

Test Name	CDR, WC, rep 3
Cladding	Cedar Wood
Cladding Thickness [mm]	12
Insulation	Water-cooled steel plate
Insulation Thickness [mm]	
Cavity Width [mm]	50
Repetition Number	3
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 third repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	19.8
Time to Peak HRR [mins]	5.6
Residual HRR [kW]	1.28
Total HR [MJ]	4.79
Peak dQ/dt [kW/s]	0.136
Time to Peak dQ/dt [s]	5.18

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	0.296	0.296	2.9678	0	-0.0005	2.9673	0.9683	0	0.006	0.9743
1	0.317	0.359	2.9672	0	-0.0004	2.9668	0.9676	0	0.0059	0.9735
2	0.465	0.534	2.9672	0	-0.0004	2.9668	0.9685	0	0.0058	0.9742
3	0.651	0.833	2.9672	0	-0.0004	2.9668	0.9764	0	0.0057	0.9821
4	0.94	1.26	2.9673	0	-0.0003	2.967	0.9761	0	0.0056	0.9817
5	1.34	1.89	2.9675	0	-0.0004	2.9671	0.9793	0	0.0041	0.9834
6	1.82	2.61	2.9672	0	-0.0003	2.9668	0.9673	0	0.0048	0.9721
7	2.36	3.27	2.9666	0	-0.0003	2.9662	0.9675	0	0.0042	0.9717
8	3.13	3.83	2.9656	0	-0.0004	2.9652	0.9597	0	0.0044	0.964
9	4.23	4.34	2.9642	0	-0.0003	2.9639	0.945	0	0.0051	0.9501
10	5.29	4.83	2.9627	0	-0.0004	2.9623	0.9431	0	0.0044	0.9475
11	6.32	5.34	2.9609	0	-0.0002	2.9607	0.9503	0	0.0043	0.9546
12	6.77	5.83	2.9598	0	-0.0003	2.9595	0.9484	0	0.0057	0.9541
13	7.51	6.32	2.9577	0	-0.0003	2.9574	0.9284	0	0.0032	0.9316
14	7.67	6.83	2.956	0	-0.0004	2.9556	0.9076	0	0.0033	0.911
15	8.02	7.32	2.9543	0	-0.0005	2.9539	0.8979	0	0.0061	0.904
16	7.96	7.85	2.9541	0	-0.0005	2.9536	0.8844	0	0.0061	0.8904
17	8.48	8.34	2.9538	0	-0.0006	2.9533	0.8699	0	0.006	0.8759
18	8.86	8.8	2.9531	0	-0.0005	2.9526	0.8646	0	0.0059	0.8704
19	9.56	9.21	2.9524	0	-0.0004	2.952	0.8585	0	0.0058	0.8643
20	10	9.57	2.9521	0	-0.0004	2.9517	0.8405	0	0.0049	0.8453
21	9.78	9.9	2.9513	0	-0.0004	2.9509	0.8125	0	0.0035	0.816
22	10.1	10.2	2.9499	0	-0.0004	2.9495	0.7882	0	0.004	0.7922
23	10.6	10.4	2.9484	0	-0.0004	2.948	0.7818	0	0.0055	0.7872
24	10.7	10.7	2.9464	0	-0.0006	2.9458	0.7864	0	0.005	0.7915
25	11.8	10.9	2.945	0	-0.0006	2.9444	0.7777	0	0.0037	0.7814
26	11.8	11.1	2.9431	0	-0.0004	2.9426	0.7719	0	0.0026	0.7745
27	11.8	11.3	2.9424	0	-0.0005	2.9419	0.7731	0	0.0026	0.7758
28	12.1	11.5	2.9421	0	-0.0006	2.9415	0.7893	0	0.0038	0.7931

29	12.1	11.6	2.9423	0	-0.0005	2.9418	0.7995	0	0.0038	0.8033
30	12.4	11.8	2.9427	0	-0.0005	2.9422	0.8071	0	0.0028	0.8098
31	12.5	11.9	2.943	0	-0.0006	2.9424	0.8116	0	0.0007	0.8123
32	12.2	12	2.9428	0	-0.0005	2.9422	0.8112	0	0	0.8112
33	11.9	12.1	2.9415	0	-0.0005	2.941	0.8085	0	0	0.8085
34	11.9	12.2	2.9395	0	-0.0005	2.9389	0.8077	0	-0.0011	0.8066
35	11.7	12.2	2.9377	0	-0.0006	2.9371	0.8053	0	-0.0019	0.8034
36	12	12.3	2.9365	0	-0.0006	2.9359	0.8011	0	-0.0012	0.8
37	12.8	12.3	2.935	0	-0.0005	2.9345	0.8008	0	-0.0009	0.7999
38	12.6	12.4	2.934	0	-0.0004	2.9336	0.7967	0	-0.0002	0.7966
39	12.6	12.4	2.9316	0	-0.0004	2.9312	0.7972	0	-0.001	0.7961
40	11.9	12.5	2.9302	0	-0.0004	2.9298	0.7985	0	0	0.7984
41	12.4	12.6	2.9288	0	-0.0006	2.9283	0.7938	0	0.002	0.7958
42	12.3	12.7	2.9277	0	-0.0005	2.9273	0.7828	0	0.0013	0.7841
43	12.6	12.7	2.9268	0	-0.0005	2.9264	0.7673	0	-0.0006	0.7667
44	12.6	12.8	2.9256	0	-0.0005	2.9251	0.7608	0	0.0004	0.7612
45	12.3	12.8	2.9245	0	-0.0006	2.9238	0.7596	0	0.0011	0.7606
46	12.7	12.9	2.9231	0	-0.0008	2.9223	0.7588	0	0.001	0.7598
47	13.1	12.9	2.9213	0	-0.0008	2.9205	0.7534	0	0.001	0.7544
48	12.9	12.9	2.9204	0	-0.0007	2.9196	0.7472	0	0.0021	0.7493
49	14	12.8	2.9198	0	-0.0008	2.919	0.7456	0	0.004	0.7496
50	14	12.8	2.9188	0	-0.0008	2.918	0.7435	0	0.0038	0.7473
51	14.2	12.8	2.9178	0	-0.0008	2.917	0.7489	0	0.0033	0.7522
52	12.8	12.8	2.9164	0	-0.0008	2.9156	0.7576	0	0.006	0.7636
53	13.4	12.7	2.9155	0	-0.0008	2.9147	0.7773	0	0.0079	0.7852
54	12.7	12.7	2.9143	0	-0.0007	2.9136	0.7861	0	0.0089	0.795
55	12.7	12.7	2.914	0	-0.0008	2.9132	0.7867	0	0.0089	0.7956
56	12.5	12.7	2.913	0	-0.0007	2.9123	0.7876	0	0.0077	0.7953
57	12.6	12.6	2.9125	0	-0.0008	2.9118	0.783	0	0.0068	0.7898
58	12.3	12.6	2.9124	0	-0.0008	2.9116	0.7756	0	0.006	0.7816
59	11.7	12.5	2.9116	0	-0.0008	2.9108	0.7654	0	0.0033	0.7686
60	11.6	12.4	2.9102	0	-0.0008	2.9094	0.7518	0	0.0004	0.7522
61	11.7	12.3	2.9094	0	-0.0009	2.9085	0.7427	0	-0.0013	0.7415
62	12.1	12.3	2.9097	0	-0.0007	2.909	0.7364	0	0.0009	0.7373
63	12.5	12.2	2.9101	0	-0.0007	2.9094	0.7393	0	-0.0002	0.7391
64	12.2	12.2	2.9098	0	-0.0009	2.9089	0.7361	0	-0.0008	0.7353
65	12.8	12.1	2.9098	0	-0.0009	2.9089	0.7292	0	0.0002	0.7294

66	11.8	12.1	2.9099	0	-0.0009	2.909	0.7162	0	0.0002	0.7164
67	11.9	12.1	2.9094	0	-0.0009	2.9085	0.72	0	0.0009	0.7209
68	12.7	12.1	2.9089	0	-0.0009	2.908	0.7208	0	0.0012	0.722
69	12.6	12.1	2.9093	0	-0.0008	2.9085	0.72	0	0.0029	0.7229
70	12.2	12.1	2.9105	0	-0.0007	2.9097	0.7193	0	0.0034	0.7226
71	12	12.1	2.9114	0	-0.0008	2.9106	0.7216	0	0.003	0.7246
72	11.9	12.1	2.9111	0	-0.0009	2.9102	0.7216	0	0.0025	0.7241
73	11.9	12.1	2.91	0	-0.0009	2.9091	0.7153	0	0.002	0.7173
74	11.6	12.1	2.9098	0	-0.0008	2.9091	0.7083	0	0.0023	0.7105
75	12.2	12.1	2.9095	0	-0.0007	2.9088	0.6946	0	0.0017	0.6963
76	12.4	12.1	2.9086	0	-0.0007	2.9079	0.6801	0	0.0009	0.681
77	12.7	12.1	2.9066	0	-0.0008	2.9058	0.6506	0	0.0019	0.6524
78	11.8	12.1	2.905	0	-0.0008	2.9042	0.6337	0	0.0001	0.6338
79	11.6	12.1	2.9036	0	-0.0007	2.9029	0.6277	0	-0.0008	0.6269
80	11.8	12.1	2.9024	0	-0.0006	2.9019	0.6428	0	-0.0003	0.6426
81	11.8	12.1	2.9017	0	-0.0005	2.9012	0.6581	0	0	0.6581
82	12	12.2	2.9011	0	-0.0005	2.9006	0.6707	0	0.0008	0.6715
83	12.2	12.2	2.9003	0	-0.0004	2.8999	0.6725	0	0.0015	0.674
84	12.1	12.3	2.8997	0	-0.0003	2.8994	0.6613	0	0.0025	0.6638
85	12.1	12.4	2.8993	0	-0.0004	2.8989	0.6425	0	0.0026	0.6451
86	12.2	12.4	2.8985	0	-0.0004	2.8981	0.63	0	0.002	0.632
87	12.6	12.4	2.8981	0	-0.0005	2.8976	0.6307	0	0.0016	0.6323
88	12.6	12.5	2.8972	0	-0.0004	2.8968	0.6281	0	0.0009	0.629
89	12.6	12.6	2.8963	0	-0.0005	2.8958	0.621	0	0.001	0.622
90	12.5	12.7	2.8959	0	-0.0007	2.8952	0.6043	0	0.0012	0.6054
91	12.7	12.7	2.8962	0	-0.0006	2.8955	0.6	0	0.003	0.603
92	13.1	12.8	2.8968	0	-0.0004	2.8964	0.5946	0	0.0005	0.5952
93	13.1	12.7	2.8967	0	-0.0005	2.8961	0.5952	0	0.0022	0.5974
94	13.2	12.8	2.896	0	-0.0006	2.8954	0.5998	0	0.0016	0.6014
95	13	12.8	2.8953	0	-0.0006	2.8947	0.5968	0	0.0003	0.5971
96	13	12.8	2.8951	0	-0.0006	2.8945	0.5908	0	-0.0014	0.5894
97	13.4	12.8	2.8949	0	-0.0007	2.8942	0.5753	0	-0.0018	0.5735
98	13.6	12.7	2.8944	0	-0.0009	2.8935	0.548	0	0.0001	0.5481
99	13.4	12.7	2.8938	0	-0.0009	2.8929	0.5288	0	0.0029	0.5317
100	12.6	12.7	2.8929	0	-0.0008	2.8921	0.521	0	0.0037	0.5247
101	12.3	12.6	2.8915	0	-0.001	2.8905	0.5162	0	0.003	0.5192
102	12	12.6	2.8895	0	-0.0012	2.8883	0.51	0	0.0034	0.5133

103	12.4	12.5	2.8886	0	-0.0013	2.8873	0.4952	0	0.006	0.5012
104	12.4	12.5	2.8887	0	-0.0012	2.8874	0.4856	0	0.006	0.4916
105	12.1	12.4	2.8887	0	-0.0011	2.8876	0.4767	0	0.005	0.4817
106	12.2	12.3	2.8889	0	-0.001	2.8879	0.4788	0	0.0043	0.4831
107	12	12.3	2.889	0	-0.0009	2.8881	0.4716	0	0.0032	0.4748
108	12.4	12.2	2.8891	0	-0.0007	2.8884	0.4709	0	0.0018	0.4728
109	12.3	12.1	2.889	0	-0.0004	2.8886	0.48	0	0.0016	0.4816
110	11.6	12	2.8884	0	-0.0002	2.8882	0.4809	0	0.0024	0.4832
111	12	12	2.8872	0	-0.0003	2.8869	0.4726	0	0.0024	0.475
112	12.1	11.9	2.8859	0	-0.0003	2.8856	0.4693	0	0.0015	0.4708
113	11.9	11.9	2.8841	0	-0.0002	2.8838	0.4769	0	0.003	0.4799
114	11.7	11.8	2.8831	0	-0.0004	2.8827	0.4861	0	0.002	0.4881
115	12.1	11.8	2.8827	0	-0.0005	2.8822	0.4917	0	0	0.4917
116	11.7	11.8	2.8821	0	-0.0006	2.8815	0.4988	0	0.0012	0.5
117	11.8	11.8	2.8818	0	-0.0007	2.8811	0.5042	0	0.0033	0.5075
118	11.5	11.8	2.8811	0	-0.0008	2.8803	0.5025	0	0.0043	0.5068
119	12	11.8	2.8805	0	-0.0007	2.8798	0.5035	0	0.003	0.5065
120	11.4	11.9	2.8799	0	-0.0007	2.8792	0.5166	0	0.0036	0.5202
121	11.1	11.9	2.8792	0	-0.0007	2.8785	0.5412	0	0.0045	0.5457
122	11.4	11.9	2.8784	0	-0.0006	2.8778	0.5512	0	0.0041	0.5553
123	11.5	11.9	2.8776	0	-0.0007	2.8769	0.5556	0	0.0044	0.56
124	11.9	12	2.8769	0	-0.0008	2.8762	0.5547	0	0.0053	0.5599
125	12.2	12	2.877	0	-0.0007	2.8763	0.561	0	0.0049	0.5659
126	12.2	12.1	2.878	0	-0.0006	2.8774	0.5633	0	0.0038	0.567
127	11.7	12.1	2.879	0	-0.0005	2.8785	0.5621	0	0.003	0.5651
128	13	12.1	2.8793	0	-0.0005	2.8788	0.5506	0	0.002	0.5526
129	12.1	12.1	2.878	0	-0.0005	2.8775	0.5491	0	0.0036	0.5527
130	12.4	12.2	2.8769	0	-0.0005	2.8764	0.5432	0	0.0048	0.548
131	12.2	12.3	2.8759	0	-0.0006	2.8753	0.5393	0	0.0064	0.5458
132	12.5	12.4	2.8755	0	-0.0007	2.8748	0.5396	0	0.007	0.5466
133	12.8	12.5	2.8754	0	-0.0008	2.8746	0.5427	0	0.0065	0.5492
134	12.9	12.6	2.8752	0	-0.0008	2.8744	0.5541	0	0.006	0.5601
135	12.6	12.7	2.8747	0	-0.0008	2.8739	0.5644	0	0.0066	0.571
136	12.2	12.7	2.8734	0	-0.0007	2.8727	0.5808	0	0.0052	0.586
137	12.2	12.8	2.8722	0	-0.0006	2.8716	0.5916	0	0.0054	0.597
138	12.4	12.8	2.8719	0	-0.0005	2.8714	0.6018	0	0.0052	0.6069
139	12.7	12.8	2.8711	0	-0.0005	2.8706	0.6038	0	0.0055	0.6093

140	12.7	12.9	2.8702	0	-0.0007	2.8695	0.6001	0	0.0037	0.6038
141	12.8	12.9	2.8694	0	-0.0006	2.8688	0.5973	0	0.0013	0.5986
142	13.6	13	2.8682	0	-0.0007	2.8675	0.608	0	0.0028	0.6108
143	13.5	12.9	2.8669	0	-0.0006	2.8662	0.6279	0	0.0029	0.6309
144	14	13	2.866	0	-0.0005	2.8654	0.6465	0	0.0016	0.6481
145	13.7	13	2.8654	0	-0.0005	2.8649	0.6682	0	0.001	0.6692
146	12.8	13.1	2.8656	0	-0.0007	2.8649	0.688	0	0.001	0.689
147	12.6	13.1	2.8665	0	-0.0008	2.8657	0.7056	0	0.0021	0.7078
148	12.9	13.2	2.8675	0	-0.001	2.8665	0.7197	0	0.0039	0.7236
149	13.1	13.2	2.8677	0	-0.0012	2.8665	0.7211	0	0.002	0.7231
150	13.5	13.3	2.8672	0	-0.0011	2.8661	0.7279	0	0.0013	0.7291
151	13.2	13.3	2.8668	0	-0.0011	2.8657	0.735	0	0.0032	0.7382
152	12.5	13.4	2.8669	0	-0.0014	2.8655	0.7384	0	0.0013	0.7396
153	13.6	13.4	2.8669	0	-0.0014	2.8655	0.73	0	-0.0005	0.7295
154	13.3	13.4	2.8666	0	-0.0012	2.8654	0.7321	0	-0.0009	0.7312
155	13.4	13.4	2.8661	0	-0.0012	2.8649	0.7484	0	-0.0002	0.7482
156	13.1	13.4	2.8659	0	-0.0011	2.8648	0.7611	0	0.0007	0.7619
157	13.6	13.5	2.8654	0	-0.0009	2.8645	0.7814	0	0.0017	0.783
158	13.8	13.5	2.8644	0	-0.001	2.8635	0.7982	0	0.0051	0.8034
159	13.6	13.5	2.8635	0	-0.001	2.8625	0.8124	0	0.0081	0.8205
160	13.7	13.5	2.8629	0	-0.001	2.8619	0.8203	0	0.0125	0.8328
161	14.1	13.6	2.8624	0	-0.001	2.8614	0.8192	0	0.0146	0.8338
162	13.3	13.7	2.862	0	-0.001	2.861	0.81	0	0.0133	0.8233
163	14	13.7	2.8615	0	-0.0009	2.8606	0.7954	0	0.012	0.8074
164	13.6	13.8	2.8606	0	-0.0009	2.8597	0.7695	0	0.0118	0.7812
165	13.8	13.8	2.8599	0	-0.001	2.8589	0.7531	0	0.01	0.7632
166	13.7	13.9	2.8595	0	-0.0012	2.8582	0.7601	0	0.0109	0.771
167	13.4	13.9	2.8591	0	-0.0013	2.8578	0.7882	0	0.0109	0.7991
168	13.5	13.9	2.8586	0	-0.0012	2.8574	0.8061	0	0.0102	0.8162
169	13.8	14	2.8577	0	-0.0012	2.8565	0.8128	0	0.0093	0.822
170	14.3	14	2.8564	0	-0.0012	2.8552	0.8192	0	0.0094	0.8286
171	14.3	14.1	2.8563	0	-0.0012	2.8551	0.8269	0	0.009	0.8359
172	14	14.1	2.8555	0	-0.0013	2.8542	0.8271	0	0.0095	0.8366
173	14.4	14.2	2.8545	0	-0.0014	2.8531	0.8362	0	0.0059	0.8421
174	14.5	14.2	2.8537	0	-0.0013	2.8525	0.8362	0	0.0029	0.8392
175	14.1	14.3	2.8532	0	-0.0011	2.8521	0.8405	0	0.0019	0.8423
176	14.1	14.4	2.8524	0	-0.001	2.8514	0.8489	0	0.0027	0.8516

177	13.9	14.5	2.8515	0	-0.001	2.8505	0.8702	0	0.0031	0.8733
178	15.1	14.6	2.8501	0	-0.0012	2.8489	0.9035	0	0.0037	0.9072
179	14.8	14.7	2.8493	0	-0.0012	2.8481	0.9323	0	0.0023	0.9346
180	14.5	14.7	2.8485	0	-0.0012	2.8473	0.9401	0	0.0002	0.9403
181	14.7	14.9	2.8477	0	-0.0012	2.8465	0.9445	0	0.0013	0.9458
182	14.9	14.9	2.8468	0	-0.0012	2.8456	0.944	0	0.0026	0.9466
183	14.8	15	2.8449	0	-0.001	2.8439	0.9312	0	0.002	0.9332
184	15.5	15.2	2.8433	0	-0.001	2.8423	0.9306	0	0.0023	0.9329
185	15.1	15.4	2.8412	0	-0.0009	2.8403	0.9449	0	0.0028	0.9477
186	14.8	15.6	2.8393	0	-0.001	2.8384	0.9667	0	0.003	0.9697
187	15.1	15.8	2.8379	0	-0.001	2.8369	0.9789	0	0.003	0.9819
188	15.6	15.9	2.8368	0	-0.001	2.8359	0.9832	0	0.0047	0.9879
189	16	16.1	2.8363	0	-0.0009	2.8354	0.9994	0	0.006	1.0054
190	16.7	16.3	2.8362	0	-0.0008	2.8354	1.0197	0	0.0062	1.0259
191	15.4	16.4	2.8354	0	-0.0009	2.8345	1.0396	0	0.005	1.0446
192	16.5	16.5	2.834	0	-0.0007	2.8333	1.0506	0	0.0059	1.0565
193	17.7	16.6	2.832	0	-0.0007	2.8313	1.0536	0	0.0053	1.0589
194	17.7	16.6	2.8292	0	-0.0007	2.8285	1.0681	0	0.0067	1.0748
195	17.5	16.7	2.8265	0	-0.0007	2.8258	1.0701	0	0.0058	1.0758
196	17.6	16.8	2.8245	0	-0.0008	2.8237	1.0791	0	0.0104	1.0895
197	17.5	16.9	2.823	0	-0.0011	2.8219	1.1013	0	0.0094	1.1107
198	17.8	17	2.8222	0	-0.0011	2.8211	1.1283	0	0.0076	1.1358
199	18.6	17.1	2.821	0	-0.001	2.82	1.1556	0	0.0053	1.1609
200	17.1	17.1	2.8194	0	-0.0011	2.8183	1.1798	0	0.0038	1.1836
201	16.6	17.3	2.8177	0	-0.0011	2.8165	1.1948	0	0.005	1.1998
202	16.6	17.3	2.8165	0	-0.0011	2.8153	1.209	0	0.0046	1.2136
203	16.6	17.3	2.8154	0	-0.0012	2.8142	1.2273	0	0.002	1.2293
204	17	17.4	2.8138	0	-0.0012	2.8126	1.2366	0	0.0023	1.2388
205	16.3	17.4	2.8126	0	-0.0012	2.8114	1.246	0	0.0044	1.2504
206	16.7	17.5	2.8108	0	-0.0012	2.8096	1.2642	0	0.0031	1.2673
207	17.7	17.5	2.8092	0	-0.0015	2.8077	1.279	0	0.0055	1.2845
208	17.5	17.5	2.8078	0	-0.0015	2.8063	1.2892	0	0.0095	1.2986
209	17.6	17.4	2.807	0	-0.0016	2.8054	1.3081	0	0.0103	1.3184
210	17.7	17.5	2.8065	0	-0.0017	2.8048	1.3132	0	0.0108	1.324
211	17.5	17.5	2.8062	0	-0.0016	2.8046	1.3215	0	0.011	1.3325
212	17.8	17.6	2.8063	0	-0.0015	2.8048	1.33	0	0.0098	1.3398
213	19	17.7	2.8071	0	-0.0014	2.8057	1.3358	0	0.0085	1.3443

214	18	17.8	2.8078	0	-0.0014	2.8064	1.3454	0	0.0084	1.3538
215	18.3	17.9	2.8067	0	-0.0016	2.8051	1.3528	0	0.0072	1.36
216	17.8	18	2.8033	0	-0.0017	2.8016	1.3617	0	0.0048	1.3665
217	17.8	18	2.8011	0	-0.0017	2.7994	1.3848	0	0.0029	1.3877
218	17.8	18.1	2.7998	0	-0.0017	2.7981	1.394	0	0.0028	1.3968
219	17.6	18.2	2.7986	0	-0.0017	2.7969	1.3998	0	0.0051	1.4048
220	17.3	18.3	2.7972	0	-0.0016	2.7956	1.4073	0	0.006	1.4133
221	17.9	18.4	2.7965	0	-0.0016	2.7949	1.4026	0	0.0069	1.4095
222	19.1	18.6	2.7948	0	-0.0012	2.7936	1.415	0	0.0062	1.4212
223	18.1	18.6	2.794	0	-0.001	2.793	1.421	0	0.0053	1.4263
224	18.2	18.7	2.7929	0	-0.001	2.7919	1.4293	0	0.0044	1.4337
225	18.8	18.9	2.7921	0	-0.0009	2.7911	1.4385	0	0.0048	1.4432
226	19	19.1	2.791	0	-0.0009	2.7901	1.4452	0	0.0053	1.4506
227	19	19.3	2.7886	0	-0.0009	2.7878	1.4513	0	0.0054	1.4567
228	19	19.5	2.7861	0	-0.0007	2.7853	1.4613	0	0.0066	1.4679
229	19.8	19.7	2.784	0	-0.0005	2.7835	1.4674	0	0.0066	1.474
230	20	20	2.7824	0	-0.0006	2.7818	1.4761	0	0.007	1.4831
231	20.1	20.2	2.7815	0	-0.0009	2.7806	1.4876	0	0.007	1.4945
232	19.7	20.3	2.7824	0	-0.0009	2.7815	1.5025	0	0.0051	1.5076
233	20.5	20.6	2.7823	0	-0.001	2.7813	1.5226	0	0.0081	1.5306
234	21.5	20.8	2.7807	0	-0.0011	2.7796	1.5189	0	0.0108	1.5297
235	21.3	21.1	2.778	0	-0.0011	2.7769	1.5154	0	0.0117	1.5271
236	21.3	21.3	2.7756	0	-0.001	2.7745	1.5154	0	0.0134	1.5288
237	21.8	21.5	2.7738	0	-0.0011	2.7728	1.5154	0	0.0139	1.5292
238	22.5	21.7	2.7719	0	-0.0011	2.7708	1.5155	0	0.0135	1.529
239	22.6	21.9	2.7692	0	-0.0011	2.768	1.5234	0	0.0134	1.5368
240	21.6	22.1	2.7663	0	-0.0012	2.7651	1.5432	0	0.0145	1.5577
241	21.6	22.3	2.7643	0	-0.0012	2.7631	1.5729	0	0.0159	1.5888
242	22.2	22.6	2.7629	0	-0.0012	2.7616	1.5871	0	0.0153	1.6024
243	22.1	22.7	2.7601	0	-0.0013	2.7588	1.5886	0	0.0186	1.6073
244	24.4	22.8	2.7589	0	-0.0011	2.7578	1.5868	0	0.0209	1.6076
245	24.1	22.9	2.7575	0	-0.0015	2.7559	1.5819	0	0.0235	1.6055
246	22.6	23.1	2.7554	0	-0.0016	2.7538	1.5776	0	0.024	1.6016
247	22.9	23.1	2.7537	0	-0.0016	2.7521	1.5789	0	0.0215	1.6004
248	23.5	23.2	2.7519	0	-0.0015	2.7504	1.5843	0	0.0174	1.6017
249	24	23.3	2.7497	0	-0.0016	2.7481	1.5935	0	0.017	1.6105
250	24.2	23.5	2.7477	0	-0.0016	2.7461	1.5933	0	0.0171	1.6104

251	23.9	23.6	2.7459	0	-0.0016	2.7443	1.5861	0	0.0142	1.6003
252	23.2	23.7	2.7442	0	-0.0016	2.7426	1.5754	0	0.0136	1.589
253	22.9	23.7	2.7432	0	-0.0016	2.7416	1.5738	0	0.0137	1.5875
254	24	23.6	2.742	0	-0.0017	2.7404	1.5745	0	0.0138	1.5883
255	24	23.6	2.7397	0	-0.0015	2.7382	1.5736	0	0.012	1.5856
256	23	23.6	2.738	0	-0.0016	2.7363	1.5769	0	0.0111	1.588
257	24.8	23.6	2.7365	0	-0.0019	2.7346	1.5699	0	0.0119	1.5818
258	24	23.6	2.7336	0	-0.002	2.7316	1.5705	0	0.011	1.5816
259	25.2	23.6	2.7322	0	-0.0021	2.7301	1.5772	0	0.0096	1.5868
260	23.2	23.6	2.7308	0	-0.0021	2.7287	1.5915	0	0.0072	1.5987
261	23.4	23.6	2.7294	0	-0.002	2.7275	1.611	0	0.0049	1.6158
262	23.5	23.7	2.7284	0	-0.0018	2.7266	1.6305	0	0.0038	1.6343
263	22.9	23.9	2.7269	0	-0.0018	2.7252	1.6592	0	0.0046	1.6638
264	22.9	24	2.7254	0	-0.0016	2.7237	1.7012	0	0.0063	1.7075
265	23	24.1	2.7238	0	-0.0015	2.7223	1.7322	0	0.0064	1.7386
266	23.3	24.2	2.721	0	-0.0015	2.7195	1.753	0	0.0021	1.7551
267	23.8	24.3	2.7197	0	-0.0016	2.7181	1.7539	0	0.0002	1.7541
268	24.1	24.5	2.7186	0	-0.0017	2.7169	1.7555	0	-0.0009	1.7546
269	23.6	24.5	2.7169	0	-0.0018	2.7151	1.7644	0	0.0007	1.7651
270	23.7	24.7	2.7161	0	-0.0019	2.7142	1.7855	0	0.002	1.7876
271	25.7	24.8	2.7148	0	-0.0018	2.713	1.7962	0	0.0037	1.7998
272	26.9	25	2.7134	0	-0.0019	2.7116	1.8079	0	0.004	1.8119
273	25.8	25.2	2.7116	0	-0.0018	2.7097	1.8146	0	0.0081	1.8227
274	25.1	25.4	2.7099	0	-0.0017	2.7081	1.8315	0	0.0112	1.8427
275	25.8	25.6	2.7087	0	-0.0016	2.707	1.8418	0	0.0127	1.8545
276	26.6	25.7	2.7073	0	-0.0015	2.7058	1.8556	0	0.0138	1.8693
277	26.5	25.9	2.7054	0	-0.0017	2.7038	1.8693	0	0.0155	1.8848
278	25.7	26	2.7034	0	-0.0018	2.7015	1.8734	0	0.0185	1.8919
279	26.5	26.2	2.7017	0	-0.0019	2.6998	1.8567	0	0.0217	1.8784
280	26.7	26.3	2.6997	0	-0.0019	2.6978	1.851	0	0.0201	1.8711
281	26.2	26.3	2.6974	0	-0.0017	2.6957	1.8559	0	0.0179	1.8738
282	26.4	26.4	2.6945	0	-0.002	2.6926	1.8724	0	0.015	1.8874
283	27	26.4	2.693	0	-0.0021	2.6909	1.8978	0	0.0129	1.9108
284	26.6	26.6	2.6917	0	-0.0022	2.6896	1.9147	0	0.0118	1.9265
285	26.5	26.8	2.6897	0	-0.0023	2.6874	1.914	0	0.0118	1.9258
286	26	26.9	2.6878	0	-0.0024	2.6854	1.9002	0	0.012	1.9122
287	26.4	26.9	2.6863	0	-0.0024	2.684	1.8893	0	0.0115	1.9008

288	27.2	27	2.6845	0	-0.0023	2.6822	1.8839	0	0.0092	1.8931
289	26.3	27.1	2.682	0	-0.0023	2.6797	1.8802	0	0.008	1.8882
290	26	27	2.6789	0	-0.0024	2.6765	1.8808	0	0.0077	1.8886
291	27.6	27.1	2.6766	0	-0.0024	2.6742	1.8738	0	0.008	1.8818
292	27.5	27.1	2.6752	0	-0.0026	2.6726	1.8681	0	0.0071	1.8752
293	28.1	27.1	2.6733	0	-0.0028	2.6705	1.8697	0	0.0044	1.8741
294	29.7	27.3	2.671	0	-0.0031	2.6679	1.8598	0	0.0016	1.8613
295	28.1	27.4	2.6688	0	-0.0031	2.6657	1.8656	0	0.0029	1.8685
296	26.7	27.5	2.6666	0	-0.003	2.6637	1.8794	0	-0.0026	1.8768
297	27.4	27.5	2.6645	0	-0.0028	2.6617	1.8899	0	-0.005	1.8849
298	27.7	27.7	2.6629	0	-0.0028	2.6601	1.8923	0	-0.0047	1.8876
299	26.6	27.7	2.6617	0	-0.0027	2.659	1.8873	0	-0.0016	1.8857
300	26.3	27.8	2.6608	0	-0.0026	2.6582	1.8819	0	-0.0006	1.8813
301	27.2	27.7	2.6601	0	-0.0025	2.6576	1.8843	0	-0.0008	1.8835
302	27.8	27.7	2.6591	0	-0.0025	2.6566	1.8908	0	0.0002	1.891
303	29.1	27.6	2.6579	0	-0.0026	2.6554	1.871	0	0.002	1.8729
304	28	27.6	2.6565	0	-0.0024	2.6541	1.8681	0	0.0008	1.8689
305	28.1	27.6	2.6549	0	-0.0023	2.6526	1.8712	0	0.0004	1.8715
306	27.6	27.7	2.6538	0	-0.0024	2.6514	1.8747	0	0.0035	1.8782
307	29.6	27.7	2.6521	0	-0.0026	2.6496	1.8838	0	0.0044	1.8882
308	27.8	27.8	2.6501	0	-0.0025	2.6476	1.8892	0	0.0022	1.8914
309	26.3	27.9	2.6478	0	-0.0023	2.6455	1.8805	0	-0.0005	1.88
310	26.5	28	2.6454	0	-0.0022	2.6432	1.8815	0	-0.0037	1.8778
311	27	28	2.6432	0	-0.002	2.6412	1.8804	0	-0.005	1.8754
312	27.5	27.9	2.6404	0	-0.0019	2.6385	1.8842	0	-0.0031	1.8811
313	28.1	27.8	2.637	0	-0.002	2.635	1.892	0	0	1.892
314	28.8	27.8	2.6345	0	-0.002	2.6325	1.8951	0	0.0028	1.8978
315	28.7	27.7	2.6314	0	-0.0018	2.6296	1.8905	0	0.006	1.8966
316	28.1	27.7	2.6279	0	-0.0017	2.6262	1.8874	0	0.011	1.8983
317	29.5	27.6	2.6256	0	-0.0016	2.624	1.8842	0	0.0108	1.895
318	27.2	27.7	2.6234	0	-0.0018	2.6216	1.893	0	0.009	1.9021
319	28.2	27.8	2.62	0	-0.0019	2.6182	1.8999	0	0.0065	1.9064
320	27.6	27.9	2.6176	0	-0.002	2.6156	1.8987	0	0.0057	1.9043
321	27.1	28.1	2.6157	0	-0.002	2.6137	1.8993	0	0.0051	1.9044
322	27.4	28.1	2.6133	0	-0.002	2.6113	1.8984	0	0.0067	1.9051
323	27	28.1	2.6108	0	-0.0021	2.6087	1.9045	0	0.0081	1.9126
324	26.5	28.1	2.6087	0	-0.0022	2.6065	1.9052	0	0.0093	1.9146

325	27.4	28.1	2.6065	0	-0.0023	2.6042	1.9033	0	0.0093	1.9126
326	27.8	28.2	2.604	0	-0.0025	2.6016	1.9107	0	0.0099	1.9206
327	28.9	28.1	2.6013	0	-0.0027	2.5986	1.9215	0	0.0106	1.932
328	29.8	28.2	2.6004	0	-0.0029	2.5975	1.9165	0	0.0075	1.924
329	27.8	28.1	2.5989	0	-0.0025	2.5964	1.9096	0	0.0058	1.9154
330	29.7	28.1	2.5968	0	-0.0024	2.5944	1.8995	0	0.0066	1.906
331	28.9	28.2	2.5943	0	-0.0024	2.5919	1.8828	0	0.0085	1.8913
332	28.2	28.2	2.5926	0	-0.0022	2.5904	1.8579	0	0.0115	1.8694
333	27.8	28.3	2.5909	0	-0.0022	2.5887	1.829	0	0.0083	1.8373
334	28.7	28.3	2.5893	0	-0.0023	2.5871	1.8224	0	0.0058	1.8281
335	29.7	28.3	2.588	0	-0.0023	2.5857	1.8221	0	0.0043	1.8265
336	29	28.3	2.5866	0	-0.0022	2.5844	1.812	0	0.0031	1.8151
337	27.3	28.2	2.5854	0	-0.002	2.5835	1.8068	0	0.0008	1.8077
338	26.7	28.1	2.5839	0	-0.0019	2.582	1.8045	0	-0.0018	1.8027
339	27.6	28.2	2.5811	0	-0.0019	2.5792	1.8018	0	-0.0031	1.7987
340	28.7	28.1	2.5789	0	-0.002	2.5769	1.7896	0	-0.0052	1.7843
341	28.6	28.1	2.5775	0	-0.0019	2.5756	1.7672	0	-0.006	1.7612
342	28	28	2.5759	0	-0.0016	2.5742	1.7633	0	-0.0054	1.7579
343	27.8	27.9	2.5741	0	-0.0014	2.5726	1.7673	0	-0.0078	1.7595
344	27.4	27.8	2.5724	0	-0.0014	2.571	1.7734	0	-0.0033	1.7701
345	27.5	27.7	2.5695	0	-0.0013	2.5683	1.7691	0	-0.0066	1.7626
346	27.3	27.6	2.5665	0	-0.0011	2.5654	1.758	0	-0.009	1.749
347	27.8	27.6	2.5645	0	-0.0011	2.5633	1.7491	0	-0.0058	1.7433
348	28.4	27.6	2.5632	0	-0.0014	2.5618	1.7473	0	-0.0018	1.7455
349	28	27.6	2.5615	0	-0.0015	2.56	1.7517	0	0.0022	1.7539
350	28.7	27.5	2.5593	0	-0.0015	2.5578	1.7556	0	0.0041	1.7597
351	26.8	27.4	2.5568	0	-0.0016	2.5552	1.7682	0	0.0075	1.7757
352	26.3	27.3	2.5571	0	-0.0018	2.5553	1.7793	0	0.0109	1.7902
353	26.9	27.2	2.5564	0	-0.0017	2.5547	1.7769	0	0.0108	1.7877
354	26.8	27.1	2.5549	0	-0.0017	2.5532	1.7648	0	0.0086	1.7735
355	27	27	2.5522	0	-0.0019	2.5504	1.7559	0	0.0086	1.7645
356	26.9	26.8	2.5496	0	-0.002	2.5475	1.7483	0	0.0071	1.7555
357	27.9	26.8	2.5476	0	-0.0021	2.5455	1.7488	0	0.0041	1.753
358	27.3	26.7	2.5456	0	-0.0019	2.5436	1.7424	0	0.0002	1.7425
359	26.8	26.6	2.544	0	-0.0017	2.5423	1.7276	0	-0.0006	1.727
360	26.8	26.3	2.5427	0	-0.0016	2.5411	1.7149	0	0.0001	1.715
361	25.9	26.1	2.541	0	-0.0017	2.5393	1.7059	0	0.0009	1.7069

362	25.7	25.8	2.5392	0	-0.0018	2.5374	1.6934	0	0.0069	1.7003
363	25.9	25.5	2.5374	0	-0.002	2.5354	1.673	0	0.0076	1.6806
364	25.4	25.3	2.5363	0	-0.0022	2.5341	1.6517	0	0.0076	1.6594
365	24.3	25.2	2.535	0	-0.0026	2.5324	1.6407	0	0.0059	1.6467
366	27	24.9	2.5326	0	-0.0026	2.53	1.6157	0	0.0074	1.623
367	26.4	24.7	2.5304	0	-0.0025	2.5279	1.5895	0	0.0067	1.5962
368	25.6	24.4	2.5286	0	-0.0024	2.5263	1.5816	0	0.0064	1.588
369	23.8	24.2	2.5271	0	-0.0024	2.5247	1.5737	0	0.0034	1.577
370	22.2	24	2.5262	0	-0.0024	2.5238	1.5536	0	0.002	1.5556
371	21.6	23.8	2.525	0	-0.0025	2.5225	1.5434	0	0.0014	1.5448
372	21.7	23.6	2.523	0	-0.0027	2.5203	1.5322	0	-0.0016	1.5306
373	22.6	23.5	2.5211	0	-0.0028	2.5183	1.5127	0	-0.0039	1.5089
374	23.9	23.3	2.5196	0	-0.0027	2.5169	1.5006	0	-0.0037	1.4969
375	22.1	23.3	2.5176	0	-0.0026	2.515	1.484	0	-0.0034	1.4806
376	23.5	23	2.5152	0	-0.0026	2.5126	1.4676	0	-0.0025	1.465
377	22.7	22.8	2.5138	0	-0.0024	2.5114	1.445	0	-0.002	1.443
378	23	22.6	2.5124	0	-0.0024	2.51	1.431	0	-0.0042	1.4268
379	21.8	22.4	2.5117	0	-0.0026	2.5092	1.438	0	-0.0066	1.4314
380	22.5	22.4	2.5115	0	-0.0027	2.5087	1.4373	0	-0.0038	1.4335
381	22.8	22.4	2.5117	0	-0.0029	2.5088	1.4305	0	-0.0027	1.4278
382	23	22.4	2.5116	0	-0.0028	2.5088	1.4183	0	-0.0017	1.4166
383	22.9	22.4	2.5108	0	-0.0027	2.5081	1.416	0	0.0011	1.4171
384	22.7	22.3	2.5095	0	-0.0026	2.5069	1.421	0	0.0011	1.422
385	22.5	22.2	2.5085	0	-0.0026	2.5059	1.4229	0	-0.0017	1.4212
386	21.6	22.1	2.5071	0	-0.0024	2.5047	1.4168	0	-0.004	1.4128
387	21.8	22	2.5059	0	-0.0022	2.5037	1.4178	0	-0.0038	1.4139
388	21.2	21.8	2.5043	0	-0.002	2.5023	1.4164	0	-0.0025	1.4139
389	21.6	21.8	2.503	0	-0.0018	2.5012	1.4162	0	-0.0013	1.4149
390	21.5	21.7	2.5022	0	-0.0018	2.5004	1.4036	0	-0.0011	1.4025
391	22.5	21.5	2.5003	0	-0.0019	2.4984	1.3938	0	-0.0014	1.3923
392	22.1	21.4	2.4984	0	-0.0018	2.4966	1.3967	0	-0.001	1.3957
393	22	21.3	2.496	0	-0.0025	2.4935	1.3999	0	0.0013	1.4012
394	21	21.3	2.4941	0	-0.0024	2.4917	1.3947	0	0.0048	1.3995
395	20.5	21.3	2.493	0	-0.0022	2.4908	1.3891	0	0.0064	1.3955
396	20.6	21.2	2.4917	0	-0.0024	2.4893	1.3789	0	0.0094	1.3884
397	20.4	21.2	2.4898	0	-0.0027	2.4871	1.3658	0	0.0131	1.379
398	20.4	21.2	2.4877	0	-0.003	2.4847	1.3597	0	0.0174	1.3771

399	20.7	21.2	2.4861	0	-0.0031	2.483	1.3479	0	0.0187	1.3665
400	19.4	21.1	2.484	0	-0.0033	2.4807	1.3416	0	0.0172	1.3589
401	20.5	20.9	2.4822	0	-0.0036	2.4786	1.331	0	0.0175	1.3485
402	22.3	20.8	2.4814	0	-0.0036	2.4778	1.311	0	0.0156	1.3265
403	22.8	20.7	2.4815	0	-0.0034	2.478	1.3132	0	0.012	1.3252
404	21.2	20.6	2.4809	0	-0.0033	2.4776	1.3063	0	0.012	1.3183
405	20.7	20.5	2.4801	0	-0.003	2.477	1.2918	0	0.0113	1.3031
406	21.2	20.4	2.4789	0	-0.0028	2.4761	1.2693	0	0.0084	1.2778
407	21.4	20.3	2.4779	0	-0.0026	2.4753	1.2532	0	0.0062	1.2594
408	20.8	20.3	2.4773	0	-0.0024	2.4749	1.242	0	0.0041	1.2461
409	19.9	20.2	2.4763	0	-0.0023	2.474	1.2376	0	0.0067	1.2443
410	19.8	20.1	2.4748	0	-0.0023	2.4725	1.2315	0	0.0071	1.2386
411	20	20.1	2.4738	0	-0.0027	2.4711	1.2441	0	0.0072	1.2513
412	20.2	19.9	2.4731	0	-0.0027	2.4704	1.2461	0	0.0064	1.2525
413	18.7	19.7	2.4718	0	-0.0028	2.469	1.2383	0	0.0045	1.2429
414	18.9	19.6	2.4705	0	-0.0026	2.4678	1.2289	0	0.0033	1.2322
415	18.4	19.6	2.4698	0	-0.0025	2.4673	1.2321	0	0.0027	1.2347
416	19	19.5	2.4689	0	-0.0024	2.4665	1.2321	0	-0.0003	1.2317
417	19.1	19.5	2.4674	0	-0.0022	2.4652	1.2101	0	-0.0013	1.2088
418	19	19.5	2.466	0	-0.0021	2.4639	1.1895	0	-0.0012	1.1883
419	19	19.5	2.4647	0	-0.0021	2.4626	1.1831	0	0.0005	1.1835
420	19.1	19.5	2.4633	0	-0.0021	2.4612	1.1778	0	0.0031	1.1809
421	19.6	19.5	2.4624	0	-0.0018	2.4606	1.1705	0	0.0038	1.1743
422	18.7	19.5	2.462	0	-0.0016	2.4604	1.1565	0	0.0031	1.1596
423	19.6	19.6	2.4608	0	-0.0017	2.4591	1.1418	0	0.0006	1.1424
424	20	19.6	2.4603	0	-0.0019	2.4584	1.1256	0	-0.0002	1.1253
425	19.5	19.7	2.4598	0	-0.0021	2.4577	1.11	0	0.0016	1.1115
426	20.6	19.8	2.4595	0	-0.0023	2.4573	1.0933	0	0.0034	1.0967
427	20.9	19.8	2.4582	0	-0.0023	2.4559	1.0785	0	0.0051	1.0836
428	20	19.8	2.4566	0	-0.0022	2.4543	1.0679	0	0.0093	1.0772
429	20	19.8	2.4552	0	-0.0021	2.453	1.0645	0	0.01	1.0745
430	20.3	19.8	2.4538	0	-0.0021	2.4516	1.0623	0	0.0065	1.0688
431	20	19.7	2.4524	0	-0.0022	2.4502	1.0614	0	0.0022	1.0636
432	20.1	19.7	2.451	0	-0.0023	2.4487	1.0689	0	0.001	1.07
433	20.3	19.7	2.4488	0	-0.0023	2.4465	1.0711	0	0.0044	1.0755
434	20	19.6	2.447	0	-0.0021	2.4449	1.0677	0	0.0084	1.0761
435	20	19.6	2.4463	0	-0.0019	2.4444	1.0535	0	0.0124	1.066

436	19.7	19.5	2.4449	0	-0.0018	2.443	1.0389	0	0.0111	1.05
437	19.4	19.4	2.4438	0	-0.0017	2.4421	1.023	0	0.0105	1.0336
438	19.1	19.3	2.4423	0	-0.0018	2.4405	1.0093	0	0.0118	1.0211
439	18.7	19.2	2.4407	0	-0.0018	2.4389	0.9926	0	0.0125	1.0051
440	18.3	19.2	2.4395	0	-0.0019	2.4376	0.9769	0	0.0128	0.9897
441	18.6	19.1	2.4378	0	-0.0018	2.436	0.9618	0	0.012	0.9739
442	19.1	19	2.4359	0	-0.0018	2.4341	0.9413	0	0.0121	0.9534
443	18.7	18.9	2.4346	0	-0.0019	2.4327	0.9291	0	0.0135	0.9426
444	18.1	18.8	2.4335	0	-0.002	2.4314	0.9045	0	0.008	0.9125
445	19.3	18.7	2.4317	0	-0.0022	2.4294	0.8834	0	0.0099	0.8933
446	18.2	18.6	2.4299	0	-0.0024	2.4275	0.8713	0	0.0142	0.8855
447	18.3	18.5	2.4285	0	-0.0029	2.4256	0.8596	0	0.0155	0.8751
448	18.6	18.4	2.4284	0	-0.0032	2.4252	0.8491	0	0.0144	0.8635
449	19.4	18.4	2.4273	0	-0.0032	2.4241	0.83	0	0.0083	0.8383
450	19	18.3	2.4262	0	-0.0033	2.4229	0.8177	0	0.0074	0.8251
451	18.3	18.2	2.4257	0	-0.0032	2.4226	0.8015	0	0.0058	0.8073
452	18.2	18.1	2.4258	0	-0.003	2.4228	0.788	0	0.0027	0.7907
453	18.2	18	2.4258	0	-0.0029	2.4229	0.7818	0	0.0017	0.7835
454	17.9	18	2.4257	0	-0.0028	2.4229	0.7816	0	0.0023	0.7838
455	17.5	17.9	2.4253	0	-0.0027	2.4226	0.7758	0	0.0024	0.7782
456	17.4	17.7	2.4242	0	-0.0027	2.4216	0.7712	0	0.0048	0.776
457	18.3	17.6	2.4234	0	-0.0025	2.4209	0.7615	0	0.007	0.7685
458	17.5	17.4	2.4218	0	-0.0026	2.4192	0.7497	0	0.0085	0.7582
459	17.5	17.2	2.4209	0	-0.0024	2.4185	0.7439	0	0.0094	0.7532
460	16.7	17	2.4183	0	-0.0023	2.416	0.7317	0	0.0117	0.7434
461	17	16.9	2.4164	0	-0.0023	2.4141	0.7133	0	0.0132	0.7265
462	17.5	16.8	2.4154	0	-0.0023	2.4131	0.702	0	0.0073	0.7093
463	17.3	16.6	2.4145	0	-0.0024	2.4122	0.6949	0	0.0052	0.7
464	16.5	16.5	2.4131	0	-0.0025	2.4106	0.6845	0	0.0015	0.686
465	15.6	16.4	2.4118	0	-0.0026	2.4092	0.6718	0	0.0002	0.672
466	15.3	16.3	2.4116	0	-0.0025	2.4091	0.6664	0	-0.0022	0.6641
467	15.7	16	2.4115	0	-0.0024	2.4091	0.6591	0	0.0002	0.6593
468	15.8	15.9	2.4103	0	-0.0024	2.4079	0.6469	0	0.0007	0.6476
469	15.5	15.7	2.4093	0	-0.0027	2.4066	0.6325	0	0.0012	0.6337
470	16	15.6	2.4091	0	-0.0028	2.4063	0.6222	0	0.0005	0.6228
471	15.6	15.4	2.4093	0	-0.0028	2.4065	0.6114	0	-0.0012	0.6101
472	15.4	15.2	2.4088	0	-0.0027	2.4061	0.6073	0	0.0011	0.6084

473	15.4	15	2.4085	0	-0.0027	2.4057	0.611	0	0.0047	0.6157
474	15.3	14.9	2.4086	0	-0.0028	2.4057	0.6085	0	0.0049	0.6134
475	14.9	14.8	2.4083	0	-0.0029	2.4053	0.6122	0	0.0031	0.6153
476	13.7	14.8	2.4073	0	-0.0031	2.4042	0.6143	0	0.0013	0.6155
477	14.5	14.7	2.407	0	-0.0033	2.4036	0.6147	0	-0.0005	0.6143
478	14.4	14.5	2.4059	0	-0.0034	2.4025	0.6076	0	0.0008	0.6084
479	14.3	14.4	2.4055	0	-0.0032	2.4023	0.6018	0	0.0016	0.6034
480	14.2	14.2	2.4053	0	-0.003	2.4024	0.5883	0	0.001	0.5893
481	13.9	14	2.4048	0	-0.003	2.4018	0.5704	0	-0.0007	0.5697
482	13.6	13.8	2.4045	0	-0.0032	2.4013	0.5582	0	-0.0018	0.5564
483	14.3	13.7	2.404	0	-0.0035	2.4005	0.5517	0	-0.0005	0.5511
484	13.8	13.5	2.4042	0	-0.0038	2.4003	0.5346	0	0.0009	0.5356
485	14.2	13.3	2.4046	0	-0.0037	2.4009	0.5191	0	0.0019	0.521
486	13.7	13.2	2.4048	0	-0.0035	2.4013	0.5182	0	0.0037	0.5218
487	13.1	13	2.4049	0	-0.0034	2.4016	0.5114	0	0.0072	0.5186
488	12.7	12.9	2.4051	0	-0.0032	2.4018	0.5064	0	0.0099	0.5163
489	12.4	12.7	2.4053	0	-0.0031	2.4023	0.4967	0	0.0102	0.507
490	13.2	12.6	2.406	0	-0.003	2.403	0.4846	0	0.0091	0.4937
491	11.2	12.4	2.4062	0	-0.0031	2.4031	0.4793	0	0.0077	0.4869
492	12.1	12.3	2.4055	0	-0.0032	2.4023	0.4686	0	0.0072	0.4758
493	12.1	12.1	2.4055	0	-0.0033	2.4023	0.4509	0	0.0091	0.46
494	11.7	12	2.4057	0	-0.0034	2.4024	0.4381	0	0.0108	0.4489
495	11.5	11.8	2.4058	0	-0.0036	2.4022	0.4299	0	0.0129	0.4429
496	11.2	11.6	2.4058	0	-0.0039	2.4018	0.4163	0	0.0131	0.4294
497	11.8	11.5	2.4049	0	-0.0041	2.4008	0.4003	0	0.0113	0.4116
498	11.5	11.4	2.4047	0	-0.0039	2.4009	0.3893	0	0.0055	0.3948
499	11.3	11.3	2.4044	0	-0.0039	2.4005	0.3947	0	0.0026	0.3973
500	11	11.2	2.4038	0	-0.0039	2.3999	0.3902	0	0.0028	0.393
501	11.1	11.1	2.4034	0	-0.0039	2.3995	0.3733	0	0.0042	0.3775
502	11.1	11.1	2.4032	0	-0.0038	2.3995	0.3759	0	0.0069	0.3828
503	10.3	11	2.4033	0	-0.0037	2.3996	0.379	0	0.0105	0.3895
504	10.4	10.9	2.4033	0	-0.0035	2.3998	0.3827	0	0.012	0.3947
505	10.6	10.9	2.4029	0	-0.0035	2.3994	0.3822	0	0.0109	0.3931
506	10.8	10.8	2.4027	0	-0.0035	2.3992	0.372	0	0.0105	0.3825
507	11	10.8	2.4029	0	-0.0034	2.3995	0.3532	0	0.0103	0.3635
508	10.9	10.7	2.4029	0	-0.0033	2.3996	0.3387	0	0.0119	0.3506
509	10.6	10.7	2.4032	0	-0.0035	2.3997	0.3195	0	0.011	0.3305

510	10.6	10.6	2.4035	0	-0.0036	2.3999	0.3059	0	0.0129	0.3187
511	10.9	10.6	2.4036	0	-0.0034	2.4002	0.2815	0	0.0139	0.2954
512	10.8	10.5	2.4036	0	-0.0032	2.4004	0.2639	0	0.0159	0.2798
513	10	10.5	2.4034	0	-0.0029	2.4004	0.2547	0	0.016	0.2707
514	10.1	10.5	2.4033	0	-0.0027	2.4006	0.2472	0	0.017	0.2642
515	11.1	10.5	2.4032	0	-0.0023	2.4009	0.2323	0	0.0146	0.2469
516	10.3	10.5	2.403	0	-0.0024	2.4006	0.2191	0	0.0121	0.2312
517	10.7	10.4	2.4027	0	-0.0023	2.4004	0.2176	0	0.0117	0.2294
518	10.3	10.4	2.4028	0	-0.0022	2.4006	0.2187	0	0.0124	0.2311
519	10.1	10.3	2.4025	0	-0.0021	2.4003	0.2077	0	0.0134	0.221
520	10.1	10.3	2.4021	0	-0.002	2.4001	0.1961	0	0.0115	0.2077
521	9.99	10.3	2.4017	0	-0.0019	2.3998	0.1915	0	0.011	0.2025
522	9.9	10.3	2.4009	0	-0.0021	2.3988	0.1902	0	0.0096	0.1999
523	10.3	10.3	2.3999	0	-0.0022	2.3977	0.186	0	0.0066	0.1927
524	10.6	10.4	2.3991	0	-0.0022	2.3969	0.1802	0	0.0038	0.184
525	10.3	10.4	2.3984	0	-0.0022	2.3962	0.1774	0	0.0027	0.18
526	10.4	10.5	2.3981	0	-0.0022	2.3959	0.1722	0	0.0023	0.1745
527	9.92	10.5	2.3975	0	-0.0024	2.3951	0.1594	0	0.0016	0.161
528	10.2	10.5	2.3964	0	-0.0024	2.394	0.1526	0	-0.0015	0.1511
529	9.9	10.6	2.3963	0	-0.0023	2.3941	0.1405	0	-0.0044	0.1361
530	10.2	10.6	2.3967	0	-0.0021	2.3947	0.1367	0	-0.0044	0.1323
531	10.9	10.6	2.3966	0	-0.0021	2.3946	0.1353	0	-0.0029	0.1324
532	11.2	10.7	2.3959	0	-0.0022	2.3936	0.1278	0	-0.0037	0.1241
533	11.3	10.7	2.3953	0	-0.0024	2.3929	0.1266	0	-0.0063	0.1202
534	11.2	10.6	2.3951	0	-0.0023	2.3928	0.1233	0	-0.0088	0.1145
535	11.4	10.6	2.3945	0	-0.0023	2.3922	0.1286	0	-0.0105	0.1181
536	11.5	10.6	2.3937	0	-0.0025	2.3912	0.1378	0	-0.0062	0.1316
537	10.6	10.6	2.3932	0	-0.0027	2.3905	0.1411	0	-0.0008	0.1404
538	10.9	10.7	2.3926	0	-0.0028	2.3898	0.139	0	0.0021	0.1411
539	10.8	10.7	2.3922	0	-0.0027	2.3895	0.1362	0	0.0018	0.138
540	10.7	10.6	2.3916	0	-0.0026	2.3889	0.1369	0	0.0017	0.1385
541	10.4	10.6	2.391	0	-0.0025	2.3884	0.1443	0	0.002	0.1463
542	10.2	10.6	2.3908	0	-0.0027	2.3881	0.1468	0	0.0005	0.1473
543	10.2	10.6	2.3908	0	-0.003	2.3878	0.138	0	-0.0025	0.1355
544	10.2	10.5	2.3905	0	-0.0033	2.3872	0.1377	0	-0.0056	0.1321
545	10.2	10.5	2.39	0	-0.0035	2.3865	0.1419	0	-0.0068	0.1351
546	10.3	10.4	2.3898	0	-0.0035	2.3863	0.1473	0	-0.0082	0.1391

547	10.2	10.5	2.3896	0	-0.0034	2.3861	0.1503	0	-0.0149	0.1354
548	10.1	10.4	2.3889	0	-0.0035	2.3854	0.1528	0	-0.017	0.1358
549	9.81	10.4	2.3883	0	-0.0035	2.3848	0.166	0	-0.0138	0.1522
550	10.4	10.4	2.3889	0	-0.0037	2.3852	0.1771	0	-0.0137	0.1634
551	10.7	10.4	2.3882	0	-0.0039	2.3843	0.1806	0	-0.0134	0.1672
552	10.5	10.4	2.3878	0	-0.0041	2.3838	0.1861	0	-0.0126	0.1735
553	10.5	10.4	2.3875	0	-0.0041	2.3834	0.1947	0	-0.0114	0.1833
554	10.6	10.4	2.3875	0	-0.0039	2.3836	0.1983	0	-0.0092	0.1891
555	10.9	10.4	2.3881	0	-0.0038	2.3843	0.201	0	-0.0055	0.1955
556	10.9	10.4	2.3889	0	-0.0037	2.3852	0.208	0	-0.003	0.205
557	10.7	10.4	2.3895	0	-0.0037	2.3858	0.2133	0	-0.003	0.2103
558	10.8	10.4	2.3898	0	-0.0037	2.3861	0.2179	0	-0.0023	0.2157
559	10	10.4	2.3903	0	-0.0037	2.3866	0.2127	0	-0.0022	0.2105
560	9.88	10.4	2.3902	0	-0.0037	2.3865	0.2094	0	-0.0057	0.2037
561	10	10.4	2.39	0	-0.0039	2.3861	0.2136	0	-0.0051	0.2085
562	10.1	10.4	2.3899	0	-0.0039	2.386	0.2226	0	-0.0023	0.2204
563	10.4	10.4	2.3898	0	-0.0041	2.3858	0.2281	0	-0.0002	0.228
564	10.4	10.4	2.3899	0	-0.004	2.3859	0.228	0	0.0026	0.2306
565	10.5	10.4	2.3899	0	-0.0038	2.3861	0.2283	0	0.0051	0.2334
566	10.6	10.4	2.3898	0	-0.0036	2.3861	0.2255	0	0.0084	0.2339
567	10.4	10.3	2.3896	0	-0.0036	2.386	0.2231	0	0.0091	0.2321
568	10	10.3	2.3895	0	-0.0037	2.3858	0.2258	0	0.0098	0.2356
569	10.1	10.3	2.3897	0	-0.0038	2.3859	0.2307	0	0.0098	0.2405
570	10.6	10.3	2.39	0	-0.0039	2.3861	0.2277	0	0.0098	0.2374
571	10.8	10.4	2.3903	0	-0.0038	2.3865	0.2194	0	0.0112	0.2306
572	10.4	10.4	2.3902	0	-0.0034	2.3868	0.2119	0	0.0122	0.2241
573	10.4	10.4	2.3905	0	-0.0031	2.3873	0.2057	0	0.0112	0.2169
574	10.5	10.4	2.3908	0	-0.0031	2.3877	0.1978	0	0.01	0.2078
575	9.99	10.3	2.391	0	-0.0032	2.3879	0.1932	0	0.0086	0.2019
576	9.92	10.3	2.3914	0	-0.0033	2.3881	0.1926	0	0.0074	0.2
577	10.3	10.3	2.3917	0	-0.0032	2.3885	0.1944	0	0.0082	0.2027
578	10.3	10.3	2.3919	0	-0.003	2.3889	0.1876	0	0.007	0.1945
579	10.3	10.3	2.3918	0	-0.0028	2.3891	0.1777	0	0.0062	0.184
580	10.7	10.2	2.3918	0	-0.0027	2.3891	0.1826	0	0.0095	0.192
581	10.4	10.2	2.392	0	-0.0026	2.3894	0.1891	0	0.0113	0.2004
582	10.2	10.1	2.3919	0	-0.0026	2.3893	0.1847	0	0.0114	0.1962
583	10.3	10.1	2.3917	0	-0.0026	2.3891	0.1805	0	0.0103	0.1908

584	10.2	10.2	2.3913	0	-0.0028	2.3885	0.176	0	0.0101	0.1861
585	10.2	10.2	2.3908	0	-0.0031	2.3877	0.1713	0	0.0113	0.1826
586	10.2	10.2	2.3907	0	-0.0034	2.3873	0.1639	0	0.0099	0.1738
587	9.84	10.2	2.391	0	-0.0036	2.3875	0.1552	0	0.0053	0.1605
588	9.59	10.3	2.3914	0	-0.0034	2.388	0.1466	0	0.0026	0.1493
589	9.61	10.3	2.3917	0	-0.0032	2.3884	0.1412	0	0.0008	0.142
590	9.76	10.3	2.3916	0	-0.0032	2.3884	0.1369	0	0.0006	0.1375
591	9.95	10.4	2.3915	0	-0.0031	2.3884	0.1255	0	-0.0002	0.1253
592	10.4	10.4	2.3917	0	-0.0029	2.3888	0.116	0	0.0007	0.1167
593	11.3	10.4	2.3918	0	-0.0027	2.3891	0.1174	0	0	0.1174
594	11	10.4	2.3916	0	-0.0027	2.3888	0.1218	0	-0.0016	0.1202
595	10.1	10.4	2.3911	0	-0.0028	2.3883	0.1186	0	-0.005	0.1137
596	10.6	10.5	2.3907	0	-0.0024	2.3883	0.1091	0	-0.0069	0.1022
597	10.9	10.6	2.3896	0	-0.0024	2.3872	0.1018	0	-0.0064	0.0953
598	11	10.6	2.3881	0	-0.0025	2.3857	0.0993	0	-0.005	0.0944
599	10.9	10.6	2.3867	0	-0.0025	2.3842	0.0994	0	-0.0048	0.0946
600	10.9	10.7	2.3858	0	-0.0026	2.3832	0.0994	0	-0.004	0.0953
601	10.7	10.8	2.3848	0	-0.0026	2.3822	0.1084	0	-0.0058	0.1026
602	10.5	10.8	2.3838	0	-0.0026	2.3811	0.1042	0	-0.0086	0.0956
603	10.6	10.8	2.3835	0	-0.0028	2.3807	0.1064	0	-0.0097	0.0967
604	10.7	10.8	2.3832	0	-0.003	2.3802	0.1145	0	-0.0093	0.1052
605	10.8	10.8	2.3821	0	-0.0032	2.3789	0.1264	0	-0.0073	0.1191
606	11.4	10.8	2.3814	0	-0.0032	2.3782	0.1419	0	-0.0055	0.1364
607	10	10.8	2.3811	0	-0.0032	2.3779	0.16	0	-0.005	0.155
608	10.6	10.8	2.3817	0	-0.0031	2.3786	0.1728	0	-0.0046	0.1682
609	11.1	10.8	2.3822	0	-0.003	2.3793	0.1765	0	-0.0034	0.1731
610	11	10.7	2.3821	0	-0.0031	2.379	0.1812	0	-0.002	0.1792
611	10.9	10.7	2.3814	0	-0.0032	2.3782	0.1901	0	-0.0022	0.1879
612	11.4	10.7	2.3808	0	-0.0032	2.3776	0.1971	0	-0.005	0.1922
613	11.1	10.7	2.3806	0	-0.0032	2.3774	0.198	0	-0.0069	0.1911
614	10.1	10.7	2.3805	0	-0.0032	2.3773	0.1887	0	-0.0077	0.181
615	10.5	10.7	2.3806	0	-0.0031	2.3775	0.1923	0	-0.0043	0.188
616	10.9	10.7	2.3807	0	-0.0033	2.3774	0.2047	0	-0.0031	0.2016
617	10.8	10.7	2.3802	0	-0.0033	2.3769	0.2078	0	-0.003	0.2047
618	10.5	10.6	2.3797	0	-0.0032	2.3765	0.2007	0	-0.003	0.1977
619	10.3	10.6	2.3797	0	-0.0031	2.3766	0.195	0	-0.003	0.192
620	10.7	10.6	2.3802	0	-0.0031	2.3771	0.198	0	-0.0036	0.1944

621	10.5	10.5	2.3805	0	-0.0032	2.3773	0.2076	0	-0.0043	0.2033
622	10.3	10.5	2.3804	0	-0.0032	2.3772	0.2163	0	-0.0015	0.2148
623	10.7	10.4	2.3801	0	-0.0032	2.3769	0.2115	0	0.0031	0.2146
624	10.7	10.4	2.3798	0	-0.0031	2.3767	0.2078	0	0.0077	0.2155
625	10.4	10.4	2.3791	0	-0.0029	2.3762	0.2049	0	0.0089	0.2138
626	10.2	10.4	2.3786	0	-0.003	2.3756	0.1998	0	0.0091	0.2089
627	10.1	10.3	2.3787	0	-0.0031	2.3756	0.2001	0	0.0076	0.2077
628	10.3	10.3	2.3786	0	-0.003	2.3756	0.1986	0	0.0081	0.2067
629	10.3	10.3	2.3781	0	-0.0032	2.3749	0.1952	0	0.0087	0.2038
630	10.5	10.2	2.3778	0	-0.0032	2.3746	0.1913	0	0.0084	0.1997
631	10.2	10.2	2.3781	0	-0.0032	2.3749	0.1891	0	0.0083	0.1974
632	10.1	10.2	2.3778	0	-0.0033	2.3745	0.1916	0	0.0096	0.2012
633	10.3	10.2	2.3777	0	-0.0034	2.3743	0.1963	0	0.0114	0.2077
634	10.3	10.2	2.378	0	-0.0034	2.3746	0.1996	0	0.0133	0.213
635	9.75	10.2	2.3781	0	-0.0033	2.3748	0.1946	0	0.0142	0.2088
636	9.64	10.2	2.3782	0	-0.0031	2.3751	0.1792	0	0.0143	0.1935
637	10.2	10.2	2.3785	0	-0.003	2.3755	0.171	0	0.0135	0.1845
638	10.2	10.3	2.3785	0	-0.0029	2.3756	0.1679	0	0.0115	0.1794
639	10.2	10.3	2.3786	0	-0.0028	2.3758	0.1726	0	0.0121	0.1846
640	9.82	10.2	2.379	0	-0.0026	2.3764	0.1787	0	0.0148	0.1935
641	10.5	10.3	2.3794	0	-0.0026	2.3768	0.1831	0	0.0154	0.1985
642	10.4	10.3	2.3791	0	-0.0027	2.3764	0.185	0	0.0157	0.2006
643	10.4	10.4	2.3786	0	-0.0029	2.3758	0.1896	0	0.0181	0.2077
644	10.7	10.4	2.3786	0	-0.0028	2.3758	0.1952	0	0.0204	0.2156
645	10.5	10.5	2.3791	0	-0.0028	2.3763	0.1951	0	0.0189	0.214
646	10.3	10.6	2.3797	0	-0.0029	2.3768	0.184	0	0.0177	0.2017
647	10.6	10.6	2.3796	0	-0.0029	2.3767	0.1731	0	0.0196	0.1927
648	10.5	10.6	2.379	0	-0.003	2.376	0.1564	0	0.019	0.1754
649	9.89	10.7	2.3784	0	-0.0031	2.3753	0.1396	0	0.0183	0.1579
650	11.1	10.7	2.378	0	-0.0031	2.3749	0.1207	0	0.0164	0.1371
651	10.9	10.8	2.3777	0	-0.003	2.3747	0.1051	0	0.0147	0.1198
652	11.1	10.8	2.3772	0	-0.0031	2.3741	0.0914	0	0.0122	0.1036
653	11.5	10.8	2.3761	0	-0.0032	2.3729	0.0816	0	0.0117	0.0932
654	11.5	10.8	2.3749	0	-0.0032	2.3717	0.0793	0	0.0119	0.0912
655	10.9	10.8	2.3739	0	-0.0032	2.3707	0.0749	0	0.0101	0.0851
656	10.4	10.8	2.3729	0	-0.0032	2.3697	0.0619	0	0.007	0.0689
657	10.5	10.8	2.3722	0	-0.0032	2.369	0.0524	0	0.007	0.0594

658	11.1	10.8	2.3722	0	-0.0034	2.3688	0.0463	0	0.0069	0.0532
659	11.6	10.8	2.3722	0	-0.0035	2.3687	0.0517	0	0.0059	0.0576
660	10.8	10.7	2.3712	0	-0.0035	2.3677	0.0601	0	0.0066	0.0666
661	11.7	10.7	2.3703	0	-0.0034	2.3669	0.0625	0	0.0058	0.0684
662	10.4	10.6	2.3701	0	-0.0032	2.3669	0.0592	0	0.005	0.0642
663	10.7	10.6	2.371	0	-0.0033	2.3677	0.0532	0	0.0044	0.0576
664	10.6	10.5	2.3706	0	-0.0035	2.3671	0.0519	0	0.005	0.0569
665	10.1	10.5	2.3694	0	-0.0035	2.366	0.0526	0	0.0076	0.0602
666	10.2	10.4	2.369	0	-0.0033	2.3657	0.0569	0	0.0085	0.0654
667	10.1	10.4	2.3695	0	-0.0033	2.3662	0.0638	0	0.0053	0.0691
668	9.95	10.4	2.37	0	-0.0034	2.3666	0.0654	0	0.0062	0.0717
669	10.1	10.3	2.3699	0	-0.0035	2.3664	0.0702	0	0.0078	0.0781
670	10.1	10.3	2.3692	0	-0.0034	2.3658	0.072	0	0.0069	0.0789
671	10.3	10.2	2.3687	0	-0.0036	2.365	0.0759	0	0.0079	0.0838
672	9.71	10.2	2.3691	0	-0.0037	2.3653	0.0791	0	0.0065	0.0856
673	10.4	10.1	2.3697	0	-0.0039	2.3658	0.0761	0	0.0053	0.0814
674	10.2	10.1	2.3703	0	-0.004	2.3663	0.0803	0	0.0062	0.0865
675	9.87	10.1	2.3711	0	-0.0041	2.367	0.0824	0	0.0084	0.0908
676	10.2	10.1	2.3713	0	-0.004	2.3673	0.0757	0	0.0083	0.084
677	10.2	10.1	2.3719	0	-0.004	2.3679	0.0676	0	0.0057	0.0733
678	10	10.1	2.3724	0	-0.0038	2.3686	0.0642	0	0.0063	0.0705
679	10.1	10.1	2.3727	0	-0.0036	2.3691	0.061	0	0.0098	0.0707
680	10.2	10.1	2.3729	0	-0.0035	2.3694	0.0538	0	0.0081	0.0618
681	9.96	10	2.3728	0	-0.0036	2.3693	0.0492	0	0.009	0.0582
682	9.63	10	2.3722	0	-0.0037	2.3685	0.056	0	0.009	0.065
683	10	10	2.3717	0	-0.0039	2.3678	0.054	0	0.0082	0.0623
684	10.5	10	2.3719	0	-0.0042	2.3676	0.0501	0	0.0088	0.0589
685	9.93	10.1	2.3729	0	-0.0045	2.3684	0.0512	0	0.009	0.0602
686	10.4	10.1	2.3736	0	-0.0048	2.3688	0.0531	0	0.0115	0.0646
687	9.83	10.1	2.3743	0	-0.0047	2.3695	0.0568	0	0.0139	0.0707
688	9.63	10.1	2.3742	0	-0.0046	2.3696	0.0616	0	0.0136	0.0752
689	9.8	10.1	2.3738	0	-0.0047	2.3691	0.0591	0	0.0135	0.0726
690	9.9	10.1	2.3733	0	-0.0047	2.3685	0.0532	0	0.0151	0.0682
691	9.84	10.2	2.373	0	-0.0047	2.3683	0.0511	0	0.016	0.0671
692	10	10.2	2.3728	0	-0.0047	2.368	0.0548	0	0.016	0.0708
693	10.6	10.2	2.3723	0	-0.0047	2.3675	0.0606	0	0.0161	0.0767
694	10.8	10.2	2.372	0	-0.0046	2.3674	0.0506	0	0.0161	0.0667

695	10.4	10.1	2.3727	0	-0.0046	2.3681	0.0437	0	0.0159	0.0596
696	10.3	10.1	2.3734	0	-0.0044	2.369	0.0508	0	0.0155	0.0664
697	10.9	10.1	2.374	0	-0.0043	2.3697	0.0611	0	0.0164	0.0775
698	9.9	10.1	2.3742	0	-0.0043	2.3699	0.063	0	0.0174	0.0804
699	10.2	10.1	2.3746	0	-0.0041	2.3704	0.0594	0	0.0154	0.0748
700	10.5	10.1	2.3753	0	-0.004	2.3712	0.0595	0	0.0132	0.0727
701	10.3	10.2	2.3756	0	-0.0038	2.3718	0.0629	0	0.015	0.0779
702	9.98	10.2	2.3756	0	-0.0038	2.3718	0.0688	0	0.0168	0.0855
703	9.77	10.2	2.3755	0	-0.0039	2.3716	0.0637	0	0.0155	0.0791
704	9.72	10.2	2.3757	0	-0.004	2.3717	0.0525	0	0.0137	0.0662
705	9.85	10.2	2.3759	0	-0.0039	2.372	0.044	0	0.0139	0.0579
706	9.78	10.1	2.3762	0	-0.0039	2.3723	0.037	0	0.0157	0.0527
707	9.98	10.1	2.3765	0	-0.0039	2.3726	0.0215	0	0.0163	0.0378
708	9.65	10.2	2.3765	0	-0.0037	2.3728	0.0012	0	0.0132	0.0145
709	10.2	10.2	2.3762	0	-0.0036	2.3726	-0.0062	0	0.0094	0.0032
710	10.4	10.3	2.3759	0	-0.0037	2.3722	-0.014	0	0.0071	-0.0069
711	10.4	10.3	2.3755	0	-0.0037	2.3718	-0.0274	0	0.0057	-0.0217
712	10.4	10.3	2.3755	0	-0.0036	2.3718	-0.0383	0	0.0067	-0.0316
713	10.5	10.3	2.3754	0	-0.0037	2.3717	-0.0404	0	0.0098	-0.0306
714	10.3	10.3	2.3752	0	-0.0039	2.3713	-0.0329	0	0.0098	-0.0231
715	10	10.3	2.375	0	-0.004	2.371	-0.0392	0	0.0063	-0.033
716	10.5	10.4	2.3743	0	-0.0038	2.3705	-0.0534	0	0.0052	-0.0482
717	11.3	10.4	2.3736	0	-0.0039	2.3697	-0.0549	0	0.0056	-0.0493
718	11.1	10.4	2.3727	0	-0.004	2.3687	-0.0471	0	0.0055	-0.0416
719	11.3	10.5	2.3725	0	-0.0038	2.3687	-0.0423	0	0.0066	-0.0357
720	10.6	10.5	2.3726	0	-0.0039	2.3687	-0.0442	0	0.0063	-0.038
721	9.85	10.5	2.3726	0	-0.0038	2.3688	-0.0528	0	0.0044	-0.0485
722	10	10.5	2.3727	0	-0.0037	2.369	-0.0622	0	0.0002	-0.0621
723	10.2	10.5	2.3721	0	-0.0038	2.3683	-0.0614	0	-0.0031	-0.0646
724	10.1	10.5	2.3715	0	-0.0039	2.3676	-0.0524	0	-0.0041	-0.0565
725	10.2	10.6	2.3715	0	-0.0038	2.3678	-0.0435	0	-0.0049	-0.0484
726	10.5	10.6	2.3719	0	-0.0036	2.3683	-0.0348	0	-0.0064	-0.0412
727	10.7	10.5	2.3723	0	-0.0037	2.3686	-0.0324	0	-0.0067	-0.039
728	10.9	10.4	2.3725	0	-0.004	2.3685	-0.0282	0	-0.0062	-0.0344
729	11.2	10.3	2.3727	0	-0.004	2.3687	-0.0216	0	-0.002	-0.0236
730	10.6	10.3	2.3729	0	-0.0041	2.3688	-0.0151	0	0.002	-0.0131
731	10.5	10.3	2.3725	0	-0.0041	2.3684	-0.0158	0	0.0047	-0.0111

732	10.2	10.3	2.3724	0	-0.0041	2.3683	-0.0146	0	0.0036	-0.0109
733	10.6	10.3	2.3727	0	-0.0042	2.3684	-0.0201	0	0.0016	-0.0186
734	10.5	10.3	2.3729	0	-0.0043	2.3686	-0.0235	0	-0.0019	-0.0253
735	10.1	10.3	2.3728	0	-0.0044	2.3684	-0.0184	0	-0.0065	-0.0249
736	9.86	10.3	2.3725	0	-0.0045	2.3681	-0.006	0	-0.0097	-0.0157
737	9.71	10.2	2.3723	0	-0.0043	2.368	0.003	0	-0.0116	-0.0085
738	9.59	10.2	2.3726	0	-0.0042	2.3684	0.0113	0	-0.0103	0.001
739	9.7	10.2	2.3732	0	-0.0043	2.369	0.0116	0	-0.01	0.0016
740	10.2	10.2	2.3739	0	-0.0042	2.3697	0.0095	0	-0.0107	-0.0012
741	10.1	10.1	2.3739	0	-0.0042	2.3697	0.0077	0	-0.0109	-0.0031
742	10.3	10.1	2.373	0	-0.0043	2.3687	0.0094	0	-0.0104	-0.001
743	10.1	10.1	2.3736	0	-0.0045	2.3691	0.0116	0	-0.0092	0.0023
744	10	10.1	2.3743	0	-0.0044	2.3698	0.0106	0	-0.0084	0.0021
745	10	10.1	2.374	0	-0.0044	2.3696	0.0103	0	-0.0079	0.0024
746	10.1	10.1	2.3736	0	-0.0045	2.369	0.0178	0	-0.0077	0.0101
747	10.4	10.1	2.3733	0	-0.0047	2.3687	0.024	0	-0.006	0.018
748	10.6	10.2	2.373	0	-0.0046	2.3685	0.0376	0	-0.0055	0.0321
749	10.4	10.3	2.3724	0	-0.0044	2.368	0.0497	0	-0.006	0.0437
750	9.95	10.3	2.3717	0	-0.0046	2.3671	0.0571	0	-0.0044	0.0527
751	10.3	10.3	2.3709	0	-0.0047	2.3662	0.069	0	-0.0033	0.0657
752	10.4	10.3	2.3708	0	-0.0046	2.3662	0.0841	0	-0.0012	0.0829
753	10.3	10.3	2.3708	0	-0.0045	2.3663	0.0882	0	-0.0002	0.088
754	10	10.3	2.3705	0	-0.0046	2.3659	0.0864	0	-0.0007	0.0856
755	9.93	10.3	2.3702	0	-0.0048	2.3654	0.0865	0	-0.0007	0.0858
756	10.2	10.3	2.3708	0	-0.0048	2.366	0.09	0	0.0004	0.0904
757	10.3	10.3	2.3721	0	-0.0046	2.3675	0.0971	0	0.001	0.0981
758	11.4	10.3	2.3728	0	-0.0043	2.3685	0.1093	0	0.0013	0.1105
759	10.9	10.2	2.3736	0	-0.0042	2.3694	0.117	0	0.004	0.121
760	10.4	10.3	2.3739	0	-0.0041	2.3699	0.1134	0	0.0058	0.1192
761	10.1	10.2	2.3741	0	-0.0041	2.3701	0.113	0	0.006	0.1189
762	10.3	10.2	2.3742	0	-0.0042	2.37	0.1133	0	0.0073	0.1206
763	10.4	10.1	2.3742	0	-0.0043	2.37	0.1158	0	0.0091	0.1249
764	9.84	10.1	2.3746	0	-0.0042	2.3704	0.1138	0	0.009	0.1227
765	10.1	10.1	2.3748	0	-0.004	2.3708	0.109	0	0.0069	0.1159
766	9.9	10.1	2.3745	0	-0.0039	2.3706	0.1027	0	0.007	0.1097
767	9.78	10.1	2.3743	0	-0.0039	2.3704	0.0937	0	0.0071	0.1008
768	10.2	10	2.3743	0	-0.0041	2.3702	0.0841	0	0.0065	0.0906

769	10.1	10	2.3743	0	-0.0041	2.3702	0.0711	0	0.0056	0.0767
770	9.88	10	2.3745	0	-0.0039	2.3706	0.0653	0	0.0065	0.0719
771	9.73	10	2.3749	0	-0.0036	2.3713	0.0645	0	0.0048	0.0693
772	9.34	10.1	2.3752	0	-0.0034	2.3718	0.0654	0	0.005	0.0704
773	9.16	10.1	2.3749	0	-0.0035	2.3715	0.0643	0	0.0068	0.0711
774	9.42	10.1	2.3747	0	-0.0035	2.3712	0.0563	0	0.0067	0.063
775	10.3	10.2	2.3745	0	-0.0034	2.3711	0.0479	0	0.0052	0.0531
776	10.7	10.2	2.3746	0	-0.0034	2.3712	0.0473	0	0.007	0.0543
777	10.5	10.2	2.3747	0	-0.0034	2.3713	0.0526	0	0.0108	0.0634
778	10.4	10.2	2.3745	0	-0.0036	2.3709	0.0554	0	0.0114	0.0668
779	10.5	10.3	2.3742	0	-0.0038	2.3704	0.0532	0	0.0105	0.0636
780	10.5	10.3	2.3745	0	-0.004	2.3705	0.0512	0	0.0127	0.0638
781	11.1	10.4	2.3743	0	-0.0039	2.3704	0.0534	0	0.0106	0.064
782	10.8	10.5	2.3743	0	-0.0039	2.3704	0.0527	0	0.008	0.0607
783	10.4	10.5	2.3741	0	-0.0038	2.3703	0.0655	0	0.0071	0.0726
784	10.4	10.5	2.3737	0	-0.0036	2.3701	0.0684	0	0.0056	0.074
785	10.6	10.5	2.3735	0	-0.0035	2.3699	0.0684	0	0.0062	0.0746
786	10.2	10.5	2.3733	0	-0.0036	2.3697	0.0655	0	0.0054	0.071
787	10.7	10.4	2.3731	0	-0.0037	2.3694	0.0609	0	0.0051	0.066
788	10.7	10.4	2.373	0	-0.0036	2.3694	0.059	0	0.0081	0.0672
789	11	10.4	2.3728	0	-0.0037	2.3692	0.0641	0	0.0106	0.0747
790	11	10.4	2.3725	0	-0.0037	2.3688	0.0723	0	0.0092	0.0815
791	10.4	10.4	2.3721	0	-0.0037	2.3684	0.0782	0	0.0084	0.0865
792	9.86	10.4	2.3716	0	-0.0038	2.3678	0.0816	0	0.008	0.0896
793	9.8	10.4	2.3712	0	-0.0039	2.3673	0.0757	0	0.0077	0.0834
794	10.1	10.4	2.371	0	-0.0038	2.3672	0.0854	0	0.0073	0.0927
795	9.73	10.4	2.3709	0	-0.0038	2.3671	0.0985	0	0.009	0.1075
796	10	10.5	2.371	0	-0.0038	2.3672	0.1014	0	0.01	0.1114
797	10.1	10.5	2.3702	0	-0.0038	2.3665	0.0905	0	0.0086	0.099
798	10.3	10.5	2.3692	0	-0.0037	2.3655	0.0821	0	0.0074	0.0894
799	11	10.5	2.3689	0	-0.0037	2.3652	0.0821	0	0.0092	0.0913
800	10.7	10.4	2.3684	0	-0.0037	2.3647	0.0785	0	0.0084	0.0868
801	10	10.5	2.3672	0	-0.0037	2.3635	0.0703	0	0.0036	0.0739
802	10.4	10.5	2.3668	0	-0.0038	2.363	0.0595	0	0.0015	0.061
803	10.9	10.6	2.3669	0	-0.0039	2.363	0.0594	0	0.003	0.0624
804	10.9	10.6	2.3671	0	-0.0039	2.3632	0.0594	0	0.0056	0.065
805	10.8	10.7	2.3669	0	-0.0039	2.363	0.049	0	0.0042	0.0532

806	11	10.7	2.3664	0	-0.004	2.3624	0.0395	0	0.0009	0.0404
807	10.8	10.7	2.3656	0	-0.004	2.3616	0.0428	0	-0.0008	0.042
808	10.6	10.7	2.3648	0	-0.0041	2.3607	0.0572	0	0.0005	0.0577
809	10.6	10.7	2.3649	0	-0.0042	2.3607	0.0674	0	0.002	0.0694
810	11.2	10.6	2.3646	0	-0.0043	2.3603	0.0792	0	0.003	0.0822
811	11.1	10.7	2.3641	0	-0.0044	2.3597	0.0861	0	0.0054	0.0915
812	10.7	10.7	2.3639	0	-0.0046	2.3593	0.0882	0	0.0063	0.0944
813	10.7	10.6	2.364	0	-0.0046	2.3594	0.0885	0	0.0036	0.0921
814	10.8	10.5	2.3643	0	-0.0046	2.3597	0.0894	0	0.003	0.0924
815	10.5	10.5	2.3647	0	-0.0047	2.36	0.0941	0	0.0049	0.0991
816	10	10.4	2.3649	0	-0.0045	2.3604	0.0977	0	0.0064	0.1041
817	10.2	10.4	2.3652	0	-0.0046	2.3606	0.0951	0	0.0056	0.1007
818	10.3	10.4	2.3656	0	-0.0045	2.361	0.0926	0	0.0041	0.0967
819	10.3	10.3	2.366	0	-0.0045	2.3615	0.0945	0	0.0047	0.0991
820	10.4	10.3	2.3661	0	-0.0044	2.3618	0.0966	0	0.0066	0.1032
821	10.6	10.2	2.3661	0	-0.0043	2.3617	0.0989	0	0.0092	0.1081
822	9.74	10.1	2.3663	0	-0.0044	2.3619	0.1029	0	0.0111	0.114
823	9.86	10.1	2.3665	0	-0.0045	2.362	0.1064	0	0.013	0.1194
824	9.73	10	2.3668	0	-0.0044	2.3623	0.1041	0	0.0127	0.1168
825	9.9	10	2.3668	0	-0.0045	2.3623	0.101	0	0.014	0.115
826	9.98	10	2.3666	0	-0.0047	2.3619	0.1005	0	0.0147	0.1152
827	10.1	10	2.3667	0	-0.0048	2.3619	0.1035	0	0.019	0.1226
828	10.2	10	2.3672	0	-0.005	2.3622	0.1122	0	0.0199	0.1322
829	10	10.1	2.3676	0	-0.0053	2.3623	0.1178	0	0.0177	0.1356
830	10	10	2.3676	0	-0.0052	2.3624	0.1192	0	0.0154	0.1346
831	9.34	9.98	2.3673	0	-0.0049	2.3624	0.1256	0	0.0141	0.1397
832	9.36	9.99	2.3659	0	-0.0048	2.3611	0.1278	0	0.0155	0.1433
833	9.83	10	2.3658	0	-0.0048	2.361	0.1299	0	0.0146	0.1445
834	10.3	10	2.366	0	-0.0049	2.3611	0.1236	0	0.0134	0.1369
835	10.4	10.1	2.3662	0	-0.005	2.3613	0.1191	0	0.0118	0.1309
836	10.4	10.1	2.3664	0	-0.005	2.3615	0.1189	0	0.011	0.1299
837	10.4	10.1	2.3664	0	-0.0051	2.3613	0.1192	0	0.01	0.1291
838	10.3	10.1	2.3662	0	-0.0053	2.3609	0.1193	0	0.0101	0.1294
839	10	10.2	2.366	0	-0.0052	2.3608	0.1197	0	0.0113	0.131
840	9.65	10.2	2.3661	0	-0.005	2.361	0.1189	0	0.0101	0.129
841	10	10.2	2.3657	0	-0.005	2.3607	0.1179	0	0.0096	0.1275
842	10.2	10.3	2.3654	0	-0.0051	2.3604	0.1186	0	0.0105	0.129

843	10.4	10.3	2.365	0	-0.0052	2.3598	0.1141	0	0.0097	0.1238
844	10.6	10.3	2.3644	0	-0.0053	2.3591	0.1099	0	0.0076	0.1175
845	10.6	10.3	2.3639	0	-0.0054	2.3585	0.1088	0	0.0079	0.1167
846	10.3	10.3	2.3645	0	-0.0054	2.3591	0.1074	0	0.0076	0.115
847	10	10.3	2.3651	0	-0.0054	2.3597	0.107	0	0.0067	0.1137
848	10.9	10.3	2.3648	0	-0.0055	2.3594	0.098	0	0.0067	0.1047
849	10.6	10.3	2.3646	0	-0.0053	2.3593	0.086	0	0.009	0.095
850	10.2	10.4	2.3647	0	-0.005	2.3597	0.082	0	0.0098	0.0918
851	10	10.4	2.3649	0	-0.0048	2.3601	0.0759	0	0.01	0.0859
852	9.96	10.4	2.3649	0	-0.0049	2.36	0.0646	0	0.01	0.0746
853	10.2	10.5	2.3649	0	-0.0051	2.3598	0.0608	0	0.0088	0.0696
854	10.1	10.5	2.3656	0	-0.005	2.3606	0.0623	0	0.0069	0.0691
855	10.2	10.5	2.3663	0	-0.0049	2.3614	0.0647	0	0.0049	0.0696
856	10.5	10.5	2.3665	0	-0.0047	2.3618	0.0654	0	0.0037	0.0691
857	10.5	10.5	2.3664	0	-0.0046	2.3618	0.0605	0	0.003	0.0635
858	10.4	10.5	2.3661	0	-0.0045	2.3616	0.0517	0	0.0035	0.0553
859	10.9	10.4	2.3656	0	-0.0045	2.3611	0.0461	0	0.003	0.0491
860	10.8	10.4	2.3653	0	-0.0046	2.3607	0.0505	0	0.0017	0.0522
861	10.9	10.5	2.3653	0	-0.0047	2.3606	0.0502	0	0.0002	0.0504
862	11	10.5	2.3653	0	-0.0046	2.3607	0.0462	0	-0.0013	0.0449
863	10.7	10.5	2.3653	0	-0.0046	2.3607	0.0441	0	-0.0024	0.0417
864	10.7	10.5	2.3652	0	-0.0046	2.3605	0.047	0	-0.0011	0.0459
865	10.7	10.4	2.365	0	-0.0046	2.3604	0.0533	0	-0.002	0.0513
866	10.4	10.4	2.365	0	-0.0045	2.3605	0.0607	0	-0.003	0.0577
867	9.86	10.4	2.365	0	-0.0043	2.3607	0.0662	0	-0.0008	0.0655
868	10.2	10.4	2.3648	0	-0.0046	2.3603	0.0724	0	-0.0012	0.0713
869	10.3	10.3	2.3646	0	-0.0048	2.3599	0.0798	0	-0.0007	0.0791
870	10.1	10.3	2.3646	0	-0.0048	2.3598	0.0879	0	0.001	0.0889
871	10.4	10.2	2.3646	0	-0.0047	2.3599	0.0984	0	0.0004	0.0988
872	10.3	10.2	2.3646	0	-0.0047	2.3599	0.1084	0	0.0017	0.1101
873	9.65	10.2	2.3645	0	-0.0048	2.3598	0.116	0	0.0025	0.1185
874	9.87	10.2	2.3646	0	-0.0049	2.3597	0.1238	0	0.0021	0.1259
875	10.2	10.1	2.3645	0	-0.0049	2.3596	0.1262	0	0.0024	0.1286
876	10.2	10.1	2.3642	0	-0.0053	2.359	0.1227	0	0.0009	0.1236
877	9.84	10.1	2.3635	0	-0.0054	2.3581	0.1202	0	-0.0018	0.1183
878	10.1	10.1	2.3628	0	-0.0054	2.3574	0.1214	0	-0.0035	0.1179
879	10.1	10.1	2.3623	0	-0.0053	2.3569	0.1244	0	-0.0055	0.119

880	10.1	10.1	2.3619	0	-0.0054	2.3565	0.128	0	-0.0055	0.1225
881	10.2	10.1	2.3615	0	-0.0055	2.356	0.1252	0	-0.0054	0.1199
882	10.2	10.1	2.3613	0	-0.0054	2.3559	0.1189	0	-0.0035	0.1153
883	10.3	10.1	2.3617	0	-0.0051	2.3566	0.1034	0	-0.0011	0.1023
884	9.92	10.1	2.3618	0	-0.0047	2.357	0.1041	0	0.0012	0.1053
885	10.1	10.1	2.3616	0	-0.0046	2.3569	0.104	0	0.0008	0.1048
886	10.1	10.1	2.3614	0	-0.0046	2.3568	0.1029	0	-0.0004	0.1025
887	10.4	10.1	2.3612	0	-0.0047	2.3565	0.1051	0	-0.0022	0.1029
888	10.1	10.1	2.3611	0	-0.0048	2.3563	0.1047	0	-0.0044	0.1003
889	9.81	10.1	2.3609	0	-0.0047	2.3563	0.1028	0	-0.0054	0.0974
890	10.4	10.1	2.3607	0	-0.0046	2.3561	0.1021	0	-0.0047	0.0974
891	10	10.1	2.3602	0	-0.0047	2.3555	0.1022	0	-0.0042	0.098
892	9.76	10.1	2.3602	0	-0.0048	2.3554	0.0962	0	-0.003	0.0932
893	10.2	10.1	2.3602	0	-0.0047	2.3555	0.0904	0	-0.0036	0.0868
894	9.78	10.1	2.3601	0	-0.0046	2.3555	0.0846	0	-0.005	0.0796
895	9.76	10.1	2.3602	0	-0.0046	2.3556	0.0781	0	-0.0063	0.0718
896	10.3	10.1	2.3603	0	-0.0045	2.3559	0.073	0	-0.0074	0.0656
897	10.1	10.1	2.3604	0	-0.0044	2.356	0.0797	0	-0.008	0.0717
898	10.8	10.1	2.3606	0	-0.0046	2.356	0.0873	0	-0.008	0.0793
899	9.76	10.1	2.3607	0	-0.0047	2.356	0.0853	0	-0.0087	0.0766
900	10.1	10.1	2.3608	0	-0.0047	2.3561	0.0828	0	-0.0066	0.0762
901	10.4	10.1	2.3607	0	-0.0047	2.356	0.0845	0	-0.0062	0.0783
902	10.5	10.1	2.3607	0	-0.0047	2.356	0.0856	0	-0.0058	0.0798
903	10.4	10.1	2.3607	0	-0.0046	2.3561	0.0837	0	-0.0069	0.0768
904	10.1	10.2	2.3606	0	-0.0044	2.3562	0.0855	0	-0.0094	0.0761
905	9.73	10.2	2.3604	0	-0.0043	2.3561	0.1038	0	-0.0061	0.0976
906	9.94	10.1	2.3604	0	-0.0043	2.3561	0.1114	0	-0.0029	0.1085
907	10.2	10.1	2.3604	0	-0.0044	2.356	0.1133	0	-0.0021	0.1112
908	10.2	10.1	2.3602	0	-0.0044	2.3558	0.1133	0	-0.0002	0.1132
909	9.99	10.1	2.3598	0	-0.0044	2.3555	0.114	0	0.0013	0.1153
910	9.74	10.1	2.3596	0	-0.0043	2.3553	0.1145	0	-0.0003	0.1142
911	9.98	10.1	2.3595	0	-0.0043	2.3552	0.1111	0	-0.0019	0.1091
912	10.5	10	2.3595	0	-0.0043	2.3552	0.1118	0	-0.0037	0.1081
913	10.9	10	2.3593	0	-0.0045	2.3548	0.1127	0	-0.0025	0.1101
914	9.75	10	2.359	0	-0.0044	2.3546	0.1141	0	-0.0015	0.1125
915	9.61	10	2.3586	0	-0.0044	2.3542	0.1175	0	-0.0018	0.1157
916	9.67	10.1	2.3583	0	-0.0045	2.3539	0.1245	0	-0.0018	0.1228

917	9.86	10.1	2.358	0	-0.0045	2.3535	0.131	0	0.0024	0.1334
918	10.1	10.1	2.3576	0	-0.0045	2.3531	0.1318	0	0.0039	0.1357
919	10.2	10.1	2.3572	0	-0.0046	2.3526	0.1295	0	0.002	0.1315
920	9.97	10.1	2.3563	0	-0.0044	2.3519	0.1254	0	-0.0001	0.1253
921	9.89	10.1	2.3552	0	-0.0045	2.3507	0.1237	0	-0.0013	0.1223
922	10	10.1	2.3547	0	-0.0047	2.3501	0.1256	0	-0.0012	0.1244
923	9.98	10.1	2.3541	0	-0.0047	2.3494	0.1273	0	0	0.1273
924	10.3	10.1	2.3541	0	-0.0047	2.3495	0.1244	0	-0.0006	0.1238
925	10.7	10.1	2.3545	0	-0.0046	2.35	0.1256	0	-0.002	0.1236
926	10.7	10.1	2.3546	0	-0.0045	2.3501	0.1249	0	-0.0015	0.1234
927	9.82	10.1	2.3546	0	-0.0045	2.3501	0.1207	0	-0.0036	0.1172
928	10.2	10.1	2.3548	0	-0.0045	2.3503	0.1123	0	-0.0026	0.1097
929	10.1	10.1	2.3548	0	-0.0047	2.3501	0.1064	0	-0.0014	0.105
930	10.1	10.1	2.355	0	-0.0046	2.3504	0.1007	0	-0.0026	0.0982
931	10.1	10.1	2.3554	0	-0.0045	2.3508	0.0934	0	-0.0046	0.0888
932	10.1	10.1	2.3555	0	-0.0047	2.3508	0.0897	0	-0.0087	0.0809
933	10.3	10.1	2.3554	0	-0.0049	2.3505	0.0865	0	-0.0086	0.0779
934	10.1	10.1	2.3556	0	-0.005	2.3506	0.0939	0	-0.005	0.0889
935	9.96	10	2.356	0	-0.0049	2.351	0.1014	0	-0.0001	0.1013
936	9.91	9.94	2.3559	0	-0.0047	2.3512	0.1054	0	0.0027	0.1081
937	10	9.94	2.356	0	-0.0047	2.3513	0.1093	0	0.0061	0.1154
938	10.1	9.91	2.3559	0	-0.0047	2.3512	0.1119	0	0.006	0.1179
939	10	9.9	2.3558	0	-0.0047	2.3511	0.1131	0	0.0054	0.1186
940	9.91	9.88	2.3559	0	-0.0046	2.3512	0.108	0	0.0056	0.1135
941	10.1	9.89	2.3561	0	-0.0047	2.3514	0.1065	0	0.0052	0.1117
942	9.53	9.91	2.3564	0	-0.0047	2.3517	0.102	0	0.0045	0.1065
943	9.28	9.9	2.3566	0	-0.0047	2.3519	0.0991	0	0.0037	0.1028
944	9.39	9.87	2.3566	0	-0.0047	2.3519	0.0944	0	0.0044	0.0988
945	9.63	9.9	2.3566	0	-0.0047	2.3519	0.089	0	0.0047	0.0936
946	9.76	9.94	2.3565	0	-0.0046	2.3519	0.0865	0	0.0034	0.0899
947	9.7	9.97	2.3564	0	-0.0046	2.3518	0.0828	0	0.0043	0.0871
948	9.89	9.99	2.3563	0	-0.0046	2.3517	0.084	0	0.0055	0.0896
949	9.87	10	2.3563	0	-0.0046	2.3517	0.086	0	0.0053	0.0913
950	10.3	10	2.3562	0	-0.0043	2.3519	0.0895	0	0.0052	0.0947
951	10.4	10.1	2.3563	0	-0.0042	2.3521	0.0931	0	0.0054	0.0985
952	10.1	10.2	2.3565	0	-0.0042	2.3523	0.0911	0	0.0045	0.0956
953	9.75	10.2	2.3563	0	-0.0042	2.3522	0.0841	0	0.0009	0.085

954	10.4	10.3	2.3552	0	-0.0044	2.3508	0.0796	0	-0.0007	0.0789
955	10.6	10.4	2.3551	0	-0.0046	2.3505	0.0743	0	-0.0016	0.0726
956	10.7	10.4	2.3552	0	-0.0045	2.3506	0.0752	0	0.0005	0.0756
957	10.5	10.5	2.355	0	-0.0046	2.3504	0.0766	0	0.0029	0.0795
958	10.4	10.5	2.3547	0	-0.0046	2.35	0.077	0	0.0029	0.0799
959	10.6	10.5	2.3542	0	-0.0045	2.3497	0.0755	0	0.0017	0.0772
960	10.8	10.6	2.3542	0	-0.0044	2.3498	0.0741	0	0.0014	0.0755
961	11	10.6	2.3541	0	-0.0043	2.3498	0.0774	0	0.002	0.0794
962	10.7	10.6	2.354	0	-0.0043	2.3497	0.0762	0	0.0044	0.0806
963	10.5	10.6	2.3539	0	-0.0044	2.3495	0.0766	0	0.0049	0.0815
964	10.7	10.6	2.3534	0	-0.0045	2.3489	0.0735	0	0.0037	0.0772
965	11	10.6	2.3525	0	-0.0045	2.3481	0.0679	0	0.0044	0.0723
966	10.7	10.6	2.3519	0	-0.0047	2.3472	0.0637	0	0.004	0.0677
967	10.5	10.6	2.3518	0	-0.0047	2.3471	0.0634	0	0.0034	0.0668
968	10.7	10.5	2.3519	0	-0.0048	2.3471	0.0666	0	0.0035	0.07
969	10.7	10.5	2.3521	0	-0.0047	2.3474	0.0604	0	0.0042	0.0645
970	10.4	10.4	2.3522	0	-0.0047	2.3476	0.053	0	0.0013	0.0544
971	10.1	10.4	2.352	0	-0.0046	2.3474	0.0424	0	0.0008	0.0432
972	10.3	10.4	2.3518	0	-0.0047	2.3471	0.033	0	-0.0009	0.0321
973	10.2	10.3	2.3521	0	-0.0047	2.3474	0.0331	0	-0.0029	0.0302
974	10.5	10.3	2.352	0	-0.0047	2.3473	0.0337	0	-0.004	0.0297
975	10.3	10.2	2.352	0	-0.0048	2.3472	0.0364	0	-0.0036	0.0328
976	10.2	10.2	2.3522	0	-0.0049	2.3473	0.0422	0	-0.0036	0.0386
977	10.1	10.2	2.3522	0	-0.0051	2.3471	0.0446	0	-0.0022	0.0423
978	9.74	10.1	2.3521	0	-0.0053	2.3469	0.0456	0	-0.0014	0.0442
979	9.93	10.1	2.3522	0	-0.0051	2.3471	0.0455	0	-0.001	0.0445
980	10.2	10	2.3526	0	-0.0049	2.3476	0.0433	0	-0.0023	0.041
981	9.87	10	2.3525	0	-0.0046	2.3479	0.0459	0	0.0003	0.0462
982	9.71	9.99	2.3526	0	-0.0045	2.3481	0.0468	0	-0.0015	0.0453
983	9.8	9.98	2.3523	0	-0.0046	2.3477	0.0465	0	-0.003	0.0435
984	10	9.99	2.3516	0	-0.0047	2.3469	0.0489	0	-0.0052	0.0437
985	10.2	10	2.351	0	-0.0049	2.3461	0.0547	0	-0.0065	0.0482
986	9.92	10.1	2.3504	0	-0.0052	2.3452	0.0632	0	-0.0061	0.057
987	9.97	10.1	2.35	0	-0.0053	2.3447	0.0685	0	-0.0045	0.0641
988	9.6	10.1	2.3497	0	-0.0053	2.3444	0.0705	0	-0.004	0.0665
989	9.85	10.2	2.3501	0	-0.0052	2.3449	0.07	0	-0.0037	0.0664
990	9.86	10.2	2.3501	0	-0.0051	2.3449	0.0716	0	-0.0027	0.0689

991	9.83	10.3	2.35	0	-0.0051	2.3448	0.0766	0	-0.0012	0.0754
992	10	10.3	2.3503	0	-0.0052	2.3451	0.0859	0	-0.0013	0.0847
993	10.6	10.4	2.3508	0	-0.0051	2.3457	0.0991	0	0.0002	0.0993
994	11.3	10.4	2.3512	0	-0.0051	2.3462	0.1159	0	0.001	0.1169
995	11.3	10.4	2.3515	0	-0.0049	2.3466	0.1209	0	0.001	0.1219
996	10.1	10.4	2.352	0	-0.0049	2.3471	0.1159	0	0.0006	0.1164
997	10.5	10.4	2.352	0	-0.005	2.347	0.1137	0	0.0003	0.114
998	10.9	10.4	2.352	0	-0.0051	2.3469	0.1107	0	0	0.1107
999	11	10.4	2.3517	0	-0.0052	2.3465	0.108	0	0.001	0.109
1000	10.6	10.4	2.3515	0	-0.0052	2.3462	0.1055	0	0.002	0.1075
1001	10.3	10.4	2.3516	0	-0.0052	2.3465	0.1018	0	0.0045	0.1064
1002	10.8	10.4	2.3523	0	-0.0047	2.3475	0.1012	0	0.0055	0.1068
1003	10.4	10.3	2.3527	0	-0.0045	2.3482	0.1022	0	0.0056	0.1079
1004	10	10.3	2.3532	0	-0.0042	2.3489	0.0986	0	0.0074	0.106
1005	9.78	10.2	2.3529	0	-0.0044	2.3485	0.0829	0	0.005	0.0879
1006	10.1	10.2	2.3527	0	-0.0046	2.3482	0.0798	0	0.004	0.0838
1007	9.91	10.2	2.3527	0	-0.0047	2.348	0.0802	0	0.0052	0.0855
1008	9.72	10.2	2.3526	0	-0.0046	2.3481	0.0773	0	0.0054	0.0827
1009	10.2	10.2	2.3524	0	-0.0045	2.3479	0.0695	0	0.0051	0.0746
1010	9.52	10.2	2.3518	0	-0.0045	2.3473	0.0624	0	0.0049	0.0673
1011	9.87	10.2	2.3519	0	-0.0047	2.3471	0.0659	0	0.004	0.0699
1012	9.99	10.2	2.3518	0	-0.0048	2.347	0.0677	0	0.0031	0.0708
1013	9.98	10.2	2.352	0	-0.0049	2.3471	0.0687	0	0.0016	0.0703
1014	10.1	10.3	2.3522	0	-0.0049	2.3473	0.0697	0	-0.0001	0.0696
1015	10.3	10.3	2.3522	0	-0.0048	2.3474	0.0665	0	-0.0006	0.0659
1016	10.4	10.4	2.352	0	-0.0048	2.3472	0.0585	0	-0.0006	0.0579
1017	10.2	10.4	2.3513	0	-0.0048	2.3465	0.052	0	-0.0036	0.0484
1018	11.1	10.4	2.3516	0	-0.0049	2.3467	0.0511	0	-0.006	0.0451
1019	10.7	10.4	2.3519	0	-0.0047	2.3472	0.0534	0	-0.0084	0.045
1020	10.4	10.4	2.3521	0	-0.0045	2.3476	0.0599	0	-0.0085	0.0514
1021	10.7	10.5	2.3519	0	-0.0044	2.3475	0.0652	0	-0.0081	0.0571
1022	11	10.5	2.3514	0	-0.0044	2.347	0.0667	0	-0.0082	0.0585
1023	11	10.5	2.3507	0	-0.0043	2.3464	0.0697	0	-0.0088	0.0609
1024	11	10.5	2.3505	0	-0.0043	2.3462	0.0849	0	-0.008	0.077
1025	10.8	10.5	2.3503	0	-0.0042	2.3461	0.0869	0	-0.0071	0.0798
1026	10.5	10.4	2.3501	0	-0.0043	2.3459	0.0909	0	-0.0076	0.0832
1027	10.3	10.4	2.35	0	-0.0044	2.3457	0.0961	0	-0.009	0.087

1028	10.1	10.4	2.3502	0	-0.0044	2.3458	0.0973	0	-0.0107	0.0866
1029	10	10.4	2.3505	0	-0.0045	2.346	0.0949	0	-0.0123	0.0826
1030	10.2	10.4	2.3504	0	-0.0047	2.3458	0.0954	0	-0.0119	0.0835
1031	10.4	10.4	2.3507	0	-0.0044	2.3463	0.1007	0	-0.0102	0.0905
1032	10	10.4	2.3509	0	-0.0044	2.3465	0.1082	0	-0.007	0.1012
1033	10.1	10.4	2.3506	0	-0.0044	2.3462	0.1075	0	-0.0069	0.1006
1034	9.92	10.3	2.3501	0	-0.0043	2.3458	0.1034	0	-0.0065	0.0969
1035	9.82	10.3	2.3496	0	-0.0043	2.3453	0.1024	0	-0.0068	0.0956
1036	10.1	10.3	2.3491	0	-0.0043	2.3448	0.107	0	-0.0088	0.0981
1037	10.3	10.3	2.3489	0	-0.0043	2.3446	0.11	0	-0.0131	0.0969
1038	10.2	10.3	2.3489	0	-0.0044	2.3445	0.108	0	-0.014	0.094
1039	10.3	10.3	2.3486	0	-0.0045	2.3442	0.1105	0	-0.0139	0.0966
1040	10.9	10.3	2.3482	0	-0.0045	2.3437	0.1153	0	-0.0106	0.1047
1041	11.1	10.3	2.3475	0	-0.0046	2.343	0.1093	0	-0.0094	0.0999
1042	10.6	10.3	2.3465	0	-0.0047	2.3417	0.1052	0	-0.0083	0.0969
1043	10.3	10.3	2.345	0	-0.0048	2.3402	0.1087	0	-0.0076	0.1011
1044	10.1	10.3	2.3445	0	-0.0048	2.3397	0.1175	0	-0.007	0.1105
1045	10.4	10.4	2.345	0	-0.0047	2.3403	0.1256	0	-0.007	0.1186
1046	10.2	10.4	2.3452	0	-0.0046	2.3405	0.1243	0	-0.007	0.1174
1047	10.2	10.4	2.3453	0	-0.0046	2.3407	0.1295	0	-0.0061	0.1233
1048	10.4	10.4	2.3455	0	-0.0047	2.3408	0.1306	0	-0.0054	0.1252
1049	10.4	10.4	2.3458	0	-0.0048	2.341	0.1299	0	-0.0053	0.1247
1050	10.2	10.3	2.3461	0	-0.0048	2.3413	0.1241	0	-0.005	0.1191
1051	10.7	10.2	2.3462	0	-0.0048	2.3414	0.1176	0	-0.0054	0.1122
1052	10.2	10.2	2.3463	0	-0.0048	2.3415	0.1195	0	-0.0046	0.115
1053	9.81	10.2	2.3465	0	-0.0049	2.3416	0.1285	0	-0.0013	0.1271
1054	10.6	10.1	2.3469	0	-0.0049	2.342	0.1376	0	0.0004	0.138
1055	10.5	10.1	2.3471	0	-0.005	2.3422	0.1488	0	0.0021	0.1509
1056	10.3	10.1	2.3471	0	-0.0051	2.3421	0.1487	0	0.0009	0.1496
1057	10.1	10.1	2.3473	0	-0.0051	2.3422	0.1471	0	-0.0007	0.1464
1058	9.87	10.1	2.3477	0	-0.0051	2.3426	0.153	0	-0.0005	0.1524
1059	9.54	10	2.348	0	-0.005	2.343	0.1508	0	-0.0005	0.1503
1060	9.5	10	2.3476	0	-0.0048	2.3428	0.1424	0	0.002	0.1443
1061	10.3	9.97	2.3473	0	-0.0046	2.3427	0.1318	0	0.003	0.1348
1062	9.82	9.94	2.3472	0	-0.0045	2.3427	0.1308	0	0.0009	0.1317
1063	9.51	9.94	2.3469	0	-0.0044	2.3425	0.13	0	0.0007	0.1307
1064	9.61	9.92	2.3468	0	-0.0044	2.3424	0.1288	0	-0.0023	0.1265

1065	9.98	9.95	2.3467	0	-0.0044	2.3423	0.13	0	-0.0034	0.1267
1066	10.3	9.96	2.3467	0	-0.0043	2.3424	0.1311	0	-0.0024	0.1287
1067	9.87	9.95	2.3467	0	-0.0041	2.3426	0.1289	0	-0.0025	0.1264
1068	9.82	9.95	2.3465	0	-0.0039	2.3426	0.1209	0	-0.003	0.1179
1069	10	9.98	2.3461	0	-0.0039	2.3422	0.1196	0	-0.0039	0.1158
1070	9.8	10	2.3457	0	-0.0039	2.3419	0.1171	0	-0.0019	0.1152
1071	9.52	10.1	2.3454	0	-0.0038	2.3416	0.1177	0	0.0018	0.1195
1072	9.91	10.1	2.3449	0	-0.0038	2.341	0.1175	0	0.003	0.1205
1073	10.2	10.2	2.3436	0	-0.0039	2.3397	0.113	0	0.0033	0.1163
1074	11	10.3	2.3433	0	-0.004	2.3393	0.1068	0	0.0044	0.1112
1075	10.4	10.3	2.3429	0	-0.004	2.3389	0.1054	0	0.0051	0.1105
1076	9.99	10.4	2.3426	0	-0.004	2.3386	0.106	0	0.0057	0.1118
1077	9.93	10.5	2.3425	0	-0.004	2.3384	0.1084	0	0.0043	0.1127
1078	10.1	10.5	2.3426	0	-0.004	2.3386	0.1074	0	0.0052	0.1126
1079	10.4	10.5	2.3427	0	-0.0039	2.3388	0.11	0	0.0043	0.1142
1080	10.7	10.6	2.3425	0	-0.0039	2.3386	0.1115	0	0.0025	0.114
1081	11.4	10.6	2.3417	0	-0.0039	2.3378	0.1105	0	0	0.1105
1082	10.5	10.7	2.3419	0	-0.0038	2.3381	0.1121	0	0.002	0.1141
1083	11.1	10.7	2.342	0	-0.0039	2.338	0.1118	0	0.002	0.1138
1084	11.6	10.7	2.3414	0	-0.0041	2.3374	0.1085	0	0.002	0.1105
1085	11.4	10.7	2.3403	0	-0.004	2.3363	0.1045	0	0.0025	0.107
1086	11	10.7	2.3394	0	-0.0039	2.3355	0.0986	0	0.003	0.1016
1087	10.8	10.6	2.3392	0	-0.0039	2.3353	0.0933	0	0.0037	0.097
1088	10.6	10.6	2.3387	0	-0.0039	2.3348	0.0926	0	0.005	0.0976
1089	10.4	10.6	2.3386	0	-0.0042	2.3344	0.093	0	0.0048	0.0978
1090	10.6	10.6	2.3391	0	-0.0042	2.3349	0.0907	0	0.0036	0.0942
1091	10.4	10.5	2.3395	0	-0.0043	2.3352	0.0873	0	0.004	0.0913
1092	10.5	10.5	2.3394	0	-0.0044	2.335	0.0839	0	0.0033	0.0871
1093	10.8	10.5	2.339	0	-0.0044	2.3346	0.0745	0	0.001	0.0755
1094	10.6	10.4	2.3387	0	-0.0044	2.3343	0.0591	0	-0.0011	0.058
1095	9.65	10.3	2.3391	0	-0.0042	2.3349	0.0549	0	-0.002	0.0529
1096	9.72	10.3	2.3391	0	-0.0043	2.3348	0.0609	0	-0.0007	0.0602
1097	9.91	10.3	2.339	0	-0.0044	2.3345	0.0618	0	0.0018	0.0636
1098	9.9	10.2	2.339	0	-0.0046	2.3344	0.0642	0	0.0029	0.0671
1099	10.2	10.2	2.3393	0	-0.0047	2.3346	0.0652	0	0.0012	0.0665
1100	10.7	10.2	2.3397	0	-0.0047	2.335	0.0669	0	0	0.0669
1101	10.2	10.1	2.3397	0	-0.0047	2.335	0.0695	0	0.0009	0.0705

1102	10.1	10.1	2.3394	0	-0.0046	2.3348	0.0718	0	0.0013	0.0731
1103	10	10	2.339	0	-0.0045	2.3344	0.0745	0	0	0.0745
1104	10.2	9.97	2.3383	0	-0.0044	2.3338	0.0779	0	-0.0007	0.0772
1105	10.3	9.97	2.338	0	-0.0044	2.3336	0.0831	0	0.001	0.0841
1106	10.2	9.98	2.338	0	-0.0045	2.3335	0.0871	0	0.0012	0.0883
1107	9.66	9.98	2.3374	0	-0.0046	2.3328	0.0867	0	0.0004	0.0871
1108	10.5	9.98	2.3376	0	-0.0045	2.333	0.0894	0	-0.0011	0.0883
1109	9.99	9.96	2.3382	0	-0.0047	2.3335	0.0936	0	-0.0009	0.0927
1110	9.5	9.94	2.3387	0	-0.0048	2.3339	0.0942	0	0.0012	0.0954
1111	9.45	9.94	2.3388	0	-0.0048	2.334	0.0883	0	0.0026	0.0909
1112	9.5	9.95	2.3388	0	-0.0049	2.334	0.0868	0	0.0027	0.0895
1113	9.69	9.96	2.3391	0	-0.0046	2.3345	0.0902	0	0.0054	0.0956
1114	9.75	9.97	2.3392	0	-0.0045	2.3347	0.0898	0	0.0068	0.0966
1115	9.85	9.96	2.3391	0	-0.0046	2.3346	0.0918	0	0.0057	0.0975
1116	9.92	9.94	2.3391	0	-0.0046	2.3345	0.092	0	0.0035	0.0954
1117	9.89	9.98	2.3392	0	-0.0045	2.3347	0.091	0	0.0018	0.0928
1118	9.8	9.95	2.3396	0	-0.0045	2.3351	0.0912	0	0.003	0.0942
1119	10.3	9.96	2.3402	0	-0.0045	2.3357	0.0912	0	0.0047	0.0959
1120	10.2	10	2.3403	0	-0.0047	2.3356	0.0948	0	0.006	0.1008
1121	10.3	10.1	2.3402	0	-0.0047	2.3355	0.1033	0	0.0073	0.1106
1122	10.2	10.1	2.3401	0	-0.0047	2.3354	0.1069	0	0.0094	0.1162
1123	10.2	10.2	2.3401	0	-0.0047	2.3353	0.1035	0	0.011	0.1145
1124	10.2	10.2	2.3399	0	-0.0048	2.3351	0.0893	0	0.0106	0.0999
1125	9.94	10.2	2.3397	0	-0.0048	2.3349	0.0843	0	0.0096	0.0939
1126	10.4	10.3	2.3393	0	-0.0047	2.3346	0.08	0	0.011	0.091
1127	9.93	10.3	2.3393	0	-0.0049	2.3344	0.0756	0	0.011	0.0866
1128	10.3	10.3	2.3392	0	-0.0048	2.3344	0.0804	0	0.0113	0.0918
1129	10.3	10.3	2.3393	0	-0.0047	2.3346	0.0852	0	0.0123	0.0975
1130	10.5	10.3	2.3394	0	-0.0047	2.3347	0.0855	0	0.014	0.0995
1131	10.6	10.3	2.3395	0	-0.0046	2.3349	0.0822	0	0.0142	0.0964
1132	10.3	10.3	2.3397	0	-0.0046	2.3351	0.075	0	0.0151	0.0901
1133	10.9	10.3	2.3397	0	-0.0046	2.3351	0.0758	0	0.0168	0.0927
1134	10.4	10.2	2.3397	0	-0.0046	2.3351	0.0752	0	0.0147	0.0899
1135	10.2	10.2	2.3398	0	-0.0046	2.3352	0.0672	0	0.0141	0.0813
1136	10.2	10.2	2.3397	0	-0.0047	2.3351	0.0577	0	0.0159	0.0736
1137	10.2	10.2	2.3396	0	-0.0048	2.3348	0.0508	0	0.0183	0.0691
1138	9.97	10.2	2.3396	0	-0.0049	2.3347	0.0459	0	0.0192	0.065

1139	9.98	10.2	2.3396	0	-0.0048	2.3348	0.0349	0	0.0199	0.0547
1140	10.8	10.2	2.3395	0	-0.0049	2.3346	0.03	0	0.0157	0.0457
1141	9.89	10.2	2.3391	0	-0.0049	2.3342	0.0361	0	0.0156	0.0517
1142	9.9	10.3	2.339	0	-0.0048	2.3342	0.0404	0	0.0144	0.0548
1143	9.74	10.2	2.3391	0	-0.0047	2.3344	0.0385	0	0.0123	0.0508
1144	9.59	10.2	2.339	0	-0.0046	2.3344	0.032	0	0.01	0.042
1145	9.82	10.3	2.3389	0	-0.0046	2.3343	0.0279	0	0.0103	0.0383
1146	10.5	10.3	2.339	0	-0.0048	2.3342	0.0289	0	0.0127	0.0417
1147	10.7	10.2	2.3389	0	-0.0049	2.334	0.0274	0	0.014	0.0414
1148	10.5	10.2	2.339	0	-0.0048	2.3342	0.0261	0	0.0127	0.0388
1149	10.5	10.2	2.3391	0	-0.0048	2.3343	0.0256	0	0.0096	0.0352
1150	10.5	10.1	2.3391	0	-0.0049	2.3342	0.0252	0	0.0066	0.0318
1151	10.5	10.1	2.339	0	-0.0049	2.3341	0.026	0	0.0019	0.0279
1152	10.6	10.1	2.3389	0	-0.0048	2.3341	0.0259	0	0.0011	0.027
1153	10.6	10.1	2.3387	0	-0.0048	2.3339	0.0251	0	0.0036	0.0287
1154	10.3	10.1	2.3386	0	-0.005	2.3336	0.0184	0	0.0069	0.0253
1155	10.2	10.2	2.3384	0	-0.0051	2.3333	0.0108	0	0.0092	0.0199
1156	9.68	10.2	2.3385	0	-0.0051	2.3334	0.0101	0	0.0091	0.0192
1157	9.5	10.1	2.3384	0	-0.005	2.3333	0.0123	0	0.0064	0.0187
1158	9.7	10.1	2.3384	0	-0.0051	2.3333	0.0054	0	0.0022	0.0076
1159	9.82	10.1	2.3385	0	-0.0051	2.3334	0.0046	0	-0.0002	0.0044
1160	9.65	10.1	2.3388	0	-0.0051	2.3337	0.0109	0	-0.002	0.009
1161	9.67	10	2.3387	0	-0.0049	2.3338	0.0147	0	-0.0022	0.0125
1162	9.72	10	2.3381	0	-0.005	2.3331	0.0167	0	-0.0023	0.0144
1163	10.3	10	2.3379	0	-0.0051	2.3329	0.0179	0	-0.0011	0.0168
1164	10.3	10	2.3376	0	-0.005	2.3326	0.0208	0	0.0016	0.0224
1165	10.3	10.1	2.3375	0	-0.0047	2.3328	0.0221	0	0.0005	0.0226
1166	10	10.1	2.3376	0	-0.0045	2.3331	0.0225	0	-0.0008	0.0217
1167	9.87	10.2	2.3376	0	-0.0044	2.3332	0.0231	0	-0.0016	0.0215
1168	10.4	10.2	2.3374	0	-0.0044	2.333	0.026	0	-0.0019	0.0241
1169	10.2	10.2	2.3366	0	-0.0045	2.3321	0.03	0	-0.0035	0.0264
1170	9.69	10.3	2.3354	0	-0.0046	2.3308	0.0369	0	-0.0034	0.0335
1171	10.3	10.3	2.3347	0	-0.0047	2.3299	0.0384	0	-0.0038	0.0346
1172	10.7	10.4	2.3345	0	-0.0049	2.3296	0.0361	0	-0.0035	0.0326
1173	10.7	10.4	2.3347	0	-0.005	2.3297	0.0344	0	-0.0054	0.029
1174	10.7	10.5	2.3349	0	-0.005	2.3299	0.0365	0	-0.0083	0.0282
1175	10.8	10.5	2.3349	0	-0.0051	2.3298	0.0354	0	-0.0074	0.0281

1176	11.2	10.5	2.335	0	-0.0051	2.3299	0.0331	0	-0.0054	0.0277
1177	10.2	10.6	2.3345	0	-0.0052	2.3293	0.0301	0	-0.004	0.0261
1178	9.85	10.6	2.3341	0	-0.0053	2.3289	0.0298	0	-0.0066	0.0232
1179	10.3	10.6	2.3341	0	-0.0053	2.3288	0.0277	0	-0.0075	0.0202
1180	10.9	10.6	2.3343	0	-0.0053	2.329	0.0299	0	-0.0073	0.0226
1181	11.1	10.6	2.3342	0	-0.0054	2.3288	0.028	0	-0.0055	0.0225
1182	11	10.5	2.3343	0	-0.0055	2.3288	0.0308	0	-0.0032	0.0275
1183	10.8	10.5	2.3345	0	-0.0054	2.329	0.0322	0	-0.003	0.0292
1184	10.6	10.5	2.3347	0	-0.0055	2.3292	0.0294	0	-0.0024	0.0271
1185	10.6	10.4	2.3346	0	-0.0056	2.329	0.0295	0	-0.001	0.0286
1186	10.7	10.4	2.3344	0	-0.0057	2.3286	0.0326	0	0	0.0326
1187	10.3	10.4	2.3346	0	-0.0058	2.3288	0.0323	0	-0.0004	0.0319
1188	10.1	10.4	2.3352	0	-0.0059	2.3293	0.0284	0	-0.0008	0.0276
1189	10.2	10.4	2.3356	0	-0.0057	2.3299	0.027	0	0.0003	0.0273
1190	9.93	10.4	2.3355	0	-0.0058	2.3298	0.0301	0	0.0033	0.0333
1191	9.84	10.3	2.3354	0	-0.0058	2.3297	0.031	0	0.0044	0.0354
1192	10.1	10.3	2.3356	0	-0.0056	2.3299	0.0284	0	0.0023	0.0307
1193	10.5	10.3	2.3358	0	-0.0054	2.3304	0.0315	0	-0.0005	0.031
1194	10.1	10.3	2.3359	0	-0.0054	2.3305	0.0367	0	-0.0012	0.0355
1195	10.2	10.3	2.3362	0	-0.0055	2.3307	0.0337	0	-0.0005	0.0331
1196	10.1	10.3	2.3364	0	-0.0057	2.3307	0.0292	0	0.0016	0.0308
1197	9.9	10.4	2.3364	0	-0.0057	2.3306	0.0334	0	0.0008	0.0343
1198	10.1	10.4	2.3364	0	-0.0056	2.3309	0.0352	0	-0.0028	0.0324
1199	10.7	10.4	2.3368	0	-0.0054	2.3314	0.0424	0	-0.0027	0.0398
1200	10.3	10.5	2.3371	0	-0.0049	2.3322	0.0505	0	-0.002	0.0485
1201	10.4	10.5	2.3371	0	-0.0048	2.3323	0.0585	0	-0.0029	0.0556
1202	10.6	10.5	2.3369	0	-0.005	2.332	0.0695	0	-0.0033	0.0662
1203	10.8	10.5	2.3371	0	-0.0052	2.3319	0.072	0	-0.0011	0.0709
1204	10.9	10.5	2.3372	0	-0.0054	2.3318	0.0694	0	0.0018	0.0712
1205	11.1	10.6	2.337	0	-0.0054	2.3317	0.068	0	0.0028	0.0708
1206	11	10.6	2.3368	0	-0.0052	2.3316	0.0641	0	0.004	0.0681
1207	10.7	10.6	2.3369	0	-0.0048	2.332	0.0615	0	0.0044	0.0659
1208	10.6	10.6	2.3371	0	-0.0045	2.3326	0.0596	0	0.0037	0.0634
1209	10.9	10.6	2.3371	0	-0.0045	2.3326	0.0586	0	0.0044	0.063
1210	10.9	10.7	2.3372	0	-0.0046	2.3326	0.0611	0	0.0047	0.0658
1211	10.5	10.6	2.3371	0	-0.0046	2.3325	0.0633	0	0.0039	0.0672
1212	10.2	10.6	2.337	0	-0.0048	2.3323	0.0633	0	0.0024	0.0656

1213	10.2	10.6	2.337	0	-0.0048	2.3322	0.0615	0	-0.0019	0.0596
1214	10.6	10.6	2.337	0	-0.0046	2.3324	0.0604	0	-0.0028	0.0576
1215	10.6	10.5	2.3369	0	-0.0045	2.3324	0.0584	0	-0.0025	0.0559
1216	10.5	10.5	2.3368	0	-0.0044	2.3324	0.0573	0	-0.0011	0.0562
1217	10.8	10.5	2.3366	0	-0.0043	2.3323	0.0617	0	0.0013	0.063
1218	10.7	10.5	2.3366	0	-0.0041	2.3325	0.0663	0	0.0034	0.0697
1219	10.4	10.5	2.3365	0	-0.0042	2.3323	0.0691	0	0.0039	0.073
1220	10.3	10.5	2.3364	0	-0.0043	2.3322	0.0678	0	0.003	0.0708
1221	10.3	10.5	2.3366	0	-0.0043	2.3322	0.0612	0	0.0013	0.0625
1222	10.2	10.5	2.3367	0	-0.0042	2.3325	0.0601	0	-0.0011	0.059
1223	10.4	10.5	2.3364	0	-0.0039	2.3325	0.0685	0	-0.0019	0.0666
1224	10.4	10.5	2.3364	0	-0.0041	2.3323	0.0776	0	-0.0001	0.0775
1225	10.3	10.5	2.3364	0	-0.0042	2.3322	0.0802	0	0.0018	0.0821
1226	10.6	10.5	2.3363	0	-0.0043	2.332	0.0758	0	0.0008	0.0766
1227	10.7	10.4	2.3363	0	-0.0042	2.3321	0.0714	0	0	0.0714
1228	10.7	10.4	2.3365	0	-0.0041	2.3324	0.0599	0	-0.0008	0.0591
1229	11.1	10.4	2.3363	0	-0.004	2.3323	0.0537	0	-0.0033	0.0504
1230	11	10.4	2.3366	0	-0.0041	2.3325	0.0533	0	-0.0047	0.0486
1231	10.4	10.4	2.3364	0	-0.0043	2.3321	0.057	0	-0.0052	0.0518
1232	10.2	10.4	2.3365	0	-0.0043	2.3322	0.0594	0	-0.0056	0.0537
1233	10.3	10.4	2.3368	0	-0.0044	2.3324	0.0619	0	-0.0062	0.0557
1234	10.3	10.3	2.3367	0	-0.0045	2.3322	0.0632	0	-0.0064	0.0569
1235	10.2	10.3	2.3365	0	-0.0046	2.3319	0.0639	0	-0.0076	0.0563
1236	9.9	10.3	2.3365	0	-0.0046	2.3319	0.0626	0	-0.009	0.0536
1237	9.9	10.3	2.3368	0	-0.0047	2.3321	0.0631	0	-0.0119	0.0511
1238	10.6	10.3	2.3369	0	-0.0049	2.332	0.0648	0	-0.0145	0.0503
1239	10.3	10.2	2.3366	0	-0.0051	2.3314	0.0743	0	-0.016	0.0583
1240	9.84	10.2	2.3364	0	-0.0053	2.331	0.0868	0	-0.0139	0.0729
1241	10.2	10.2	2.3363	0	-0.0051	2.3312	0.0929	0	-0.0136	0.0793
1242	10.2	10.2	2.3359	0	-0.0048	2.3311	0.0903	0	-0.0135	0.0769
1243	9.78	10.2	2.3354	0	-0.0046	2.3308	0.0837	0	-0.0113	0.0724
1244	10.1	10.2	2.3357	0	-0.0045	2.3311	0.0825	0	-0.009	0.0735
1245	10.6	10.2	2.336	0	-0.0048	2.3312	0.0851	0	-0.009	0.0761
1246	10.3	10.2	2.3357	0	-0.0049	2.3308	0.0908	0	-0.0103	0.0805
1247	10	10.2	2.3354	0	-0.0046	2.3308	0.0954	0	-0.0133	0.0821
1248	10	10.2	2.3347	0	-0.0046	2.3302	0.0996	0	-0.0143	0.0852
1249	10.1	10.2	2.334	0	-0.0046	2.3294	0.1061	0	-0.0134	0.0927

1250	10.2	10.2	2.3332	0	-0.0046	2.3286	0.1147	0	-0.0097	0.105
1251	10.2	10.2	2.3321	0	-0.0046	2.3275	0.122	0	-0.0033	0.1187
1252	10.6	10.2	2.3317	0	-0.0047	2.327	0.123	0	-0.0007	0.1223
1253	10.4	10.2	2.3317	0	-0.005	2.3268	0.118	0	-0.0007	0.1174
1254	10.4	10.2	2.3318	0	-0.0053	2.3265	0.1172	0	-0.0026	0.1146
1255	10.2	10.1	2.332	0	-0.0055	2.3265	0.1174	0	-0.0055	0.1119
1256	10.1	10.1	2.3323	0	-0.0055	2.3268	0.1141	0	-0.0077	0.1064
1257	10.3	10.1	2.3324	0	-0.0054	2.327	0.112	0	-0.0067	0.1053
1258	10.1	10	2.3325	0	-0.0055	2.327	0.1118	0	-0.0006	0.1111
1259	10.2	10	2.3324	0	-0.0056	2.3269	0.1154	0	0.0023	0.1177
1260	9.96	10	2.3324	0	-0.0055	2.327	0.1148	0	0.002	0.1168
1261	9.82	10	2.3323	0	-0.0051	2.3272	0.1157	0	0.0017	0.1174
1262	10.2	10	2.332	0	-0.0048	2.3272	0.1215	0	0.003	0.1244
1263	9.43	10	2.3319	0	-0.0048	2.3271	0.1324	0	0.0036	0.136
1264	9.52	9.98	2.3317	0	-0.0047	2.327	0.1362	0	0.0042	0.1404
1265	9.81	9.94	2.3318	0	-0.0046	2.3271	0.1394	0	0.0054	0.1447
1266	9.66	9.9	2.3314	0	-0.0047	2.3268	0.1412	0	0.0054	0.1466
1267	9.64	9.84	2.3309	0	-0.0047	2.3262	0.1416	0	0.0054	0.147
1268	10	9.8	2.3305	0	-0.0048	2.3257	0.1385	0	0.0048	0.1432
1269	10.2	9.79	2.3299	0	-0.0048	2.3251	0.1365	0	0.0055	0.1421
1270	10.3	9.78	2.3293	0	-0.0047	2.3245	0.1355	0	0.0054	0.1409
1271	10.5	9.77	2.3287	0	-0.0046	2.3241	0.1362	0	0.0039	0.1401
1272	10	9.76	2.3276	0	-0.0047	2.3229	0.1363	0	0.0025	0.1389
1273	9.7	9.78	2.3269	0	-0.0049	2.322	0.1348	0	0.0044	0.1391
1274	9.51	9.79	2.3269	0	-0.0051	2.3217	0.1338	0	0.0052	0.139
1275	9.15	9.78	2.3273	0	-0.0052	2.3222	0.134	0	0.002	0.136
1276	9.29	9.79	2.3279	0	-0.0051	2.3228	0.1367	0	-0.0004	0.1364
1277	9.32	9.81	2.3285	0	-0.0051	2.3234	0.1379	0	-0.0006	0.1373
1278	9.96	9.83	2.3287	0	-0.0049	2.3238	0.137	0	0.0012	0.1382
1279	9.77	9.83	2.3288	0	-0.0048	2.324	0.1335	0	0.0043	0.1378
1280	9.78	9.81	2.3286	0	-0.0048	2.3238	0.1306	0	0.0066	0.1372
1281	9.94	9.76	2.3283	0	-0.0048	2.3234	0.1316	0	0.006	0.1376
1282	9.86	9.75	2.3281	0	-0.0049	2.3232	0.1292	0	0.0048	0.134
1283	9.58	9.75	2.3281	0	-0.0048	2.3233	0.1302	0	0.005	0.1352
1284	9.59	9.81	2.3283	0	-0.0047	2.3236	0.1336	0	0.0038	0.1373
1285	9.92	9.86	2.3283	0	-0.0047	2.3236	0.1343	0	0.0014	0.1356
1286	10.1	9.9	2.3281	0	-0.0045	2.3235	0.1358	0	0.0022	0.138

1287	10.3	9.95	2.3281	0	-0.0044	2.3238	0.1406	0	0.0036	0.1442
1288	10.2	9.99	2.3278	0	-0.0043	2.3235	0.1563	0	0.0019	0.1582
1289	9.91	10	2.3269	0	-0.0043	2.3226	0.1656	0	-0.0013	0.1642
1290	9.6	10.1	2.3262	0	-0.0044	2.3218	0.1641	0	-0.0045	0.1596
1291	9.72	10.1	2.3264	0	-0.0044	2.322	0.1627	0	-0.0059	0.1568
1292	9.68	10.1	2.3272	0	-0.0045	2.3227	0.163	0	-0.0037	0.1593
1293	10.7	10.1	2.3276	0	-0.0045	2.3231	0.1594	0	-0.0007	0.1587
1294	10.2	10.2	2.3274	0	-0.0045	2.3229	0.1554	0	0.0015	0.1569
1295	9.91	10.2	2.3271	0	-0.0044	2.3227	0.1569	0	0.0028	0.1597
1296	10.3	10.2	2.3268	0	-0.0044	2.3225	0.1623	0	0.002	0.1643
1297	10.7	10.2	2.3264	0	-0.0043	2.3221	0.1652	0	0.0011	0.1663
1298	10.5	10.2	2.3258	0	-0.0042	2.3216	0.1663	0	0.0039	0.1702
1299	10.2	10.2	2.3253	0	-0.0044	2.3209	0.1588	0	0.0044	0.1632
1300	9.89	10.2	2.3249	0	-0.0046	2.3203	0.1484	0	0.0047	0.1531
1301	9.86	10.2	2.3248	0	-0.0047	2.3201	0.1353	0	0.005	0.1403
1302	10.4	10.2	2.3251	0	-0.0049	2.3202	0.1179	0	0.004	0.1219
1303	10.9	10.2	2.3254	0	-0.005	2.3204	0.1093	0	0.0021	0.1114
1304	10.9	10.1	2.3255	0	-0.0048	2.3206	0.1085	0	-0.0007	0.1078
1305	10.3	10.1	2.3256	0	-0.0046	2.321	0.1097	0	-0.0032	0.1064
1306	9.74	10.1	2.3256	0	-0.0045	2.3211	0.1146	0	-0.0069	0.1077
1307	9.77	10.1	2.3257	0	-0.0048	2.3209	0.1203	0	-0.0075	0.1128
1308	9.7	10	2.3256	0	-0.0047	2.3208	0.122	0	-0.007	0.115
1309	9.88	10	2.3256	0	-0.0047	2.3209	0.1229	0	-0.0096	0.1133
1310	10	10	2.3256	0	-0.0047	2.3209	0.1246	0	-0.0122	0.1124
1311	9.95	10	2.325	0	-0.0049	2.3201	0.1289	0	-0.0108	0.118
1312	9.82	10	2.3238	0	-0.0051	2.3187	0.1312	0	-0.008	0.1232
1313	9.53	9.97	2.3234	0	-0.0052	2.3182	0.1318	0	-0.005	0.1268
1314	9.78	9.91	2.323	0	-0.0051	2.3179	0.1364	0	-0.0046	0.1318
1315	10.5	9.86	2.3228	0	-0.005	2.3177	0.1396	0	-0.0022	0.1374
1316	9.7	9.84	2.3226	0	-0.0049	2.3177	0.1425	0	0.0013	0.1438
1317	9.57	9.83	2.3228	0	-0.0048	2.318	0.1376	0	0.0038	0.1415
1318	9.9	9.81	2.3229	0	-0.0047	2.3182	0.1284	0	0.0056	0.134
1319	9.95	9.83	2.3229	0	-0.0047	2.3182	0.1232	0	0.0041	0.1272
1320	9.93	9.84	2.3228	0	-0.0047	2.3181	0.1158	0	0.0041	0.1198
1321	10.4	9.82	2.3229	0	-0.0046	2.3183	0.1065	0	0.0057	0.1122
1322	10	9.82	2.3232	0	-0.0046	2.3186	0.0964	0	0.0067	0.1032
1323	9.85	9.84	2.323	0	-0.0044	2.3186	0.0827	0	0.004	0.0868

1324	9.36	9.83	2.323	0	-0.0043	2.3187	0.0736	0	-0.0006	0.0741
1325	9.41	9.79	2.3227	0	-0.0042	2.3185	0.0688	0	-0.0022	0.0666
1326	9.49	9.81	2.3225	0	-0.0042	2.3183	0.0657	0	-0.0035	0.0623
1327	9.46	9.84	2.3226	0	-0.0043	2.3183	0.068	0	-0.0024	0.0655
1328	10.2	9.85	2.3231	0	-0.0045	2.3186	0.0761	0	-0.0035	0.0726
1329	10.1	9.84	2.3233	0	-0.0047	2.3186	0.0825	0	0.0016	0.0842
1330	9.6	9.85	2.3234	0	-0.0047	2.3187	0.0865	0	0.0027	0.0892
1331	9.82	9.87	2.3235	0	-0.0048	2.3187	0.0847	0	0.0022	0.087
1332	9.9	9.9	2.3235	0	-0.0048	2.3187	0.083	0	0.0002	0.0833
1333	9.54	9.91	2.3234	0	-0.0047	2.3187	0.0814	0	-0.0018	0.0796
1334	9.77	9.94	2.3233	0	-0.0046	2.3187	0.0804	0	-0.0028	0.0776
1335	10.1	9.95	2.3229	0	-0.0048	2.3181	0.081	0	-0.0034	0.0776
1336	9.98	9.98	2.3224	0	-0.005	2.3175	0.081	0	-0.0037	0.0773
1337	10.2	10	2.3212	0	-0.0049	2.3163	0.0787	0	-0.0016	0.0772
1338	9.67	9.97	2.3203	0	-0.0048	2.3156	0.0806	0	-0.0008	0.0799
1339	10.2	9.94	2.3202	0	-0.0047	2.3155	0.0798	0	-0.001	0.0788
1340	10.8	9.95	2.3201	0	-0.0048	2.3153	0.0722	0	-0.0005	0.0718
1341	10.6	9.93	2.32	0	-0.0048	2.3152	0.0653	0	-0.001	0.0643
1342	10	9.93	2.3199	0	-0.0047	2.3152	0.072	0	-0.0018	0.0702
1343	10	9.96	2.3198	0	-0.0047	2.3151	0.0875	0	-0.0024	0.0851
1344	9.62	9.96	2.32	0	-0.0048	2.3151	0.1003	0	-0.002	0.0983
1345	9.92	9.97	2.3198	0	-0.005	2.3148	0.103	0	-0.0024	0.1005
1346	9.93	9.96	2.3191	0	-0.005	2.3141	0.1019	0	-0.0024	0.0995
1347	9.71	9.95	2.3188	0	-0.005	2.3138	0.1037	0	-0.0016	0.1022
1348	9.41	9.93	2.3189	0	-0.005	2.3139	0.0988	0	-0.0003	0.0986
1349	9.82	9.91	2.3192	0	-0.0051	2.3141	0.0983	0	0.0029	0.1012
1350	9.58	9.86	2.3197	0	-0.0051	2.3146	0.0933	0	0.003	0.0963
1351	9.76	9.81	2.3203	0	-0.005	2.3153	0.0925	0	0.0023	0.0948
1352	10.1	9.79	2.3207	0	-0.0049	2.3158	0.095	0	0.0007	0.0957
1353	9.95	9.79	2.3209	0	-0.0049	2.316	0.0979	0	-0.0017	0.0962
1354	10.2	9.85	2.3208	0	-0.005	2.3159	0.1011	0	-0.0026	0.0985
1355	9.82	9.9	2.3206	0	-0.0048	2.3158	0.11	0	0.0003	0.1103
1356	9.94	9.91	2.3203	0	-0.0048	2.3155	0.1204	0	0.0049	0.1253
1357	9.42	9.93	2.3202	0	-0.0047	2.3155	0.121	0	0.0073	0.1283
1358	9.7	9.92	2.3202	0	-0.0045	2.3157	0.1204	0	0.0065	0.1269
1359	9.79	9.91	2.32	0	-0.0043	2.3156	0.1117	0	0.0118	0.1235
1360	9.71	9.93	2.3196	0	-0.0044	2.3152	0.1042	0	0.013	0.1172

1361	9.66	9.96	2.3192	0	-0.0043	2.3149	0.0986	0	0.0116	0.1103
1362	10	9.99	2.3188	0	-0.0043	2.3145	0.087	0	0.01	0.0971
1363	10.8	10	2.3183	0	-0.0043	2.3139	0.0698	0	0.0071	0.0769
1364	10.9	9.99	2.3178	0	-0.0045	2.3133	0.0619	0	0.0048	0.0668
1365	10	10	2.3175	0	-0.0048	2.3128	0.0548	0	0.0024	0.0571
1366	10.1	10	2.3177	0	-0.005	2.3126	0.0488	0	-0.0009	0.0479
1367	9.2	10	2.3181	0	-0.0053	2.3128	0.0463	0	-0.0033	0.043
1368	9.7	10	2.3182	0	-0.0052	2.313	0.0477	0	-0.0043	0.0434
1369	9.98	10.1	2.3183	0	-0.0052	2.3131	0.0496	0	-0.0049	0.0447
1370	10.3	10.1	2.3186	0	-0.0053	2.3133	0.0505	0	-0.0039	0.0466
1371	10.6	10.1	2.319	0	-0.0053	2.3137	0.0521	0	-0.0019	0.0502
1372	10.1	10.1	2.3194	0	-0.0051	2.3142	0.0515	0	-0.0001	0.0513
1373	10	10.1	2.3195	0	-0.005	2.3145	0.0531	0	-0.0016	0.0515
1374	10.2	10	2.32	0	-0.0049	2.3151	0.0499	0	-0.001	0.0489
1375	9.85	10	2.3208	0	-0.0048	2.3159	0.0496	0	0.0004	0.05
1376	9.46	10	2.3211	0	-0.0049	2.3162	0.0458	0	0.0005	0.0463
1377	9.87	10.1	2.3208	0	-0.0048	2.3161	0.04	0	-0.0004	0.0396
1378	10.5	10.1	2.3205	0	-0.0051	2.3154	0.0385	0	-0.0017	0.0368
1379	10.1	10.1	2.3202	0	-0.0051	2.3151	0.0443	0	-0.0038	0.0404
1380	10.1	10.1	2.3201	0	-0.005	2.3151	0.0471	0	-0.0046	0.0425
1381	10	10	2.32	0	-0.0049	2.3151	0.0515	0	-0.0039	0.0475
1382	10.2	10.1	2.32	0	-0.0047	2.3153	0.0557	0	-0.0027	0.053
1383	10	10.1	2.3201	0	-0.0045	2.3156	0.0522	0	-0.003	0.0492
1384	10	10.1	2.3202	0	-0.0044	2.3158	0.0473	0	-0.0039	0.0435
1385	10.4	10.1	2.3202	0	-0.0043	2.3159	0.0452	0	-0.0028	0.0424
1386	9.76	10.2	2.3202	0	-0.0044	2.3158	0.0431	0	-0.0042	0.0389
1387	10.2	10.2	2.3201	0	-0.0043	2.3158	0.0412	0	-0.0067	0.0345
1388	9.87	10.2	2.3198	0	-0.0042	2.3156	0.0326	0	-0.0079	0.0247
1389	9.83	10.2	2.3197	0	-0.0043	2.3154	0.0276	0	-0.0076	0.02
1390	10	10.2	2.3197	0	-0.0043	2.3154	0.0279	0	-0.007	0.0209
1391	10.5	10.2	2.3192	0	-0.0042	2.315	0.0344	0	-0.0076	0.0268
1392	10.6	10.2	2.3185	0	-0.0043	2.3142	0.0416	0	-0.0085	0.033
1393	10.3	10.2	2.3175	0	-0.0043	2.3132	0.0508	0	-0.008	0.0428
1394	10.2	10.2	2.3171	0	-0.0043	2.3128	0.0477	0	-0.009	0.0386
1395	10.6	10.2	2.3169	0	-0.0042	2.3127	0.0504	0	-0.0103	0.0401
1396	10.4	10.2	2.3164	0	-0.0042	2.3122	0.0548	0	-0.0114	0.0434
1397	9.79	10.1	2.3165	0	-0.0042	2.3123	0.0518	0	-0.0105	0.0413

1398	10.3	10.1	2.316	0	-0.0045	2.3115	0.0472	0	-0.0084	0.0387
1399	10.6	10.1	2.316	0	-0.0047	2.3113	0.0481	0	-0.0054	0.0428
1400	10.2	10.1	2.3156	0	-0.0048	2.3109	0.0523	0	-0.0047	0.0476
1401	10.1	10.1	2.3153	0	-0.0048	2.3105	0.0552	0	-0.005	0.0502
1402	10.2	10.1	2.3153	0	-0.0047	2.3106	0.0549	0	-0.0038	0.0511
1403	10.3	10	2.3153	0	-0.0047	2.3106	0.0583	0	0.0027	0.0609
1404	9.96	9.99	2.3145	0	-0.0048	2.3096	0.0591	0	0.0027	0.0618
1405	9.43	9.96	2.3136	0	-0.0051	2.3085	0.0622	0	0.0017	0.0638
1406	9.27	9.91	2.3135	0	-0.0052	2.3083	0.0633	0	0.0023	0.0656
1407	9.46	9.89	2.3136	0	-0.0054	2.3082	0.066	0	0.0032	0.0692
1408	9.98	9.85	2.3144	0	-0.0059	2.3085	0.0695	0	0.0049	0.0745
1409	10.3	9.8	2.3152	0	-0.006	2.3092	0.0726	0	0.0071	0.0797
1410	10	9.77	2.3157	0	-0.0059	2.3098	0.073	0	0.0098	0.0829
1411	9.68	9.75	2.3163	0	-0.0059	2.3104	0.0688	0	0.0103	0.0791
1412	9.48	9.74	2.3168	0	-0.0058	2.311	0.0622	0	0.0102	0.0724
1413	9.89	9.72	2.3172	0	-0.0057	2.3115	0.0582	0	0.008	0.0661
1414	9.84	9.71	2.3176	0	-0.0053	2.3122	0.0564	0	0.0066	0.063
1415	9.4	9.74	2.3179	0	-0.0049	2.3129	0.056	0	0.0068	0.0628
1416	9.42	9.81	2.318	0	-0.0046	2.3134	0.0565	0	0.0081	0.0646
1417	9.73	9.86	2.318	0	-0.0044	2.3136	0.0553	0	0.0086	0.0639
1418	9.62	9.85	2.318	0	-0.0042	2.3138	0.0557	0	0.0076	0.0633
1419	9.56	9.81	2.3179	0	-0.0043	2.3136	0.054	0	0.007	0.061
1420	9.73	9.79	2.3176	0	-0.0045	2.3131	0.0523	0	0.0038	0.0561
1421	10.1	9.81	2.3178	0	-0.0046	2.3132	0.0512	0	0.0009	0.0522
1422	9.89	9.83	2.3179	0	-0.0044	2.3134	0.0503	0	-0.0002	0.0501
1423	9.81	9.82	2.318	0	-0.0043	2.3137	0.0489	0	0.0006	0.0495
1424	10	9.82	2.318	0	-0.0043	2.3137	0.0445	0	0.001	0.0454
1425	10.5	9.86	2.3181	0	-0.0043	2.3139	0.0481	0	0.0009	0.0489
1426	10.5	9.9	2.3185	0	-0.0042	2.3143	0.0555	0	0.0025	0.0581
1427	9.79	9.92	2.3188	0	-0.0042	2.3146	0.0608	0	0.0039	0.0647
1428	9.59	9.96	2.3187	0	-0.0041	2.3146	0.0595	0	0.0055	0.065
1429	9.51	9.97	2.3186	0	-0.0042	2.3144	0.0576	0	0.0014	0.0591
1430	10.2	10	2.3183	0	-0.0043	2.314	0.0555	0	0.0005	0.0561
1431	9.91	9.99	2.3179	0	-0.0045	2.3134	0.0542	0	0.0008	0.055
1432	9.64	10	2.3182	0	-0.0045	2.3137	0.0522	0	0.0021	0.0543
1433	9.84	10.1	2.3187	0	-0.0044	2.3143	0.0534	0	0.0031	0.0565
1434	10.2	10.1	2.3188	0	-0.0044	2.3144	0.0538	0	0.0048	0.0587

1435	10.1	10.1	2.3186	0	-0.0044	2.3142	0.054	0	0.0054	0.0594
1436	10.2	10.1	2.3183	0	-0.0043	2.314	0.0568	0	0.0039	0.0606
1437	10.3	10.1	2.3179	0	-0.0041	2.3138	0.0568	0	0.0024	0.0592
1438	9.73	10.1	2.3176	0	-0.004	2.3136	0.0543	0	0.0016	0.0559
1439	10.3	10.1	2.3174	0	-0.004	2.3134	0.051	0	0.0007	0.0517
1440	9.88	10.1	2.3167	0	-0.004	2.3127	0.0501	0	-0.0009	0.0492
1441	10.6	10	2.3158	0	-0.0039	2.3119	0.0504	0	-0.001	0.0494
1442	11.1	10	2.3149	0	-0.0039	2.311	0.0461	0	0.0004	0.0465
1443	10.5	10	2.3151	0	-0.0038	2.3113	0.038	0	0.0017	0.0397
1444	10.5	10	2.3149	0	-0.0038	2.3111	0.0271	0	0.0017	0.0288
1445	10	9.99	2.3143	0	-0.0039	2.3104	0.0217	0	0.0003	0.022
1446	9.47	9.95	2.3139	0	-0.0039	2.31	0.0184	0	0	0.0184
1447	9.59	9.94	2.314	0	-0.0042	2.3099	0.0179	0	0	0.0179
1448	9.82	9.95	2.314	0	-0.0045	2.3096	0.027	0	-0.0012	0.0257
1449	9.48	9.92	2.3139	0	-0.0046	2.3093	0.0288	0	-0.0041	0.0246
1450	9.66	9.92	2.3142	0	-0.0046	2.3096	0.0357	0	-0.0053	0.0303
1451	9.4	9.91	2.3148	0	-0.0046	2.3102	0.0389	0	-0.0059	0.033
1452	10.1	9.85	2.3149	0	-0.0052	2.3097	0.0386	0	-0.0068	0.0318
1453	9.87	9.85	2.315	0	-0.0052	2.3098	0.0375	0	-0.0076	0.0298
1454	9.45	9.87	2.3146	0	-0.0051	2.3095	0.0355	0	-0.0076	0.0278
1455	9.49	9.89	2.3142	0	-0.005	2.3092	0.03	0	-0.0074	0.0226
1456	9.97	9.93	2.3137	0	-0.0051	2.3086	0.0256	0	-0.0097	0.0159
1457	10	9.95	2.3133	0	-0.0052	2.3081	0.0377	0	-0.014	0.0237
1458	9.63	9.95	2.3129	0	-0.0052	2.3077	0.0454	0	-0.0177	0.0276
1459	9.88	9.97	2.3127	0	-0.0053	2.3073	0.0567	0	-0.0231	0.0336
1460	10.5	9.98	2.3127	0	-0.0054	2.3073	0.0679	0	-0.0227	0.0452
1461	9.88	10	2.313	0	-0.0054	2.3076	0.0766	0	-0.0205	0.0561
1462	10.6	9.97	2.313	0	-0.0051	2.3079	0.082	0	-0.02	0.062
1463	10.7	9.95	2.3126	0	-0.005	2.3076	0.0856	0	-0.0197	0.0659
1464	10.4	9.96	2.3122	0	-0.0052	2.307	0.0893	0	-0.0185	0.0708
1465	10.3	9.99	2.3119	0	-0.0056	2.3063	0.0916	0	-0.0141	0.0774
1466	9.9	9.98	2.3121	0	-0.0059	2.3062	0.0948	0	-0.0074	0.0875
1467	9.8	9.98	2.3125	0	-0.0061	2.3065	0.101	0	-0.004	0.097
1468	9.88	9.98	2.3128	0	-0.0059	2.3069	0.1049	0	-0.0015	0.1034
1469	9.94	9.99	2.3131	0	-0.0056	2.3075	0.1027	0	-0.0001	0.1025
1470	9.83	9.97	2.3135	0	-0.0054	2.3081	0.1004	0	0.0005	0.1009
1471	9.4	9.96	2.314	0	-0.0053	2.3087	0.0981	0	0.0005	0.0986

1472	9.63	9.91	2.3145	0	-0.0052	2.3093	0.0974	0	0.0011	0.0985
1473	9.47	9.87	2.3151	0	-0.0051	2.31	0.0923	0	0.0053	0.0976
1474	10.2	9.85	2.3152	0	-0.005	2.3102	0.0889	0	0.009	0.0979
1475	9.71	9.81	2.3152	0	-0.0051	2.3101	0.0862	0	0.0109	0.0972
1476	9.99	9.82	2.315	0	-0.0052	2.3097	0.0846	0	0.0105	0.0951
1477	9.75	9.84	2.3149	0	-0.0053	2.3096	0.0837	0	0.0092	0.0929
1478	9.96	9.82	2.3147	0	-0.0052	2.3095	0.0818	0	0.0093	0.0911
1479	10.1	9.83	2.3146	0	-0.0052	2.3094	0.0805	0	0.0105	0.091
1480	9.74	9.85	2.3147	0	-0.0051	2.3096	0.085	0	0.0111	0.0961
1481	9.58	9.89	2.3147	0	-0.0051	2.3097	0.0859	0	0.0109	0.0968
1482	10	9.93	2.3146	0	-0.005	2.3096	0.0815	0	0.0091	0.0906
1483	10	9.96	2.3147	0	-0.005	2.3097	0.0836	0	0.0087	0.0923
1484	9.59	9.97	2.3148	0	-0.0049	2.3099	0.0889	0	0.0095	0.0983
1485	10.1	9.98	2.3145	0	-0.0047	2.3098	0.0907	0	0.0096	0.1004
1486	10.1	9.98	2.3145	0	-0.0046	2.3099	0.0876	0	0.011	0.0986
1487	9.55	9.97	2.3146	0	-0.0045	2.3102	0.0889	0	0.0119	0.1008
1488	10.1	9.97	2.3147	0	-0.0043	2.3104	0.0861	0	0.0094	0.0955
1489	10.2	9.96	2.3147	0	-0.0042	2.3105	0.082	0	0.01	0.092
1490	10.2	9.98	2.3147	0	-0.0042	2.3105	0.0771	0	0.0087	0.0857
1491	10.4	10	2.3146	0	-0.0043	2.3103	0.0686	0	0.0075	0.076
1492	9.89	9.99	2.3147	0	-0.0044	2.3102	0.0614	0	0.008	0.0694
1493	10.5	10	2.3148	0	-0.0045	2.3104	0.0526	0	0.0084	0.061
1494	9.89	10	2.3149	0	-0.0043	2.3106	0.0529	0	0.0091	0.0621
1495	10	10.1	2.3151	0	-0.0042	2.3109	0.0467	0	0.008	0.0547
1496	9.47	10.1	2.3147	0	-0.0042	2.3105	0.0374	0	0.0072	0.0446
1497	10.1	10.1	2.3138	0	-0.0041	2.3097	0.0314	0	0.0046	0.0359
1498	9.85	10.1	2.3131	0	-0.0041	2.309	0.0296	0	0.0034	0.0329
1499	10.1	10.1	2.3124	0	-0.0042	2.3083	0.0286	0	0.0004	0.029
1500	10	10.1	2.3118	0	-0.0042	2.3076	0.0267	0	0.0005	0.0272
1501	9.8	10.1	2.3114	0	-0.0041	2.3073	0.0289	0	0.001	0.0299
1502	10.1	10.2	2.3116	0	-0.004	2.3076	0.0373	0	0.0002	0.0375
1503	10.2	10.2	2.3117	0	-0.0039	2.3078	0.0423	0	-0.0061	0.0362
1504	10.6	10.2	2.3115	0	-0.0041	2.3074	0.0447	0	-0.0074	0.0373
1505	10.6	10.2	2.311	0	-0.0041	2.3069	0.0381	0	-0.007	0.0311
1506	10.7	10.2	2.3097	0	-0.0038	2.3059	0.0317	0	-0.0048	0.0269
1507	10	10.2	2.3091	0	-0.0036	2.3055	0.0276	0	-0.0031	0.0245
1508	10	10.2	2.3087	0	-0.0036	2.3051	0.0196	0	-0.003	0.0166

1509	10.2	10.2	2.3084	0	-0.0037	2.3047	0.0164	0	-0.0043	0.0121
1510	10.4	10.2	2.3081	0	-0.0039	2.3042	0.016	0	-0.0061	0.0099
1511	10.7	10.2	2.3081	0	-0.0039	2.3042	0.0155	0	-0.009	0.0065
1512	10.6	10.2	2.3083	0	-0.0039	2.3044	0.0209	0	-0.0102	0.0107
1513	10.1	10.2	2.3083	0	-0.0038	2.3044	0.0253	0	-0.0075	0.0179
1514	10.2	10.2	2.3084	0	-0.0039	2.3045	0.0262	0	-0.0056	0.0206
1515	10.3	10.2	2.3084	0	-0.0042	2.3042	0.0222	0	-0.007	0.0152
1516	9.83	10.2	2.3079	0	-0.0042	2.3037	0.0129	0	-0.0118	0.0011
1517	10.2	10.2	2.3075	0	-0.0042	2.3033	0.0123	0	-0.015	-0.0027
1518	9.86	10.2	2.3077	0	-0.0042	2.3035	0.0163	0	-0.0166	-0.0003
1519	9.66	10.2	2.3078	0	-0.0044	2.3035	0.019	0	-0.0151	0.0039
1520	9.85	10.2	2.3078	0	-0.0045	2.3033	0.0216	0	-0.011	0.0106
1521	10.1	10.1	2.308	0	-0.0047	2.3033	0.0273	0	-0.0087	0.0186
1522	10.4	10.1	2.3086	0	-0.005	2.3037	0.035	0	-0.0091	0.0259
1523	10.4	10.1	2.3091	0	-0.0052	2.3039	0.0409	0	-0.0094	0.0314
1524	10.2	10.1	2.3094	0	-0.0054	2.304	0.0498	0	-0.008	0.0418
1525	10.7	10.1	2.3097	0	-0.0053	2.3044	0.0576	0	-0.0061	0.0515
1526	9.79	10.1	2.3101	0	-0.0051	2.305	0.0643	0	-0.0071	0.0572
1527	9.85	10.2	2.3106	0	-0.0051	2.3055	0.064	0	-0.0091	0.0549
1528	10.3	10.2	2.3106	0	-0.0052	2.3055	0.0696	0	-0.0081	0.0615
1529	9.96	10.2	2.3101	0	-0.0053	2.3047	0.0752	0	-0.0084	0.0668
1530	10.1	10.1	2.3097	0	-0.0054	2.3043	0.074	0	-0.0067	0.0673
1531	10.1	10.1	2.3098	0	-0.0054	2.3044	0.0728	0	-0.0067	0.0661
1532	9.73	10.1	2.3099	0	-0.0054	2.3045	0.0702	0	-0.0073	0.063
1533	10.3	10.1	2.3098	0	-0.0053	2.3045	0.0672	0	-0.007	0.0602
1534	10.6	10.1	2.3097	0	-0.0053	2.3044	0.0679	0	-0.0069	0.061
1535	10.4	10.1	2.3099	0	-0.0055	2.3044	0.068	0	-0.0061	0.0619
1536	10.7	10.1	2.3094	0	-0.0055	2.3039	0.0652	0	-0.0051	0.0602
1537	9.96	10.1	2.3093	0	-0.0051	2.3042	0.0636	0	-0.0027	0.0608
1538	9.59	10.1	2.3094	0	-0.005	2.3044	0.0639	0	0	0.0639
1539	9.59	10.1	2.3097	0	-0.0049	2.3048	0.064	0	0.0027	0.0667
1540	9.82	10.1	2.3098	0	-0.0047	2.3051	0.0642	0	0.004	0.0682
1541	9.99	10	2.3097	0	-0.0047	2.305	0.0648	0	0.0039	0.0687
1542	10	10.1	2.3096	0	-0.0047	2.3049	0.0659	0	0.0023	0.0683
1543	10.1	10	2.3098	0	-0.0047	2.3051	0.0707	0	0.0041	0.0748
1544	10.1	10	2.3103	0	-0.0046	2.3057	0.0739	0	0.0043	0.0782
1545	9.76	9.98	2.3105	0	-0.0046	2.306	0.0763	0	0.0067	0.083

1546	10	9.94	2.3108	0	-0.0044	2.3064	0.0785	0	0.0075	0.086
1547	10.2	9.92	2.3111	0	-0.0045	2.3066	0.0726	0	0.007	0.0796
1548	10.3	9.93	2.3112	0	-0.0045	2.3067	0.0631	0	0.0072	0.0703
1549	9.73	9.95	2.3113	0	-0.0046	2.3066	0.0606	0	0.005	0.0656
1550	9.66	9.96	2.3113	0	-0.0047	2.3066	0.058	0	0.0044	0.0625
1551	10	9.95	2.3111	0	-0.0046	2.3064	0.0476	0	0.004	0.0516
1552	10.1	9.94	2.3107	0	-0.0046	2.3061	0.0441	0	0.0054	0.0495
1553	9.98	9.93	2.3105	0	-0.0045	2.3061	0.0469	0	0.0078	0.0547
1554	9.95	9.93	2.3108	0	-0.0044	2.3064	0.0486	0	0.0082	0.0569
1555	9.92	9.92	2.3111	0	-0.0046	2.3065	0.0446	0	0.0063	0.0508
1556	9.49	9.9	2.3109	0	-0.0048	2.3061	0.0402	0	0.0067	0.0469
1557	9.77	9.89	2.3113	0	-0.0049	2.3064	0.0283	0	0.0077	0.036
1558	9.98	9.84	2.3113	0	-0.0048	2.3065	0.0212	0	0.0096	0.0309
1559	10.1	9.86	2.3111	0	-0.0047	2.3063	0.0171	0	0.0093	0.0264
1560	9.82	9.9	2.3111	0	-0.0045	2.3066	0.013	0	0.0066	0.0195
1561	9.71	9.91	2.3109	0	-0.0043	2.3066	0.008	0	0.0036	0.0116
1562	10.1	9.89	2.3105	0	-0.0043	2.3061	0.0065	0	0.0017	0.0082
1563	10.1	9.88	2.31	0	-0.0044	2.3056	0.0078	0	0.0015	0.0093
1564	9.59	9.86	2.3099	0	-0.0045	2.3055	0.0085	0	0.0027	0.0112
1565	9.66	9.84	2.3106	0	-0.0044	2.3062	0.0084	0	0.0017	0.0101
1566	9.95	9.86	2.3109	0	-0.0044	2.3065	0.0135	0	-0.001	0.0125
1567	9.38	9.84	2.3109	0	-0.0044	2.3065	0.0172	0	-0.001	0.0162
1568	10.1	9.82	2.3109	0	-0.0044	2.3065	0.0212	0	-0.0002	0.021
1569	10.4	9.81	2.3109	0	-0.0045	2.3064	0.0261	0	0.002	0.0281
1570	10.2	9.84	2.3108	0	-0.0045	2.3063	0.0265	0	0.0004	0.0269
1571	9.79	9.87	2.3105	0	-0.0044	2.3061	0.0236	0	-0.0022	0.0214
1572	9.72	9.87	2.3104	0	-0.0042	2.3062	0.0286	0	-0.006	0.0227
1573	9.57	9.87	2.3101	0	-0.0043	2.3058	0.0385	0	-0.0097	0.0287
1574	9.58	9.91	2.3094	0	-0.0044	2.305	0.0458	0	-0.0123	0.0335
1575	9.89	9.93	2.3088	0	-0.0044	2.3044	0.0506	0	-0.0141	0.0364
1576	9.37	9.92	2.3086	0	-0.0043	2.3042	0.0592	0	-0.014	0.0452
1577	9.59	9.93	2.3079	0	-0.0045	2.3034	0.0687	0	-0.0114	0.0573
1578	9.94	9.89	2.3072	0	-0.0044	2.3028	0.0732	0	-0.011	0.0622
1579	10.4	9.84	2.3072	0	-0.0045	2.3027	0.0745	0	-0.0129	0.0616
1580	10.3	9.8	2.3074	0	-0.0044	2.303	0.0714	0	-0.0161	0.0553
1581	10	9.8	2.3077	0	-0.0043	2.3034	0.0688	0	-0.0168	0.052
1582	10.1	9.85	2.3079	0	-0.0043	2.3036	0.066	0	-0.0137	0.0523

1583	10.4	9.87	2.3079	0	-0.0043	2.3036	0.0629	0	-0.0117	0.0512
1584	10	9.86	2.308	0	-0.0043	2.3037	0.0695	0	-0.011	0.0585
1585	9.77	9.87	2.308	0	-0.0042	2.3038	0.0746	0	-0.0098	0.0648
1586	9.47	9.94	2.3081	0	-0.0043	2.3038	0.0755	0	-0.0098	0.0656
1587	9.45	9.98	2.3083	0	-0.0045	2.3038	0.0697	0	-0.0076	0.0622
1588	9.48	9.97	2.3083	0	-0.0045	2.3038	0.0681	0	-0.001	0.0671
1589	9.49	9.97	2.3083	0	-0.0046	2.3037	0.0665	0	0.001	0.0675
1590	9.72	9.99	2.3082	0	-0.0046	2.3036	0.0685	0	0.0024	0.0709
1591	10.6	10	2.308	0	-0.0045	2.3035	0.0673	0	0.0045	0.0718
1592	9.96	10	2.3076	0	-0.0048	2.3027	0.066	0	0.0058	0.0718
1593	9.5	9.99	2.3074	0	-0.0049	2.3025	0.0695	0	0.0062	0.0757
1594	10	10	2.3073	0	-0.005	2.3023	0.0763	0	0.0066	0.0829
1595	10.6	10	2.3072	0	-0.005	2.3023	0.0848	0	0.0074	0.0922
1596	10.4	10	2.3074	0	-0.0049	2.3025	0.0904	0	0.0062	0.0966
1597	9.86	10.1	2.3075	0	-0.0048	2.3027	0.0931	0	0.0071	0.1002
1598	10.2	10.1	2.3071	0	-0.0046	2.3025	0.0985	0	0.0054	0.1039
1599	10.7	10.1	2.3066	0	-0.0046	2.302	0.1008	0	0.0045	0.1054
1600	10.2	10.2	2.307	0	-0.0046	2.3024	0.1022	0	0.003	0.1053
1601	10.1	10.1	2.307	0	-0.0047	2.3024	0.1039	0	0.004	0.1079
1602	10.2	10.1	2.3069	0	-0.0048	2.3021	0.0999	0	0.0046	0.1045
1603	10.2	10.1	2.3069	0	-0.0048	2.3021	0.0949	0	0.004	0.0989
1604	9.93	10.1	2.307	0	-0.0047	2.3023	0.0931	0	0.0038	0.0969
1605	9.7	10	2.307	0	-0.0048	2.3022	0.0961	0	0.0027	0.0989
1606	10.1	10	2.3069	0	-0.0046	2.3023	0.097	0	0.0001	0.0971
1607	10.5	10	2.307	0	-0.0046	2.3024	0.0919	0	-0.0029	0.0891
1608	10	10	2.307	0	-0.0045	2.3025	0.0938	0	-0.0029	0.0909
1609	9.98	10	2.3071	0	-0.0044	2.3027	0.0921	0	-0.0003	0.0919
1610	10	9.96	2.3073	0	-0.0042	2.3031	0.0881	0	0.0008	0.0889
1611	9.61	9.98	2.3074	0	-0.0041	2.3034	0.0866	0	0.003	0.0896
1612	9.15	10	2.3075	0	-0.004	2.3035	0.0821	0	0.0032	0.0853
1613	9.78	10	2.3074	0	-0.0041	2.3033	0.0762	0	0.0015	0.0777
1614	10	10	2.3076	0	-0.0041	2.3035	0.0708	0	0.0008	0.0716
1615	10.1	10	2.307	0	-0.0041	2.3029	0.0694	0	0.0014	0.0708
1616	9.91	10	2.3062	0	-0.0041	2.3021	0.075	0	0.0037	0.0787
1617	9.95	10	2.3054	0	-0.0042	2.3012	0.078	0	0.0061	0.0841
1618	10.5	10	2.3051	0	-0.0044	2.3007	0.0763	0	0.0076	0.0839
1619	9.49	10	2.3052	0	-0.0044	2.3008	0.0733	0	0.008	0.0813

1620	10.4	10	2.3054	0	-0.0043	2.3011	0.071	0	0.0074	0.0784
1621	10.6	10.1	2.3052	0	-0.0041	2.3011	0.069	0	0.0078	0.0769
1622	10.3	10.1	2.3048	0	-0.004	2.3008	0.064	0	0.0083	0.0722
1623	9.95	10.2	2.3046	0	-0.004	2.3006	0.0604	0	0.0087	0.069
1624	9.96	10.2	2.3044	0	-0.004	2.3004	0.0565	0	0.0081	0.0646
1625	10.4	10.2	2.3038	0	-0.0039	2.2999	0.0483	0	0.0075	0.0558
1626	10.1	10.2	2.3033	0	-0.004	2.2993	0.0411	0	0.0083	0.0493
1627	10	10.2	2.3033	0	-0.004	2.2993	0.0396	0	0.0083	0.0479
1628	10.2	10.2	2.3032	0	-0.0039	2.2993	0.0324	0	0.0051	0.0374
1629	10.1	10.2	2.3029	0	-0.0037	2.2992	0.0242	0	0.0051	0.0293
1630	10.2	10.2	2.3028	0	-0.0037	2.2991	0.024	0	0.0056	0.0296
1631	10.7	10.2	2.3032	0	-0.004	2.2991	0.0274	0	0.0071	0.0346
1632	10.4	10.2	2.3036	0	-0.0042	2.2994	0.0316	0	0.0083	0.0398
1633	9.99	10.3	2.3028	0	-0.0042	2.2986	0.0317	0	0.0081	0.0398
1634	9.88	10.3	2.3023	0	-0.0043	2.2979	0.0294	0	0.0089	0.0383
1635	9.98	10.3	2.3023	0	-0.0045	2.2978	0.0308	0	0.0091	0.0399
1636	10.2	10.2	2.3025	0	-0.0047	2.2977	0.031	0	0.0105	0.0415
1637	10.4	10.3	2.3025	0	-0.005	2.2975	0.0329	0	0.0091	0.042
1638	10.6	10.3	2.3027	0	-0.0051	2.2976	0.0346	0	0.0074	0.042
1639	10.8	10.3	2.3028	0	-0.0051	2.2977	0.0342	0	0.0065	0.0407
1640	10.4	10.2	2.3031	0	-0.0052	2.2979	0.0274	0	0.0051	0.0325
1641	10.4	10.2	2.3031	0	-0.0053	2.2978	0.0215	0	0.0037	0.0252
1642	10.6	10.2	2.3027	0	-0.0054	2.2973	0.0181	0	0.003	0.021
1643	10.3	10.2	2.3022	0	-0.0054	2.2968	0.0132	0	-0.0014	0.0119
1644	9.82	10.2	2.3018	0	-0.0053	2.2964	0.0099	0	-0.0023	0.0076
1645	9.82	10.2	2.3015	0	-0.0052	2.2963	0.0052	0	-0.0062	-0.001
1646	10.1	10.2	2.3015	0	-0.0051	2.2964	0.0044	0	-0.0097	-0.0052
1647	10.3	10.2	2.3012	0	-0.005	2.2962	0.0072	0	-0.0125	-0.0053
1648	10.1	10.1	2.3011	0	-0.005	2.2961	0.011	0	-0.0124	-0.0015
1649	9.89	10	2.301	0	-0.005	2.2961	0.0066	0	-0.009	-0.0024
1650	10.3	9.95	2.3009	0	-0.0051	2.2958	-0.0019	0	-0.0096	-0.0114
1651	9.39	9.9	2.3011	0	-0.0051	2.296	0.001	0	-0.0119	-0.0109
1652	9.73	9.85	2.3012	0	-0.0049	2.2962	-0.0013	0	-0.0092	-0.0105
1653	10.2	9.82	2.3012	0	-0.0048	2.2964	-0.0023	0	-0.0095	-0.0119
1654	10.2	9.79	2.3012	0	-0.0047	2.2965	-0.0022	0	-0.0074	-0.0096
1655	10.1	9.79	2.3014	0	-0.0046	2.2968	-0.001	0	-0.0053	-0.0063
1656	9.99	9.77	2.3017	0	-0.0045	2.2972	-0.0005	0	-0.0053	-0.0057

1657	9.48	9.75	2.3019	0	-0.0046	2.2973	0.0007	0	-0.0019	-0.0012
1658	9.26	9.75	2.3021	0	-0.0048	2.2973	-0.0018	0	-0.0011	-0.0029
1659	9.19	9.75	2.3023	0	-0.0048	2.2975	-0.0047	0	-0.0003	-0.005
1660	9.42	9.73	2.3025	0	-0.0048	2.2977	-0.0008	0	0.0001	-0.0007
1661	9.72	9.77	2.3027	0	-0.0047	2.298	0.0088	0	0.002	0.0109
1662	9.65	9.81	2.3028	0	-0.0045	2.2983	0.0171	0	0.005	0.0221
1663	9.31	9.82	2.3029	0	-0.0045	2.2984	0.0203	0	0.0045	0.0248
1664	9.73	9.8	2.303	0	-0.0046	2.2984	0.023	0	0.0011	0.024
1665	9.79	9.76	2.3031	0	-0.0048	2.2983	0.0246	0	-0.0007	0.0239
1666	9.94	9.74	2.3031	0	-0.005	2.2981	0.0236	0	0.0004	0.024
1667	10	9.77	2.3033	0	-0.0052	2.2981	0.0168	0	0.0016	0.0184
1668	9.98	9.83	2.3036	0	-0.0052	2.2984	0.0076	0	0.0007	0.0083
1669	9.96	9.88	2.3038	0	-0.0052	2.2986	0.0025	0	-0.0017	0.0008
1670	10.1	9.91	2.3038	0	-0.0053	2.2986	0.0028	0	-0.0007	0.0021
1671	10.6	9.91	2.3041	0	-0.0052	2.2989	0.0101	0	0.0017	0.0118
1672	10.3	9.9	2.3044	0	-0.0051	2.2993	0.017	0	0.0048	0.0218
1673	9.78	9.9	2.3045	0	-0.0051	2.2994	0.0116	0	0.0067	0.0183
1674	9.44	9.89	2.3046	0	-0.0052	2.2995	0.0076	0	0.0065	0.0141
1675	9.55	9.88	2.3047	0	-0.0052	2.2995	0.007	0	0.0066	0.0136
1676	10.1	9.85	2.3046	0	-0.0052	2.2994	0.0044	0	0.0077	0.0121
1677	10.2	9.82	2.3047	0	-0.005	2.2997	0.0023	0	0.0061	0.0083
1678	10.2	9.8	2.3048	0	-0.0049	2.2999	0.0172	0	0.0051	0.0223
1679	9.96	9.78	2.3048	0	-0.005	2.2998	0.0209	0	0.0069	0.0278
1680	9.75	9.77	2.3047	0	-0.0051	2.2995	0.0192	0	0.0084	0.0276
1681	9.53	9.7	2.3046	0	-0.0052	2.2994	0.022	0	0.0089	0.031
1682	9.31	9.64	2.3047	0	-0.0051	2.2996	0.0305	0	0.0077	0.0381
1683	9.5	9.6	2.305	0	-0.0052	2.2998	0.0297	0	0.0062	0.0358
1684	9.63	9.61	2.3049	0	-0.0052	2.2997	0.0204	0	0.0079	0.0282
1685	9.37	9.61	2.3049	0	-0.0053	2.2996	0.0147	0	0.0074	0.022
1686	9.39	9.57	2.3049	0	-0.0053	2.2996	0.0187	0	0.0045	0.0232
1687	9.61	9.55	2.3048	0	-0.0052	2.2996	0.021	0	0.0021	0.0231
1688	9.59	9.53	2.3049	0	-0.0052	2.2997	0.0199	0	-0.0001	0.0198
1689	9.79	9.49	2.3055	0	-0.0051	2.3004	0.0205	0	-0.0025	0.018
1690	9.39	9.48	2.306	0	-0.005	2.3011	0.0216	0	-0.0042	0.0175
1691	9.02	9.49	2.3062	0	-0.0048	2.3014	0.0207	0	-0.0059	0.0148
1692	9.08	9.5	2.3063	0	-0.0047	2.3016	0.021	0	-0.006	0.015
1693	9.66	9.51	2.3064	0	-0.0047	2.3018	0.0158	0	-0.0066	0.0092

1694	9.45	9.53	2.3068	0	-0.0043	2.3024	0.0095	0	-0.0075	0.002
1695	9.43	9.56	2.3068	0	-0.004	2.3028	0.0052	0	-0.0071	-0.0018
1696	9.86	9.59	2.3067	0	-0.0036	2.303	0.0037	0	-0.005	-0.0013
1697	9.71	9.63	2.3064	0	-0.0036	2.3028	0.0059	0	-0.0042	0.0017
1698	9.32	9.66	2.3064	0	-0.0037	2.3027	0.0023	0	-0.0043	-0.0019
1699	9.46	9.67	2.3068	0	-0.0036	2.3032	0.001	0	-0.0035	-0.0025
1700	9.67	9.7	2.3069	0	-0.0034	2.3035	-0.0021	0	-0.0028	-0.005
1701	9.61	9.73	2.3072	0	-0.0037	2.3034	-0.0059	0	-0.004	-0.0099
1702	9.7	9.76	2.3071	0	-0.0038	2.3033	-0.0049	0	-0.004	-0.0089
1703	9.89	9.75	2.3071	0	-0.004	2.3031	-0.0035	0	-0.0028	-0.0063
1704	9.96	9.77	2.3071	0	-0.0042	2.3029	-0.005	0	-0.0033	-0.0083
1705	10	9.77	2.307	0	-0.0042	2.3028	-0.0074	0	-0.0028	-0.0102
1706	10.4	9.77	2.3068	0	-0.0044	2.3024	-0.0076	0	-0.0029	-0.0105
1707	9.98	9.78	2.3072	0	-0.0045	2.3027	-0.0042	0	-0.0032	-0.0073
1708	10.1	9.8	2.3075	0	-0.0045	2.303	-0.0007	0	-0.0038	-0.0046
1709	9.87	9.82	2.3072	0	-0.0044	2.3028	0.0057	0	-0.0047	0.001
1710	9.58	9.84	2.3064	0	-0.0044	2.302	0.0191	0	-0.004	0.0151
1711	9.64	9.84	2.3057	0	-0.0046	2.3011	0.0235	0	-0.0048	0.0186
1712	9.54	9.85	2.3055	0	-0.0045	2.301	0.0223	0	-0.0022	0.0202
1713	9.79	9.85	2.3051	0	-0.0042	2.3009	0.0205	0	-0.0012	0.0193
1714	9.51	9.84	2.3051	0	-0.004	2.3011	0.0207	0	-0.0036	0.0171
1715	9.84	9.81	2.3047	0	-0.0041	2.3005	0.0246	0	-0.0052	0.0194
1716	9.86	9.76	2.3045	0	-0.0043	2.3002	0.0327	0	-0.005	0.0277
1717	9.74	9.79	2.3046	0	-0.0043	2.3004	0.037	0	-0.0091	0.0279
1718	9.82	9.78	2.3049	0	-0.0042	2.3006	0.0396	0	-0.0097	0.0299
1719	9.99	9.78	2.3049	0	-0.0043	2.3006	0.0412	0	-0.0085	0.0327
1720	9.72	9.81	2.3044	0	-0.0045	2.2999	0.0412	0	-0.0083	0.0329
1721	9.9	9.83	2.3035	0	-0.0046	2.2989	0.0391	0	-0.0079	0.0312
1722	9.9	9.86	2.3036	0	-0.0047	2.299	0.0371	0	-0.0057	0.0314
1723	9.69	9.84	2.3038	0	-0.0046	2.2992	0.0326	0	-0.0045	0.0281
1724	9.43	9.82	2.3037	0	-0.0046	2.299	0.0337	0	-0.007	0.0267
1725	9.58	9.81	2.3033	0	-0.0047	2.2987	0.0333	0	-0.0109	0.0224
1726	10.4	9.83	2.303	0	-0.0046	2.2984	0.0337	0	-0.0127	0.021
1727	9.91	9.87	2.3016	0	-0.0045	2.297	0.0365	0	-0.0132	0.0232
1728	10	9.9	2.3011	0	-0.0046	2.2965	0.0421	0	-0.0116	0.0305
1729	10.1	9.88	2.301	0	-0.0045	2.2965	0.0456	0	-0.0101	0.0355
1730	10.1	9.87	2.3006	0	-0.0046	2.296	0.0463	0	-0.0114	0.0349

1731	9.98	9.85	2.3001	0	-0.0048	2.2953	0.0528	0	-0.0125	0.0403
1732	9.5	9.84	2.3006	0	-0.0048	2.2958	0.0579	0	-0.0127	0.0452
1733	9.07	9.87	2.3008	0	-0.005	2.2958	0.0613	0	-0.0109	0.0504
1734	9.75	9.9	2.3008	0	-0.0051	2.2957	0.0634	0	-0.0098	0.0537
1735	10.1	9.9	2.3005	0	-0.005	2.2955	0.0637	0	-0.0082	0.0555
1736	10.5	9.86	2.3004	0	-0.005	2.2954	0.0699	0	-0.0096	0.0603
1737	10.4	9.88	2.3005	0	-0.005	2.2956	0.0728	0	-0.0096	0.0633
1738	9.66	9.87	2.3007	0	-0.0048	2.2958	0.0763	0	-0.0083	0.0679
1739	9.6	9.85	2.3007	0	-0.0047	2.296	0.0777	0	-0.0074	0.0703
1740	9.51	9.83	2.301	0	-0.0046	2.2964	0.0826	0	-0.0057	0.0769
1741	9.67	9.81	2.301	0	-0.0047	2.2963	0.0842	0	-0.0036	0.0807
1742	10.2	9.82	2.3011	0	-0.0047	2.2964	0.0795	0	-0.0019	0.0776
1743	10	9.84	2.3012	0	-0.0046	2.2966	0.0767	0	0	0.0767
1744	9.53	9.87	2.3013	0	-0.0046	2.2966	0.0766	0	0.0003	0.077
1745	9.7	9.84	2.3011	0	-0.0047	2.2964	0.0804	0	0.0021	0.0825
1746	10.4	9.8	2.3009	0	-0.0047	2.2962	0.0767	0	0.0045	0.0812
1747	9.88	9.78	2.301	0	-0.0046	2.2964	0.0698	0	0.008	0.0778
1748	9.64	9.8	2.301	0	-0.0046	2.2964	0.0626	0	0.009	0.0716
1749	9.65	9.83	2.3013	0	-0.0047	2.2966	0.0598	0	0.008	0.0678
1750	9.68	9.84	2.3015	0	-0.0047	2.2968	0.0632	0	0.0085	0.0717
1751	9.59	9.85	2.3016	0	-0.0047	2.2969	0.0641	0	0.01	0.074
1752	9.5	9.84	2.3015	0	-0.0047	2.2969	0.0673	0	0.0067	0.0739
1753	10.2	9.84	2.3017	0	-0.0045	2.2972	0.0676	0	0.0062	0.0738
1754	9.62	9.86	2.3019	0	-0.0044	2.2975	0.068	0	0.0039	0.072
1755	9.77	9.85	2.3021	0	-0.0043	2.2979	0.0687	0	0.0021	0.0709
1756	9.98	9.82	2.3022	0	-0.0042	2.298	0.0688	0	0.0017	0.0705
1757	10.1	9.79	2.302	0	-0.0042	2.2978	0.0673	0	0	0.0673
1758	10.2	9.79	2.3015	0	-0.0043	2.2972	0.0717	0	-0.0009	0.0708
1759	9.6	9.8	2.3003	0	-0.0044	2.2959	0.0758	0	-0.001	0.0748
1760	9.94	9.82	2.3001	0	-0.0043	2.2958	0.0735	0	0.0001	0.0736
1761	10	9.85	2.3005	0	-0.0044	2.296	0.0656	0	-0.0002	0.0654
1762	10.1	9.87	2.3008	0	-0.0044	2.2964	0.0587	0	-0.0019	0.0568
1763	9.83	9.85	2.3009	0	-0.0042	2.2967	0.0563	0	-0.0007	0.0556
1764	9.59	9.89	2.3005	0	-0.0041	2.2965	0.0529	0	0.0023	0.0552
1765	9.72	9.87	2.2998	0	-0.0043	2.2955	0.0535	0	0.0043	0.0578
1766	9.37	9.87	2.2994	0	-0.0041	2.2953	0.0492	0	0.0031	0.0524
1767	9.6	9.85	2.2993	0	-0.0042	2.2951	0.0476	0	0.0018	0.0494

1768	9.86	9.8	2.2994	0	-0.0043	2.2951	0.0498	0	0.0018	0.0516
1769	10.1	9.79	2.2997	0	-0.0044	2.2953	0.0532	0	0.0021	0.0553
1770	10.1	9.78	2.2999	0	-0.0045	2.2954	0.0545	0	0.0009	0.0554
1771	10	9.75	2.3004	0	-0.0046	2.2958	0.049	0	-0.0011	0.0479
1772	9.77	9.75	2.3011	0	-0.0047	2.2964	0.0377	0	-0.0023	0.0354
1773	10.4	9.75	2.3011	0	-0.0044	2.2967	0.0402	0	-0.0034	0.0368
1774	9.48	9.76	2.3013	0	-0.0041	2.2972	0.0429	0	-0.0032	0.0397
1775	9.85	9.79	2.3013	0	-0.0039	2.2974	0.0415	0	-0.003	0.0385
1776	9.67	9.79	2.301	0	-0.0038	2.2971	0.0378	0	-0.0037	0.0342
1777	9.32	9.77	2.3005	0	-0.0038	2.2967	0.0344	0	-0.0026	0.0318
1778	9.44	9.75	2.3002	0	-0.0039	2.2963	0.0145	0	-0.0015	0.013
1779	9.71	9.73	2.3002	0	-0.0039	2.2963	0.0082	0	-0.0023	0.0059
1780	9.43	9.72	2.2994	0	-0.0039	2.2955	0.007	0	-0.002	0.0051
1781	10	9.71	2.2988	0	-0.0039	2.2949	0.0017	0	-0.003	-0.0013
1782	9.86	9.69	2.2986	0	-0.004	2.2946	-0.0053	0	-0.0057	-0.011
1783	9.91	9.66	2.2986	0	-0.0042	2.2944	0.0017	0	-0.0061	-0.0043
1784	10.2	9.68	2.2985	0	-0.0044	2.2942	0.0043	0	-0.0087	-0.0044
1785	9.32	9.67	2.2979	0	-0.0043	2.2936	0.0045	0	-0.0102	-0.0057
1786	9.3	9.66	2.2976	0	-0.0043	2.2933	-0.0005	0	-0.0087	-0.0092
1787	9.41	9.7	2.2972	0	-0.0044	2.2928	-0.0023	0	-0.0086	-0.0109
1788	9.71	9.74	2.2971	0	-0.0045	2.2927	0.0003	0	-0.0088	-0.0085
1789	9.96	9.76	2.2973	0	-0.0045	2.2927	0.0028	0	-0.0071	-0.0043
1790	9.84	9.76	2.2976	0	-0.0046	2.293	0.0025	0	-0.0046	-0.0021
1791	9.35	9.73	2.2982	0	-0.0046	2.2936	0.0083	0	-0.0033	0.005
1792	9.88	9.71	2.2986	0	-0.0047	2.2939	0.0085	0	-0.0047	0.0038
1793	9.89	9.71	2.2988	0	-0.0047	2.2941	0.0098	0	-0.0051	0.0047
1794	9.57	9.76	2.2987	0	-0.0045	2.2942	0.0124	0	-0.0043	0.0081
1795	9.52	9.75	2.2991	0	-0.0044	2.2947	0.0136	0	-0.0042	0.0094
1796	9.95	9.78	2.2997	0	-0.0044	2.2952	0.0114	0	-0.0054	0.0061
1797	10.3	9.76	2.3001	0	-0.0045	2.2956	0.0076	0	-0.0053	0.0022
1798	10	9.84	2.3004	0	-0.0045	2.2959	0.0093	0	-0.0038	0.0055
1799	9.56	9.66	2.3005	0	-0.0045	2.296	0.0096	0	-0.0038	0.0059
1800	9.4	9.4	2.3005	0	-0.0044	2.2961	0.015	0	-0.0051	0.0098