

Test Name	HPL, WC, rep 3
Cladding	High Pressure Laminate (HPL)
Cladding Thickness [mm]	8
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 High Pressure Laminate (HPL) 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	The HPL panel was seen to continue smouldering after the experiment was terminated, requiring extinguishment
Peak HRR [kW]	8.6
Time to Peak HRR [mins]	9.42
Residual HRR [kW]	1.6
Total HR [MJ]	3.53
Peak dQ/dt [kW/s]	0.0472
Time to Peak dQ/dt [s]	9.92

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	-0.0252	-0.0252	6.9374	0	-0.0011	6.9363	0.3222	0	0.0078	0.3301
1	0.112	0.125	6.9368	0	-0.0009	6.9358	0.3058	0	0.0101	0.3158
2	0.289	0.29	6.936	0	-0.0008	6.9352	0.2885	0	0.0124	0.3009
3	0.414	0.594	6.9355	0	-0.0008	6.9347	0.2725	0	0.0122	0.2848
4	0.658	1.13	6.9351	0	-0.0009	6.9342	0.2572	0	0.0089	0.2661
5	1.02	1.82	6.9347	0	-0.001	6.9337	0.2458	0	0.0053	0.2511
6	1.69	2.5	6.9346	0	-0.001	6.9336	0.2434	0	0.0052	0.2486
7	2.65	3.14	6.9342	0	-0.001	6.9332	0.2472	0	0.0054	0.2526
8	3.32	3.7	6.934	0	-0.001	6.933	0.2509	0	0.0068	0.2577
9	4.6	4.14	6.9347	0	-0.0012	6.9335	0.2545	0	0.0067	0.2611
10	5.29	4.56	6.9344	0	-0.0012	6.9332	0.2656	0	0.0081	0.2737
11	6	4.96	6.9343	0	-0.0013	6.933	0.2876	0	0.0109	0.2984
12	6.53	5.39	6.9343	0	-0.0013	6.933	0.2973	0	0.0124	0.3097
13	6.97	5.83	6.9342	0	-0.0013	6.9329	0.2998	0	0.0126	0.3124
14	7.56	6.24	6.9342	0	-0.0012	6.933	0.2999	0	0.0105	0.3104
15	8.02	6.64	6.9343	0	-0.0011	6.9332	0.2972	0	0.0091	0.3063
16	7.87	6.99	6.9345	0	-0.0011	6.9334	0.294	0	0.0096	0.3036
17	7.51	7.27	6.9347	0	-0.0011	6.9336	0.2908	0	0.0109	0.3016
18	8.13	7.51	6.9347	0	-0.0012	6.9335	0.2847	0	0.0117	0.2964
19	7.95	7.69	6.9344	0	-0.0012	6.9332	0.2791	0	0.0118	0.2908
20	7.84	7.86	6.9339	0	-0.0011	6.9328	0.278	0	0.0127	0.2907
21	8.44	8.02	6.9333	0	-0.0011	6.9322	0.2793	0	0.0126	0.2918
22	8.64	8.15	6.9331	0	-0.001	6.9321	0.283	0	0.0137	0.2967
23	8.62	8.25	6.9327	0	-0.001	6.9317	0.2832	0	0.0124	0.2956
24	8.46	8.35	6.9314	0	-0.0009	6.9305	0.2841	0	0.01	0.2941
25	8.32	8.39	6.93	0	-0.001	6.929	0.2761	0	0.0074	0.2835
26	8	8.41	6.9289	0	-0.001	6.9279	0.2629	0	0.0065	0.2694
27	7.85	8.48	6.9281	0	-0.001	6.9271	0.2515	0	0.0064	0.2579
28	8.07	8.53	6.9276	0	-0.001	6.9266	0.2434	0	0.0052	0.2487

29	8.48	8.59	6.9276	0	-0.0011	6.9265	0.2377	0	0.0037	0.2414
30	9.1	8.67	6.9272	0	-0.0011	6.9261	0.2343	0	0.003	0.2373
31	8.93	8.7	6.9268	0	-0.001	6.9258	0.2348	0	0.0011	0.2359
32	8.98	8.72	6.9268	0	-0.0012	6.9256	0.2424	0	0.0013	0.2437
33	9.41	8.75	6.9261	0	-0.0012	6.9249	0.2449	0	0.0023	0.2472
34	8.75	8.78	6.9251	0	-0.0014	6.9237	0.2464	0	0.0012	0.2476
35	8.36	8.81	6.9247	0	-0.0013	6.9234	0.2427	0	0.0021	0.2448
36	8.82	8.87	6.9239	0	-0.0014	6.9226	0.2416	0	0.0041	0.2456
37	8.96	8.92	6.9238	0	-0.0014	6.9224	0.2401	0	0.0045	0.2446
38	9.23	8.95	6.9234	0	-0.0015	6.9219	0.2341	0	0.0037	0.2378
39	9.23	8.95	6.923	0	-0.0016	6.9214	0.2332	0	0.0039	0.2372
40	8.98	8.93	6.9231	0	-0.0015	6.9217	0.2417	0	0.0049	0.2466
41	9.06	8.91	6.9233	0	-0.0013	6.9219	0.2497	0	0.005	0.2546
42	9.24	8.89	6.9234	0	-0.0014	6.922	0.2541	0	0.0035	0.2577
43	8.98	8.86	6.9233	0	-0.0015	6.9218	0.2645	0	0.0021	0.2666
44	8.94	8.86	6.923	0	-0.0015	6.9215	0.2799	0	0.0022	0.2821
45	9.17	8.89	6.9229	0	-0.0014	6.9215	0.2915	0	0.0031	0.2946
46	8.72	8.91	6.9226	0	-0.0013	6.9213	0.2944	0	0.0031	0.2975
47	8.63	8.88	6.9226	0	-0.0014	6.9212	0.28	0	0.004	0.284
48	8.62	8.86	6.9222	0	-0.0014	6.9208	0.2625	0	0.004	0.2665
49	8.63	8.88	6.9223	0	-0.0014	6.9209	0.2498	0	0.0032	0.253
50	8.49	8.92	6.9228	0	-0.0015	6.9213	0.2423	0	0.0029	0.2453
51	8.73	8.92	6.9234	0	-0.0017	6.9218	0.2316	0	0.0026	0.2343
52	8.87	8.93	6.924	0	-0.0017	6.9223	0.2266	0	0.0054	0.232
53	8.72	8.94	6.9245	0	-0.0015	6.923	0.2217	0	0.0078	0.2295
54	8.93	8.94	6.9249	0	-0.0013	6.9236	0.2226	0	0.0094	0.232
55	9.1	8.91	6.9248	0	-0.0013	6.9235	0.2263	0	0.009	0.2353
56	8.4	8.94	6.9243	0	-0.0013	6.923	0.2277	0	0.0077	0.2354
57	8.94	8.98	6.9239	0	-0.0014	6.9225	0.2319	0	0.0076	0.2394
58	9.67	8.98	6.9234	0	-0.0014	6.922	0.2294	0	0.0099	0.2393
59	9.58	9.02	6.9225	0	-0.0015	6.921	0.2312	0	0.0089	0.2401
60	9.14	9.08	6.9209	0	-0.0017	6.9192	0.2397	0	0.0044	0.2442
61	9.36	9.11	6.92	0	-0.0018	6.9182	0.2371	0	0.0031	0.2402
62	9.18	9.13	6.9195	0	-0.0018	6.9177	0.2368	0	0.0031	0.2399
63	8.91	9.19	6.9192	0	-0.0017	6.9175	0.2405	0	0.0037	0.2442
64	8.77	9.28	6.9191	0	-0.0016	6.9175	0.2496	0	0.0034	0.2529
65	9.17	9.34	6.919	0	-0.0016	6.9174	0.2598	0	0.0028	0.2627

66	9.35	9.43	6.9189	0	-0.0017	6.9172	0.2754	0	0.0039	0.2793
67	8.78	9.47	6.9191	0	-0.0018	6.9173	0.2945	0	0.0057	0.3003
68	9.34	9.5	6.9192	0	-0.0018	6.9173	0.3077	0	0.0065	0.3142
69	9.66	9.55	6.919	0	-0.0019	6.9171	0.314	0	0.005	0.319
70	9.22	9.61	6.9186	0	-0.0019	6.9167	0.3203	0	0.0052	0.3255
71	9.27	9.67	6.918	0	-0.002	6.916	0.3252	0	0.007	0.3323
72	9.87	9.73	6.9177	0	-0.0019	6.9158	0.3317	0	0.008	0.3397
73	10.6	9.79	6.9174	0	-0.0017	6.9156	0.3422	0	0.0079	0.3501
74	10.2	9.83	6.9177	0	-0.0016	6.9161	0.3486	0	0.008	0.3566
75	10.1	9.86	6.9184	0	-0.0015	6.9169	0.3447	0	0.0094	0.3541
76	9.85	9.89	6.9191	0	-0.0015	6.9176	0.3396	0	0.0101	0.3497
77	10.1	9.96	6.9194	0	-0.0014	6.918	0.339	0	0.0088	0.3478
78	10.6	9.99	6.9196	0	-0.0013	6.9183	0.3362	0	0.0075	0.3436
79	10.2	9.99	6.9197	0	-0.0012	6.9184	0.3346	0	0.0062	0.3408
80	10.6	10	6.9194	0	-0.0011	6.9183	0.3399	0	0.0054	0.3452
81	10.3	10.1	6.9185	0	-0.0011	6.9174	0.3422	0	0.0068	0.349
82	10	10.1	6.9181	0	-0.0012	6.9169	0.3403	0	0.0087	0.3491
83	9.54	10.1	6.9177	0	-0.0011	6.9166	0.3378	0	0.0073	0.3451
84	9.73	10.1	6.9178	0	-0.0012	6.9166	0.3323	0	0.009	0.3413
85	9.95	10.1	6.9176	0	-0.0014	6.9163	0.324	0	0.0072	0.3312
86	10.1	10.1	6.9175	0	-0.0014	6.9161	0.3243	0	0.0069	0.3312
87	9.89	10.1	6.9178	0	-0.0013	6.9165	0.3198	0	0.0071	0.3269
88	9.65	10	6.9177	0	-0.0014	6.9163	0.3255	0	0.007	0.3325
89	9.81	10	6.9167	0	-0.0014	6.9152	0.3283	0	0.0051	0.3334
90	10.2	9.97	6.9157	0	-0.0015	6.9142	0.3312	0	0.004	0.3352
91	10.5	9.93	6.915	0	-0.0013	6.9137	0.3414	0	0.0041	0.3455
92	10.6	9.91	6.9138	0	-0.0012	6.9126	0.3532	0	0.0052	0.3584
93	9.89	9.92	6.9121	0	-0.0012	6.9109	0.3631	0	0.0048	0.3679
94	10	9.92	6.9107	0	-0.0013	6.9094	0.3683	0	0.0046	0.3729
95	10.1	9.91	6.9102	0	-0.0013	6.9088	0.3685	0	0.0054	0.3739
96	9.81	9.92	6.9113	0	-0.0014	6.9099	0.3742	0	0.0039	0.3781
97	10.1	9.9	6.9127	0	-0.0014	6.9113	0.3801	0	0.004	0.3841
98	9.63	9.93	6.9137	0	-0.0013	6.9124	0.3928	0	0.0042	0.3969
99	9.62	9.92	6.9142	0	-0.0013	6.9129	0.401	0	0.0058	0.4068
100	9.67	9.87	6.9142	0	-0.0014	6.9129	0.4097	0	0.006	0.4157
101	9.58	9.84	6.9141	0	-0.0015	6.9126	0.4306	0	0.0048	0.4354
102	9.65	9.79	6.9139	0	-0.0016	6.9123	0.448	0	0.0035	0.4515

103	9.73	9.81	6.9133	0	-0.0017	6.9115	0.4609	0	0.0041	0.465
104	9.91	9.82	6.9124	0	-0.0018	6.9106	0.4749	0	0.0066	0.4816
105	10.2	9.82	6.9119	0	-0.0018	6.9101	0.4908	0	0.0094	0.5002
106	9.48	9.84	6.9114	0	-0.0018	6.9096	0.5027	0	0.01	0.5127
107	10.2	9.84	6.9113	0	-0.002	6.9093	0.5061	0	0.0101	0.5162
108	9.69	9.87	6.9109	0	-0.0019	6.909	0.5044	0	0.0104	0.5148
109	9.31	9.9	6.9107	0	-0.0016	6.9091	0.5046	0	0.0119	0.5164
110	9.79	9.93	6.9107	0	-0.0015	6.9092	0.507	0	0.0101	0.5172
111	9.64	9.96	6.9106	0	-0.0016	6.909	0.4965	0	0.0093	0.5058
112	10.3	9.99	6.9102	0	-0.0017	6.9086	0.4993	0	0.0065	0.5057
113	10.2	10.1	6.9093	0	-0.0016	6.9077	0.5106	0	0.0076	0.5182
114	10.1	10.1	6.9083	0	-0.0015	6.9068	0.5098	0	0.0106	0.5204
115	10.2	10.1	6.9068	0	-0.0015	6.9053	0.5093	0	0.0126	0.5219
116	10.2	10.2	6.905	0	-0.0017	6.9034	0.5091	0	0.0109	0.52
117	10.2	10.2	6.904	0	-0.0018	6.9022	0.5108	0	0.0101	0.521
118	10.2	10.3	6.9033	0	-0.0017	6.9016	0.5154	0	0.0102	0.5256
119	10.3	10.3	6.9023	0	-0.0017	6.9006	0.5233	0	0.0075	0.5308
120	10.1	10.4	6.9014	0	-0.0018	6.8996	0.5341	0	0.005	0.539
121	10.3	10.4	6.9001	0	-0.0019	6.8982	0.5361	0	0.0071	0.5432
122	11.1	10.5	6.8989	0	-0.0018	6.8971	0.5369	0	0.0018	0.5387
123	10.5	10.5	6.8979	0	-0.0018	6.8961	0.5395	0	-0.0001	0.5394
124	10.6	10.6	6.8969	0	-0.0019	6.8951	0.5452	0	0.0025	0.5476
125	10.5	10.6	6.896	0	-0.002	6.894	0.5534	0	0.0052	0.5586
126	10.5	10.6	6.895	0	-0.0019	6.8932	0.5816	0	0.0052	0.5868
127	10.9	10.7	6.8945	0	-0.0017	6.8927	0.5998	0	0.0043	0.6041
128	10.8	10.7	6.8942	0	-0.0017	6.8925	0.6142	0	0.0055	0.6196
129	10.5	10.7	6.8936	0	-0.0016	6.892	0.6306	0	0.0075	0.6381
130	10.8	10.8	6.893	0	-0.0018	6.8912	0.6414	0	0.009	0.6504
131	11.1	10.9	6.8928	0	-0.0019	6.8909	0.6403	0	0.0113	0.6517
132	10.8	10.9	6.893	0	-0.0019	6.8911	0.632	0	0.0116	0.6436
133	11.1	10.9	6.8929	0	-0.0021	6.8908	0.6325	0	0.0096	0.6421
134	10.9	10.8	6.8927	0	-0.0021	6.8906	0.6303	0	0.0085	0.6388
135	10.8	10.8	6.8922	0	-0.002	6.8902	0.6249	0	0.0043	0.6292
136	11	10.9	6.8919	0	-0.0021	6.8899	0.6244	0	0.009	0.6334
137	10.7	10.9	6.8913	0	-0.0021	6.8892	0.6259	0	0.0064	0.6323
138	11.2	11	6.8905	0	-0.002	6.8885	0.6355	0	0.0066	0.6421
139	11.6	11	6.8899	0	-0.002	6.8879	0.6413	0	0.0057	0.647

140	11.1	11	6.889	0	-0.0019	6.8871	0.6451	0	0.0032	0.6483
141	10.7	11	6.8879	0	-0.0018	6.8861	0.6447	0	0.0019	0.6466
142	10.6	11	6.8871	0	-0.0019	6.8852	0.6441	0	0.0027	0.6468
143	10.3	11.1	6.8865	0	-0.002	6.8845	0.6444	0	0.0032	0.6476
144	10.6	11.1	6.8861	0	-0.002	6.8841	0.6455	0	0.0018	0.6473
145	11.3	11.1	6.8855	0	-0.0018	6.8837	0.6467	0	0.001	0.6477
146	11.9	11.2	6.8846	0	-0.0017	6.8829	0.654	0	0.001	0.6549
147	11.4	11.2	6.8833	0	-0.0018	6.8815	0.6723	0	0.0001	0.6724
148	10.6	11.2	6.8821	0	-0.002	6.8801	0.684	0	0.001	0.685
149	10.7	11.2	6.8813	0	-0.002	6.8793	0.6985	0	0.0018	0.7003
150	11.4	11.3	6.8798	0	-0.002	6.8778	0.7184	0	0.002	0.7204
151	11.4	11.4	6.8786	0	-0.002	6.8766	0.7394	0	0.0022	0.7415
152	11.7	11.4	6.8779	0	-0.0021	6.8758	0.7648	0	0.0014	0.7663
153	11.6	11.6	6.877	0	-0.0022	6.8749	0.7848	0	0.0013	0.7861
154	11.5	11.6	6.8758	0	-0.0022	6.8736	0.7943	0	0	0.7944
155	11.9	11.7	6.8745	0	-0.0023	6.8722	0.7976	0	-0.001	0.7966
156	11.7	11.7	6.8737	0	-0.0023	6.8714	0.8053	0	-0.0011	0.8042
157	11.5	11.7	6.8734	0	-0.0024	6.871	0.8146	0	-0.0016	0.8131
158	11.6	11.8	6.8729	0	-0.0026	6.8704	0.8261	0	-0.0037	0.8224
159	12.1	11.9	6.8718	0	-0.0025	6.8693	0.8407	0	-0.0019	0.8388
160	12.4	11.9	6.8712	0	-0.0026	6.8686	0.8572	0	0.0009	0.8581
161	11.8	11.9	6.8701	0	-0.0024	6.8676	0.8727	0	0.0029	0.8756
162	12.4	11.9	6.8685	0	-0.0026	6.8659	0.8877	0	0.0013	0.889
163	12.3	11.9	6.8682	0	-0.0027	6.8655	0.9004	0	-0.0005	0.8999
164	12.3	12	6.8682	0	-0.0029	6.8653	0.8916	0	-0.0011	0.8905
165	12.1	12	6.8681	0	-0.0027	6.8654	0.8834	0	0.0014	0.8848
166	11.6	11.9	6.8679	0	-0.0027	6.8651	0.8712	0	0.0039	0.8751
167	11.6	12	6.8675	0	-0.0028	6.8647	0.848	0	0.0027	0.8507
168	12.2	12	6.8668	0	-0.0026	6.8643	0.8329	0	0.0008	0.8337
169	12.4	12	6.8656	0	-0.0024	6.8632	0.8315	0	0.0006	0.8322
170	12.1	12	6.865	0	-0.0026	6.8624	0.8292	0	-0.0005	0.8287
171	11.4	12	6.8643	0	-0.0022	6.8622	0.8278	0	-0.0018	0.8259
172	11.9	11.9	6.8638	0	-0.0019	6.8619	0.8222	0	-0.0017	0.8205
173	12	11.8	6.8629	0	-0.002	6.8609	0.8174	0	0.0009	0.8184
174	12	11.8	6.8624	0	-0.0021	6.8603	0.8127	0	0.001	0.8137
175	11.2	11.8	6.8603	0	-0.002	6.8583	0.8071	0	0.0002	0.8073
176	12.4	11.9	6.8591	0	-0.0019	6.8571	0.8007	0	-0.0007	0.8

177	12.3	11.9	6.858	0	-0.002	6.856	0.7929	0	0.001	0.7939
178	11.7	11.9	6.8566	0	-0.0021	6.8545	0.7755	0	0.0018	0.7773
179	11.6	11.9	6.8555	0	-0.0021	6.8534	0.7723	0	0.0031	0.7754
180	11.6	12	6.8554	0	-0.0022	6.8531	0.7727	0	0.0042	0.7769
181	11.4	12	6.8553	0	-0.0023	6.8531	0.7679	0	0.0034	0.7713
182	11.2	12.1	6.8548	0	-0.0022	6.8527	0.7635	0	0.0016	0.7651
183	12	12.1	6.8547	0	-0.002	6.8527	0.7635	0	0.001	0.7646
184	12.1	12.2	6.8553	0	-0.0016	6.8537	0.7631	0	0	0.7631
185	12.8	12.2	6.8552	0	-0.0023	6.8529	0.7663	0	0.0003	0.7666
186	12.1	12.3	6.8549	0	-0.002	6.8529	0.7685	0	0.0029	0.7714
187	12	12.3	6.8543	0	-0.002	6.8523	0.7674	0	0.0012	0.7686
188	13.2	12.3	6.8535	0	-0.0019	6.8516	0.776	0	0.0001	0.7761
189	12.5	12.4	6.8522	0	-0.0018	6.8504	0.7753	0	0.0015	0.7768
190	12.2	12.4	6.8512	0	-0.0016	6.8496	0.7799	0	0.0049	0.7848
191	12.8	12.4	6.8506	0	-0.0016	6.849	0.78	0	0.0071	0.7871
192	13.2	12.5	6.8494	0	-0.0015	6.8479	0.7683	0	0.0075	0.7758
193	13.1	12.5	6.8476	0	-0.0014	6.8462	0.7527	0	0.0061	0.7588
194	12.7	12.6	6.846	0	-0.0014	6.8446	0.7424	0	0.0041	0.7465
195	12.5	12.6	6.8448	0	-0.0014	6.8434	0.74	0	0.0029	0.7429
196	12.3	12.6	6.844	0	-0.0014	6.8426	0.7367	0	0.006	0.7428
197	12.1	12.6	6.8443	0	-0.0015	6.8428	0.7359	0	0.0059	0.7419
198	13.2	12.6	6.8438	0	-0.0015	6.8423	0.7423	0	0.005	0.7473
199	12.1	12.6	6.8423	0	-0.0015	6.8408	0.7513	0	0.0032	0.7545
200	12.3	12.6	6.8403	0	-0.0016	6.8387	0.755	0	0.0038	0.7588
201	12.3	12.6	6.8376	0	-0.0016	6.836	0.7487	0	0.004	0.7527
202	12.7	12.6	6.8354	0	-0.0017	6.8336	0.7548	0	0.0027	0.7575
203	13.1	12.6	6.8338	0	-0.0017	6.8321	0.7625	0	0.0003	0.7627
204	13.3	12.6	6.8327	0	-0.0017	6.831	0.7637	0	-0.002	0.7617
205	12.8	12.5	6.8314	0	-0.0017	6.8297	0.7599	0	-0.0034	0.7564
206	12.2	12.5	6.8299	0	-0.0016	6.8283	0.7588	0	-0.0037	0.7551
207	12.5	12.5	6.8286	0	-0.0016	6.827	0.7669	0	-0.0028	0.7641
208	12.2	12.5	6.8268	0	-0.0017	6.8251	0.773	0	-0.0022	0.7708
209	12.4	12.5	6.825	0	-0.0017	6.8233	0.773	0	-0.0029	0.7701
210	12.4	12.5	6.8234	0	-0.0018	6.8216	0.7668	0	-0.002	0.7647
211	12.9	12.5	6.8218	0	-0.0017	6.8201	0.7603	0	-0.0039	0.7564
212	13.1	12.5	6.8202	0	-0.0016	6.8186	0.7537	0	-0.0014	0.7523
213	12.4	12.5	6.8201	0	-0.0015	6.8186	0.7432	0	-0.0026	0.7406

214	12.3	12.5	6.8199	0	-0.0016	6.8183	0.7424	0	-0.0051	0.7373
215	12	12.5	6.8197	0	-0.0019	6.8178	0.7442	0	-0.0066	0.7375
216	12.3	12.5	6.8202	0	-0.0019	6.8183	0.7477	0	-0.0053	0.7424
217	12.7	12.5	6.8207	0	-0.0019	6.8188	0.7503	0	-0.0055	0.7448
218	12.4	12.6	6.8202	0	-0.0018	6.8184	0.7513	0	-0.0054	0.7459
219	11.9	12.6	6.8194	0	-0.0017	6.8178	0.7469	0	-0.0017	0.7453
220	12	12.5	6.8186	0	-0.0016	6.817	0.7366	0	-0.0002	0.7364
221	12.6	12.5	6.8179	0	-0.0017	6.8161	0.7365	0	-0.0031	0.7334
222	13.1	12.5	6.8172	0	-0.0019	6.8153	0.7429	0	0.0012	0.7441
223	12.6	12.5	6.8166	0	-0.0019	6.8147	0.7457	0	0.0021	0.7477
224	12.9	12.5	6.8162	0	-0.0019	6.8143	0.743	0	-0.0007	0.7423
225	12.3	12.5	6.8159	0	-0.0019	6.814	0.7461	0	0.0006	0.7468
226	13.2	12.6	6.8157	0	-0.002	6.8138	0.7298	0	0.0025	0.7323
227	13	12.5	6.8169	0	-0.0019	6.815	0.7272	0	0.0037	0.7309
228	12.5	12.5	6.8169	0	-0.002	6.815	0.7233	0	0.0028	0.7262
229	12.2	12.6	6.8163	0	-0.0021	6.8143	0.7189	0	0	0.719
230	12.3	12.6	6.8162	0	-0.0021	6.8141	0.7218	0	-0.0024	0.7194
231	12.6	12.7	6.8164	0	-0.0021	6.8144	0.7323	0	-0.0033	0.729
232	12.7	12.6	6.8166	0	-0.002	6.8146	0.7441	0	-0.0035	0.7407
233	12.3	12.7	6.8166	0	-0.0021	6.8145	0.7407	0	-0.0018	0.7389
234	12.6	12.6	6.8161	0	-0.0021	6.8139	0.7364	0	-0.0003	0.7361
235	12.6	12.7	6.8154	0	-0.0023	6.8131	0.7474	0	0.0048	0.7522
236	12.1	12.6	6.8152	0	-0.0022	6.813	0.7623	0	-0.0025	0.7597
237	12.7	12.5	6.8137	0	-0.0021	6.8116	0.7885	0	-0.0022	0.7863
238	13.1	12.5	6.813	0	-0.0022	6.8108	0.8106	0	-0.0012	0.8094
239	12.8	12.6	6.8119	0	-0.0025	6.8094	0.8071	0	0.0026	0.8098
240	13	12.6	6.811	0	-0.0026	6.8084	0.7887	0	0.0059	0.7946
241	12.9	12.6	6.8111	0	-0.0026	6.8085	0.7847	0	0.0087	0.7933
242	12.6	12.6	6.8118	0	-0.0025	6.8093	0.7977	0	0.01	0.8077
243	12.6	12.7	6.8123	0	-0.0024	6.8099	0.8009	0	0.0108	0.8117
244	12.7	12.6	6.8121	0	-0.0023	6.8098	0.79	0	0.0113	0.8014
245	11.8	12.6	6.8118	0	-0.0024	6.8094	0.7867	0	0.01	0.7967
246	12.2	12.7	6.811	0	-0.0023	6.8087	0.7856	0	0.0091	0.7948
247	12.2	12.6	6.8091	0	-0.0023	6.8068	0.7884	0	0.0051	0.7935
248	12.9	12.6	6.807	0	-0.0023	6.8047	0.7919	0	0.006	0.7979
249	13.4	12.6	6.8058	0	-0.0024	6.8035	0.7864	0	0.0069	0.7933
250	12.9	12.5	6.8049	0	-0.0024	6.8025	0.7783	0	0.007	0.7853

251	12.7	12.6	6.8031	0	-0.0023	6.8009	0.7621	0	0.0078	0.7699
252	12.6	12.5	6.8016	0	-0.0021	6.7995	0.76	0	0.0073	0.7673
253	12.5	12.6	6.8007	0	-0.002	6.7987	0.7596	0	0.0057	0.7654
254	12.5	12.6	6.7998	0	-0.0019	6.7979	0.7688	0	0.0056	0.7743
255	12.4	12.8	6.7986	0	-0.0019	6.7967	0.7793	0	0.0065	0.7858
256	12.4	12.9	6.797	0	-0.002	6.795	0.7824	0	0.007	0.7894
257	12.3	13	6.7961	0	-0.0022	6.7939	0.7798	0	0.0067	0.7865
258	12.1	13	6.7956	0	-0.0023	6.7933	0.7655	0	0.006	0.7716
259	12.4	13	6.7951	0	-0.0023	6.7928	0.739	0	0.0062	0.7451
260	13.3	13.1	6.7952	0	-0.0022	6.793	0.7264	0	0.007	0.7334
261	12.4	13.2	6.7947	0	-0.0023	6.7924	0.7283	0	0.007	0.7353
262	13.3	13.2	6.7941	0	-0.0023	6.7918	0.7301	0	0.0079	0.738
263	13.9	13.3	6.794	0	-0.0022	6.7918	0.7287	0	0.008	0.7367
264	14.4	13.3	6.7938	0	-0.0022	6.7916	0.7426	0	0.008	0.7506
265	14.4	13.3	6.7933	0	-0.0022	6.7911	0.7491	0	0.0066	0.7558
266	14.1	13.4	6.7928	0	-0.0022	6.7906	0.7519	0	0.0042	0.7561
267	13.7	13.4	6.7924	0	-0.0023	6.7901	0.7615	0	0.003	0.7645
268	13.5	13.4	6.7921	0	-0.0024	6.7897	0.7695	0	0.0039	0.7734
269	14	13.4	6.7919	0	-0.0024	6.7895	0.7756	0	0.0054	0.7809
270	14	13.4	6.7913	0	-0.0023	6.789	0.7904	0	0.0066	0.7971
271	13.3	13.4	6.7901	0	-0.0023	6.7878	0.8104	0	0.0075	0.8179
272	13.6	13.4	6.7892	0	-0.0021	6.7871	0.8327	0	0.0057	0.8384
273	13	13.4	6.7886	0	-0.0019	6.7867	0.8434	0	0.0041	0.8475
274	13.5	13.4	6.7878	0	-0.0021	6.7856	0.8517	0	0.005	0.8567
275	12.8	13.4	6.7873	0	-0.0023	6.785	0.8755	0	0.0041	0.8796
276	12.4	13.3	6.7864	0	-0.0023	6.7841	0.8862	0	0.0023	0.8886
277	12.7	13.3	6.7857	0	-0.0022	6.7834	0.8947	0	0.0005	0.8952
278	12.7	13.3	6.7847	0	-0.0021	6.7826	0.9149	0	0.0007	0.9156
279	12.6	13.3	6.7833	0	-0.0019	6.7814	0.9216	0	0.001	0.9226
280	13.1	13.3	6.7821	0	-0.0019	6.7802	0.922	0	0.0015	0.9235
281	13.4	13.4	6.7809	0	-0.0019	6.779	0.9307	0	0.0011	0.9318
282	13.4	13.4	6.7808	0	-0.002	6.7788	0.9449	0	0	0.9449
283	14	13.4	6.781	0	-0.0019	6.7791	0.9521	0	0	0.9521
284	14.1	13.5	6.7806	0	-0.0021	6.7785	0.9493	0	-0.0004	0.9488
285	13.2	13.6	6.779	0	-0.002	6.777	0.9462	0	-0.0022	0.944
286	13.5	13.6	6.7761	0	-0.0018	6.7743	0.9428	0	-0.0029	0.9398
287	13.6	13.7	6.7732	0	-0.0019	6.7713	0.9537	0	-0.002	0.9516

288	13.7	13.8	6.7728	0	-0.0022	6.7706	0.9398	0	-0.0002	0.9395
289	14.2	13.8	6.7733	0	-0.0024	6.7709	0.9268	0	-0.0008	0.926
290	14.4	13.9	6.7728	0	-0.0025	6.7702	0.9223	0	-0.0032	0.9191
291	14.2	13.9	6.7709	0	-0.0026	6.7683	0.9281	0	-0.004	0.9241
292	13.9	13.9	6.7693	0	-0.0026	6.7667	0.9416	0	-0.004	0.9376
293	14	13.9	6.7686	0	-0.0025	6.766	0.9574	0	-0.0031	0.9543
294	14.4	13.9	6.7674	0	-0.0024	6.765	0.9712	0	-0.0021	0.9691
295	14	13.9	6.7662	0	-0.0023	6.7639	0.9815	0	-0.0022	0.9793
296	14.2	13.9	6.7652	0	-0.0019	6.7633	0.9929	0	-0.0031	0.9898
297	14.2	13.9	6.7651	0	-0.0021	6.763	1.002	0	-0.003	0.999
298	13.2	13.9	6.7652	0	-0.0022	6.763	0.9746	0	-0.003	0.9716
299	13.9	13.9	6.7645	0	-0.0022	6.7623	0.9348	0	-0.003	0.9318
300	13.8	13.9	6.7641	0	-0.0024	6.7617	0.9079	0	-0.003	0.9049
301	14.3	13.8	6.7616	0	-0.0023	6.7593	0.8949	0	-0.0037	0.8912
302	13.6	13.8	6.7594	0	-0.0023	6.7571	0.8774	0	-0.004	0.8734
303	13.4	13.7	6.7569	0	-0.0023	6.7546	0.8639	0	-0.0034	0.8605
304	13.8	13.7	6.7547	0	-0.0023	6.7524	0.8702	0	-0.0029	0.8672
305	13.6	13.6	6.7531	0	-0.0024	6.7508	0.8837	0	-0.0023	0.8814
306	13.3	13.5	6.7519	0	-0.0023	6.7497	0.8756	0	-0.0013	0.8743
307	13.6	13.5	6.7521	0	-0.0022	6.7499	0.857	0	-0.0022	0.8548
308	14.3	13.5	6.7529	0	-0.0023	6.7506	0.8454	0	-0.0021	0.8433
309	14.2	13.4	6.7523	0	-0.0024	6.7499	0.8325	0	-0.002	0.8305
310	13.1	13.4	6.7506	0	-0.0025	6.7481	0.8356	0	-0.0029	0.8328
311	13.2	13.3	6.7488	0	-0.0025	6.7463	0.8403	0	-0.0005	0.8398
312	13.2	13.3	6.7473	0	-0.0024	6.7449	0.84	0	0.0005	0.8405
313	13	13.3	6.7459	0	-0.0023	6.7435	0.8419	0	0.001	0.8429
314	12.8	13.3	6.745	0	-0.0023	6.7427	0.842	0	0.0013	0.8433
315	13	13.2	6.7445	0	-0.0023	6.7422	0.8372	0	0.0003	0.8375
316	13.1	13.2	6.7441	0	-0.0022	6.7418	0.8391	0	-0.0015	0.8376
317	12.9	13.2	6.7437	0	-0.0022	6.7415	0.8412	0	-0.0026	0.8385
318	13.1	13.1	6.7426	0	-0.0023	6.7403	0.8313	0	-0.0017	0.8296
319	13.4	13	6.7404	0	-0.0023	6.738	0.8224	0	-0.002	0.8204
320	12.9	13	6.7376	0	-0.0024	6.7352	0.8199	0	-0.0036	0.8163
321	13.1	13.1	6.7346	0	-0.0023	6.7323	0.8271	0	-0.003	0.8241
322	12.6	13.1	6.7328	0	-0.0023	6.7305	0.8245	0	-0.0029	0.8216
323	13.7	13.1	6.7314	0	-0.0024	6.729	0.8265	0	-0.0005	0.8261
324	12.7	13.1	6.7287	0	-0.0023	6.7264	0.8262	0	0.0008	0.827

325	12.9	13.1	6.7273	0	-0.0021	6.7252	0.8218	0	-0.0028	0.8189
326	12.7	13.1	6.7263	0	-0.002	6.7242	0.8245	0	-0.0053	0.8192
327	13	13.1	6.7255	0	-0.002	6.7235	0.8277	0	-0.0066	0.821
328	13.1	13.1	6.7248	0	-0.0021	6.7227	0.8359	0	-0.0043	0.8316
329	13.4	13.1	6.7241	0	-0.0022	6.7219	0.8368	0	-0.0015	0.8353
330	13.3	13.1	6.7231	0	-0.0022	6.7209	0.8271	0	0.0009	0.828
331	13.3	13.2	6.7219	0	-0.0021	6.7199	0.8161	0	0.001	0.8171
332	13.8	13.2	6.7214	0	-0.002	6.7194	0.8061	0	0.002	0.8082
333	13	13.2	6.7217	0	-0.0021	6.7196	0.809	0	0.0006	0.8095
334	12.9	13.2	6.7215	0	-0.0019	6.7195	0.8149	0	-0.0002	0.8147
335	12.8	13.3	6.7211	0	-0.002	6.7191	0.8093	0	-0.0017	0.8077
336	13.6	13.4	6.7198	0	-0.002	6.7178	0.7911	0	0	0.7911
337	12.9	13.4	6.7197	0	-0.0021	6.7176	0.7648	0	0.0018	0.7666
338	12.6	13.5	6.7203	0	-0.0021	6.7182	0.7388	0	0.0012	0.74
339	13.7	13.5	6.7197	0	-0.0022	6.7175	0.7399	0	-0.0011	0.7388
340	14	13.5	6.7182	0	-0.0022	6.716	0.7508	0	-0.0034	0.7475
341	13.4	13.5	6.717	0	-0.0022	6.7148	0.7571	0	-0.0045	0.7526
342	13.3	13.4	6.7161	0	-0.0022	6.7139	0.7491	0	-0.0061	0.743
343	13.7	13.5	6.7151	0	-0.0022	6.713	0.7398	0	-0.0065	0.7333
344	13.8	13.5	6.714	0	-0.0021	6.7119	0.7378	0	-0.0045	0.7333
345	14.3	13.5	6.7125	0	-0.0021	6.7104	0.732	0	-0.0017	0.7303
346	14.4	13.5	6.7108	0	-0.002	6.7088	0.7254	0	-0.0004	0.725
347	13.6	13.4	6.7116	0	-0.002	6.7096	0.7254	0	0.0028	0.7282
348	13.3	13.5	6.7135	0	-0.002	6.7115	0.7384	0	0.0013	0.7397
349	13.6	13.4	6.715	0	-0.0021	6.713	0.7629	0	0.0031	0.766
350	13.2	13.4	6.7154	0	-0.002	6.7134	0.7644	0	0.0039	0.7683
351	13.2	13.4	6.7154	0	-0.0019	6.7135	0.7626	0	0.0033	0.7658
352	13.6	13.4	6.7152	0	-0.0017	6.7135	0.7472	0	0.0045	0.7516
353	13.6	13.3	6.7136	0	-0.0017	6.712	0.7321	0	0.0043	0.7365
354	13.1	13.3	6.7115	0	-0.0017	6.7098	0.7118	0	0.0016	0.7134
355	12.5	13.3	6.7111	0	-0.0018	6.7093	0.6909	0	-0.001	0.6899
356	12.6	13.2	6.7113	0	-0.0018	6.7095	0.6762	0	-0.002	0.6741
357	13.1	13.3	6.7116	0	-0.002	6.7096	0.6707	0	-0.0028	0.668
358	13	13.2	6.7124	0	-0.0021	6.7103	0.6805	0	-0.0042	0.6762
359	12.8	13.2	6.7115	0	-0.002	6.7095	0.6917	0	-0.0049	0.6868
360	13.1	13.1	6.7112	0	-0.0022	6.709	0.6931	0	-0.0051	0.688
361	13.1	13.1	6.7107	0	-0.0023	6.7084	0.6866	0	-0.006	0.6806

362	13.1	13.1	6.71	0	-0.0024	6.7076	0.6802	0	-0.006	0.6742
363	13.4	13	6.7098	0	-0.0024	6.7074	0.6808	0	-0.0042	0.6766
364	13.8	13	6.71	0	-0.0022	6.7078	0.6856	0	-0.004	0.6816
365	13.8	13.1	6.7094	0	-0.002	6.7074	0.6819	0	-0.0047	0.6771
366	14	13.1	6.7087	0	-0.0019	6.7068	0.6775	0	-0.0031	0.6744
367	12.5	13.1	6.7093	0	-0.0021	6.7072	0.6716	0	-0.0015	0.6702
368	12.5	13.1	6.7099	0	-0.0022	6.7077	0.6707	0	-0.001	0.6697
369	12.4	13.1	6.7099	0	-0.002	6.7079	0.6654	0	-0.001	0.6644
370	13.4	13.1	6.7086	0	-0.002	6.7066	0.644	0	-0.0013	0.6427
371	12.9	13.1	6.7076	0	-0.002	6.7056	0.625	0	-0.002	0.623
372	12.7	13.1	6.7066	0	-0.0021	6.7045	0.6207	0	-0.0021	0.6186
373	12.9	13.1	6.706	0	-0.002	6.704	0.6256	0	-0.003	0.6226
374	12.9	13	6.7056	0	-0.0019	6.7037	0.6356	0	-0.003	0.6326
375	12.8	13	6.7049	0	-0.0017	6.7031	0.6292	0	-0.0021	0.6271
376	13.1	12.9	6.7036	0	-0.0016	6.702	0.634	0	0.0004	0.6345
377	13.3	13	6.7021	0	-0.0018	6.7003	0.6277	0	0.0025	0.6302
378	13	13	6.701	0	-0.0019	6.6991	0.6208	0	0.003	0.6238
379	12.7	13.1	6.7006	0	-0.002	6.6987	0.627	0	0.0041	0.631
380	13	13	6.7005	0	-0.002	6.6985	0.6488	0	0.004	0.6528
381	13.2	13.1	6.7003	0	-0.0021	6.6982	0.6699	0	0.0039	0.6738
382	13.2	13.1	6.6999	0	-0.002	6.6978	0.6814	0	0.0054	0.6868
383	12.9	13.1	6.6996	0	-0.0019	6.6977	0.6931	0	0.0052	0.6983
384	12.8	13.1	6.6996	0	-0.0019	6.6977	0.7017	0	0.0037	0.7054
385	13.5	13.1	6.6999	0	-0.002	6.6979	0.7176	0	0.0068	0.7244
386	13.7	13.1	6.6996	0	-0.002	6.6976	0.7261	0	0.0051	0.7312
387	12.9	13.1	6.6993	0	-0.002	6.6973	0.7379	0	0.0016	0.7395
388	13.4	13.1	6.6988	0	-0.0021	6.6968	0.7411	0	-0.0014	0.7397
389	13	13.3	6.6982	0	-0.002	6.6962	0.7453	0	-0.002	0.7433
390	13.1	13.3	6.697	0	-0.0021	6.695	0.7376	0	-0.001	0.7365
391	13.2	13.3	6.6959	0	-0.002	6.694	0.7278	0	0.0005	0.7283
392	13.2	13.4	6.6953	0	-0.0019	6.6934	0.7274	0	0.0006	0.728
393	13	13.5	6.6948	0	-0.0021	6.6927	0.7294	0	0.0003	0.7297
394	12.8	13.6	6.6942	0	-0.0022	6.6919	0.7261	0	0.0016	0.7277
395	13.1	13.6	6.6936	0	-0.0023	6.6914	0.715	0	0.0029	0.7179
396	13.7	13.7	6.6927	0	-0.0022	6.6905	0.7161	0	0.0022	0.7184
397	13.4	13.8	6.6913	0	-0.0022	6.689	0.7001	0	0.003	0.7031
398	14.9	13.8	6.6889	0	-0.0025	6.6864	0.7039	0	0.003	0.7069

399	14.3	13.9	6.6881	0	-0.0026	6.6855	0.7087	0	-0.0014	0.7102
400	13.3	13.9	6.6878	0	-0.0027	6.6851	0.7092	0	-0.0012	0.708
401	14.4	14	6.6869	0	-0.0028	6.6841	0.7093	0	-0.0026	0.7067
402	14.5	14	6.6862	0	-0.0027	6.6835	0.7111	0	-0.0012	0.7099
403	14.4	14	6.6858	0	-0.0025	6.6833	0.7109	0	0.0005	0.7114
404	14.7	14.1	6.6857	0	-0.0022	6.6834	0.7042	0	0.0014	0.7056
405	14.9	14.2	6.6855	0	-0.0022	6.6834	0.6987	0	0.0026	0.7013
406	14.5	14.3	6.6849	0	-0.002	6.6829	0.7039	0	0.004	0.7079
407	13.9	14.3	6.684	0	-0.0018	6.6822	0.7139	0	0.004	0.7179
408	14.4	14.3	6.6838	0	-0.0018	6.6819	0.7198	0	0.0039	0.7237
409	14.1	14.3	6.683	0	-0.0019	6.6811	0.7289	0	0.003	0.7319
410	14	14.4	6.6819	0	-0.0019	6.68	0.7248	0	0.0012	0.726
411	13.5	14.4	6.6808	0	-0.0019	6.6789	0.7249	0	-0.003	0.7219
412	13.7	14.5	6.6793	0	-0.002	6.6773	0.715	0	-0.0032	0.7118
413	15.1	14.5	6.6773	0	-0.0019	6.6754	0.7016	0	-0.0011	0.7006
414	14.5	14.6	6.6768	0	-0.0018	6.675	0.6952	0	-0.0018	0.6934
415	14.5	14.6	6.6767	0	-0.002	6.6747	0.6944	0	-0.0028	0.6916
416	14.6	14.7	6.6769	0	-0.0021	6.6748	0.6884	0	-0.0019	0.6865
417	14.4	14.7	6.6766	0	-0.0021	6.6745	0.6882	0	-0.0014	0.6868
418	14.4	14.7	6.6761	0	-0.0022	6.6739	0.7058	0	-0.0026	0.7032
419	14.7	14.8	6.676	0	-0.0022	6.6738	0.7167	0	-0.0023	0.7144
420	15.2	14.9	6.6751	0	-0.0022	6.6729	0.7209	0	-0.0022	0.7187
421	15.3	15	6.6725	0	-0.0021	6.6705	0.7063	0	-0.002	0.7043
422	16	15.1	6.6703	0	-0.002	6.6682	0.7058	0	-0.002	0.7038
423	16.1	15.1	6.6679	0	-0.0021	6.6658	0.7064	0	-0.0002	0.7062
424	15.2	15.2	6.6658	0	-0.0021	6.6637	0.7141	0	0.0017	0.7158
425	15.2	15.2	6.6639	0	-0.0022	6.6617	0.7206	0	0.0034	0.7239
426	15.1	15.2	6.6635	0	-0.0023	6.6612	0.7232	0	0.0051	0.7282
427	14.7	15.3	6.6634	0	-0.0023	6.6611	0.7182	0	0.0071	0.7253
428	15	15.3	6.6621	0	-0.0025	6.6596	0.7051	0	0.0055	0.7106
429	15.6	15.4	6.6593	0	-0.0026	6.6567	0.6947	0	0.0034	0.6981
430	15.6	15.3	6.6561	0	-0.0026	6.6535	0.6997	0	0.0007	0.7004
431	15.2	15.3	6.6538	0	-0.0026	6.6512	0.7179	0	-0.0011	0.7168
432	15.3	15.2	6.6521	0	-0.0026	6.6496	0.7346	0	-0.0032	0.7314
433	16.1	15	6.6515	0	-0.0024	6.6491	0.7413	0	-0.0005	0.7408
434	15.2	15	6.6497	0	-0.0026	6.6471	0.7403	0	0.001	0.7413
435	14.6	14.9	6.6485	0	-0.0025	6.646	0.7502	0	-0.0009	0.7492

436	16	14.8	6.6461	0	-0.0022	6.6439	0.7635	0	-0.002	0.7615
437	15.5	14.7	6.6456	0	-0.0019	6.6437	0.7753	0	-0.0013	0.774
438	15.2	14.6	6.6458	0	-0.0019	6.6439	0.7819	0	-0.0016	0.7803
439	14.5	14.6	6.646	0	-0.0021	6.6439	0.7813	0	-0.0018	0.7795
440	13.9	14.5	6.6454	0	-0.0022	6.6432	0.7783	0	-0.0007	0.7776
441	14	14.4	6.6442	0	-0.0023	6.6419	0.7705	0	-0.0013	0.7692
442	14.1	14.3	6.6431	0	-0.0022	6.6409	0.7619	0	-0.0001	0.7618
443	13.9	14.2	6.6425	0	-0.0023	6.6402	0.7513	0	-0.0008	0.7504
444	13.5	14.1	6.6425	0	-0.0024	6.6401	0.7469	0	-0.0039	0.743
445	13.7	14.1	6.6409	0	-0.0023	6.6386	0.7417	0	-0.0063	0.7354
446	13.3	14	6.6408	0	-0.0023	6.6385	0.741	0	-0.0058	0.7352
447	12.9	14	6.6412	0	-0.0023	6.6389	0.7382	0	-0.0058	0.7324
448	14.1	14	6.6426	0	-0.0021	6.6405	0.74	0	-0.007	0.733
449	14	14	6.6441	0	-0.002	6.6422	0.7358	0	-0.0093	0.7265
450	13.9	14	6.6445	0	-0.0018	6.6427	0.7377	0	-0.0093	0.7284
451	14	14.1	6.6443	0	-0.0018	6.6425	0.7353	0	-0.0109	0.7244
452	13.7	14.1	6.6442	0	-0.0018	6.6424	0.732	0	-0.0123	0.7197
453	13.8	14.1	6.6432	0	-0.0018	6.6414	0.7387	0	-0.011	0.7277
454	14.3	14.1	6.6416	0	-0.0019	6.6397	0.7442	0	-0.0081	0.7361
455	14.3	14.2	6.6407	0	-0.0022	6.6385	0.7596	0	-0.0073	0.7523
456	14.7	14.2	6.6399	0	-0.0022	6.6377	0.7745	0	-0.0057	0.7689
457	15	14.3	6.6396	0	-0.0024	6.6372	0.7878	0	-0.0049	0.7829
458	14.3	14.2	6.6395	0	-0.0024	6.6371	0.7842	0	-0.003	0.7812
459	14.6	14.2	6.6391	0	-0.0021	6.6369	0.785	0	-0.005	0.7801
460	15.2	14.2	6.6387	0	-0.0019	6.6368	0.7696	0	-0.0044	0.7652
461	14.4	14.1	6.6392	0	-0.002	6.6372	0.7628	0	-0.004	0.7588
462	14.1	14.1	6.6398	0	-0.0023	6.6375	0.7671	0	-0.0034	0.7638
463	14.2	14.1	6.6403	0	-0.0022	6.6381	0.7665	0	-0.0045	0.762
464	14.2	14.1	6.6406	0	-0.002	6.6386	0.7491	0	-0.0047	0.7445
465	14.2	14	6.6406	0	-0.0019	6.6387	0.7411	0	-0.0035	0.7376
466	13.8	14	6.6399	0	-0.0018	6.6381	0.744	0	-0.0036	0.7404
467	13.5	13.9	6.6387	0	-0.0018	6.6368	0.7539	0	-0.004	0.7499
468	13.5	14	6.6382	0	-0.002	6.6363	0.7618	0	-0.0045	0.7574
469	13.6	14	6.6378	0	-0.0018	6.636	0.7695	0	-0.0052	0.7643
470	13.2	13.9	6.638	0	-0.0018	6.6362	0.7866	0	-0.008	0.7786
471	13.7	13.9	6.637	0	-0.0018	6.6352	0.8033	0	-0.0105	0.7928
472	13.1	13.9	6.6359	0	-0.002	6.6339	0.7937	0	-0.0082	0.7855

473	13.5	14	6.6345	0	-0.0022	6.6324	0.7846	0	-0.0063	0.7782
474	13.7	14	6.6335	0	-0.0022	6.6313	0.7731	0	-0.0063	0.7668
475	13.9	14	6.6325	0	-0.0023	6.6303	0.7595	0	-0.0066	0.7529
476	14.1	14	6.6318	0	-0.0023	6.6294	0.7452	0	-0.0063	0.7389
477	14.6	14.1	6.6316	0	-0.0024	6.6292	0.7471	0	-0.0049	0.7422
478	15.2	14.1	6.6315	0	-0.0022	6.6293	0.7557	0	-0.004	0.7517
479	14.2	14.1	6.6307	0	-0.0021	6.6286	0.7547	0	-0.0052	0.7496
480	14.4	14.2	6.6287	0	-0.0019	6.6268	0.7405	0	-0.0053	0.7352
481	13.9	14.2	6.6269	0	-0.0018	6.625	0.7212	0	-0.0071	0.7141
482	15.5	14.3	6.6257	0	-0.002	6.6238	0.7078	0	-0.008	0.6998
483	14.5	14.3	6.6255	0	-0.002	6.6235	0.6992	0	-0.0112	0.6881
484	13.5	14.3	6.6246	0	-0.0018	6.6228	0.7119	0	-0.0103	0.7016
485	14.5	14.3	6.6235	0	-0.0018	6.6217	0.7009	0	-0.0119	0.689
486	14.5	14.3	6.6221	0	-0.0019	6.6202	0.7006	0	-0.0111	0.6896
487	14.3	14.3	6.6212	0	-0.0018	6.6193	0.6809	0	-0.0088	0.6721
488	14.2	14.3	6.6207	0	-0.0019	6.6188	0.676	0	-0.0085	0.6675
489	14.3	14.3	6.6204	0	-0.002	6.6184	0.6828	0	-0.0086	0.6743
490	14.5	14.2	6.62	0	-0.0019	6.6181	0.6972	0	-0.0086	0.6886
491	13.9	14.2	6.6198	0	-0.002	6.6178	0.7143	0	-0.0085	0.7058
492	13.8	14.2	6.6202	0	-0.0019	6.6183	0.7352	0	-0.0084	0.7267
493	14.1	14.1	6.6201	0	-0.0017	6.6184	0.745	0	-0.0073	0.7377
494	14	14.2	6.62	0	-0.0016	6.6184	0.754	0	-0.0082	0.7458
495	13.9	14.1	6.6195	0	-0.0017	6.6179	0.7776	0	-0.0098	0.7678
496	14.1	14.1	6.6188	0	-0.0016	6.6172	0.7734	0	-0.009	0.7644
497	14.6	14.2	6.6173	0	-0.0015	6.6157	0.7897	0	-0.0082	0.7815
498	14.6	14.3	6.6153	0	-0.0016	6.6138	0.8139	0	-0.008	0.8059
499	13.7	14.3	6.6143	0	-0.0017	6.6126	0.8444	0	-0.0077	0.8367
500	13.7	14.3	6.6143	0	-0.0016	6.6127	0.8713	0	-0.0066	0.8647
501	14.2	14.3	6.6137	0	-0.0015	6.6122	0.8866	0	-0.0043	0.8823
502	14.2	14.4	6.6123	0	-0.0016	6.6107	0.8973	0	-0.0043	0.893
503	13.9	14.4	6.6113	0	-0.0016	6.6097	0.9047	0	-0.0069	0.8978
504	13.9	14.5	6.6097	0	-0.0015	6.6082	0.9003	0	-0.009	0.8913
505	14.5	14.5	6.6081	0	-0.0016	6.6065	0.8931	0	-0.0105	0.8826
506	15.1	14.6	6.6061	0	-0.0015	6.6046	0.8934	0	-0.0151	0.8784
507	15.7	14.6	6.6056	0	-0.0015	6.6041	0.8995	0	-0.0172	0.8823
508	15.1	14.7	6.6052	0	-0.0013	6.6039	0.9021	0	-0.0173	0.8848
509	14	14.8	6.6061	0	-0.0015	6.6046	0.9083	0	-0.0162	0.8921

510	14.3	14.8	6.6056	0	-0.0015	6.6041	0.9213	0	-0.0134	0.9079
511	15.3	14.8	6.6041	0	-0.0016	6.6025	0.9244	0	-0.0106	0.9138
512	15.4	14.9	6.6026	0	-0.0015	6.6011	0.931	0	-0.0105	0.9205
513	14.9	14.9	6.6024	0	-0.0015	6.6009	0.9418	0	-0.0139	0.9279
514	14.9	15	6.6027	0	-0.0015	6.6012	0.9585	0	-0.0164	0.9421
515	15.3	15	6.6023	0	-0.0016	6.6007	0.9771	0	-0.0168	0.9602
516	15.1	15	6.6015	0	-0.0017	6.5998	0.9882	0	-0.0166	0.9716
517	15.2	15	6.6005	0	-0.0017	6.5988	0.9905	0	-0.016	0.9745
518	15.7	15	6.5992	0	-0.0017	6.5975	0.9885	0	-0.0163	0.9721
519	14.5	15	6.5973	0	-0.0014	6.5959	1.0053	0	-0.0157	0.9896
520	14.4	15	6.5947	0	-0.0011	6.5936	1.0232	0	-0.0112	1.012
521	15.2	15	6.5932	0	-0.0013	6.5919	1.0328	0	-0.011	1.0218
522	14.8	15	6.5918	0	-0.0014	6.5904	1.0309	0	-0.011	1.0199
523	14.5	15	6.5906	0	-0.0015	6.5891	1.0198	0	-0.016	1.0038
524	14.6	15	6.5898	0	-0.0014	6.5884	1.0197	0	-0.0187	1.001
525	15.1	15	6.5894	0	-0.0015	6.5879	1.0283	0	-0.0181	1.0102
526	15.7	15	6.5888	0	-0.0018	6.587	1.0383	0	-0.0168	1.0216
527	15.6	15.1	6.5878	0	-0.0019	6.5859	1.0585	0	-0.0165	1.042
528	14.6	15.1	6.5866	0	-0.0019	6.5847	1.0752	0	-0.0168	1.0583
529	14.5	15.1	6.5852	0	-0.0021	6.5831	1.0847	0	-0.0164	1.0682
530	14.3	15.2	6.584	0	-0.0019	6.5821	1.0852	0	-0.0147	1.0706
531	15.2	15.2	6.583	0	-0.0018	6.5812	1.0741	0	-0.0139	1.0603
532	14.8	15.2	6.5822	0	-0.0014	6.5807	1.0717	0	-0.0122	1.0595
533	15.5	15.2	6.5803	0	-0.0014	6.5789	1.0674	0	-0.0131	1.0543
534	15.2	15.3	6.5796	0	-0.0014	6.5782	1.0818	0	-0.0137	1.0681
535	16.2	15.3	6.5784	0	-0.0014	6.577	1.0854	0	-0.0124	1.0731
536	16.3	15.4	6.578	0	-0.0013	6.5767	1.0817	0	-0.0126	1.0691
537	15.6	15.4	6.578	0	-0.0011	6.5769	1.076	0	-0.0147	1.0613
538	15	15.5	6.5775	0	-0.001	6.5765	1.0743	0	-0.0159	1.0584
539	15.2	15.5	6.5762	0	-0.0012	6.575	1.0749	0	-0.0177	1.0572
540	15.9	15.6	6.574	0	-0.0014	6.5726	1.0824	0	-0.0196	1.0628
541	15	15.6	6.5707	0	-0.0014	6.5693	1.0936	0	-0.0195	1.074
542	15.1	15.6	6.5686	0	-0.0015	6.5671	1.0945	0	-0.0209	1.0736
543	16.1	15.7	6.5671	0	-0.0015	6.5656	1.106	0	-0.0206	1.0854
544	16	15.8	6.5647	0	-0.0014	6.5633	1.1078	0	-0.017	1.0909
545	16.3	15.8	6.5636	0	-0.0014	6.5622	1.1141	0	-0.016	1.0981
546	16.2	15.8	6.5618	0	-0.0015	6.5604	1.1137	0	-0.0169	1.0968

547	15.7	15.9	6.5598	0	-0.0015	6.5583	1.1139	0	-0.0176	1.0963
548	15.3	16	6.5582	0	-0.0014	6.5568	1.1129	0	-0.0172	1.0957
549	15.5	16.1	6.557	0	-0.0013	6.5557	1.1115	0	-0.0188	1.0927
550	15.6	16.2	6.5558	0	-0.0013	6.5545	1.1192	0	-0.0216	1.0976
551	15.7	16.3	6.5546	0	-0.0013	6.5532	1.1306	0	-0.0224	1.1083
552	16.3	16.4	6.5537	0	-0.0011	6.5526	1.1276	0	-0.0224	1.1052
553	16.4	16.5	6.5532	0	-0.0009	6.5523	1.1185	0	-0.0231	1.0954
554	16.6	16.6	6.5523	0	-0.0009	6.5514	1.1203	0	-0.0222	1.0981
555	17.3	16.6	6.5513	0	-0.0007	6.5507	1.1094	0	-0.019	1.0903
556	17	16.7	6.55	0	-0.0005	6.5495	1.0987	0	-0.0179	1.0808
557	16.6	16.8	6.5494	0	-0.0007	6.5487	1.0945	0	-0.0152	1.0794
558	17.2	17	6.5487	0	-0.0008	6.5479	1.0921	0	-0.0142	1.0779
559	17.1	17	6.5469	0	-0.0008	6.5461	1.0833	0	-0.0122	1.0711
560	17.2	17.1	6.5462	0	-0.0008	6.5454	1.0871	0	-0.0129	1.0742
561	17.7	17.1	6.5461	0	-0.001	6.5451	1.0815	0	-0.0136	1.0679
562	17.7	17.1	6.5456	0	-0.0009	6.5447	1.067	0	-0.0142	1.0529
563	17.5	17.1	6.5444	0	-0.0005	6.5439	1.0526	0	-0.0142	1.0384
564	17.3	17.1	6.5429	0	-0.0003	6.5426	1.0535	0	-0.0142	1.0393
565	17	17.1	6.5418	0	-0.0002	6.5416	1.0683	0	-0.0138	1.0545
566	18	17	6.5408	0	-0.0002	6.5406	1.0805	0	-0.0155	1.065
567	18.4	17	6.5398	0	-0.0002	6.5396	1.0905	0	-0.0172	1.0734
568	16.8	17	6.5377	0	-0.0004	6.5373	1.0945	0	-0.019	1.0755
569	16.6	16.9	6.5355	0	-0.0007	6.5348	1.0988	0	-0.0179	1.0809
570	16.1	16.9	6.5347	0	-0.0007	6.534	1.0871	0	-0.0158	1.0713
571	16.4	16.9	6.5339	0	-0.0007	6.5332	1.0668	0	-0.0133	1.0535
572	16.5	16.8	6.534	0	-0.0004	6.5335	1.0603	0	-0.0153	1.045
573	16.9	16.7	6.5326	0	-0.0003	6.5323	1.0597	0	-0.0162	1.0435
574	16.7	16.6	6.5307	0	-0.0004	6.5303	1.0587	0	-0.0162	1.0425
575	15.9	16.6	6.5287	0	-0.0006	6.5281	1.061	0	-0.0162	1.0448
576	16	16.4	6.5259	0	-0.0007	6.5252	1.0712	0	-0.0187	1.0525
577	16.8	16.3	6.5241	0	-0.0007	6.5234	1.0858	0	-0.0218	1.0639
578	16.3	16.2	6.5231	0	-0.0006	6.5225	1.0965	0	-0.023	1.0735
579	17	16.2	6.5221	0	-0.0006	6.5216	1.0883	0	-0.0234	1.0649
580	16.6	16.2	6.5213	0	-0.0005	6.5208	1.0777	0	-0.0219	1.0558
581	16.7	16.1	6.5197	0	-0.0006	6.5191	1.0613	0	-0.0175	1.0438
582	16	16.1	6.519	0	-0.0007	6.5183	1.0421	0	-0.0167	1.0254
583	15.6	16	6.5173	0	-0.0006	6.5167	1.0289	0	-0.0127	1.0162

584	15.3	16	6.5161	0	-0.0006	6.5155	1.0106	0	-0.0115	0.9991
585	15.6	15.9	6.5153	0	-0.0005	6.5148	1.0029	0	-0.011	0.9919
586	15.8	15.8	6.5145	0	-0.0004	6.5141	0.989	0	-0.0113	0.9777
587	15.7	15.7	6.5137	0	-0.0003	6.5135	0.9863	0	-0.0116	0.9748
588	15.7	15.6	6.5132	0	-0.0001	6.5131	0.9896	0	-0.012	0.9777
589	15.7	15.5	6.5121	0	0	6.5121	0.9885	0	-0.0115	0.9771
590	15.8	15.3	6.5106	0	0	6.5107	0.9836	0	-0.014	0.9696
591	15.5	15.2	6.5103	0	0.0001	6.5104	0.9618	0	-0.0168	0.945
592	15.7	15.1	6.5096	0	0.0002	6.5098	0.936	0	-0.0193	0.9167
593	15.5	15.1	6.5093	0	0	6.5093	0.9215	0	-0.0229	0.8987
594	14.2	15	6.5086	0	0	6.5086	0.9078	0	-0.0245	0.8834
595	14.5	15	6.5082	0	0	6.5082	0.8891	0	-0.0241	0.8651
596	14.7	15	6.5074	0	0.0001	6.5076	0.8917	0	-0.0235	0.8682
597	14.4	15	6.506	0	0.0002	6.5062	0.889	0	-0.0228	0.8663
598	14.6	14.9	6.5042	0	0.0003	6.5045	0.8737	0	-0.023	0.8506
599	14.6	14.9	6.5024	0	0.0005	6.5029	0.8678	0	-0.0236	0.8443
600	14.3	14.9	6.5012	0	0.0006	6.5019	0.8661	0	-0.0222	0.8439
601	14.3	14.9	6.5009	0	0.0007	6.5016	0.8729	0	-0.0237	0.8492
602	14.5	14.8	6.5005	0	0.0007	6.5012	0.8727	0	-0.0243	0.8484
603	14.2	14.8	6.4993	0	0.0006	6.4999	0.8622	0	-0.0217	0.8405
604	14.8	14.8	6.4988	0	0.0004	6.4991	0.853	0	-0.019	0.834
605	16.3	14.8	6.4982	0	0.0002	6.4984	0.8509	0	-0.0185	0.8324
606	15.5	14.9	6.4966	0	0	6.4967	0.8562	0	-0.0149	0.8413
607	14.9	14.9	6.4964	0	-0.0001	6.4963	0.8344	0	-0.0122	0.8222
608	15.2	14.9	6.4969	0	-0.0001	6.4968	0.8261	0	-0.0129	0.8132
609	15.5	14.8	6.4974	0	-0.0002	6.4972	0.8223	0	-0.0138	0.8085
610	15.1	14.9	6.4975	0	-0.0001	6.4974	0.8033	0	-0.014	0.7893
611	14.4	14.9	6.4974	0	-0.0001	6.4973	0.8033	0	-0.0135	0.7898
612	14.4	14.9	6.4973	0	-0.0001	6.4972	0.8177	0	-0.0151	0.8026
613	15	14.9	6.497	0	0	6.497	0.8296	0	-0.0159	0.8136
614	15.2	14.9	6.4959	0	-0.0001	6.4958	0.837	0	-0.0144	0.8226
615	15.5	14.8	6.4943	0	-0.0001	6.4942	0.8371	0	-0.0118	0.8254
616	13.9	14.7	6.4925	0	0	6.4925	0.8186	0	-0.012	0.8066
617	14.8	14.7	6.491	0	0.0002	6.4912	0.8121	0	-0.0093	0.8028
618	14.2	14.6	6.4893	0	0.0001	6.4894	0.8015	0	-0.0083	0.7932
619	15.1	14.6	6.4886	0	0.0002	6.4888	0.8004	0	-0.0078	0.7925
620	14.3	14.5	6.4881	0	0.0002	6.4883	0.7859	0	-0.0079	0.778

621	14.7	14.5	6.4871	0	0.0003	6.4874	0.7818	0	-0.0065	0.7754
622	14.7	14.4	6.4858	0	0.0002	6.4861	0.7811	0	-0.006	0.7751
623	14.3	14.4	6.4847	0	0.0002	6.4848	0.7862	0	-0.0041	0.7821
624	14.2	14.3	6.4837	0	0.0002	6.4839	0.7727	0	-0.0049	0.7677
625	14.2	14.2	6.4823	0	0.0003	6.4826	0.7571	0	-0.0095	0.7476
626	14.3	14.2	6.4802	0	0.0004	6.4806	0.7385	0	-0.0149	0.7236
627	14.5	14.1	6.4782	0	0.0004	6.4786	0.7169	0	-0.0179	0.699
628	13.9	14.1	6.4778	0	0.0004	6.4782	0.7145	0	-0.0161	0.6984
629	13.7	14.1	6.4774	0	0.0001	6.4775	0.7242	0	-0.0157	0.7085
630	14.4	14.1	6.4779	0	-0.0001	6.4777	0.7327	0	-0.0159	0.7168
631	13.6	14	6.4788	0	-0.0001	6.4787	0.7444	0	-0.0145	0.7299
632	13.5	14	6.4793	0	-0.0002	6.4791	0.7479	0	-0.0141	0.7338
633	13.6	14	6.4792	0	-0.0003	6.479	0.7531	0	-0.0141	0.7389
634	13.7	14	6.4793	0	-0.0003	6.479	0.7382	0	-0.0145	0.7237
635	13.8	14	6.4795	0	-0.0003	6.4793	0.7243	0	-0.015	0.7093
636	13.5	14	6.4793	0	-0.0001	6.4792	0.7161	0	-0.0144	0.7018
637	13.9	14	6.479	0	0.0001	6.4791	0.7188	0	-0.012	0.7068
638	14.7	14	6.4787	0	0.0001	6.4788	0.7213	0	-0.0106	0.7107
639	14.2	14.1	6.4779	0	0.0002	6.4781	0.7274	0	-0.0093	0.7182
640	14	14.1	6.4778	0	0.0003	6.4781	0.7278	0	-0.0099	0.7179
641	14.4	14.1	6.4771	0	0.0005	6.4776	0.72	0	-0.0108	0.7092
642	13.8	14.1	6.4765	0	0.0008	6.4773	0.7277	0	-0.0099	0.7178
643	13.7	14.1	6.4764	0	0.001	6.4773	0.7409	0	-0.0094	0.7315
644	14.1	14.1	6.4758	0	0.001	6.4768	0.7594	0	-0.0117	0.7476
645	14.4	14.1	6.4744	0	0.0009	6.4753	0.7674	0	-0.0109	0.7565
646	14.9	14.2	6.4729	0	0.0008	6.4737	0.7791	0	-0.01	0.7691
647	14.9	14.3	6.4725	0	0.0008	6.4733	0.7799	0	-0.0094	0.7706
648	14.3	14.4	6.4714	0	0.001	6.4724	0.7783	0	-0.0075	0.7708
649	14.3	14.4	6.4704	0	0.0009	6.4713	0.7773	0	-0.0052	0.772
650	14.4	14.5	6.4685	0	0.001	6.4696	0.7663	0	-0.003	0.7633
651	13.9	14.5	6.4673	0	0.0011	6.4684	0.7472	0	-0.002	0.7452
652	13.6	14.6	6.4675	0	0.0011	6.4685	0.7476	0	-0.0023	0.7453
653	13.7	14.6	6.4679	0	0.001	6.4689	0.7732	0	-0.0035	0.7697
654	13.8	14.7	6.4672	0	0.001	6.4682	0.7858	0	-0.0054	0.7804
655	15.3	14.7	6.4657	0	0.0008	6.4665	0.799	0	-0.0081	0.7909
656	15.6	14.7	6.4665	0	0.0007	6.4673	0.8193	0	-0.0091	0.8102
657	15.8	14.7	6.4668	0	0.0006	6.4674	0.8129	0	-0.0117	0.8012

658	15.1	14.8	6.4664	0	0.0006	6.467	0.8373	0	-0.0121	0.8252
659	15	14.8	6.4666	0	0.0006	6.4672	0.8678	0	-0.012	0.8558
660	15	14.7	6.4659	0	0.0006	6.4665	0.8894	0	-0.0132	0.8761
661	14.9	14.7	6.4643	0	0.0005	6.4649	0.9052	0	-0.013	0.8922
662	15.1	14.8	6.4627	0	0.0007	6.4633	0.919	0	-0.0125	0.9065
663	15.1	14.8	6.4607	0	0.0009	6.4616	0.9322	0	-0.0122	0.92
664	14.5	14.9	6.4592	0	0.0009	6.4601	0.9451	0	-0.0111	0.934
665	14.7	14.8	6.4599	0	0.001	6.4609	0.9398	0	-0.01	0.9297
666	14.8	14.7	6.4596	0	0.0007	6.4604	0.929	0	-0.009	0.92
667	15.5	14.6	6.4597	0	0.0006	6.4603	0.9132	0	-0.0093	0.9039
668	14.6	14.5	6.4577	0	0.0004	6.458	0.8954	0	-0.0087	0.8867
669	13.9	14.4	6.4569	0	0.0001	6.457	0.8736	0	-0.0094	0.8642
670	13.8	14.4	6.4565	0	-0.0001	6.4565	0.869	0	-0.0078	0.8612
671	14.4	14.3	6.4558	0	-0.0001	6.4557	0.8719	0	-0.007	0.8649
672	14.8	14.3	6.4553	0	0	6.4553	0.8698	0	-0.0059	0.8639
673	14.4	14.1	6.4553	0	0.0002	6.4555	0.8604	0	-0.0047	0.8557
674	14.1	14.1	6.455	0	0.0006	6.4555	0.8641	0	-0.0066	0.8575
675	13.1	14	6.4549	0	0.0009	6.4558	0.8763	0	-0.0091	0.8672
676	14	13.8	6.4542	0	0.0011	6.4553	0.8797	0	-0.0094	0.8703
677	13.9	13.7	6.4526	0	0.0009	6.4535	0.8716	0	-0.0083	0.8633
678	13.7	13.6	6.4506	0	0.001	6.4516	0.8584	0	-0.0074	0.851
679	14	13.5	6.4489	0	0.001	6.4499	0.8635	0	-0.0071	0.8564
680	14	13.5	6.4469	0	0.0009	6.4478	0.8767	0	-0.0098	0.8669
681	13.5	13.4	6.4449	0	0.0008	6.4457	0.8952	0	-0.0128	0.8824
682	13	13.3	6.4437	0	0.0007	6.4444	0.906	0	-0.0138	0.8922
683	12.8	13.3	6.4435	0	0.0008	6.4443	0.9163	0	-0.0155	0.9008
684	12.9	13.3	6.4436	0	0.0009	6.4445	0.9306	0	-0.0155	0.9151
685	12.6	13.3	6.4437	0	0.0009	6.4446	0.9356	0	-0.0151	0.9205
686	12.3	13.3	6.4426	0	0.0008	6.4434	0.9368	0	-0.0147	0.9221
687	12.3	13.3	6.4416	0	0.0008	6.4424	0.9329	0	-0.0146	0.9183
688	13.1	13.4	6.4405	0	0.0008	6.4413	0.9311	0	-0.0124	0.9187
689	12.9	13.4	6.4394	0	0.001	6.4403	0.9327	0	-0.0106	0.9221
690	12.8	13.5	6.4386	0	0.0011	6.4397	0.9327	0	-0.0071	0.9256
691	13.3	13.6	6.4375	0	0.0011	6.4386	0.9412	0	-0.0044	0.9368
692	13.9	13.7	6.4355	0	0.0011	6.4366	0.9468	0	-0.003	0.9438
693	14.1	13.8	6.4334	0	0.0012	6.4345	0.9481	0	-0.0012	0.947
694	13.7	13.8	6.4318	0	0.0011	6.4329	0.9529	0	-0.0004	0.9525

695	13.8	14	6.4303	0	0.001	6.4313	0.9545	0	0	0.9545
696	14.5	14.1	6.4294	0	0.0011	6.4305	0.9446	0	-0.0012	0.9434
697	14.8	14.3	6.4281	0	0.001	6.4291	0.9403	0	-0.003	0.9373
698	15.1	14.4	6.4264	0	0.0008	6.4273	0.9485	0	-0.003	0.9456
699	15.2	14.5	6.4258	0	0.0008	6.4266	0.9471	0	-0.0012	0.9459
700	15.2	14.6	6.4265	0	0.0008	6.4274	0.9476	0	-0.0018	0.9458
701	14.9	14.6	6.4262	0	0.0009	6.4271	0.9469	0	-0.0005	0.9464
702	14.4	14.6	6.4232	0	0.001	6.4242	0.9467	0	0.0013	0.948
703	14.2	14.7	6.4207	0	0.0011	6.4218	0.9478	0	0.0025	0.9503
704	15.5	14.7	6.4189	0	0.0012	6.4201	0.9559	0	0.0001	0.956
705	14.9	14.7	6.4163	0	0.0011	6.4174	0.9523	0	-0.002	0.9504
706	15.4	14.7	6.4153	0	0.0012	6.4165	0.9307	0	-0.004	0.9267
707	15.1	14.7	6.4127	0	0.0011	6.4138	0.9307	0	-0.0037	0.9271
708	14.5	14.6	6.4101	0	0.0011	6.4112	0.9318	0	-0.0033	0.9284
709	14.2	14.6	6.4084	0	0.0012	6.4096	0.9339	0	-0.0022	0.9317
710	14.2	14.5	6.407	0	0.0012	6.4081	0.9356	0	-0.0007	0.9349
711	14.4	14.4	6.4055	0	0.0011	6.4066	0.9137	0	-0.0003	0.9134
712	14.6	14.4	6.4041	0	0.0011	6.4052	0.8926	0	0.0003	0.8929
713	14.2	14.4	6.4025	0	0.0011	6.4036	0.8795	0	0.0009	0.8804
714	14.1	14.4	6.4019	0	0.0009	6.4028	0.8662	0	0.0013	0.8675
715	14.9	14.3	6.4014	0	0.0008	6.4022	0.8576	0	0.0004	0.858
716	14.2	14.2	6.4012	0	0.0009	6.4021	0.8683	0	-0.0003	0.868
717	14.1	14.1	6.4015	0	0.0011	6.4025	0.8708	0	-0.0037	0.8671
718	13.9	14.1	6.4019	0	0.001	6.403	0.882	0	-0.0048	0.8772
719	13.5	14	6.4017	0	0.001	6.4027	0.8693	0	-0.006	0.8632
720	13.6	13.9	6.4009	0	0.0009	6.4018	0.8598	0	-0.0066	0.8532
721	14.3	13.9	6.4002	0	0.0009	6.401	0.8515	0	-0.0079	0.8435
722	14.3	13.8	6.3998	0	0.0007	6.4005	0.8367	0	-0.0102	0.8265
723	14.2	13.8	6.3983	0	0.0008	6.3991	0.8283	0	-0.0115	0.8167
724	13.9	13.8	6.3961	0	0.0011	6.3972	0.8271	0	-0.0129	0.8142
725	13.5	13.7	6.3943	0	0.0013	6.3956	0.8206	0	-0.0127	0.8079
726	13.5	13.6	6.3931	0	0.0012	6.3943	0.8206	0	-0.0085	0.8121
727	13.2	13.6	6.3923	0	0.0011	6.3935	0.817	0	-0.0049	0.8121
728	13	13.5	6.3914	0	0.0011	6.3925	0.8021	0	-0.0052	0.7969
729	13	13.5	6.3898	0	0.0011	6.3909	0.7827	0	-0.0039	0.7788
730	13.4	13.5	6.3884	0	0.0011	6.3895	0.7662	0	-0.0037	0.7625
731	13.7	13.4	6.3882	0	0.0013	6.3894	0.7491	0	-0.0064	0.7427

732	13.7	13.4	6.3877	0	0.0014	6.3891	0.7373	0	-0.0067	0.7305
733	13.4	13.4	6.3862	0	0.0013	6.3875	0.7336	0	-0.0048	0.7288
734	13.4	13.4	6.3858	0	0.0012	6.387	0.7422	0	-0.0038	0.7384
735	13.2	13.4	6.3859	0	0.0012	6.3871	0.7526	0	-0.0023	0.7503
736	13	13.4	6.386	0	0.0013	6.3874	0.7615	0	-0.004	0.7575
737	13.1	13.4	6.3859	0	0.0013	6.3873	0.7649	0	-0.0065	0.7584
738	13.2	13.4	6.3854	0	0.0012	6.3866	0.7687	0	-0.0065	0.7622
739	13.1	13.4	6.3846	0	0.0009	6.3855	0.7704	0	-0.006	0.7644
740	13.3	13.4	6.3837	0	0.0007	6.3844	0.7778	0	-0.0035	0.7743
741	13.8	13.3	6.3824	0	0.0008	6.3832	0.7892	0	-0.001	0.7882
742	13.8	13.2	6.3817	0	0.0009	6.3826	0.7939	0	-0.001	0.7929
743	13.4	13.2	6.3811	0	0.001	6.382	0.7842	0	-0.0008	0.7835
744	13.9	13.2	6.3804	0	0.001	6.3814	0.7694	0	-0.0021	0.7673
745	13.6	13.2	6.3799	0	0.0011	6.381	0.77	0	-0.0031	0.7669
746	13.2	13.2	6.3789	0	0.0011	6.38	0.7674	0	-0.0047	0.7628
747	13	13.2	6.3776	0	0.0011	6.3787	0.7746	0	-0.0042	0.7704
748	13.1	13.3	6.3767	0	0.0011	6.3778	0.7705	0	-0.0049	0.7656
749	12.9	13.3	6.3756	0	0.0011	6.3767	0.7568	0	-0.0052	0.7516
750	12.4	13.3	6.3738	0	0.0011	6.3749	0.7493	0	-0.0046	0.7447
751	12.7	13.3	6.3726	0	0.001	6.3736	0.7512	0	-0.0033	0.7479
752	13	13.2	6.3727	0	0.0008	6.3735	0.7417	0	-0.0013	0.7405
753	12.7	13.2	6.3723	0	0.001	6.3733	0.7083	0	0.0013	0.7096
754	13	13.1	6.372	0	0.0012	6.3731	0.6898	0	0.0031	0.6929
755	13.6	13.1	6.3727	0	0.0012	6.3739	0.684	0	0.003	0.687
756	14.1	13	6.3735	0	0.0011	6.3745	0.6801	0	0.0004	0.6804
757	13.7	12.9	6.3736	0	0.0009	6.3745	0.6895	0	0.0031	0.6926
758	13.1	12.9	6.373	0	0.0008	6.3739	0.6712	0	0.0026	0.6738
759	13.1	12.9	6.373	0	0.0007	6.3737	0.6457	0	0.0014	0.6471
760	13.7	12.9	6.3745	0	0.0006	6.3751	0.6229	0	0.0016	0.6245
761	13.5	12.9	6.3751	0	0.0005	6.3756	0.6006	0	0.0015	0.6022
762	12.9	12.8	6.3747	0	0.0006	6.3753	0.5899	0	0.0013	0.5912
763	12.7	12.8	6.3741	0	0.0008	6.3749	0.6018	0	0.002	0.6038
764	12.4	12.9	6.3734	0	0.0009	6.3743	0.6069	0	0.0014	0.6083
765	11.8	12.8	6.3731	0	0.001	6.3741	0.6107	0	-0.0031	0.6076
766	11.8	12.6	6.3725	0	0.0011	6.3736	0.5972	0	-0.0058	0.5914
767	12.2	12.5	6.3715	0	0.0011	6.3726	0.5838	0	-0.0036	0.5802
768	12.7	12.4	6.3707	0	0.001	6.3717	0.5825	0	-0.0016	0.581

769	12.9	12.3	6.3709	0	0.0008	6.3717	0.5824	0	-0.0023	0.5802
770	11.9	12.2	6.3714	0	0.0007	6.3721	0.5758	0	-0.0034	0.5724
771	12.3	12.1	6.3721	0	0.0009	6.3731	0.5657	0	-0.004	0.5617
772	12.8	12.1	6.3725	0	0.0011	6.3736	0.5615	0	-0.0049	0.5566
773	13.1	12.1	6.3726	0	0.0015	6.3741	0.5663	0	-0.0069	0.5594
774	12.1	12.1	6.3729	0	0.0018	6.3748	0.5594	0	-0.0058	0.5536
775	11.4	12.1	6.3728	0	0.0018	6.3746	0.5398	0	-0.0029	0.537
776	11.1	12.1	6.3725	0	0.0016	6.3741	0.5266	0	-0.0003	0.5263
777	11.2	12.1	6.3724	0	0.0015	6.3739	0.5214	0	-0.0008	0.5206
778	11.4	12	6.3724	0	0.0014	6.3737	0.5113	0	-0.0026	0.5086
779	11.7	12	6.3723	0	0.0014	6.3736	0.5042	0	-0.003	0.5012
780	12.2	12.1	6.372	0	0.0016	6.3736	0.4744	0	-0.003	0.4714
781	12.7	12.1	6.3712	0	0.0015	6.3727	0.4547	0	-0.0049	0.4498
782	11.6	12.1	6.3703	0	0.0012	6.3716	0.4507	0	-0.0045	0.4462
783	12.5	12	6.3693	0	0.0012	6.3705	0.4424	0	-0.0026	0.4399
784	12.2	12.1	6.3684	0	0.0011	6.3695	0.421	0	-0.003	0.418
785	11.8	12.2	6.3676	0	0.0013	6.3689	0.4139	0	-0.0035	0.4104
786	11.6	12.2	6.3661	0	0.0015	6.3676	0.4189	0	-0.0027	0.4162
787	11.7	12.2	6.3647	0	0.0015	6.3662	0.4186	0	-0.0004	0.4182
788	12.5	12.3	6.3634	0	0.0014	6.3648	0.408	0	0.0001	0.4081
789	13.2	12.3	6.3616	0	0.0013	6.3629	0.4016	0	-0.0033	0.3982
790	12.7	12.3	6.3597	0	0.0012	6.3609	0.401	0	-0.006	0.395
791	12.6	12.2	6.3581	0	0.0012	6.3593	0.3927	0	-0.006	0.3867
792	12.4	12.2	6.3571	0	0.0012	6.3583	0.3665	0	-0.0065	0.36
793	13.2	12.2	6.3564	0	0.0014	6.3578	0.3634	0	-0.0067	0.3567
794	12.5	12.2	6.3548	0	0.0014	6.3562	0.3691	0	-0.0036	0.3655
795	12	12.2	6.3535	0	0.0015	6.355	0.3823	0	-0.002	0.3803
796	11.9	12.3	6.352	0	0.0015	6.3535	0.3978	0	-0.0022	0.3956
797	11.9	12.3	6.3511	0	0.0014	6.3525	0.3986	0	-0.0019	0.3966
798	11.9	12.3	6.3508	0	0.0014	6.3521	0.3924	0	0	0.3924
799	12	12.2	6.3508	0	0.0013	6.3521	0.3882	0	0.0002	0.3883
800	12.1	12.1	6.3514	0	0.0012	6.3526	0.373	0	0.0011	0.3741
801	11.9	12.1	6.352	0	0.0011	6.3531	0.3523	0	0.0018	0.354
802	11.7	12	6.3523	0	0.0009	6.3532	0.3346	0	0.0007	0.3353
803	12.8	12	6.3517	0	0.0008	6.3526	0.3297	0	-0.0009	0.3288
804	11.9	12	6.3505	0	0.0009	6.3514	0.3289	0	-0.0006	0.3284
805	12.5	12	6.3483	0	0.0011	6.3493	0.3265	0	0.0007	0.3273

806	12	11.9	6.3464	0	0.0009	6.3473	0.3299	0	0.0016	0.3316
807	11.9	11.9	6.3456	0	0.0009	6.3464	0.3332	0	-0.0003	0.3329
808	11.3	11.9	6.3456	0	0.001	6.3465	0.3273	0	-0.0029	0.3244
809	11.6	11.8	6.3461	0	0.001	6.3471	0.3128	0	-0.0044	0.3083
810	11.9	11.8	6.3469	0	0.001	6.3479	0.3066	0	-0.0048	0.3018
811	11.3	11.7	6.3465	0	0.001	6.3475	0.3199	0	-0.0044	0.3155
812	12.1	11.6	6.3439	0	0.0009	6.3448	0.3274	0	-0.0058	0.3216
813	12.5	11.5	6.3418	0	0.0009	6.3428	0.322	0	-0.004	0.318
814	12.1	11.4	6.3408	0	0.0012	6.3421	0.3152	0	-0.0014	0.3138
815	11.4	11.3	6.3417	0	0.0014	6.3431	0.2981	0	0.0031	0.3011
816	11.3	11.2	6.3428	0	0.0013	6.3441	0.295	0	0.0053	0.3003
817	11.4	11.1	6.3432	0	0.0012	6.3444	0.2953	0	0.0067	0.302
818	11.2	11.1	6.3437	0	0.0013	6.3449	0.2951	0	0.0064	0.3015
819	10.9	11	6.3441	0	0.0013	6.3454	0.2964	0	0.0053	0.3017
820	10.7	10.9	6.3443	0	0.0013	6.3456	0.3061	0	0.0037	0.3098
821	10.5	10.9	6.344	0	0.0013	6.3454	0.3264	0	0.0024	0.3288
822	10.4	10.8	6.3432	0	0.0014	6.3446	0.3512	0	0.0017	0.3529
823	10.4	10.8	6.3423	0	0.0014	6.3437	0.3528	0	0.0017	0.3545
824	10.2	10.7	6.3421	0	0.0014	6.3435	0.3481	0	0.003	0.3512
825	10.5	10.7	6.3417	0	0.0013	6.343	0.3533	0	0.0083	0.3615
826	10	10.7	6.3409	0	0.0013	6.3422	0.3603	0	0.0076	0.3679
827	9.97	10.7	6.3412	0	0.0014	6.3426	0.3616	0	0.005	0.3667
828	10.4	10.7	6.341	0	0.0014	6.3424	0.3721	0	0.0035	0.3756
829	10.7	10.7	6.3423	0	0.0014	6.3437	0.3776	0	0.002	0.3796
830	10.8	10.7	6.3429	0	0.0016	6.3445	0.3753	0	0.0028	0.3781
831	10.8	10.8	6.3431	0	0.0017	6.3448	0.365	0	0.0054	0.3704
832	10.8	10.8	6.3434	0	0.0016	6.3451	0.3495	0	0.0039	0.3534
833	10.8	10.8	6.3441	0	0.0016	6.3457	0.341	0	0.0005	0.3415
834	11.3	10.8	6.3444	0	0.0016	6.3459	0.3361	0	-0.0017	0.3343
835	11.6	10.8	6.344	0	0.0015	6.3454	0.3317	0	-0.0049	0.3268
836	11.1	10.9	6.3442	0	0.0014	6.3456	0.3188	0	-0.0038	0.3151
837	10.7	10.9	6.3451	0	0.0013	6.3465	0.3052	0	0.0006	0.3057
838	11.7	10.9	6.3452	0	0.0015	6.3467	0.3046	0	0.0005	0.3051
839	11.4	11	6.3445	0	0.0015	6.346	0.2884	0	-0.0032	0.2851
840	10.9	11	6.3444	0	0.0013	6.3457	0.2724	0	-0.0053	0.2671
841	10.5	11	6.3458	0	0.0015	6.3472	0.2621	0	-0.0051	0.257
842	10.7	11	6.3453	0	0.0016	6.3469	0.2558	0	-0.0035	0.2523

843	10.8	10.9	6.3441	0	0.0014	6.3455	0.2525	0	-0.002	0.2505
844	10.8	10.9	6.3421	0	0.0012	6.3433	0.2452	0	0.0009	0.2461
845	10.8	10.8	6.3401	0	0.0013	6.3414	0.221	0	0.0007	0.2217
846	10.9	10.8	6.3391	0	0.0013	6.3403	0.206	0	0.0007	0.2067
847	11	10.8	6.3384	0	0.0011	6.3395	0.2002	0	0.0015	0.2017
848	11.1	10.7	6.3379	0	0.0011	6.339	0.2091	0	0.0044	0.2135
849	11	10.6	6.3383	0	0.001	6.3393	0.215	0	0.0017	0.2167
850	10.6	10.5	6.3386	0	0.0009	6.3395	0.2068	0	-0.0002	0.2066
851	10.4	10.5	6.3392	0	0.0009	6.3401	0.1928	0	-0.0028	0.19
852	10.6	10.5	6.3397	0	0.0009	6.3406	0.2077	0	-0.0044	0.2033
853	10.5	10.4	6.3394	0	0.0011	6.3405	0.2229	0	-0.005	0.218
854	10.4	10.4	6.3393	0	0.0011	6.3404	0.2185	0	-0.0045	0.214
855	10.3	10.3	6.3397	0	0.001	6.3407	0.2044	0	-0.0043	0.2001
856	10.2	10.2	6.3402	0	0.0011	6.3413	0.1872	0	-0.0046	0.1826
857	9.85	10.2	6.3409	0	0.0012	6.3421	0.1795	0	-0.0077	0.1718
858	9.76	10.1	6.3418	0	0.0013	6.343	0.1856	0	-0.0092	0.1764
859	10	10.1	6.3424	0	0.0011	6.3435	0.2014	0	-0.0074	0.1939
860	10	10	6.3425	0	0.001	6.3436	0.2154	0	-0.007	0.2084
861	10.5	9.99	6.3423	0	0.0011	6.3434	0.2376	0	-0.007	0.2306
862	9.6	9.95	6.3425	0	0.001	6.3435	0.2449	0	-0.0073	0.2376
863	9.52	9.93	6.3426	0	0.0009	6.3435	0.2373	0	-0.0087	0.2286
864	9.6	9.96	6.3436	0	0.0006	6.3442	0.2341	0	-0.008	0.2261
865	9.68	9.94	6.3436	0	0.0005	6.3441	0.2435	0	-0.0043	0.2392
866	9.99	9.94	6.343	0	0.0004	6.3435	0.2691	0	-0.0016	0.2676
867	10.2	9.94	6.342	0	0.0005	6.3424	0.2894	0	-0.0015	0.2879
868	10	9.96	6.3411	0	0.0005	6.3416	0.3037	0	-0.0015	0.3022
869	9.65	9.98	6.3403	0	0.0004	6.3407	0.331	0	-0.0005	0.3305
870	9.49	10	6.3387	0	0.0005	6.3392	0.362	0	-0.001	0.361
871	9.83	9.99	6.337	0	0.0008	6.3378	0.3768	0	-0.001	0.3758
872	10.1	10	6.3372	0	0.001	6.3382	0.3957	0	-0.0005	0.3952
873	11	10	6.3378	0	0.0012	6.339	0.392	0	0.0017	0.3937
874	9.99	10.1	6.3376	0	0.001	6.3386	0.3859	0	0.0043	0.3902
875	10.1	10.1	6.3368	0	0.001	6.3378	0.3674	0	0.0034	0.3707
876	9.9	10.1	6.3364	0	0.0011	6.3375	0.3592	0	0.0026	0.3618
877	10.2	10.1	6.3352	0	0.0011	6.3363	0.3625	0	0.0025	0.3651
878	10.3	10.2	6.3346	0	0.0012	6.3358	0.3764	0	0.003	0.3794
879	10.5	10.3	6.3347	0	0.0011	6.3358	0.3775	0	0.003	0.3805

880	10.2	10.4	6.3355	0	0.001	6.3365	0.3885	0	0.0027	0.3912
881	9.76	10.4	6.3362	0	0.0011	6.3373	0.3996	0	0.0042	0.4038
882	10.1	10.4	6.3362	0	0.0012	6.3374	0.4095	0	0.0052	0.4147
883	10.7	10.4	6.3357	0	0.0014	6.3371	0.4143	0	0.0065	0.4208
884	10.1	10.4	6.3352	0	0.0016	6.3368	0.4291	0	0.0069	0.436
885	10.3	10.5	6.3357	0	0.0017	6.3374	0.4376	0	0.0074	0.445
886	10.3	10.6	6.3356	0	0.0014	6.337	0.4317	0	0.0082	0.4399
887	11.5	10.6	6.3343	0	0.0014	6.3357	0.4374	0	0.0058	0.4432
888	11	10.7	6.3346	0	0.0017	6.3363	0.4447	0	0.0032	0.4479
889	11.3	10.8	6.3343	0	0.0019	6.3362	0.4405	0	0.0045	0.445
890	10.7	10.9	6.3335	0	0.0017	6.3352	0.4284	0	0.005	0.4334
891	10.2	11	6.3326	0	0.0015	6.3341	0.4228	0	0.0029	0.4257
892	10.3	11.1	6.3318	0	0.0014	6.3332	0.4365	0	0.0034	0.4399
893	10.8	11.2	6.3319	0	0.0013	6.3332	0.4368	0	0.0037	0.4405
894	11.2	11.3	6.3327	0	0.0013	6.3341	0.4327	0	0.0014	0.4341
895	11.2	11.4	6.3329	0	0.0014	6.3343	0.4163	0	-0.0029	0.4133
896	11.1	11.5	6.332	0	0.0014	6.3333	0.3983	0	-0.0039	0.3943
897	11.7	11.5	6.3302	0	0.001	6.3312	0.3933	0	-0.0049	0.3884
898	12.2	11.5	6.3293	0	0.0012	6.3305	0.4013	0	-0.0055	0.3958
899	12.8	11.5	6.3301	0	0.0013	6.3314	0.4022	0	-0.0052	0.397
900	12.1	11.5	6.3321	0	0.0015	6.3336	0.4114	0	-0.0061	0.4053
901	12	11.6	6.3312	0	0.0015	6.3327	0.4176	0	-0.0065	0.4111
902	12	11.6	6.33	0	0.0014	6.3314	0.4248	0	-0.0069	0.4179
903	12.1	11.7	6.3299	0	0.0013	6.3311	0.4359	0	-0.0087	0.4272
904	12	11.7	6.33	0	0.0013	6.3313	0.4427	0	-0.0082	0.4345
905	11.9	11.7	6.3295	0	0.0015	6.3311	0.4497	0	-0.0072	0.4425
906	11.8	11.7	6.3284	0	0.0016	6.3301	0.4584	0	-0.0085	0.4499
907	11	11.7	6.327	0	0.0018	6.3288	0.4816	0	-0.007	0.4746
908	11.3	11.7	6.3254	0	0.0017	6.3271	0.5015	0	-0.0037	0.4978
909	11.1	11.6	6.3246	0	0.0017	6.3263	0.5184	0	-0.0025	0.5159
910	11.2	11.6	6.3232	0	0.0017	6.3249	0.528	0	-0.0028	0.5252
911	11.3	11.6	6.322	0	0.0017	6.3237	0.5214	0	-0.0025	0.5189
912	11.5	11.6	6.3202	0	0.0018	6.322	0.5125	0	0.0006	0.5131
913	11.7	11.5	6.3184	0	0.0017	6.3202	0.513	0	0.001	0.514
914	11.7	11.5	6.3165	0	0.0016	6.3181	0.5143	0	-0.0007	0.5136
915	11.6	11.5	6.3148	0	0.0016	6.3163	0.5266	0	-0.005	0.5216
916	11.5	11.4	6.3138	0	0.0015	6.3153	0.5313	0	-0.0048	0.5266

917	11.5	11.4	6.3129	0	0.0014	6.3142	0.5322	0	-0.0048	0.5274
918	11.5	11.4	6.3106	0	0.0013	6.3119	0.5277	0	-0.0055	0.5222
919	12	11.4	6.3079	0	0.0014	6.3093	0.5181	0	-0.0084	0.5097
920	11.4	11.4	6.3066	0	0.0014	6.308	0.5065	0	-0.0108	0.4958
921	11.3	11.4	6.3044	0	0.0014	6.3058	0.4944	0	-0.01	0.4844
922	11.4	11.4	6.304	0	0.0012	6.3052	0.4856	0	-0.0068	0.4788
923	11.8	11.4	6.3037	0	0.001	6.3047	0.4955	0	-0.0038	0.4917
924	11.2	11.3	6.3054	0	0.001	6.3064	0.512	0	-0.0012	0.5108
925	10.8	11.3	6.3057	0	0.001	6.3068	0.5175	0	-0.003	0.5145
926	11	11.2	6.3047	0	0.0011	6.3057	0.512	0	-0.0039	0.5081
927	11.1	11.3	6.3036	0	0.0011	6.3047	0.5093	0	-0.0038	0.5055
928	11.3	11.3	6.3033	0	0.0011	6.3044	0.4979	0	-0.0027	0.4952
929	11.4	11.2	6.3035	0	0.0011	6.3046	0.4954	0	-0.0013	0.494
930	10.7	11.2	6.3029	0	0.0012	6.3041	0.4984	0	-0.0023	0.4961
931	11.2	11.2	6.3022	0	0.0012	6.3034	0.5077	0	-0.0045	0.5032
932	11.8	11.2	6.302	0	0.001	6.303	0.525	0	-0.004	0.521
933	10.8	11.1	6.3012	0	0.0009	6.3021	0.5296	0	-0.0009	0.5286
934	10.5	11.1	6.3006	0	0.0008	6.3014	0.5207	0	0.0017	0.5224
935	10.8	11.1	6.3008	0	0.0007	6.3014	0.5146	0	0.0048	0.5194
936	11.8	11.1	6.3004	0	0.0008	6.3012	0.5174	0	0.0077	0.5252
937	11.6	11.1	6.3007	0	0.001	6.3017	0.5086	0	0.0066	0.5152
938	10.9	11	6.3012	0	0.0011	6.3022	0.4864	0	0.0054	0.4918
939	11	11	6.3017	0	0.001	6.3027	0.4893	0	0.0068	0.4961
940	11.3	11	6.3021	0	0.001	6.3032	0.4897	0	0.0066	0.4963
941	11.2	11	6.3021	0	0.0011	6.3032	0.4909	0	0.0041	0.4949
942	10.5	10.9	6.3017	0	0.0012	6.3029	0.4933	0	0.0015	0.4948
943	11.1	10.9	6.3009	0	0.0012	6.3021	0.4916	0	-0.0008	0.4908
944	11.2	10.9	6.3005	0	0.0015	6.302	0.4931	0	-0.0044	0.4887
945	10.8	10.9	6.3003	0	0.0017	6.302	0.4981	0	-0.0067	0.4914
946	10.3	10.9	6.2997	0	0.0018	6.3015	0.5059	0	-0.007	0.4989
947	10.7	10.8	6.2983	0	0.0017	6.2999	0.5055	0	-0.0075	0.498
948	11	10.8	6.2977	0	0.0016	6.2993	0.5009	0	-0.009	0.4919
949	11.3	10.8	6.2972	0	0.0016	6.2988	0.5089	0	-0.0038	0.5051
950	10.8	10.7	6.2968	0	0.0015	6.2984	0.5199	0	-0.0024	0.5175
951	9.89	10.7	6.2967	0	0.0016	6.2983	0.5392	0	-0.0011	0.5381
952	9.9	10.8	6.2961	0	0.0018	6.2979	0.5368	0	0.0022	0.539
953	10.6	10.8	6.2951	0	0.0019	6.297	0.5309	0	0.0046	0.5355

954	11.2	10.8	6.2943	0	0.0018	6.2962	0.524	0	0.0026	0.5267
955	11.1	10.8	6.2938	0	0.0019	6.2957	0.5165	0	0.0012	0.5177
956	10.5	10.9	6.292	0	0.0018	6.2938	0.5063	0	0.0007	0.5071
957	10.3	10.9	6.2907	0	0.0016	6.2923	0.493	0	0.0009	0.4939
958	10.6	10.8	6.2899	0	0.0015	6.2915	0.4768	0	0.0033	0.4802
959	11.1	10.8	6.2896	0	0.0014	6.291	0.4575	0	0.0041	0.4616
960	11.2	10.8	6.2904	0	0.0013	6.2917	0.45	0	0.005	0.455
961	11.6	10.9	6.2911	0	0.001	6.2921	0.4337	0	0.0077	0.4414
962	11.5	10.9	6.2912	0	0.0009	6.2921	0.4144	0	0.0096	0.424
963	11.1	10.9	6.2912	0	0.001	6.2921	0.3878	0	0.0095	0.3972
964	11	10.9	6.2909	0	0.0011	6.292	0.3635	0	0.0084	0.3719
965	10.8	10.8	6.2904	0	0.001	6.2914	0.3412	0	0.0068	0.348
966	10.7	10.8	6.2898	0	0.0009	6.2907	0.3238	0	0.0043	0.3281
967	10.9	10.8	6.2892	0	0.001	6.2902	0.3113	0	0.0026	0.3139
968	11.1	10.8	6.2893	0	0.0013	6.2906	0.3006	0	0.0017	0.3023
969	10.5	10.8	6.2897	0	0.0015	6.2911	0.2786	0	0.0003	0.2789
970	10.8	10.7	6.2893	0	0.0015	6.2908	0.257	0	0.001	0.258
971	11.3	10.6	6.2885	0	0.0014	6.2899	0.2472	0	0.0017	0.2488
972	10.6	10.5	6.2877	0	0.0013	6.289	0.228	0	0.0009	0.2289
973	10.1	10.4	6.2866	0	0.0013	6.2879	0.2258	0	-0.003	0.2228
974	10.4	10.3	6.2858	0	0.0013	6.2871	0.2257	0	-0.0073	0.2184
975	10.3	10.3	6.2856	0	0.0014	6.287	0.2442	0	-0.0064	0.2377
976	9.96	10.2	6.2854	0	0.0015	6.2869	0.256	0	-0.0056	0.2504
977	10.1	10.2	6.2854	0	0.0014	6.2868	0.2554	0	-0.0055	0.2499
978	10.3	10.1	6.2851	0	0.0013	6.2864	0.2506	0	-0.0041	0.2464
979	10	10.1	6.2849	0	0.0013	6.2862	0.2517	0	-0.0017	0.25
980	9.35	10	6.2847	0	0.0015	6.2862	0.256	0	-0.0001	0.256
981	9.56	9.94	6.2837	0	0.0015	6.2852	0.2536	0	0.0004	0.254
982	9.73	9.9	6.2833	0	0.0013	6.2845	0.246	0	-0.0002	0.2458
983	9.78	9.91	6.2836	0	0.0012	6.2848	0.2381	0	-0.0017	0.2364
984	9.87	9.88	6.2837	0	0.0011	6.2849	0.2221	0	-0.0019	0.2202
985	9.75	9.87	6.2839	0	0.0009	6.2848	0.2136	0	-0.0027	0.2109
986	9.86	9.89	6.2847	0	0.0007	6.2855	0.2068	0	-0.0017	0.2051
987	10.1	9.89	6.2856	0	0.0009	6.2865	0.1909	0	0	0.1909
988	9.45	9.88	6.2857	0	0.001	6.2867	0.187	0	0.0028	0.1899
989	9.52	9.89	6.2854	0	0.0012	6.2866	0.1873	0	0.0029	0.1903
990	10.1	9.91	6.2844	0	0.0013	6.2857	0.1897	0	0.0025	0.1922

991	9.9	9.92	6.2832	0	0.0014	6.2846	0.1959	0	0.0041	0.2
992	10.2	9.94	6.2827	0	0.0015	6.2842	0.1987	0	0.0056	0.2043
993	9.87	9.95	6.2826	0	0.0017	6.2843	0.1964	0	0.0052	0.2016
994	10.1	9.97	6.2829	0	0.002	6.2849	0.1912	0	0.006	0.1973
995	10.4	9.99	6.2823	0	0.0021	6.2844	0.1814	0	0.007	0.1884
996	10.1	9.97	6.2814	0	0.0021	6.2835	0.1809	0	0.0097	0.1906
997	10	9.94	6.2801	0	0.0019	6.282	0.1799	0	0.0093	0.1892
998	10.3	9.97	6.2784	0	0.0016	6.2799	0.1766	0	0.0062	0.1827
999	9.76	9.99	6.2781	0	0.0015	6.2797	0.1796	0	0.0056	0.1852
1000	9.69	10	6.2782	0	0.0016	6.2798	0.1811	0	0.0055	0.1866
1001	10.1	10	6.2776	0	0.0013	6.2788	0.1805	0	0.0045	0.185
1002	9.95	10	6.2769	0	0.0009	6.2779	0.1772	0	0.0049	0.1821
1003	10.3	10	6.2775	0	0.001	6.2785	0.1722	0	0.0068	0.179
1004	10.1	9.99	6.2784	0	0.0012	6.2796	0.1545	0	0.0087	0.1632
1005	9.55	9.95	6.2789	0	0.0015	6.2804	0.1515	0	0.009	0.1605
1006	9.53	9.93	6.2791	0	0.0016	6.2807	0.1516	0	0.0099	0.1615
1007	10.1	9.88	6.2793	0	0.0014	6.2808	0.1338	0	0.0102	0.144
1008	9.85	9.83	6.2797	0	0.0013	6.281	0.1206	0	0.0097	0.1303
1009	10.2	9.82	6.2796	0	0.0012	6.2808	0.119	0	0.0084	0.1274
1010	10.5	9.79	6.2798	0	0.0009	6.2807	0.1237	0	0.0068	0.1305
1011	10.4	9.76	6.2806	0	0.0007	6.2813	0.1302	0	0.0071	0.1373
1012	9.65	9.75	6.2814	0	0.0008	6.2823	0.1432	0	0.0064	0.1496
1013	9.42	9.71	6.2821	0	0.0009	6.283	0.1515	0	0.0059	0.1575
1014	9.65	9.68	6.2824	0	0.001	6.2833	0.1516	0	0.0052	0.1568
1015	9.68	9.67	6.2824	0	0.0011	6.2835	0.1479	0	0.0064	0.1543
1016	9.23	9.67	6.2827	0	0.0012	6.2839	0.1442	0	0.0076	0.1518
1017	9.26	9.68	6.2828	0	0.0012	6.284	0.1405	0	0.0091	0.1496
1018	9.5	9.71	6.2827	0	0.0013	6.284	0.1357	0	0.0115	0.1472
1019	9.22	9.71	6.2822	0	0.0013	6.2835	0.1368	0	0.0146	0.1514
1020	9.38	9.68	6.2819	0	0.0012	6.2831	0.1435	0	0.0154	0.1589
1021	9.71	9.64	6.2816	0	0.0013	6.2829	0.1444	0	0.0137	0.1581
1022	9.69	9.66	6.2814	0	0.0015	6.2829	0.1404	0	0.0104	0.1508
1023	9.42	9.72	6.2812	0	0.0017	6.2829	0.132	0	0.0062	0.1382
1024	9.4	9.75	6.2809	0	0.0017	6.2826	0.1229	0	0.0043	0.1272
1025	9.52	9.78	6.2801	0	0.0016	6.2817	0.1222	0	0.0046	0.1268
1026	10.3	9.81	6.2791	0	0.0016	6.2807	0.1246	0	0.0063	0.131
1027	10.3	9.88	6.2785	0	0.0015	6.28	0.1243	0	0.008	0.1323

1028	10.4	9.92	6.2781	0	0.0013	6.2794	0.124	0	0.0075	0.1315
1029	9.92	9.95	6.2779	0	0.0011	6.279	0.1218	0	0.0061	0.1279
1030	9.56	9.98	6.2776	0	0.0012	6.2787	0.1278	0	0.0072	0.135
1031	10	10	6.2776	0	0.0012	6.2788	0.1233	0	0.0117	0.135
1032	10.5	10	6.2782	0	0.0012	6.2793	0.1201	0	0.012	0.1321
1033	10.2	10.1	6.279	0	0.0011	6.2801	0.1264	0	0.0083	0.1347
1034	10.3	10.1	6.2792	0	0.0011	6.2803	0.1371	0	0.0059	0.143
1035	9.72	10.1	6.2801	0	0.0008	6.2809	0.1426	0	0.0048	0.1474
1036	10.7	10.1	6.2813	0	0.0008	6.2821	0.1494	0	0.0033	0.1528
1037	10.1	10	6.282	0	0.0007	6.2827	0.1637	0	0.0029	0.1666
1038	9.79	10	6.2825	0	0.0008	6.2832	0.1837	0	0.0067	0.1905
1039	10.1	9.99	6.2827	0	0.0008	6.2835	0.1912	0	0.0104	0.2015
1040	10.1	9.99	6.2825	0	0.0006	6.2832	0.1967	0	0.0121	0.2089
1041	9.85	9.98	6.2822	0	0.0006	6.2828	0.19	0	0.0144	0.2044
1042	10.1	9.93	6.282	0	0.0007	6.2827	0.1831	0	0.0172	0.2003
1043	9.94	9.9	6.2818	0	0.0006	6.2824	0.1847	0	0.0189	0.2036
1044	9.97	9.87	6.2824	0	0.0008	6.2832	0.1884	0	0.0202	0.2086
1045	9.73	9.86	6.2822	0	0.0007	6.2829	0.1903	0	0.0203	0.2106
1046	9.82	9.81	6.2817	0	0.0009	6.2826	0.18	0	0.0195	0.1996
1047	9.64	9.77	6.2806	0	0.001	6.2816	0.1694	0	0.018	0.1874
1048	9.46	9.73	6.2797	0	0.001	6.2807	0.1488	0	0.016	0.1649
1049	9.62	9.67	6.2791	0	0.001	6.2801	0.1291	0	0.0145	0.1436
1050	9.78	9.6	6.2788	0	0.0011	6.2799	0.1265	0	0.0134	0.1399
1051	9.61	9.56	6.279	0	0.0011	6.2801	0.1263	0	0.0149	0.1413
1052	9.71	9.5	6.2789	0	0.0011	6.28	0.1185	0	0.0144	0.1329
1053	9.77	9.47	6.2797	0	0.001	6.2807	0.109	0	0.0114	0.1205
1054	9.51	9.47	6.2792	0	0.0009	6.2801	0.1107	0	0.0101	0.1208
1055	9.69	9.46	6.2787	0	0.0009	6.2796	0.1186	0	0.0099	0.1285
1056	9.31	9.46	6.2786	0	0.0008	6.2794	0.1243	0	0.0116	0.1359
1057	9.01	9.47	6.2787	0	0.0007	6.2793	0.1302	0	0.0126	0.1428
1058	8.98	9.49	6.278	0	0.0007	6.2787	0.134	0	0.0115	0.1455
1059	8.93	9.53	6.2772	0	0.0007	6.278	0.1371	0	0.0091	0.1463
1060	8.96	9.54	6.2774	0	0.0006	6.2779	0.136	0	0.0086	0.1446
1061	9.13	9.58	6.2768	0	0.0004	6.2771	0.1378	0	0.0063	0.1441
1062	9.25	9.62	6.276	0	0.0003	6.2764	0.1466	0	0.0032	0.1498
1063	10	9.65	6.276	0	0.0005	6.2765	0.1561	0	0.0025	0.1586
1064	9.52	9.68	6.2761	0	0.0004	6.2766	0.1616	0	0.0044	0.166

1065	9.9	9.68	6.276	0	0.0002	6.2762	0.1625	0	0.0075	0.17
1066	9.84	9.67	6.2758	0	0	6.2758	0.1599	0	0.0063	0.1661
1067	9.85	9.67	6.2756	0	-0.0001	6.2755	0.1708	0	0.0053	0.1761
1068	10.4	9.67	6.2756	0	-0.0002	6.2754	0.1854	0	0.0072	0.1926
1069	9.89	9.67	6.2753	0	-0.0001	6.2752	0.191	0	0.0101	0.201
1070	10.3	9.67	6.2749	0	0.0001	6.275	0.1864	0	0.0125	0.1989
1071	10.5	9.67	6.2744	0	0.0004	6.2748	0.1824	0	0.0133	0.1958
1072	10.4	9.64	6.2745	0	0.0007	6.2752	0.182	0	0.0134	0.1954
1073	10.1	9.58	6.2743	0	0.0009	6.2752	0.1817	0	0.014	0.1958
1074	9.67	9.56	6.2736	0	0.0008	6.2745	0.175	0	0.0154	0.1903
1075	9.24	9.53	6.2731	0	0.0008	6.2739	0.1658	0	0.0187	0.1845
1076	8.98	9.5	6.273	0	0.0007	6.2737	0.1557	0	0.0213	0.177
1077	8.95	9.49	6.273	0	0.0006	6.2736	0.1452	0	0.024	0.1693
1078	8.84	9.46	6.2729	0	0.0007	6.2736	0.1384	0	0.0221	0.1605
1079	8.96	9.41	6.2721	0	0.0006	6.2727	0.1316	0	0.0181	0.1497
1080	9.19	9.34	6.2724	0	0.0003	6.2727	0.1263	0	0.0173	0.1436
1081	8.67	9.27	6.2717	0	0.0003	6.272	0.1262	0	0.0171	0.1434
1082	8.94	9.22	6.2706	0	0.0004	6.2711	0.1342	0	0.0158	0.1499
1083	9.2	9.19	6.2699	0	0.0006	6.2705	0.1583	0	0.0137	0.172
1084	9.25	9.17	6.2695	0	0.0007	6.2701	0.1806	0	0.0139	0.1945
1085	9.34	9.19	6.269	0	0.0006	6.2696	0.1977	0	0.0139	0.2116
1086	9.54	9.22	6.2684	0	0.0004	6.2688	0.2119	0	0.0112	0.2231
1087	9.76	9.24	6.2673	0	0.0002	6.2674	0.2213	0	0.0105	0.2318
1088	8.96	9.24	6.2665	0	0	6.2665	0.2207	0	0.0105	0.2312
1089	9.02	9.25	6.2657	0	0	6.2657	0.2213	0	0.0129	0.2342
1090	9.21	9.29	6.2654	0	-0.0001	6.2653	0.223	0	0.0142	0.2372
1091	9.4	9.34	6.2649	0	-0.0003	6.2646	0.222	0	0.0148	0.2369
1092	9.38	9.35	6.2642	0	-0.0004	6.2638	0.2236	0	0.0116	0.2352
1093	9.42	9.36	6.2638	0	-0.0003	6.2635	0.2259	0	0.0118	0.2378
1094	9.64	9.38	6.2639	0	0	6.2639	0.2227	0	0.0112	0.2338
1095	9.55	9.39	6.2643	0	0.0001	6.2645	0.2309	0	0.0122	0.2431
1096	9.23	9.39	6.2645	0	0.0003	6.2648	0.2344	0	0.0123	0.2467
1097	8.92	9.37	6.2652	0	0.0003	6.2655	0.2328	0	0.0127	0.2455
1098	9.16	9.39	6.2655	0	0.0001	6.2656	0.2216	0	0.0113	0.2329
1099	9.86	9.39	6.2655	0	0.0002	6.2657	0.2113	0	0.0105	0.2218
1100	9.65	9.38	6.2656	0	0.0001	6.2656	0.2035	0	0.0135	0.217
1101	9.19	9.39	6.2657	0	-0.0002	6.2655	0.204	0	0.014	0.218

1102	9.26	9.41	6.266	0	-0.0002	6.2658	0.2055	0	0.014	0.2195
1103	9.7	9.41	6.2664	0	0	6.2664	0.1998	0	0.013	0.2129
1104	9.62	9.41	6.2665	0	0.0002	6.2667	0.2047	0	0.012	0.2167
1105	9.43	9.39	6.2665	0	0.0003	6.2668	0.195	0	0.0125	0.2074
1106	9.45	9.37	6.2661	0	0.0003	6.2664	0.1861	0	0.0125	0.1986
1107	9.31	9.4	6.2659	0	0.0003	6.2662	0.1816	0	0.0108	0.1924
1108	9.05	9.42	6.266	0	0.0004	6.2663	0.1758	0	0.0093	0.185
1109	8.97	9.41	6.266	0	0.0003	6.2663	0.164	0	0.0085	0.1725
1110	9.55	9.43	6.266	0	0.0003	6.2663	0.1531	0	0.0075	0.1605
1111	9.79	9.5	6.2659	0	0.0004	6.2663	0.1557	0	0.0048	0.1605
1112	9.5	9.56	6.2658	0	0.0006	6.2664	0.1473	0	0.0014	0.1487
1113	9.58	9.57	6.2659	0	0.0005	6.2664	0.1376	0	0.0013	0.1389
1114	9.23	9.64	6.2661	0	0.0002	6.2663	0.1376	0	0.0037	0.1412
1115	8.74	9.7	6.2664	0	0.0005	6.2669	0.1405	0	0.0037	0.1442
1116	9.53	9.72	6.2656	0	0.0007	6.2663	0.1401	0	0.0034	0.1435
1117	9.59	9.73	6.2643	0	0.0005	6.2647	0.1383	0	0.0034	0.1417
1118	9.67	9.76	6.2636	0	0.0003	6.2639	0.1325	0	-0.0006	0.1319
1119	10	9.82	6.2636	0	0.0001	6.2637	0.1332	0	-0.0027	0.1304
1120	10.5	9.87	6.2637	0	-0.0001	6.2636	0.1265	0	-0.0025	0.1241
1121	10.4	9.91	6.2634	0	0	6.2634	0.1133	0	0.0008	0.1141
1122	9.99	9.96	6.2632	0	0.0001	6.2633	0.0953	0	0.0019	0.0972
1123	10.9	10	6.2637	0	0.0002	6.2638	0.0936	0	0.0036	0.0972
1124	10.6	10	6.2644	0	-0.0002	6.2642	0.1112	0	0.0047	0.1159
1125	9.83	10.1	6.2646	0	-0.0005	6.264	0.124	0	0.0044	0.1285
1126	9.55	10.1	6.2646	0	-0.0008	6.2638	0.1143	0	0.0038	0.118
1127	9.64	10.1	6.2647	0	-0.0007	6.264	0.1139	0	0.0035	0.1174
1128	10.1	10	6.2649	0	-0.0005	6.2644	0.1131	0	0.0022	0.1154
1129	10.5	9.95	6.2652	0	-0.0006	6.2646	0.1161	0	0.0029	0.119
1130	10.5	9.86	6.265	0	-0.0006	6.2644	0.117	0	0.0012	0.1182
1131	10.5	9.76	6.2642	0	-0.0004	6.2638	0.1227	0	0.0001	0.1228
1132	10.6	9.68	6.2623	0	-0.0002	6.2621	0.1175	0	0.0024	0.1199
1133	9.28	9.57	6.2609	0	-0.0003	6.2606	0.1102	0	0.0046	0.1148
1134	10.2	9.49	6.2595	0	-0.0003	6.2592	0.1086	0	0.0046	0.1131
1135	9.67	9.48	6.2589	0	-0.0003	6.2586	0.1105	0	0.0039	0.1143
1136	9.16	9.46	6.2592	0	-0.0002	6.259	0.1039	0	0.0046	0.1085
1137	8.78	9.42	6.2599	0	-0.0003	6.2596	0.0938	0	0.0015	0.0953
1138	8.52	9.35	6.2603	0	-0.0005	6.2598	0.0716	0	-0.002	0.0696

1139	8.65	9.25	6.2604	0	-0.0007	6.2597	0.0541	0	-0.0054	0.0487
1140	8.49	9.18	6.2603	0	-0.0009	6.2595	0.0385	0	-0.0054	0.0331
1141	8.45	9.1	6.2599	0	-0.0006	6.2593	0.0313	0	-0.0054	0.0259
1142	8.91	9	6.2594	0	-0.0005	6.2589	0.0222	0	-0.005	0.0172
1143	8.92	9.02	6.2595	0	-0.0005	6.259	0.0114	0	-0.0043	0.0071
1144	9.63	8.98	6.2593	0	-0.0004	6.2589	0.0096	0	-0.0044	0.0052
1145	9.22	8.97	6.2588	0	-0.0005	6.2583	0.0276	0	-0.0041	0.0235
1146	8.84	8.97	6.2585	0	-0.0004	6.258	0.047	0	-0.0006	0.0465
1147	8.83	8.98	6.2584	0	-0.0001	6.2583	0.0496	0	0.0027	0.0523
1148	8.71	9.03	6.2586	0	0	6.2586	0.0578	0	0.0053	0.063
1149	9.09	9.09	6.2587	0	-0.0003	6.2584	0.0553	0	0.0076	0.0629
1150	8.96	9.18	6.2584	0	-0.0003	6.2581	0.0569	0	0.0104	0.0673
1151	8.8	9.27	6.2584	0	-0.0003	6.2581	0.0607	0	0.0096	0.0703
1152	9.53	9.34	6.2589	0	-0.0002	6.2587	0.0614	0	0.0077	0.0691
1153	9.51	9.37	6.2592	0	-0.0002	6.259	0.0636	0	0.0078	0.0714
1154	9.45	9.36	6.2597	0	-0.0003	6.2594	0.0689	0	0.0099	0.0788
1155	9.12	9.38	6.2601	0	-0.0003	6.2597	0.0749	0	0.0132	0.0881
1156	9.04	9.43	6.2605	0	-0.0003	6.2602	0.0791	0	0.0115	0.0905
1157	9.48	9.49	6.2611	0	-0.0003	6.2608	0.0762	0	0.0125	0.0886
1158	9.76	9.53	6.2616	0	-0.0002	6.2615	0.0699	0	0.0124	0.0822
1159	10.2	9.57	6.2619	0	0	6.2619	0.0677	0	0.0127	0.0804
1160	10.2	9.6	6.2618	0	0.0001	6.2619	0.0628	0	0.0124	0.0751
1161	10.1	9.62	6.262	0	0.0002	6.2623	0.0531	0	0.012	0.0651
1162	9.61	9.62	6.2623	0	0.0002	6.2625	0.047	0	0.0136	0.0606
1163	9.45	9.64	6.2622	0	0.0001	6.2623	0.0451	0	0.0167	0.0618
1164	9.58	9.67	6.2621	0	0.0001	6.2622	0.0435	0	0.0146	0.0581
1165	9.69	9.69	6.262	0	-0.0001	6.2619	0.0435	0	0.0122	0.0557
1166	9.9	9.73	6.2619	0	-0.0003	6.2616	0.0487	0	0.0135	0.0623
1167	9.64	9.76	6.2624	0	-0.0001	6.2623	0.0441	0	0.0135	0.0576
1168	9.69	9.77	6.2623	0	0.0001	6.2624	0.0338	0	0.0113	0.045
1169	9.54	9.73	6.2626	0	0.0002	6.2628	0.0308	0	0.0098	0.0406
1170	9.3	9.69	6.2635	0	0.0001	6.2636	0.0331	0	0.0073	0.0404
1171	9.55	9.68	6.2649	0	0.0002	6.2651	0.0376	0	0.0047	0.0424
1172	9.89	9.7	6.2651	0	0.0004	6.2655	0.0354	0	0.0036	0.0389
1173	9.87	9.71	6.2632	0	0.0004	6.2636	0.0312	0	0.0043	0.0355
1174	9.64	9.72	6.2612	0	0.0004	6.2616	0.0373	0	0.0054	0.0427
1175	9.71	9.72	6.2617	0	0.0004	6.2621	0.0479	0	0.0015	0.0494

1176	10	9.7	6.2616	0	0.0003	6.2619	0.0511	0	-0.0034	0.0477
1177	10	9.69	6.2617	0	0.0004	6.2621	0.0519	0	-0.0084	0.0435
1178	9.29	9.67	6.2613	0	0.0004	6.2617	0.0549	0	-0.0106	0.0443
1179	9.54	9.64	6.2604	0	0.0005	6.2609	0.0624	0	-0.0119	0.0505
1180	10	9.65	6.2601	0	0.0003	6.2604	0.0733	0	-0.0106	0.0627
1181	9.92	9.68	6.26	0	0.0001	6.26	0.0777	0	-0.0075	0.0702
1182	9.72	9.69	6.2596	0	0	6.2596	0.0751	0	-0.0031	0.072
1183	9.81	9.69	6.2591	0	0.0002	6.2592	0.0615	0	-0.0002	0.0613
1184	9.52	9.7	6.2584	0	0.0003	6.2587	0.0542	0	-0.0002	0.054
1185	9.54	9.71	6.2586	0	0.0001	6.2587	0.0463	0	-0.0012	0.0451
1186	9.46	9.71	6.259	0	0.0003	6.2593	0.0501	0	-0.0015	0.0486
1187	9.34	9.71	6.2601	0	0.0004	6.2605	0.0633	0	-0.0009	0.0625
1188	8.99	9.75	6.2611	0	0.0005	6.2617	0.0766	0	-0.0025	0.0741
1189	9.5	9.78	6.2618	0	0.0005	6.2624	0.0871	0	-0.0051	0.082
1190	10.1	9.77	6.2623	0	0.0004	6.2627	0.0952	0	-0.0056	0.0896
1191	10.1	9.75	6.2627	0	0.0002	6.2629	0.0964	0	-0.0066	0.0897
1192	9.77	9.74	6.2631	0	0	6.2631	0.0927	0	-0.0048	0.0878
1193	9.95	9.72	6.2628	0	0.0002	6.263	0.0851	0	-0.004	0.0811
1194	9.85	9.73	6.2611	0	0.0004	6.2615	0.0829	0	-0.004	0.0789
1195	10.1	9.74	6.2596	0	0.0002	6.2598	0.0804	0	-0.0033	0.0771
1196	10	9.76	6.2595	0	0	6.2595	0.0759	0	-0.0042	0.0717
1197	9.99	9.77	6.2594	0	-0.0002	6.2592	0.074	0	-0.0028	0.0712
1198	10.1	9.81	6.2599	0	-0.0006	6.2593	0.0745	0	0.0006	0.0751
1199	9.86	9.84	6.2598	0	-0.0009	6.2589	0.0699	0	0.0002	0.0701
1200	9.51	9.82	6.2595	0	-0.0009	6.2586	0.0723	0	-0.0011	0.0712
1201	9.44	9.77	6.2596	0	-0.0009	6.2586	0.069	0	-0.0019	0.0671
1202	9.56	9.72	6.2597	0	-0.001	6.2587	0.0676	0	-0.0027	0.065
1203	9.57	9.66	6.2595	0	-0.001	6.2585	0.0738	0	-0.0016	0.0722
1204	9.83	9.65	6.259	0	-0.0011	6.2579	0.0753	0	-0.001	0.0743
1205	9.9	9.61	6.2586	0	-0.0008	6.2577	0.0749	0	-0.0026	0.0723
1206	9.55	9.58	6.2585	0	-0.0009	6.2576	0.077	0	-0.0037	0.0733
1207	9.72	9.52	6.2589	0	-0.0009	6.258	0.0817	0	-0.0038	0.0779
1208	10.1	9.43	6.2592	0	-0.0009	6.2583	0.0781	0	-0.0018	0.0763
1209	9.77	9.36	6.2597	0	-0.0009	6.2588	0.0726	0	-0.0007	0.0718
1210	9.09	9.32	6.2607	0	-0.0009	6.2598	0.0653	0	0.0031	0.0684
1211	8.84	9.28	6.2612	0	-0.0009	6.2603	0.0611	0	0.0043	0.0654
1212	8.86	9.23	6.2613	0	-0.0011	6.2602	0.0739	0	0.0055	0.0794

1213	9.63	9.15	6.2616	0	-0.001	6.2606	0.0926	0	0.0054	0.0981
1214	9.29	9.07	6.2618	0	-0.001	6.2608	0.0993	0	0.0074	0.1068
1215	9.49	8.98	6.2615	0	-0.0009	6.2607	0.1034	0	0.0113	0.1147
1216	8.88	8.92	6.2612	0	-0.0007	6.2605	0.0989	0	0.0077	0.1065
1217	8.36	8.87	6.2609	0	-0.0006	6.2602	0.0944	0	0.0037	0.098
1218	8.51	8.8	6.2605	0	-0.0007	6.2598	0.0981	0	0.0062	0.1042
1219	8.76	8.73	6.2603	0	-0.0007	6.2596	0.1	0	0.0073	0.1072
1220	8.73	8.72	6.2599	0	-0.0006	6.2593	0.1038	0	0.0072	0.1111
1221	8.44	8.72	6.2599	0	-0.0004	6.2595	0.1095	0	0.0055	0.115
1222	8.14	8.71	6.2601	0	-0.0003	6.2598	0.1205	0	0.0078	0.1283
1223	8.25	8.66	6.2599	0	-0.0004	6.2596	0.124	0	0.012	0.136
1224	8.27	8.64	6.2596	0	-0.0003	6.2592	0.1094	0	0.0164	0.1258
1225	8.45	8.63	6.2595	0	-0.0002	6.2593	0.0931	0	0.0182	0.1113
1226	8.73	8.68	6.2594	0	0	6.2594	0.1049	0	0.0197	0.1246
1227	8.7	8.78	6.2592	0	0.0004	6.2595	0.1131	0	0.0164	0.1295
1228	8.45	8.84	6.2587	0	0.0007	6.2593	0.1095	0	0.0139	0.1234
1229	8.9	8.88	6.2579	0	0.0005	6.2584	0.0948	0	0.0124	0.1071
1230	8.91	8.92	6.2572	0	0.0002	6.2574	0.0778	0	0.0138	0.0916
1231	8.66	8.99	6.2567	0	-0.0001	6.2566	0.0711	0	0.0145	0.0856
1232	8.67	9.08	6.2562	0	-0.0002	6.256	0.0682	0	0.0132	0.0815
1233	8.9	9.16	6.2555	0	-0.0003	6.2552	0.064	0	0.0117	0.0757
1234	9.22	9.26	6.2548	0	-0.0002	6.2547	0.0576	0	0.0134	0.071
1235	9.93	9.35	6.2539	0	-0.0001	6.2538	0.0494	0	0.0128	0.0622
1236	10.2	9.4	6.2529	0	-0.0002	6.2527	0.0519	0	0.0103	0.0622
1237	9.65	9.46	6.2522	0	-0.0001	6.2521	0.0611	0	0.0119	0.0731
1238	9.67	9.54	6.2516	0	0	6.2516	0.0755	0	0.0128	0.0884
1239	9.41	9.6	6.2509	0	-0.0001	6.2508	0.0834	0	0.0145	0.0978
1240	9.77	9.67	6.2507	0	-0.0002	6.2505	0.0846	0	0.0141	0.0987
1241	9.82	9.75	6.2506	0	-0.0001	6.2505	0.0843	0	0.0118	0.0961
1242	9.86	9.82	6.2509	0	-0.0001	6.2508	0.0848	0	0.0087	0.0935
1243	10.2	9.89	6.2512	0	-0.0001	6.2511	0.085	0	0.0046	0.0895
1244	10.1	9.95	6.2512	0	-0.0001	6.2511	0.0765	0	0.0049	0.0813
1245	9.73	9.96	6.2512	0	-0.0001	6.2511	0.0516	0	0.0088	0.0604
1246	9.76	9.97	6.2511	0	-0.0001	6.2509	0.035	0	0.0086	0.0436
1247	10.1	9.98	6.251	0	-0.0002	6.2508	0.0439	0	0.0073	0.0512
1248	9.96	10	6.2516	0	0	6.2516	0.0522	0	0.0051	0.0573
1249	10.1	10	6.2515	0	-0.0002	6.2513	0.0567	0	0.0021	0.0588

1250	10.3	9.98	6.2515	0	-0.0001	6.2514	0.0538	0	0.0016	0.0554
1251	9.99	9.96	6.2516	0	0	6.2516	0.0563	0	0.002	0.0583
1252	10.3	9.94	6.2515	0	-0.0001	6.2515	0.0665	0	0.0008	0.0673
1253	10.3	9.9	6.2517	0	-0.0001	6.2516	0.0743	0	0	0.0743
1254	10.1	9.85	6.2522	0	-0.0001	6.2521	0.0756	0	-0.0014	0.0742
1255	10.4	9.83	6.2524	0	0	6.2524	0.0685	0	-0.004	0.0645
1256	9.9	9.83	6.2523	0	0.0001	6.2524	0.0586	0	-0.0029	0.0558
1257	9.89	9.81	6.2533	0	-0.0001	6.2532	0.0525	0	-0.0047	0.0477
1258	9.58	9.77	6.2544	0	-0.0001	6.2543	0.0554	0	-0.0054	0.0501
1259	9.2	9.72	6.2554	0	-0.0003	6.2551	0.058	0	-0.0049	0.0531
1260	9.49	9.65	6.2557	0	-0.0003	6.2554	0.0632	0	-0.004	0.0592
1261	9.6	9.59	6.2546	0	-0.0003	6.2543	0.0729	0	-0.0048	0.0681
1262	9.3	9.52	6.253	0	-0.0004	6.2527	0.0753	0	-0.0046	0.0707
1263	9.17	9.48	6.2523	0	-0.0006	6.2517	0.0722	0	-0.0054	0.0669
1264	9.27	9.46	6.2518	0	-0.0011	6.2507	0.0728	0	-0.0036	0.0692
1265	9.92	9.39	6.2521	0	-0.0009	6.2512	0.0703	0	-0.003	0.0673
1266	9.54	9.36	6.2525	0	-0.0007	6.2518	0.0577	0	-0.0016	0.0561
1267	9.34	9.31	6.2526	0	-0.0007	6.2519	0.0477	0	-0.0003	0.0474
1268	9.11	9.28	6.2523	0	-0.0006	6.2517	0.0476	0	-0.0025	0.045
1269	8.89	9.3	6.2523	0	-0.0005	6.2517	0.0624	0	-0.0049	0.0575
1270	8.87	9.31	6.2526	0	-0.0005	6.2521	0.0658	0	-0.0031	0.0627
1271	9.12	9.29	6.2528	0	-0.0006	6.2523	0.0588	0	-0.0004	0.0585
1272	9.5	9.27	6.2527	0	-0.0008	6.2519	0.0604	0	0.0026	0.063
1273	9.61	9.26	6.2522	0	-0.0012	6.251	0.0615	0	0.0043	0.0658
1274	9.07	9.25	6.2519	0	-0.0014	6.2505	0.0519	0	0.0045	0.0564
1275	9.36	9.23	6.2512	0	-0.0016	6.2496	0.0394	0	0.0053	0.0447
1276	8.94	9.23	6.2503	0	-0.0013	6.249	0.0363	0	0.0051	0.0414
1277	9	9.23	6.2507	0	-0.001	6.2497	0.0313	0	0.0074	0.0387
1278	9.61	9.24	6.2518	0	-0.0008	6.251	0.0295	0	0.0116	0.0411
1279	9.62	9.26	6.2526	0	-0.0009	6.2517	0.0294	0	0.0145	0.0439
1280	9.27	9.29	6.253	0	-0.0011	6.2519	0.0318	0	0.0114	0.0432
1281	9.01	9.31	6.2531	0	-0.0013	6.2519	0.0391	0	0.0089	0.048
1282	8.83	9.3	6.2532	0	-0.0012	6.252	0.0409	0	0.0085	0.0495
1283	9.14	9.28	6.2533	0	-0.0012	6.2521	0.0331	0	0.0095	0.0426
1284	9.57	9.32	6.2535	0	-0.001	6.2525	0.0243	0	0.0087	0.033
1285	9.51	9.32	6.2534	0	-0.0009	6.2525	0.0211	0	0.0071	0.0282
1286	9.41	9.32	6.2529	0	-0.0009	6.252	0.0224	0	0.0056	0.028

1287	9.25	9.3	6.2525	0	-0.0009	6.2516	0.027	0	0.0062	0.0332
1288	9.23	9.26	6.2528	0	-0.0009	6.2519	0.0288	0	0.0087	0.0375
1289	9.44	9.2	6.2534	0	-0.0009	6.2525	0.0252	0	0.0086	0.0339
1290	9.56	9.18	6.2539	0	-0.0008	6.2531	0.0183	0	0.0069	0.0252
1291	9.31	9.19	6.2542	0	-0.0007	6.2535	0.0226	0	0.006	0.0286
1292	9.23	9.18	6.2546	0	-0.0004	6.2541	0.0348	0	0.0061	0.041
1293	9.82	9.17	6.2551	0	-0.0003	6.2548	0.0479	0	0.0038	0.0517
1294	9.41	9.15	6.256	0	-0.0005	6.2555	0.0603	0	0.003	0.0633
1295	8.86	9.12	6.2561	0	-0.0007	6.2555	0.068	0	0.003	0.071
1296	8.72	9.08	6.2551	0	-0.0007	6.2544	0.0747	0	0.0047	0.0794
1297	8.7	9.05	6.2542	0	-0.0007	6.2535	0.0716	0	0.0046	0.0762
1298	8.59	9.03	6.2543	0	-0.0008	6.2534	0.0673	0	0.0051	0.0724
1299	8.76	9	6.2544	0	-0.001	6.2534	0.0658	0	0.0078	0.0736
1300	9.28	8.98	6.2539	0	-0.0011	6.2528	0.0548	0	0.0082	0.063
1301	8.6	8.98	6.2529	0	-0.001	6.2519	0.048	0	0.0114	0.0594
1302	9.03	8.99	6.2523	0	-0.001	6.2513	0.0478	0	0.0132	0.0611
1303	9.17	8.97	6.252	0	-0.0009	6.2511	0.0383	0	0.0105	0.0488
1304	8.85	8.97	6.2522	0	-0.0007	6.2515	0.0382	0	0.01	0.0482
1305	8.65	9.02	6.2527	0	-0.0006	6.2522	0.0478	0	0.0095	0.0573
1306	8.8	9.06	6.2533	0	-0.0005	6.2528	0.052	0	0.0088	0.0608
1307	8.74	9.09	6.2534	0	-0.0004	6.253	0.0519	0	0.0088	0.0608
1308	8.96	9.17	6.2534	0	-0.0004	6.253	0.0653	0	0.0075	0.0728
1309	9.13	9.23	6.2534	0	-0.0005	6.2529	0.0815	0	0.008	0.0895
1310	9.36	9.25	6.2534	0	-0.0004	6.253	0.0932	0	0.0062	0.0993
1311	9.47	9.33	6.2537	0	-0.0005	6.2532	0.0992	0	0.0064	0.1056
1312	9.35	9.39	6.2541	0	-0.0006	6.2535	0.0956	0	0.006	0.1016
1313	9.48	9.42	6.2543	0	-0.0006	6.2537	0.0892	0	0.0035	0.0927
1314	9.69	9.48	6.2547	0	-0.0007	6.254	0.0904	0	0.0014	0.0918
1315	9.48	9.53	6.2558	0	-0.0007	6.2551	0.0917	0	-0.002	0.0898
1316	9.26	9.58	6.2565	0	-0.0007	6.2558	0.096	0	0.0001	0.0961
1317	10.2	9.65	6.2561	0	-0.0004	6.2557	0.096	0	0.0014	0.0975
1318	9.86	9.72	6.2543	0	-0.0002	6.2541	0.0978	0	0.001	0.0988
1319	9.75	9.74	6.2537	0	-0.0004	6.2533	0.105	0	0.0013	0.1062
1320	10.1	9.74	6.254	0	-0.0005	6.2535	0.116	0	0.0008	0.1168
1321	10	9.74	6.2539	0	-0.0007	6.2532	0.1319	0	0.0021	0.134
1322	9.89	9.75	6.2539	0	-0.0007	6.2532	0.1382	0	0.0021	0.1403
1323	9.88	9.74	6.2548	0	-0.0008	6.2539	0.1348	0	-0.0005	0.1343

1324	9.55	9.72	6.2556	0	-0.0009	6.2548	0.1216	0	-0.0037	0.1179
1325	9.78	9.75	6.2558	0	-0.0007	6.2551	0.1151	0	-0.0058	0.1093
1326	10	9.76	6.2563	0	-0.0007	6.2556	0.1074	0	-0.009	0.0984
1327	10.4	9.71	6.2562	0	-0.0008	6.2554	0.0961	0	-0.0081	0.0881
1328	9.58	9.71	6.2558	0	-0.0008	6.255	0.0992	0	-0.0059	0.0932
1329	9.32	9.71	6.2547	0	-0.0007	6.2541	0.1142	0	-0.0039	0.1103
1330	9.49	9.69	6.2533	0	-0.0007	6.2526	0.1168	0	-0.0019	0.1149
1331	9.49	9.67	6.2526	0	-0.0009	6.2516	0.1015	0	-0.0024	0.0992
1332	9.27	9.68	6.2529	0	-0.0011	6.2518	0.1015	0	-0.0037	0.0978
1333	9.4	9.69	6.253	0	-0.0011	6.2519	0.1138	0	-0.0037	0.1101
1334	9.97	9.72	6.2527	0	-0.0009	6.2518	0.1241	0	-0.0033	0.1208
1335	9.38	9.74	6.2517	0	-0.0007	6.251	0.1273	0	-0.0006	0.1268
1336	9.36	9.73	6.2502	0	-0.0008	6.2494	0.1218	0	0.0004	0.1222
1337	9.78	9.71	6.2493	0	-0.0009	6.2484	0.1084	0	0.001	0.1094
1338	9.86	9.72	6.2491	0	-0.0009	6.2482	0.0993	0	0.003	0.1023
1339	9.63	9.74	6.2491	0	-0.0008	6.2483	0.1051	0	0.003	0.1081
1340	9.69	9.74	6.2484	0	-0.0008	6.2476	0.1181	0	0.0025	0.1206
1341	10.1	9.75	6.2471	0	-0.0007	6.2464	0.1254	0	0.0039	0.1292
1342	10	9.81	6.2461	0	-0.0005	6.2456	0.1264	0	0.0046	0.131
1343	10.3	9.86	6.2452	0	-0.0004	6.2448	0.1285	0	0.0067	0.1353
1344	10.1	9.85	6.2444	0	-0.0004	6.244	0.1332	0	0.0091	0.1423
1345	9.96	9.89	6.2437	0	-0.0006	6.2432	0.1364	0	0.01	0.1463
1346	9.86	9.92	6.2439	0	-0.0006	6.2433	0.1371	0	0.0083	0.1454
1347	9.78	9.92	6.2443	0	-0.0007	6.2436	0.1346	0	0.0071	0.1417
1348	9.68	9.94	6.245	0	-0.0008	6.2442	0.1324	0	0.0058	0.1383
1349	9.52	9.97	6.246	0	-0.001	6.245	0.1381	0	0.0032	0.1413
1350	9.66	9.98	6.2467	0	-0.0013	6.2454	0.1406	0	0.002	0.1427
1351	10.4	9.95	6.2469	0	-0.0014	6.2455	0.1328	0	0.0016	0.1344
1352	10.4	9.93	6.2477	0	-0.0011	6.2466	0.119	0	0.0019	0.1209
1353	9.85	9.89	6.2479	0	-0.0011	6.2468	0.1061	0	0.0017	0.1079
1354	10.1	9.9	6.2474	0	-0.001	6.2464	0.0964	0	0.0021	0.0985
1355	9.93	9.91	6.2472	0	-0.0009	6.2463	0.0966	0	0.003	0.0996
1356	9.79	9.92	6.2471	0	-0.0008	6.2463	0.1031	0	0.0044	0.1075
1357	10.1	9.93	6.2467	0	-0.0008	6.2459	0.1068	0	0.007	0.1138
1358	10.3	9.95	6.2462	0	-0.0009	6.2453	0.0961	0	0.0095	0.1056
1359	9.88	9.99	6.2461	0	-0.0009	6.2451	0.0908	0	0.0093	0.1001
1360	9.51	10	6.2458	0	-0.001	6.2448	0.0842	0	0.0085	0.0927

1361	9.55	10	6.2451	0	-0.0009	6.2442	0.0784	0	0.0098	0.0882
1362	9.65	9.99	6.2441	0	-0.0007	6.2434	0.0835	0	0.0093	0.0927
1363	10.1	10	6.2433	0	-0.0008	6.2425	0.0929	0	0.0084	0.1013
1364	10.3	10	6.2426	0	-0.0009	6.2417	0.095	0	0.0075	0.1025
1365	9.93	10	6.2425	0	-0.0009	6.2416	0.0985	0	0.0079	0.1064
1366	9.94	10	6.2429	0	-0.0009	6.242	0.1062	0	0.0088	0.115
1367	10.2	10	6.2428	0	-0.0008	6.242	0.1031	0	0.0094	0.1125
1368	10.3	10	6.2418	0	-0.0008	6.2411	0.0891	0	0.0115	0.1006
1369	10.3	10	6.2407	0	-0.0006	6.24	0.0651	0	0.0125	0.0776
1370	10.4	10.1	6.2394	0	-0.0007	6.2387	0.0564	0	0.0097	0.0661
1371	9.76	10.1	6.239	0	-0.0008	6.2382	0.0559	0	0.0064	0.0623
1372	10.2	10.1	6.2392	0	-0.0008	6.2384	0.0542	0	0.0043	0.0585
1373	10.1	10.1	6.2401	0	-0.0009	6.2392	0.0585	0	0.0026	0.0611
1374	10.4	10	6.2404	0	-0.0008	6.2396	0.0726	0	0.0017	0.0743
1375	10.1	10	6.2405	0	-0.0007	6.2398	0.0831	0	0.0013	0.0844
1376	9.78	10	6.2407	0	-0.0005	6.2402	0.089	0	0.003	0.092
1377	9.87	9.96	6.2408	0	-0.0004	6.2404	0.0972	0	0.003	0.1002
1378	9.9	9.92	6.2404	0	-0.0004	6.2399	0.097	0	0.0018	0.0988
1379	10.4	9.9	6.2409	0	-0.0007	6.2402	0.0893	0	0.001	0.0903
1380	10.3	9.89	6.2428	0	-0.0009	6.2419	0.0753	0	0.0022	0.0775
1381	9.82	9.89	6.243	0	-0.0009	6.2421	0.0607	0	0.0019	0.0627
1382	9.47	9.87	6.2418	0	-0.0008	6.241	0.0528	0	-0.0011	0.0517
1383	9.76	9.86	6.2409	0	-0.0009	6.24	0.0516	0	-0.0033	0.0483
1384	9.64	9.82	6.2408	0	-0.001	6.2398	0.0508	0	-0.004	0.0468
1385	9.35	9.79	6.2412	0	-0.001	6.2403	0.0459	0	-0.0024	0.0435
1386	9.42	9.81	6.242	0	-0.001	6.241	0.0338	0	-0.0019	0.0319
1387	9.59	9.83	6.2426	0	-0.0012	6.2414	0.0197	0	-0.0038	0.0158
1388	9.9	9.82	6.2423	0	-0.0012	6.2411	0.015	0	-0.0051	0.0099
1389	10.1	9.77	6.2416	0	-0.0011	6.2404	0.0207	0	-0.0025	0.0182
1390	9.83	9.71	6.2413	0	-0.0012	6.2402	0.0288	0	0.0017	0.0305
1391	9.86	9.68	6.2416	0	-0.0011	6.2404	0.0203	0	0.0028	0.023
1392	9.87	9.68	6.2417	0	-0.0011	6.2406	-0.0051	0	0.0024	-0.0027
1393	9.59	9.68	6.2418	0	-0.0012	6.2406	-0.0236	0	0.0036	-0.02
1394	9.51	9.67	6.2423	0	-0.0015	6.2408	-0.0371	0	0.0031	-0.034
1395	10.2	9.69	6.2424	0	-0.0015	6.2409	-0.0469	0	0.0026	-0.0443
1396	10.3	9.68	6.2417	0	-0.0014	6.2402	-0.0549	0	0.0025	-0.0524
1397	9.67	9.67	6.241	0	-0.0013	6.2396	-0.0545	0	0.0028	-0.0517

1398	9.45	9.65	6.2405	0	-0.0012	6.2393	-0.0583	0	-0.0006	-0.0589
1399	9.21	9.62	6.2404	0	-0.0012	6.2391	-0.0553	0	-0.0038	-0.0591
1400	9.25	9.61	6.2406	0	-0.0013	6.2393	-0.0338	0	-0.0054	-0.0392
1401	9.54	9.58	6.241	0	-0.0012	6.2398	-0.0178	0	-0.0048	-0.0225
1402	9.63	9.53	6.2416	0	-0.0012	6.2405	-0.0205	0	-0.0034	-0.0238
1403	9.53	9.5	6.2423	0	-0.0011	6.2413	-0.0184	0	-0.0005	-0.0188
1404	9.73	9.52	6.2425	0	-0.001	6.2415	-0.0171	0	-0.0017	-0.0189
1405	9.25	9.46	6.2424	0	-0.001	6.2414	-0.0198	0	-0.0017	-0.0215
1406	9.29	9.42	6.2426	0	-0.0012	6.2414	-0.0228	0	0.0012	-0.0216
1407	9.5	9.4	6.2438	0	-0.0013	6.2424	-0.0259	0	0	-0.0259
1408	9.63	9.37	6.2443	0	-0.0013	6.243	-0.027	0	-0.0005	-0.0275
1409	9.56	9.36	6.245	0	-0.0013	6.2436	-0.0218	0	0.0005	-0.0212
1410	9.27	9.35	6.2456	0	-0.0014	6.2442	-0.0166	0	0.0014	-0.0152
1411	8.94	9.31	6.2453	0	-0.0014	6.2439	-0.01	0	0.0011	-0.0088
1412	9.09	9.28	6.2448	0	-0.0014	6.2434	-0.0082	0	0.002	-0.0062
1413	9.82	9.22	6.2448	0	-0.0014	6.2434	-0.0098	0	0.0032	-0.0065
1414	9.08	9.16	6.2449	0	-0.0015	6.2434	-0.0083	0	0.0012	-0.0072
1415	9.46	9.17	6.2451	0	-0.0016	6.2436	-0.0154	0	0.0003	-0.0152
1416	9.37	9.16	6.2461	0	-0.0016	6.2445	-0.0197	0	0	-0.0197
1417	8.91	9.13	6.2472	0	-0.0015	6.2457	-0.0092	0	0.0013	-0.0078
1418	8.92	9.1	6.2478	0	-0.0015	6.2463	-0.0125	0	0.0034	-0.0091
1419	9.09	9.08	6.2481	0	-0.0013	6.2467	-0.0199	0	0.0033	-0.0165
1420	8.8	9.06	6.2484	0	-0.0012	6.2472	-0.0259	0	0.0038	-0.0221
1421	9.02	9.08	6.2484	0	-0.0011	6.2474	-0.0382	0	0.0026	-0.0356
1422	8.5	9.1	6.2481	0	-0.001	6.2471	-0.0464	0	0.0016	-0.0448
1423	8.59	9.09	6.2475	0	-0.001	6.2465	-0.0495	0	0.003	-0.0465
1424	9.32	9.11	6.2473	0	-0.001	6.2463	-0.0463	0	0.0023	-0.044
1425	9.16	9.11	6.2469	0	-0.001	6.2459	-0.0449	0	0.0026	-0.0423
1426	8.99	9.12	6.2466	0	-0.001	6.2456	-0.061	0	0.0024	-0.0586
1427	9.1	9.16	6.2465	0	-0.001	6.2455	-0.0635	0	0.0038	-0.0598
1428	9.02	9.2	6.2468	0	-0.0009	6.2459	-0.0604	0	0.0056	-0.0548
1429	8.88	9.25	6.2472	0	-0.0009	6.2463	-0.0656	0	0.0055	-0.0601
1430	9.42	9.33	6.2472	0	-0.0009	6.2463	-0.0549	0	0.0029	-0.052
1431	9.42	9.39	6.2473	0	-0.0008	6.2465	-0.0208	0	0.0018	-0.019
1432	9.59	9.45	6.2477	0	-0.0008	6.2469	-0.015	0	0.0052	-0.0098
1433	9.48	9.5	6.248	0	-0.0007	6.2472	-0.0237	0	0.0096	-0.0142
1434	9.46	9.51	6.2481	0	-0.0007	6.2475	-0.0298	0	0.0102	-0.0196

1435	9.56	9.53	6.2483	0	-0.0005	6.2478	-0.0226	0	0.0116	-0.011
1436	9.62	9.57	6.2482	0	-0.0004	6.2478	-0.0115	0	0.013	0.0016
1437	9.82	9.63	6.2478	0	-0.0004	6.2474	0.0131	0	0.0074	0.0205
1438	10.1	9.65	6.247	0	-0.0006	6.2464	0.0304	0	-0.0055	0.0249
1439	10.2	9.73	6.2462	0	-0.001	6.2452	0.018	0	-0.0146	0.0035
1440	10.2	9.76	6.2464	0	-0.0011	6.2453	-0.0038	0	-0.0148	-0.0186
1441	9.7	9.8	6.2476	0	-0.001	6.2467	-0.0213	0	-0.0137	-0.035
1442	9.51	9.81	6.2485	0	-0.0008	6.2476	-0.0308	0	-0.0143	-0.0452
1443	9.51	9.84	6.2489	0	-0.0007	6.2482	-0.0421	0	-0.0148	-0.0569
1444	9.54	9.88	6.2491	0	-0.0007	6.2485	-0.0587	0	-0.0163	-0.075
1445	9.79	9.9	6.2492	0	-0.0008	6.2484	-0.0643	0	-0.019	-0.0833
1446	10.1	9.92	6.2494	0	-0.0009	6.2485	-0.0661	0	-0.0185	-0.0846
1447	9.53	9.92	6.2501	0	-0.0006	6.2495	-0.0724	0	-0.0179	-0.0904
1448	10.4	9.91	6.2505	0	-0.0004	6.2501	-0.0802	0	-0.0194	-0.0996
1449	10.1	9.92	6.2494	0	-0.0005	6.2489	-0.0886	0	-0.0187	-0.1073
1450	10	9.9	6.2485	0	-0.0008	6.2477	-0.093	0	-0.02	-0.113
1451	9.83	9.89	6.2489	0	-0.001	6.2479	-0.0996	0	-0.019	-0.1186
1452	10.1	9.9	6.2495	0	-0.0011	6.2485	-0.0965	0	-0.018	-0.1145
1453	10.2	9.91	6.2496	0	-0.0009	6.2487	-0.0852	0	-0.0172	-0.1024
1454	9.9	9.91	6.2494	0	-0.0008	6.2486	-0.0705	0	-0.0154	-0.0859
1455	10	9.9	6.2494	0	-0.001	6.2485	-0.0637	0	-0.0146	-0.0782
1456	9.85	9.88	6.2497	0	-0.0008	6.2489	-0.0661	0	-0.0167	-0.0828
1457	9.79	9.88	6.2494	0	-0.0008	6.2486	-0.065	0	-0.0217	-0.0868
1458	10.5	9.84	6.2484	0	-0.001	6.2475	-0.0475	0	-0.0235	-0.071
1459	9.83	9.82	6.2477	0	-0.0011	6.2466	-0.0401	0	-0.0226	-0.0627
1460	9.47	9.8	6.2468	0	-0.0011	6.2457	-0.0398	0	-0.0232	-0.063
1461	9.7	9.78	6.2459	0	-0.0011	6.2448	-0.0432	0	-0.024	-0.0672
1462	9.75	9.77	6.2451	0	-0.001	6.244	-0.0481	0	-0.0245	-0.0726
1463	9.45	9.78	6.2441	0	-0.0009	6.2432	-0.0488	0	-0.0243	-0.0731
1464	9.61	9.79	6.2441	0	-0.0009	6.2432	-0.0417	0	-0.0227	-0.0644
1465	9.74	9.77	6.2445	0	-0.0009	6.2436	-0.0375	0	-0.0229	-0.0603
1466	9.54	9.75	6.2438	0	-0.001	6.2428	-0.0362	0	-0.0237	-0.0599
1467	9.56	9.77	6.2441	0	-0.0011	6.2429	-0.0199	0	-0.023	-0.0429
1468	9.68	9.76	6.2438	0	-0.0011	6.2427	-0.0073	0	-0.0224	-0.0297
1469	9.64	9.76	6.2433	0	-0.001	6.2423	0.0003	0	-0.023	-0.0227
1470	9.5	9.78	6.2432	0	-0.001	6.2422	0.0112	0	-0.0236	-0.0124
1471	9.82	9.79	6.2437	0	-0.001	6.2427	0.0252	0	-0.0223	0.0029

1472	10.5	9.83	6.2442	0	-0.0011	6.2431	0.0343	0	-0.0198	0.0145
1473	10.1	9.84	6.2447	0	-0.0011	6.2436	0.0409	0	-0.0175	0.0235
1474	9.66	9.86	6.2449	0	-0.0011	6.2438	0.0529	0	-0.0189	0.034
1475	9.5	9.88	6.2466	0	-0.0009	6.2456	0.0593	0	-0.018	0.0413
1476	10	9.9	6.247	0	-0.0009	6.2461	0.058	0	-0.018	0.04
1477	10.2	9.89	6.2469	0	-0.001	6.2459	0.0606	0	-0.0195	0.0411
1478	9.96	9.89	6.2469	0	-0.001	6.2459	0.0679	0	-0.0196	0.0482
1479	9.72	9.92	6.2464	0	-0.001	6.2454	0.0863	0	-0.019	0.0673
1480	9.93	9.93	6.2449	0	-0.0011	6.2438	0.1039	0	-0.019	0.0849
1481	10.6	9.94	6.2445	0	-0.0014	6.2431	0.1125	0	-0.0187	0.0938
1482	9.65	9.9	6.2442	0	-0.0018	6.2424	0.1222	0	-0.0171	0.105
1483	9.93	9.88	6.2439	0	-0.0019	6.242	0.1277	0	-0.0169	0.1108
1484	10.2	9.87	6.243	0	-0.0021	6.2409	0.1192	0	-0.0145	0.1047
1485	9.9	9.85	6.2424	0	-0.0023	6.2401	0.1057	0	-0.0135	0.0922
1486	9.46	9.8	6.2407	0	-0.0017	6.239	0.1005	0	-0.0129	0.0876
1487	9.65	9.77	6.2396	0	-0.0007	6.2389	0.091	0	-0.0114	0.0796
1488	10.1	9.73	6.2405	0	0.0003	6.2407	0.0845	0	-0.0108	0.0736
1489	9.69	9.68	6.2419	0	0.0004	6.2423	0.0803	0	-0.0119	0.0685
1490	10.2	9.62	6.2435	0	0.0002	6.2437	0.0736	0	-0.0147	0.0589
1491	9.73	9.53	6.2447	0	0.0003	6.2449	0.0718	0	-0.0158	0.056
1492	9.69	9.45	6.2459	0	0.0004	6.2463	0.0768	0	-0.0148	0.062
1493	9.49	9.36	6.2477	0	0.0004	6.2481	0.0767	0	-0.0162	0.0605
1494	9.13	9.26	6.2488	0	0.0004	6.2492	0.0671	0	-0.0151	0.052
1495	9.14	9.17	6.249	0	0.0004	6.2494	0.0647	0	-0.0146	0.0501
1496	9.52	9.13	6.2489	0	0.0004	6.2493	0.0637	0	-0.0172	0.0465
1497	9.36	9.1	6.249	0	0.0006	6.2496	0.0719	0	-0.0188	0.0531
1498	8.61	9.04	6.2493	0	0.0007	6.25	0.0958	0	-0.0156	0.0802
1499	8.91	9	6.2497	0	0.0008	6.2504	0.1094	0	-0.0121	0.0973
1500	8.73	8.95	6.2506	0	0.0006	6.2512	0.098	0	-0.0118	0.0862
1501	8.25	8.95	6.2507	0	0.0006	6.2513	0.0869	0	-0.0148	0.0721
1502	8.15	8.95	6.2502	0	0.0005	6.2507	0.0901	0	-0.0172	0.073
1503	8.21	8.96	6.2494	0	0.0005	6.2498	0.0978	0	-0.0189	0.0789
1504	8.3	8.99	6.2489	0	0.0005	6.2493	0.1001	0	-0.0177	0.0824
1505	8.69	9.03	6.249	0	0.0007	6.2497	0.1005	0	-0.016	0.0845
1506	9.14	9.09	6.2491	0	0.001	6.2501	0.1024	0	-0.016	0.0864
1507	8.85	9.16	6.2485	0	0.001	6.2495	0.1058	0	-0.0121	0.0937
1508	8.95	9.3	6.2483	0	0.0009	6.2493	0.1071	0	-0.0093	0.0978

1509	9.27	9.42	6.249	0	0.001	6.2499	0.1058	0	-0.0075	0.0983
1510	9.7	9.56	6.2499	0	0.001	6.2509	0.1079	0	-0.0078	0.1002
1511	9.73	9.69	6.2502	0	0.001	6.2512	0.1022	0	-0.0088	0.0934
1512	9.63	9.79	6.2497	0	0.001	6.2507	0.0973	0	-0.0097	0.0876
1513	9.76	9.9	6.249	0	0.0009	6.2498	0.0903	0	-0.0077	0.0826
1514	9.8	10	6.2486	0	0.0008	6.2494	0.0777	0	-0.0041	0.0736
1515	10.6	10.1	6.2488	0	0.0008	6.2495	0.0721	0	-0.0019	0.0702
1516	10.7	10.2	6.2481	0	0.0007	6.2488	0.0661	0	0.0005	0.0666
1517	11.2	10.3	6.2479	0	0.0007	6.2486	0.0479	0	0.0008	0.0486
1518	11.3	10.4	6.2478	0	0.0008	6.2486	0.0495	0	-0.0035	0.046
1519	11.3	10.4	6.2469	0	0.001	6.248	0.0399	0	-0.0081	0.0318
1520	10.7	10.5	6.2459	0	0.0011	6.247	0.0328	0	-0.0073	0.0256
1521	10.1	10.5	6.245	0	0.0009	6.2459	0.0266	0	-0.006	0.0206
1522	10.3	10.6	6.244	0	0.0007	6.2447	0.0235	0	-0.0056	0.0179
1523	10.8	10.6	6.2422	0	0.0009	6.2431	0.0217	0	-0.0074	0.0144
1524	10.5	10.7	6.2414	0	0.0008	6.2422	0.0197	0	-0.0085	0.0112
1525	11.1	10.7	6.2411	0	0.0008	6.2419	0.0114	0	-0.0097	0.0017
1526	10.7	10.7	6.2405	0	0.001	6.2414	0.0254	0	-0.0063	0.0191
1527	10.3	10.6	6.2397	0	0.001	6.2407	0.026	0	-0.0051	0.0209
1528	10.1	10.6	6.2382	0	0.001	6.2392	0.0213	0	-0.0079	0.0133
1529	10.2	10.5	6.2368	0	0.001	6.2378	0.0241	0	-0.0097	0.0144
1530	10.5	10.5	6.236	0	0.001	6.2369	0.018	0	-0.0106	0.0075
1531	10.8	10.5	6.2351	0	0.0009	6.236	-0.0069	0	-0.0113	-0.0182
1532	10.2	10.4	6.235	0	0.0009	6.2359	-0.0202	0	-0.0145	-0.0348
1533	10.9	10.4	6.236	0	0.0007	6.2367	-0.0217	0	-0.0184	-0.0401
1534	10.8	10.4	6.2376	0	0.0007	6.2383	-0.0273	0	-0.0178	-0.0451
1535	10.6	10.3	6.2382	0	0.0008	6.239	-0.0282	0	-0.0201	-0.0483
1536	10.1	10.3	6.2391	0	0.0007	6.2399	-0.018	0	-0.0207	-0.0387
1537	10.4	10.3	6.2394	0	0.0006	6.24	-0.0296	0	-0.0162	-0.0458
1538	10.5	10.3	6.239	0	0.0006	6.2396	-0.0361	0	-0.0055	-0.0416
1539	10	10.3	6.2388	0	0.0005	6.2393	-0.0253	0	0.003	-0.0223
1540	10	10.3	6.2392	0	0.0005	6.2397	-0.0126	0	0.0046	-0.0079
1541	9.46	10.2	6.24	0	0.0005	6.2405	0.0019	0	0.0049	0.0068
1542	10.2	10.2	6.2408	0	0.0008	6.2416	0.0156	0	0.0072	0.0228
1543	10.1	10.2	6.2422	0	0.0008	6.243	0.0272	0	0.0082	0.0354
1544	10	10.1	6.2427	0	0.0008	6.2435	0.0408	0	0.0057	0.0465
1545	10	10.1	6.2429	0	0.0009	6.2438	0.0497	0	0.003	0.0527

1546	10.1	10.1	6.2422	0	0.001	6.2432	0.0468	0	0.0017	0.0485
1547	10.3	10	6.2405	0	0.001	6.2415	0.0418	0	0.0003	0.042
1548	10.1	9.98	6.2396	0	0.0008	6.2404	0.0403	0	0.0029	0.0432
1549	10.4	9.98	6.2396	0	0.0007	6.2403	0.0394	0	0.0053	0.0447
1550	10	10	6.2398	0	0.0007	6.2405	0.0384	0	0.0063	0.0447
1551	10	10.1	6.2399	0	0.0007	6.2406	0.046	0	0.004	0.05
1552	10	10.1	6.2398	0	0.0008	6.2406	0.0487	0	0.0037	0.0524
1553	9.7	10.1	6.2396	0	0.0008	6.2404	0.0512	0	0.0047	0.0559
1554	9.69	10.1	6.2394	0	0.0008	6.2401	0.0603	0	0.0042	0.0645
1555	10	10.1	6.2392	0	0.0006	6.2398	0.0623	0	0.0027	0.065
1556	9.98	10.1	6.2391	0	0.0004	6.2395	0.0711	0	0.0057	0.0768
1557	9.56	10.1	6.2387	0	0.0001	6.2389	0.069	0	0.0081	0.0771
1558	9.95	10.1	6.2378	0	-0.0002	6.2376	0.0575	0	0.0072	0.0647
1559	10.5	10.1	6.2369	0	-0.0003	6.2366	0.0499	0	0.0069	0.0568
1560	10.4	10.1	6.2366	0	-0.0002	6.2363	0.0532	0	0.009	0.0623
1561	10.5	10.1	6.2362	0	-0.0001	6.236	0.0629	0	0.0111	0.0741
1562	10.6	10.1	6.2361	0	-0.0003	6.2358	0.0646	0	0.0134	0.0781
1563	10.5	10.1	6.2363	0	-0.0005	6.2358	0.0578	0	0.0139	0.0717
1564	10.2	10.1	6.2369	0	-0.0007	6.2362	0.0519	0	0.0109	0.0627
1565	9.94	10.1	6.2379	0	-0.001	6.2369	0.0526	0	0.0074	0.06
1566	9.94	10	6.239	0	-0.0011	6.2379	0.0584	0	0.0047	0.0631
1567	9.9	10	6.2391	0	-0.0008	6.2383	0.0514	0	0.002	0.0534
1568	9.75	10	6.2398	0	-0.0003	6.2395	0.0521	0	0.0001	0.0523
1569	9.7	9.98	6.24	0	-0.0003	6.2397	0.0615	0	0.004	0.0655
1570	10.2	9.92	6.2405	0	-0.0004	6.2402	0.0608	0	0.0085	0.0693
1571	10.3	9.84	6.2413	0	-0.0004	6.2409	0.0461	0	0.0088	0.0549
1572	9.93	9.75	6.242	0	-0.0004	6.2417	0.0353	0	0.0075	0.0428
1573	9.56	9.67	6.2427	0	-0.0002	6.2425	0.0293	0	0.0065	0.0358
1574	9.46	9.62	6.2437	0	-0.0001	6.2436	0.0213	0	0.0075	0.0288
1575	9.26	9.59	6.244	0	-0.0003	6.2437	0.029	0	0.0063	0.0353
1576	9.87	9.56	6.2444	0	-0.0004	6.2441	0.0403	0	0.0068	0.0471
1577	9.6	9.51	6.2447	0	-0.0002	6.2446	0.0339	0	0.0076	0.0415
1578	9.8	9.49	6.2445	0	0	6.2445	0.0264	0	0.009	0.0354
1579	9.38	9.45	6.2446	0	0.0001	6.2447	0.0157	0	0.009	0.0247
1580	8.97	9.38	6.2456	0	0.0001	6.2457	0.0038	0	0.0099	0.0137
1581	8.98	9.32	6.2465	0	0	6.2465	-0.0022	0	0.0112	0.009
1582	8.92	9.29	6.2464	0	0.0001	6.2464	-0.011	0	0.0103	-0.0006

1583	9.3	9.26	6.2466	0	-0.0001	6.2465	-0.0156	0	0.0093	-0.0063
1584	9.28	9.25	6.2458	0	-0.0001	6.2457	-0.0095	0	0.0062	-0.0033
1585	9.43	9.28	6.2442	0	-0.0002	6.244	0.003	0	0.0046	0.0076
1586	9.04	9.26	6.2437	0	-0.0001	6.2436	0.0088	0	0.0047	0.0135
1587	9.22	9.28	6.2432	0	-0.0001	6.2431	0.019	0	0.0046	0.0236
1588	8.94	9.32	6.243	0	0	6.243	0.0256	0	0.0048	0.0304
1589	8.84	9.36	6.2432	0	-0.0001	6.2431	0.0269	0	0.0066	0.0335
1590	9.22	9.42	6.2433	0	-0.0003	6.243	0.0178	0	0.0088	0.0266
1591	9.39	9.49	6.2431	0	-0.0004	6.2427	0.0123	0	0.0073	0.0196
1592	9.1	9.56	6.2432	0	-0.0004	6.2428	0.0117	0	0.0079	0.0196
1593	9.26	9.62	6.2436	0	-0.0002	6.2434	0.0168	0	0.012	0.0288
1594	9.75	9.68	6.2438	0	0.0001	6.2439	0.0242	0	0.0125	0.0367
1595	9.59	9.69	6.2443	0	0.0002	6.2445	0.0228	0	0.012	0.0348
1596	9.98	9.76	6.2447	0	0.0004	6.2451	0.0215	0	0.0144	0.0359
1597	10.5	9.81	6.2449	0	0.0003	6.2453	0.0124	0	0.018	0.0304
1598	10.2	9.86	6.2454	0	0.0002	6.2456	-0.0062	0	0.0177	0.0115
1599	10	9.94	6.2458	0	0.0002	6.246	-0.0222	0	0.0169	-0.0053
1600	10.2	10	6.246	0	0.0002	6.2462	-0.0248	0	0.017	-0.0079
1601	10.3	10	6.2458	0	0.0002	6.246	-0.0258	0	0.0161	-0.0097
1602	10.5	10.1	6.245	0	0.0001	6.2451	-0.0275	0	0.0144	-0.0131
1603	10.4	10.1	6.2434	0	0	6.2434	-0.0287	0	0.014	-0.0147
1604	9.73	10.2	6.2426	0	0.0002	6.2428	-0.0302	0	0.0134	-0.0167
1605	10.2	10.2	6.2419	0	0.0001	6.242	-0.0325	0	0.013	-0.0195
1606	10.2	10.2	6.2422	0	0.0002	6.2424	-0.0316	0	0.0118	-0.0198
1607	10	10.2	6.2428	0	0.0003	6.2431	-0.0229	0	0.0091	-0.0138
1608	10.3	10.2	6.2433	0	0.0002	6.2436	-0.0104	0	0.0061	-0.0043
1609	10.3	10.2	6.2436	0	0.0001	6.2437	-0.0072	0	0.0021	-0.0051
1610	10.2	10.2	6.2436	0	-0.0001	6.2435	-0.0127	0	0.0021	-0.0106
1611	10.1	10.1	6.2437	0	-0.0003	6.2434	-0.0126	0	0.0018	-0.0107
1612	10.1	10.1	6.2439	0	-0.0004	6.2435	-0.0147	0	0.0018	-0.0128
1613	10	10.1	6.2438	0	-0.0002	6.2436	-0.0169	0	-0.0005	-0.0174
1614	10.2	10.1	6.2434	0	0.0001	6.2434	-0.0173	0	-0.0029	-0.0203
1615	10.5	10.1	6.2429	0	0.0003	6.2432	-0.0145	0	-0.0039	-0.0184
1616	10.5	10	6.243	0	0.0005	6.2435	-0.0057	0	-0.005	-0.0107
1617	9.76	10	6.2427	0	0.0007	6.2434	0.0054	0	-0.0053	0.0001
1618	9.68	10	6.2416	0	0.0004	6.242	0.0051	0	-0.0014	0.0038
1619	10.2	10	6.2409	0	0.0002	6.241	0.0111	0	0.0056	0.0167

1620	9.98	10	6.2413	0	0.0002	6.2415	0.008	0	0.0074	0.0155
1621	9.75	10	6.2415	0	0.0001	6.2416	0.0055	0	0.0084	0.0139
1622	9.79	10	6.2411	0	0.0001	6.2412	0.007	0	0.008	0.015
1623	9.91	10	6.2401	0	0.0001	6.2402	0.01	0	0.0044	0.0144
1624	9.91	10.1	6.2385	0	0.0002	6.2387	0.0157	0	0.0038	0.0195
1625	9.72	10.1	6.2371	0	0.0001	6.2372	0.0255	0	0.0041	0.0296
1626	9.83	10.1	6.2371	0	0.0002	6.2373	0.0286	0	0.0004	0.0291
1627	10.2	10.1	6.2371	0	0.0001	6.2372	0.0318	0	-0.0023	0.0295
1628	9.96	10.1	6.2366	0	0.0001	6.2367	0.031	0	-0.0007	0.0304
1629	10.3	10.1	6.2364	0	0	6.2364	0.0255	0	0.0007	0.0261
1630	10.2	10.1	6.2362	0	-0.0002	6.236	0.0238	0	0.0016	0.0253
1631	10.1	10.1	6.2362	0	-0.0001	6.236	0.0371	0	0.0016	0.0387
1632	10.2	10.2	6.2365	0	0	6.2365	0.0489	0	0.0013	0.0502
1633	10.6	10.2	6.237	0	0.0001	6.2371	0.0582	0	-0.0001	0.058
1634	10.7	10.2	6.2373	0	0.0002	6.2375	0.0613	0	-0.0013	0.06
1635	10.3	10.2	6.2374	0	0.0003	6.2377	0.0551	0	-0.0021	0.0529
1636	10.1	10.2	6.2372	0	0.0003	6.2375	0.0416	0	-0.0043	0.0372
1637	9.6	10.2	6.2368	0	0.0002	6.237	0.0405	0	-0.0045	0.036
1638	10.8	10.3	6.2363	0	-0.0001	6.2362	0.0427	0	-0.0048	0.0379
1639	10.1	10.3	6.237	0	-0.0004	6.2367	0.0533	0	-0.0035	0.0498
1640	10.4	10.3	6.238	0	-0.0002	6.2378	0.057	0	-0.0051	0.052
1641	10.2	10.3	6.2388	0	-0.0003	6.2385	0.0578	0	-0.0078	0.05
1642	10.2	10.3	6.2391	0	-0.0004	6.2387	0.0603	0	-0.0067	0.0536
1643	9.98	10.2	6.2397	0	-0.0004	6.2393	0.0597	0	-0.0056	0.054
1644	9.96	10.2	6.2404	0	-0.0004	6.24	0.0611	0	-0.0027	0.0584
1645	10.2	10.2	6.2407	0	-0.0005	6.2402	0.0644	0	0	0.0643
1646	10.4	10.1	6.2409	0	-0.0008	6.2401	0.0754	0	0.0014	0.0768
1647	10.8	10.2	6.2411	0	-0.0008	6.2403	0.0874	0	0.0032	0.0906
1648	10.6	10.1	6.2418	0	-0.0009	6.2409	0.0935	0	0.002	0.0954
1649	10.3	10.1	6.2421	0	-0.001	6.2411	0.0959	0	-0.0003	0.0957
1650	9.82	10	6.2424	0	-0.0009	6.2415	0.1061	0	-0.0005	0.1057
1651	9.88	9.99	6.2426	0	-0.0007	6.2419	0.1014	0	0.0005	0.1018
1652	10.1	9.97	6.2426	0	-0.0006	6.2421	0.097	0	0.0003	0.0973
1653	10	9.95	6.2426	0	-0.0005	6.2421	0.092	0	0.0005	0.0925
1654	9.59	9.92	6.2426	0	-0.0005	6.2421	0.0724	0	0.0011	0.0736
1655	9.6	9.9	6.2424	0	-0.0006	6.2418	0.0622	0	0.0022	0.0644
1656	9.85	9.88	6.2414	0	-0.0005	6.2409	0.0595	0	0.0016	0.0611

1657	9.63	9.82	6.2398	0	-0.0005	6.2393	0.0684	0	0.0034	0.0718
1658	10.2	9.78	6.2385	0	-0.0004	6.2381	0.0756	0	0.0044	0.08
1659	9.14	9.77	6.2382	0	-0.0005	6.2377	0.0779	0	0.0033	0.0811
1660	9.51	9.81	6.2378	0	-0.0004	6.2374	0.0757	0	0.0019	0.0776
1661	9.78	9.8	6.2376	0	-0.0003	6.2373	0.0679	0	0.0012	0.0691
1662	9.69	9.78	6.2378	0	-0.0002	6.2375	0.0548	0	0.002	0.0568
1663	9.41	9.8	6.2381	0	-0.0002	6.2379	0.0532	0	0.0004	0.0537
1664	9.76	9.84	6.2384	0	-0.0003	6.2381	0.0501	0	0.0019	0.052
1665	9.92	9.88	6.2385	0	-0.0004	6.238	0.045	0	0.0046	0.0496
1666	9.72	9.9	6.2385	0	-0.0005	6.2379	0.0388	0	0.0072	0.046
1667	9.84	9.94	6.2386	0	-0.0007	6.2379	0.0383	0	0.009	0.0474
1668	10.1	9.95	6.2387	0	-0.0008	6.2379	0.0367	0	0.0109	0.0475
1669	10.5	10	6.2392	0	-0.001	6.2382	0.0266	0	0.0093	0.0359
1670	9.73	10.1	6.24	0	-0.0012	6.2388	0.0193	0	0.0092	0.0286
1671	9.75	10.1	6.2406	0	-0.0012	6.2394	0.0256	0	0.0131	0.0387
1672	10.4	10.1	6.241	0	-0.0008	6.2402	0.0297	0	0.0142	0.0439
1673	10.5	10.1	6.2412	0	-0.0006	6.2405	0.0244	0	0.012	0.0364
1674	10.3	10.1	6.2412	0	-0.0005	6.2407	0.0091	0	0.0115	0.0206
1675	10.3	10.1	6.2411	0	-0.0003	6.2408	-0.0095	0	0.0109	0.0013
1676	10.3	10.1	6.2413	0	-0.0002	6.2411	-0.0247	0	0.0117	-0.013
1677	10.5	10.1	6.2416	0	-0.0001	6.2415	-0.0276	0	0.0129	-0.0147
1678	10.7	10.2	6.242	0	-0.0001	6.2419	-0.0325	0	0.0103	-0.0222
1679	10.1	10.1	6.2422	0	-0.0001	6.2421	-0.0416	0	0.009	-0.0326
1680	10.4	10.2	6.2419	0	-0.0001	6.2418	-0.0453	0	0.0074	-0.0379
1681	9.81	10.2	6.2416	0	-0.0001	6.2415	-0.0467	0	0.0048	-0.0419
1682	9.39	10.2	6.2406	0	0.0001	6.2406	-0.0452	0	0.0057	-0.0395
1683	9.82	10.2	6.2405	0	0	6.2405	-0.0406	0	0.0067	-0.0339
1684	9.67	10.2	6.2403	0	0.0001	6.2404	-0.0352	0	0.0099	-0.0253
1685	9.78	10.2	6.24	0	0.0002	6.2403	-0.034	0	0.0114	-0.0227
1686	10.5	10.2	6.2396	0	0.0003	6.24	-0.0364	0	0.012	-0.0244
1687	10.6	10.2	6.2389	0	0.0004	6.2393	-0.0415	0	0.0125	-0.029
1688	10.2	10.2	6.2377	0	0.0003	6.238	-0.0507	0	0.0117	-0.039
1689	10.4	10.2	6.2375	0	0.0004	6.2379	-0.0575	0	0.008	-0.0495
1690	9.5	10.3	6.2375	0	0.0005	6.238	-0.0506	0	0.005	-0.0456
1691	10.3	10.3	6.2371	0	0.0002	6.2373	-0.0428	0	0.0077	-0.0351
1692	10.7	10.4	6.2372	0	0.0001	6.2374	-0.0311	0	0.0071	-0.0241
1693	10.7	10.5	6.2375	0	0.0001	6.2376	-0.0234	0	0.0046	-0.0188

1694	10.8	10.5	6.2374	0	0.0001	6.2375	-0.0146	0	0.0035	-0.0111
1695	10.7	10.5	6.2368	0	0	6.2368	-0.0082	0	0.0012	-0.007
1696	10.6	10.5	6.236	0	0	6.236	-0.0058	0	-0.0012	-0.007
1697	10.5	10.5	6.2356	0	0.0001	6.2357	-0.006	0	-0.004	-0.01
1698	10.4	10.5	6.2358	0	0.0002	6.236	-0.008	0	-0.0048	-0.0128
1699	11	10.5	6.2352	0	0.0002	6.2354	-0.0039	0	-0.0049	-0.0089
1700	11.1	10.5	6.2358	0	0.0002	6.236	-0.0025	0	-0.0045	-0.0071
1701	11	10.6	6.2361	0	0.0002	6.2363	0.0027	0	-0.0035	-0.0008
1702	10.5	10.5	6.2358	0	0	6.2359	0.0112	0	-0.0018	0.0094
1703	10.5	10.5	6.2361	0	-0.0001	6.236	0.0145	0	0.0008	0.0153
1704	10.4	10.4	6.2364	0	0	6.2364	0.0198	0	-0.001	0.0188
1705	10.2	10.4	6.236	0	-0.0001	6.2359	0.026	0	-0.0015	0.0245
1706	10.2	10.4	6.2353	0	-0.0002	6.2352	0.02	0	-0.0016	0.0184
1707	10.4	10.4	6.2352	0	-0.0002	6.2351	0.0149	0	-0.001	0.0139
1708	10.3	10.4	6.2356	0	-0.0001	6.2355	0.0011	0	-0.0015	-0.0004
1709	10.2	10.4	6.2361	0	-0.0001	6.2359	-0.0081	0	0.0007	-0.0074
1710	10.7	10.3	6.2368	0	-0.0002	6.2366	-0.006	0	0.001	-0.0049
1711	9.86	10.2	6.2382	0	-0.0005	6.2377	-0.0062	0	0.0019	-0.0042
1712	10.1	10.2	6.2386	0	-0.0004	6.2382	-0.0118	0	0.0032	-0.0086
1713	9.82	10.2	6.2388	0	-0.0004	6.2384	-0.0152	0	0.0045	-0.0107
1714	10.2	10.2	6.2389	0	-0.0004	6.2385	-0.0085	0	0.0038	-0.0047
1715	10.5	10.1	6.239	0	-0.0004	6.2386	-0.0067	0	0.0019	-0.0047
1716	10.7	10.1	6.2392	0	-0.0004	6.2388	-0.0104	0	0.0015	-0.0089
1717	10.3	10.1	6.2391	0	-0.0004	6.2387	-0.0067	0	0.0033	-0.0034
1718	9.77	10.1	6.2389	0	-0.0005	6.2385	-0.0003	0	0.0032	0.003
1719	9.86	10.1	6.2389	0	-0.0008	6.2382	0.0047	0	0.0044	0.0091
1720	9.85	10.1	6.2387	0	-0.0011	6.2376	0.0101	0	0.0032	0.0133
1721	9.81	10.1	6.2385	0	-0.0013	6.2372	0.0167	0	0.0005	0.0173
1722	9.9	10.1	6.2386	0	-0.0011	6.2375	0.0201	0	-0.0004	0.0197
1723	10.3	10.1	6.2392	0	-0.001	6.2382	0.0199	0	0.002	0.0219
1724	9.98	10.1	6.2394	0	-0.0009	6.2385	0.0192	0	0.0015	0.0206
1725	9.86	10	6.2396	0	-0.001	6.2385	0.0213	0	0.0016	0.0229
1726	9.69	9.98	6.2399	0	-0.0011	6.2388	0.0226	0	0.0035	0.0261
1727	10.2	9.96	6.2403	0	-0.0009	6.2394	0.0265	0	0.0054	0.0319
1728	10.4	9.98	6.2408	0	-0.0008	6.24	0.032	0	0.0068	0.0388
1729	10.1	10	6.241	0	-0.0007	6.2402	0.0366	0	0.0055	0.0421
1730	10.1	10	6.2408	0	-0.0006	6.2402	0.0421	0	0.0063	0.0484

1731	9.99	10	6.2407	0	-0.0007	6.24	0.0365	0	0.0087	0.0452
1732	10.3	10	6.2406	0	-0.0007	6.2399	0.0311	0	0.0114	0.0425
1733	9.82	9.98	6.2405	0	-0.0009	6.2396	0.0214	0	0.0147	0.0361
1734	9.66	9.94	6.2407	0	-0.0009	6.2398	0.0214	0	0.0137	0.0352
1735	9.83	9.94	6.241	0	-0.0009	6.2401	0.0192	0	0.0131	0.0323
1736	9.82	9.95	6.2414	0	-0.001	6.2404	0.0159	0	0.0143	0.0303
1737	10.1	9.96	6.2419	0	-0.001	6.2409	0.0183	0	0.0143	0.0327
1738	10.3	9.97	6.2421	0	-0.0009	6.2412	0.0192	0	0.0157	0.0349
1739	10.1	9.98	6.2421	0	-0.0009	6.2412	0.0101	0	0.0168	0.0269
1740	9.89	9.96	6.2423	0	-0.001	6.2413	0.0133	0	0.0159	0.0292
1741	9.87	9.95	6.2419	0	-0.001	6.2409	0.0175	0	0.0153	0.0328
1742	9.69	9.91	6.2415	0	-0.0009	6.2406	0.0167	0	0.0108	0.0276
1743	9.25	9.88	6.2412	0	-0.0008	6.2404	0.0199	0	0.0082	0.0281
1744	9.9	9.89	6.2412	0	-0.0005	6.2407	0.0217	0	0.0083	0.0301
1745	9.86	9.94	6.2413	0	-0.0004	6.2409	0.0189	0	0.009	0.0279
1746	10.4	9.96	6.2415	0	-0.0004	6.2411	0.0104	0	0.0085	0.0189
1747	10.5	9.96	6.2419	0	-0.0003	6.2416	-0.0011	0	0.0086	0.0075
1748	10.1	9.94	6.2422	0	-0.0004	6.2418	-0.0031	0	0.0122	0.0091
1749	9.87	9.95	6.2423	0	-0.0005	6.2418	-0.0029	0	0.0156	0.0127
1750	9.79	9.97	6.2421	0	-0.0006	6.2415	0.0003	0	0.0168	0.0171
1751	9.44	9.97	6.2415	0	-0.0006	6.241	0.0098	0	0.019	0.0289
1752	9.37	9.98	6.2412	0	-0.0006	6.2405	0.0127	0	0.0192	0.0319
1753	9.88	10	6.2406	0	-0.0004	6.2402	0.0103	0	0.0176	0.0279
1754	10.8	10	6.24	0	-0.0004	6.2396	0.0132	0	0.0167	0.03
1755	10.2	10.1	6.2404	0	-0.0004	6.24	0.0164	0	0.0174	0.0338
1756	10	10	6.2399	0	-0.0004	6.2395	0.0118	0	0.0173	0.0291
1757	9.95	10.1	6.2397	0	-0.0003	6.2393	0.0054	0	0.0165	0.0219
1758	10.2	10.1	6.2394	0	-0.0005	6.2389	0.0042	0	0.0166	0.0208
1759	10.2	10.2	6.2388	0	-0.0006	6.2382	0.0079	0	0.0174	0.0253
1760	9.96	10.2	6.2384	0	-0.0006	6.2378	0.0135	0	0.0174	0.0308
1761	9.86	10.3	6.2388	0	-0.0006	6.2382	0.0219	0	0.0163	0.0381
1762	9.94	10.3	6.2393	0	-0.0007	6.2386	0.038	0	0.0136	0.0516
1763	10.3	10.3	6.2389	0	-0.0006	6.2383	0.0426	0	0.0147	0.0573
1764	10.4	10.3	6.239	0	-0.0005	6.2385	0.0453	0	0.015	0.0602
1765	10	10.3	6.2395	0	-0.0006	6.2389	0.047	0	0.0151	0.0622
1766	10.9	10.3	6.2391	0	-0.0009	6.2383	0.0494	0	0.0153	0.0648
1767	11.4	10.3	6.2386	0	-0.001	6.2376	0.0515	0	0.0155	0.067

1768	10.6	10.3	6.2382	0	-0.0013	6.2369	0.0508	0	0.0157	0.0665
1769	10.5	10.3	6.2382	0	-0.0013	6.2368	0.0501	0	0.0149	0.065
1770	10.4	10.3	6.2383	0	-0.0012	6.2371	0.0507	0	0.0117	0.0625
1771	10	10.3	6.2386	0	-0.0012	6.2375	0.0488	0	0.007	0.0558
1772	9.93	10.3	6.239	0	-0.001	6.238	0.0466	0	0.0054	0.052
1773	10.3	10.3	6.2393	0	-0.0008	6.2385	0.0485	0	0.0078	0.0563
1774	10.8	10.3	6.2391	0	-0.0007	6.2384	0.0562	0	0.009	0.0653
1775	10.4	10.3	6.2389	0	-0.0007	6.2382	0.0607	0	0.0103	0.0711
1776	9.95	10.2	6.2386	0	-0.0007	6.2379	0.0632	0	0.0087	0.0719
1777	10.3	10.1	6.2384	0	-0.0008	6.2376	0.0679	0	0.0081	0.0761
1778	10.3	10.1	6.2383	0	-0.0006	6.2377	0.0754	0	0.0106	0.0859
1779	9.91	10	6.238	0	-0.0007	6.2373	0.0827	0	0.0125	0.0952
1780	9.71	10	6.2382	0	-0.001	6.2373	0.0863	0	0.0138	0.1001
1781	9.8	10	6.2385	0	-0.0012	6.2373	0.0859	0	0.0154	0.1013
1782	9.85	10	6.2384	0	-0.0014	6.237	0.0848	0	0.0145	0.0993
1783	9.89	10	6.2383	0	-0.0013	6.237	0.0847	0	0.0145	0.0992
1784	9.97	10	6.2384	0	-0.0012	6.2372	0.0846	0	0.012	0.0966
1785	9.51	10	6.2384	0	-0.0012	6.2372	0.0885	0	0.0122	0.1007
1786	9.3	9.98	6.2378	0	-0.0011	6.2367	0.0951	0	0.0123	0.1074
1787	10	9.97	6.237	0	-0.0012	6.2358	0.1022	0	0.0115	0.1137
1788	10.2	9.96	6.2367	0	-0.0014	6.2353	0.1124	0	0.0111	0.1235
1789	10.2	9.98	6.2362	0	-0.0012	6.235	0.1165	0	0.0129	0.1294
1790	9.91	10	6.2358	0	-0.001	6.2347	0.119	0	0.0135	0.1325
1791	10	10	6.2354	0	-0.0008	6.2345	0.1242	0	0.0117	0.136
1792	10.5	10.1	6.2352	0	-0.0007	6.2345	0.1198	0	0.0122	0.1321
1793	10.6	10.1	6.2353	0	-0.0007	6.2346	0.1144	0	0.014	0.1284
1794	9.99	10.2	6.2355	0	-0.0008	6.2347	0.1117	0	0.0159	0.1276
1795	9.6	10.2	6.2358	0	-0.0008	6.235	0.1137	0	0.0211	0.1348
1796	9.99	10.2	6.2361	0	-0.0008	6.2353	0.1173	0	0.0234	0.1407
1797	10.3	10.1	6.2359	0	-0.0011	6.2348	0.1239	0	0.0241	0.148
1798	10.3	10.3	6.2361	0	-0.0014	6.2347	0.1338	0	0.0258	0.1596
1799	9.96	10.3	6.2352	0	-0.0015	6.2337	0.1419	0	0.0248	0.1667
1800	10.8	10.8	6.2348	0	-0.0017	6.2331	0.1473	0	0.0227	0.17