0	-0.0025	2.6038	1.8768	0	0.0111	1.888
347	26	27.3	2.6045	0	-0.0026	2.6019	1.8831	0	0.0094	1.8925
348	27.9	27.6	2.6021	0	-0.0025	2.5995	1.8989	0	0.0096	1.9085
349	27.9	27.8	2.6	0	-0.0025	2.5975	1.901	0	0.0087	1.9097
350	27.1	27.9	2.598	0	-0.0025	2.5955	1.9101	0	0.0078	1.918
351	26.9	28.1	2.5962	0	-0.0027	2.5936	1.9151	0	0.0071	1.9222
352	26.7	28.4	2.5947	0	-0.0029	2.5919	1.9249	0	0.0091	1.934
353	27.8	28.5	2.5929	0	-0.003	2.5899	1.948	0	0.0128	1.9607
354	29.2	28.7	2.5913	0	-0.0029	2.5884	1.9561	0	0.0148	1.971
355	31.5	28.7	2.5894	0	-0.0027	2.5867	1.9625	0	0.0132	1.9757
356	29.9	28.9	2.5879	0	-0.0025	2.5854	1.9668	0	0.011	1.9778
357	31.3	29.1	2.5868	0	-0.0026	2.5842	1.9686	0	0.007	1.9756
358	29.7	29.2	2.5845	0	-0.0026	2.5819	1.9659	0	0.0075	1.9733
359	28.5	29.2	2.5823	0	-0.0027	2.5797	1.985	0	0.0048	1.9898
360	30.3	29.4	2.5803	0	-0.0029	2.5774	2.0006	0	-0.0009	1.9998
361	30.6	29.7	2.5784	0	-0.003	2.5754	2.0137	0	-0.0007	2.013

362	29.4	30	2.5764	0	-0.003	2.5733	2.015	0	0.0008	2.0158
363	28.7	30.2	2.5739	0	-0.0031	2.5707	2.0183	0	0.0033	2.0216
364	28.8	30.4	2.571	0	-0.0032	2.5678	2.0164	0	0.0015	2.0179
365	29.9	30.5	2.5682	0	-0.0031	2.5651	2.0285	0	-0.0008	2.0277
366	30.8	30.6	2.5651	0	-0.0031	2.562	2.0262	0	-0.0014	2.0248
367	29.1	30.6	2.5611	0	-0.0032	2.5579	2.0386	0	-0.0034	2.0352
368	28.9	30.6	2.5592	0	-0.0032	2.556	2.0374	0	-0.0013	2.0362
369	30.6	30.6	2.5565	0	-0.0032	2.5533	2.0217	0	0.003	2.0247
370	32.4	30.7	2.5539	0	-0.0032	2.5507	2.0046	0	0.003	2.0076
371	31.8	30.7	2.5503	0	-0.0031	2.5472	1.995	0	0.0026	1.9976
372	32.6	30.9	2.5478	0	-0.0032	2.5446	2.001	0	0.002	2.003
373	33.1	30.9	2.5455	0	-0.0031	2.5425	1.9987	0	0.0035	2.0023
374	32.6	31	2.5429	0	-0.0029	2.54	1.9963	0	0.0056	2.002
375	32	31	2.5409	0	-0.0028	2.5381	1.9939	0	0.0079	2.0018
376	31.2	31	2.5396	0	-0.0029	2.5367	1.986	0	0.0061	1.992
377	30.3	31.1	2.5378	0	-0.0031	2.5348	1.9755	0	0.0082	1.9837
378	29.2	31.3	2.5357	0	-0.0033	2.5324	1.9748	0	0.0073	1.9821
379	30.7	31.5	2.5348	0	-0.0034	2.5314	1.9678	0	0.0065	1.9743
380	30.9	31.5	2.5336	0	-0.0038	2.5298	1.9664	0	0.0074	1.9739
381	32.8	31.3	2.5313	0	-0.0041	2.5272	1.9611	0	0.0073	1.9684
382	30.1	31.4	2.5292	0	-0.0042	2.525	1.974	0	0.0051	1.9791
383	29.9	31.3	2.5268	0	-0.0041	2.5227	1.971	0	0.004	1.975
384	30.2	31.2	2.5247	0	-0.004	2.5206	1.9781	0	0.0066	1.9846
385	30.4	31.1	2.5219	0	-0.0041	2.5178	1.9772	0	0.0064	1.9837
386	31.4	31.1	2.5191	0	-0.0039	2.5152	1.9792	0	0.0073	1.9865
387	33	31.1	2.5172	0	-0.0036	2.5136	1.9835	0	0.0094	1.9929
388	33.7	31.2	2.5153	0	-0.0034	2.512	1.9813	0	0.0067	1.988
389	31.8	31.3	2.5128	0	-0.0036	2.5091	1.9911	0	0.0043	1.9955
390	29.6	31.3	2.5112	0	-0.0037	2.5075	2.0058	0	0.0038	2.0096
391	32.9	31.2	2.5099	0	-0.0037	2.5062	2.0161	0	0.0044	2.0205
392	32.3	31.1	2.5082	0	-0.0036	2.5046	2.0175	0	0.005	2.0224
393	30.8	31	2.5065	0	-0.0032	2.5034	2.0109	0	0.0082	2.0191
394	30.3	30.9	2.5048	0	-0.003	2.5018	2.0094	0	0.0114	2.0208
395	30.9	30.9	2.5026	0	-0.0027	2.4999	2.0157	0	0.012	2.0277
396	30.6	30.9	2.4997	0	-0.0025	2.4971	2.0181	0	0.012	2.0301
397	30.4	30.8	2.497	0	-0.0026	2.4944	2.0305	0	0.0096	2.0402
398	31.8	30.7	2.4953	0	-0.0025	2.4928	2.0383	0	0.0088	2.0471

399	31.6	30.6	2.493	0	-0.0024	2.4906	2.0468	0	0.0067	2.0535
400	30.1	30.6	2.4919	0	-0.0023	2.4896	2.0436	0	0.007	2.0506
401	29.6	30.5	2.491	0	-0.0024	2.4886	2.037	0	0.0065	2.0435
402	27.9	30.5	2.4888	0	-0.0026	2.4862	2.0324	0	0.0038	2.0362
403	28.4	30.5	2.4875	0	-0.0027	2.4848	2.0347	0	0.0014	2.0361
404	29.8	30.5	2.486	0	-0.0025	2.4834	2.0278	0	-0.0004	2.0274
405	30.9	30.5	2.4843	0	-0.0025	2.4818	2.0258	0	-0.0008	2.0251
406	31.6	30.5	2.4825	0	-0.0025	2.48	2.0217	0	0.0008	2.0225
407	31	30.6	2.4807	0	-0.0026	2.4782	2.0139	0	0.0045	2.0184
408	30.2	30.6	2.4786	0	-0.0025	2.4761	2.0083	0	0.0053	2.0136
409	30.4	30.6	2.4759	0	-0.0023	2.4735	1.991	0	0.0059	1.9969
410	30.9	30.6	2.473	0	-0.0024	2.4706	1.9847	0	0.0043	1.989
411	31.5	30.7	2.471	0	-0.0026	2.4684	1.9871	0	0.003	1.9901
412	31.2	30.9	2.4685	0	-0.0029	2.4657	1.9883	0	-0.0005	1.9878
413	31.3	31	2.4663	0	-0.0028	2.4635	1.9843	0	-0.0029	1.9814
414	30.1	31	2.4628	0	-0.0026	2.4602	1.9709	0	-0.0044	1.9665
415	31	31	2.4613	0	-0.0026	2.4587	1.9566	0	-0.0047	1.9519
416	32.8	31	2.4584	0	-0.0024	2.456	1.9421	0	-0.0045	1.9376
417	31.1	30.9	2.4565	0	-0.0023	2.4542	1.9235	0	-0.0051	1.9184
418	31.1	30.9	2.4561	0	-0.0024	2.4537	1.901	0	-0.0066	1.8944
419	31.1	30.8	2.4557	0	-0.0025	2.4532	1.9032	0	-0.0082	1.895
420	31	30.8	2.4542	0	-0.0025	2.4517	1.901	0	-0.0091	1.8919
421	31.5	30.8	2.4519	0	-0.0024	2.4495	1.9087	0	-0.0101	1.8986
422	29.7	30.6	2.4497	0	-0.0024	2.4473	1.8879	0	-0.0103	1.8776
423	30.3	30.5	2.4478	0	-0.0024	2.4454	1.8824	0	-0.0053	1.8772
424	30.3	30.5	2.4461	0	-0.0026	2.4435	1.877	0	0.0002	1.8772
425	32.4	30.5	2.4446	0	-0.0024	2.4421	1.8711	0	0.003	1.8741
426	28.7	30.3	2.4435	0	-0.0027	2.4409	1.8613	0	0.004	1.8653
427	30.3	30.3	2.4416	0	-0.0028	2.4388	1.853	0	0.0017	1.8547
428	29.3	30.3	2.4398	0	-0.003	2.4368	1.8435	0	-0.0016	1.8418
429	30.8	30.2	2.4383	0	-0.0033	2.435	1.8393	0	-0.0038	1.8356
430	30.4	30	2.4367	0	-0.0035	2.4333	1.8573	0	-0.0036	1.8537
431	28.8	29.7	2.4351	0	-0.0034	2.4317	1.873	0	-0.0055	1.8676
432	29.3	29.6	2.4333	0	-0.0033	2.43	1.8794	0	-0.007	1.8724
433	30.1	29.4	2.4316	0	-0.0033	2.4283	1.8781	0	-0.0108	1.8673
434	30.5	29.3	2.4296	0	-0.0033	2.4263	1.8751	0	-0.0103	1.8648
435	29.7	29.1	2.4278	0	-0.0034	2.4244	1.8708	0	-0.0102	1.8606

436	31.3	29	2.4259	0	-0.0037	2.4222	1.8634	0	-0.0129	1.8505
437	29.5	28.9	2.4243	0	-0.0035	2.4208	1.8468	0	-0.01	1.8367
438	28.9	28.8	2.4216	0	-0.0032	2.4184	1.8344	0	-0.0062	1.8283
439	27.6	28.7	2.4189	0	-0.003	2.4159	1.8255	0	-0.0036	1.8218
440	26.8	28.4	2.4168	0	-0.0031	2.4137	1.8184	0	-0.0047	1.8137
441	26.7	28.3	2.4148	0	-0.0032	2.4117	1.8292	0	-0.005	1.8242
442	27.4	28.2	2.4133	0	-0.0033	2.41	1.8366	0	-0.0055	1.8311
443	28.6	28	2.4112	0	-0.0034	2.4078	1.8268	0	-0.0064	1.8204
444	28.4	27.9	2.4083	0	-0.0035	2.4048	1.8149	0	-0.0042	1.8107
445	26.6	27.7	2.406	0	-0.0035	2.4025	1.8031	0	-0.0052	1.7979
446	27.7	27.5	2.4033	0	-0.0035	2.3998	1.7887	0	-0.0058	1.7829
447	28.3	27.5	2.4007	0	-0.0035	2.3972	1.7698	0	-0.0036	1.7662
448	28.7	27.3	2.3974	0	-0.0032	2.3942	1.7535	0	-0.0036	1.7499
449	25.1	27.2	2.3956	0	-0.0032	2.3924	1.7518	0	-0.0021	1.7498
450	26.2	27.1	2.3944	0	-0.0032	2.3912	1.7409	0	-0.0008	1.7401
451	26.9	27.1	2.393	0	-0.0031	2.39	1.7409	0	-0.0006	1.7403
452	27.7	27.1	2.3913	0	-0.003	2.3883	1.7457	0	-0.0029	1.7429
453	27.7	26.9	2.3901	0	-0.0029	2.3872	1.7358	0	-0.0059	1.7299
454	26.9	26.7	2.3887	0	-0.0028	2.3859	1.7336	0	-0.0073	1.7263
455	27.3	26.6	2.3872	0	-0.0028	2.3844	1.7333	0	-0.0075	1.7258
456	28	26.6	2.3865	0	-0.003	2.3835	1.7332	0	-0.007	1.7262
457	26	26.5	2.3859	0	-0.0031	2.3828	1.7405	0	-0.0079	1.7326
458	25.3	26.3	2.3854	0	-0.0032	2.3822	1.7426	0	-0.0069	1.7357
459	26.1	26.3	2.3839	0	-0.0031	2.3808	1.7402	0	-0.005	1.7352
460	26.4	26.2	2.3816	0	-0.0032	2.3784	1.7265	0	-0.0009	1.7256
461	27.1	26.1	2.3796	0	-0.003	2.3766	1.7206	0	0.0008	1.7214
462	25.5	26.1	2.3779	0	-0.0028	2.3752	1.7283	0	0.0007	1.729
463	24.4	26	2.3768	0	-0.0027	2.3741	1.7209	0	-0.0012	1.7197
464	24.9	25.9	2.3753	0	-0.0027	2.3726	1.706	0	0.0015	1.7076
465	26.3	25.9	2.374	0	-0.0027	2.3713	1.6894	0	0.0043	1.6937
466	26.2	25.8	2.3727	0	-0.0026	2.3701	1.6899	0	0.0018	1.6918
467	24.8	25.7	2.371	0	-0.0025	2.3684	1.6657	0	0.0022	1.668
468	25	25.7	2.3688	0	-0.0024	2.3665	1.661	0	0.0021	1.6631
469	24.9	25.7	2.3664	0	-0.0023	2.3642	1.6767	0	-0.0008	1.6759
470	26	25.7	2.363	0	-0.0022	2.3608	1.6943	0	-0.0005	1.6937
471	26.6	25.7	2.3615	0	-0.0021	2.3594	1.6929	0	0.0017	1.6946
472	26.2	25.7	2.3595	0	-0.0026	2.3569	1.6827	0	0.0013	1.684

473	25.6	25.8	2.3578	0	-0.0031	2.3547	1.6756	0	0	1.6756
474	26.8	25.9	2.3558	0	-0.0032	2.3526	1.6677	0	-0.0006	1.6671
475	25.9	25.9	2.3548	0	-0.0032	2.3516	1.6596	0	-0.0032	1.6565
476	24.8	25.8	2.3543	0	-0.003	2.3512	1.6571	0	-0.0022	1.6548
477	24.8	25.7	2.3535	0	-0.0029	2.3506	1.6619	0	-0.0055	1.6565
478	25.8	25.7	2.3518	0	-0.0029	2.3488	1.668	0	-0.0048	1.6632
479	26.8	25.8	2.3491	0	-0.0031	2.3461	1.6687	0	-0.0044	1.6643
480	26.2	25.8	2.3462	0	-0.0032	2.343	1.6637	0	-0.006	1.6577
481	26.6	25.7	2.3433	0	-0.0034	2.34	1.6639	0	-0.009	1.6549
482	26.5	25.7	2.3413	0	-0.0031	2.3382	1.6666	0	-0.0085	1.6581
483	26.3	25.7	2.3393	0	-0.0031	2.3362	1.6677	0	-0.0059	1.6618
484	25.6	25.6	2.3376	0	-0.003	2.3346	1.6657	0	-0.0055	1.6602
485	24.2	25.6	2.3355	0	-0.0028	2.3328	1.6655	0	-0.0066	1.6589
486	24.4	25.7	2.3344	0	-0.0029	2.3315	1.6668	0	-0.0089	1.6578
487	24.7	25.8	2.3337	0	-0.0029	2.3308	1.6589	0	-0.0135	1.6455
488	25.7	25.9	2.3328	0	-0.003	2.3298	1.6624	0	-0.0132	1.6492
489	26.1	25.9	2.3309	0	-0.0031	2.3278	1.6521	0	-0.0106	1.6415
490	25.6	25.9	2.3283	0	-0.0032	2.3251	1.6398	0	-0.0095	1.6303
491	25.9	25.9	2.3263	0	-0.0032	2.3231	1.6269	0	-0.0097	1.6173
492	25.7	25.9	2.3255	0	-0.003	2.3226	1.6203	0	-0.0098	1.6105
493	25.5	25.9	2.3251	0	-0.0028	2.3223	1.6184	0	-0.0103	1.6082
494	26	25.9	2.3245	0	-0.0025	2.322	1.6115	0	-0.012	1.5994
495	26.2	25.9	2.3238	0	-0.0021	2.3216	1.5983	0	-0.0125	1.5858
496	26.7	25.9	2.3227	0	-0.0022	2.3205	1.5929	0	-0.0116	1.5813
497	26.5	26	2.3216	0	-0.0022	2.3194	1.5802	0	-0.0099	1.5703
498	27.3	25.9	2.3201	0	-0.0023	2.3178	1.5624	0	-0.0078	1.5546
499	26.7	25.9	2.3189	0	-0.0023	2.3166	1.5411	0	-0.0051	1.536
500	26.5	25.9	2.3178	0	-0.0023	2.3156	1.5334	0	-0.0051	1.5283
501	26.3	25.8	2.3165	0	-0.0021	2.3143	1.5337	0	-0.0059	1.5278
502	25.6	25.8	2.3152	0	-0.002	2.3132	1.5275	0	-0.0008	1.5267
503	26.3	25.7	2.3141	0	-0.002	2.3122	1.5282	0	0.0008	1.529
504	24.6	25.7	2.3127	0	-0.0018	2.3109	1.5313	0	0.0008	1.5322
505	24.2	25.6	2.311	0	-0.0018	2.3092	1.5317	0	0.002	1.5337
506	25.8	25.6	2.3084	0	-0.0017	2.3067	1.5301	0	0.0028	1.5329
507	24.9	25.5	2.3064	0	-0.0019	2.3046	1.5365	0	0.0014	1.5379
508	25.6	25.4	2.3046	0	-0.002	2.3026	1.5466	0	-0.0014	1.5451
509	25.6	25.3	2.3032	0	-0.0022	2.301	1.5586	0	-0.0046	1.554

510	24.6	25.2	2.301	0	-0.0025	2.2985	1.5584	0	-0.0057	1.5527
511	24.4	25.1	2.2982	0	-0.0026	2.2955	1.5535	0	-0.0092	1.5443
512	24.9	25	2.2965	0	-0.0028	2.2937	1.5517	0	-0.0085	1.5432
513	24.8	24.8	2.2957	0	-0.003	2.2927	1.5555	0	-0.0065	1.5489
514	25.1	24.8	2.2939	0	-0.003	2.2908	1.5535	0	-0.0043	1.5492
515	26.8	24.8	2.2924	0	-0.0028	2.2896	1.5532	0	-0.0002	1.5531
516	24	24.7	2.2918	0	-0.0026	2.2892	1.554	0	0.0036	1.5576
517	26	24.7	2.2904	0	-0.0025	2.2879	1.5462	0	0.008	1.5543
518	24.5	24.6	2.2884	0	-0.0023	2.2861	1.5329	0	0.0122	1.5451
519	24.6	24.5	2.2862	0	-0.0024	2.2838	1.5231	0	0.0152	1.5383
520	24.3	24.5	2.2849	0	-0.0026	2.2823	1.5114	0	0.0158	1.5272
521	23.7	24.6	2.2836	0	-0.0025	2.2811	1.4827	0	0.0163	1.499
522	23.6	24.6	2.2822	0	-0.0024	2.2798	1.476	0	0.0176	1.4936
523	24.2	24.6	2.2811	0	-0.0024	2.2787	1.4729	0	0.0103	1.4832
524	24.2	24.6	2.2802	0	-0.0023	2.2779	1.4888	0	0.0029	1.4917
525	23.3	24.5	2.2789	0	-0.0022	2.2767	1.4815	0	0.0001	1.4816
526	24.4	24.5	2.2773	0	-0.0021	2.2752	1.4843	0	-0.0009	1.4834
527	24.6	24.4	2.2748	0	-0.0023	2.2725	1.4895	0	-0.0009	1.4886
528	23.7	24.4	2.273	0	-0.0026	2.2704	1.4881	0	0.0007	1.4888
529	24.5	24.5	2.2719	0	-0.0027	2.2692	1.4762	0	0.0025	1.4787
530	25.4	24.5	2.2704	0	-0.0026	2.2678	1.4606	0	0.0014	1.462
531	25.6	24.5	2.2685	0	-0.0026	2.2659	1.4443	0	-0.0018	1.4424
532	25.3	24.5	2.2666	0	-0.0027	2.2639	1.428	0	-0.0033	1.4247
533	24.8	24.6	2.265	0	-0.0028	2.2622	1.4222	0	0.0003	1.4225
534	24.5	24.7	2.2631	0	-0.0027	2.2604	1.4091	0	0.0008	1.41
535	24.5	24.7	2.2611	0	-0.0025	2.2586	1.4014	0	0.0011	1.4025
536	24.4	24.7	2.26	0	-0.0024	2.2576	1.3891	0	0.0063	1.3954
537	24.6	24.6	2.2581	0	-0.0022	2.2559	1.4071	0	0.0049	1.4121
538	24.9	24.6	2.2564	0	-0.0022	2.2542	1.4031	0	0.003	1.4061
539	24.8	24.5	2.2549	0	-0.0021	2.2528	1.396	0	0.0012	1.3972
540	24.8	24.4	2.2541	0	-0.0021	2.252	1.3865	0	-0.0011	1.3854
541	23.6	24.4	2.2528	0	-0.0022	2.2506	1.3665	0	-0.0026	1.364
542	25.1	24.2	2.2514	0	-0.0023	2.2491	1.3501	0	-0.0016	1.3485
543	25.4	24.1	2.25	0	-0.0022	2.2478	1.3498	0	0.0025	1.3523
544	24.1	24	2.2485	0	-0.0023	2.2463	1.3543	0	0.0062	1.3606
545	23.7	23.9	2.2467	0	-0.0023	2.2444	1.3561	0	0.0088	1.3648
546	24	23.9	2.2453	0	-0.0025	2.2427	1.3608	0	0.0118	1.3726

547	23.3	23.8	2.2444	0	-0.0027	2.2417	1.3586	0	0.0122	1.3709
548	22.9	23.8	2.2433	0	-0.0027	2.2406	1.3603	0	0.0139	1.3741
549	23.9	23.8	2.2423	0	-0.0027	2.2396	1.3607	0	0.0125	1.3732
550	24.3	23.8	2.241	0	-0.0026	2.2384	1.3511	0	0.0097	1.3609
551	22.1	23.8	2.2403	0	-0.003	2.2373	1.3428	0	0.0088	1.3517
552	22.6	23.7	2.2384	0	-0.0031	2.2354	1.3317	0	0.0098	1.3415
553	23	23.7	2.237	0	-0.003	2.2339	1.3274	0	0.011	1.3384
554	22.4	23.7	2.2355	0	-0.003	2.2325	1.3325	0	0.0106	1.3432
555	23.9	23.8	2.2342	0	-0.0031	2.2311	1.3324	0	0.0116	1.3441
556	24.4	23.8	2.2329	0	-0.0031	2.2298	1.3242	0	0.0126	1.3368
557	24.5	23.8	2.2313	0	-0.003	2.2283	1.3087	0	0.012	1.3207
558	25	23.8	2.2296	0	-0.0027	2.2268	1.298	0	0.0115	1.3095
559	23.6	23.8	2.228	0	-0.0025	2.2255	1.2905	0	0.0122	1.3027
560	23.2	23.8	2.2263	0	-0.0023	2.224	1.2866	0	0.0113	1.2979
561	24.4	23.8	2.2244	0	-0.0021	2.2223	1.2703	0	0.0097	1.28
562	25.1	23.9	2.2224	0	-0.0021	2.2203	1.2527	0	0.0072	1.2599
563	24.7	23.9	2.2214	0	-0.0023	2.2192	1.2458	0	0.0034	1.2492
564	24	23.9	2.22	0	-0.0027	2.2173	1.2498	0	-0.0006	1.2492
565	24.1	24	2.2186	0	-0.003	2.2156	1.2456	0	-0.0025	1.2431
566	23.8	23.9	2.2181	0	-0.0034	2.2147	1.2428	0	0.0009	1.2437
567	23.9	23.9	2.2177	0	-0.0038	2.2139	1.2478	0	0.0034	1.2513
568	23.6	23.9	2.2165	0	-0.0039	2.2126	1.2432	0	0.0025	1.2457
569	22.9	23.9	2.2153	0	-0.0039	2.2114	1.2321	0	0.0025	1.2347
570	23.1	23.9	2.2147	0	-0.0038	2.2109	1.2266	0	0.0005	1.2272
571	23.7	23.9	2.2139	0	-0.0039	2.2101	1.2333	0	-0.0013	1.232
572	23.2	23.8	2.2122	0	-0.0037	2.2086	1.2303	0	0.0005	1.2309
573	23.6	23.8	2.209	0	-0.0034	2.2056	1.2314	0	0.0027	1.2341
574	25	23.7	2.2077	0	-0.0032	2.2045	1.2407	0	0.004	1.2447
575	23.4	23.7	2.2063	0	-0.0031	2.2032	1.247	0	0.0041	1.2511
576	24.4	23.6	2.2053	0	-0.0029	2.2024	1.2472	0	0.0032	1.2504
577	23.6	23.5	2.2047	0	-0.003	2.2017	1.2431	0	0.0036	1.2467
578	24.1	23.4	2.2041	0	-0.0032	2.2009	1.2256	0	0.003	1.2286
579	23.8	23.4	2.2031	0	-0.0032	2.1999	1.2181	0	0.0003	1.2184
580	23.5	23.4	2.2018	0	-0.0031	2.1988	1.216	0	-0.0008	1.2151
581	24.1	23.4	2.2005	0	-0.003	2.1975	1.2024	0	0.0004	1.2029
582	23.6	23.3	2.1991	0	-0.0031	2.196	1.2071	0	-0.0015	1.2056
583	23.3	23.3	2.1984	0	-0.0032	2.1952	1.2033	0	-0.004	1.1993

584	23.3	23.2	2.1974	0	-0.0031	2.1943	1.1921	0	-0.0045	1.1876
585	22.5	23.1	2.1966	0	-0.0034	2.1932	1.1727	0	-0.0036	1.1691
586	22.2	23.1	2.1937	0	-0.0034	2.1903	1.1608	0	-0.0035	1.1573
587	22	23	2.1934	0	-0.0032	2.1902	1.1619	0	-0.0025	1.1594
588	22	22.9	2.1932	0	-0.0031	2.1901	1.1535	0	-0.0002	1.1533
589	23.2	22.9	2.1923	0	-0.003	2.1892	1.1435	0	0.002	1.1456
590	23.1	22.9	2.1916	0	-0.0029	2.1887	1.1306	0	0.0048	1.1353
591	23	22.9	2.1913	0	-0.003	2.1883	1.1238	0	0.0044	1.1282
592	22.9	22.9	2.1905	0	-0.0032	2.1873	1.116	0	0.0064	1.1224
593	22.2	22.9	2.1896	0	-0.0034	2.1862	1.1051	0	0.0082	1.1133
594	23	22.9	2.1889	0	-0.0034	2.1855	1.0977	0	0.0104	1.1081
595	23.1	22.9	2.1877	0	-0.0033	2.1844	1.0952	0	0.0121	1.1073
596	22	22.9	2.1868	0	-0.0034	2.1834	1.0915	0	0.0094	1.1009
597	22.8	23	2.1856	0	-0.0036	2.182	1.0877	0	0.0057	1.0934
598	24	22.9	2.184	0	-0.0035	2.1805	1.0924	0	0.0025	1.0949
599	23.2	22.9	2.1838	0	-0.0033	2.1805	1.0919	0	0.0016	1.0935
600	23.2	22.9	2.1835	0	-0.0031	2.1804	1.0891	0	0.0004	1.0895
601	23.5	22.8	2.1833	0	-0.0031	2.1802	1.0839	0	0.0002	1.0841
602	23.8	22.8	2.1825	0	-0.0031	2.1794	1.0824	0	-0.0025	1.0798
603	23.6	22.8	2.1809	0	-0.003	2.1779	1.0768	0	-0.0028	1.074
604	22.9	22.7	2.1794	0	-0.003	2.1765	1.0668	0	-0.0022	1.0645
605	22.4	22.6	2.1786	0	-0.0031	2.1755	1.0569	0	-0.002	1.0549
606	22.5	22.6	2.1776	0	-0.0029	2.1747	1.0496	0	-0.0042	1.0454
607	21.7	22.6	2.1766	0	-0.003	2.1736	1.048	0	-0.0065	1.0415
608	22.2	22.5	2.1756	0	-0.0032	2.1724	1.0447	0	-0.0064	1.0383
609	23.1	22.4	2.1745	0	-0.0034	2.1712	1.041	0	-0.0039	1.0371
610	21.8	22.3	2.1739	0	-0.0035	2.1704	1.0353	0	-0.001	1.0343
611	21.9	22.3	2.1729	0	-0.0034	2.1695	1.0233	0	0.0022	1.0255
612	21.7	22.2	2.1719	0	-0.0031	2.1688	1.0229	0	0.0041	1.027
613	21.6	22.1	2.1707	0	-0.0029	2.1678	1.0178	0	0.0068	1.0246
614	21.7	21.9	2.1693	0	-0.0028	2.1665	1.0263	0	0.0037	1.03
615	21.8	21.8	2.1681	0	-0.0029	2.1652	1.0243	0	-0.0008	1.0234
616	22.1	21.8	2.167	0	-0.0029	2.1641	1.0234	0	-0.0029	1.0205
617	22.3	21.8	2.1661	0	-0.0028	2.1634	1.0256	0	-0.0043	1.0213
618	21.3	21.8	2.1652	0	-0.0026	2.1626	1.0236	0	-0.0036	1.02
619	21.7	21.8	2.1636	0	-0.0025	2.1611	1.0201	0	0	1.0201
620	23	21.8	2.1616	0	-0.0025	2.1591	1.0137	0	0.0003	1.014

621	22.2	21.7	2.1606	0	-0.0026	2.158	1.0107	0	0.0008	1.0115
622	21.4	21.7	2.1591	0	-0.0027	2.1564	1.0052	0	0.0003	1.0055
623	20.3	21.7	2.157	0	-0.0028	2.1542	0.9869	0	0.0018	0.9887
624	20.4	21.7	2.1555	0	-0.0027	2.1528	0.951	0	0.003	0.954
625	21.7	21.7	2.1541	0	-0.0025	2.1516	0.9366	0	0.0021	0.9386
626	22.5	21.7	2.153	0	-0.0025	2.1506	0.9213	0	-0.0001	0.9212
627	22.4	21.6	2.1522	0	-0.0026	2.1496	0.9122	0	0.0025	0.9146
628	22.1	21.5	2.1512	0	-0.0026	2.1486	0.921	0	0.0047	0.9257
629	21.2	21.5	2.1503	0	-0.0026	2.1477	0.9272	0	0.0045	0.9317
630	21.6	21.4	2.1501	0	-0.0026	2.1475	0.9274	0	0.0056	0.933
631	20.7	21.4	2.1477	0	-0.0024	2.1453	0.9249	0	0.0078	0.9327
632	21.4	21.4	2.1462	0	-0.0023	2.1439	0.9179	0	0.0088	0.9267
633	21.6	21.3	2.1458	0	-0.0023	2.1435	0.9012	0	0.0087	0.91
634	22.1	21.2	2.1458	0	-0.0023	2.1435	0.8942	0	0.0066	0.9008
635	21.5	21.1	2.145	0	-0.0022	2.1428	0.8857	0	0.0054	0.8911
636	20.4	20.9	2.1438	0	-0.0021	2.1417	0.8776	0	0.0005	0.8781
637	20.5	20.7	2.1428	0	-0.0022	2.1406	0.8491	0	-0.0014	0.8477
638	21.7	20.6	2.142	0	-0.0024	2.1396	0.8461	0	-0.0001	0.846
639	21.7	20.5	2.1419	0	-0.0026	2.1393	0.8413	0	0.0017	0.843
640	20.6	20.4	2.1417	0	-0.0025	2.1392	0.8364	0	0.0026	0.839
641	21.2	20.5	2.1412	0	-0.0028	2.1384	0.8327	0	0.0028	0.8355
642	19.6	20.4	2.1409	0	-0.0031	2.1378	0.8344	0	0.0048	0.8392
643	18.9	20.2	2.1403	0	-0.0033	2.137	0.8299	0	0.0038	0.8338
644	18.6	20.1	2.139	0	-0.0035	2.1355	0.8212	0	0.0012	0.8224
645	18.6	20	2.1376	0	-0.0033	2.1343	0.8145	0	0.0002	0.8148
646	19.3	19.9	2.1365	0	-0.0031	2.1334	0.8047	0	0.0009	0.8056
647	19.8	19.8	2.1352	0	-0.0029	2.1322	0.8003	0	-0.0001	0.8002
648	19.6	19.7	2.1341	0	-0.0029	2.1312	0.7851	0	-0.0028	0.7822
649	20.2	19.5	2.1333	0	-0.0027	2.1306	0.7755	0	-0.0022	0.7733
650	21.2	19.5	2.1326	0	-0.0026	2.13	0.7784	0	0.0015	0.7799
651	19.8	19.3	2.132	0	-0.0027	2.1293	0.7779	0	0.0037	0.7816
652	19.3	19.3	2.1308	0	-0.0028	2.128	0.7772	0	0.0046	0.7818
653	19.5	19.3	2.1303	0	-0.0028	2.1275	0.7747	0	0.0058	0.7805
654	19.9	19.3	2.1298	0	-0.0028	2.127	0.7599	0	0.0058	0.7657
655	19.1	19.3	2.1292	0	-0.0026	2.1266	0.7452	0	0.0054	0.7506
656	18.5	19.2	2.1281	0	-0.0025	2.1256	0.7398	0	0.002	0.7418
657	18.7	19.1	2.1268	0	-0.0023	2.1245	0.7286	0	0.0008	0.7293

658	19.1	19.1	2.1255	0	-0.0023	2.1231	0.7178	0	-0.0011	0.7167
659	19.2	19	2.1245	0	-0.0024	2.1221	0.7095	0	-0.0044	0.7051
660	18.8	18.8	2.1239	0	-0.0025	2.1214	0.7033	0	-0.009	0.6943
661	18.7	18.8	2.1221	0	-0.0025	2.1196	0.7006	0	-0.0108	0.6898
662	18.7	18.7	2.1206	0	-0.0028	2.1178	0.6961	0	-0.0081	0.688
663	18.9	18.6	2.1188	0	-0.0026	2.1162	0.6903	0	-0.0073	0.683
664	18	18.6	2.1176	0	-0.0026	2.115	0.6814	0	-0.0058	0.6756
665	18	18.5	2.1162	0	-0.0027	2.1135	0.6732	0	-0.003	0.6701
666	18.4	18.5	2.1155	0	-0.003	2.1126	0.6686	0	-0.0028	0.6657
667	18.3	18.5	2.1153	0	-0.0034	2.1119	0.66	0	-0.0042	0.6558
668	18.1	18.4	2.1145	0	-0.0039	2.1106	0.652	0	-0.0019	0.65
669	18.6	18.3	2.1139	0	-0.0039	2.11	0.6486	0	-0.0005	0.6481
670	19.2	18.2	2.1137	0	-0.0039	2.1098	0.6393	0	-0.001	0.6383
671	18.2	18	2.1134	0	-0.0039	2.1095	0.6263	0	-0.0012	0.6251
672	17.8	17.9	2.1136	0	-0.0038	2.1097	0.6209	0	-0.0008	0.6201
673	18.3	17.8	2.1139	0	-0.0037	2.1102	0.6041	0	-0.002	0.6021
674	18.5	17.7	2.114	0	-0.0034	2.1106	0.5831	0	-0.0034	0.5797
675	17.7	17.7	2.1142	0	-0.0031	2.1111	0.5737	0	-0.0009	0.5728
676	18	17.5	2.1141	0	-0.0032	2.1109	0.5633	0	0	0.5632
677	17.7	17.4	2.1126	0	-0.0034	2.1091	0.5514	0	0.0038	0.5552
678	17.2	17.3	2.1114	0	-0.0036	2.1078	0.5377	0	0.0046	0.5423
679	16.5	17.2	2.1103	0	-0.0038	2.1066	0.5328	0	0.0071	0.5399
680	16.2	17	2.1093	0	-0.0038	2.1055	0.5244	0	0.008	0.5324
681	16.3	16.9	2.1088	0	-0.0039	2.1048	0.5201	0	0.007	0.5271
682	17	16.8	2.109	0	-0.004	2.105	0.4955	0	0.0079	0.5034
683	16.8	16.7	2.109	0	-0.0038	2.1052	0.4819	0	0.0077	0.4896
684	16.5	16.6	2.1089	0	-0.0037	2.1052	0.482	0	0.0057	0.4877
685	16.1	16.5	2.1089	0	-0.0034	2.1054	0.4879	0	0.0044	0.4923
686	16.2	16.3	2.1088	0	-0.0033	2.1056	0.4785	0	0.003	0.4816
687	16.7	16.2	2.1088	0	-0.0032	2.1056	0.4685	0	0.003	0.4715
688	15.9	16.1	2.1091	0	-0.0033	2.1058	0.468	0	0.0022	0.4702
689	15.9	16	2.1086	0	-0.0033	2.1053	0.4614	0	0.0009	0.4623
690	15.8	15.9	2.1084	0	-0.0032	2.1051	0.4598	0	0.0008	0.4605
691	16.1	15.8	2.1078	0	-0.0035	2.1044	0.4636	0	0.0036	0.4673
692	16.1	15.7	2.1075	0	-0.0036	2.1039	0.462	0	0.003	0.465
693	16	15.6	2.1075	0	-0.0035	2.104	0.4615	0	0.0001	0.4616
694	15.8	15.5	2.1074	0	-0.0034	2.104	0.46	0	-0.0028	0.4572

695	15.3	15.4	2.1072	0	-0.0034	2.1038	0.452	0	-0.0052	0.4467
696	14.8	15.3	2.1068	0	-0.0034	2.1034	0.4379	0	-0.004	0.4339
697	15.2	15.1	2.1071	0	-0.0033	2.1038	0.4295	0	0.0015	0.431
698	15	15	2.1064	0	-0.0033	2.1031	0.4293	0	0.0045	0.4338
699	14.7	14.8	2.1059	0	-0.0034	2.1025	0.4282	0	0.0054	0.4337
700	14.9	14.7	2.1057	0	-0.0035	2.1022	0.4292	0	0.0059	0.435
701	15	14.6	2.1056	0	-0.0036	2.102	0.426	0	0.0075	0.4335
702	14.1	14.5	2.105	0	-0.0037	2.1013	0.4158	0	0.0075	0.4233
703	14.6	14.3	2.1049	0	-0.0036	2.1013	0.3911	0	0.0088	0.3999
704	14.8	14.2	2.1049	0	-0.0035	2.1014	0.3805	0	0.0105	0.391
705	13.9	14.1	2.1046	0	-0.0033	2.1013	0.3814	0	0.0114	0.3928
706	13.6	14	2.1047	0	-0.003	2.1017	0.3809	0	0.014	0.3949
707	13.2	13.9	2.1049	0	-0.0029	2.102	0.3649	0	0.0167	0.3816
708	13.3	13.8	2.1046	0	-0.0027	2.1018	0.3465	0	0.0185	0.365
709	13.8	13.7	2.1042	0	-0.0025	2.1017	0.3309	0	0.0174	0.3483
710	13.7	13.6	2.1039	0	-0.0024	2.1015	0.323	0	0.0138	0.3368
711	13	13.5	2.1033	0	-0.0026	2.1007	0.3172	0	0.0139	0.3311
712	12.7	13.5	2.1029	0	-0.0024	2.1005	0.2984	0	0.0146	0.313
713	13.9	13.4	2.1026	0	-0.0023	2.1002	0.2764	0	0.0129	0.2893
714	13.9	13.2	2.102	0	-0.0025	2.0995	0.2598	0	0.0134	0.2732
715	13.6	13.2	2.1012	0	-0.0026	2.0986	0.2512	0	0.0125	0.2637
716	13	13	2.101	0	-0.0025	2.0985	0.2411	0	0.0108	0.2519
717	12.9	13	2.1009	0	-0.0026	2.0984	0.241	0	0.0086	0.2495
718	12.8	12.9	2.1004	0	-0.0025	2.0978	0.2461	0	0.0049	0.251
719	12.8	12.8	2.0996	0	-0.0024	2.0972	0.2457	0	-0.001	0.2447
720	13	12.8	2.0989	0	-0.0024	2.0965	0.2485	0	-0.001	0.2474
721	13.2	12.7	2.0985	0	-0.0025	2.096	0.2494	0	-0.002	0.2474
722	12.8	12.7	2.0986	0	-0.0025	2.0962	0.2462	0	-0.0029	0.2433
723	12.3	12.7	2.0987	0	-0.0024	2.0963	0.2388	0	-0.0017	0.2371
724	12.5	12.6	2.0981	0	-0.0026	2.0955	0.2362	0	-0.0013	0.2348
725	11.2	12.5	2.0978	0	-0.0025	2.0953	0.2314	0	-0.0004	0.231
726	11.7	12.5	2.0979	0	-0.0029	2.095	0.2272	0	0.0014	0.2286
727	12.5	12.4	2.0985	0	-0.0031	2.0954	0.2227	0	0.0001	0.2228
728	12.3	12.4	2.0979	0	-0.0033	2.0946	0.2055	0	-0.0021	0.2035
729	12.1	12.3	2.0978	0	-0.0034	2.0944	0.1927	0	-0.0033	0.1894
730	12.6	12.3	2.0981	0	-0.0033	2.0948	0.1804	0	-0.0045	0.1758
731	12.8	12.2	2.0982	0	-0.0032	2.095	0.1713	0	-0.0054	0.1659

732	12.7	12.1	2.0981	0	-0.0031	2.095	0.1655	0	-0.0062	0.1594
733	12.5	12.1	2.0976	0	-0.0029	2.0947	0.1706	0	-0.0088	0.1619
734	12.1	12.1	2.097	0	-0.0027	2.0943	0.1773	0	-0.0105	0.1668
735	12.2	12.1	2.0972	0	-0.0025	2.0947	0.1749	0	-0.0104	0.1645
736	11.4	12.1	2.097	0	-0.0024	2.0946	0.1772	0	-0.0078	0.1694
737	12.2	12	2.096	0	-0.0024	2.0936	0.1788	0	-0.0041	0.1746
738	12.3	12	2.0959	0	-0.0025	2.0934	0.1771	0	-0.0018	0.1753
739	12.1	12	2.0959	0	-0.0027	2.0932	0.1825	0	-0.0076	0.1749
740	11.5	12	2.0954	0	-0.0029	2.0925	0.1863	0	-0.0195	0.1668
741	11.2	11.9	2.095	0	-0.0031	2.0919	0.1838	0	-0.0204	0.1634
742	11.7	11.9	2.0948	0	-0.0031	2.0917	0.1793	0	-0.0239	0.1554
743	12.1	11.9	2.0943	0	-0.003	2.0913	0.1764	0	-0.0287	0.1477
744	11.8	11.9	2.0938	0	-0.0029	2.0909	0.181	0	-0.0273	0.1537
745	11.3	11.9	2.0938	0	-0.0029	2.0909	0.1882	0	-0.026	0.1622
746	11.1	11.9	2.0935	0	-0.0032	2.0903	0.1901	0	-0.024	0.1661
747	12.4	11.9	2.0923	0	-0.0034	2.0889	0.1912	0	-0.0218	0.1694
748	12.6	11.9	2.0913	0	-0.0034	2.0879	0.1983	0	-0.0196	0.1787
749	11.5	11.9	2.0904	0	-0.0033	2.0871	0.195	0	-0.019	0.176
750	11.8	12	2.09	0	-0.0034	2.0866	0.19	0	-0.0205	0.1695
751	12.1	12	2.0904	0	-0.0035	2.087	0.182	0	-0.0218	0.1602
752	12.5	12	2.0916	0	-0.0037	2.088	0.1796	0	-0.0217	0.1579
753	12.1	11.9	2.0922	0	-0.0039	2.0884	0.1811	0	-0.0238	0.1573
754	11.6	11.9	2.0917	0	-0.0039	2.0878	0.1885	0	-0.0211	0.1674
755	12.1	11.9	2.0911	0	-0.004	2.0871	0.1941	0	-0.0201	0.174
756	12.7	11.9	2.0916	0	-0.0041	2.0874	0.1933	0	-0.0183	0.1749
757	12.3	11.8	2.0921	0	-0.0042	2.088	0.2024	0	-0.0166	0.1858
758	12.5	11.8	2.0924	0	-0.0041	2.0883	0.2116	0	-0.016	0.1956
759	12	11.7	2.0922	0	-0.0038	2.0884	0.213	0	-0.015	0.198
760	11.3	11.7	2.0922	0	-0.0039	2.0883	0.2106	0	-0.0132	0.1974
761	11.4	11.6	2.0923	0	-0.004	2.0883	0.2086	0	-0.0117	0.1969
762	11.4	11.6	2.093	0	-0.0041	2.0889	0.2035	0	-0.0101	0.1934
763	11.9	11.6	2.0928	0	-0.004	2.0888	0.1938	0	-0.0068	0.1869
764	11.6	11.6	2.0925	0	-0.0039	2.0886	0.1855	0	-0.0061	0.1794
765	10.8	11.6	2.0921	0	-0.0038	2.0883	0.1792	0	-0.008	0.1712
766	10.8	11.6	2.0914	0	-0.0038	2.0876	0.1754	0	-0.0089	0.1665
767	11	11.5	2.0907	0	-0.0039	2.0868	0.1796	0	-0.0082	0.1714
768	10.6	11.5	2.09	0	-0.0038	2.0862	0.1857	0	-0.0094	0.1764

769	11	11.5	2.0891	0	-0.0038	2.0853	0.188	0	-0.0094	0.1786
770	11.7	11.5	2.0887	0	-0.0037	2.085	0.1855	0	-0.008	0.1775
771	11.5	11.5	2.0888	0	-0.0036	2.0852	0.1822	0	-0.0083	0.174
772	11.8	11.4	2.0897	0	-0.0037	2.086	0.1823	0	-0.0097	0.1726
773	12	11.4	2.0903	0	-0.0036	2.0867	0.1859	0	-0.0083	0.1776
774	12.3	11.4	2.0909	0	-0.0034	2.0875	0.1873	0	-0.0061	0.1812
775	12.1	11.4	2.0915	0	-0.0032	2.0882	0.1768	0	-0.0069	0.17
776	11.6	11.3	2.0918	0	-0.0032	2.0886	0.1741	0	-0.0041	0.17
777	11.6	11.3	2.092	0	-0.0032	2.0888	0.1792	0	-0.0067	0.1725
778	11.7	11.3	2.0921	0	-0.0033	2.0888	0.1833	0	-0.0094	0.1739
779	11.5	11.3	2.0923	0	-0.0033	2.089	0.1762	0	-0.0128	0.1634
780	11	11.3	2.0922	0	-0.0033	2.0889	0.1761	0	-0.014	0.1621
781	10.9	11.4	2.0922	0	-0.0033	2.0889	0.1766	0	-0.0129	0.1636
782	11	11.4	2.0919	0	-0.0031	2.0888	0.1729	0	-0.0128	0.16
783	10.7	11.4	2.0913	0	-0.0028	2.0885	0.1654	0	-0.0136	0.1519
784	10.9	11.4	2.0914	0	-0.0026	2.0887	0.1552	0	-0.0135	0.1418
785	10.6	11.4	2.0911	0	-0.0027	2.0885	0.153	0	-0.0149	0.1381
786	10.4	11.5	2.091	0	-0.0029	2.0881	0.1632	0	-0.015	0.1482
787	10.5	11.5	2.0911	0	-0.003	2.088	0.1664	0	-0.015	0.1515
788	11.1	11.5	2.0908	0	-0.0025	2.0883	0.1628	0	-0.0132	0.1496
789	12	11.5	2.09	0	-0.0014	2.0886	0.1686	0	-0.0107	0.1579
790	12.1	11.6	2.09	0	-0.0012	2.0888	0.1693	0	-0.0115	0.1578
791	11.6	11.7	2.0899	0	-0.0011	2.0888	0.1617	0	-0.014	0.1477
792	12.3	11.7	2.0899	0	-0.0007	2.0892	0.1499	0	-0.0151	0.1348
793	12.8	11.8	2.0894	0	-0.0008	2.0886	0.1393	0	-0.014	0.1253
794	12.6	11.9	2.0886	0	-0.0008	2.0878	0.1292	0	-0.0137	0.1155
795	12.5	11.9	2.0882	0	-0.001	2.0872	0.1176	0	-0.0141	0.1035
796	12.1	11.9	2.0877	0	-0.0012	2.0865	0.111	0	-0.0131	0.0979
797	11.9	12	2.0873	0	-0.0013	2.0859	0.1094	0	-0.0173	0.0921
798	12	12.1	2.0869	0	-0.0014	2.0855	0.0977	0	-0.02	0.0777
799	12.2	12.1	2.0869	0	-0.0014	2.0856	0.0922	0	-0.0191	0.0731
800	12.4	12.1	2.0875	0	-0.0013	2.0862	0.0827	0	-0.0165	0.0662
801	12.2	12	2.0876	0	-0.0014	2.0862	0.0735	0	-0.0175	0.0561
802	12	12	2.0869	0	-0.0013	2.0856	0.0725	0	-0.02	0.0526
803	12.3	11.9	2.0861	0	-0.0015	2.0846	0.0802	0	-0.0239	0.0563
804	11.2	11.9	2.0855	0	-0.0015	2.084	0.084	0	-0.027	0.0571
805	11.2	11.8	2.0852	0	-0.0014	2.0838	0.078	0	-0.0284	0.0496

806	11.7	11.8	2.0845	0	-0.0013	2.0831	0.072	0	-0.0293	0.0427
807	12.1	11.8	2.0837	0	-0.0013	2.0824	0.0759	0	-0.0304	0.0454
808	12.2	11.7	2.0833	0	-0.0013	2.0821	0.0824	0	-0.0317	0.0507
809	11.9	11.7	2.0832	0	-0.0012	2.082	0.0849	0	-0.0298	0.0551
810	11.5	11.6	2.083	0	-0.0012	2.0818	0.0831	0	-0.0262	0.0568
811	11.4	11.5	2.0829	0	-0.0015	2.0814	0.083	0	-0.0276	0.0554
812	11.1	11.5	2.0835	0	-0.0017	2.0818	0.0892	0	-0.0301	0.0591
813	11.8	11.4	2.084	0	-0.0017	2.0823	0.1011	0	-0.0334	0.0677
814	11.4	11.4	2.0841	0	-0.0017	2.0824	0.1048	0	-0.0338	0.0709
815	11.7	11.4	2.0837	0	-0.0017	2.082	0.1057	0	-0.0325	0.0732
816	11.4	11.4	2.0831	0	-0.0017	2.0814	0.1045	0	-0.0326	0.0718
817	11	11.3	2.0824	0	-0.0016	2.0807	0.0989	0	-0.0343	0.0646
818	11.2	11.3	2.0816	0	-0.0016	2.08	0.0924	0	-0.0345	0.0579
819	11	11.3	2.0811	0	-0.0016	2.0795	0.0794	0	-0.032	0.0474
820	10.8	11.2	2.0807	0	-0.0016	2.0791	0.067	0	-0.032	0.035
821	11.2	11.2	2.0802	0	-0.0015	2.0787	0.0701	0	-0.0302	0.0399
822	11.4	11.2	2.0801	0	-0.0016	2.0784	0.0835	0	-0.0276	0.0559
823	11.1	11.3	2.08	0	-0.0018	2.0782	0.1046	0	-0.0257	0.0788
824	11.9	11.2	2.0804	0	-0.0019	2.0785	0.1145	0	-0.0224	0.0921
825	11	11.3	2.0804	0	-0.0021	2.0783	0.1261	0	-0.0198	0.1063
826	10.9	11.2	2.08	0	-0.0022	2.0778	0.1379	0	-0.0185	0.1195
827	11.3	11.3	2.0801	0	-0.0021	2.078	0.1404	0	-0.0177	0.1227
828	11.1	11.3	2.0803	0	-0.002	2.0782	0.1342	0	-0.0178	0.1164
829	11.2	11.3	2.0802	0	-0.002	2.0782	0.1299	0	-0.0201	0.1097
830	11.1	11.3	2.0805	0	-0.002	2.0785	0.1406	0	-0.0208	0.1199
831	11.4	11.3	2.0809	0	-0.0019	2.079	0.1535	0	-0.0171	0.1364
832	11.9	11.2	2.0815	0	-0.0017	2.0798	0.1584	0	-0.0161	0.1423
833	11.4	11.3	2.082	0	-0.0015	2.0805	0.1595	0	-0.0135	0.146
834	11.8	11.2	2.0817	0	-0.0013	2.0805	0.1517	0	-0.0092	0.1425
835	11.1	11.2	2.0809	0	-0.001	2.0799	0.1576	0	-0.0067	0.1509
836	11.5	11.3	2.0803	0	-0.0009	2.0794	0.1623	0	-0.0052	0.1571
837	10.9	11.3	2.0797	0	-0.0011	2.0786	0.1627	0	-0.0063	0.1564
838	11.4	11.3	2.079	0	-0.0014	2.0776	0.1616	0	-0.0094	0.1522
839	11.1	11.3	2.079	0	-0.0015	2.0775	0.16	0	-0.0044	0.1556
840	10.8	11.3	2.0792	0	-0.0015	2.0777	0.1665	0	0.007	0.1735
841	11	11.3	2.08	0	-0.0016	2.0784	0.17	0	0.0051	0.1751
842	11.3	11.3	2.0808	0	-0.0017	2.0791	0.1718	0	0.0052	0.177

843	11.2	11.2	2.0814	0	-0.0016	2.0797	0.1771	0	0.007	0.1841
844	11.2	11.2	2.082	0	-0.0015	2.0805	0.1707	0	0.0062	0.1769
845	11.2	11.2	2.0827	0	-0.0016	2.0811	0.1569	0	0.0047	0.1615
846	12	11.2	2.0826	0	-0.0015	2.0811	0.15	0	0.002	0.152
847	11.6	11.2	2.0825	0	-0.0014	2.0811	0.1494	0	-0.0006	0.1488
848	10.8	11.2	2.082	0	-0.0015	2.0806	0.15	0	-0.0037	0.1463
849	11.4	11.2	2.0822	0	-0.0017	2.0805	0.1503	0	-0.0047	0.1455
850	11.4	11.3	2.0826	0	-0.0016	2.081	0.158	0	-0.0008	0.1571
851	11.1	11.3	2.0832	0	-0.0015	2.0817	0.1688	0	0.0033	0.1721
852	10.9	11.3	2.0836	0	-0.0013	2.0823	0.1647	0	0.0061	0.1709
853	10.8	11.4	2.0838	0	-0.0012	2.0827	0.1511	0	0.0069	0.158
854	11	11.4	2.0839	0	-0.0011	2.0828	0.1425	0	0.0051	0.1477
855	11.2	11.3	2.0839	0	-0.0011	2.0828	0.1323	0	0.0058	0.138
856	11.4	11.3	2.084	0	-0.0011	2.0829	0.1271	0	0.0081	0.1352
857	11.6	11.3	2.0839	0	-0.001	2.0829	0.1175	0	0.0091	0.1266
858	11.5	11.4	2.0839	0	-0.0011	2.0828	0.1115	0	0.0095	0.121
859	11.2	11.3	2.0839	0	-0.0012	2.0827	0.1157	0	0.0097	0.1254
860	11.9	11.3	2.0839	0	-0.0011	2.0828	0.1229	0	0.0084	0.1314
861	11.9	11.3	2.0834	0	-0.001	2.0824	0.1232	0	0.0062	0.1295
862	11.5	11.3	2.0829	0	-0.0007	2.0821	0.1278	0	0.0047	0.1325
863	11.2	11.3	2.0824	0	-0.0006	2.0818	0.1422	0	0.004	0.1462
864	10.9	11.4	2.0819	0	-0.0006	2.0813	0.1367	0	0.0049	0.1416
865	11.1	11.4	2.0817	0	-0.0005	2.0811	0.1267	0	0.0059	0.1325
866	11.6	11.4	2.0816	0	-0.0004	2.0812	0.1199	0	0.006	0.1259
867	12.1	11.4	2.0815	0	-0.0004	2.0811	0.1116	0	0.0067	0.1183
868	11	11.4	2.082	0	-0.0006	2.0814	0.1036	0	0.0077	0.1113
869	11.1	11.4	2.0824	0	-0.0006	2.0818	0.0951	0	0.008	0.1031
870	10.7	11.4	2.0817	0	-0.0007	2.081	0.0936	0	0.0076	0.1012
871	11.1	11.3	2.0804	0	-0.0009	2.0796	0.0978	0	0.0071	0.105
872	11.4	11.3	2.0792	0	-0.0011	2.0781	0.0993	0	0.0058	0.1051
873	12	11.3	2.0788	0	-0.0013	2.0775	0.0982	0	0.0013	0.0995
874	11.6	11.4	2.0783	0	-0.0014	2.0769	0.1021	0	-0.0023	0.0998
875	11.1	11.4	2.0777	0	-0.0014	2.0763	0.1155	0	-0.0059	0.1096
876	11.5	11.4	2.0778	0	-0.0014	2.0764	0.1203	0	-0.0079	0.1124
877	11.5	11.3	2.0786	0	-0.0015	2.0772	0.1175	0	-0.0089	0.1086
878	11.7	11.4	2.0792	0	-0.0013	2.0779	0.1186	0	-0.0069	0.1118
879	11.6	11.3	2.0782	0	-0.0012	2.077	0.1203	0	-0.0047	0.1155

880	10.8	11.4	2.0768	0	-0.0016	2.0753	0.1145	0	-0.0045	0.11
881	10.8	11.4	2.0764	0	-0.0017	2.0747	0.1089	0	-0.0042	0.1047
882	11.9	11.4	2.076	0	-0.0018	2.0742	0.1102	0	-0.0022	0.108
883	11.6	11.3	2.0761	0	-0.0019	2.0742	0.1139	0	-0.0008	0.1131
884	11.6	11.3	2.0756	0	-0.002	2.0737	0.1185	0	-0.0002	0.1183
885	11.3	11.2	2.0749	0	-0.0021	2.0728	0.1153	0	0.0025	0.1178
886	11.1	11.2	2.0747	0	-0.0022	2.0725	0.1047	0	0.0051	0.1098
887	11.3	11.1	2.0749	0	-0.0021	2.0728	0.1051	0	0.0077	0.1128
888	11	11.1	2.0748	0	-0.0021	2.0727	0.1044	0	0.0062	0.1106
889	11	11.1	2.0734	0	-0.0021	2.0713	0.0994	0	0.0015	0.1009
890	11.5	11.1	2.073	0	-0.0017	2.0713	0.0941	0	-0.0012	0.0929
891	11.3	11	2.0727	0	-0.0016	2.0711	0.09	0	-0.0015	0.0884
892	10.7	11	2.0722	0	-0.0014	2.0708	0.0933	0	-0.0028	0.0905
893	10.5	10.9	2.0723	0	-0.0014	2.0709	0.0971	0	-0.0047	0.0924
894	10.6	10.8	2.0729	0	-0.0013	2.0717	0.0975	0	-0.0033	0.0943
895	10.7	10.8	2.0732	0	-0.0012	2.072	0.1043	0	-0.0023	0.102
896	10.8	10.8	2.0728	0	-0.0012	2.0716	0.1098	0	-0.0028	0.107
897	10.8	10.8	2.0723	0	-0.001	2.0713	0.107	0	-0.001	0.1061
898	10.7	10.9	2.0719	0	-0.0009	2.071	0.1001	0	0.0017	0.1018
899	10.7	10.9	2.0711	0	-0.0013	2.0699	0.0958	0	0.0011	0.0969
900	10.7	10.9	2.0707	0	-0.0017	2.069	0.0982	0	-0.0012	0.097
901	10.4	10.9	2.0711	0	-0.002	2.0691	0.1085	0	-0.0016	0.1069
902	10.3	10.9	2.0718	0	-0.002	2.0698	0.1254	0	0	0.1253
903	10.6	10.9	2.0718	0	-0.002	2.0698	0.1388	0	0.0043	0.1431
904	10.9	11	2.0723	0	-0.0021	2.0702	0.1463	0	0.0074	0.1536
905	10.9	11	2.0725	0	-0.0022	2.0703	0.1555	0	0.0088	0.1643
906	11.6	11.1	2.0727	0	-0.0022	2.0705	0.1616	0	0.009	0.1706
907	11.9	11.1	2.0726	0	-0.0022	2.0703	0.1695	0	0.0115	0.181
908	11.6	11	2.0717	0	-0.0022	2.0695	0.176	0	0.0143	0.1903
909	11.3	11	2.0709	0	-0.002	2.0689	0.1803	0	0.0134	0.1937
910	10.6	11	2.0707	0	-0.0018	2.0688	0.1801	0	0.0108	0.1909
911	11.1	11	2.0701	0	-0.002	2.0681	0.1749	0	0.0097	0.1846
912	11.7	11.1	2.0693	0	-0.0021	2.0672	0.165	0	0.0077	0.1728
913	11.5	11.1	2.0703	0	-0.0022	2.0681	0.1551	0	0.0067	0.1618
914	11.2	11.1	2.0714	0	-0.0023	2.0691	0.1434	0	0.0083	0.1517
915	11.4	11.1	2.0717	0	-0.0023	2.0694	0.1348	0	0.0085	0.1432
916	11	11	2.0719	0	-0.0024	2.0695	0.1313	0	0.0086	0.1399

917	10.4	11	2.072	0	-0.0024	2.0696	0.1272	0	0.0105	0.1377
918	10.5	10.9	2.072	0	-0.0024	2.0696	0.1183	0	0.0118	0.1301
919	10.7	10.8	2.0717	0	-0.0024	2.0694	0.1177	0	0.0109	0.1286
920	10.6	10.8	2.0709	0	-0.0023	2.0687	0.1241	0	0.0086	0.1327
921	10.7	10.8	2.0703	0	-0.0021	2.0682	0.1289	0	0.0065	0.1354
922	10.8	10.7	2.0702	0	-0.0018	2.0685	0.1258	0	0.0045	0.1303
923	10.5	10.7	2.0698	0	-0.0016	2.0682	0.1179	0	0.002	0.1199
924	10.8	10.6	2.0688	0	-0.0013	2.0675	0.1161	0	-0.0002	0.1159
925	11.1	10.6	2.0684	0	-0.0013	2.0671	0.115	0	-0.001	0.114
926	10.7	10.6	2.0682	0	-0.0013	2.0669	0.1097	0	-0.001	0.1087
927	10.3	10.6	2.0683	0	-0.0014	2.0668	0.1142	0	0.0003	0.1145
928	10.2	10.6	2.0682	0	-0.0016	2.0667	0.1245	0	0.0025	0.127
929	10.3	10.7	2.0688	0	-0.0016	2.0672	0.1345	0	0.0057	0.1402
930	10.5	10.7	2.0696	0	-0.0016	2.068	0.1266	0	0.0068	0.1333
931	10.6	10.7	2.0699	0	-0.0017	2.0682	0.1095	0	0.0031	0.1126
932	10.8	10.7	2.0701	0	-0.0017	2.0685	0.1017	0	0.0022	0.1039
933	10.3	10.7	2.0702	0	-0.0015	2.0687	0.0988	0	0.0022	0.101
934	10.7	10.7	2.0702	0	-0.0015	2.0687	0.1025	0	0.0005	0.103
935	10.4	10.7	2.0704	0	-0.0015	2.0689	0.0948	0	-0.0026	0.0921
936	11.1	10.7	2.0698	0	-0.0017	2.0681	0.0817	0	-0.0071	0.0746
937	11.1	10.7	2.0692	0	-0.0017	2.0675	0.075	0	-0.01	0.065
938	11	10.7	2.0691	0	-0.0016	2.0675	0.0776	0	-0.0103	0.0673
939	11.1	10.7	2.0696	0	-0.0014	2.0682	0.0814	0	-0.0112	0.0703
940	11	10.7	2.0702	0	-0.0013	2.0688	0.0745	0	-0.0115	0.063
941	10.8	10.8	2.0707	0	-0.0013	2.0693	0.083	0	-0.0062	0.0767
942	10.6	10.8	2.0711	0	-0.0012	2.0699	0.0893	0	-0.0051	0.0843
943	10.4	10.9	2.0716	0	-0.0013	2.0703	0.0852	0	-0.0027	0.0825
944	10.6	10.9	2.0716	0	-0.0013	2.0703	0.0885	0	-0.002	0.0865
945	10.8	10.9	2.0717	0	-0.0013	2.0704	0.1022	0	-0.0007	0.1015
946	10.6	10.9	2.0719	0	-0.0014	2.0705	0.1144	0	0.0002	0.1146
947	10.6	10.9	2.0725	0	-0.0016	2.0709	0.1199	0	0.0024	0.1223
948	10.7	10.9	2.0725	0	-0.0016	2.0709	0.1106	0	0.005	0.1157
949	10.9	10.9	2.0723	0	-0.0015	2.0708	0.1069	0	0.0057	0.1126
950	11.3	11	2.0718	0	-0.0015	2.0703	0.0948	0	0.0021	0.0969
951	11.5	11	2.0707	0	-0.0015	2.0692	0.0871	0	-0.0015	0.0856
952	11.3	11	2.0697	0	-0.0017	2.068	0.0934	0	-0.0047	0.0887
953	11	11	2.0692	0	-0.0019	2.0673	0.1025	0	-0.0038	0.0987

954	11.4	11	2.0684	0	-0.002	2.0664	0.102	0	-0.003	0.099
955	10.9	11.1	2.0678	0	-0.002	2.0658	0.1057	0	-0.0038	0.102
956	11	11.1	2.067	0	-0.0022	2.0648	0.121	0	-0.0046	0.1164
957	11.2	11.1	2.0663	0	-0.0024	2.0639	0.1346	0	-0.0032	0.1314
958	11.4	11.1	2.0659	0	-0.0024	2.0634	0.137	0	-0.0025	0.1345
959	11.9	11.1	2.0659	0	-0.0023	2.0636	0.1331	0	-0.0026	0.1306
960	10.6	11.1	2.0664	0	-0.0021	2.0643	0.1329	0	-0.0013	0.1316
961	10.6	11	2.0669	0	-0.0017	2.0651	0.132	0	-0.0007	0.1313
962	11	11	2.0674	0	-0.0014	2.066	0.1274	0	-0.0041	0.1234
963	11.1	11	2.068	0	-0.0014	2.0666	0.1154	0	-0.0034	0.1119
964	11	11	2.0684	0	-0.0014	2.067	0.1149	0	-0.0013	0.1136
965	10.9	11	2.0685	0	-0.0014	2.0671	0.1182	0	-0.0009	0.1174
966	10.8	11	2.0688	0	-0.0014	2.0674	0.1188	0	-0.0017	0.117
967	11.1	11	2.0696	0	-0.0016	2.068	0.1212	0	-0.0037	0.1176
968	10.7	10.9	2.0703	0	-0.0017	2.0686	0.123	0	-0.004	0.119
969	10.8	10.9	2.07	0	-0.0015	2.0685	0.1227	0	-0.0048	0.1178
970	10.8	10.9	2.0688	0	-0.0013	2.0675	0.1266	0	-0.0059	0.1207
971	10.7	10.9	2.0679	0	-0.0013	2.0666	0.1222	0	-0.0072	0.115
972	10.7	10.9	2.0674	0	-0.0013	2.0661	0.1167	0	-0.0078	0.1089
973	10.9	10.9	2.0672	0	-0.0013	2.0659	0.1185	0	-0.0059	0.1126
974	11.3	10.8	2.0668	0	-0.0013	2.0655	0.1195	0	-0.0049	0.1146
975	10.9	10.8	2.0667	0	-0.0013	2.0654	0.1096	0	-0.003	0.1066
976	10.9	10.8	2.0664	0	-0.0015	2.0649	0.1018	0	-0.0023	0.0996
977	11	10.8	2.0662	0	-0.0017	2.0645	0.0948	0	-0.002	0.0928
978	10.8	10.8	2.0657	0	-0.0019	2.0639	0.0944	0	-0.003	0.0915
979	10.8	10.8	2.0656	0	-0.0019	2.0637	0.0969	0	-0.0033	0.0936
980	10.9	10.8	2.0659	0	-0.0019	2.064	0.0993	0	-0.0023	0.0971
981	10.5	10.8	2.0662	0	-0.0019	2.0643	0.1172	0	-0.0009	0.1163
982	10.6	10.8	2.0661	0	-0.002	2.0641	0.1364	0	-0.002	0.1344
983	10.4	10.7	2.0659	0	-0.0019	2.0639	0.1502	0	-0.0029	0.1473
984	10.9	10.7	2.0661	0	-0.0017	2.0645	0.1618	0	-0.0015	0.1603
985	10.8	10.7	2.0667	0	-0.0014	2.0653	0.1703	0	-0.0003	0.1701
986	10.4	10.7	2.0672	0	-0.0012	2.066	0.1753	0	0.0014	0.1767
987	10.7	10.6	2.0672	0	-0.0011	2.0661	0.1671	0	0.0012	0.1683
988	11.2	10.6	2.0667	0	-0.001	2.0657	0.1552	0	0.001	0.1562
989	10.6	10.6	2.0659	0	-0.0009	2.065	0.1456	0	0.0024	0.148
990	10.4	10.6	2.0647	0	-0.0011	2.0636	0.1492	0	0.0042	0.1534

991	10.2	10.6	2.0638	0	-0.0011	2.0627	0.1637	0	0.0043	0.168
992	10.4	10.6	2.0637	0	-0.0012	2.0625	0.1771	0	0.0038	0.1809
993	10.8	10.7	2.0635	0	-0.0012	2.0623	0.1741	0	0.0056	0.1797
994	10.8	10.7	2.0627	0	-0.0012	2.0615	0.1757	0	0.0088	0.1845
995	10.3	10.7	2.0618	0	-0.0012	2.0605	0.1727	0	0.0094	0.1821
996	9.95	10.7	2.0608	0	-0.0014	2.0594	0.1725	0	0.0094	0.1819
997	10.7	10.7	2.0612	0	-0.0015	2.0597	0.1776	0	0.0088	0.1864
998	10.8	10.7	2.0612	0	-0.0015	2.0597	0.1913	0	0.0063	0.1976
999	10.7	10.8	2.0617	0	-0.0015	2.0602	0.1935	0	0.006	0.1995
1000	10.7	10.8	2.062	0	-0.0015	2.0605	0.1917	0	0.0057	0.1973
1001	11.1	10.8	2.0618	0	-0.0015	2.0603	0.1915	0	0.0043	0.1958
1002	11.3	10.8	2.0615	0	-0.0016	2.0599	0.1871	0	0.0005	0.1875
1003	10.7	10.8	2.0616	0	-0.0017	2.0599	0.183	0	-0.005	0.178
1004	11.1	10.8	2.0617	0	-0.0017	2.06	0.1808	0	-0.0075	0.1733
1005	11.3	10.8	2.0604	0	-0.0018	2.0587	0.175	0	-0.0068	0.1683
1006	11	10.8	2.0593	0	-0.0019	2.0573	0.1762	0	-0.0061	0.1701
1007	11.2	10.8	2.0588	0	-0.002	2.0568	0.1677	0	-0.0083	0.1594
1008	11.1	10.7	2.0584	0	-0.002	2.0564	0.1594	0	-0.0091	0.1503
1009	10.3	10.7	2.0576	0	-0.0019	2.0557	0.1581	0	-0.0101	0.148
1010	10.1	10.7	2.0575	0	-0.0018	2.0557	0.1596	0	-0.0079	0.1517
1011	10.5	10.7	2.0574	0	-0.0016	2.0558	0.1618	0	-0.0032	0.1586
1012	10.8	10.6	2.0577	0	-0.0018	2.056	0.1613	0	0.0012	0.1624
1013	10.7	10.6	2.0588	0	-0.0021	2.0568	0.1592	0	0.0029	0.1622
1014	10.5	10.6	2.0596	0	-0.0022	2.0574	0.1706	0	0.0018	0.1724
1015	10.5	10.5	2.0598	0	-0.0021	2.0577	0.1712	0	0.0038	0.175
1016	10.4	10.5	2.0598	0	-0.002	2.0578	0.1683	0	0.0062	0.1746
1017	9.9	10.4	2.0597	0	-0.002	2.0577	0.168	0	0.0056	0.1737
1018	10.6	10.4	2.0598	0	-0.0019	2.0579	0.1739	0	0.0024	0.1763
1019	10.2	10.4	2.0591	0	-0.0018	2.0573	0.1788	0	-0.0002	0.1786
1020	10.5	10.4	2.0587	0	-0.0016	2.0571	0.1777	0	0.0004	0.1782
1021	10.7	10.4	2.0586	0	-0.0013	2.0573	0.1636	0	0.0025	0.1661
1022	10.2	10.3	2.0584	0	-0.0012	2.0572	0.1529	0	0.0037	0.1566
1023	9.96	10.3	2.0578	0	-0.0011	2.0567	0.1449	0	0.0046	0.1494
1024	10.1	10.3	2.0579	0	-0.001	2.0569	0.1411	0	0.005	0.1461
1025	10.4	10.3	2.0582	0	-0.0011	2.0571	0.1417	0	0.0045	0.1462
1026	10.3	10.3	2.0587	0	-0.0011	2.0576	0.1484	0	0.003	0.1514
1027	10.2	10.4	2.0588	0	-0.0011	2.0577	0.14	0	0.0014	0.1413

1028	10.2	10.4	2.0586	0	-0.0012	2.0573	0.136	0	-0.0011	0.135
1029	10.5	10.5	2.0589	0	-0.0013	2.0575	0.1291	0	-0.0039	0.1253
1030	10.1	10.5	2.0578	0	-0.0015	2.0563	0.1257	0	-0.006	0.1197
1031	10.4	10.5	2.0563	0	-0.0015	2.0548	0.1284	0	-0.008	0.1204
1032	10.2	10.6	2.0551	0	-0.0014	2.0537	0.1321	0	-0.0099	0.1222
1033	10.2	10.6	2.054	0	-0.0014	2.0527	0.1322	0	-0.0099	0.1223
1034	10.5	10.7	2.0532	0	-0.0015	2.0517	0.1313	0	-0.0083	0.123
1035	10.6	10.7	2.0529	0	-0.0016	2.0512	0.1344	0	-0.0059	0.1285
1036	10.9	10.7	2.0531	0	-0.0018	2.0513	0.1415	0	-0.0045	0.137
1037	11.2	10.8	2.0537	0	-0.0018	2.0519	0.1501	0	-0.002	0.1481
1038	11.4	10.8	2.0545	0	-0.0018	2.0527	0.1533	0	0.002	0.1554
1039	11.4	10.8	2.0546	0	-0.0018	2.0528	0.1446	0	0.0049	0.1495
1040	11.1	10.8	2.0538	0	-0.0018	2.052	0.137	0	0.004	0.141
1041	10.9	10.9	2.0529	0	-0.0017	2.0512	0.1274	0	0.0015	0.1289
1042	10.8	10.9	2.0537	0	-0.0018	2.0519	0.1181	0	0.0017	0.1198
1043	11.1	10.9	2.054	0	-0.0022	2.0518	0.1183	0	0.0009	0.1192
1044	11.1	10.9	2.0543	0	-0.0022	2.0521	0.1193	0	-0.0012	0.1182
1045	11.3	11	2.0545	0	-0.0022	2.0522	0.114	0	-0.0036	0.1104
1046	11.2	10.9	2.0541	0	-0.0023	2.0519	0.1038	0	-0.0054	0.0984
1047	10.3	10.9	2.0534	0	-0.0022	2.0512	0.0946	0	-0.0078	0.0867
1048	10.2	10.8	2.0531	0	-0.0022	2.0509	0.0963	0	-0.0079	0.0884
1049	11	10.8	2.0532	0	-0.0021	2.0511	0.097	0	-0.0065	0.0906
1050	11	10.8	2.0526	0	-0.0019	2.0507	0.1054	0	-0.0035	0.1019
1051	10.8	10.8	2.0519	0	-0.0015	2.0504	0.1141	0	-0.0015	0.1126
1052	10.6	10.7	2.0514	0	-0.0012	2.0502	0.1159	0	-0.0013	0.1146
1053	10.8	10.7	2.0511	0	-0.0011	2.05	0.1122	0	-0.0022	0.11
1054	11.2	10.7	2.0509	0	-0.0013	2.0495	0.1104	0	-0.0029	0.1075
1055	10.3	10.7	2.0502	0	-0.0014	2.0488	0.1139	0	-0.002	0.1118
1056	10.3	10.7	2.0503	0	-0.0014	2.0489	0.1091	0	-0.0036	0.1055
1057	10.2	10.7	2.0504	0	-0.0015	2.0488	0.0986	0	-0.0046	0.094
1058	10.4	10.7	2.0501	0	-0.0014	2.0486	0.0954	0	-0.0045	0.0909
1059	10.9	10.7	2.0499	0	-0.0015	2.0485	0.0928	0	-0.003	0.0898
1060	10.8	10.7	2.0502	0	-0.0018	2.0485	0.0841	0	-0.0006	0.0836
1061	10.2	10.7	2.0507	0	-0.0019	2.0489	0.0769	0	0.0011	0.078
1062	10.6	10.7	2.0514	0	-0.0017	2.0497	0.076	0	0.001	0.0771
1063	11.2	10.7	2.051	0	-0.0016	2.0493	0.0792	0	-0.0022	0.077
1064	11	10.6	2.0513	0	-0.0018	2.0495	0.0931	0	-0.0056	0.0874

1065	10.9	10.6	2.0517	0	-0.002	2.0497	0.1015	0	-0.0075	0.094
1066	10.7	10.6	2.052	0	-0.002	2.05	0.107	0	-0.0077	0.0994
1067	10.6	10.6	2.0523	0	-0.0018	2.0504	0.1138	0	-0.007	0.1068
1068	11	10.6	2.0524	0	-0.0017	2.0507	0.1173	0	-0.0069	0.1105
1069	11.1	10.5	2.0522	0	-0.0015	2.0507	0.1295	0	-0.0052	0.1243
1070	10.7	10.4	2.0524	0	-0.0016	2.0509	0.131	0	-0.0037	0.1273
1071	10.4	10.4	2.0526	0	-0.0017	2.0509	0.1257	0	-0.0009	0.1249
1072	10.3	10.4	2.0529	0	-0.0018	2.0512	0.1233	0	0.0017	0.125
1073	10.3	10.4	2.0531	0	-0.0018	2.0513	0.1198	0	0.0049	0.1247
1074	10.3	10.4	2.0526	0	-0.0017	2.0509	0.1149	0	0.0092	0.1241
1075	9.95	10.4	2.0519	0	-0.0016	2.0503	0.1283	0	0.0108	0.1392
1076	9.88	10.4	2.0524	0	-0.0016	2.0508	0.1368	0	0.0095	0.1463
1077	9.73	10.4	2.0526	0	-0.0016	2.051	0.1413	0	0.0104	0.1517
1078	9.43	10.4	2.0528	0	-0.0015	2.0513	0.132	0	0.0123	0.1443
1079	9.89	10.3	2.053	0	-0.0013	2.0517	0.1234	0	0.0132	0.1366
1080	10.3	10.4	2.0531	0	-0.0011	2.052	0.1272	0	0.0128	0.14
1081	10	10.4	2.053	0	-0.0009	2.0521	0.1155	0	0.0107	0.1261
1082	11	10.4	2.0529	0	-0.001	2.0519	0.0918	0	0.0071	0.0989
1083	10.6	10.4	2.0527	0	-0.0011	2.0516	0.072	0	0.0091	0.0811
1084	10.7	10.4	2.0527	0	-0.0011	2.0516	0.0599	0	0.0081	0.068
1085	10.7	10.4	2.0526	0	-0.001	2.0516	0.0528	0	0.0073	0.0602
1086	10.7	10.5	2.0522	0	-0.001	2.0512	0.0523	0	0.0066	0.0589
1087	10.8	10.5	2.0518	0	-0.0013	2.0506	0.0572	0	0.0048	0.062
1088	10.5	10.5	2.0522	0	-0.0015	2.0507	0.0661	0	0.0035	0.0696
1089	11.3	10.6	2.0522	0	-0.0013	2.0509	0.0834	0	0.001	0.0844
1090	11.4	10.7	2.052	0	-0.0012	2.0507	0.0853	0	0.0019	0.0872
1091	10.9	10.7	2.052	0	-0.0013	2.0507	0.0831	0	0.0007	0.0839
1092	10.3	10.6	2.0518	0	-0.0012	2.0506	0.0833	0	0.0022	0.0855
1093	10	10.7	2.0515	0	-0.0011	2.0505	0.0955	0	0.0026	0.0981
1094	10.2	10.7	2.0513	0	-0.0008	2.0505	0.0965	0	0.0007	0.0972
1095	10.5	10.7	2.0514	0	-0.0007	2.0507	0.0921	0	0.0035	0.0956
1096	10.2	10.7	2.0513	0	-0.0006	2.0507	0.083	0	0.0026	0.0856
1097	10.3	10.8	2.0516	0	-0.0007	2.0509	0.0729	0	0.0007	0.0735
1098	11.2	10.8	2.0515	0	-0.0009	2.0507	0.0599	0	-0.0015	0.0583
1099	10.9	10.8	2.0511	0	-0.0011	2.05	0.0532	0	-0.004	0.0493
1100	10.3	10.7	2.0505	0	-0.0014	2.0492	0.0488	0	-0.0042	0.0446
1101	10.4	10.7	2.0502	0	-0.0014	2.0488	0.0363	0	-0.0014	0.0348

1102	10.9	10.8	2.0503	0	-0.0014	2.0489	0.0249	0	0.0039	0.0289
1103	11.2	10.8	2.0506	0	-0.0014	2.0491	0.0145	0	0.0078	0.0223
1104	11.3	10.9	2.0503	0	-0.0015	2.0488	0.0072	0	0.0094	0.0166
1105	11.3	10.9	2.0495	0	-0.0014	2.0481	0.0056	0	0.0079	0.0135
1106	11.1	11	2.0494	0	-0.0015	2.0479	0.0026	0	0.0081	0.0106
1107	10.9	11	2.0493	0	-0.0015	2.0478	0.0073	0	0.0093	0.0166
1108	10.9	11	2.0491	0	-0.0017	2.0475	0.0091	0	0.0088	0.018
1109	10.8	11	2.0492	0	-0.0018	2.0473	0.0036	0	0.0107	0.0143
1110	11.1	11	2.0498	0	-0.0019	2.0479	-0.002	0	0.0102	0.0082
1111	10.8	11	2.0498	0	-0.0017	2.0481	-0.0033	0	0.0081	0.0048
1112	10.8	11	2.0498	0	-0.0015	2.0483	0.0014	0	0.0069	0.0083
1113	11.4	11	2.0495	0	-0.0015	2.048	0.0076	0	0.009	0.0166
1114	11.7	10.9	2.0495	0	-0.0014	2.048	0.0011	0	0.0106	0.0117
1115	11.4	10.9	2.0491	0	-0.0014	2.0477	0.0055	0	0.0073	0.0128
1116	11.2	10.8	2.0484	0	-0.0013	2.0471	0.0079	0	0.0038	0.0117
1117	11.4	10.8	2.048	0	-0.0013	2.0467	0.0086	0	0.0039	0.0125
1118	10.2	10.8	2.0468	0	-0.0014	2.0454	0.0154	0	0.0056	0.0209
1119	10.6	10.8	2.046	0	-0.0014	2.0446	0.0198	0	0.0073	0.027
1120	10.5	10.8	2.0461	0	-0.0015	2.0447	0.0179	0	0.0101	0.028
1121	10.4	10.7	2.0463	0	-0.0015	2.0448	0.019	0	0.0097	0.0287
1122	10.4	10.7	2.0464	0	-0.0017	2.0447	0.02	0	0.008	0.028
1123	10.4	10.7	2.0463	0	-0.002	2.0443	0.0256	0	0.0064	0.0321
1124	10.5	10.6	2.0451	0	-0.0021	2.043	0.0329	0	0.0062	0.0391
1125	10.2	10.5	2.0445	0	-0.002	2.0425	0.03	0	0.0093	0.0393
1126	10.3	10.5	2.0446	0	-0.0021	2.0425	0.0187	0	0.0086	0.0273
1127	10.8	10.5	2.0456	0	-0.0024	2.0433	0.011	0	0.008	0.019
1128	10.9	10.5	2.0462	0	-0.0025	2.0437	0.0044	0	0.0075	0.0119
1129	10.5	10.4	2.0461	0	-0.0026	2.0435	0.0054	0	0.0065	0.012
1130	10.2	10.4	2.0463	0	-0.0026	2.0437	0.008	0	0.0054	0.0134
1131	11	10.4	2.0471	0	-0.0022	2.0449	0.0077	0	0.0062	0.0139
1132	10.3	10.4	2.0479	0	-0.0023	2.0456	0.0017	0	0.0089	0.0106
1133	10.3	10.4	2.048	0	-0.0022	2.0459	-0.0019	0	0.0107	0.0088
1134	10	10.4	2.0479	0	-0.0022	2.0457	-0.0079	0	0.0085	0.0006
1135	10.3	10.4	2.0476	0	-0.0023	2.0453	-0.0104	0	0.0073	-0.0031
1136	10.8	10.4	2.0474	0	-0.0023	2.0451	-0.0087	0	0.0082	-0.0005
1137	10.3	10.4	2.0471	0	-0.0021	2.045	-0.0103	0	0.0073	-0.0029
1138	10.1	10.4	2.0462	0	-0.0019	2.0443	-0.0137	0	0.0042	-0.0095

1139	10.7	10.4	2.0461	0	-0.002	2.0441	-0.0102	0	0.0021	-0.0081
1140	10.2	10.4	2.0455	0	-0.0019	2.0437	-0.0119	0	0.003	-0.0088
1141	9.99	10.3	2.0446	0	-0.0019	2.0427	-0.0161	0	0.0046	-0.0114
1142	9.89	10.4	2.0442	0	-0.002	2.0421	-0.015	0	0.005	-0.0101
1143	10.1	10.4	2.0444	0	-0.0023	2.0421	-0.0176	0	0.0055	-0.0121
1144	10.6	10.4	2.0451	0	-0.0026	2.0425	-0.0212	0	0.0062	-0.0151
1145	10.4	10.4	2.0462	0	-0.0025	2.0436	-0.0207	0	0.0062	-0.0145
1146	10.7	10.3	2.0468	0	-0.0023	2.0445	-0.0204	0	0.0062	-0.0142
1147	10.7	10.3	2.0474	0	-0.002	2.0453	-0.0243	0	0.007	-0.0174
1148	10.5	10.3	2.0478	0	-0.0018	2.046	-0.0223	0	0.0061	-0.0162
1149	10.3	10.3	2.0483	0	-0.0017	2.0466	-0.0116	0	0.0039	-0.0076
1150	10.5	10.3	2.049	0	-0.0017	2.0473	-0.003	0	0.0009	-0.002
1151	10.8	10.3	2.0495	0	-0.0019	2.0475	-0.0004	0	-0.0005	-0.0009
1152	10.3	10.3	2.05	0	-0.002	2.048	0.0059	0	-0.001	0.0049
1153	10.1	10.3	2.0504	0	-0.0021	2.0483	0.0139	0	-0.001	0.0129
1154	9.96	10.3	2.0503	0	-0.0021	2.0482	0.0206	0	-0.0011	0.0195
1155	10.3	10.3	2.0499	0	-0.0022	2.0477	0.0197	0	-0.002	0.0177
1156	10.4	10.3	2.0495	0	-0.0023	2.0472	0.0142	0	-0.0016	0.0126
1157	9.96	10.2	2.0495	0	-0.0024	2.047	0.0119	0	-0.0027	0.0092
1158	10.4	10.2	2.0497	0	-0.0025	2.0472	0.0057	0	-0.0031	0.0026
1159	10	10.1	2.0501	0	-0.0025	2.0476	0.0064	0	-0.0026	0.0038
1160	10.2	10.1	2.0506	0	-0.0026	2.048	0.0066	0	-0.0033	0.0033
1161	10.1	10.1	2.0506	0	-0.0025	2.048	0.0176	0	-0.0031	0.0146
1162	10.3	10.1	2.0507	0	-0.0026	2.0481	0.0256	0	0.0007	0.0262
1163	10.7	10.2	2.0508	0	-0.0027	2.0482	0.03	0	0.0041	0.0341
1164	10.4	10.2	2.0507	0	-0.0026	2.0482	0.028	0	0.0043	0.0324
1165	9.67	10.2	2.0509	0	-0.0024	2.0485	0.0281	0	0.0037	0.0318
1166	9.53	10.2	2.0512	0	-0.0024	2.0488	0.0226	0	0.0056	0.0281
1167	9.57	10.2	2.0507	0	-0.0024	2.0483	0.0111	0	0.0079	0.019
1168	9.68	10.2	2.0504	0	-0.0024	2.048	0.0075	0	0.0087	0.0163
1169	10.2	10.2	2.0504	0	-0.0025	2.0479	-0.0015	0	0.0066	0.0051
1170	10.6	10.2	2.0505	0	-0.0026	2.048	-0.0022	0	0.0048	0.0027
1171	10.7	10.2	2.0506	0	-0.0025	2.0481	0.0061	0	0.0033	0.0094
1172	10.9	10.1	2.0504	0	-0.0024	2.048	0.0083	0	0.0033	0.0117
1173	10.9	10.1	2.0498	0	-0.0024	2.0474	0.0055	0	0.0024	0.0079
1174	10	10.1	2.0496	0	-0.0027	2.0469	0.0023	0	-0.0002	0.0021
1175	10.1	10.1	2.05	0	-0.0025	2.0475	-0.0095	0	-0.001	-0.0105

1176	10.5	10.1	2.0513	0	-0.0024	2.0489	-0.0175	0	-0.001	-0.0185
1177	10.4	10.1	2.0521	0	-0.0023	2.0498	-0.0147	0	-0.001	-0.0157
1178	9.83	10.1	2.0523	0	-0.0021	2.0501	-0.0025	0	-0.0021	-0.0047
1179	9.56	10	2.0522	0	-0.0018	2.0504	0.0022	0	-0.0034	-0.0012
1180	9.63	10	2.0523	0	-0.0017	2.0506	0.0024	0	-0.004	-0.0016
1181	9.82	9.97	2.0528	0	-0.0018	2.051	0.0116	0	-0.003	0.0086
1182	9.62	9.93	2.0531	0	-0.0021	2.051	0.0259	0	0.0028	0.0287
1183	9.87	9.9	2.0535	0	-0.0019	2.0516	0.0359	0	0.0013	0.0372
1184	9.95	9.95	2.0537	0	-0.0018	2.0519	0.0365	0	-0.0001	0.0364
1185	9.86	10	2.0534	0	-0.0018	2.0516	0.0349	0	-0.0024	0.0325
1186	9.65	10	2.0532	0	-0.0018	2.0514	0.0328	0	-0.004	0.0288
1187	9.49	10	2.0532	0	-0.0017	2.0515	0.034	0	-0.0037	0.0303
1188	9.53	10	2.0532	0	-0.0017	2.0515	0.0393	0	-0.0034	0.0359
1189	9.64	10	2.0534	0	-0.0016	2.0518	0.0386	0	-0.0042	0.0344
1190	10.3	10.1	2.0536	0	-0.0017	2.0519	0.0435	0	-0.0067	0.0368
1191	10.1	10.1	2.0535	0	-0.0018	2.0517	0.0467	0	-0.0039	0.0428
1192	10.3	10.1	2.0536	0	-0.0018	2.0518	0.0447	0	-0.0023	0.0424
1193	10.9	10.2	2.0537	0	-0.0017	2.052	0.0384	0	-0.0009	0.0375
1194	11.1	10.2	2.0534	0	-0.0015	2.0519	0.036	0	-0.0012	0.0348
1195	10.6	10.2	2.0534	0	-0.0013	2.0521	0.0419	0	-0.0044	0.0375
1196	10.6	10.3	2.0537	0	-0.0013	2.0524	0.0505	0	-0.005	0.0455
1197	10.2	10.3	2.0538	0	-0.0013	2.0525	0.0574	0	-0.0034	0.054
1198	9.83	10.3	2.0527	0	-0.0012	2.0514	0.0719	0	-0.0021	0.0698
1199	9.85	10.4	2.0514	0	-0.0012	2.0502	0.082	0	-0.0021	0.0799
1200	10.1	10.3	2.0506	0	-0.0013	2.0493	0.088	0	-0.0015	0.0865
1201	10.4	10.4	2.0496	0	-0.0013	2.0483	0.0912	0	-0.0006	0.0906
1202	10.7	10.4	2.0489	0	-0.0013	2.0476	0.094	0	-0.0008	0.0932
1203	10.7	10.4	2.0485	0	-0.0013	2.0472	0.1066	0	-0.0009	0.1057
1204	10.5	10.4	2.0483	0	-0.0013	2.047	0.1152	0	-0.0008	0.1144
1205	10.1	10.3	2.0481	0	-0.0013	2.0469	0.12	0	-0.0036	0.1164
1206	10	10.3	2.0482	0	-0.0012	2.047	0.1214	0	-0.0035	0.1178
1207	10.6	10.3	2.0487	0	-0.0012	2.0475	0.1229	0	-0.0049	0.118
1208	10.4	10.4	2.0485	0	-0.0014	2.0471	0.125	0	-0.0072	0.1179
1209	9.68	10.4	2.0485	0	-0.0015	2.047	0.1284	0	-0.0083	0.1201
1210	10.2	10.4	2.048	0	-0.0016	2.0465	0.1329	0	-0.0072	0.1256
1211	10.9	10.5	2.0472	0	-0.0018	2.0455	0.134	0	-0.0085	0.1255
1212	11.1	10.4	2.0468	0	-0.0019	2.0449	0.1213	0	-0.0065	0.1148

1213	10.7	10.4	2.0467	0	-0.0019	2.0448	0.1209	0	-0.0077	0.1131
1214	10.2	10.4	2.0466	0	-0.0018	2.0448	0.1298	0	-0.0094	0.1204
1215	10.2	10.4	2.0468	0	-0.0019	2.0449	0.1399	0	-0.0086	0.1313
1216	10.5	10.3	2.0473	0	-0.0021	2.0452	0.1504	0	-0.0075	0.1429
1217	10.1	10.3	2.0472	0	-0.0022	2.045	0.1586	0	-0.0086	0.15
1218	10.7	10.3	2.047	0	-0.0021	2.0449	0.1579	0	-0.0098	0.148
1219	10.9	10.3	2.0462	0	-0.0019	2.0443	0.1528	0	-0.0089	0.1438
1220	10.6	10.3	2.0455	0	-0.0018	2.0437	0.1488	0	-0.0084	0.1404
1221	10.4	10.2	2.0455	0	-0.0018	2.0436	0.1372	0	-0.0107	0.1265
1222	10.5	10.2	2.0459	0	-0.0019	2.0439	0.1315	0	-0.0118	0.1197
1223	9.72	10.2	2.0461	0	-0.002	2.0441	0.1283	0	-0.012	0.1163
1224	10	10.2	2.046	0	-0.002	2.044	0.1208	0	-0.0114	0.1094
1225	9.34	10.2	2.0462	0	-0.0019	2.0443	0.1163	0	-0.0119	0.1044
1226	9.53	10.2	2.0461	0	-0.002	2.044	0.1218	0	-0.0106	0.1113
1227	9.96	10.3	2.0459	0	-0.0022	2.0437	0.1403	0	-0.0092	0.1311
1228	10.2	10.3	2.046	0	-0.0022	2.0438	0.1564	0	-0.0072	0.1492
1229	10.1	10.2	2.0459	0	-0.0022	2.0437	0.1625	0	-0.0047	0.1578
1230	9.93	10.2	2.0451	0	-0.0023	2.0429	0.1599	0	-0.0027	0.1572
1231	10.3	10.2	2.0445	0	-0.0025	2.042	0.1535	0	-0.0025	0.151
1232	10.3	10.2	2.0443	0	-0.0024	2.0419	0.1559	0	-0.0051	0.1508
1233	10.5	10.2	2.0444	0	-0.0022	2.0422	0.1511	0	-0.0078	0.1434
1234	10.9	10.1	2.0444	0	-0.002	2.0424	0.1444	0	-0.0064	0.1381
1235	10.6	10.2	2.0443	0	-0.0019	2.0424	0.138	0	-0.0042	0.1338
1236	10.5	10.2	2.044	0	-0.0019	2.0421	0.1287	0	-0.0042	0.1245
1237	11	10.2	2.0432	0	-0.0018	2.0414	0.1206	0	-0.0053	0.1153
1238	10.4	10.2	2.0423	0	-0.0015	2.0409	0.1156	0	-0.0041	0.1116
1239	10.3	10.2	2.0418	0	-0.0013	2.0404	0.1114	0	-0.0048	0.1066
1240	9.98	10.2	2.0408	0	-0.0015	2.0394	0.1104	0	-0.0049	0.1055
1241	9.7	10.3	2.0401	0	-0.0017	2.0385	0.1109	0	-0.0058	0.1051
1242	9.57	10.3	2.0403	0	-0.002	2.0384	0.1109	0	-0.0066	0.1043
1243	9.55	10.3	2.0408	0	-0.0021	2.0386	0.1153	0	-0.007	0.1083
1244	9.67	10.3	2.0409	0	-0.0022	2.0388	0.118	0	-0.006	0.112
1245	10	10.3	2.0411	0	-0.002	2.0391	0.1133	0	-0.0036	0.1097
1246	9.64	10.3	2.0411	0	-0.002	2.0391	0.1102	0	-0.002	0.1082
1247	10.2	10.3	2.0402	0	-0.0018	2.0384	0.1125	0	-0.002	0.1105
1248	10.6	10.3	2.0396	0	-0.0016	2.038	0.1099	0	-0.0035	0.1064
1249	10.7	10.3	2.0395	0	-0.0016	2.038	0.0978	0	-0.0041	0.0937

1250	10.8	10.4	2.0399	0	-0.0017	2.0382	0.0842	0	-0.0049	0.0793
1251	10.7	10.4	2.0401	0	-0.0018	2.0382	0.0749	0	-0.0056	0.0693
1252	10.3	10.5	2.0393	0	-0.0019	2.0374	0.0653	0	-0.0048	0.0606
1253	10.7	10.5	2.0389	0	-0.002	2.0369	0.0603	0	-0.0041	0.0562
1254	10.7	10.5	2.0383	0	-0.0017	2.0366	0.0676	0	-0.005	0.0627
1255	10.9	10.5	2.0378	0	-0.0018	2.0359	0.0672	0	-0.005	0.0622
1256	10.8	10.5	2.0372	0	-0.0018	2.0354	0.0643	0	-0.0031	0.0612
1257	10.8	10.5	2.037	0	-0.0017	2.0352	0.0651	0	-0.002	0.0631
1258	10.7	10.5	2.0369	0	-0.0017	2.0352	0.0721	0	-0.002	0.0701
1259	10.6	10.5	2.0368	0	-0.0018	2.0351	0.0735	0	-0.0037	0.0699
1260	10.7	10.4	2.0372	0	-0.0017	2.0354	0.0775	0	-0.0061	0.0714
1261	10.4	10.4	2.0385	0	-0.0019	2.0366	0.0755	0	-0.0078	0.0678
1262	10.2	10.4	2.0386	0	-0.0018	2.0368	0.077	0	-0.0089	0.0681
1263	9.71	10.4	2.0379	0	-0.0017	2.0361	0.0776	0	-0.0083	0.0693
1264	9.98	10.4	2.0367	0	-0.0017	2.035	0.0811	0	-0.0062	0.0749
1265	10.2	10.3	2.0359	0	-0.0017	2.0342	0.0805	0	-0.0046	0.0759
1266	10.1	10.3	2.0353	0	-0.0015	2.0338	0.0794	0	-0.0057	0.0737
1267	10.3	10.3	2.0349	0	-0.0014	2.0335	0.0839	0	-0.0058	0.0781
1268	10.2	10.2	2.0351	0	-0.0015	2.0336	0.0841	0	-0.0051	0.079
1269	10.4	10.2	2.0355	0	-0.0017	2.0339	0.0849	0	-0.0036	0.0813
1270	10.4	10.2	2.0368	0	-0.0015	2.0353	0.085	0	-0.0025	0.0825
1271	10.1	10.2	2.0374	0	-0.0013	2.0361	0.0847	0	-0.002	0.0827
1272	10	10.2	2.0375	0	-0.0012	2.0363	0.0863	0	-0.0016	0.0847
1273	10.2	10.3	2.0377	0	-0.0013	2.0364	0.089	0	-0.001	0.088
1274	9.82	10.3	2.038	0	-0.0015	2.0365	0.089	0	-0.001	0.088
1275	10.9	10.3	2.0378	0	-0.0014	2.0364	0.0915	0	-0.001	0.0905
1276	10.4	10.3	2.0372	0	-0.0015	2.0358	0.0966	0	-0.0009	0.0957
1277	10	10.3	2.0365	0	-0.0016	2.0349	0.0948	0	-0.0024	0.0924
1278	10.3	10.3	2.036	0	-0.0017	2.0344	0.0903	0	-0.004	0.0863
1279	10.7	10.3	2.0362	0	-0.0016	2.0346	0.0867	0	-0.005	0.0817
1280	10.5	10.3	2.0369	0	-0.0015	2.0355	0.0782	0	-0.0049	0.0733
1281	10.2	10.3	2.0372	0	-0.0013	2.0359	0.074	0	-0.0047	0.0693
1282	10.5	10.4	2.038	0	-0.0013	2.0367	0.0663	0	-0.0077	0.0586
1283	10.3	10.4	2.0391	0	-0.0013	2.0378	0.0629	0	-0.0071	0.0559
1284	9.95	10.4	2.0399	0	-0.0014	2.0385	0.0675	0	-0.0046	0.0629
1285	9.93	10.3	2.0406	0	-0.0014	2.0392	0.0762	0	-0.0024	0.0738
1286	10.4	10.3	2.0411	0	-0.0012	2.0399	0.0826	0	-0.001	0.0816

1287	10.7	10.3	2.0416	0	-0.0013	2.0403	0.0856	0	-0.001	0.0846
1288	10.5	10.2	2.0421	0	-0.0012	2.0409	0.0811	0	-0.0009	0.0801
1289	10.8	10.2	2.0423	0	-0.0011	2.0412	0.0796	0	0.0022	0.0818
1290	10.2	10.1	2.0425	0	-0.0011	2.0414	0.0817	0	0.0038	0.0855
1291	10.5	10.1	2.0424	0	-0.0011	2.0413	0.0823	0	0.0021	0.0844
1292	10.4	10.1	2.0421	0	-0.0011	2.041	0.087	0	-0.0008	0.0862
1293	9.92	10.1	2.0419	0	-0.0011	2.0408	0.0912	0	-0.0026	0.0887
1294	9.7	10.1	2.0421	0	-0.0011	2.041	0.0993	0	-0.0053	0.0941
1295	9.36	10.1	2.0424	0	-0.0011	2.0413	0.1007	0	-0.0063	0.0944
1296	10.3	10.1	2.0425	0	-0.0011	2.0414	0.1065	0	-0.0044	0.1022
1297	9.6	10.1	2.0428	0	-0.0009	2.0419	0.1117	0	-0.0035	0.1082
1298	9.63	10.1	2.0429	0	-0.0008	2.0421	0.1041	0	-0.0006	0.1036
1299	9.95	10.1	2.043	0	-0.0007	2.0423	0.0957	0	0.003	0.0987
1300	10.1	10	2.0431	0	-0.0007	2.0424	0.09	0	0.0035	0.0934
1301	9.98	10	2.0431	0	-0.0008	2.0423	0.085	0	0.0022	0.0872
1302	9.96	10	2.0429	0	-0.0009	2.042	0.0815	0	-0.001	0.0805
1303	10.4	10	2.0417	0	-0.0008	2.0409	0.0697	0	-0.0029	0.0668
1304	10.4	10.1	2.0416	0	-0.0008	2.0408	0.0603	0	-0.0052	0.0551
1305	10.3	10.2	2.0417	0	-0.0009	2.0407	0.0486	0	-0.0048	0.0437
1306	10.1	10.2	2.0417	0	-0.001	2.0407	0.0386	0	-0.0078	0.0308
1307	10.2	10.2	2.0415	0	-0.001	2.0405	0.0309	0	-0.0084	0.0225
1308	10.3	10.2	2.0411	0	-0.001	2.0401	0.0259	0	-0.007	0.0189
1309	9.85	10.2	2.0407	0	-0.0009	2.0399	0.0198	0	-0.0067	0.0131
1310	10	10.2	2.0405	0	-0.0008	2.0397	0.0144	0	-0.0078	0.0067
1311	10.2	10.2	2.0395	0	-0.0009	2.0387	0.0145	0	-0.0065	0.008
1312	10.6	10.3	2.039	0	-0.0011	2.0379	0.0248	0	-0.0079	0.0169
1313	10.6	10.2	2.0386	0	-0.0013	2.0373	0.0244	0	-0.0059	0.0186
1314	10.5	10.2	2.0386	0	-0.0014	2.0372	0.0166	0	-0.0033	0.0133
1315	10.5	10.2	2.0389	0	-0.0013	2.0376	0.0048	0	-0.003	0.0018
1316	9.9	10.1	2.0389	0	-0.0015	2.0374	-0.0074	0	-0.0025	-0.0099
1317	9.69	10.1	2.0388	0	-0.0017	2.0371	-0.0206	0	-0.0022	-0.0228
1318	10.3	10.1	2.0385	0	-0.0017	2.0368	-0.0269	0	0.0014	-0.0255
1319	10.2	10.1	2.0377	0	-0.0016	2.0361	-0.0267	0	0.0019	-0.0248
1320	10.4	10.1	2.0371	0	-0.0016	2.0355	-0.0251	0	0	-0.0252
1321	10.5	10.1	2.0368	0	-0.0017	2.0352	-0.0162	0	0.001	-0.0152
1322	9.89	10	2.037	0	-0.0018	2.0351	-0.0138	0	0.0022	-0.0117
1323	9.68	10	2.0372	0	-0.0019	2.0353	-0.0134	0	0.0039	-0.0096

1324	9.85	9.99	2.0369	0	-0.0019	2.035	-0.0141	0	0.0018	-0.0124
1325	9.39	9.97	2.0366	0	-0.0018	2.0348	-0.0098	0	0.0009	-0.009
1326	9.5	9.95	2.0366	0	-0.0018	2.0348	-0.0117	0	0.0038	-0.0078
1327	9.79	9.96	2.0369	0	-0.0018	2.0351	-0.0192	0	0.0055	-0.0137
1328	9.8	9.95	2.0373	0	-0.0017	2.0356	-0.0266	0	0.0073	-0.0193
1329	9.77	9.93	2.0381	0	-0.0017	2.0364	-0.0331	0	0.0093	-0.0237
1330	10.3	9.89	2.0377	0	-0.0018	2.0359	-0.0328	0	0.0084	-0.0244
1331	9.97	9.84	2.0379	0	-0.0017	2.0361	-0.0166	0	0.0069	-0.0097
1332	10.1	9.85	2.038	0	-0.0017	2.0363	-0.0097	0	0.0073	-0.0024
1333	10.3	9.83	2.0376	0	-0.0017	2.0359	0.0034	0	0.0065	0.0098
1334	10	9.87	2.0368	0	-0.0017	2.0351	0.0213	0	0.0064	0.0277
1335	9.53	9.93	2.0361	0	-0.0018	2.0343	0.0331	0	0.0062	0.0393
1336	9.95	9.98	2.0354	0	-0.0018	2.0336	0.035	0	0.0071	0.042
1337	10.1	10	2.0351	0	-0.0017	2.0334	0.0354	0	0.0078	0.0432
1338	9.86	10	2.0344	0	-0.0017	2.0327	0.0464	0	0.0071	0.0535
1339	9.6	10.1	2.0336	0	-0.0017	2.0319	0.0585	0	0.008	0.0664
1340	9.69	10.1	2.0326	0	-0.0017	2.0309	0.0616	0	0.0076	0.0692
1341	9.98	10.1	2.0314	0	-0.0016	2.0298	0.0582	0	0.007	0.0652
1342	9.37	10.1	2.0312	0	-0.0017	2.0295	0.0509	0	0.0063	0.0572
1343	10.6	10.1	2.0308	0	-0.0016	2.0292	0.043	0	0.0048	0.0477
1344	10.5	10.1	2.0309	0	-0.0015	2.0294	0.0419	0	0.0037	0.0456
1345	10.4	10.1	2.0304	0	-0.0016	2.0289	0.0465	0	0.0012	0.0477
1346	10.2	10.1	2.0299	0	-0.0017	2.0283	0.0524	0	-0.0006	0.0518
1347	10.2	10.1	2.0298	0	-0.0018	2.028	0.0551	0	-0.001	0.0541
1348	10.4	10.2	2.03	0	-0.0019	2.0281	0.0611	0	0.0005	0.0617
1349	10.5	10.2	2.0305	0	-0.0019	2.0286	0.066	0	0.0014	0.0674
1350	10.2	10.2	2.0314	0	-0.0019	2.0295	0.0701	0	0.0017	0.0719
1351	10.2	10.2	2.0319	0	-0.0017	2.0302	0.0719	0	0.0035	0.0755
1352	10	10.2	2.0324	0	-0.0016	2.0307	0.0718	0	0.0028	0.0745
1353	9.92	10.2	2.0329	0	-0.0015	2.0314	0.0717	0	0.0021	0.0738
1354	10.1	10.1	2.0334	0	-0.0013	2.0322	0.0609	0	0.0035	0.0644
1355	10.3	10.1	2.0339	0	-0.0011	2.0328	0.0584	0	0.0036	0.062
1356	10.4	10.1	2.0341	0	-0.001	2.0331	0.0572	0	0.0016	0.0588
1357	10.5	10	2.0344	0	-0.001	2.0334	0.0561	0	0.0011	0.0573
1358	9.55	9.98	2.0349	0	-0.001	2.0339	0.0553	0	0.0016	0.0569
1359	9.66	9.94	2.0354	0	-0.001	2.0344	0.0538	0	0.0008	0.0546
1360	10.3	9.93	2.0357	0	-0.0011	2.0346	0.0589	0	0.0016	0.0605

1361	9.94	9.94	2.036	0	-0.0011	2.0349	0.065	0	0.002	0.067
1362	9.64	9.97	2.0361	0	-0.0012	2.0349	0.0638	0	0.0014	0.0653
1363	10	9.97	2.0362	0	-0.0014	2.0348	0.0688	0	0.0002	0.069
1364	10	9.97	2.0363	0	-0.0014	2.0349	0.0658	0	-0.0001	0.0658
1365	9.23	9.96	2.0366	0	-0.0014	2.0352	0.0584	0	0.0003	0.0587
1366	9.48	9.95	2.0374	0	-0.0013	2.0361	0.0538	0	-0.0002	0.0536
1367	9.58	9.94	2.0376	0	-0.0016	2.0361	0.0513	0	-0.0015	0.0498
1368	9.77	9.97	2.0378	0	-0.0017	2.0361	0.0543	0	-0.0028	0.0516
1369	10.1	10	2.038	0	-0.0017	2.0364	0.0576	0	-0.003	0.0546
1370	10.3	10	2.0384	0	-0.0016	2.0369	0.0518	0	-0.002	0.0498
1371	10.6	10	2.0388	0	-0.0015	2.0373	0.041	0	-0.0001	0.0409
1372	9.88	10	2.0389	0	-0.0016	2.0373	0.0439	0	-0.0016	0.0423
1373	10	10	2.0391	0	-0.0015	2.0377	0.0448	0	-0.004	0.0408
1374	10.2	10	2.039	0	-0.0016	2.0374	0.0469	0	-0.005	0.0419
1375	10.3	10.1	2.039	0	-0.0018	2.0372	0.0457	0	-0.0045	0.0412
1376	10.2	10.1	2.0392	0	-0.002	2.0371	0.0502	0	-0.0037	0.0465
1377	10.2	10.1	2.0391	0	-0.0024	2.0368	0.0599	0	-0.0037	0.0562
1378	10.4	10.1	2.0393	0	-0.0026	2.0367	0.0615	0	-0.0016	0.0599
1379	10.2	10.2	2.0395	0	-0.0024	2.0371	0.0629	0	-0.0026	0.0602
1380	10	10.1	2.0386	0	-0.0022	2.0364	0.0684	0	-0.0043	0.0641
1381	9.92	10.1	2.0382	0	-0.002	2.0362	0.0656	0	-0.0068	0.0588
1382	10.2	10.1	2.0376	0	-0.0019	2.0357	0.0669	0	-0.007	0.06
1383	10.2	10.1	2.0369	0	-0.0019	2.035	0.0651	0	-0.0058	0.0593
1384	9.79	10	2.0366	0	-0.002	2.0346	0.0701	0	-0.004	0.066
1385	10.1	9.96	2.0371	0	-0.0021	2.035	0.0652	0	-0.0051	0.0601
1386	10.2	9.92	2.0376	0	-0.002	2.0356	0.0589	0	-0.0067	0.0522
1387	9.86	9.91	2.037	0	-0.002	2.035	0.049	0	-0.0082	0.0408
1388	10.3	9.88	2.0362	0	-0.002	2.0342	0.0456	0	-0.0077	0.0379
1389	10.2	9.86	2.0362	0	-0.0019	2.0343	0.0407	0	-0.007	0.0337
1390	9.84	9.85	2.0366	0	-0.0018	2.0348	0.032	0	-0.0063	0.0257
1391	9.48	9.85	2.0373	0	-0.0017	2.0356	0.0184	0	-0.0036	0.0148
1392	9.39	9.82	2.0378	0	-0.0016	2.0362	0.0016	0	-0.0022	-0.0006
1393	9.45	9.79	2.0377	0	-0.0015	2.0362	-0.0079	0	-0.0021	-0.01
1394	9.22	9.78	2.0374	0	-0.0012	2.0362	-0.0111	0	0.001	-0.0101
1395	9.48	9.78	2.0372	0	-0.001	2.0361	-0.0102	0	0.0039	-0.0063
1396	9.91	9.77	2.037	0	-0.001	2.036	-0.0132	0	0.0044	-0.0089
1397	9.98	9.75	2.0367	0	-0.001	2.0357	-0.0146	0	0.0029	-0.0117

1398	9.74	9.72	2.0363	0	-0.001	2.0353	-0.0107	0	0.0007	-0.01
1399	9.82	9.72	2.036	0	-0.0009	2.0351	-0.006	0	0.0021	-0.0039
1400	9.96	9.74	2.0359	0	-0.0011	2.0348	-0.0045	0	0.0029	-0.0016
1401	9.7	9.8	2.0359	0	-0.0011	2.0348	0.0055	0	0.0014	0.0069
1402	9.52	9.88	2.0357	0	-0.0011	2.0346	0.0079	0	0.0014	0.0093
1403	9.74	9.94	2.0357	0	-0.0012	2.0345	0.0157	0	0.0017	0.0174
1404	10	10	2.0358	0	-0.0012	2.0346	0.0309	0	0.0025	0.0334
1405	9.97	10	2.036	0	-0.0011	2.0349	0.0454	0	0.0027	0.0481
1406	9.52	10	2.0361	0	-0.0011	2.035	0.0499	0	0.0022	0.052
1407	9.65	10	2.036	0	-0.0012	2.0348	0.0506	0	0.0012	0.0518
1408	10.2	10.1	2.0358	0	-0.0011	2.0346	0.0481	0	0.001	0.0491
1409	10.3	10.1	2.0349	0	-0.001	2.0338	0.0524	0	-0.0002	0.0522
1410	10.6	10.1	2.034	0	-0.001	2.033	0.0564	0	-0.0018	0.0545
1411	10.9	10.1	2.0332	0	-0.001	2.0321	0.0586	0	-0.0032	0.0554
1412	10.7	10.2	2.0322	0	-0.0011	2.031	0.0653	0	-0.0018	0.0635
1413	10.5	10.2	2.032	0	-0.0013	2.0307	0.0627	0	-0.0014	0.0613
1414	9.99	10.2	2.0328	0	-0.0014	2.0314	0.0532	0	-0.003	0.0502
1415	9.96	10.2	2.0335	0	-0.0013	2.0322	0.0476	0	-0.0017	0.0459
1416	9.93	10.2	2.0338	0	-0.0014	2.0324	0.0459	0	-0.0021	0.0438
1417	10.2	10.2	2.0334	0	-0.0014	2.032	0.0532	0	-0.0021	0.051
1418	10.5	10.2	2.0327	0	-0.0014	2.0313	0.0612	0	-0.0043	0.0569
1419	10.3	10.2	2.0325	0	-0.0014	2.0311	0.0694	0	-0.0055	0.0638
1420	10.1	10.2	2.033	0	-0.0016	2.0314	0.0814	0	-0.0087	0.0727
1421	10.1	10.2	2.0324	0	-0.0015	2.0309	0.0907	0	-0.0079	0.0828
1422	10	10.1	2.0325	0	-0.0014	2.0311	0.0942	0	-0.0078	0.0865
1423	9.97	10.1	2.0325	0	-0.0014	2.0311	0.0949	0	-0.0089	0.086
1424	9.74	10.1	2.0323	0	-0.0015	2.0308	0.0919	0	-0.0067	0.0853
1425	9.81	10.1	2.0316	0	-0.0015	2.0301	0.0819	0	-0.007	0.0749
1426	10.3	10.1	2.0306	0	-0.0014	2.0292	0.0775	0	-0.0101	0.0674
1427	10.3	10.1	2.0307	0	-0.0016	2.0291	0.0777	0	-0.0133	0.0644
1428	10.3	10.1	2.031	0	-0.0014	2.0296	0.0791	0	-0.0166	0.0626
1429	10.1	10.1	2.0312	0	-0.0013	2.03	0.0811	0	-0.0181	0.063
1430	10.2	10.1	2.0312	0	-0.0011	2.0301	0.0841	0	-0.0161	0.068
1431	10.5	10.1	2.0312	0	-0.001	2.0301	0.0796	0	-0.014	0.0656
1432	10.3	10.1	2.0315	0	-0.0011	2.0304	0.0794	0	-0.0133	0.0661
1433	9.79	10.1	2.0306	0	-0.0013	2.0293	0.0726	0	-0.0126	0.06
1434	10.3	10.1	2.0303	0	-0.0012	2.029	0.0674	0	-0.0134	0.054

1435	10.1	10.1	2.0302	0	-0.0011	2.0291	0.0694	0	-0.0108	0.0586
1436	9.83	10.1	2.0305	0	-0.001	2.0295	0.0734	0	-0.0116	0.0619
1437	9.7	10.1	2.0305	0	-0.0009	2.0296	0.0716	0	-0.0105	0.0611
1438	9.72	10.1	2.0303	0	-0.001	2.0293	0.0599	0	-0.01	0.0499
1439	10	10.2	2.0304	0	-0.0011	2.0293	0.0507	0	-0.0104	0.0403
1440	10.7	10.2	2.0308	0	-0.0013	2.0295	0.0439	0	-0.0107	0.0331
1441	9.84	10.2	2.0313	0	-0.0014	2.0299	0.0485	0	-0.01	0.0385
1442	9.91	10.2	2.032	0	-0.0015	2.0305	0.0614	0	-0.0093	0.0522
1443	10.5	10.3	2.032	0	-0.0017	2.0302	0.0743	0	-0.0073	0.0671
1444	10.1	10.3	2.0319	0	-0.0019	2.03	0.0804	0	-0.0048	0.0755
1445	9.85	10.3	2.0318	0	-0.002	2.0298	0.0815	0	0.0002	0.0818
1446	10.3	10.3	2.0314	0	-0.0019	2.0295	0.074	0	0.0053	0.0793
1447	10.7	10.3	2.0308	0	-0.0019	2.029	0.0703	0	0.006	0.0763
1448	10.9	10.4	2.0306	0	-0.0021	2.0285	0.0682	0	0.0054	0.0736
1449	10.5	10.3	2.031	0	-0.0022	2.0288	0.0615	0	0.0048	0.0663
1450	10.6	10.3	2.0308	0	-0.002	2.0288	0.0556	0	0.0041	0.0597
1451	10.9	10.3	2.0311	0	-0.0019	2.0292	0.0571	0	0.0009	0.0581
1452	10.8	10.3	2.0308	0	-0.0018	2.029	0.0619	0	0	0.062
1453	10.3	10.3	2.0298	0	-0.0017	2.0281	0.0616	0	0.0008	0.0624
1454	10.1	10.3	2.0289	0	-0.0015	2.0274	0.0596	0	0.0018	0.0614
1455	10.6	10.3	2.0289	0	-0.0013	2.0276	0.0608	0	0.0029	0.0637
1456	10.2	10.3	2.0291	0	-0.0011	2.028	0.0642	0	0.0036	0.0679
1457	10.1	10.3	2.0296	0	-0.0011	2.0285	0.0679	0	0.0024	0.0703
1458	9.57	10.3	2.0296	0	-0.001	2.0287	0.0707	0	0.0001	0.0709
1459	9.51	10.3	2.0298	0	-0.0008	2.029	0.0641	0	0.0026	0.0667
1460	10	10.3	2.0299	0	-0.0007	2.0291	0.0499	0	0.0028	0.0527
1461	10.3	10.3	2.0294	0	-0.0009	2.0285	0.0354	0	0.0036	0.039
1462	9.66	10.2	2.0299	0	-0.0011	2.0288	0.0241	0	0.0037	0.0278
1463	10.4	10.2	2.0309	0	-0.0011	2.0298	0.0124	0	0.0023	0.0147
1464	10.1	10.2	2.0315	0	-0.0012	2.0303	0.0075	0	0.0001	0.0077
1465	10.1	10.2	2.032	0	-0.0012	2.0308	0.0103	0	0.0002	0.0105
1466	10.4	10.2	2.0321	0	-0.0011	2.031	0.0145	0	0.0036	0.0181
1467	10.7	10.2	2.0315	0	-0.0011	2.0304	0.0127	0	0.0042	0.0168
1468	10.7	10.2	2.0309	0	-0.0011	2.0297	0.0078	0	0.0047	0.0124
1469	10.7	10.3	2.0299	0	-0.0008	2.0291	0.0075	0	0.0061	0.0136
1470	10.7	10.3	2.0294	0	-0.0008	2.0286	0.0127	0	0.0062	0.0189
1471	10.2	10.3	2.0294	0	-0.0007	2.0286	0.0213	0	0.0035	0.0249

1472	10.1	10.3	2.0294	0	-0.0007	2.0287	0.0189	0	0.0029	0.0218
1473	10.2	10.3	2.0299	0	-0.0008	2.0291	0.0219	0	0.0038	0.0257
1474	10.2	10.3	2.0308	0	-0.0009	2.0299	0.0247	0	0.004	0.0287
1475	9.89	10.3	2.0312	0	-0.0008	2.0304	0.0253	0	0.0043	0.0295
1476	10.1	10.3	2.0314	0	-0.0007	2.0307	0.0194	0	0.005	0.0244
1477	10.3	10.3	2.0312	0	-0.0007	2.0305	0.0096	0	0.0051	0.0148
1478	10.1	10.3	2.0312	0	-0.0008	2.0304	0.0096	0	0.0026	0.0122
1479	10.2	10.2	2.0311	0	-0.0008	2.0303	0.0141	0	0.0034	0.0174
1480	10.2	10.2	2.0306	0	-0.0008	2.0299	0.0199	0	0.0038	0.0237
1481	10.2	10.2	2.0303	0	-0.0007	2.0296	0.0176	0	0.0029	0.0205
1482	10.5	10.2	2.0304	0	-0.0007	2.0297	0.0141	0	0.002	0.0162
1483	10.1	10.2	2.0302	0	-0.0006	2.0296	0.0117	0	0.0001	0.0118
1484	9.89	10.2	2.0297	0	-0.0009	2.0287	-0.0013	0	-0.0025	-0.0038
1485	10.2	10.2	2.0297	0	-0.0009	2.0288	-0.0057	0	-0.0029	-0.0086
1486	10.7	10.2	2.0304	0	-0.001	2.0295	-0.0043	0	-0.003	-0.0074
1487	10.6	10.2	2.031	0	-0.001	2.03	0.001	0	-0.0009	0.0001
1488	10	10.2	2.0312	0	-0.001	2.0302	0.0002	0	-0.0014	-0.0012
1489	10.3	10.2	2.0318	0	-0.0008	2.031	-0.002	0	-0.0043	-0.0063
1490	10.2	10.1	2.0318	0	-0.0008	2.031	0.0001	0	-0.0063	-0.0062
1491	10.4	10.2	2.0311	0	-0.0008	2.0303	0.0025	0	-0.0078	-0.0053
1492	10.3	10.1	2.0303	0	-0.0009	2.0295	0.0033	0	-0.0067	-0.0034
1493	10.1	10.1	2.0296	0	-0.001	2.0286	0.0057	0	-0.0069	-0.0011
1494	9.89	10.1	2.0293	0	-0.0012	2.028	0.0047	0	-0.0092	-0.0045
1495	9.59	10.1	2.0298	0	-0.0016	2.0282	0.007	0	-0.0112	-0.0041
1496	9.94	10.1	2.03	0	-0.0016	2.0284	0.0073	0	-0.0126	-0.0053
1497	9.98	10.1	2.0299	0	-0.0015	2.0283	0.0035	0	-0.0128	-0.0093
1498	9.79	10.1	2.0301	0	-0.0015	2.0287	-0.0033	0	-0.0135	-0.0168
1499	9.98	10.1	2.0304	0	-0.0013	2.0291	-0.0078	0	-0.0191	-0.0268
1500	10.6	10.1	2.0302	0	-0.0012	2.029	-0.0044	0	-0.0199	-0.0243
1501	10.2	10	2.0297	0	-0.0011	2.0286	-0.0007	0	-0.0176	-0.0183
1502	9.98	9.98	2.0295	0	-0.0012	2.0284	0.0079	0	-0.0177	-0.0098
1503	10	9.95	2.0297	0	-0.0013	2.0284	0.0075	0	-0.0175	-0.01
1504	9.95	9.94	2.0297	0	-0.0014	2.0283	-0.0029	0	-0.0163	-0.0192
1505	9.98	9.96	2.0295	0	-0.0015	2.0281	-0.0138	0	-0.0143	-0.028
1506	10.2	9.99	2.0293	0	-0.0014	2.0279	-0.0171	0	-0.0116	-0.0287
1507	10.3	9.98	2.0289	0	-0.0012	2.0277	-0.0181	0	-0.0082	-0.0263
1508	10.3	9.95	2.0294	0	-0.0014	2.028	-0.0126	0	-0.008	-0.0206

1509	10	9.91	2.0299	0	-0.0013	2.0285	-0.0086	0	-0.0083	-0.0169
1510	9.63	9.87	2.0304	0	-0.0014	2.0291	-0.0057	0	-0.0072	-0.0129
1511	9.46	9.88	2.0307	0	-0.0014	2.0293	-0.0069	0	-0.0046	-0.0115
1512	9.51	9.9	2.0309	0	-0.0014	2.0296	-0.0112	0	-0.0042	-0.0154
1513	9.63	9.89	2.0313	0	-0.0013	2.03	-0.0014	0	-0.0055	-0.0069
1514	9.94	9.91	2.0317	0	-0.0014	2.0303	0.012	0	-0.004	0.008
1515	10.4	9.93	2.0321	0	-0.0017	2.0304	0.0218	0	-0.0053	0.0164
1516	9.81	9.94	2.0325	0	-0.0018	2.0307	0.036	0	-0.0033	0.0327
1517	9.25	9.92	2.0326	0	-0.0019	2.0307	0.0433	0	-0.0013	0.042
1518	9.32	9.86	2.032	0	-0.002	2.03	0.0389	0	0.001	0.0399
1519	9.77	9.82	2.0313	0	-0.0021	2.0292	0.0329	0	0.0017	0.0345
1520	10.2	9.81	2.0308	0	-0.0019	2.0289	0.0253	0	0.004	0.0293
1521	10.4	9.8	2.0306	0	-0.0018	2.0288	0.0225	0	0.0042	0.0266
1522	9.9	9.8	2.0303	0	-0.0018	2.0285	0.03	0	0.0056	0.0356
1523	10.3	9.83	2.03	0	-0.0018	2.0282	0.0346	0	0.0042	0.0387
1524	10.3	9.83	2.0298	0	-0.0019	2.0279	0.0403	0	0.0031	0.0434
1525	10.3	9.78	2.0296	0	-0.002	2.0277	0.05	0	0.0003	0.0503
1526	9.86	9.74	2.0297	0	-0.0019	2.0277	0.0564	0	0.0018	0.0581
1527	9.22	9.74	2.0297	0	-0.0019	2.0279	0.0622	0	0.0028	0.065
1528	9.16	9.75	2.0296	0	-0.0018	2.0279	0.0677	0	-0.0001	0.0676
1529	9.6	9.72	2.0292	0	-0.0017	2.0276	0.0744	0	-0.0038	0.0706
1530	9.28	9.67	2.0294	0	-0.0014	2.028	0.0766	0	-0.0049	0.0717
1531	9.51	9.63	2.0297	0	-0.0012	2.0285	0.0813	0	-0.0046	0.0767
1532	10	9.61	2.0303	0	-0.0011	2.0292	0.077	0	-0.0034	0.0736
1533	9.97	9.58	2.0308	0	-0.001	2.0297	0.0757	0	-0.0038	0.0719
1534	9.48	9.56	2.0308	0	-0.0009	2.0299	0.0765	0	-0.0043	0.0722
1535	9.16	9.52	2.0306	0	-0.0008	2.0298	0.0805	0	-0.0082	0.0722
1536	9.19	9.51	2.0304	0	-0.0009	2.0295	0.0858	0	-0.0065	0.0793
1537	9.57	9.54	2.0305	0	-0.0008	2.0297	0.0882	0	-0.0058	0.0824
1538	9.05	9.58	2.0305	0	-0.0006	2.0299	0.0838	0	-0.0041	0.0797
1539	9.4	9.63	2.0304	0	-0.0004	2.0299	0.0796	0	-0.0026	0.077
1540	9.62	9.68	2.0305	0	-0.0005	2.03	0.0846	0	-0.0014	0.0832
1541	9.49	9.69	2.031	0	-0.0007	2.0302	0.0826	0	-0.0031	0.0795
1542	9.67	9.68	2.0314	0	-0.0008	2.0306	0.0722	0	-0.006	0.0662
1543	10.1	9.7	2.0315	0	-0.0008	2.0307	0.0624	0	-0.0065	0.056
1544	9.47	9.75	2.0312	0	-0.0008	2.0304	0.0553	0	-0.007	0.0484
1545	9.71	9.82	2.031	0	-0.0007	2.0303	0.0501	0	-0.0109	0.0392

1546	9.84	9.86	2.031	0	-0.0007	2.0304	0.0516	0	-0.0148	0.0368
1547	9.85	9.91	2.0312	0	-0.0005	2.0307	0.0511	0	-0.015	0.0361
1548	10.6	9.96	2.0314	0	-0.0002	2.0312	0.0497	0	-0.014	0.0358
1549	10.2	9.99	2.0314	0	-0.0002	2.0312	0.0514	0	-0.0122	0.0391
1550	9.69	10	2.0309	0	-0.0003	2.0306	0.0515	0	-0.0099	0.0416
1551	9.92	10	2.0303	0	-0.0001	2.0302	0.05	0	-0.0058	0.0442
1552	10.3	10.1	2.03	0	-0.0001	2.03	0.0468	0	-0.0032	0.0436
1553	10.5	10.1	2.0301	0	-0.0001	2.03	0.0431	0	-0.0046	0.0385
1554	10.4	10.1	2.0303	0	-0.0001	2.0302	0.0446	0	-0.0076	0.037
1555	10	10.1	2.0306	0	-0.0001	2.0305	0.045	0	-0.009	0.036
1556	10.6	10.2	2.0309	0	-0.0003	2.0306	0.0447	0	-0.0075	0.0372
1557	9.92	10.2	2.0308	0	-0.0003	2.0305	0.0423	0	-0.0041	0.0382
1558	9.96	10.2	2.0305	0	-0.0002	2.0304	0.0288	0	-0.0011	0.0277
1559	10.2	10.1	2.0303	0	-0.0001	2.0302	0.028	0	-0.0028	0.0251
1560	10	10.1	2.0305	0	-0.0003	2.0302	0.0365	0	-0.0038	0.0327
1561	9.87	10.1	2.0306	0	-0.0005	2.0301	0.0453	0	-0.0046	0.0407
1562	10.3	10.1	2.03	0	-0.0005	2.0295	0.0486	0	-0.0059	0.0427
1563	10.4	10.1	2.0297	0	-0.0007	2.029	0.0488	0	-0.0067	0.0421
1564	10.2	10.1	2.0293	0	-0.0007	2.0286	0.0508	0	-0.0061	0.0447
1565	10.6	10.1	2.0284	0	-0.0009	2.0276	0.0543	0	-0.0063	0.048
1566	10.2	10.1	2.0277	0	-0.001	2.0268	0.0623	0	-0.0081	0.0542
1567	9.95	10.1	2.0276	0	-0.0012	2.0264	0.0695	0	-0.0088	0.0607
1568	9.81	10.1	2.0276	0	-0.0013	2.0263	0.0699	0	-0.0101	0.0598
1569	9.74	10.1	2.0274	0	-0.0012	2.0262	0.0636	0	-0.0116	0.0519
1570	9.89	10.1	2.0271	0	-0.0012	2.0259	0.0625	0	-0.0101	0.0524
1571	9.92	10.1	2.0264	0	-0.0013	2.0251	0.0658	0	-0.0056	0.0601
1572	9.83	10	2.0259	0	-0.0011	2.0248	0.0603	0	-0.0032	0.0571
1573	10.3	10	2.0259	0	-0.0011	2.0248	0.0618	0	-0.0023	0.0595
1574	10.2	9.99	2.0258	0	-0.0009	2.0249	0.0653	0	-0.0032	0.0622
1575	10.1	9.98	2.0256	0	-0.001	2.0246	0.0657	0	-0.0048	0.0609
1576	10.1	9.97	2.0252	0	-0.001	2.0242	0.0646	0	-0.0054	0.0592
1577	9.99	9.95	2.0245	0	-0.0007	2.0238	0.0665	0	-0.0045	0.062
1578	9.86	9.94	2.0238	0	-0.0004	2.0234	0.0733	0	-0.0036	0.0697
1579	10.1	9.96	2.0234	0	-0.0003	2.0231	0.0722	0	-0.0036	0.0687
1580	9.82	9.97	2.0225	0	-0.0003	2.0222	0.0653	0	-0.0018	0.0636
1581	9.74	9.97	2.0226	0	-0.0004	2.0222	0.063	0	0.0022	0.0652
1582	9.72	9.97	2.0228	0	-0.0003	2.0225	0.0625	0	0.0052	0.0677

1583	9.94	9.96	2.0225	0	-0.0002	2.0224	0.0643	0	0.0063	0.0706
1584	10.4	9.95	2.0216	0	-0.0001	2.0215	0.0637	0	0.0056	0.0693
1585	9.93	9.95	2.0212	0	-0.0003	2.0209	0.0609	0	0.0036	0.0644
1586	9.63	9.95	2.0216	0	-0.0004	2.0213	0.0555	0	0.0028	0.0583
1587	9.62	9.94	2.0226	0	-0.0006	2.022	0.0514	0	0.0013	0.0527
1588	10.1	9.95	2.0232	0	-0.0007	2.0225	0.0533	0	0.0012	0.0545
1589	10.2	9.94	2.0233	0	-0.0007	2.0227	0.054	0	0.0016	0.0556
1590	9.83	9.93	2.0235	0	-0.0005	2.023	0.0528	0	0.0012	0.0541
1591	9.98	9.94	2.0239	0	-0.0002	2.0237	0.0544	0	-0.0004	0.054
1592	10	9.96	2.0241	0	-0.0002	2.0239	0.0605	0	-0.0032	0.0573
1593	10.1	9.99	2.0241	0	-0.0003	2.0238	0.0651	0	-0.0057	0.0594
1594	10.1	9.97	2.0242	0	-0.0002	2.0241	0.0646	0	-0.0047	0.0599
1595	9.96	9.99	2.0246	0	-0.0001	2.0245	0.0623	0	-0.0044	0.0579
1596	9.94	10	2.0249	0	-0.0001	2.0248	0.0604	0	-0.0039	0.0565
1597	10	10.1	2.0249	0	-0.0001	2.0248	0.0544	0	-0.0015	0.0529
1598	9.83	10	2.025	0	-0.0002	2.0248	0.0558	0	0.001	0.0567
1599	9.62	10.1	2.0253	0	-0.0003	2.0249	0.0555	0	0.0015	0.0569
1600	10	10.1	2.0252	0	-0.0006	2.0246	0.0557	0	0.001	0.0567
1601	10.1	10.1	2.025	0	-0.0008	2.0242	0.0535	0	0.0008	0.0543
1602	10.4	10.1	2.0252	0	-0.0007	2.0245	0.0511	0	0.0026	0.0537
1603	10.1	10.1	2.0252	0	-0.0006	2.0247	0.0502	0	0.0022	0.0523
1604	10.3	10	2.0252	0	-0.0006	2.0246	0.0501	0	0.0014	0.0515
1605	10.5	10	2.0251	0	-0.0007	2.0243	0.0542	0	0.0031	0.0573
1606	9.93	10	2.0251	0	-0.0009	2.0241	0.0613	0	0.0038	0.0651
1607	9.63	10.1	2.026	0	-0.0011	2.0249	0.0674	0	0.002	0.0694
1608	10.7	10.1	2.0266	0	-0.0011	2.0255	0.0726	0	0.0013	0.0739
1609	9.95	10.1	2.0262	0	-0.0009	2.0253	0.0731	0	0.0025	0.0756
1610	9.92	10.2	2.0259	0	-0.0009	2.025	0.0749	0	0.003	0.0779
1611	10.2	10.2	2.0259	0	-0.0008	2.0251	0.0801	0	0.0011	0.0812
1612	10.2	10.1	2.0261	0	-0.0007	2.0254	0.0794	0	-0.0009	0.0786
1613	9.41	10.1	2.0262	0	-0.0007	2.0255	0.0732	0	-0.0004	0.0727
1614	9.8	10.1	2.0263	0	-0.0008	2.0255	0.0663	0	0.0006	0.0669
1615	10.2	10	2.0258	0	-0.0009	2.025	0.0722	0	0.0017	0.0739
1616	10.4	10	2.0255	0	-0.0009	2.0246	0.0746	0	-0.0002	0.0745
1617	10.3	10	2.0256	0	-0.0009	2.0248	0.0754	0	-0.0004	0.075
1618	10.1	10	2.0256	0	-0.0008	2.0248	0.0795	0	-0.0016	0.0779
1619	10.7	10	2.025	0	-0.001	2.024	0.0849	0	-0.0033	0.0816

1620	10.2	10	2.0242	0	-0.0014	2.0229	0.0838	0	-0.003	0.0808
1621	9.81	10	2.0245	0	-0.0015	2.023	0.0863	0	-0.0032	0.0831
1622	9.68	9.99	2.0241	0	-0.0016	2.0225	0.0817	0	-0.0058	0.0758
1623	9.77	10	2.0235	0	-0.0015	2.022	0.0797	0	-0.0043	0.0754
1624	9.77	10.1	2.0232	0	-0.0014	2.0218	0.0815	0	-0.0025	0.0789
1625	9.74	10	2.0232	0	-0.0014	2.0217	0.0815	0	0.0008	0.0823
1626	9.92	10	2.023	0	-0.0015	2.0215	0.0759	0	-0.002	0.0739
1627	10	9.98	2.0224	0	-0.0015	2.0209	0.0677	0	-0.0052	0.0625
1628	10.2	9.94	2.0224	0	-0.0014	2.021	0.0569	0	-0.0044	0.0525
1629	10.1	9.88	2.0227	0	-0.0015	2.0212	0.0478	0	-0.0016	0.0462
1630	9.85	9.85	2.0231	0	-0.0016	2.0215	0.0452	0	-0.0001	0.0451
1631	9.83	9.81	2.0235	0	-0.0017	2.0217	0.0362	0	-0.0009	0.0353
1632	10.3	9.77	2.0239	0	-0.0018	2.0221	0.0403	0	-0.0016	0.0386
1633	10.5	9.76	2.0244	0	-0.0016	2.0228	0.0481	0	-0.001	0.0471
1634	9.17	9.76	2.0247	0	-0.0013	2.0235	0.0468	0	0.0007	0.0475
1635	10.2	9.75	2.0251	0	-0.0011	2.024	0.0334	0	0.0018	0.0352
1636	9.74	9.74	2.0253	0	-0.001	2.0242	0.0222	0	0.0002	0.0224
1637	9.42	9.72	2.0252	0	-0.0009	2.0242	0.0227	0	-0.0008	0.022
1638	9.6	9.74	2.0251	0	-0.0007	2.0244	0.0344	0	-0.0036	0.0308
1639	9.59	9.74	2.0251	0	-0.0006	2.0245	0.0399	0	-0.005	0.0349
1640	9.1	9.76	2.0251	0	-0.0005	2.0246	0.0404	0	-0.005	0.0354
1641	8.95	9.78	2.0249	0	-0.0004	2.0245	0.0419	0	-0.0034	0.0385
1642	9.53	9.77	2.0249	0	-0.0002	2.0247	0.0441	0	0.0011	0.0451
1643	9.65	9.73	2.025	0	-0.0003	2.0247	0.0433	0	0.0019	0.0452
1644	9.67	9.76	2.025	0	-0.0004	2.0246	0.04	0	-0.0011	0.0389
1645	9.66	9.72	2.025	0	-0.0004	2.0247	0.0393	0	0.0001	0.0393
1646	9.66	9.73	2.0256	0	-0.0005	2.0251	0.0416	0	0.001	0.0426
1647	10.6	9.77	2.0256	0	-0.0006	2.025	0.0449	0	0.0003	0.0452
1648	9.99	9.81	2.0259	0	-0.0003	2.0255	0.0496	0	-0.0014	0.0482
1649	10.2	9.84	2.0258	0	-0.0003	2.0255	0.0573	0	-0.0021	0.0552
1650	10.3	9.9	2.0256	0	-0.0004	2.0252	0.0643	0	-0.0007	0.0636
1651	10	9.97	2.0252	0	-0.0004	2.0249	0.0625	0	-0.003	0.0594
1652	9.71	10	2.025	0	-0.0003	2.0248	0.0596	0	-0.0048	0.0548
1653	9.71	10	2.0251	0	-0.0002	2.0248	0.0583	0	-0.0032	0.055
1654	9.49	10.1	2.0249	0	-0.0004	2.0244	0.0572	0	-0.0004	0.0568
1655	9.99	10.1	2.0245	0	-0.0005	2.024	0.061	0	0.0007	0.0617
1656	10.2	10.1	2.0242	0	-0.0005	2.0237	0.0637	0	-0.0002	0.0635

1657	10.2	10.1	2.0236	0	-0.0004	2.0231	0.0655	0	-0.0043	0.0612
1658	10.3	10.1	2.0232	0	-0.0004	2.0228	0.0693	0	-0.0075	0.0618
1659	10.3	10	2.0228	0	-0.0004	2.0224	0.0726	0	-0.0086	0.064
1660	10.2	10	2.0225	0	-0.0004	2.0221	0.0699	0	-0.0075	0.0625
1661	10.2	10.1	2.0226	0	-0.0004	2.0222	0.0679	0	-0.0065	0.0614
1662	10.3	10.1	2.0227	0	-0.0005	2.0222	0.0674	0	-0.0041	0.0633
1663	10.4	10.1	2.023	0	-0.0008	2.0223	0.0725	0	-0.003	0.0695
1664	9.91	10.1	2.0221	0	-0.0009	2.0212	0.0741	0	-0.0031	0.071
1665	9.94	10.1	2.021	0	-0.0008	2.0201	0.0778	0	-0.0046	0.0732
1666	9.98	10.1	2.0202	0	-0.0009	2.0193	0.0768	0	-0.0057	0.0711
1667	9.71	10	2.0197	0	-0.0011	2.0186	0.0755	0	-0.006	0.0695
1668	9.67	10	2.0191	0	-0.001	2.0181	0.0758	0	-0.0053	0.0705
1669	10.3	9.99	2.019	0	-0.0009	2.0181	0.0756	0	-0.0044	0.0712
1670	10.5	9.97	2.0185	0	-0.0009	2.0176	0.0709	0	-0.0055	0.0654
1671	9.97	9.96	2.0182	0	-0.0007	2.0175	0.0611	0	-0.0088	0.0523
1672	9.69	9.95	2.018	0	-0.0007	2.0173	0.0609	0	-0.0098	0.0511
1673	9.78	9.93	2.0178	0	-0.0008	2.0169	0.0542	0	-0.0103	0.0439
1674	9.85	9.93	2.0176	0	-0.001	2.0166	0.047	0	-0.0091	0.0378
1675	10	9.94	2.018	0	-0.0008	2.0172	0.0436	0	-0.0091	0.0344
1676	9.89	9.96	2.0184	0	-0.0005	2.0179	0.0406	0	-0.0103	0.0304
1677	9.75	9.96	2.0188	0	-0.0003	2.0185	0.0372	0	-0.011	0.0262
1678	9.74	9.96	2.019	0	-0.0002	2.0187	0.0303	0	-0.0118	0.0185
1679	9.84	9.94	2.0189	0	-0.0003	2.0186	0.0331	0	-0.0111	0.022
1680	10.1	9.92	2.0189	0	-0.0002	2.0187	0.0393	0	-0.0122	0.0271
1681	9.99	9.93	2.0185	0	-0.0002	2.0183	0.045	0	-0.0139	0.0311
1682	9.97	9.95	2.018	0	-0.0002	2.0178	0.0493	0	-0.0143	0.035
1683	10	10	2.0179	0	-0.0002	2.0176	0.055	0	-0.0137	0.0413
1684	10.2	10	2.0183	0	-0.0003	2.018	0.058	0	-0.013	0.045
1685	10.2	10	2.0189	0	-0.0003	2.0186	0.0573	0	-0.0098	0.0475
1686	9.8	10	2.0194	0	-0.0003	2.0191	0.0558	0	-0.0067	0.0491
1687	9.66	10.1	2.0192	0	-0.0002	2.0189	0.0535	0	-0.0046	0.0489
1688	9.85	10.1	2.0192	0	-0.0002	2.019	0.0506	0	-0.0037	0.0469
1689	10.1	10.1	2.0193	0	-0.0002	2.0191	0.0503	0	-0.0026	0.0476
1690	10.2	10.1	2.0194	0	-0.0002	2.0192	0.0515	0	-0.0016	0.0499
1691	10.1	10.1	2.0195	0	-0.0003	2.0192	0.0547	0	-0.0009	0.0539
1692	10.7	10.1	2.0198	0	-0.0004	2.0194	0.0496	0	-0.0009	0.0487
1693	10.2	10.1	2.0201	0	-0.0002	2.0199	0.0468	0	0.0014	0.0482

1694	10.2	10.1	2.0203	0	-0.0002	2.0202	0.0448	0	0.0007	0.0456
1695	10.1	10.1	2.0204	0	-0.0002	2.0202	0.0422	0	0.0019	0.0441
1696	10.3	10.1	2.0204	0	-0.0001	2.0202	0.0421	0	0.0038	0.0459
1697	10.5	10.1	2.0199	0	0	2.0199	0.0482	0	0.0029	0.0511
1698	9.88	10.1	2.0193	0	0	2.0193	0.049	0	0.002	0.051
1699	10.4	10.1	2.0189	0	-0.0003	2.0186	0.0548	0	0.0029	0.0577
1700	9.63	10	2.019	0	-0.0003	2.0187	0.0566	0	0.0037	0.0602
1701	9.69	9.98	2.0191	0	-0.0003	2.0188	0.0546	0	0.0039	0.0585
1702	10.1	9.93	2.0194	0	-0.0004	2.019	0.0517	0	0.005	0.0568
1703	10.2	9.89	2.0195	0	-0.0005	2.019	0.0506	0	0.0073	0.0579
1704	10.1	9.88	2.0191	0	-0.0006	2.0185	0.0451	0	0.0076	0.0526
1705	9.77	9.85	2.0187	0	-0.0007	2.018	0.0434	0	0.0051	0.0484
1706	9.79	9.82	2.0185	0	-0.0005	2.018	0.0421	0	0.0033	0.0454
1707	9.84	9.78	2.0191	0	-0.0003	2.0188	0.0428	0	0.0019	0.0447
1708	9.65	9.77	2.0193	0	-0.0002	2.0191	0.0418	0	0.0013	0.0431
1709	9.38	9.74	2.0192	0	-0.0002	2.019	0.0417	0	0.0015	0.0432
1710	9.33	9.77	2.0191	0	-0.0003	2.0189	0.0371	0	0.003	0.0401
1711	9.67	9.79	2.0192	0	-0.0004	2.0188	0.0314	0	0.003	0.0344
1712	9.4	9.78	2.0188	0	-0.0004	2.0184	0.028	0	0.0037	0.0316
1713	10	9.77	2.0188	0	-0.0004	2.0184	0.028	0	0.003	0.031
1714	9.61	9.76	2.0185	0	-0.0003	2.0182	0.0291	0	0.001	0.0301
1715	9.64	9.76	2.0182	0	-0.0003	2.0179	0.0176	0	-0.0001	0.0175
1716	9.71	9.77	2.018	0	-0.0003	2.0177	0.0059	0	-0.0004	0.0055
1717	9.69	9.79	2.018	0	-0.0003	2.0177	0	0	-0.0011	-0.0011
1718	9.83	9.82	2.0181	0	-0.0004	2.0177	0.0008	0	-0.0018	-0.001
1719	10.1	9.88	2.0179	0	-0.0005	2.0174	-0.0025	0	-0.0035	-0.006
1720	10.1	9.93	2.0181	0	-0.0005	2.0176	0.0007	0	-0.0038	-0.0031
1721	9.97	9.94	2.0184	0	-0.0005	2.0179	-0.0011	0	-0.004	-0.0051
1722	9.98	9.95	2.0187	0	-0.0005	2.0181	-0.0043	0	-0.0016	-0.006
1723	9.99	9.95	2.0188	0	-0.0006	2.0182	-0.0086	0	-0.0005	-0.0092
1724	9.78	9.96	2.0188	0	-0.0005	2.0184	-0.0111	0	-0.0015	-0.0125
1725	9.94	9.95	2.0191	0	-0.0004	2.0187	-0.0106	0	-0.0029	-0.0135
1726	10.2	9.94	2.0193	0	-0.0004	2.0189	-0.0034	0	-0.0024	-0.0058
1727	10.3	9.96	2.0194	0	-0.0003	2.0191	0.0099	0	0.0019	0.0118
1728	10.5	9.98	2.0191	0	-0.0003	2.0188	0.0231	0	0.0044	0.0275
1729	10.3	9.95	2.0188	0	-0.0003	2.0185	0.0297	0	0.0047	0.0345
1730	9.76	9.92	2.0186	0	-0.0002	2.0184	0.03	0	0.0036	0.0335

1731	9.69	9.9	2.0186	0	-0.0003	2.0182	0.0323	0	0.0028	0.0352
1732	10	9.87	2.0184	0	-0.0004	2.018	0.0185	0	0.0021	0.0206
1733	9.72	9.88	2.0186	0	-0.0003	2.0183	0.0075	0	0.0035	0.011
1734	9.54	9.89	2.019	0	-0.0003	2.0187	0.0003	0	0.0019	0.0022
1735	9.44	9.89	2.0195	0	-0.0004	2.0191	-0.002	0	0	-0.002
1736	10.1	9.87	2.0199	0	-0.0006	2.0194	-0.0006	0	0.0004	-0.0002
1737	10.3	9.85	2.0201	0	-0.0006	2.0195	0.0032	0	0.002	0.0052
1738	9.48	9.83	2.0201	0	-0.0005	2.0196	-0.0019	0	0.0028	0.0008
1739	9.5	9.82	2.0199	0	-0.0004	2.0195	-0.0018	0	0.0038	0.0019
1740	9.63	9.84	2.0196	0	-0.0004	2.0192	0.0019	0	0.0027	0.0046
1741	9.42	9.86	2.0199	0	-0.0003	2.0196	0.0049	0	0.0023	0.0072
1742	10.2	9.88	2.0202	0	-0.0004	2.0198	0.006	0	0.0019	0.0079
1743	10	9.92	2.0205	0	-0.0004	2.0201	0.0045	0	0.001	0.0055
1744	9.82	9.98	2.0207	0	-0.0005	2.0202	0.0053	0	0.0023	0.0077
1745	9.92	10	2.0208	0	-0.0007	2.0201	0.0079	0	0.0017	0.0096
1746	9.88	9.98	2.0208	0	-0.0008	2.02	0.0123	0	0.001	0.0133
1747	10.1	9.99	2.0207	0	-0.0008	2.0199	0.0124	0	0.0017	0.0141
1748	10	10	2.0204	0	-0.0006	2.0197	0.006	0	0.0026	0.0086
1749	10.2	10.1	2.0202	0	-0.0007	2.0195	-0.0022	0	0.0009	-0.0013
1750	10.2	10.1	2.0201	0	-0.0007	2.0194	-0.0031	0	-0.0034	-0.0065
1751	10.3	10.1	2.02	0	-0.0009	2.0192	0.0028	0	-0.004	-0.0012
1752	10.5	10.1	2.02	0	-0.001	2.019	0.0039	0	-0.004	-0.0001
1753	10.6	10.1	2.0206	0	-0.001	2.0196	0.0075	0	-0.0051	0.0023
1754	9.84	10.1	2.0205	0	-0.0009	2.0196	0.0087	0	-0.0066	0.0022
1755	9.85	10.1	2.0203	0	-0.0008	2.0195	0.0044	0	-0.0075	-0.0031
1756	10.3	10	2.0199	0	-0.0007	2.0192	0.0002	0	-0.0083	-0.0081
1757	10.3	10	2.0194	0	-0.0006	2.0188	-0.0016	0	-0.0066	-0.0082
1758	9.91	10	2.019	0	-0.0005	2.0185	0.0047	0	-0.0048	-0.0001
1759	10.1	9.98	2.0191	0	-0.0007	2.0184	0.0068	0	-0.0037	0.0031
1760	9.87	9.93	2.0194	0	-0.0007	2.0187	0.006	0	-0.0033	0.0027
1761	10.1	9.91	2.0198	0	-0.0008	2.019	0.005	0	-0.0039	0.0011
1762	9.69	9.9	2.0199	0	-0.0008	2.0191	0.0054	0	-0.0056	-0.0002
1763	9.72	9.88	2.0201	0	-0.0009	2.0193	0.0015	0	-0.0057	-0.0042
1764	9.73	9.91	2.0203	0	-0.0009	2.0195	0.0015	0	-0.0057	-0.0043
1765	9.55	9.96	2.0204	0	-0.0008	2.0196	-0.002	0	-0.005	-0.0069
1766	9.64	9.93	2.0202	0	-0.0008	2.0194	-0.0061	0	-0.0047	-0.0108
1767	9.63	9.9	2.0196	0	-0.0009	2.0187	-0.008	0	-0.0048	-0.0128

1768	9.68	9.92	2.0193	0	-0.0006	2.0187	-0.0077	0	-0.0052	-0.0129
1769	9.35	9.91	2.0189	0	-0.0005	2.0184	-0.0073	0	-0.0062	-0.0135
1770	9.88	9.89	2.0186	0	-0.0005	2.0181	-0.0094	0	-0.0073	-0.0167
1771	10.2	9.88	2.0186	0	-0.0005	2.0181	-0.0068	0	-0.0075	-0.0143
1772	10.3	9.92	2.0188	0	-0.0006	2.0182	-0.0029	0	-0.0076	-0.0105
1773	10.4	9.92	2.0189	0	-0.0007	2.0182	0.0002	0	-0.0083	-0.008
1774	10.8	9.9	2.0187	0	-0.0007	2.018	0.0017	0	-0.0087	-0.0071
1775	9.77	9.88	2.0183	0	-0.0005	2.0178	0.0023	0	-0.0077	-0.0054
1776	9.81	9.87	2.0174	0	-0.0006	2.0168	0.0058	0	-0.0067	-0.0009
1777	10.1	9.86	2.0165	0	-0.0007	2.0158	0.0083	0	-0.0068	0.0015
1778	9.96	9.85	2.016	0	-0.0007	2.0153	0.0097	0	-0.0057	0.004
1779	9.55	9.87	2.0159	0	-0.0007	2.0153	0.0058	0	-0.0056	0.0003
1780	9.99	9.84	2.0157	0	-0.0005	2.0152	0.0013	0	-0.005	-0.0037
1781	10.4	9.78	2.0167	0	-0.0004	2.0163	-0.001	0	-0.0048	-0.0058
1782	9.79	9.74	2.0172	0	-0.0005	2.0167	-0.0016	0	-0.0061	-0.0077
1783	9.28	9.7	2.0178	0	-0.0004	2.0174	-0.0038	0	-0.0072	-0.011
1784	9.24	9.65	2.0185	0	-0.0003	2.0182	-0.0013	0	-0.0061	-0.0074
1785	9.47	9.65	2.019	0	-0.0003	2.0187	0.0051	0	-0.0061	-0.001
1786	9.39	9.62	2.019	0	-0.0005	2.0185	0.0128	0	-0.0082	0.0046
1787	9.5	9.58	2.0194	0	-0.0005	2.0189	0.0194	0	-0.0102	0.0092
1788	9.68	9.57	2.0194	0	-0.0006	2.0188	0.0227	0	-0.0105	0.0122
1789	9.32	9.58	2.0191	0	-0.0004	2.0187	0.0226	0	-0.0093	0.0133
1790	9.21	9.57	2.0189	0	-0.0004	2.0185	0.0209	0	-0.0082	0.0127
1791	9.49	9.56	2.0189	0	-0.0005	2.0184	0.0155	0	-0.0083	0.0072
1792	9.53	9.57	2.0193	0	-0.0005	2.0188	0.0216	0	-0.007	0.0146
1793	9.9	9.59	2.0196	0	-0.0004	2.0192	0.0267	0	-0.0082	0.0186
1794	9.68	9.62	2.0195	0	-0.0003	2.0192	0.0329	0	-0.0088	0.0241
1795	9.33	9.64	2.0192	0	-0.0003	2.0189	0.0371	0	-0.0115	0.0256
1796	9.35	9.7	2.0191	0	-0.0003	2.0188	0.0387	0	-0.0151	0.0235
1797	9.7	9.7	2.0193	0	-0.0003	2.0191	0.0391	0	-0.0167	0.0224
1798	9.78	9.78	2.0195	0	-0.0001	2.0194	0.0383	0	-0.017	0.0213
1799	9.92	9.94	2.0192	0	0.0001	2.0192	0.0327	0	-0.0141	0.0185
1800	10.1	10.1	2.0187	0	0.0001	2.0188	0.0293	0	-0.015	0.0143