

Supplementary Table 8. Test information function according to the measure on a latent variable which shows the highest information,16.0584 at a measure of -0.098.

Test Information Function C2		
R1	-7	0.1021
R2	-6.993	0.1028
R3	-6.986	0.1035
R4	-6.979	0.1043
R5	-6.972	0.105
R6	-6.965	0.1057
R7	-6.958	0.1064
R8	-6.951	0.1072
R9	-6.944	0.1079
R10	-6.937	0.1087
R11	-6.93	0.1094
R12	-6.923	0.1102
R13	-6.916	0.1109
R14	-6.909	0.1117
R15	-6.902	0.1125
R16	-6.895	0.1132
R17	-6.888	0.114
R18	-6.881	0.1148
R19	-6.874	0.1156
R20	-6.867	0.1164
R21	-6.86	0.1172
R22	-6.853	0.118

R23	-6.846	0.1188
R24	-6.839	0.1196
R25	-6.832	0.1205
R26	-6.825	0.1213
R27	-6.818	0.1221
R28	-6.811	0.123
R29	-6.804	0.1238
R30	-6.797	0.1247
R31	-6.79	0.1255
R32	-6.783	0.1264
R33	-6.776	0.1273
R34	-6.769	0.1282
R35	-6.762	0.129
R36	-6.755	0.1299
R37	-6.748	0.1308
R38	-6.741	0.1317
R39	-6.734	0.1326
R40	-6.727	0.1336
R41	-6.72	0.1345
R42	-6.713	0.1354
R43	-6.706	0.1363
R44	-6.699	0.1373
R45	-6.692	0.1382
R46	-6.685	0.1392
R47	-6.678	0.1401
R48	-6.671	0.1411

R49	-6.664	0.1421
R50	-6.657	0.143
R51	-6.65	0.144
R52	-6.643	0.145
R53	-6.636	0.146
R54	-6.629	0.147
R55	-6.622	0.148
R56	-6.615	0.149
R57	-6.608	0.1501
R58	-6.601	0.1511
R59	-6.594	0.1521
R60	-6.587	0.1532
R61	-6.58	0.1542
R62	-6.573	0.1553
R63	-6.566	0.1564
R64	-6.559	0.1574
R65	-6.552	0.1585
R66	-6.545	0.1596
R67	-6.538	0.1607
R68	-6.531	0.1618
R69	-6.524	0.1629
R70	-6.517	0.164
R71	-6.51	0.1651
R72	-6.503	0.1663
R73	-6.496	0.1674
R74	-6.489	0.1686

R75	-6.482	0.1697
R76	-6.475	0.1709
R77	-6.468	0.172
R78	-6.461	0.1732
R79	-6.454	0.1744
R80	-6.447	0.1756
R81	-6.44	0.1768
R82	-6.433	0.178
R83	-6.426	0.1792
R84	-6.419	0.1805
R85	-6.412	0.1817
R86	-6.405	0.1829
R87	-6.398	0.1842
R88	-6.391	0.1854
R89	-6.384	0.1867
R90	-6.377	0.188
R91	-6.37	0.1893
R92	-6.363	0.1906
R93	-6.356	0.1919
R94	-6.349	0.1932
R95	-6.342	0.1945
R96	-6.335	0.1958
R97	-6.328	0.1972
R98	-6.321	0.1985
R99	-6.314	0.1999
R100	-6.307	0.2012

R101	-6.3	0.2026
R102	-6.293	0.204
R103	-6.286	0.2054
R104	-6.279	0.2068
R105	-6.272	0.2082
R106	-6.265	0.2096
R107	-6.258	0.211
R108	-6.251	0.2125
R109	-6.244	0.2139
R110	-6.237	0.2154
R111	-6.23	0.2168
R112	-6.223	0.2183
R113	-6.216	0.2198
R114	-6.209	0.2213
R115	-6.202	0.2228
R116	-6.195	0.2243
R117	-6.188	0.2258
R118	-6.181	0.2274
R119	-6.174	0.2289
R120	-6.167	0.2305
R121	-6.16	0.232
R122	-6.153	0.2336
R123	-6.146	0.2352
R124	-6.139	0.2368
R125	-6.132	0.2384
R126	-6.125	0.24

R127	-6.118	0.2416
R128	-6.111	0.2433
R129	-6.104	0.2449
R130	-6.097	0.2466
R131	-6.09	0.2482
R132	-6.083	0.2499
R133	-6.076	0.2516
R134	-6.069	0.2533
R135	-6.062	0.255
R136	-6.055	0.2568
R137	-6.048	0.2585
R138	-6.041	0.2603
R139	-6.034	0.262
R140	-6.027	0.2638
R141	-6.02	0.2656
R142	-6.013	0.2674
R143	-6.006	0.2692
R144	-5.999	0.271
R145	-5.992	0.2728
R146	-5.985	0.2747
R147	-5.978	0.2765
R148	-5.971	0.2784
R149	-5.964	0.2802
R150	-5.957	0.2821
R151	-5.95	0.284
R152	-5.943	0.286

R153	-5.936	0.2879
R154	-5.929	0.2898
R155	-5.922	0.2918
R156	-5.915	0.2937
R157	-5.908	0.2957
R158	-5.901	0.2977
R159	-5.894	0.2997
R160	-5.887	0.3017
R161	-5.88	0.3037
R162	-5.873	0.3058
R163	-5.866	0.3078
R164	-5.859	0.3099
R165	-5.852	0.312
R166	-5.845	0.3141
R167	-5.838	0.3162
R168	-5.831	0.3183
R169	-5.824	0.3204
R170	-5.817	0.3226
R171	-5.81	0.3247
R172	-5.803	0.3269
R173	-5.796	0.3291
R174	-5.789	0.3313
R175	-5.782	0.3335
R176	-5.775	0.3358
R177	-5.768	0.338
R178	-5.761	0.3403

R179	-5.754	0.3425
R180	-5.747	0.3448
R181	-5.74	0.3471
R182	-5.733	0.3495
R183	-5.726	0.3518
R184	-5.719	0.3541
R185	-5.712	0.3565
R186	-5.705	0.3589
R187	-5.698	0.3613
R188	-5.691	0.3637
R189	-5.684	0.3661
R190	-5.677	0.3685
R191	-5.67	0.371
R192	-5.663	0.3735
R193	-5.656	0.3759
R194	-5.649	0.3784
R195	-5.642	0.381
R196	-5.635	0.3835
R197	-5.628	0.386
R198	-5.621	0.3886
R199	-5.614	0.3912
R200	-5.607	0.3938
R201	-5.6	0.3964
R202	-5.593	0.399
R203	-5.586	0.4017
R204	-5.579	0.4043



R205	-5.572	0.407
R206	-5.565	0.4097
R207	-5.558	0.4124
R208	-5.551	0.4151
R209	-5.544	0.4179
R210	-5.537	0.4206
R211	-5.53	0.4234
R212	-5.523	0.4262
R213	-5.516	0.429
R214	-5.509	0.4319
R215	-5.502	0.4347
R216	-5.495	0.4376
R217	-5.488	0.4405
R218	-5.481	0.4434
R219	-5.474	0.4463
R220	-5.467	0.4492
R221	-5.46	0.4522
R222	-5.453	0.4552
R223	-5.446	0.4582
R224	-5.439	0.4612
R225	-5.432	0.4642
R226	-5.425	0.4673
R227	-5.418	0.4703
R228	-5.411	0.4734
R229	-5.404	0.4765
R230	-5.397	0.4796

R231	-5.39	0.4828
R232	-5.383	0.4859
R233	-5.376	0.4891
R234	-5.369	0.4923
R235	-5.362	0.4956
R236	-5.355	0.4988
R237	-5.348	0.5021
R238	-5.341	0.5053
R239	-5.334	0.5086
R240	-5.327	0.512
R241	-5.32	0.5153
R242	-5.313	0.5187
R243	-5.306	0.522
R244	-5.299	0.5254
R245	-5.292	0.5289
R246	-5.285	0.5323
R247	-5.278	0.5358
R248	-5.271	0.5393
R249	-5.264	0.5428
R250	-5.257	0.5463
R251	-5.25	0.5498
R252	-5.243	0.5534
R253	-5.236	0.557
R254	-5.229	0.5606
R255	-5.222	0.5643
R256	-5.215	0.5679

R257	-5.208	0.5716
R258	-5.201	0.5753
R259	-5.194	0.579
R260	-5.187	0.5828
R261	-5.18	0.5865
R262	-5.173	0.5903
R263	-5.166	0.5941
R264	-5.159	0.598
R265	-5.152	0.6018
R266	-5.145	0.6057
R267	-5.138	0.6096
R268	-5.131	0.6135
R269	-5.124	0.6175
R270	-5.117	0.6214
R271	-5.11	0.6254
R272	-5.103	0.6295
R273	-5.096	0.6335
R274	-5.089	0.6376
R275	-5.082	0.6417
R276	-5.075	0.6458
R277	-5.068	0.6499
R278	-5.061	0.6541
R279	-5.054	0.6583
R280	-5.047	0.6625
R281	-5.04	0.6667
R282	-5.033	0.671

R283	-5.026	0.6753
R284	-5.019	0.6796
R285	-5.012	0.6839
R286	-5.005	0.6883
R287	-4.998	0.6927
R288	-4.991	0.6971
R289	-4.984	0.7015
R290	-4.977	0.706
R291	-4.97	0.7105
R292	-4.963	0.715
R293	-4.956	0.7195
R294	-4.949	0.7241
R295	-4.942	0.7287
R296	-4.935	0.7333
R297	-4.928	0.738
R298	-4.921	0.7426
R299	-4.914	0.7473
R300	-4.907	0.7521
R301	-4.9	0.7568
R302	-4.893	0.7616
R303	-4.886	0.7664
R304	-4.879	0.7712
R305	-4.872	0.7761
R306	-4.865	0.781
R307	-4.858	0.7859
R308	-4.851	0.7909

R309	-4.844	0.7958
R310	-4.837	0.8008
R311	-4.83	0.8059
R312	-4.823	0.8109
R313	-4.816	0.816
R314	-4.809	0.8211
R315	-4.802	0.8263
R316	-4.795	0.8315
R317	-4.788	0.8367
R318	-4.781	0.8419
R319	-4.774	0.8472
R320	-4.767	0.8525
R321	-4.76	0.8578
R322	-4.753	0.8631
R323	-4.746	0.8685
R324	-4.739	0.8739
R325	-4.732	0.8794
R326	-4.725	0.8848
R327	-4.718	0.8903
R328	-4.711	0.8959
R329	-4.704	0.9014
R330	-4.697	0.907
R331	-4.69	0.9127
R332	-4.683	0.9183
R333	-4.676	0.924
R334	-4.669	0.9297

R335	-4.662	0.9355
R336	-4.655	0.9413
R337	-4.648	0.9471
R338	-4.641	0.9529
R339	-4.634	0.9588
R340	-4.627	0.9647
R341	-4.62	0.9706
R342	-4.613	0.9766
R343	-4.606	0.9826
R344	-4.599	0.9887
R345	-4.592	0.9947
R346	-4.585	1.0008
R347	-4.578	1.007
R348	-4.571	1.0131
R349	-4.564	1.0194
R350	-4.557	1.0256
R351	-4.55	1.0319
R352	-4.543	1.0382
R353	-4.536	1.0445
R354	-4.529	1.0509
R355	-4.522	1.0573
R356	-4.515	1.0637
R357	-4.508	1.0702
R358	-4.501	1.0767
R359	-4.494	1.0833
R360	-4.487	1.0898

R361	-4.48	1.0965
R362	-4.473	1.1031
R363	-4.466	1.1098
R364	-4.459	1.1165
R365	-4.452	1.1233
R366	-4.445	1.1301
R367	-4.438	1.1369
R368	-4.431	1.1438
R369	-4.424	1.1507
R370	-4.417	1.1576
R371	-4.41	1.1646
R372	-4.403	1.1716
R373	-4.396	1.1787
R374	-4.389	1.1857
R375	-4.382	1.1929
R376	-4.375	1.2
R377	-4.368	1.2072
R378	-4.361	1.2145
R379	-4.354	1.2217
R380	-4.347	1.229
R381	-4.34	1.2364
R382	-4.333	1.2438
R383	-4.326	1.2512
R384	-4.319	1.2587
R385	-4.312	1.2662
R386	-4.305	1.2737

R387	-4.298	1.2813
R388	-4.291	1.2889
R389	-4.284	1.2966
R390	-4.277	1.3043
R391	-4.27	1.312
R392	-4.263	1.3198
R393	-4.256	1.3276
R394	-4.249	1.3355
R395	-4.242	1.3434
R396	-4.235	1.3513
R397	-4.228	1.3593
R398	-4.221	1.3673
R399	-4.214	1.3754
R400	-4.207	1.3835
R401	-4.2	1.3916
R402	-4.193	1.3998
R403	-4.186	1.408
R404	-4.179	1.4163
R405	-4.172	1.4246
R406	-4.165	1.433
R407	-4.158	1.4414
R408	-4.151	1.4498
R409	-4.144	1.4583
R410	-4.137	1.4668
R411	-4.13	1.4754
R412	-4.123	1.484



R413	-4.116	1.4926
R414	-4.109	1.5013
R415	-4.102	1.5101
R416	-4.095	1.5189
R417	-4.088	1.5277
R418	-4.081	1.5366
R419	-4.074	1.5455
R420	-4.067	1.5545
R421	-4.06	1.5635
R422	-4.053	1.5725
R423	-4.046	1.5816
R424	-4.039	1.5908
R425	-4.032	1.5999
R426	-4.025	1.6092
R427	-4.018	1.6185
R428	-4.011	1.6278
R429	-4.004	1.6372
R430	-3.997	1.6466
R431	-3.99	1.6561
R432	-3.983	1.6656
R433	-3.976	1.6751
R434	-3.969	1.6847
R435	-3.962	1.6944
R436	-3.955	1.7041
R437	-3.948	1.7139
R438	-3.941	1.7237

R439	-3.934	1.7335
R440	-3.927	1.7434
R441	-3.92	1.7534
R442	-3.913	1.7634
R443	-3.906	1.7734
R444	-3.899	1.7835
R445	-3.892	1.7937
R446	-3.885	1.8039
R447	-3.878	1.8141
R448	-3.871	1.8244
R449	-3.864	1.8347
R450	-3.857	1.8451
R451	-3.85	1.8556
R452	-3.843	1.8661
R453	-3.836	1.8767
R454	-3.829	1.8873
R455	-3.822	1.8979
R456	-3.815	1.9086
R457	-3.808	1.9194
R458	-3.801	1.9302
R459	-3.794	1.9411
R460	-3.787	1.952
R461	-3.78	1.963
R462	-3.773	1.974
R463	-3.766	1.9851
R464	-3.759	1.9962

R465	-3.752	2.0074
R466	-3.745	2.0187
R467	-3.738	2.03
R468	-3.731	2.0413
R469	-3.724	2.0528
R470	-3.717	2.0642
R471	-3.71	2.0758
R472	-3.703	2.0873
R473	-3.696	2.099
R474	-3.689	2.1107
R475	-3.682	2.1224
R476	-3.675	2.1343
R477	-3.668	2.1461
R478	-3.661	2.1581
R479	-3.654	2.1701
R480	-3.647	2.1821
R481	-3.64	2.1942
R482	-3.633	2.2064
R483	-3.626	2.2186
R484	-3.619	2.2309
R485	-3.612	2.2432
R486	-3.605	2.2556
R487	-3.598	2.2681
R488	-3.591	2.2807
R489	-3.584	2.2932
R490	-3.577	2.3059

R491	-3.57	2.3186
R492	-3.563	2.3314
R493	-3.556	2.3442
R494	-3.549	2.3571
R495	-3.542	2.3701
R496	-3.535	2.3832
R497	-3.528	2.3963
R498	-3.521	2.4094
R499	-3.514	2.4227
R500	-3.507	2.4359
R501	-3.5	2.4493
R502	-3.493	2.4627
R503	-3.486	2.4762
R504	-3.479	2.4898
R505	-3.472	2.5034
R506	-3.465	2.5171
R507	-3.458	2.5309
R508	-3.451	2.5447
R509	-3.444	2.5586
R510	-3.437	2.5726
R511	-3.43	2.5866
R512	-3.423	2.6007
R513	-3.416	2.6149
R514	-3.409	2.6292
R515	-3.402	2.6435
R516	-3.395	2.6579

R517	-3.388	2.6724
R518	-3.381	2.6869
R519	-3.374	2.7015
R520	-3.367	2.7162
R521	-3.36	2.731
R522	-3.353	2.7458
R523	-3.346	2.7607
R524	-3.339	2.7757
R525	-3.332	2.7908
R526	-3.325	2.8059
R527	-3.318	2.8211
R528	-3.311	2.8364
R529	-3.304	2.8518
R530	-3.297	2.8672
R531	-3.29	2.8828
R532	-3.283	2.8984
R533	-3.276	2.914
R534	-3.269	2.9298
R535	-3.262	2.9456
R536	-3.255	2.9616
R537	-3.248	2.9776
R538	-3.241	2.9937
R539	-3.234	3.0098
R540	-3.227	3.0261
R541	-3.22	3.0424
R542	-3.213	3.0588

R543	-3.206	3.0753
R544	-3.199	3.0919
R545	-3.192	3.1086
R546	-3.185	3.1254
R547	-3.178	3.1422
R548	-3.171	3.1591
R549	-3.164	3.1762
R550	-3.157	3.1933
R551	-3.15	3.2105
R552	-3.143	3.2277
R553	-3.136	3.2451
R554	-3.129	3.2626
R555	-3.122	3.2801
R556	-3.115	3.2978
R557	-3.108	3.3155
R558	-3.101	3.3333
R559	-3.094	3.3513
R560	-3.087	3.3693
R561	-3.08	3.3874
R562	-3.073	3.4056
R563	-3.066	3.4239
R564	-3.059	3.4423
R565	-3.052	3.4608
R566	-3.045	3.4794
R567	-3.038	3.498
R568	-3.031	3.5168

R569	-3.024	3.5357
R570	-3.017	3.5547
R571	-3.01	3.5738
R572	-3.003	3.5929
R573	-2.996	3.6122
R574	-2.989	3.6316
R575	-2.982	3.6511
R576	-2.975	3.6707
R577	-2.968	3.6903
R578	-2.961	3.7101
R579	-2.954	3.73
R580	-2.947	3.75
R581	-2.94	3.7701
R582	-2.933	3.7903
R583	-2.926	3.8106
R584	-2.919	3.8311
R585	-2.912	3.8516
R586	-2.905	3.8722
R587	-2.898	3.893
R588	-2.891	3.9138
R589	-2.884	3.9348
R590	-2.877	3.9559
R591	-2.87	3.977
R592	-2.863	3.9983
R593	-2.856	4.0197
R594	-2.849	4.0413

R595	-2.842	4.0629
R596	-2.835	4.0846
R597	-2.828	4.1065
R598	-2.821	4.1285
R599	-2.814	4.1506
R600	-2.807	4.1728
R601	-2.8	4.1951
R602	-2.793	4.2175
R603	-2.786	4.2401
R604	-2.779	4.2628
R605	-2.772	4.2856
R606	-2.765	4.3085
R607	-2.758	4.3315
R608	-2.751	4.3547
R609	-2.744	4.3779
R610	-2.737	4.4013
R611	-2.73	4.4248
R612	-2.723	4.4485
R613	-2.716	4.4722
R614	-2.709	4.4961
R615	-2.702	4.5201
R616	-2.695	4.5442
R617	-2.688	4.5685
R618	-2.681	4.5929
R619	-2.674	4.6174
R620	-2.667	4.642



R621	-2.66	4.6668
R622	-2.653	4.6916
R623	-2.646	4.7166
R624	-2.639	4.7418
R625	-2.632	4.767
R626	-2.625	4.7924
R627	-2.618	4.8179
R628	-2.611	4.8436
R629	-2.604	4.8694
R630	-2.597	4.8953
R631	-2.59	4.9213
R632	-2.583	4.9475
R633	-2.576	4.9737
R634	-2.569	5.0002
R635	-2.562	5.0267
R636	-2.555	5.0534
R637	-2.548	5.0802
R638	-2.541	5.1072
R639	-2.534	5.1342
R640	-2.527	5.1615
R641	-2.52	5.1888
R642	-2.513	5.2163
R643	-2.506	5.2439
R644	-2.499	5.2716
R645	-2.492	5.2995
R646	-2.485	5.3275

R647	-2.478	5.3556
R648	-2.471	5.3839
R649	-2.464	5.4123
R650	-2.457	5.4409
R651	-2.45	5.4695
R652	-2.443	5.4983
R653	-2.436	5.5273
R654	-2.429	5.5563
R655	-2.422	5.5855
R656	-2.415	5.6149
R657	-2.408	5.6443
R658	-2.401	5.6739
R659	-2.394	5.7037
R660	-2.387	5.7335
R661	-2.38	5.7635
R662	-2.373	5.7937
R663	-2.366	5.8239
R664	-2.359	5.8543
R665	-2.352	5.8849
R666	-2.345	5.9155
R667	-2.338	5.9463
R668	-2.331	5.9773
R669	-2.324	6.0083
R670	-2.317	6.0395
R671	-2.31	6.0708
R672	-2.303	6.1023

R673	-2.296	6.1338
R674	-2.289	6.1655
R675	-2.282	6.1974
R676	-2.275	6.2293
R677	-2.268	6.2614
R678	-2.261	6.2937
R679	-2.254	6.326
R680	-2.247	6.3585
R681	-2.24	6.3911
R682	-2.233	6.4238
R683	-2.226	6.4567
R684	-2.219	6.4896
R685	-2.212	6.5228
R686	-2.205	6.556
R687	-2.198	6.5893
R688	-2.191	6.6228
R689	-2.184	6.6564
R690	-2.177	6.6901
R691	-2.17	6.7239
R692	-2.163	6.7579
R693	-2.156	6.792
R694	-2.149	6.8262
R695	-2.142	6.8605
R696	-2.135	6.8949
R697	-2.128	6.9295
R698	-2.121	6.9641

R699	-2.114	6.9989
R700	-2.107	7.0338
R701	-2.1	7.0688
R702	-2.093	7.1039
R703	-2.086	7.1391
R704	-2.079	7.1745
R705	-2.072	7.2099
R706	-2.065	7.2455
R707	-2.058	7.2811
R708	-2.051	7.3169
R709	-2.044	7.3528
R710	-2.037	7.3888
R711	-2.03	7.4248
R712	-2.023	7.461
R713	-2.016	7.4973
R714	-2.009	7.5337
R715	-2.002	7.5702
R716	-1.995	7.6068
R717	-1.988	7.6435
R718	-1.981	7.6803
R719	-1.974	7.7172
R720	-1.967	7.7541
R721	-1.96	7.7912
R722	-1.953	7.8284
R723	-1.946	7.8656
R724	-1.939	7.903

R725	-1.932	7.9404
R726	-1.925	7.978
R727	-1.918	8.0156
R728	-1.911	8.0533
R729	-1.904	8.0911
R730	-1.897	8.1289
R731	-1.89	8.1669
R732	-1.883	8.2049
R733	-1.876	8.243
R734	-1.869	8.2812
R735	-1.862	8.3195
R736	-1.855	8.3579
R737	-1.848	8.3963
R738	-1.841	8.4348
R739	-1.834	8.4734
R740	-1.827	8.5121
R741	-1.82	8.5508
R742	-1.813	8.5896
R743	-1.806	8.6285
R744	-1.799	8.6674
R745	-1.792	8.7064
R746	-1.785	8.7455
R747	-1.778	8.7846
R748	-1.771	8.8238
R749	-1.764	8.8631
R750	-1.757	8.9024

R751	-1.75	8.9418
R752	-1.743	8.9813
R753	-1.736	9.0208
R754	-1.729	9.0603
R755	-1.722	9.1
R756	-1.715	9.1397
R757	-1.708	9.1794
R758	-1.701	9.2192
R759	-1.694	9.259
R760	-1.687	9.2989
R761	-1.68	9.3389
R762	-1.673	9.3789
R763	-1.666	9.4189
R764	-1.659	9.459
R765	-1.652	9.4991
R766	-1.645	9.5393
R767	-1.638	9.5796
R768	-1.631	9.6198
R769	-1.624	9.6601
R770	-1.617	9.7005
R771	-1.61	9.7409
R772	-1.603	9.7813
R773	-1.596	9.8218
R774	-1.589	9.8623
R775	-1.582	9.9028
R776	-1.575	9.9434

R777	-1.568	9.984
R778	-1.561	10.0247
R779	-1.554	10.0653
R780	-1.547	10.1061
R781	-1.54	10.1468
R782	-1.533	10.1876
R783	-1.526	10.2283
R784	-1.519	10.2692
R785	-1.512	10.31
R786	-1.505	10.3509
R787	-1.498	10.3918
R788	-1.491	10.4327
R789	-1.484	10.4736
R790	-1.477	10.5146
R791	-1.47	10.5555
R792	-1.463	10.5965
R793	-1.456	10.6375
R794	-1.449	10.6786
R795	-1.442	10.7196
R796	-1.435	10.7607
R797	-1.428	10.8017
R798	-1.421	10.8428
R799	-1.414	10.8839
R800	-1.407	10.925
R801	-1.4	10.9661
R802	-1.393	11.0072

R803	-1.386	11.0483
R804	-1.379	11.0894
R805	-1.372	11.1305
R806	-1.365	11.1716
R807	-1.358	11.2127
R808	-1.351	11.2538
R809	-1.344	11.2949
R810	-1.337	11.336
R811	-1.33	11.3771
R812	-1.323	11.4182
R813	-1.316	11.4592
R814	-1.309	11.5003
R815	-1.302	11.5414
R816	-1.295	11.5824
R817	-1.288	11.6234
R818	-1.281	11.6644
R819	-1.274	11.7054
R820	-1.267	11.7463
R821	-1.26	11.7873
R822	-1.253	11.8282
R823	-1.246	11.869
R824	-1.239	11.9099
R825	-1.232	11.9507
R826	-1.225	11.9915
R827	-1.218	12.0322
R828	-1.211	12.0729



R829	-1.204	12.1136
R830	-1.197	12.1543
R831	-1.19	12.1948
R832	-1.183	12.2354
R833	-1.176	12.2759
R834	-1.169	12.3163
R835	-1.162	12.3567
R836	-1.155	12.397
R837	-1.148	12.4373
R838	-1.141	12.4776
R839	-1.134	12.5177
R840	-1.127	12.5578
R841	-1.12	12.5978
R842	-1.113	12.6378
R843	-1.106	12.6777
R844	-1.099	12.7175
R845	-1.092	12.7572
R846	-1.085	12.7968
R847	-1.078	12.8364
R848	-1.071	12.8759
R849	-1.064	12.9153
R850	-1.057	12.9546
R851	-1.05	12.9938
R852	-1.043	13.0329
R853	-1.036	13.0719
R854	-1.029	13.1108

R855	-1.022	13.1495
R856	-1.015	13.1882
R857	-1.008	13.2268
R858	-1.001	13.2652
R859	-0.994	13.3035
R860	-0.987	13.3417
R861	-0.98	13.3798
R862	-0.973	13.4177
R863	-0.966	13.4555
R864	-0.959	13.4932
R865	-0.952	13.5307
R866	-0.945	13.5681
R867	-0.938	13.6053
R868	-0.931	13.6424
R869	-0.924	13.6793
R870	-0.917	13.7161
R871	-0.91	13.7527
R872	-0.903	13.7891
R873	-0.896	13.8254
R874	-0.889	13.8615
R875	-0.882	13.8974
R876	-0.875	13.9331
R877	-0.868	13.9686
R878	-0.861	14.004
R879	-0.854	14.0391
R880	-0.847	14.0741

R881	-0.84	14.1089
R882	-0.833	14.1434
R883	-0.826	14.1778
R884	-0.819	14.2119
R885	-0.812	14.2458
R886	-0.805	14.2795
R887	-0.798	14.313
R888	-0.791	14.3463
R889	-0.784	14.3793
R890	-0.777	14.4121
R891	-0.77	14.4446
R892	-0.763	14.4769
R893	-0.756	14.509
R894	-0.749	14.5408
R895	-0.742	14.5723
R896	-0.735	14.6036
R897	-0.728	14.6347
R898	-0.721	14.6654
R899	-0.714	14.6959
R900	-0.707	14.7262
R901	-0.7	14.7561
R902	-0.693	14.7858
R903	-0.686	14.8152
R904	-0.679	14.8443
R905	-0.672	14.8731
R906	-0.665	14.9016

R907	-0.658	14.9298
R908	-0.651	14.9578
R909	-0.644	14.9854
R910	-0.637	15.0127
R911	-0.63	15.0397
R912	-0.623	15.0664
R913	-0.616	15.0928
R914	-0.609	15.1189
R915	-0.602	15.1446
R916	-0.595	15.17
R917	-0.588	15.1951
R918	-0.581	15.2199
R919	-0.574	15.2443
R920	-0.567	15.2684
R921	-0.56	15.2921
R922	-0.553	15.3155
R923	-0.546	15.3386
R924	-0.539	15.3613
R925	-0.532	15.3837
R926	-0.525	15.4058
R927	-0.518	15.4274
R928	-0.511	15.4488
R929	-0.504	15.4697
R930	-0.497	15.4903
R931	-0.49	15.5106
R932	-0.483	15.5305

R933	-0.476	15.55
R934	-0.469	15.5692
R935	-0.462	15.588
R936	-0.455	15.6064
R937	-0.448	15.6245
R938	-0.441	15.6422
R939	-0.434	15.6595
R940	-0.427	15.6765
R941	-0.42	15.6931
R942	-0.413	15.7093
R943	-0.406	15.7251
R944	-0.399	15.7406
R945	-0.392	15.7557
R946	-0.385	15.7704
R947	-0.378	15.7847
R948	-0.371	15.7987
R949	-0.364	15.8123
R950	-0.357	15.8255
R951	-0.35	15.8383
R952	-0.343	15.8508
R953	-0.336	15.8629
R954	-0.329	15.8746
R955	-0.322	15.8859
R956	-0.315	15.8969
R957	-0.308	15.9075
R958	-0.301	15.9177

R959	-0.294	15.9276
R960	-0.287	15.937
R961	-0.28	15.9461
R962	-0.273	15.9549
R963	-0.266	15.9633
R964	-0.259	15.9713
R965	-0.252	15.9789
R966	-0.245	15.9862
R967	-0.238	15.9931
R968	-0.231	15.9996
R969	-0.224	16.0058
R970	-0.217	16.0117
R971	-0.21	16.0171
R972	-0.203	16.0223
R973	-0.196	16.027
R974	-0.189	16.0315
R975	-0.182	16.0356
R976	-0.175	16.0393
R977	-0.168	16.0427
R978	-0.161	16.0457
R979	-0.154	16.0485
R980	-0.147	16.0509
R981	-0.14	16.0529
R982	-0.133	16.0546
R983	-0.126	16.056
R984	-0.119	16.0571

R985	-0.112	16.0578	
R986	-0.105	16.0583	
R987	-0.098	16.0584	* highest information at -0.098
R988	-0.091	16.0582	
R989	-0.084	16.0577	
R990	-0.077	16.0569	
R991	-0.07	16.0558	
R992	-0.063	16.0544	
R993	-0.056	16.0527	
R994	-0.049	16.0507	
R995	-0.042	16.0484	
R996	-0.035	16.0459	
R997	-0.028	16.043	
R998	-0.021	16.0399	
R999	-0.014	16.0365	
R1000	-0.007	16.0328	
R1001	0	16.0289	
R1002	0.007	16.0247	
R1003	0.014	16.0202	
R1004	0.021	16.0155	
R1005	0.028	16.0106	
R1006	0.035	16.0053	
R1007	0.042	15.9999	
R1008	0.049	15.9942	
R1009	0.056	15.9882	
R1010	0.063	15.982	

R1011	0.07	15.9757
R1012	0.077	15.969
R1013	0.084	15.9622
R1014	0.091	15.9551
R1015	0.098	15.9478
R1016	0.105	15.9403
R1017	0.112	15.9326
R1018	0.119	15.9247
R1019	0.126	15.9166
R1020	0.133	15.9083
R1021	0.14	15.8998
R1022	0.147	15.8912
R1023	0.154	15.8823
R1024	0.161	15.8733
R1025	0.168	15.864
R1026	0.175	15.8547
R1027	0.182	15.8451
R1028	0.189	15.8354
R1029	0.196	15.8255
R1030	0.203	15.8154
R1031	0.21	15.8052
R1032	0.217	15.7949
R1033	0.224	15.7844
R1034	0.231	15.7737
R1035	0.238	15.763
R1036	0.245	15.752



R1037	0.252	15.741
R1038	0.259	15.7298
R1039	0.266	15.7185
R1040	0.273	15.707
R1041	0.28	15.6955
R1042	0.287	15.6838
R1043	0.294	15.672
R1044	0.301	15.6601
R1045	0.308	15.6481
R1046	0.315	15.6359
R1047	0.322	15.6237
R1048	0.329	15.6114
R1049	0.336	15.5989
R1050	0.343	15.5864
R1051	0.35	15.5738
R1052	0.357	15.5611
R1053	0.364	15.5482
R1054	0.371	15.5354
R1055	0.378	15.5224
R1056	0.385	15.5093
R1057	0.392	15.4962
R1058	0.399	15.483
R1059	0.406	15.4697
R1060	0.413	15.4563
R1061	0.42	15.4429
R1062	0.427	15.4293

R1063	0.434	15.4158
R1064	0.441	15.4021
R1065	0.448	15.3884
R1066	0.455	15.3746
R1067	0.462	15.3607
R1068	0.469	15.3468
R1069	0.476	15.3329
R1070	0.483	15.3188
R1071	0.49	15.3047
R1072	0.497	15.2906
R1073	0.504	15.2764
R1074	0.511	15.2621
R1075	0.518	15.2478
R1076	0.525	15.2334
R1077	0.532	15.219
R1078	0.539	15.2045
R1079	0.546	15.1899
R1080	0.553	15.1753
R1081	0.56	15.1607
R1082	0.567	15.146
R1083	0.574	15.1312
R1084	0.581	15.1164
R1085	0.588	15.1015
R1086	0.595	15.0866
R1087	0.602	15.0716
R1088	0.609	15.0566

R1089	0.616	15.0415
R1090	0.623	15.0263
R1091	0.63	15.0111
R1092	0.637	14.9959
R1093	0.644	14.9805
R1094	0.651	14.9652
R1095	0.658	14.9497
R1096	0.665	14.9342
R1097	0.672	14.9187
R1098	0.679	14.903
R1099	0.686	14.8874
R1100	0.693	14.8716
R1101	0.7	14.8558
R1102	0.707	14.8399
R1103	0.714	14.8239
R1104	0.721	14.8079
R1105	0.728	14.7918
R1106	0.735	14.7756
R1107	0.742	14.7594
R1108	0.749	14.743
R1109	0.756	14.7266
R1110	0.763	14.7102
R1111	0.77	14.6936
R1112	0.777	14.6769
R1113	0.784	14.6602
R1114	0.791	14.6433

R1115	0.798	14.6264
R1116	0.805	14.6094
R1117	0.812	14.5923
R1118	0.819	14.5751
R1119	0.826	14.5577
R1120	0.833	14.5403
R1121	0.84	14.5228
R1122	0.847	14.5052
R1123	0.854	14.4874
R1124	0.861	14.4696
R1125	0.868	14.4517
R1126	0.875	14.4336
R1127	0.882	14.4154
R1128	0.889	14.397
R1129	0.896	14.3786
R1130	0.903	14.36
R1131	0.91	14.3413
R1132	0.917	14.3225
R1133	0.924	14.3035
R1134	0.931	14.2844
R1135	0.938	14.2652
R1136	0.945	14.2458
R1137	0.952	14.2263
R1138	0.959	14.2066
R1139	0.966	14.1868
R1140	0.973	14.1668

R1141	0.98	14.1466
R1142	0.987	14.1264
R1143	0.994	14.1059
R1144	1.001	14.0853
R1145	1.008	14.0645
R1146	1.015	14.0435
R1147	1.022	14.0224
R1148	1.029	14.0011
R1149	1.036	13.9797
R1150	1.043	13.958
R1151	1.05	13.9362
R1152	1.057	13.9141
R1153	1.064	13.892
R1154	1.071	13.8696
R1155	1.078	13.847
R1156	1.085	13.8242
R1157	1.092	13.8012
R1158	1.099	13.7781
R1159	1.106	13.7547
R1160	1.113	13.7312
R1161	1.12	13.7074
R1162	1.127	13.6834
R1163	1.134	13.6592
R1164	1.141	13.6348
R1165	1.148	13.6102
R1166	1.155	13.5854

R1167	1.162	13.5604
R1168	1.169	13.5351
R1169	1.176	13.5096
R1170	1.183	13.4839
R1171	1.19	13.458
R1172	1.197	13.4319
R1173	1.204	13.4055
R1174	1.211	13.3789
R1175	1.218	13.3521
R1176	1.225	13.325
R1177	1.232	13.2978
R1178	1.239	13.2702
R1179	1.246	13.2425
R1180	1.253	13.2145
R1181	1.26	13.1863
R1182	1.267	13.1578
R1183	1.274	13.1291
R1184	1.281	13.1002
R1185	1.288	13.071
R1186	1.295	13.0416
R1187	1.302	13.012
R1188	1.309	12.9821
R1189	1.316	12.9519
R1190	1.323	12.9215
R1191	1.33	12.8909
R1192	1.337	12.8601

R1193	1.344	12.829
R1194	1.351	12.7976
R1195	1.358	12.766
R1196	1.365	12.7342
R1197	1.372	12.7021
R1198	1.379	12.6698
R1199	1.386	12.6373
R1200	1.393	12.6044
R1201	1.4	12.5714
R1202	1.407	12.5381
R1203	1.414	12.5046
R1204	1.421	12.4708
R1205	1.428	12.4368
R1206	1.435	12.4026
R1207	1.442	12.3681
R1208	1.449	12.3334
R1209	1.456	12.2985
R1210	1.463	12.2633
R1211	1.47	12.2279
R1212	1.477	12.1923
R1213	1.484	12.1564
R1214	1.491	12.1203
R1215	1.498	12.0839
R1216	1.505	12.0474
R1217	1.512	12.0106
R1218	1.519	11.9736

R1219	1.526	11.9364
R1220	1.533	11.8989
R1221	1.54	11.8613
R1222	1.547	11.8234
R1223	1.554	11.7853
R1224	1.561	11.747
R1225	1.568	11.7085
R1226	1.575	11.6698
R1227	1.582	11.6309
R1228	1.589	11.5917
R1229	1.596	11.5524
R1230	1.603	11.5129
R1231	1.61	11.4732
R1232	1.617	11.4333
R1233	1.624	11.3931
R1234	1.631	11.3529
R1235	1.638	11.3124
R1236	1.645	11.2718
R1237	1.652	11.2309
R1238	1.659	11.1899
R1239	1.666	11.1487
R1240	1.673	11.1074
R1241	1.68	11.0659
R1242	1.687	11.0241
R1243	1.694	10.9823
R1244	1.701	10.9403



R1245	1.708	10.8981
R1246	1.715	10.8558
R1247	1.722	10.8133
R1248	1.729	10.7707
R1249	1.736	10.728
R1250	1.743	10.6851
R1251	1.75	10.642
R1252	1.757	10.5989
R1253	1.764	10.5556
R1254	1.771	10.5122
R1255	1.778	10.4686
R1256	1.785	10.4249
R1257	1.792	10.3812
R1258	1.799	10.3373
R1259	1.806	10.2933
R1260	1.813	10.2492
R1261	1.82	10.205
R1262	1.827	10.1607
R1263	1.834	10.1162
R1264	1.841	10.0717
R1265	1.848	10.0272
R1266	1.855	9.9825
R1267	1.862	9.9378
R1268	1.869	9.8929
R1269	1.876	9.848
R1270	1.883	9.8031

R1271	1.89	9.758
R1272	1.897	9.7129
R1273	1.904	9.6678
R1274	1.911	9.6226
R1275	1.918	9.5773
R1276	1.925	9.532
R1277	1.932	9.4866
R1278	1.939	9.4412
R1279	1.946	9.3958
R1280	1.953	9.3504
R1281	1.96	9.3048
R1282	1.967	9.2593
R1283	1.974	9.2138
R1284	1.981	9.1682
R1285	1.988	9.1226
R1286	1.995	9.0771
R1287	2.002	9.0314
R1288	2.009	8.9859
R1289	2.016	8.9402
R1290	2.023	8.8946
R1291	2.03	8.849
R1292	2.037	8.8034
R1293	2.044	8.7579
R1294	2.051	8.7123
R1295	2.058	8.6668
R1296	2.065	8.6212

R1297	2.072	8.5757
R1298	2.079	8.5303
R1299	2.086	8.4848
R1300	2.093	8.4394
R1301	2.1	8.3941
R1302	2.107	8.3487
R1303	2.114	8.3035
R1304	2.121	8.2582
R1305	2.128	8.213
R1306	2.135	8.1679
R1307	2.142	8.1229
R1308	2.149	8.0779
R1309	2.156	8.0329
R1310	2.163	7.988
R1311	2.17	7.9432
R1312	2.177	7.8985
R1313	2.184	7.8538
R1314	2.191	7.8092
R1315	2.198	7.7647
R1316	2.205	7.7203
R1317	2.212	7.676
R1318	2.219	7.6317
R1319	2.226	7.5876
R1320	2.233	7.5435
R1321	2.24	7.4995
R1322	2.247	7.4556

R1323	2.254	7.4119
R1324	2.261	7.3682
R1325	2.268	7.3246
R1326	2.275	7.2812
R1327	2.282	7.2379
R1328	2.289	7.1946
R1329	2.296	7.1515
R1330	2.303	7.1085
R1331	2.31	7.0656
R1332	2.317	7.0229
R1333	2.324	6.9802
R1334	2.331	6.9377
R1335	2.338	6.8954
R1336	2.345	6.8531
R1337	2.352	6.811
R1338	2.359	6.769
R1339	2.366	6.7272
R1340	2.373	6.6854
R1341	2.38	6.6439
R1342	2.387	6.6024
R1343	2.394	6.5611
R1344	2.401	6.52
R1345	2.408	6.479
R1346	2.415	6.4381
R1347	2.422	6.3974
R1348	2.429	6.3569

R1349	2.436	6.3165
R1350	2.443	6.2762
R1351	2.45	6.2361
R1352	2.457	6.1962
R1353	2.464	6.1564
R1354	2.471	6.1168
R1355	2.478	6.0774
R1356	2.485	6.038
R1357	2.492	5.9989
R1358	2.499	5.9599
R1359	2.506	5.9211
R1360	2.513	5.8825
R1361	2.52	5.844
R1362	2.527	5.8057
R1363	2.534	5.7676
R1364	2.541	5.7296
R1365	2.548	5.6918
R1366	2.555	5.6541
R1367	2.562	5.6167
R1368	2.569	5.5794
R1369	2.576	5.5423
R1370	2.583	5.5053
R1371	2.59	5.4686
R1372	2.597	5.432
R1373	2.604	5.3956
R1374	2.611	5.3593

R1375	2.618	5.3233
R1376	2.625	5.2874
R1377	2.632	5.2517
R1378	2.639	5.2162
R1379	2.646	5.1808
R1380	2.653	5.1456
R1381	2.66	5.1107
R1382	2.667	5.0759
R1383	2.674	5.0413
R1384	2.681	5.0068
R1385	2.688	4.9725
R1386	2.695	4.9385
R1387	2.702	4.9045
R1388	2.709	4.8709
R1389	2.716	4.8373
R1390	2.723	4.804
R1391	2.73	4.7708
R1392	2.737	4.7378
R1393	2.744	4.705
R1394	2.751	4.6724
R1395	2.758	4.64
R1396	2.765	4.6077
R1397	2.772	4.5756
R1398	2.779	4.5437
R1399	2.786	4.512
R1400	2.793	4.4805

R1401	2.8	4.4491
R1402	2.807	4.418
R1403	2.814	4.387
R1404	2.821	4.3562
R1405	2.828	4.3255
R1406	2.835	4.2951
R1407	2.842	4.2649
R1408	2.849	4.2348
R1409	2.856	4.2049
R1410	2.863	4.1752
R1411	2.87	4.1457
R1412	2.877	4.1163
R1413	2.884	4.0871
R1414	2.891	4.0581
R1415	2.898	4.0293
R1416	2.905	4.0006
R1417	2.912	3.9722
R1418	2.919	3.9439
R1419	2.926	3.9158
R1420	2.933	3.8878
R1421	2.94	3.8601
R1422	2.947	3.8325
R1423	2.954	3.8051
R1424	2.961	3.7779
R1425	2.968	3.7508
R1426	2.975	3.7239

R1427	2.982	3.6972
R1428	2.989	3.6706
R1429	2.996	3.6443
R1430	3.003	3.6181
R1431	3.01	3.592
R1432	3.017	3.5662
R1433	3.024	3.5405
R1434	3.031	3.515
R1435	3.038	3.4896
R1436	3.045	3.4644
R1437	3.052	3.4394
R1438	3.059	3.4145
R1439	3.066	3.3899
R1440	3.073	3.3653
R1441	3.08	3.341
R1442	3.087	3.3168
R1443	3.094	3.2927
R1444	3.101	3.2689
R1445	3.108	3.2452
R1446	3.115	3.2216
R1447	3.122	3.1982
R1448	3.129	3.175
R1449	3.136	3.1519
R1450	3.143	3.129
R1451	3.15	3.1062
R1452	3.157	3.0836



R1453	3.164	3.0612
R1454	3.171	3.0389
R1455	3.178	3.0167
R1456	3.185	2.9947
R1457	3.192	2.9729
R1458	3.199	2.9512
R1459	3.206	2.9297
R1460	3.213	2.9083
R1461	3.22	2.887
R1462	3.227	2.866
R1463	3.234	2.845
R1464	3.241	2.8242
R1465	3.248	2.8036
R1466	3.255	2.7831
R1467	3.262	2.7627
R1468	3.269	2.7425
R1469	3.276	2.7224
R1470	3.283	2.7025
R1471	3.29	2.6827
R1472	3.297	2.6631
R1473	3.304	2.6436
R1474	3.311	2.6243
R1475	3.318	2.605
R1476	3.325	2.5859
R1477	3.332	2.5669
R1478	3.339	2.5481

R1479	3.346	2.5294
R1480	3.353	2.5109
R1481	3.36	2.4925
R1482	3.367	2.4742
R1483	3.374	2.456
R1484	3.381	2.438
R1485	3.388	2.4201
R1486	3.395	2.4024
R1487	3.402	2.3847
R1488	3.409	2.3672
R1489	3.416	2.3498
R1490	3.423	2.3326
R1491	3.43	2.3154
R1492	3.437	2.2984
R1493	3.444	2.2816
R1494	3.451	2.2648
R1495	3.458	2.2482
R1496	3.465	2.2317
R1497	3.472	2.2153
R1498	3.479	2.199
R1499	3.486	2.1828
R1500	3.493	2.1668
R1501	3.5	2.1509
R1502	3.507	2.1351
R1503	3.514	2.1194
R1504	3.521	2.1038

R1505	3.528	2.0884
R1506	3.535	2.073
R1507	3.542	2.0578
R1508	3.549	2.0426
R1509	3.556	2.0276
R1510	3.563	2.0127
R1511	3.57	1.998
R1512	3.577	1.9833
R1513	3.584	1.9687
R1514	3.591	1.9542
R1515	3.598	1.9399
R1516	3.605	1.9256
R1517	3.612	1.9115
R1518	3.619	1.8974
R1519	3.626	1.8835
R1520	3.633	1.8697
R1521	3.64	1.856
R1522	3.647	1.8423
R1523	3.654	1.8288
R1524	3.661	1.8154
R1525	3.668	1.802
R1526	3.675	1.7888
R1527	3.682	1.7757
R1528	3.689	1.7627
R1529	3.696	1.7497
R1530	3.703	1.7369

R1531	3.71	1.7241
R1532	3.717	1.7115
R1533	3.724	1.6989
R1534	3.731	1.6865
R1535	3.738	1.6741
R1536	3.745	1.6618
R1537	3.752	1.6496
R1538	3.759	1.6375
R1539	3.766	1.6255
R1540	3.773	1.6136
R1541	3.78	1.6018
R1542	3.787	1.5901
R1543	3.794	1.5784
R1544	3.801	1.5668
R1545	3.808	1.5553
R1546	3.815	1.5439
R1547	3.822	1.5326
R1548	3.829	1.5214
R1549	3.836	1.5103
R1550	3.843	1.4992
R1551	3.85	1.4882
R1552	3.857	1.4773
R1553	3.864	1.4665
R1554	3.871	1.4558
R1555	3.878	1.4452
R1556	3.885	1.4346

R1557	3.892	1.4241
R1558	3.899	1.4137
R1559	3.906	1.4033
R1560	3.913	1.3931
R1561	3.92	1.3829
R1562	3.927	1.3728
R1563	3.934	1.3627
R1564	3.941	1.3528
R1565	3.948	1.3429
R1566	3.955	1.3331
R1567	3.962	1.3234
R1568	3.969	1.3137
R1569	3.976	1.3041
R1570	3.983	1.2946
R1571	3.99	1.2851
R1572	3.997	1.2758
R1573	4.004	1.2665
R1574	4.011	1.2572
R1575	4.018	1.2481
R1576	4.025	1.2389
R1577	4.032	1.2299
R1578	4.039	1.221
R1579	4.046	1.212
R1580	4.053	1.2032
R1581	4.06	1.1944
R1582	4.067	1.1857

R1583	4.074	1.1771
R1584	4.081	1.1685
R1585	4.088	1.16
R1586	4.095	1.1516
R1587	4.102	1.1432
R1588	4.109	1.1349
R1589	4.116	1.1266
R1590	4.123	1.1184
R1591	4.13	1.1103
R1592	4.137	1.1022
R1593	4.144	1.0942
R1594	4.151	1.0863
R1595	4.158	1.0784
R1596	4.165	1.0705
R1597	4.172	1.0628
R1598	4.179	1.055
R1599	4.186	1.0474
R1600	4.193	1.0398
R1601	4.2	1.0322
R1602	4.207	1.0247
R1603	4.214	1.0173
R1604	4.221	1.0099
R1605	4.228	1.0026
R1606	4.235	0.9953
R1607	4.242	0.9881
R1608	4.249	0.9809

R1609	4.256	0.9738
R1610	4.263	0.9667
R1611	4.27	0.9598
R1612	4.277	0.9528
R1613	4.284	0.9459
R1614	4.291	0.9391
R1615	4.298	0.9323
R1616	4.305	0.9255
R1617	4.312	0.9188
R1618	4.319	0.9122
R1619	4.326	0.9056
R1620	4.333	0.899
R1621	4.34	0.8925
R1622	4.347	0.886
R1623	4.354	0.8797
R1624	4.361	0.8733
R1625	4.368	0.867
R1626	4.375	0.8607
R1627	4.382	0.8545
R1628	4.389	0.8483
R1629	4.396	0.8422
R1630	4.403	0.8361
R1631	4.41	0.8301
R1632	4.417	0.8241
R1633	4.424	0.8181
R1634	4.431	0.8123

R1635	4.438	0.8064
R1636	4.445	0.8005
R1637	4.452	0.7948
R1638	4.459	0.789
R1639	4.466	0.7834
R1640	4.473	0.7777
R1641	4.48	0.7721
R1642	4.487	0.7665
R1643	4.494	0.761
R1644	4.501	0.7555
R1645	4.508	0.7501
R1646	4.515	0.7447
R1647	4.522	0.7393
R1648	4.529	0.734
R1649	4.536	0.7287
R1650	4.543	0.7235
R1651	4.55	0.7183
R1652	4.557	0.7131
R1653	4.564	0.708
R1654	4.571	0.7029
R1655	4.578	0.6978
R1656	4.585	0.6928
R1657	4.592	0.6878
R1658	4.599	0.6829
R1659	4.606	0.678
R1660	4.613	0.6731



R1661	4.62	0.6683
R1662	4.627	0.6635
R1663	4.634	0.6587
R1664	4.641	0.654
R1665	4.648	0.6493
R1666	4.655	0.6446
R1667	4.662	0.64
R1668	4.669	0.6354
R1669	4.676	0.6309
R1670	4.683	0.6263
R1671	4.69	0.6218
R1672	4.697	0.6174
R1673	4.704	0.613
R1674	4.711	0.6086
R1675	4.718	0.6042
R1676	4.725	0.5999
R1677	4.732	0.5956
R1678	4.739	0.5913
R1679	4.746	0.5871
R1680	4.753	0.5829
R1681	4.76	0.5787
R1682	4.767	0.5746
R1683	4.774	0.5705
R1684	4.781	0.5664
R1685	4.788	0.5623
R1686	4.795	0.5583

R1687	4.802	0.5543
R1688	4.809	0.5503
R1689	4.816	0.5464
R1690	4.823	0.5425
R1691	4.83	0.5386
R1692	4.837	0.5348
R1693	4.844	0.5309
R1694	4.851	0.5271
R1695	4.858	0.5234
R1696	4.865	0.5196
R1697	4.872	0.5159
R1698	4.879	0.5122
R1699	4.886	0.5086
R1700	4.893	0.505
R1701	4.9	0.5013
R1702	4.907	0.4978
R1703	4.914	0.4942
R1704	4.921	0.4907
R1705	4.928	0.4872
R1706	4.935	0.4837
R1707	4.942	0.4803
R1708	4.949	0.4768
R1709	4.956	0.4734
R1710	4.963	0.4701
R1711	4.97	0.4667
R1712	4.977	0.4634

R1713	4.984	0.4601
R1714	4.991	0.4568
R1715	4.998	0.4535
R1716	5.005	0.4503
R1717	5.012	0.4471
R1718	5.019	0.4439
R1719	5.026	0.4408
R1720	5.033	0.4376
R1721	5.04	0.4345
R1722	5.047	0.4314
R1723	5.054	0.4283
R1724	5.061	0.4253
R1725	5.068	0.4222
R1726	5.075	0.4192
R1727	5.082	0.4163
R1728	5.089	0.4133
R1729	5.096	0.4104
R1730	5.103	0.4074
R1731	5.11	0.4046
R1732	5.117	0.4017
R1733	5.124	0.3988
R1734	5.131	0.396
R1735	5.138	0.3932
R1736	5.145	0.3904
R1737	5.152	0.3876
R1738	5.159	0.3848

R1739	5.166	0.3821
R1740	5.173	0.3794
R1741	5.18	0.3767
R1742	5.187	0.374
R1743	5.194	0.3714
R1744	5.201	0.3687
R1745	5.208	0.3661
R1746	5.215	0.3635
R1747	5.222	0.361
R1748	5.229	0.3584
R1749	5.236	0.3558
R1750	5.243	0.3533
R1751	5.25	0.3508
R1752	5.257	0.3483
R1753	5.264	0.3458
R1754	5.271	0.3434
R1755	5.278	0.341
R1756	5.285	0.3385
R1757	5.292	0.3361
R1758	5.299	0.3337
R1759	5.306	0.3314
R1760	5.313	0.3291
R1761	5.32	0.3267
R1762	5.327	0.3244
R1763	5.334	0.3221
R1764	5.341	0.3198

R1765	5.348	0.3176
R1766	5.355	0.3153
R1767	5.362	0.3131
R1768	5.369	0.3108
R1769	5.376	0.3086
R1770	5.383	0.3064
R1771	5.39	0.3043
R1772	5.397	0.3021
R1773	5.404	0.3
R1774	5.411	0.2979
R1775	5.418	0.2958
R1776	5.425	0.2937
R1777	5.432	0.2916
R1778	5.439	0.2895
R1779	5.446	0.2875
R1780	5.453	0.2854
R1781	5.46	0.2834
R1782	5.467	0.2814
R1783	5.474	0.2794
R1784	5.481	0.2775
R1785	5.488	0.2755
R1786	5.495	0.2735
R1787	5.502	0.2716
R1788	5.509	0.2697
R1789	5.516	0.2678
R1790	5.523	0.2659

R1791	5.53	0.264
R1792	5.537	0.2621
R1793	5.544	0.2603
R1794	5.551	0.2584
R1795	5.558	0.2566
R1796	5.565	0.2548
R1797	5.572	0.253
R1798	5.579	0.2512
R1799	5.586	0.2495
R1800	5.593	0.2477
R1801	5.6	0.2459
R1802	5.607	0.2442
R1803	5.614	0.2425
R1804	5.621	0.2408
R1805	5.628	0.2391
R1806	5.635	0.2374
R1807	5.642	0.2357
R1808	5.649	0.234
R1809	5.656	0.2324
R1810	5.663	0.2307
R1811	5.67	0.2291
R1812	5.677	0.2275
R1813	5.684	0.2259
R1814	5.691	0.2243
R1815	5.698	0.2227
R1816	5.705	0.2212

R1817	5.712	0.2196
R1818	5.719	0.218
R1819	5.726	0.2165
R1820	5.733	0.215
R1821	5.74	0.2134
R1822	5.747	0.212
R1823	5.754	0.2105
R1824	5.761	0.209
R1825	5.768	0.2075
R1826	5.775	0.206
R1827	5.782	0.2046
R1828	5.789	0.2031
R1829	5.796	0.2017
R1830	5.803	0.2003
R1831	5.81	0.1989
R1832	5.817	0.1975
R1833	5.824	0.1961
R1834	5.831	0.1947
R1835	5.838	0.1933
R1836	5.845	0.1919
R1837	5.852	0.1906
R1838	5.859	0.1893
R1839	5.866	0.1879
R1840	5.873	0.1866
R1841	5.88	0.1853
R1842	5.887	0.184

R1843	5.894	0.1827
R1844	5.901	0.1814
R1845	5.908	0.1801
R1846	5.915	0.1789
R1847	5.922	0.1776
R1848	5.929	0.1764
R1849	5.936	0.1751
R1850	5.943	0.1739
R1851	5.95	0.1727
R1852	5.957	0.1714
R1853	5.964	0.1702
R1854	5.971	0.1691
R1855	5.978	0.1678
R1856	5.985	0.1667
R1857	5.992	0.1655
R1858	5.999	0.1644
R1859	6.006	0.1632
R1860	6.013	0.162
R1861	6.02	0.1609
R1862	6.027	0.1598
R1863	6.034	0.1586
R1864	6.041	0.1575
R1865	6.048	0.1564
R1866	6.055	0.1553
R1867	6.062	0.1542
R1868	6.069	0.1532



R1869	6.076	0.1521
R1870	6.083	0.151
R1871	6.09	0.1499
R1872	6.097	0.1489
R1873	6.104	0.1478
R1874	6.111	0.1468
R1875	6.118	0.1458
R1876	6.125	0.1448
R1877	6.132	0.1437
R1878	6.139	0.1427
R1879	6.146	0.1417
R1880	6.153	0.1407
R1881	6.16	0.1397
R1882	6.167	0.1387
R1883	6.174	0.1377
R1884	6.181	0.1368
R1885	6.188	0.1358
R1886	6.195	0.1349
R1887	6.202	0.1339
R1888	6.209	0.133
R1889	6.216	0.1321
R1890	6.223	0.1311
R1891	6.23	0.1302
R1892	6.237	0.1293
R1893	6.244	0.1284
R1894	6.251	0.1275

R1895	6.258	0.1266
R1896	6.265	0.1257
R1897	6.272	0.1248
R1898	6.279	0.1239
R1899	6.286	0.1231
R1900	6.293	0.1222
R1901	6.3	0.1213
R1902	6.307	0.1205
R1903	6.314	0.1196
R1904	6.321	0.1188
R1905	6.328	0.118
R1906	6.335	0.1172
R1907	6.342	0.1163
R1908	6.349	0.1155
R1909	6.356	0.1147
R1910	6.363	0.1139
R1911	6.37	0.1131
R1912	6.377	0.1123
R1913	6.384	0.1115
R1914	6.391	0.1107
R1915	6.398	0.11
R1916	6.405	0.1092
R1917	6.412	0.1084
R1918	6.419	0.1077
R1919	6.426	0.1069
R1920	6.433	0.1061

R1921	6.44	0.1054
R1922	6.447	0.1047
R1923	6.454	0.1039
R1924	6.461	0.1032
R1925	6.468	0.1025
R1926	6.475	0.1017
R1927	6.482	0.101
R1928	6.489	0.1003
R1929	6.496	0.0997
R1930	6.503	0.0989
R1931	6.51	0.0982
R1932	6.517	0.0975
R1933	6.524	0.0968
R1934	6.531	0.0962
R1935	6.538	0.0955
R1936	6.545	0.0948
R1937	6.552	0.0942
R1938	6.559	0.0935
R1939	6.566	0.0929
R1940	6.573	0.0922
R1941	6.58	0.0916
R1942	6.587	0.0909
R1943	6.594	0.0903
R1944	6.601	0.0896
R1945	6.608	0.089
R1946	6.615	0.0884

R1947	6.622	0.0878
R1948	6.629	0.0872
R1949	6.636	0.0866
R1950	6.643	0.0859
R1951	6.65	0.0853
R1952	6.657	0.0847
R1953	6.664	0.0841
R1954	6.671	0.0836
R1955	6.678	0.083
R1956	6.685	0.0824
R1957	6.692	0.0818
R1958	6.699	0.0812
R1959	6.706	0.0807
R1960	6.713	0.0801
R1961	6.72	0.0795
R1962	6.727	0.079
R1963	6.734	0.0784
R1964	6.741	0.0779
R1965	6.748	0.0773
R1966	6.755	0.0768
R1967	6.762	0.0762
R1968	6.769	0.0757
R1969	6.776	0.0752
R1970	6.783	0.0747
R1971	6.79	0.0741
R1972	6.797	0.0736

R1973	6.804	0.0731
R1974	6.811	0.0726
R1975	6.818	0.0721
R1976	6.825	0.0716
R1977	6.832	0.0711
R1978	6.839	0.0706
R1979	6.846	0.0701
R1980	6.853	0.0696
R1981	6.86	0.0691
R1982	6.867	0.0686
R1983	6.874	0.0681
R1984	6.881	0.0676
R1985	6.888	0.0672
R1986	6.895	0.0667
R1987	6.902	0.0663
R1988	6.909	0.0658
R1989	6.916	0.0653
R1990	6.923	0.0649
R1991	6.93	0.0644
R1992	6.937	0.064
R1993	6.944	0.0635
R1994	6.951	0.0631
R1995	6.958	0.0626
R1996	6.965	0.0622
R1997	6.972	0.0618
R1998	6.979	0.0613

R1999 6.986 0.0609

R2000 6.993 0.0605

R2001 7 0.0601