

**FY 2014 IPPS Final Rule: Hospital Readmissions Reduction Program-Supplemental Data**

<b>PROV</b>	<b>FY 2014 Readmissions Adjustment Factor</b>	<b>Number of Pneumonia Cases</b>	<b>Excess Readmission Ratio for Pneumonia</b>	<b>Number of Heart Failure Cases</b>	<b>Excess Readmission Ratio for Heart Failure</b>	<b>Number of Acute Myocardial Infarction Cases</b>	<b>Acute Myocardial Infarction Excess Readmission Ratio</b>
010001	1.0000	368	0.968954	901	0.912972	747	0.980807
010005	1.0000	331	0.937659	248	0.945339	18	0.000000
010006	1.0000	793	0.942541	652	0.824785	310	0.927480
010007	0.9944	220	1.043892	115	1.068507	5	0.000000
010008	1.0000	57	0.981442	51	0.989199	4	0.000000
010009	0.9981	88	1.025793	109	1.007290	9	0.000000
010010	0.9972	291	1.054462	150	0.950906	10	0.000000
010011	0.9999	484	0.973534	388	0.903865	239	1.002744
010012	0.9969	240	0.955323	148	1.076317	85	1.035684
010016	0.9981	331	0.934693	309	1.020497	234	1.040508
010018	1.0000	0	0.000000	0	0.000000	0	0.000000
010019	0.9999	334	0.949599	305	0.908479	36	1.030298
010021	1.0000	166	0.997828	90	0.932117	17	0.000000
010022	0.9986	97	1.019402	57	1.005998	3	0.000000
010023	0.9973	193	1.048304	537	1.013574	385	1.056159
010024	0.9994	311	1.037419	537	0.980810	246	0.861595
010025	0.9989	114	0.985481	211	1.014083	53	1.023740
010027	1.0000	65	0.944919	23	0.000000	2	0.000000
010029	0.9949	264	0.890769	782	0.959307	309	1.175491
010032	0.9866	114	1.100867	60	1.037985	5	0.000000
010033	0.9975	440	1.200670	568	0.999141	273	1.117085
010034	0.9944	98	1.047101	111	1.075421	12	0.000000
010035	0.9984	456	0.987316	490	1.038959	106	0.917817
010036	0.9967	270	1.067091	188	0.949321	6	0.000000
010038	0.9985	231	1.023844	229	1.013581	48	1.017116
010039	1.0000	944	0.904497	1723	0.959744	1150	0.915388
010040	0.9953	437	0.999473	459	1.028922	210	1.171095
010043	0.9961	69	1.039713	36	0.981579	2	0.000000
010044	0.9998	182	0.945302	69	1.004864	5	0.000000
010045	0.9966	161	1.049273	113	0.932771	14	0.000000
010046	0.9903	361	1.086666	445	1.223802	121	0.985673
010047	0.9969	118	0.960130	85	1.070216	19	0.000000
010049	0.9977	187	1.048282	173	1.021303	23	0.000000
010050	0.9962	150	0.938734	64	1.093659	10	0.000000
010051	0.9907	37	1.035720	43	1.129753	0	0.000000
010052	0.9970	94	1.039263	46	1.011505	5	0.000000
010054	0.9907	250	1.118794	238	1.090327	13	0.000000
010055	0.9955	463	1.011753	592	1.039530	326	1.092960
010056	0.9975	494	1.064854	550	1.038477	278	1.042302
010058	0.9995	47	1.005036	24	0.000000	1	0.000000
010059	0.9979	148	0.962509	93	1.059043	21	0.000000
010061	0.9947	390	1.062484	146	1.026715	19	0.000000
010062	0.9974	210	1.024789	113	0.927259	8	0.000000
010065	0.9989	196	0.987853	197	0.954600	65	1.051947
010066	0.9936	80	0.946687	63	1.067820	0	0.000000
010069	0.9963	119	1.050097	117	1.017230	3	0.000000
010073	0.9960	113	0.930633	74	1.099876	17	0.000000
010078	0.9960	425	1.043767	712	0.999095	448	1.071651
010079	1.0000	237	0.911621	201	0.961300	15	0.000000
010083	0.9999	284	0.849926	341	1.002294	37	0.966104
010085	0.9999	362	1.002758	477	0.867249	45	0.927677
010086	0.9962	253	1.059914	93	0.949383	17	0.000000
010087	1.0000	23	0.000000	27	0.962057	11	0.000000
010089	1.0000	299	0.934740	245	0.900163	48	1.002179
010090	0.9991	499	0.965764	590	0.889083	210	1.045049
010091	0.9993	42	0.929024	62	1.012369	0	0.000000
010092	0.9957	830	1.063995	1072	1.037846	403	1.106521
010095	1.0000	38	0.998239	52	0.956790	4	0.000000
010097	0.9958	69	1.049005	50	1.060925	13	0.000000
010099	0.9939	167	1.063381	104	1.089900	10	0.000000
010100	0.9966	189	0.916572	365	0.922768	194	1.083216
010101	0.9999	111	0.941289	145	0.987687	25	1.012759
010102	1.0000	42	0.952275	19	0.000000	2	0.000000
010103	0.9974	345	1.029041	479	0.955020	355	1.062464
010104	0.9994	300	0.884296	385	0.858982	349	1.019527
010108	0.9886	183	1.096006	140	1.094991	19	0.000000
010109	0.9990	156	0.952834	58	1.035536	7	0.000000
010110	0.9979	25	0.972601	47	1.066769	2	0.000000

010112	0.9968	146	0.994341	144	1.091310	9	0.000000
010113	0.9967	629	1.045352	958	1.059736	253	1.063592
010114	0.9989	219	1.019453	229	0.950468	88	1.033077
010118	0.9909	233	1.051143	386	1.095646	123	1.139940
010120	0.9982	178	0.974325	122	1.033815	18	0.000000
010125	0.9992	345	1.007795	126	0.925055	9	0.000000
010126	0.9886	124	1.181968	126	1.060803	8	0.000000
010128	0.9987	62	0.898019	39	1.033265	2	0.000000
010129	0.9998	93	0.995921	47	1.007439	7	0.000000
010130	0.9905	171	1.076682	95	0.945692	5	0.000000
010131	0.9996	340	0.977626	333	0.897819	170	1.025183
010137	1.0000	7	0.000000	12	0.000000	1	0.000000
010138	1.0000	8	0.000000	14	0.000000	1	0.000000
010139	0.9996	516	0.942998	476	1.014839	275	1.002348
010144	0.9973	199	0.992308	440	0.921058	131	1.090470
010146	1.0000	122	0.994427	47	0.974301	15	0.000000
010148	0.9880	73	1.013676	166	1.203306	7	0.000000
010149	0.9988	235	0.881792	344	1.028630	47	0.969829
010150	1.0000	89	0.923214	113	0.927724	12	0.000000
010152	1.0000	54	0.953432	54	1.001043	5	0.000000
010157	0.9996	163	0.963927	79	1.012824	2	0.000000
010158	0.9944	226	1.041020	132	1.108356	28	1.045362
010164	0.9978	268	1.036638	202	0.969275	28	1.042046
010168	0.9998	45	1.033041	31	0.957390	3	0.000000
010169	0.9892	102	1.040038	191	1.103620	10	0.000000
020001	1.0000	279	0.866396	443	0.863559	328	0.904675
020006	0.9999	212	0.996408	147	0.986291	62	1.003626
020008	1.0000	84	0.994400	50	0.928150	14	0.000000
020012	1.0000	113	0.941242	104	0.941182	66	0.928261
020017	0.9999	67	0.974470	80	1.011239	96	0.926029
020018	0.9973	156	0.890604	38	1.053825	2	0.000000
020024	0.9991	110	0.888438	76	1.037792	15	0.000000
020026	0.9955	172	1.091404	93	1.056736	31	1.085781
020027	1.0000	36	0.986367	18	0.000000	1	0.000000
030001	0.9991	39	0.978602	32	1.057690	10	0.000000
030002	0.9997	193	1.000556	413	0.804697	230	1.014279
030006	0.9992	473	1.031148	512	0.962381	416	1.004641
030007	1.0000	213	0.961122	166	0.927805	120	0.928589
030010	1.0000	220	0.971805	221	0.781622	168	0.980013
030011	0.9990	416	1.039136	367	0.873683	180	0.935937
030012	1.0000	432	0.997856	259	0.983830	319	0.866999
030013	0.9955	972	1.098805	587	0.919879	543	0.870020
030014	1.0000	175	0.983282	289	0.970320	89	0.930199
030016	0.9950	298	1.103034	164	1.052432	52	1.022477
030022	1.0000	26	0.999761	22	0.000000	9	0.000000
030023	1.0000	263	0.853780	213	0.954045	179	0.939450
030024	1.0000	166	0.979328	223	0.951045	159	0.962734
030030	0.9984	94	1.030429	190	1.042228	148	0.997742
030033	1.0000	84	0.950859	97	0.948034	13	0.000000
030036	0.9964	394	1.096310	364	0.922766	255	1.034460
030037	0.9999	48	0.962541	72	0.970638	47	1.005370
030038	0.9999	385	0.981718	461	1.003277	180	0.861007
030043	0.9948	251	1.036477	231	1.087201	97	0.953470
030055	0.9992	460	1.018716	362	0.959657	163	0.862947
030061	0.9986	620	0.897439	825	0.857985	513	1.044826
030062	1.0000	157	0.931926	84	0.915043	47	0.987415
030064	0.9960	326	0.980283	323	1.056469	245	1.112344
030065	0.9955	346	1.096606	400	1.086319	188	1.051882
030067	0.9921	132	1.078358	64	0.919370	41	1.026232
030068	1.0000	169	1.000047	53	0.992300	10	0.000000
030069	1.0000	251	0.973940	324	0.955348	226	0.983691
030071	1.0000	191	0.978425	30	1.001183	3	0.000000
030073	0.9986	198	0.963261	63	1.050868	4	0.000000
030074	1.0000	11	0.000000	0	0.000000	0	0.000000
030077	1.0000	2	0.000000	0	0.000000	0	0.000000
030078	1.0000	38	0.991487	5	0.000000	0	0.000000
030083	0.9990	134	0.992107	84	1.048125	47	0.962666
030084	0.9969	170	0.982834	48	1.087585	9	0.000000
030085	0.9994	500	0.942767	331	0.854744	174	1.031074
030087	0.9998	568	1.011244	555	0.988530	295	0.858466
030088	0.9963	672	1.005433	491	1.186728	32	1.003907
030089	0.9931	390	1.118180	491	1.067063	181	1.138452
030092	1.0000	207	0.901644	220	0.989878	128	0.982048
030093	0.9986	637	1.038857	599	0.961702	365	1.011163
030094	0.9997	208	1.013213	162	0.980035	72	0.945219

030100	0.9941	90	0.944851	268	0.937110	263	1.053748
030101	0.9942	211	1.108304	369	1.088831	157	0.976584
030103	1.0000	534	0.963078	483	0.997597	236	0.983138
030105	0.9970	29	1.037469	898	0.994447	486	1.041461
030107	1.0000	0	0.000000	0	0.000000	0	0.000000
030108	1.0000	0	0.000000	0	0.000000	0	0.000000
030110	0.9982	170	0.968991	145	0.969141	117	1.042136
030111	1.0000	65	0.986017	51	0.978075	64	0.960877
030112	1.0000	0	0.000000	0	0.000000	0	0.000000
030113	1.0000	79	0.912757	16	0.000000	1	0.000000
030114	0.9988	208	1.042367	157	0.997332	113	0.936024
030115	0.9948	269	1.046008	211	1.033082	95	1.138719
030117	0.9981	111	1.067284	137	1.011471	56	0.938811
030118	1.0000	191	0.964028	102	0.928313	18	0.000000
030119	1.0000	315	0.835612	270	0.970313	103	0.942929
030120	0.9984	116	0.966437	66	1.038019	2	0.000000
030121	0.9963	294	1.053540	273	1.067100	156	0.981429
030122	0.9994	155	0.941682	162	1.031326	22	0.000000
030123	1.0000	139	0.988083	107	0.932206	14	0.000000
030126	0.9935	84	1.014395	143	0.979059	87	1.112515
030130	0.9993	32	1.016499	15	0.000000	0	0.000000
030131	1.0000	0	0.000000	0	0.000000	0	0.000000
030132	1.0000	2	0.000000	3	0.000000	0	0.000000
040001	0.9917	183	1.080761	91	1.091129	8	0.000000
040002	0.9920	190	1.109795	84	0.971291	33	1.004183
040004	1.0000	454	0.912544	550	0.927308	306	0.912903
040007	0.9991	426	0.979083	718	1.037690	163	0.962497
040010	0.9968	301	1.034457	352	0.882609	215	1.067902
040011	0.9871	107	1.217969	121	1.157512	37	1.080203
040014	0.9854	812	1.233588	697	1.111683	242	0.995860
040015	1.0000	153	0.933997	90	0.961604	6	0.000000
040016	0.9972	384	1.084543	230	1.060753	119	1.121925
040017	0.9977	723	1.004417	200	1.041979	35	1.084785
040018	0.9932	143	1.109448	72	1.024893	10	0.000000
040019	0.9968	85	1.020711	70	1.054614	11	0.000000
040020	1.0000	577	0.907657	684	0.897201	403	0.997060
040022	0.9969	468	1.034691	633	1.040850	318	1.021639
040026	1.0000	834	0.913822	670	0.974319	249	0.905579
040027	0.9815	804	1.214497	564	1.068246	374	1.189946
040029	0.9989	457	1.031509	222	0.903710	194	0.937625
040036	0.9941	521	1.075655	632	1.128592	333	0.989395
040039	0.9868	398	1.028397	254	1.164676	166	1.123553
040041	0.9977	334	0.890459	259	1.041163	73	1.057083
040042	0.9964	188	1.090913	217	0.993301	19	0.000000
040047	0.9800	262	1.092299	104	1.108122	6	0.000000
040050	1.0000	106	0.945334	138	0.987804	6	0.000000
040051	0.9962	272	1.038224	127	0.955852	8	0.000000
040055	0.9938	608	0.882864	604	1.068815	398	1.133490
040062	1.0000	513	0.848702	547	0.975456	322	0.858223
040067	0.9905	106	0.944282	175	1.151958	4	0.000000
040069	0.9830	121	1.198291	62	1.048178	8	0.000000
040071	0.9979	254	1.027050	239	1.092313	148	0.968911
040072	0.9946	89	0.968149	133	1.109957	18	0.000000
040074	0.9949	179	1.018983	105	1.076173	14	0.000000
040076	0.9862	362	1.080210	113	1.115665	8	0.000000
040078	0.9949	305	1.032652	278	1.098688	85	1.084002
040080	0.9873	197	1.119605	156	1.102388	6	0.000000
040084	0.9960	320	1.067479	252	1.038868	117	0.974741
040085	0.9912	107	1.022268	207	1.103023	5	0.000000
040088	0.9962	259	0.930320	348	1.111063	131	0.958505
040091	0.9800	207	1.156519	182	1.271227	14	0.000000
040114	0.9990	727	1.066618	1130	0.937598	594	0.997940
040118	0.9964	453	0.895539	397	1.099535	174	0.998630
040119	0.9928	637	1.077160	550	1.046890	260	1.062253
040134	0.9990	123	0.981033	811	1.004582	644	1.014112
040137	0.9983	149	0.927802	170	1.036302	11	0.000000
040147	1.0000	0	0.000000	0	0.000000	0	0.000000
040152	1.0000	3	0.000000	2	0.000000	0	0.000000
050002	0.9942	123	1.038070	251	1.101664	104	1.078790
050006	1.0000	203	0.840194	223	0.855932	176	0.849473
050007	0.9994	380	1.026689	435	0.969238	156	0.949510
050008	0.9999	55	0.983387	53	1.004454	5	0.000000
050009	1.0000	317	0.905178	457	0.912265	167	0.956088
050013	0.9999	140	1.005730	210	0.861219	97	0.911507
050014	1.0000	172	0.878260	136	0.924657	12	0.000000

050016	0.9989	137	0.936770	164	1.038234	18	0.000000
050017	1.0000	237	0.989703	388	0.921515	584	0.991597
050018	0.9981	116	0.998702	199	1.037184	22	0.000000
050022	0.9949	329	1.044295	469	1.084820	383	1.044553
050024	0.9992	197	0.991970	307	1.012324	47	1.072381
050025	0.9973	288	1.133374	312	1.081996	228	0.986264
050026	0.9980	556	1.028670	761	1.035522	254	1.026773
050028	1.0000	154	0.924127	61	0.994345	7	0.000000
050030	0.9919	412	1.171180	425	1.029273	77	1.070841
050036	0.9968	282	0.987146	340	1.064387	188	1.068904
050038	0.9995	126	0.942571	167	1.030233	80	0.935741
050039	0.9968	659	1.068601	454	1.050044	435	1.017519
050040	0.9981	53	1.069466	61	1.006867	11	0.000000
050042	1.0000	221	0.901534	169	0.828368	34	0.995963
050043	0.9980	383	1.064203	548	0.973068	303	1.029491
050045	0.9938	280	1.111516	320	1.030181	85	1.065550
050046	1.0000	72	0.909929	26	0.916721	5	0.000000
050047	1.0000	341	0.952829	546	0.952227	205	0.965983
050054	0.9984	183	0.982754	101	1.038583	44	0.999581
050055	0.9980	118	1.060063	143	0.980120	14	0.000000
050056	0.9975	328	1.128898	397	0.991835	209	0.968839
050057	0.9982	868	0.896793	662	0.939318	385	1.054291
050058	0.9914	385	0.988981	630	1.104656	216	1.095624
050060	0.9951	428	1.114247	510	1.115181	453	1.039102
050063	0.9972	271	1.030076	424	1.028887	108	1.077430
050067	0.9971	61	1.026439	45	1.046316	8	0.000000
050069	1.0000	295	0.880845	477	0.950607	180	0.884363
050070	1.0000	10	0.000000	6	0.000000	1	0.000000
050071	0.9993	9	0.000000	28	1.080764	17	0.000000
050072	1.0000	6	0.000000	12	0.000000	5	0.000000
050073	0.9999	27	0.985453	29	1.013941	4	0.000000
050075	0.9998	19	0.000000	41	1.017014	9	0.000000
050076	1.0000	4	0.000000	7	0.000000	23	0.000000
050077	0.9989	582	1.002284	742	1.036164	265	0.907501
050078	0.9991	147	1.019871	129	0.939947	25	1.076683
050079	1.0000	197	0.895254	342	0.952788	150	0.959444
050082	0.9999	420	0.950369	479	0.936038	235	1.003175
050084	0.9983	614	0.944856	651	1.029892	304	1.032385
050089	0.9992	108	1.012699	88	1.023472	17	0.000000
050090	1.0000	87	0.904526	130	0.823160	22	0.000000
050091	0.9990	39	1.049562	120	0.973220	2	0.000000
050093	0.9983	1104	1.001132	1349	1.037316	526	1.012103
050096	1.0000	1	0.000000	1	0.000000	0	0.000000
050099	1.0000	448	0.815811	474	0.940204	229	0.986466
050100	0.9992	473	0.967488	497	0.941778	240	1.041692
050101	1.0000	98	0.919714	119	0.992409	28	0.981761
050102	0.9996	200	1.012962	137	0.981036	26	0.991837
050103	0.9990	236	0.948939	329	0.991660	120	1.055729
050104	0.9999	117	0.955706	316	0.895593	55	1.010445
050107	1.0000	230	0.910336	266	0.971332	162	0.904158
050108	1.0000	354	0.959801	518	0.948071	431	0.946450
050110	1.0000	169	0.928785	100	0.922648	16	0.000000
050111	1.0000	93	0.983199	136	0.997300	40	1.000066
050112	0.9942	402	1.161294	370	1.075345	135	1.031566
050113	1.0000	25	0.993790	17	0.000000	6	0.000000
050115	0.9999	276	0.941886	369	1.006181	221	0.911600
050116	1.0000	364	0.958622	565	0.984133	255	0.975764
050118	0.9907	223	1.026570	213	1.214287	25	1.071152
050121	0.9984	496	1.011037	502	1.030854	55	0.995959
050122	0.9990	159	0.941209	112	1.031338	56	1.030482
050124	1.0000	219	0.944098	197	0.943660	47	0.997003
050125	0.9989	441	0.959673	511	1.030198	219	0.960654
050126	0.9965	214	0.988905	461	1.096215	196	0.944041
050127	0.9994	105	1.018919	67	0.891245	24	0.000000
050128	1.0000	516	0.906520	475	0.917479	239	0.942614
050129	0.9980	253	0.913355	294	0.980248	312	1.044680
050131	1.0000	86	0.946127	123	0.893813	23	0.000000
050132	0.9888	368	1.209913	334	1.011623	44	1.112763
050133	0.9975	732	1.068299	595	0.951050	271	0.965300
050135	0.9999	90	0.963704	39	0.973633	25	1.033690
050136	0.9998	201	1.004235	140	0.923495	92	0.963794
050137	0.9975	14	0.000000	32	1.112942	5	0.000000
050138	1.0000	13	0.000000	18	0.000000	34	0.972388
050139	1.0000	11	0.000000	18	0.000000	6	0.000000
050140	1.0000	35	0.975746	37	0.934070	6	0.000000

050145	1.0000	514	0.937746	452	0.807535	194	0.905600
050149	0.9958	80	1.053587	205	1.094641	15	0.000000
050150	0.9925	390	1.135771	300	1.055146	87	0.978999
050152	0.9958	226	1.120363	158	0.977501	16	0.000000
050153	0.9985	350	0.944526	515	0.960307	193	1.052109
050158	0.9979	58	0.988925	96	1.071842	32	0.973589
050159	1.0000	100	0.914960	74	0.952469	14	0.000000
050167	1.0000	64	0.990339	80	0.967355	15	0.000000
050168	1.0000	409	0.954249	687	0.937336	299	0.942670
050169	0.9999	285	0.930177	406	1.004246	373	0.985676
050174	1.0000	389	0.901877	536	0.795684	295	0.834179
050179	0.9928	415	1.117402	381	1.036422	137	1.090394
050180	1.0000	447	0.954758	578	0.789853	234	0.953588
050189	0.9993	51	0.971066	47	1.013386	1	0.000000
050191	0.9988	185	0.973901	201	1.010309	83	1.046678
050192	0.9988	95	1.011806	51	0.993313	4	0.000000
050194	0.9969	208	1.080710	231	0.979329	34	1.019375
050195	0.9928	503	1.144214	508	1.096796	235	1.021236
050196	0.9988	39	1.031753	39	0.912852	3	0.000000
050197	0.9997	262	0.949364	425	1.007659	108	0.882668
050204	0.9984	182	0.906880	276	1.044954	101	0.999482
050205	1.0000	148	0.942930	49	0.918893	26	0.979558
050211	0.9971	216	1.003165	216	1.042589	67	1.030289
050222	1.0000	374	0.870760	686	0.924127	196	0.914440
050224	0.9999	726	1.005486	608	0.943607	291	0.916798
050225	1.0000	305	0.885478	247	0.884332	94	0.943672
050226	0.9973	295	0.960312	376	0.950923	110	1.137743
050228	0.9975	133	0.958264	166	1.093975	60	1.052049
050230	0.9999	131	0.951945	103	1.006136	76	0.927758
050231	0.9975	189	1.039344	397	1.060934	118	0.855213
050232	0.9992	170	0.863932	239	1.027518	258	0.895453
050234	0.9999	46	1.004191	87	0.938648	9	0.000000
050235	0.9987	417	1.061800	853	0.934500	217	1.007610
050236	0.9946	197	0.858200	248	1.062944	91	1.141006
050238	1.0000	496	0.916000	682	0.887797	286	0.976129
050239	0.9944	564	1.036923	630	1.073892	342	1.057082
050242	1.0000	355	0.883271	432	0.820894	220	0.950108
050243	1.0000	264	0.933429	296	0.946880	226	0.947142
050245	0.9981	107	1.099707	137	1.019855	25	0.976567
050248	0.9988	102	0.986642	78	1.045060	14	0.000000
050254	0.9965	330	1.077234	278	1.003255	46	0.911516
050257	0.9991	55	0.959672	39	1.066602	0	0.000000
050261	0.9998	436	0.894999	313	0.985791	73	1.016318
050262	0.9981	233	1.010599	368	1.003942	186	1.155146
050272	0.9979	316	1.036383	163	0.998292	51	1.028250
050276	0.9983	75	1.068529	81	0.958207	4	0.000000
050277	0.9986	88	1.002103	70	1.100614	8	0.000000
050278	0.9973	434	0.986174	541	1.040088	136	1.077884
050279	0.9973	150	1.051775	112	0.969443	15	0.000000
050280	1.0000	573	0.816413	565	0.797426	403	0.836899
050281	0.9999	297	0.916514	140	1.002726	49	0.977014
050283	0.9981	348	0.961381	301	1.014021	145	1.047444
050289	0.9951	296	1.026854	515	1.007856	128	1.152751
050290	0.9979	573	0.964048	489	1.086289	217	0.873301
050291	1.0000	78	1.001412	171	0.863103	160	0.865409
050292	0.9973	112	1.071890	110	1.065620	29	0.980447
050295	0.9961	385	1.058296	162	1.109704	26	1.027810
050296	0.9936	154	1.045783	118	1.082641	17	0.000000
050298	0.9985	106	1.036070	169	0.914244	16	0.000000
050300	0.9939	296	1.057510	457	1.109340	284	1.039116
050301	0.9993	222	0.920146	216	1.017128	11	0.000000
050305	0.9990	211	1.048216	316	0.929976	70	1.036425
050308	1.0000	526	0.987015	651	0.879347	197	0.916988
050309	1.0000	468	0.954235	444	0.860641	230	0.801663
050313	0.9984	138	0.947493	133	1.057627	15	0.000000
050315	0.9995	15	0.000000	28	1.046043	5	0.000000
050320	0.9980	40	0.986754	69	1.119397	11	0.000000
050324	0.9981	303	1.119407	362	0.953375	240	0.881873
050327	0.9969	210	1.048947	506	1.113392	226	1.012987
050329	0.9969	222	1.060172	269	1.013614	45	1.074111
050334	1.0000	349	0.919788	583	0.964533	280	0.935618
050335	1.0000	368	0.899936	194	0.855393	66	0.977247
050336	0.9994	437	1.015024	377	0.967151	85	0.993655
050342	0.9967	318	1.000942	235	1.073332	42	1.060639
050348	0.9989	127	1.046267	168	0.949798	57	1.089226

050349	1.0000	10	0.000000	7	0.000000	1	0.000000
050350	0.9967	260	1.022346	397	0.977654	99	1.137036
050351	0.9975	485	1.054413	642	1.009317	288	1.037796
050352	1.0000	82	0.997132	61	0.932611	10	0.000000
050353	0.9941	429	1.042303	595	1.066891	261	1.107624
050357	1.0000	57	0.935668	57	0.961729	3	0.000000
050359	0.9972	240	0.966737	162	1.068540	36	1.053766
050360	1.0000	394	0.924666	346	0.985197	244	0.911833
050367	0.9914	251	1.102515	244	1.160252	102	1.032711
050373	0.9989	55	1.053422	65	1.044165	24	0.000000
050376	0.9999	37	1.004814	62	1.005500	41	0.975387
050378	0.9969	78	1.085984	89	1.032095	7	0.000000
050380	0.9993	373	0.895359	560	1.008785	263	1.015455
050382	0.9986	467	0.931838	600	1.048011	274	0.954726
050385	0.9971	104	1.072240	59	0.997239	7	0.000000
050390	0.9981	334	1.060022	397	0.957472	122	0.931556
050393	0.9992	227	0.948238	410	1.018088	127	0.988297
050394	1.0000	294	0.916091	388	0.921265	228	0.863688
050396	1.0000	406	0.863808	537	0.902107	203	0.914466
050397	0.9934	44	1.027279	40	1.039270	4	0.000000
050407	0.9949	184	1.017616	121	1.083607	18	0.000000
050411	0.9979	15	0.000000	33	1.102959	2	0.000000
050414	0.9983	131	1.034523	125	1.050343	24	0.000000
050417	1.0000	178	0.906371	126	0.949248	33	0.960867
050423	1.0000	69	0.979681	40	0.972980	11	0.000000
050424	1.0000	161	0.913799	329	0.863661	200	0.921500
050425	0.9998	19	0.000000	28	1.036577	18	0.000000
050426	0.9999	287	0.989657	252	1.002768	71	0.918299
050434	0.9941	72	1.063982	55	1.032105	5	0.000000
050435	0.9998	123	1.004496	698	0.989522	13	0.000000
050438	0.9981	572	0.992277	568	1.074079	253	1.022435
050441	0.9982	438	1.058556	480	1.077315	232	0.973322
050444	0.9941	603	1.107667	529	1.018207	124	0.886123
050448	0.9977	176	0.924833	127	1.053901	5	0.000000
050454	0.9998	407	0.995481	308	0.964709	138	1.026986
050455	0.9948	225	1.031702	371	1.130409	131	1.085128
050457	0.9997	284	0.955795	310	1.009682	127	0.995813
050464	0.9964	270	1.004081	389	1.065206	410	1.029689
050468	0.9959	92	1.013397	151	1.163935	22	0.000000
050471	0.9965	290	1.029668	644	1.028381	250	1.058726
050481	0.9998	394	0.994724	296	0.923225	178	1.007336
050485	0.9961	342	1.052984	577	0.972103	197	1.169385
050488	0.9987	269	1.021421	347	1.022750	86	1.038822
050492	0.9995	273	0.955574	149	0.870718	83	1.024795
050496	1.0000	249	0.965518	468	0.852671	196	0.962377
050498	1.0000	218	0.997453	165	0.984809	36	0.922770
050502	0.9993	403	0.910043	470	0.975103	101	1.064137
050503	1.0000	258	0.944940	358	0.883283	147	0.906449
050506	0.9993	155	1.025288	101	0.939680	34	1.018977
050510	1.0000	10	0.000000	14	0.000000	3	0.000000
050512	1.0000	12	0.000000	22	0.000000	5	0.000000
050515	1.0000	16	0.000000	13	0.000000	4	0.000000
050516	0.9960	424	1.089975	486	1.071655	222	1.053480
050517	0.9984	68	1.018798	79	1.034956	20	0.000000
050523	0.9953	230	1.105882	297	0.970769	122	1.102414
050526	0.9969	145	0.970216	150	1.076786	37	1.029822
050528	0.9989	114	1.010127	57	0.991254	7	0.000000
050531	1.0000	81	0.882367	31	0.970261	2	0.000000
050534	0.9987	194	0.897095	122	1.062893	60	0.976483
050537	1.0000	79	0.975958	68	0.920625	7	0.000000
050541	1.0000	3	0.000000	4	0.000000	1	0.000000
050543	1.0000	0	0.000000	0	0.000000	0	0.000000
050545	1.0000	8	0.000000	0	0.000000	0	0.000000
050546	0.9867	27	1.097537	1	0.000000	0	0.000000
050547	1.0000	12	0.000000	0	0.000000	0	0.000000
050548	1.0000	6	0.000000	0	0.000000	0	0.000000
050549	1.0000	506	0.909474	589	0.876754	422	0.999171
050551	0.9978	348	0.955221	337	1.020643	105	1.091063
050552	1.0000	31	0.992534	25	0.980573	1	0.000000
050557	0.9988	529	1.050556	519	0.954989	320	0.995961
050561	1.0000	7	0.000000	7	0.000000	5	0.000000
050567	1.0000	451	0.937525	581	0.919460	236	0.940540
050568	0.9987	181	0.960548	164	1.034174	69	0.908665
050570	0.9938	411	0.912838	524	1.148912	220	1.038880
050573	1.0000	940	0.841171	906	0.803638	513	0.930672

050575	0.9997	154	0.886774	152	1.004770	27	1.022289
050580	0.9990	131	0.953326	151	1.013299	55	1.039726
050581	0.9978	179	0.864532	287	0.983518	110	1.077720
050586	0.9995	41	1.000200	99	1.025770	28	1.013368
050588	1.0000	67	0.987769	83	0.991802	24	0.000000
050589	0.9992	145	1.021688	119	0.970448	27	0.956173
050590	0.9974	193	0.999648	198	1.119546	26	0.980573
050597	0.9995	148	1.004046	155	0.872812	31	1.046461
050599	0.9990	318	0.961530	497	0.987060	262	1.061635
050603	1.0000	466	0.925242	676	0.939737	254	0.999110
050604	0.9998	19	0.000000	24	0.000000	28	1.008980
050608	1.0000	110	0.925657	134	0.938630	10	0.000000
050609	1.0000	19	0.000000	32	0.951989	5	0.000000
050616	0.9989	241	0.878733	238	1.021687	49	1.025920
050618	0.9961	41	1.033265	10	0.000000	2	0.000000
050624	1.0000	316	0.942954	356	0.969341	123	0.883605
050625	1.0000	1137	0.980500	1784	0.922217	580	0.987338
050633	0.9988	350	1.030108	254	0.959269	47	0.998834
050636	1.0000	235	0.912711	327	0.875109	62	0.915236
050641	0.9971	83	1.067850	88	1.013690	24	0.000000
050644	0.9996	100	1.009661	55	0.980504	4	0.000000
050663	0.9962	146	1.080386	115	1.122924	32	1.009553
050668	0.9972	37	1.017919	1	0.000000	1	0.000000
050674	1.0000	21	0.000000	19	0.000000	8	0.000000
050677	1.0000	5	0.000000	5	0.000000	1	0.000000
050678	0.9996	179	0.976596	213	0.997746	68	1.026652
050684	0.9966	129	1.066853	150	1.030968	59	0.986885
050686	1.0000	9	0.000000	10	0.000000	4	0.000000
050688	0.9995	156	0.999679	170	0.902282	35	1.052637
050689	0.9961	236	1.069504	152	0.948929	51	1.053241
050690	1.0000	3	0.000000	7	0.000000	2	0.000000
050696	0.9994	63	0.963039	155	1.044387	47	0.987477
050697	1.0000	0	0.000000	0	0.000000	0	0.000000
050701	0.9970	328	1.086328	364	0.909493	111	1.051415
050704	0.9984	100	1.077066	154	0.985172	36	1.066547
050708	1.0000	0	0.000000	0	0.000000	0	0.000000
050709	0.9989	219	1.035566	309	0.965685	79	0.947610
050710	1.0000	8	0.000000	10	0.000000	3	0.000000
050714	1.0000	1	0.000000	0	0.000000	0	0.000000
050717	1.0000	4	0.000000	9	0.000000	1	0.000000
050723	1.0000	13	0.000000	19	0.000000	1	0.000000
050724	0.9981	234	1.020722	441	1.026582	307	0.997139
050726	1.0000	0	0.000000	0	0.000000	0	0.000000
050727	0.9999	155	1.001473	71	0.958709	24	0.000000
050732	1.0000	18	0.000000	159	0.919993	78	0.950975
050735	1.0000	119	0.869023	124	0.984068	68	0.917374
050736	0.9995	86	1.015958	112	0.970423	22	0.000000
050737	0.9944	478	1.086783	505	1.029248	151	0.989308
050738	0.9983	63	0.981831	57	1.056884	15	0.000000
050739	0.9941	292	1.078697	886	1.083055	209	1.142800
050740	0.9975	118	0.945667	203	1.048989	53	1.112193
050742	0.9896	310	1.131297	382	1.151806	88	1.240360
050744	0.9994	43	0.985630	23	0.000000	51	1.007414
050745	0.9968	53	1.109858	38	0.984316	0	0.000000
050746	0.9977	132	1.089911	122	0.933350	96	1.001496
050747	0.9997	87	0.947230	58	1.007940	7	0.000000
050748	1.0000	7	0.000000	13	0.000000	2	0.000000
050749	1.0000	0	0.000000	0	0.000000	0	0.000000
050751	1.0000	0	0.000000	0	0.000000	0	0.000000
050752	0.9918	249	1.154647	219	1.107346	72	1.042356
050754	1.0000	0	0.000000	0	0.000000	0	0.000000
050755	0.9935	96	0.955378	155	1.072477	187	1.150636
050757	0.9997	320	0.963232	300	0.877320	130	1.017899
050758	0.9973	64	1.028230	58	1.090879	26	0.998512
050760	1.0000	10	0.000000	7	0.000000	3	0.000000
050761	0.9985	605	0.946701	635	1.033175	212	1.012027
050763	0.9986	56	0.977204	70	1.098239	9	0.000000
050764	0.9996	384	0.954436	470	0.958775	262	1.015880
050765	0.9993	51	1.024226	44	0.961509	7	0.000000
050766	1.0000	0	0.000000	0	0.000000	0	0.000000
050767	1.0000	5	0.000000	8	0.000000	0	0.000000
050768	1.0000	24	0.000000	10	0.000000	0	0.000000
050769	1.0000	0	0.000000	0	0.000000	0	0.000000
050770	0.9989	67	1.041141	80	0.994275	11	0.000000
050771	0.9995	33	1.010073	35	0.993137	8	0.000000

050772	1.0000	3	0.000000	2	0.000000	2	0.000000
050773	1.0000	0	0.000000	0	0.000000	0	0.000000
060001	0.9994	502	1.022570	477	0.965319	313	0.992189
060003	1.0000	237	0.919293	283	0.916812	60	0.924253
060004	0.9994	131	0.975139	98	1.019932	41	0.959500
060006	0.9998	112	0.968520	94	0.891212	68	1.010801
060008	1.0000	119	0.902055	70	0.964949	11	0.000000
060009	0.9989	404	0.946826	409	0.837640	255	1.037769
060010	1.0000	464	0.958502	361	0.881583	131	0.942242
060011	0.9996	47	0.957887	81	1.034706	22	0.000000
060012	1.0000	209	0.901810	196	0.926149	131	0.985942
060013	1.0000	170	0.885158	102	0.889748	115	0.948398
060014	1.0000	111	0.914803	120	0.939805	84	0.951111
060015	0.9995	143	0.966554	177	1.035171	167	0.895705
060016	1.0000	172	0.887624	77	0.882047	10	0.000000
060020	1.0000	468	0.817326	299	0.851068	229	0.931622
060022	1.0000	651	0.900762	650	0.763751	358	0.785543
060023	0.9995	230	0.979622	204	1.046100	243	0.946941
060024	1.0000	228	0.967999	314	0.948041	122	1.002730
060027	1.0000	249	0.884171	259	0.831082	102	0.938003
060028	0.9992	45	0.997397	52	1.026063	28	1.052295
060030	0.9988	229	1.035337	175	0.986976	92	0.894519
060031	1.0000	595	0.982213	553	0.893814	366	0.945642
060032	0.9995	198	1.039655	213	0.937090	123	0.968127
060034	1.0000	320	0.993075	349	0.892049	129	0.876031
060036	0.9951	334	1.037595	104	0.971419	36	0.972039
060043	0.9917	55	1.042016	11	0.000000	2	0.000000
060044	1.0000	89	0.904534	54	0.998863	4	0.000000
060049	1.0000	44	0.979221	30	0.974917	8	0.000000
060054	0.9999	71	0.883691	46	1.007744	9	0.000000
060064	1.0000	195	0.863116	180	0.981971	76	0.968916
060065	0.9995	111	1.009687	67	1.020959	31	0.945874
060071	0.9953	166	1.125478	95	0.990702	25	0.942212
060075	1.0000	51	0.998562	35	0.992844	31	0.982180
060076	1.0000	82	0.935759	69	0.895073	8	0.000000
060096	1.0000	31	0.949811	14	0.000000	7	0.000000
060100	1.0000	232	0.898023	309	0.868830	193	0.880124
060103	1.0000	70	0.990049	46	0.942165	11	0.000000
060104	0.9996	167	0.917610	190	0.977328	78	1.020317
060107	1.0000	4	0.000000	0	0.000000	0	0.000000
060112	1.0000	164	0.945935	210	0.881285	69	0.947770
060113	0.9995	273	0.887841	221	1.023562	81	0.974584
060114	1.0000	107	0.872642	105	0.896624	49	0.929328
060116	0.9999	79	1.006652	56	0.977399	34	0.967172
060117	1.0000	0	0.000000	0	0.000000	0	0.000000
060118	1.0000	13	0.000000	4	0.000000	0	0.000000
060119	1.0000	193	0.965348	212	0.901927	350	0.921340
060124	1.0000	0	0.000000	0	0.000000	0	0.000000
070001	0.9823	1331	1.352496	1232	1.103770	375	1.048450
070002	0.9961	764	0.992754	1307	1.013008	605	1.103902
070003	1.0000	275	0.964962	277	0.990020	77	0.925033
070004	0.9996	187	0.979133	121	0.978328	53	1.018757
070005	0.9972	397	0.930879	613	1.068036	288	0.991448
070006	1.0000	454	0.967607	582	0.996684	214	0.857993
070007	0.9987	511	0.965513	679	1.023145	204	1.034414
070008	0.9995	279	1.007764	251	0.999001	15	0.000000
070010	0.9980	470	1.064383	582	1.002321	386	0.946368
070011	0.9996	369	0.993929	301	0.958402	89	1.035212
070012	1.0000	261	1.000098	190	0.908006	41	0.991065
070015	1.0000	151	0.967854	141	0.980866	24	0.000000
070016	0.9987	421	0.957899	528	0.976726	186	1.060362
070017	0.9922	522	1.092257	484	1.078703	95	1.132643
070018	0.9959	497	1.066034	522	1.072663	87	0.998858
070019	0.9924	230	1.075692	307	1.089353	40	1.008710
070020	1.0000	688	0.911434	811	0.938500	206	0.838283
070021	0.9995	191	0.925816	273	0.900913	43	1.063446
070022	0.9949	778	1.105498	1277	1.039323	787	1.097170
070024	0.9996	622	0.899044	523	1.013984	110	0.969611
070025	0.9990	841	0.993040	1385	0.908506	874	1.029625
070027	1.0000	530	0.929168	396	0.955085	69	0.974950
070028	0.9894	460	1.008052	704	1.097579	390	1.228270
070029	0.9915	387	1.109265	329	1.093739	53	1.017730
070031	0.9903	281	0.953594	385	1.162674	118	1.096117
070033	0.9980	951	0.999917	1100	0.980212	476	1.062583
070034	0.9995	611	0.939843	673	1.013213	179	0.999911



070035	0.9978	719	0.982140	1194	1.036986	303	1.024536
070036	0.9996	353	1.013452	384	0.951293	166	0.976944
070038	1.0000	0	0.000000	0	0.000000	0	0.000000
070039	0.9886	113	1.077821	100	1.099521	20	0.000000
070040	1.0000	57	0.974053	30	0.935521	0	0.000000
080001	1.0000	1902	0.955307	2395	0.943834	878	0.942807
080003	0.9974	195	0.999206	283	0.980135	136	1.093780
080004	0.9979	913	1.057367	806	0.930260	519	0.856498
080006	1.0000	260	0.926314	421	0.884952	133	0.902682
080007	1.0000	565	0.971577	712	0.946537	324	0.908882
080009	1.0000	84	0.970136	111	0.879547	35	0.956919
090001	0.9969	200	0.996726	329	1.069673	203	1.088970
090003	0.9924	93	1.129228	203	1.188195	46	1.090931
090004	0.9999	186	1.005100	98	1.020912	15	0.000000
090005	0.9985	397	1.050086	322	1.003776	49	0.971970
090006	0.9937	221	0.987476	674	1.120349	72	1.156165
090008	0.9975	117	0.988208	163	1.085492	5	0.000000
090011	0.9974	400	0.992298	1422	1.065797	1320	1.011673
100001	0.9994	166	1.058905	487	1.007934	196	0.964983
100002	1.0000	555	0.986015	776	0.934035	339	0.930295
100006	0.9950	985	1.049447	1425	1.062725	556	1.149299
100007	0.9922	2280	1.096122	3600	1.095282	1209	1.221375
100008	0.9975	761	0.924382	1147	1.064468	454	0.906058
100009	0.9912	259	1.101165	840	1.173561	195	1.102062
100012	0.9981	1051	0.926675	1421	1.003676	633	1.069771
100014	0.9992	164	0.983202	205	0.981158	145	1.024134
100017	0.9977	555	0.997949	604	1.040973	336	1.048491
100018	1.0000	1140	0.887488	1889	0.903622	881	0.932654
100019	0.9977	779	1.004482	1223	1.065218	643	0.959800
100022	0.9927	371	1.052120	618	1.209223	242	1.139150
100023	1.0000	474	0.820745	897	0.890795	577	0.881979
100025	1.0000	427	0.890792	752	0.931321	378	0.940365
100026	0.9970	624	0.811106	1242	0.845647	372	1.121291
100028	1.0000	353	0.910979	458	0.958152	144	0.934033
100029	0.9961	329	0.940538	567	1.133482	274	0.973590
100030	0.9972	232	1.026812	401	1.054086	83	0.956797
100032	0.9950	314	1.117647	316	1.080597	156	1.053352
100034	1.0000	547	0.900591	576	0.971302	433	0.946483
100035	0.9991	348	1.001248	673	0.907815	293	1.031884
100038	0.9894	462	1.023854	802	1.199262	275	1.102424
100039	1.0000	110	0.928478	269	0.957831	155	0.969184
100040	0.9957	904	1.093330	1210	1.072232	515	1.027169
100043	1.0000	189	0.941089	208	0.939609	67	0.923804
100044	0.9988	825	1.041676	1013	0.958405	476	0.956731
100045	0.9982	277	1.056138	402	1.003152	112	0.953463
100046	0.9971	262	0.881768	578	0.921779	262	1.082485
100047	0.9940	390	1.169784	630	0.992712	296	1.048719
100048	0.9996	142	1.002125	85	1.003045	2	0.000000
100049	0.9923	239	1.224981	351	1.024083	41	0.980900
100050	0.9894	361	1.106327	361	1.171098	105	0.976546
100051	0.9994	329	1.018381	388	0.943618	120	0.976753
100052	0.9973	579	1.009638	731	1.073259	474	0.954359
100053	0.9921	303	1.061515	310	1.163270	100	1.056268
100054	0.9993	171	1.016891	129	0.970489	21	0.000000
100055	0.9964	195	0.992203	260	1.079538	143	0.964353
100057	0.9984	612	0.847673	918	1.002686	319	1.073783
100062	1.0000	1002	0.922321	1334	0.954883	726	0.859404
100063	0.9991	159	0.951121	244	1.026004	164	0.930291
100067	0.9981	274	0.972546	403	1.036662	148	1.089989
100068	0.9958	338	0.984450	721	0.899056	376	1.106516
100069	1.0000	104	0.973536	88	0.942968	9	0.000000
100070	1.0000	519	0.963560	773	0.833281	624	0.836115
100071	0.9961	316	1.009039	433	1.043242	132	1.142529
100072	0.9940	342	1.076896	590	1.070481	80	1.003319
100073	0.9990	495	0.975530	823	1.029925	360	0.985823
100075	0.9948	670	1.024780	951	1.179692	442	0.928946
100076	0.9945	142	1.007338	198	1.109536	49	1.045358
100077	0.9979	317	1.041585	476	1.022651	77	1.009392
100080	0.9937	640	1.010872	1308	1.101304	582	1.061297
100081	0.9974	108	1.039148	106	0.881289	2	0.000000
100084	0.9925	638	1.040389	1178	1.114195	609	1.064031
100086	0.9976	162	1.019949	283	1.097320	99	0.968517
100087	1.0000	811	0.837209	1388	0.805073	914	0.812113
100088	0.9997	1113	1.011661	1160	0.981561	453	0.949708
100090	1.0000	763	0.981433	784	0.939820	393	0.988399

100092	0.9893	394	0.919280	561	1.199676	257	1.122000
100093	1.0000	298	0.962637	589	0.925777	214	0.996642
100099	0.9943	163	1.068719	415	1.062829	58	1.073304
100102	0.9957	152	1.101148	205	0.998385	52	1.040648
100105	0.9990	625	0.888754	887	0.912528	542	1.028926
100106	0.9988	80	1.024350	68	0.993198	14	0.000000
100107	0.9878	170	1.181802	224	1.112765	41	1.066745
100109	0.9972	461	1.103972	768	0.913191	400	1.013229
100110	0.9920	346	1.091206	564	1.112566	278	1.092928
100113	0.9980	345	1.057237	677	1.097396	311	0.990037
100117	0.9924	547	1.080787	287	1.104774	61	0.945337
100118	0.9982	263	0.921879	398	0.964078	164	1.074764
100121	0.9972	200	0.980359	134	1.105357	19	0.000000
100122	0.9972	280	1.032873	351	1.039534	76	1.069424
100124	1.0000	103	0.991480	113	0.984827	25	0.957971
100125	0.9950	217	1.010442	173	1.141437	37	1.062081
100126	0.9987	322	0.913763	292	1.037765	58	1.025025
100127	1.0000	579	0.944743	901	0.895156	591	0.950268
100128	0.9990	246	0.959372	516	1.039697	245	1.030496
100130	0.9977	42	1.052340	84	1.017698	22	0.000000
100131	0.9940	485	1.078344	798	1.047738	424	1.079755
100132	0.9981	243	1.036083	191	0.998385	77	1.018920
100134	1.0000	6	0.000000	4	0.000000	0	0.000000
100135	1.0000	304	0.940813	619	0.823567	419	0.913854
100137	0.9933	249	1.045092	509	1.107167	176	1.061603
100139	0.9949	39	1.037505	33	1.028739	0	0.000000
100140	1.0000	259	0.970307	120	0.867881	15	0.000000
100142	0.9988	264	1.023828	220	0.985684	53	0.920153
100150	0.9965	107	1.049590	122	1.076902	10	0.000000
100151	0.9971	395	1.069322	491	1.124050	156	0.915038
100154	1.0000	228	0.921439	441	0.979094	176	0.949386
100156	0.9892	403	1.175711	425	1.009526	49	1.120809
100157	0.9989	883	0.952074	1418	0.990671	634	1.050492
100161	0.9953	190	1.041617	598	1.087390	219	0.998749
100166	1.0000	273	0.962766	370	0.904332	112	0.922989
100167	0.9987	139	0.965434	219	1.030044	83	1.024186
100168	1.0000	951	0.843012	1446	0.834687	505	0.979915
100173	0.9977	430	1.152806	686	0.982651	320	0.990325
100175	0.9860	192	1.156730	153	1.058000	32	0.995057
100176	0.9989	377	0.970867	701	0.957710	546	1.017983
100177	0.9992	290	1.016161	249	1.006179	103	0.910952
100179	0.9937	568	1.118117	897	1.047187	242	1.139341
100180	0.9990	273	1.029475	207	0.975460	10	0.000000
100181	0.9965	219	1.091172	107	1.101053	38	0.994208
100183	0.9960	159	0.963077	251	1.106986	70	0.968739
100187	0.9930	361	1.113787	501	1.069249	302	1.055047
100189	0.9970	200	0.971912	492	1.031651	259	1.042489
100191	0.9942	211	0.970361	442	1.137924	229	1.068310
100200	0.9996	132	0.930903	116	1.006275	35	1.040103
100204	1.0000	919	1.001467	1667	0.980072	620	0.946196
100206	0.9984	183	1.058771	183	0.959261	20	0.000000
100209	0.9901	313	1.096757	486	1.086897	252	1.101670
100211	0.9977	102	1.099116	157	1.006474	36	1.022456
100212	0.9967	624	1.070732	693	0.891032	423	1.068641
100213	0.9995	321	1.043039	773	0.943721	554	0.921066
100217	0.9984	265	0.977219	377	1.004068	83	1.116825
100220	0.9975	885	0.993662	851	1.104084	451	0.932190
100223	0.9980	307	0.939467	520	0.961404	303	1.055455
100224	0.9994	190	1.006035	358	0.975376	80	1.045175
100226	0.9991	609	0.942485	697	1.027182	266	0.979636
100228	0.9967	159	1.023301	451	1.059231	206	1.028789
100230	0.9976	123	1.029792	136	1.057745	20	0.000000
100231	1.0000	513	0.956096	633	0.976729	302	0.986947
100232	0.9938	288	0.983827	402	1.133871	59	1.045883
100234	0.9993	91	0.986516	207	0.951031	62	1.039409
100236	0.9971	617	1.086647	672	1.004746	320	0.994994
100238	0.9865	272	1.151697	404	1.054607	224	1.238105
100239	0.9996	146	1.016581	92	0.946389	19	0.000000
100240	1.0000	0	0.000000	0	0.000000	0	0.000000
100242	0.9996	356	0.822185	274	0.930309	61	1.046048
100243	0.9971	392	1.153107	602	0.984342	415	0.977018
100244	0.9994	534	0.984763	856	0.981655	137	1.081158
100246	0.9988	240	1.007141	663	1.034323	501	0.974347
100248	0.9963	418	1.016911	644	1.045455	319	1.096510
100249	1.0000	185	0.888387	314	0.925184	143	0.840988

100252	0.9938	121	1.008465	384	1.081911	54	1.128434
100253	1.0000	340	0.884420	391	0.964656	85	0.869216
100254	0.9912	310	0.990848	462	1.193247	157	1.128515
100255	0.9984	83	0.985219	157	1.046315	27	0.970488
100256	0.9960	208	0.877637	871	1.077079	340	1.017797
100258	0.9999	798	0.957611	1330	1.002967	499	0.941152
100259	0.9934	312	0.862193	546	1.136494	92	1.040663
100260	0.9990	483	1.041272	705	0.993098	155	1.000011
100264	0.9965	505	1.054623	660	1.013116	342	1.071981
100265	1.0000	592	0.929338	840	0.994037	485	0.942577
100266	0.9999	227	0.972150	218	0.991157	39	1.013523
100267	0.9995	171	0.958045	323	0.910181	80	1.033174
100268	0.9984	205	1.009752	415	1.023485	86	0.978781
100269	0.9987	130	1.004702	256	1.028591	89	1.013859
100275	0.9987	247	1.002450	175	1.027114	65	1.052512
100276	0.9967	115	0.985749	198	1.111204	45	0.945360
100277	1.0000	19	0.000000	18	0.000000	3	0.000000
100281	0.9916	341	1.075376	527	1.121946	165	1.086335
100284	0.9966	163	1.127831	109	1.055514	34	1.016109
100285	0.9956	161	0.934659	130	1.138728	15	0.000000
100286	0.9993	380	1.014710	433	1.010126	172	0.938594
100287	1.0000	287	0.970240	327	0.981899	108	0.976576
100288	0.9993	83	1.007241	62	1.073757	21	0.000000
100289	0.9971	311	1.067828	423	1.002452	88	1.109931
100290	0.9963	926	0.948820	983	1.052668	557	1.048262
100291	0.9965	164	1.050632	137	1.069592	30	1.060934
100292	1.0000	209	0.896094	147	0.885839	54	0.941541
100296	0.9994	205	0.965736	307	0.996503	46	1.097484
100299	1.0000	163	0.959613	195	0.929788	125	0.905309
100302	0.9964	161	1.120774	217	0.999377	43	0.972025
100307	0.9985	262	1.017520	333	0.975054	89	1.085218
100313	0.9985	33	1.020098	25	0.986174	1	0.000000
100314	0.9964	51	1.090034	53	0.948514	10	0.000000
100315	0.9990	43	0.951419	45	1.046738	10	0.000000
100316	0.9997	80	1.008963	63	0.958288	13	0.000000
100317	1.0000	0	0.000000	0	0.000000	0	0.000000
110001	1.0000	590	0.979919	570	0.986171	148	0.871236
110002	0.9973	187	1.042253	152	1.006862	31	1.085937
110003	0.9981	370	1.005377	340	1.051092	78	1.008397
110004	0.9993	239	0.942158	132	0.890991	30	1.059753
110005	0.9973	494	1.028556	394	1.053745	234	0.989503
110006	1.0000	165	0.916420	192	0.988248	90	0.999826
110007	1.0000	428	0.946494	506	0.933291	415	0.974418
110008	0.9976	269	1.060233	188	0.989623	83	0.931695
110010	1.0000	230	0.976068	632	0.836393	386	0.963878
110011	0.9996	274	0.933250	329	1.013307	211	0.989066
110015	1.0000	95	0.973307	79	0.919367	20	0.000000
110016	0.9959	258	0.966086	526	1.073196	107	1.013246
110018	0.9990	265	1.021734	371	0.939687	85	1.014505
110023	0.9946	277	1.070885	135	1.086492	59	1.045863
110024	0.9981	414	1.033953	430	1.011748	26	1.101047
110025	1.0000	464	0.982518	566	0.895629	128	0.926858
110026	0.9848	162	1.117728	104	0.920785	16	0.000000
110027	1.0000	164	0.906889	83	0.987193	5	0.000000
110028	0.9994	745	1.027643	898	0.963660	600	0.992325
110029	0.9995	750	1.028358	1129	0.866819	739	0.956059
110030	0.9993	293	0.993770	217	1.028652	62	0.941892
110031	0.9937	470	1.120457	380	1.039378	91	0.880032
110032	0.9965	351	1.034837	214	0.906123	36	1.058377
110034	0.9987	169	0.987506	183	1.090422	121	1.031182
110035	0.9957	997	1.091601	1445	1.049926	597	1.031391
110036	0.9988	199	0.888722	681	1.009513	277	1.053691
110038	1.0000	330	0.974029	386	0.853316	179	0.870842
110039	0.9966	168	1.090765	110	1.008621	34	1.021655
110040	1.0000	83	0.955390	110	0.985582	30	0.962420
110041	1.0000	216	0.951532	107	1.000081	13	0.000000
110042	0.9969	146	1.018825	84	1.064831	12	0.000000
110043	1.0000	310	0.936960	441	0.901633	288	0.980946
110044	1.0000	106	0.937197	82	0.953365	15	0.000000
110045	0.9988	116	0.910717	132	1.020531	6	0.000000
110046	0.9949	122	1.109163	172	1.054181	31	1.000411
110050	1.0000	71	0.946577	44	0.952327	4	0.000000
110051	1.0000	207	0.875292	105	0.922678	23	0.000000
110054	1.0000	470	0.905324	325	0.931109	141	0.887637
110059	0.9907	109	1.121845	66	0.986849	5	0.000000

110064	0.9995	174	1.006882	140	0.848725	45	1.083960
110069	0.9941	569	1.028070	559	1.106647	100	1.166291
110071	0.9933	149	1.067472	41	1.037471	8	0.000000
110073	1.0000	113	1.000643	102	0.984399	13	0.000000
110074	1.0000	484	0.950461	878	0.886425	533	0.895741
110075	0.9917	211	1.141202	336	1.150560	82	0.958656
110076	0.9991	434	1.023413	536	0.989062	120	1.044882
110078	0.9986	229	1.073358	691	0.974066	483	1.022258
110079	0.9976	143	1.034682	449	1.086291	99	0.973288
110082	1.0000	494	0.856838	713	0.926434	668	0.837750
110083	0.9999	487	1.005458	1037	0.901217	736	0.930460
110086	0.9989	225	0.986560	65	1.035239	3	0.000000
110087	0.9992	839	0.965152	985	0.923852	244	1.055049
110089	0.9892	267	1.116858	274	1.154102	17	0.000000
110091	0.9992	241	1.027881	343	0.965293	45	1.012439
110092	0.9966	157	1.014875	101	1.065526	7	0.000000
110095	0.9993	307	1.030854	420	0.954493	135	0.974158
110100	1.0000	46	0.998875	61	0.935729	3	0.000000
110101	1.0000	34	0.914748	59	0.943442	8	0.000000
110104	0.9893	196	1.182023	144	0.906878	26	0.962931
110105	1.0000	200	0.924343	191	0.991591	23	0.000000
110107	0.9962	416	1.038553	992	0.926002	655	1.122737
110109	0.9926	134	1.090050	90	1.015745	7	0.000000
110111	0.9997	90	0.965552	32	1.014449	8	0.000000
110112	0.9943	31	1.055625	42	1.044017	3	0.000000
110113	0.9984	99	1.015764	35	0.979175	14	0.000000
110115	0.9990	89	0.951153	119	1.043528	49	1.046270
110121	1.0000	61	0.969890	79	0.953303	7	0.000000
110122	0.9996	363	1.020993	429	0.942724	304	0.921662
110124	0.9947	301	1.048575	207	1.036721	15	0.000000
110125	1.0000	227	0.837417	244	0.948916	99	0.927482
110128	0.9926	181	0.975818	217	1.135402	54	1.096732
110129	1.0000	564	0.972046	856	0.915694	379	0.948388
110130	0.9998	26	0.987511	28	1.004789	1	0.000000
110132	0.9986	151	1.012025	67	1.022653	19	0.000000
110135	0.9979	82	1.044221	86	0.995370	1	0.000000
110142	0.9926	72	0.966163	87	1.131791	12	0.000000
110143	0.9984	497	1.025619	697	0.928600	266	1.056213
110146	1.0000	77	0.970624	60	0.968208	8	0.000000
110150	1.0000	176	0.906743	162	0.940451	11	0.000000
110153	0.9991	184	1.012741	98	0.922938	9	0.000000
110161	1.0000	185	0.993561	124	0.975229	50	0.961004
110163	0.9995	142	1.018812	115	0.955965	14	0.000000
110164	0.9960	289	1.087521	514	1.066217	236	0.947698
110165	0.9983	175	1.062521	377	1.021560	120	1.014229
110168	1.0000	382	0.862295	910	0.972125	525	0.964743
110177	0.9985	199	1.037406	244	1.061058	54	0.985761
110183	0.9965	101	1.022691	83	1.069183	16	0.000000
110184	0.9974	238	1.060290	298	1.023022	34	0.988002
110186	0.9956	126	1.038121	182	1.074864	11	0.000000
110187	0.9971	99	1.046933	95	1.019529	10	0.000000
110189	0.9946	200	1.045249	139	1.065503	8	0.000000
110190	1.0000	57	0.977460	52	0.988090	8	0.000000
110191	0.9973	285	0.928972	556	1.069268	92	0.990942
110192	0.9996	372	1.009136	425	0.992666	95	1.012972
110194	1.0000	183	0.988001	42	0.956183	2	0.000000
110198	0.9995	354	0.964046	290	1.016604	54	0.953578
110200	1.0000	0	0.000000	2	0.000000	0	0.000000
110201	0.9995	127	1.021127	129	0.970368	4	0.000000
110203	1.0000	105	0.938365	59	1.000838	4	0.000000
110205	0.9957	67	0.937498	87	1.065271	8	0.000000
110209	1.0000	0	0.000000	0	0.000000	0	0.000000
110215	1.0000	508	0.939222	557	0.894465	224	0.984081
110219	0.9980	109	1.008210	180	1.064125	33	1.001989
110225	0.9948	242	1.006722	246	1.081702	37	1.072868
110226	0.9963	97	1.157947	146	0.961271	24	0.000000
110229	0.9967	260	0.957445	315	1.062761	69	1.113225
110230	0.9985	158	1.028050	194	1.016283	72	0.898667
120001	1.0000	354	0.896502	391	0.845082	412	0.900245
120002	1.0000	202	0.891636	124	0.985201	89	0.865799
120004	0.9990	92	0.948935	112	0.994577	49	1.042225
120005	1.0000	149	0.916797	209	0.938534	177	0.893330
120006	0.9957	139	1.108134	158	1.042813	105	1.046575
120007	0.9963	292	1.096240	200	0.891931	119	1.015315
120010	0.9963	110	0.965230	76	0.920400	75	1.089936

120011	0.9990	24	0.000000	32	0.923597	25	1.055747
120014	0.9986	107	1.039105	77	0.993900	24	0.000000
120019	0.9997	109	0.906619	57	1.008930	12	0.000000
120022	1.0000	243	0.905499	296	0.892505	196	0.977356
120026	0.9965	307	0.963511	252	0.936439	147	1.127636
120027	0.9973	118	0.995885	112	1.078347	71	0.998500
120028	0.9993	45	0.976662	45	1.019944	10	0.000000
130002	0.9999	555	0.874451	277	1.003453	169	0.920576
130003	1.0000	269	0.875833	151	0.878723	31	0.967335
130006	1.0000	370	0.907880	521	0.813464	384	0.863532
130007	1.0000	199	0.878872	264	0.861823	248	0.872527
130013	1.0000	131	0.949774	107	0.887173	70	0.934114
130014	1.0000	139	0.988728	119	0.858510	18	0.000000
130018	1.0000	377	0.828952	180	0.852407	240	0.923637
130025	0.9981	76	1.071064	58	0.955751	6	0.000000
130028	1.0000	177	0.956370	210	0.823350	131	0.802829
130049	1.0000	336	0.950321	364	0.901847	261	0.829116
130063	1.0000	0	0.000000	0	0.000000	0	0.000000
130065	1.0000	3	0.000000	0	0.000000	0	0.000000
130066	1.0000	0	0.000000	0	0.000000	0	0.000000
130067	1.0000	1	0.000000	0	0.000000	0	0.000000
140001	0.9878	204	1.149950	171	1.072200	12	0.000000
140002	0.9985	359	0.990760	362	1.037661	108	0.904548
140007	0.9889	649	1.103177	1381	1.123944	544	1.170254
140008	0.9997	213	1.017728	505	0.980086	210	0.911387
140010	0.9997	1595	0.952687	2047	0.940947	679	1.012203
140011	0.9945	456	1.091129	322	1.032655	52	1.026969
140012	0.9926	194	1.012893	241	1.132955	97	1.089682
140013	0.9963	412	1.103186	333	0.943794	115	0.987325
140015	0.9972	900	1.038250	789	0.951586	422	1.032128
140018	0.9954	133	1.020016	159	1.010550	117	1.168924
140019	0.9949	142	0.949897	180	1.040955	6	0.000000
140026	0.9957	273	1.067056	179	0.957865	45	1.018282
140029	1.0000	400	0.923650	449	0.906137	207	0.983675
140030	0.9983	568	1.064458	675	0.957822	255	0.925423
140032	0.9980	374	1.053013	413	1.014857	57	1.027509
140034	0.9846	371	1.129637	485	1.240381	69	1.041500
140040	0.9875	260	1.171854	220	1.130876	55	1.042329
140043	0.9989	344	0.988510	375	1.030404	106	0.994277
140046	0.9883	320	1.110793	407	1.040410	340	1.153869
140048	0.9929	227	1.010952	384	1.191838	113	1.041123
140049	0.9976	169	1.000641	370	1.066525	84	0.933782
140051	0.9969	447	1.048311	729	1.027890	231	1.028446
140052	0.9951	198	0.984859	218	1.101280	51	1.096032
140053	0.9990	341	1.082356	950	0.938450	768	0.914751
140054	0.9998	325	0.970114	486	0.890662	215	1.006645
140058	0.9985	462	1.021555	262	0.950061	13	0.000000
140059	0.9924	284	1.041916	208	1.025154	48	1.012362
140062	0.9906	1419	1.119239	1732	1.069794	453	1.074514
140063	0.9987	136	0.984472	290	1.007530	46	1.110705
140064	0.9983	343	1.001843	226	0.994029	76	1.119945
140065	0.9979	538	1.039597	732	0.916878	206	1.048030
140067	0.9987	676	1.074807	739	1.013292	573	0.915927
140068	0.9891	90	1.079545	182	1.169252	28	1.013805
140077	0.9971	40	1.044691	62	1.059080	7	0.000000
140080	0.9948	315	1.075141	422	1.061118	126	1.097186
140082	0.9959	136	1.092834	290	1.030675	130	1.135888
140083	0.9983	69	1.067294	79	1.027609	8	0.000000
140084	0.9982	450	1.018611	570	1.033911	146	0.914516
140088	0.9950	134	1.066333	593	1.101864	154	1.079658
140089	1.0000	190	0.974834	201	0.947534	15	0.000000
140091	0.9984	283	0.994126	651	0.917726	396	1.048805
140093	0.9836	311	1.187947	496	1.182284	99	1.066195
140095	0.9986	99	1.051060	120	0.989696	14	0.000000
140100	1.0000	10	0.000000	3	0.000000	2	0.000000
140101	0.9967	413	1.056961	326	1.011915	113	0.946832
140103	0.9858	165	1.190468	236	1.160739	11	0.000000
140110	0.9988	392	0.986037	184	1.030013	24	0.000000
140113	0.9950	242	1.082234	436	1.006187	247	1.080217
140114	0.9946	595	1.040807	617	1.135251	290	0.952885
140115	0.9980	81	1.112510	132	0.990623	17	0.000000
140116	0.9897	512	1.103744	659	1.130906	413	1.050168
140117	0.9992	565	0.978352	1305	1.016560	580	0.989187
140118	0.9855	256	1.188207	732	1.151234	124	1.152807
140119	0.9992	289	1.105571	692	1.009779	168	0.961025

140120	0.9888	365	1.097371	199	1.134274	56	1.054660
140122	1.0000	448	0.991288	551	0.994586	139	0.985931
140124	0.9956	76	1.054675	185	1.109816	62	1.099917
140125	0.9959	145	1.143071	212	1.044326	85	0.990709
140127	1.0000	310	0.887603	440	0.992474	185	0.937182
140130	0.9993	380	1.011397	344	0.975604	67	1.025211
140133	0.9940	199	1.142329	427	1.097082	93	0.987696
140135	0.9998	654	1.008936	749	0.963898	296	0.974952
140137	0.9986	92	1.019782	59	0.933796	11	0.000000
140143	1.0000	258	0.989456	192	0.996439	7	0.000000
140145	1.0000	124	0.983941	106	0.916426	10	0.000000
140147	0.9925	292	1.034185	185	1.075414	25	0.958705
140148	0.9998	993	1.012592	1044	0.983910	713	0.862435
140150	0.9985	170	0.975909	264	1.058859	73	1.087396
140151	0.9936	21	0.000000	207	1.141176	2	0.000000
140155	0.9964	357	1.041251	226	1.088484	57	0.929439
140158	0.9913	280	1.020070	735	1.099228	218	1.208977
140160	0.9968	331	1.016899	306	1.034857	78	1.076524
140161	1.0000	112	0.934725	86	0.950314	10	0.000000
140162	1.0000	249	0.995292	330	0.976593	162	0.968301
140164	0.9999	340	1.003404	393	0.967810	467	0.963646
140166	0.9959	310	0.982835	427	1.090998	121	0.864065
140167	1.0000	193	0.888742	150	0.940642	37	0.980880
140172	0.9902	678	1.114203	1270	1.125094	499	1.066665
140174	0.9976	324	0.977931	264	0.968680	148	1.082342
140176	0.9936	333	1.111959	279	1.090463	88	1.005261
140177	0.9962	74	1.000529	161	1.166729	12	0.000000
140179	0.9924	469	1.252063	831	1.025785	116	1.162666
140180	0.9941	224	1.079279	428	1.048752	153	1.218514
140181	0.9965	135	1.150523	237	0.999714	23	0.000000
140182	0.9923	286	1.142984	386	1.104777	146	1.105628
140184	0.9927	314	1.129297	197	1.037706	87	1.092317
140185	0.9976	496	1.107309	861	0.982550	340	0.960072
140186	1.0000	497	0.944708	492	0.979694	194	0.930372
140187	0.9985	291	1.071718	618	1.001193	287	0.957652
140189	0.9996	433	0.969918	515	0.997260	94	1.027896
140191	0.9891	432	1.133505	996	1.097611	340	1.202292
140197	0.9990	128	1.041975	65	0.954449	10	0.000000
140200	0.9981	607	1.067811	968	0.893402	308	1.011109
140202	0.9982	638	0.969860	871	1.048394	282	0.952949
140206	0.9994	69	1.019440	136	1.010516	22	0.000000
140208	0.9955	827	1.089441	1536	1.002578	660	1.120370
140209	0.9981	397	1.045358	507	0.987940	271	1.042225
140210	0.9931	325	1.013683	181	1.098582	24	0.000000
140211	0.9968	529	1.075894	439	0.885576	129	0.897574
140213	0.9903	783	1.146222	924	1.089637	268	1.074330
140217	0.9979	337	1.050055	359	0.962297	125	1.031547
140223	0.9955	731	1.138968	1124	1.032681	369	1.073211
140224	0.9983	240	1.023846	533	0.994772	141	1.073783
140228	0.9996	518	1.000415	626	1.011884	219	0.980722
140231	1.0000	940	0.930952	879	0.943992	264	0.914059
140233	0.9989	537	0.968311	509	0.967285	277	1.043017
140234	0.9999	283	1.001851	188	0.948619	22	0.000000
140239	0.9997	553	0.930741	418	1.012083	279	0.943047
140240	0.9926	92	0.961384	258	1.119260	55	1.062955
140242	1.0000	520	0.940638	933	0.964518	211	0.974396
140250	0.9939	404	1.174087	510	1.061073	178	0.956846
140251	0.9925	289	1.131191	608	1.022436	259	1.145945
140252	0.9930	1173	1.019551	1389	1.038812	560	1.193518
140258	0.9965	818	1.075849	1012	0.976418	351	1.073200
140275	0.9895	290	1.142950	384	1.088675	218	0.943658
140276	0.9977	420	1.123323	782	0.991878	258	1.054292
140280	1.0000	651	0.986482	720	0.997003	651	0.989942
140281	0.9962	682	1.173739	1055	1.086121	288	1.031418
140286	0.9996	437	0.968157	358	1.009793	84	0.978314
140288	0.9989	764	0.951065	847	0.909063	278	1.058840
140289	0.9998	368	0.954047	349	0.981498	178	1.005545
140290	0.9974	714	1.075350	672	0.966170	214	1.002005
140291	0.9970	439	0.968186	669	0.975328	303	1.084099
140292	0.9986	79	1.053758	123	1.018080	48	0.955114
140294	0.9871	189	1.160326	85	1.093272	16	0.000000
140300	0.9965	44	0.980774	87	1.066105	2	0.000000
140304	0.9902	187	1.098287	280	1.101816	81	1.114240
150001	1.0000	222	0.971484	150	0.840949	15	0.000000
150002	0.9901	504	1.111966	1089	1.137435	228	1.082299

150003	0.9985	302	0.909118	295	1.033078	98	0.979651
150004	0.9908	291	1.131832	650	1.027073	257	1.163706
150005	1.0000	324	0.980286	318	0.959916	125	0.984570
150006	0.9991	369	0.998713	400	1.018067	147	0.982884
150007	0.9992	318	0.947831	285	0.934273	140	1.019131
150008	0.9970	180	0.958073	442	1.032317	53	1.098516
150009	0.9949	499	0.955917	548	1.099040	211	1.135173
150010	1.0000	340	0.915380	213	0.937220	12	0.000000
150011	1.0000	310	0.882710	349	0.955957	73	0.911061
150012	1.0000	595	0.841985	764	0.928317	285	0.836265
150015	0.9980	204	0.953430	444	1.017078	142	1.055548
150017	0.9990	385	0.917290	787	1.037392	541	0.848644
150018	0.9987	373	0.910737	842	0.966792	328	1.035413
150021	1.0000	519	0.811543	967	0.859382	495	0.769917
150022	0.9947	142	0.977585	171	1.075883	12	0.000000
150023	0.9973	751	1.096940	1131	0.996980	526	0.934174
150024	0.9946	132	1.139288	242	1.157082	145	1.040965
150026	1.0000	347	0.905780	294	0.954294	79	0.934556
150030	1.0000	299	0.920903	205	0.901195	14	0.000000
150033	1.0000	499	0.934716	247	0.917321	27	0.982786
150034	0.9921	465	1.074403	961	1.106013	142	0.979227
150035	1.0000	603	0.922149	683	0.996782	248	0.968460
150037	1.0000	303	0.918529	136	0.928036	40	0.956154
150038	1.0000	133	0.982693	136	0.947295	15	0.000000
150042	0.9992	330	1.021164	489	0.931088	180	1.011067
150044	0.9954	803	1.087798	663	1.052018	358	0.998553
150045	1.0000	158	0.946012	105	0.920619	22	0.000000
150046	0.9955	271	1.049244	379	1.045773	248	1.024475
150047	0.9982	61	0.977923	177	0.933646	68	1.071322
150048	1.0000	1004	0.914203	726	0.934359	492	0.957713
150051	1.0000	704	0.881884	477	0.896052	385	0.843094
150056	0.9991	648	1.019729	848	1.048980	423	0.987528
150057	1.0000	169	0.935027	49	0.926543	5	0.000000
150058	1.0000	498	0.871164	635	0.793842	286	0.938133
150059	1.0000	294	0.943126	222	0.906689	123	0.919750
150061	0.9975	295	0.954750	128	1.055850	21	0.000000
150064	0.9959	238	1.049473	122	0.922755	25	0.999764
150065	1.0000	230	0.917925	138	0.946820	29	0.970839
150069	1.0000	298	0.938032	248	0.952020	56	0.893656
150072	1.0000	227	0.874022	111	0.865371	4	0.000000
150074	1.0000	403	0.994923	408	0.947163	109	0.974838
150075	0.9998	209	0.979546	127	1.004805	25	1.005283
150076	1.0000	108	0.914471	156	0.944438	30	0.991316
150082	0.9980	1097	1.072609	1107	0.951440	446	0.885770
150084	1.0000	552	0.947178	1373	0.908365	402	0.993842
150086	0.9977	270	1.005813	175	1.030570	55	1.094219
150088	0.9953	533	1.044923	321	1.066980	58	1.060315
150089	1.0000	784	0.932493	853	0.958136	420	0.933912
150090	0.9979	291	0.934881	462	0.998189	150	1.068878
150091	1.0000	139	0.944495	114	0.883992	4	0.000000
150097	1.0000	298	0.986054	157	0.994807	11	0.000000
150100	0.9992	513	0.989943	637	0.920268	322	1.036862
150101	1.0000	99	0.958675	66	0.899217	5	0.000000
150102	0.9890	136	1.038671	60	1.147637	12	0.000000
150104	1.0000	150	0.929760	170	0.946222	48	0.989475
150109	1.0000	79	0.981698	225	0.912170	220	0.922156
150112	1.0000	368	0.843235	413	0.842042	312	0.999644
150113	0.9993	433	1.009933	420	0.953268	67	1.024141
150115	1.0000	322	0.971852	362	0.930502	219	0.891423
150125	0.9928	789	1.125419	1708	1.058044	273	1.070254
150126	0.9978	499	1.025644	782	1.030417	224	0.990486
150128	1.0000	359	0.953602	370	0.952278	144	0.938785
150129	1.0000	102	0.955883	103	0.944364	7	0.000000
150133	0.9967	214	1.031930	214	1.022407	50	1.058150
150146	0.9971	147	1.040905	101	0.904011	15	0.000000
150149	1.0000	0	0.000000	0	0.000000	0	0.000000
150150	1.0000	79	0.947155	42	0.978189	11	0.000000
150153	1.0000	36	0.979885	731	0.925974	1210	0.791208
150154	0.9962	30	0.957938	518	0.959841	319	1.052620
150157	1.0000	80	0.965549	68	0.981636	5	0.000000
150158	0.9995	362	0.960786	288	1.014342	91	0.880345
150160	1.0000	0	0.000000	0	0.000000	0	0.000000
150161	0.9996	103	0.990489	109	0.906481	40	1.047612
150162	1.0000	385	0.911671	729	0.900995	479	0.981272
150163	0.9944	87	1.042528	43	1.093256	2	0.000000

150164	0.9997	94	1.007407	72	0.988146	3	0.000000
150165	0.9993	57	1.019040	74	0.897361	7	0.000000
150166	0.9950	55	1.064521	48	1.083991	0	0.000000
150167	1.0000	0	0.000000	0	0.000000	0	0.000000
150168	1.0000	0	0.000000	0	0.000000	0	0.000000
150169	0.9988	455	0.963049	254	1.078901	14	0.000000
150172	1.0000	0	0.000000	0	0.000000	0	0.000000
150173	1.0000	478	0.962719	367	0.945224	223	0.890709
150175	1.0000	8	0.000000	121	0.937108	255	0.899715
150176	0.9966	60	0.990132	97	1.048411	43	1.055489
150177	1.0000	22	0.000000	12	0.000000	0	0.000000
150179	1.0000	0	0.000000	0	0.000000	0	0.000000
160001	1.0000	256	0.862247	179	0.823758	86	0.932064
160005	1.0000	193	0.901672	103	0.936059	9	0.000000
160008	0.9924	182	1.107188	187	0.843647	35	0.944275
160013	1.0000	123	0.946579	100	0.922254	18	0.000000
160016	0.9984	438	1.033375	418	0.860836	254	0.789167
160024	0.9995	268	1.014939	340	0.948091	125	1.002655
160028	0.9987	201	0.996483	188	1.032345	87	1.028653
160029	1.0000	307	0.959601	446	0.965703	302	0.996285
160030	0.9990	398	1.034682	405	0.927927	283	0.916561
160032	1.0000	133	0.978364	134	0.976143	22	0.000000
160033	1.0000	909	0.910619	896	0.867789	588	0.898148
160040	1.0000	104	0.937449	51	0.984957	10	0.000000
160045	1.0000	602	0.977043	493	0.876800	342	0.920906
160047	0.9970	350	1.070001	216	0.987187	116	0.989001
160057	1.0000	276	0.994102	293	0.983267	253	0.969335
160058	0.9997	242	1.051633	393	0.989612	241	0.855325
160064	1.0000	592	0.967425	729	0.998415	441	0.897392
160067	1.0000	241	0.934919	256	0.885708	101	0.870524
160069	0.9998	190	1.015842	200	0.981892	193	0.924938
160079	0.9986	754	1.029193	462	0.925728	283	0.998269
160080	0.9971	581	1.024547	333	1.028499	182	0.867778
160082	1.0000	531	0.875723	620	0.811746	453	0.823083
160083	1.0000	1003	0.884003	1054	0.949371	679	0.773429
160089	1.0000	246	0.953679	251	0.965374	129	0.991229
160101	1.0000	16	0.000000	9	0.000000	0	0.000000
160104	0.9985	158	1.055166	125	0.980566	60	0.981109
160110	0.9964	489	1.061653	640	0.994905	368	1.058555
160112	1.0000	270	0.940860	126	0.958827	13	0.000000
160117	1.0000	299	0.999454	162	0.936915	55	0.938108
160122	0.9965	171	0.980369	121	1.073730	35	1.034090
160124	1.0000	209	0.946779	79	0.967878	10	0.000000
160146	0.9998	349	0.918899	230	0.944137	64	1.023997
160147	0.9993	136	0.901140	96	1.018266	23	0.000000
160153	1.0000	373	0.893453	388	0.935709	337	0.952556
170001	0.9994	183	0.929917	186	0.901018	31	1.058653
170006	1.0000	288	0.933598	227	0.995997	101	0.975741
170009	0.9986	95	1.031103	123	0.982716	16	0.000000
170010	0.9949	80	1.093525	89	0.999202	7	0.000000
170012	1.0000	326	0.925630	142	0.881067	203	0.904357
170013	0.9998	319	1.007212	336	0.964209	316	0.785112
170014	0.9999	208	1.001109	77	0.967535	10	0.000000
170016	1.0000	391	0.982863	371	0.979583	230	0.893404
170017	0.9971	152	1.037939	92	1.017503	10	0.000000
170020	1.0000	671	0.957069	302	0.786292	230	0.935968
170023	1.0000	152	0.945512	68	0.971903	49	0.998469
170027	0.9996	127	0.878659	79	1.012645	4	0.000000
170039	1.0000	79	0.922728	31	0.987802	1	0.000000
170040	0.9979	224	1.121020	465	0.999455	165	1.158543
170049	0.9995	405	0.963295	538	0.935290	233	1.022044
170058	1.0000	186	0.990247	121	0.950045	13	0.000000
170068	0.9977	65	0.970346	39	1.108929	10	0.000000
170074	0.9994	129	0.909532	71	1.018816	11	0.000000
170075	1.0000	60	0.973469	46	0.986504	7	0.000000
170086	1.0000	641	0.824970	748	0.970141	387	0.932141
170094	0.9898	155	1.090784	101	1.007178	2	0.000000
170103	1.0000	204	0.911869	218	0.860299	47	0.910564
170104	0.9978	617	0.973087	706	1.012190	258	1.086364
170105	0.9995	171	0.938903	94	1.009078	12	0.000000
170109	1.0000	35	0.952544	22	0.000000	3	0.000000
170110	0.9990	42	1.013163	24	0.000000	2	0.000000
170120	0.9997	138	0.961687	107	1.012732	10	0.000000
170122	1.0000	1066	0.945454	1164	0.886990	757	0.983884
170123	1.0000	466	0.982739	544	0.795055	410	0.921791



170133	0.9994	110	0.983255	58	1.019275	7	0.000000
170137	0.9992	188	1.038248	210	0.964163	114	0.966492
170142	1.0000	241	0.986040	146	0.969524	121	0.952612
170145	0.9986	382	1.011826	215	1.004633	26	1.017815
170146	0.9947	218	0.957301	372	1.134106	122	1.025246
170150	0.9987	98	0.923585	56	1.032402	11	0.000000
170166	0.9800	112	1.145208	111	1.151510	9	0.000000
170175	0.9994	176	0.890161	106	0.922524	52	1.026116
170176	0.9996	137	0.954007	241	0.954914	83	1.018910
170182	0.9960	235	1.052144	240	1.056010	66	1.097276
170183	1.0000	0	0.000000	0	0.000000	0	0.000000
170185	0.9989	222	1.035048	316	0.932645	93	0.934212
170186	1.0000	15	0.000000	229	0.887280	321	0.791617
170187	1.0000	0	0.000000	0	0.000000	0	0.000000
170188	1.0000	0	0.000000	0	0.000000	0	0.000000
170190	1.0000	0	0.000000	0	0.000000	0	0.000000
170191	0.9996	88	0.971975	35	1.035034	8	0.000000
170192	0.9954	177	0.988611	377	1.090873	128	0.945277
170194	1.0000	0	0.000000	1	0.000000	0	0.000000
170195	1.0000	0	0.000000	0	0.000000	0	0.000000
170196	1.0000	0	0.000000	0	0.000000	0	0.000000
170197	1.0000	86	0.928743	194	0.858994	175	0.878513
170198	1.0000	0	0.000000	0	0.000000	0	0.000000
170199	1.0000	0	0.000000	0	0.000000	0	0.000000
170200	0.9974	125	1.013613	65	1.035848	19	0.000000
170202	1.0000	6	0.000000	16	0.000000	2	0.000000
180001	0.9960	297	0.997442	377	1.076218	148	1.036741
180002	0.9873	243	0.968736	292	1.225147	17	0.000000
180004	1.0000	244	0.876644	113	0.884689	3	0.000000
180005	0.9902	334	1.015893	292	1.222426	42	1.102764
180009	0.9893	932	1.149869	1356	1.119798	736	1.067839
180010	0.9976	767	1.022521	824	1.002121	840	1.042504
180011	0.9977	324	0.897499	553	0.948406	291	1.056765
180012	0.9990	812	1.005585	869	0.974934	377	1.022811
180013	0.9962	863	1.020348	962	1.078823	402	0.983513
180016	1.0000	191	0.959101	153	0.878541	24	0.000000
180017	0.9989	385	1.026440	350	0.926734	219	0.956263
180018	0.9947	319	1.044840	241	0.950048	132	1.102607
180019	0.9905	207	1.105073	128	1.100962	72	0.898438
180020	0.9913	196	1.028146	229	1.101232	22	0.000000
180021	0.9800	235	1.266363	316	1.289445	13	0.000000
180024	0.9959	165	0.912259	109	1.096501	16	0.000000
180025	0.9995	142	1.014423	109	0.905885	27	0.953935
180027	0.9951	381	0.992837	268	1.130270	32	1.042666
180029	0.9878	387	1.204081	398	1.202079	143	1.135761
180035	0.9987	813	0.992223	1392	1.021489	695	1.011633
180036	0.9960	436	1.050869	420	1.040630	89	0.964190
180038	1.0000	633	0.783330	1059	0.785203	483	0.934922
180040	0.9947	1122	1.098367	1572	1.077429	866	1.021742
180043	0.9831	295	1.158756	180	1.073968	18	0.000000
180044	0.9981	382	1.027155	436	1.021479	256	1.032761
180045	0.9930	243	1.110496	280	1.074121	106	1.104984
180046	0.9990	105	1.010544	92	0.930750	13	0.000000
180048	0.9973	553	1.060094	378	0.941403	209	0.890332
180049	0.9999	196	0.958008	117	0.951385	37	1.008533
180050	0.9800	291	1.300351	286	1.325550	14	0.000000
180051	0.9910	484	1.132715	222	1.046845	35	1.081261
180053	0.9883	258	1.106041	149	0.982634	9	0.000000
180056	0.9932	447	1.024909	292	1.124457	33	0.982623
180064	1.0000	248	0.970989	98	0.919808	18	0.000000
180066	0.9958	279	1.020189	161	1.036245	12	0.000000
180067	0.9971	263	0.959219	341	1.078779	231	1.191112
180069	0.9863	159	1.131240	163	1.221256	13	0.000000
180070	0.9922	296	1.074304	79	1.034739	15	0.000000
180078	0.9928	324	1.085102	134	0.990177	8	0.000000
180079	0.9922	354	1.011896	102	1.163855	15	0.000000
180080	0.9997	473	0.985404	326	1.006702	49	1.015695
180087	0.9957	293	1.006368	176	1.099155	27	0.966903
180088	0.9988	1502	1.033344	1822	0.983761	780	1.024425
180092	1.0000	218	0.927716	106	0.971727	19	0.000000
180093	0.9992	480	0.972659	422	1.024393	293	0.949511
180095	0.9869	166	1.134621	113	1.055965	15	0.000000
180101	0.9996	102	1.009974	65	0.978669	6	0.000000
180102	1.0000	479	0.995811	572	0.995860	241	0.932856
180103	0.9979	576	1.046156	556	0.935454	627	1.024864

180104	0.9965	606	1.011844	779	0.991797	481	1.097383
180105	0.9800	204	1.213719	240	1.171796	13	0.000000
180106	0.9885	165	1.087417	113	1.170037	11	0.000000
180115	0.9907	163	1.098114	61	1.016082	5	0.000000
180116	0.9892	503	1.125149	235	1.040851	39	0.980052
180117	0.9872	157	1.107779	58	1.060678	4	0.000000
180124	0.9984	213	1.034271	186	1.018098	30	1.005532
180127	0.9985	239	0.967021	254	1.036096	37	0.989052
180128	0.9899	144	1.085250	144	1.177308	6	0.000000
180130	0.9993	1346	0.984390	1617	0.922189	658	1.030913
180132	0.9991	708	1.017311	387	0.965755	276	1.007930
180138	1.0000	195	0.969918	185	0.917124	19	0.000000
180139	0.9943	124	1.141028	161	1.054375	21	0.000000
180141	0.9993	75	1.048409	65	1.054773	35	1.052962
180143	1.0000	208	0.987083	185	0.978797	163	0.964055
180149	0.9800	262	0.963361	286	1.306577	10	0.000000
190001	1.0000	181	0.866931	103	0.954879	11	0.000000
190002	0.9977	449	0.916118	718	1.023267	193	1.105143
190003	1.0000	84	0.971908	84	0.965126	52	0.990800
190004	0.9937	218	1.067068	522	1.051973	196	1.096535
190005	0.9998	26	1.008505	62	1.013836	37	0.983591
190006	0.9982	26	1.014266	48	1.051181	6	0.000000
190007	1.0000	269	0.941036	159	0.962647	13	0.000000
190008	0.9985	337	1.025616	537	1.019485	237	0.921559
190009	0.9993	26	1.016196	8	0.000000	1	0.000000
190011	0.9990	42	0.963225	51	1.035511	2	0.000000
190013	1.0000	232	0.917011	210	0.969508	57	0.953791
190014	0.9967	143	1.025345	183	1.040361	27	1.023151
190015	0.9908	470	1.208568	638	1.066501	163	0.957350
190017	0.9986	371	0.966532	514	1.028209	53	1.025977
190019	0.9952	567	0.949069	714	0.994435	391	1.117912
190020	0.9920	280	1.040580	292	1.118539	74	0.981873
190025	0.9866	304	1.081057	164	1.103739	29	0.953483
190026	0.9965	438	0.970523	616	1.006184	279	1.129623
190027	1.0000	361	0.975874	531	0.977310	221	0.941830
190034	0.9804	159	0.997414	272	1.226717	8	0.000000
190036	0.9922	292	1.090326	911	1.124206	380	1.174603
190039	0.9998	225	0.970129	476	0.979325	123	1.013298
190040	0.9914	305	1.106076	334	1.111062	108	1.015066
190041	0.9997	515	0.967681	595	0.949016	162	1.022900
190044	1.0000	297	0.896222	185	0.994316	7	0.000000
190045	1.0000	314	0.982505	418	0.925860	170	0.920017
190046	1.0000	281	0.860444	336	0.960887	56	0.980502
190050	0.9864	174	1.107519	133	1.165336	33	0.957485
190053	0.9800	409	1.137755	218	1.264787	39	0.989229
190054	0.9980	315	1.018874	242	1.032774	111	0.959277
190060	0.9962	404	0.950487	436	1.067321	122	1.091374
190064	1.0000	593	0.870661	922	0.924176	382	0.896410
190065	0.9992	284	0.898253	616	1.022349	254	1.007474
190079	0.9910	60	1.042663	94	1.097290	7	0.000000
190081	0.9909	193	1.071652	120	1.028136	10	0.000000
190086	0.9944	313	0.967709	429	1.101529	64	1.060877
190088	0.9992	160	0.995981	107	1.013876	6	0.000000
190090	0.9949	160	1.060002	89	0.916754	11	0.000000
190098	0.9968	65	1.136766	197	1.111939	76	1.066423
190099	0.9880	243	1.049691	192	1.105311	4	0.000000
190102	0.9998	469	0.915763	473	0.957627	160	1.009899
190106	0.9989	151	1.011897	90	0.958205	3	0.000000
190111	1.0000	966	0.857163	1902	0.898352	534	0.963757
190114	0.9856	223	1.122782	166	1.050601	16	0.000000
190116	0.9971	182	0.950449	121	1.064825	7	0.000000
190118	0.9913	134	1.080879	105	1.034258	6	0.000000
190122	1.0000	13	0.000000	20	0.000000	3	0.000000
190125	0.9931	538	0.897555	694	1.146505	329	1.085850
190128	1.0000	0	0.000000	0	0.000000	0	0.000000
190133	1.0000	43	0.921659	39	0.995059	2	0.000000
190135	0.9979	48	1.020248	104	1.057136	20	0.000000
190140	0.9800	285	1.230460	143	1.141968	8	0.000000
190144	0.9983	238	1.027744	215	0.954894	31	1.046309
190145	0.9932	196	1.017181	96	1.077302	3	0.000000
190146	1.0000	627	0.879455	772	0.890139	231	0.877380
190151	0.9924	110	1.048998	82	1.072297	20	0.000000
190160	0.9838	600	1.105435	678	1.190150	400	1.082693
190161	1.0000	12	0.000000	11	0.000000	2	0.000000
190164	0.9948	167	1.079510	218	1.055638	22	0.000000

190167	0.9947	474	0.946837	231	1.149032	24	0.000000
190175	0.9988	90	1.040495	133	0.992752	20	0.000000
190176	0.9994	70	0.948497	179	1.033738	95	1.009733
190177	0.9994	178	0.993858	252	1.015297	107	0.941690
190183	0.9989	62	1.012859	50	1.040071	14	0.000000
190184	1.0000	66	0.991476	31	0.951271	2	0.000000
190190	0.9981	26	0.985136	137	1.015693	6	0.000000
190199	1.0000	7	0.000000	0	0.000000	0	0.000000
190201	1.0000	25	0.997333	10	0.000000	1	0.000000
190202	0.9978	117	1.077850	199	0.979878	77	1.020108
190204	0.9945	110	1.024503	111	1.127204	44	1.013995
190205	0.9975	137	0.997726	238	1.101078	61	0.991125
190208	0.9927	49	1.110680	53	1.017379	0	0.000000
190218	1.0000	192	0.939969	82	0.988200	9	0.000000
190236	0.9986	347	0.881257	449	1.039014	134	0.988558
190241	1.0000	6	0.000000	0	0.000000	0	0.000000
190242	1.0000	91	0.943890	134	0.949708	13	0.000000
190245	1.0000	5	0.000000	0	0.000000	0	0.000000
190246	1.0000	0	0.000000	30	0.959987	0	0.000000
190250	0.9973	77	0.943479	177	0.894587	88	1.073323
190251	1.0000	0	0.000000	0	0.000000	0	0.000000
190255	1.0000	0	0.000000	0	0.000000	0	0.000000
190256	1.0000	0	0.000000	0	0.000000	0	0.000000
190257	1.0000	9	0.000000	21	0.000000	0	0.000000
190259	1.0000	0	0.000000	0	0.000000	0	0.000000
190261	1.0000	0	0.000000	0	0.000000	0	0.000000
190263	0.9955	48	0.994953	234	0.955363	306	1.051718
190266	1.0000	0	0.000000	0	0.000000	0	0.000000
190267	1.0000	0	0.000000	0	0.000000	0	0.000000
190268	1.0000	0	0.000000	0	0.000000	0	0.000000
190270	1.0000	0	0.000000	0	0.000000	0	0.000000
190273	1.0000	0	0.000000	0	0.000000	0	0.000000
190274	0.9959	59	1.017609	149	1.091360	90	1.020763
190278	1.0000	0	0.000000	0	0.000000	0	0.000000
190297	1.0000	69	0.952756	18	0.000000	0	0.000000
190298	1.0000	0	0.000000	0	0.000000	0	0.000000
190300	1.0000	0	0.000000	0	0.000000	0	0.000000
190303	1.0000	0	0.000000	0	0.000000	0	0.000000
190304	1.0000	0	0.000000	0	0.000000	0	0.000000
190307	1.0000	0	0.000000	0	0.000000	0	0.000000
200001	0.9992	488	0.934575	291	1.019640	106	0.999169
200002	1.0000	148	0.844992	172	0.956240	17	0.000000
200008	0.9989	173	0.948170	283	1.043187	68	0.968460
200009	1.0000	605	0.937391	1091	0.868120	1115	0.834651
200018	0.9990	164	1.022270	156	0.986671	135	0.922852
200019	1.0000	328	0.975988	442	0.911550	129	0.949001
200020	1.0000	303	0.920079	254	0.985629	112	0.964144
200021	0.9990	265	0.993767	207	0.998633	56	1.090636
200024	0.9996	389	1.017595	452	0.835985	386	0.855678
200025	0.9983	100	0.946695	89	1.045011	25	1.000620
200031	0.9998	122	0.956819	156	0.997314	40	1.015989
200033	0.9998	464	1.015322	688	0.921550	1238	0.865858
200034	1.0000	168	0.876406	226	0.906400	86	0.963767
200037	0.9994	180	0.946466	160	0.986999	38	1.044282
200039	1.0000	472	0.926466	484	0.998847	191	1.000486
200040	0.9980	196	0.993907	164	1.046613	63	0.993269
200041	1.0000	138	0.887125	115	0.897969	33	0.904899
200050	1.0000	266	0.977827	136	0.940474	78	0.952742
200052	0.9999	117	1.001538	79	0.881477	14	0.000000
200063	0.9970	234	0.994374	250	1.078926	58	0.984887
210001	1.0000	1003	0.975366	638	1.000139	257	0.903515
210002	1.0000	195	1.178599	327	1.049436	508	1.175106
210003	1.0000	106	1.162125	308	1.189057	140	1.105102
210004	1.0000	379	1.044329	563	0.987204	158	0.945926
210005	1.0000	915	1.011427	933	1.011772	246	1.046072
210006	1.0000	183	0.960002	296	1.058825	46	1.005517
210007	1.0000	400	0.969618	1026	0.973271	780	0.928159
210008	1.0000	189	1.129487	322	1.064758	23	0.000000
210009	1.0000	290	1.142700	701	1.062149	425	1.057608
210011	1.0000	827	1.028198	820	1.008351	169	0.920753
210012	1.0000	370	1.156361	870	1.008704	418	1.129988
210013	1.0000	97	1.022831	212	1.085796	11	0.000000
210015	1.0000	686	1.056546	1259	1.056651	264	0.942664
210016	1.0000	220	1.028576	573	1.034609	447	1.016394
210017	1.0000	108	0.931294	174	1.008546	31	0.981866

210018	1.0000	414	1.090172	449	1.117572	88	1.155150
210019	1.0000	796	0.938577	1412	0.940931	760	0.987232
210022	1.0000	560	0.967679	621	1.039504	382	1.055044
210023	1.0000	783	1.068795	1065	1.067534	318	1.173050
210024	1.0000	247	1.049999	678	0.993862	682	1.121024
210027	1.0000	693	1.068267	995	1.084254	363	1.019584
210028	1.0000	280	1.006989	470	1.025925	58	0.991128
210029	1.0000	567	1.192485	829	1.228523	174	1.090178
210030	1.0000	176	0.978401	289	0.995481	30	1.038357
210032	1.0000	361	1.069660	343	1.074213	75	0.971870
210033	1.0000	616	1.048723	798	1.018721	215	1.045938
210034	1.0000	310	1.006050	387	1.184898	38	0.946000
210035	1.0000	340	1.170319	437	1.073034	33	1.103963
210037	1.0000	591	1.011076	941	0.977990	105	1.047401
210038	1.0000	121	1.050542	140	1.014639	11	0.000000
210039	1.0000	355	1.002279	524	1.026382	77	1.081867
210040	1.0000	578	1.234342	779	1.185895	146	1.051772
210043	1.0000	969	1.171649	1224	1.126472	214	0.959058
210044	1.0000	586	0.928264	534	0.978809	40	1.018789
210045	1.0000	68	0.939249	55	0.997257	4	0.000000
210048	1.0000	671	1.129347	575	1.078890	109	0.969415
210049	1.0000	384	1.005314	792	1.041498	235	1.164376
210051	1.0000	365	1.300136	489	1.062145	39	1.059592
210054	1.0000	453	1.172939	805	1.092058	183	1.154400
210055	1.0000	108	1.010027	186	1.004248	39	1.075075
210056	1.0000	333	1.235748	1077	1.027288	155	1.151181
210057	1.0000	642	1.092551	513	1.125923	172	1.028485
210058	1.0000	0	0.000000	7	0.000000	0	0.000000
210060	1.0000	96	1.098725	189	1.088372	4	0.000000
210061	1.0000	264	1.047532	304	0.929901	18	0.000000
220001	0.9957	257	0.962515	238	1.121274	62	1.027173
220002	0.9984	531	0.919916	527	1.019406	237	1.029965
220008	0.9977	539	1.047518	401	0.945781	61	0.989348
220010	0.9964	452	1.005003	622	1.072215	132	0.981863
220011	0.9968	349	1.036738	333	1.059273	79	0.896697
220012	0.9976	573	0.926149	1068	0.930688	721	1.058079
220015	0.9988	438	0.975268	399	0.974102	94	1.110608
220016	0.9986	272	0.915731	225	0.937918	44	1.117613
220017	0.9954	154	1.079554	233	1.111748	20	0.000000
220019	0.9936	222	0.994979	207	1.131032	51	0.923876
220020	0.9921	298	1.213641	275	0.973185	57	1.044884
220024	0.9937	321	1.093611	280	1.072890	117	0.942233
220029	0.9966	367	0.990767	398	1.070566	54	1.059799
220030	0.9861	293	1.206399	271	1.018834	29	0.987672
220031	0.9921	281	1.071573	685	1.041111	330	1.243253
220033	0.9991	618	0.964410	689	0.903285	229	1.061080
220035	1.0000	863	0.916322	1006	0.872343	337	0.958163
220036	0.9925	275	1.114409	522	1.019772	366	1.101741
220046	0.9996	614	0.961648	611	0.974451	152	1.041873
220049	0.9914	223	1.072476	212	1.120254	50	1.087700
220050	1.0000	82	0.972597	96	0.919316	13	0.000000
220051	0.9990	141	1.016179	205	1.010383	49	0.956249
220052	0.9973	247	1.068392	314	1.050069	183	0.912048
220058	0.9952	64	1.007935	60	1.077227	17	0.000000
220060	0.9894	614	1.132673	523	1.143718	163	1.061392
220062	1.0000	0	0.000000	0	0.000000	0	0.000000
220063	0.9974	290	1.038355	494	1.010473	130	1.087683
220065	1.0000	225	0.926333	198	0.937159	43	0.959783
220066	1.0000	417	0.959352	464	0.922529	110	0.982937
220067	0.9937	221	1.112507	322	1.103868	82	0.971088
220070	0.9976	779	0.969692	1077	1.045244	165	1.015636
220071	0.9975	781	1.126960	1300	1.019596	805	1.035226
220073	0.9905	388	1.112039	510	1.140473	92	1.024581
220074	0.9917	1756	1.062866	2267	1.138392	1046	1.043200
220075	1.0000	2	0.000000	0	0.000000	0	0.000000
220077	1.0000	835	0.956098	1461	0.947118	1068	0.936979
220080	0.9931	362	1.099517	526	1.066383	134	1.078693
220082	0.9979	272	0.978620	515	1.039674	118	1.012563
220083	0.9995	201	1.010379	276	0.981570	33	0.993258
220084	1.0000	244	0.925085	304	0.941412	59	0.918675
220086	0.9931	713	1.039536	1167	1.081432	657	1.155395
220088	0.9999	64	1.013526	65	0.985396	5	0.000000
220090	0.9912	483	1.059351	554	1.119288	93	1.108619
220095	0.9948	186	1.102358	172	0.936361	54	1.020376
220098	0.9979	193	0.961785	138	1.047070	22	0.000000

220100	0.9977	1025	1.001742	1480	1.047965	307	0.940074
220101	0.9977	493	0.913472	632	1.063446	95	1.033364
220105	0.9959	602	1.002960	658	1.095834	159	1.004305
220108	0.9931	252	1.132385	317	1.072048	68	1.031114
220110	0.9970	483	0.972976	933	0.996443	548	1.159477
220111	0.9927	522	1.099742	575	1.073882	183	1.098211
220116	0.9915	358	1.147861	443	1.081804	438	1.107090
220119	0.9915	411	1.146741	344	1.064235	22	0.000000
220126	0.9955	293	0.990946	596	1.088776	199	1.070546
220135	0.9994	306	1.026612	536	0.924848	164	0.966592
220163	0.9927	960	1.105045	1156	1.056556	823	1.129726
220171	0.9946	767	1.004158	995	1.067815	662	1.104808
220174	1.0000	293	1.000422	350	0.955042	67	0.955319
220175	0.9905	500	1.140596	802	1.067709	153	1.177907
220176	0.9970	310	1.001374	421	1.090909	188	0.962855
220177	0.9986	29	0.987279	30	1.023179	2	0.000000
230002	0.9903	796	1.026911	887	1.239213	319	1.024684
230003	1.0000	101	0.973524	102	0.937555	10	0.000000
230004	1.0000	286	0.940081	412	0.849614	360	0.759055
230005	1.0000	222	0.888743	235	0.874193	88	0.875484
230013	0.9972	57	1.032479	115	1.054248	8	0.000000
230015	1.0000	113	0.990777	141	0.866618	5	0.000000
230017	1.0000	611	0.794964	768	0.864056	383	0.854533
230019	0.9942	977	1.041528	1844	1.074150	526	1.101828
230020	0.9920	799	1.094661	1661	1.121973	1143	1.044081
230021	0.9978	560	0.903707	934	0.933318	416	1.075547
230022	0.9989	222	0.983992	146	1.043815	31	0.960889
230024	0.9889	242	1.068274	760	1.248600	464	1.083324
230029	1.0000	575	0.971834	953	0.914804	388	0.941970
230030	1.0000	266	0.860530	345	0.960394	55	0.939160
230031	0.9992	184	0.986563	270	0.952469	60	1.083787
230035	0.9993	210	0.975806	180	1.015907	15	0.000000
230036	1.0000	294	0.879565	354	0.839611	66	0.859490
230037	0.9950	342	1.062399	152	0.982936	40	0.891256
230038	1.0000	1149	0.954380	1363	0.874277	740	0.866985
230040	1.0000	175	0.964272	159	0.888498	33	0.970398
230041	0.9960	419	0.960019	1097	0.893472	424	1.125551
230046	0.9974	629	1.100900	926	1.078804	326	1.028612
230047	0.9967	882	1.035369	1438	1.031632	617	1.036384
230053	0.9920	410	1.164795	1141	1.166377	560	1.118219
230054	1.0000	200	0.874662	300	0.789841	373	0.793147
230055	1.0000	197	0.928989	189	0.927239	75	0.911682
230058	0.9993	193	0.864360	201	1.018005	39	0.947652
230059	1.0000	207	0.922907	443	0.955508	92	0.977496
230066	1.0000	160	0.935793	138	0.890294	30	0.899396
230069	0.9984	194	1.000093	230	1.037318	23	0.000000
230070	0.9931	663	1.000224	1085	1.159002	681	1.067952
230071	1.0000	0	0.000000	0	0.000000	0	0.000000
230072	1.0000	218	0.953312	165	0.949766	89	0.973308
230075	0.9997	470	1.011489	597	0.962633	125	0.877444
230077	0.9997	462	0.984259	615	1.009489	507	0.926547
230078	0.9960	108	1.048424	44	0.978252	2	0.000000
230080	0.9969	321	1.050249	218	0.995935	54	1.009154
230081	1.0000	173	0.984839	272	0.965857	87	0.968838
230085	0.9985	71	0.881061	62	1.029932	12	0.000000
230089	0.9943	358	1.115227	598	1.088416	128	1.018641
230092	0.9988	766	0.962017	827	1.037980	386	0.985313
230093	1.0000	100	0.935945	103	0.880941	14	0.000000
230095	1.0000	265	0.913841	292	0.891215	33	0.960962
230096	1.0000	155	0.923277	118	0.913106	18	0.000000
230097	1.0000	679	0.971592	998	0.788088	1076	0.990157
230099	1.0000	406	0.944614	410	0.964669	220	0.930136
230100	1.0000	173	0.923762	178	0.967621	19	0.000000
230104	0.9919	225	1.022093	805	1.091035	396	1.143814
230105	1.0000	312	0.866492	462	0.868715	407	0.840304
230106	1.0000	145	0.912592	90	0.953690	8	0.000000
230108	1.0000	102	0.993590	85	0.992494	27	0.963800
230110	1.0000	244	0.828201	130	0.812039	18	0.000000
230117	0.9999	483	1.008749	877	0.976190	851	0.905452
230118	0.9986	118	1.006148	95	1.025282	26	0.988076
230121	1.0000	234	0.887187	157	0.864497	34	0.945087
230130	0.9955	1061	1.151331	2277	1.088731	1068	0.943974
230132	0.9981	260	1.078763	401	0.937892	91	1.047067
230133	1.0000	192	0.880785	107	0.998799	12	0.000000
230141	0.9997	468	1.018197	1310	0.991387	598	0.998945

230142	0.9940	332	1.153445	466	1.040527	120	1.036978
230144	1.0000	0	0.000000	0	0.000000	0	0.000000
230146	0.9943	730	1.048009	966	1.078043	282	1.058253
230151	0.9958	431	1.059576	670	1.080473	234	1.037961
230156	0.9994	851	1.000040	1301	1.020061	827	0.950019
230165	0.9903	413	1.086271	1657	1.147570	503	1.148258
230167	0.9992	431	0.942649	704	1.023031	312	0.941407
230174	1.0000	67	0.954379	58	0.969332	14	0.000000
230176	0.9946	465	1.089047	530	0.985784	143	1.133964
230180	0.9972	135	1.036500	189	0.947999	31	1.091682
230193	0.9935	308	1.067193	367	1.099897	84	0.943594
230195	0.9948	949	1.070196	1755	1.039364	380	1.111559
230197	0.9996	958	1.010964	1064	0.920708	498	0.990747
230207	0.9998	121	0.959806	266	0.955960	46	1.028044
230208	1.0000	61	0.988392	95	0.869080	9	0.000000
230216	0.9897	427	1.112313	532	1.131457	367	1.087401
230217	1.0000	173	0.925709	154	0.915113	28	0.977834
230222	0.9992	629	0.881608	578	1.013990	493	1.007146
230227	0.9968	370	1.021550	880	1.016583	278	1.099758
230230	0.9995	637	0.994271	811	1.020879	449	0.919291
230236	0.9998	181	0.989776	244	0.864717	89	1.012952
230239	1.0000	186	0.955518	138	0.873444	71	0.983834
230241	0.9950	153	1.044573	164	1.047309	12	0.000000
230244	0.9839	441	1.196618	671	1.110197	215	1.158587
230254	0.9986	377	1.050420	568	0.895584	143	1.013340
230259	1.0000	154	0.957865	119	0.936707	17	0.000000
230264	1.0000	0	0.000000	0	0.000000	0	0.000000
230269	0.9916	791	1.141996	1435	1.125345	613	1.056018
230270	0.9967	380	1.056847	288	1.038236	65	0.997931
230273	0.9940	160	0.975663	390	1.211239	140	1.065562
230275	1.0000	0	0.000000	0	0.000000	0	0.000000
230277	0.9961	220	0.964997	546	1.086717	211	0.975576
230279	1.0000	0	0.000000	0	0.000000	0	0.000000
230297	1.0000	46	0.992105	6	0.000000	2	0.000000
230301	1.0000	0	0.000000	0	0.000000	0	0.000000
230302	0.9977	380	1.037991	426	1.002243	126	1.072154
240001	1.0000	244	0.923994	417	0.922962	219	0.892580
240002	0.9997	300	1.031555	418	0.917395	627	0.855197
240004	0.9985	140	1.067846	167	1.070552	66	0.941481
240006	1.0000	49	0.951505	25	0.973957	3	0.000000
240010	1.0000	740	0.902396	1379	0.920575	767	0.856142
240014	0.9996	89	0.946247	80	1.010532	15	0.000000
240018	0.9998	75	0.922731	70	0.987289	26	1.010539
240019	1.0000	44	0.937220	23	0.000000	1	0.000000
240020	1.0000	48	0.948198	71	0.983540	12	0.000000
240022	1.0000	66	0.954574	60	0.999082	5	0.000000
240030	1.0000	97	0.962631	95	0.910180	11	0.000000
240036	0.9995	483	1.043646	788	0.957849	479	0.853764
240038	1.0000	260	0.992490	462	0.925455	296	0.978610
240040	0.9989	146	1.014070	94	0.983759	35	1.059844
240043	1.0000	211	0.911164	102	0.887556	71	0.914054
240044	0.9978	238	1.031577	135	0.927748	32	0.976635
240047	1.0000	254	0.976864	280	0.954593	218	0.935179
240050	0.9992	65	1.047804	114	0.939335	17	0.000000
240052	1.0000	137	0.947740	106	0.978402	35	0.937349
240053	0.9990	533	1.060459	581	0.921763	252	0.969537
240056	0.9997	135	1.014545	118	1.000753	29	0.979936
240057	1.0000	299	0.957935	750	0.906812	597	0.825630
240059	0.9989	76	0.981211	73	1.034690	28	0.968593
240061	1.0000	43	0.994820	10	0.000000	3	0.000000
240063	0.9996	183	1.047369	309	0.838197	290	0.925974
240064	1.0000	144	0.910078	65	0.899145	28	0.989635
240066	1.0000	60	0.975170	77	0.942606	11	0.000000
240069	1.0000	113	0.945610	124	0.904406	24	0.000000
240071	1.0000	97	0.955179	72	0.970997	9	0.000000
240075	0.9961	155	1.069467	225	1.112658	72	0.993872
240076	0.9989	76	1.000611	88	1.030772	6	0.000000
240078	1.0000	299	0.960504	419	0.875353	300	0.978234
240080	0.9991	127	0.904210	233	1.067208	123	0.965051
240084	0.9995	66	1.015639	75	0.925781	32	1.003858
240088	1.0000	186	0.920336	106	0.935053	25	0.964280
240093	0.9997	228	1.020167	286	0.821061	182	0.973028
240100	0.9998	186	0.991907	139	0.881205	28	1.028108
240101	1.0000	99	0.923875	40	0.950812	17	0.000000
240104	0.9992	137	0.965241	106	1.046432	6	0.000000

240106	0.9999	130	0.899545	252	1.011669	246	0.872557
240115	0.9986	214	0.904301	371	0.921477	201	1.087427
240117	0.9978	372	1.006978	227	1.028870	22	0.000000
240132	0.9988	170	1.084855	196	0.989966	23	0.000000
240141	1.0000	62	0.899479	52	0.972325	21	0.000000
240166	0.9849	187	1.055601	154	1.245205	26	0.959724
240187	0.9991	83	0.920188	72	1.033482	11	0.000000
240196	1.0000	0	0.000000	0	0.000000	0	0.000000
240206	1.0000	9	0.000000	9	0.000000	0	0.000000
240207	0.9966	182	1.089368	235	1.093551	56	0.983271
240210	0.9990	250	1.027327	248	1.024186	57	1.039157
240213	0.9997	124	1.021561	130	0.947052	12	0.000000
240214	0.9997	44	1.012632	43	0.999070	7	0.000000
250001	1.0000	146	0.892593	274	0.951076	267	0.993143
250002	1.0000	148	0.937587	80	0.974171	7	0.000000
250004	0.9980	789	1.107138	1026	0.931631	734	0.982656
250006	0.9991	174	0.996335	162	1.024559	27	0.991803
250007	0.9936	188	1.026488	280	1.166730	28	1.000791
250009	0.9912	480	1.141083	539	1.111275	306	0.967287
250010	0.9878	152	1.081692	108	1.051631	7	0.000000
250012	0.9941	68	1.065638	68	1.025332	3	0.000000
250015	0.9978	134	0.973151	158	1.060930	44	1.016538
250017	0.9948	108	1.031307	62	1.059747	18	0.000000
250018	1.0000	4	0.000000	1	0.000000	1	0.000000
250019	0.9956	459	1.009009	961	1.078603	433	1.023046
250020	0.9899	275	1.092622	141	0.995374	9	0.000000
250025	0.9973	199	0.966262	182	1.063991	31	1.030168
250027	1.0000	106	0.961690	32	0.957186	2	0.000000
250031	0.9974	344	1.042430	473	0.984316	142	1.083046
250034	0.9989	379	1.043385	399	0.978212	280	0.981032
250036	1.0000	116	0.992774	121	0.958895	8	0.000000
250038	0.9826	51	1.036332	114	1.238288	8	0.000000
250040	0.9897	576	1.192871	822	1.117186	435	1.073678
250042	0.9825	89	0.996862	370	1.292198	76	1.148058
250043	1.0000	103	0.955370	80	0.986878	6	0.000000
250044	1.0000	146	0.971671	129	0.962377	10	0.000000
250048	0.9994	775	1.016150	1173	1.009245	601	0.988727
250049	0.9885	167	1.057999	77	1.128909	3	0.000000
250050	0.9947	167	1.106638	95	1.024979	13	0.000000
250051	1.0000	33	0.976547	17	0.000000	0	0.000000
250057	0.9981	243	0.992965	201	1.041283	17	0.000000
250058	0.9980	464	1.033684	350	0.969909	47	1.080122
250059	0.9953	182	0.989881	135	1.085274	8	0.000000
250060	0.9989	25	1.025873	22	0.000000	0	0.000000
250061	0.9970	82	0.995250	82	1.039786	0	0.000000
250067	0.9933	137	0.900249	193	1.082052	10	0.000000
250069	1.0000	191	0.889908	236	0.942728	149	0.810740
250072	0.9967	162	1.087371	225	1.055155	92	1.038594
250077	0.9974	177	1.017294	164	1.025776	18	0.000000
250078	0.9958	717	1.030264	950	1.107809	542	1.030732
250079	0.9958	30	1.045003	48	1.018597	2	0.000000
250081	1.0000	96	0.990084	141	0.961278	10	0.000000
250082	0.9991	196	0.996421	490	0.979936	157	1.044499
250084	0.9985	226	1.021466	165	0.980671	36	1.024772
250085	0.9957	141	0.961627	107	1.068062	12	0.000000
250093	0.9851	134	1.108494	335	1.226662	20	0.000000
250094	0.9977	294	1.001197	362	1.068358	156	1.021474
250095	0.9974	73	1.028266	103	1.020729	14	0.000000
250096	0.9981	178	0.955912	185	1.056270	25	1.074089
250097	0.9960	282	1.026629	346	1.085315	175	0.987690
250099	0.9965	182	0.970288	364	1.050692	119	1.112960
250100	1.0000	351	0.855527	242	0.915844	120	0.943526
250102	0.9953	812	1.141976	801	1.035997	320	1.039582
250104	1.0000	652	0.946129	604	0.954749	270	0.936057
250117	0.9823	182	1.136661	144	1.162294	45	0.937703
250122	0.9911	217	1.102305	253	1.071952	57	1.080206
250123	0.9963	115	1.116190	168	1.041730	18	0.000000
250124	0.9912	325	1.017143	197	1.064971	5	0.000000
250126	0.9901	83	1.046064	59	1.153699	1	0.000000
250127	1.0000	2	0.000000	4	0.000000	0	0.000000
250128	0.9976	156	0.990164	107	1.067941	16	0.000000
250134	1.0000	28	0.980150	5	0.000000	1	0.000000
250136	1.0000	0	0.000000	0	0.000000	0	0.000000
250138	0.9982	109	0.960078	111	1.114095	13	0.000000
250141	0.9864	638	1.182899	849	1.041448	556	1.158415

250151	1.0000	0	0.000000	0	0.000000	0	0.000000
250152	1.0000	0	0.000000	0	0.000000	0	0.000000
250162	0.9952	168	1.015962	119	1.081396	17	0.000000
250166	1.0000	0	0.000000	0	0.000000	0	0.000000
260001	0.9934	463	1.072971	434	1.013645	290	1.157669
260004	1.0000	92	0.961257	50	0.936550	2	0.000000
260005	0.9967	278	1.001449	370	1.032012	232	1.070272
260006	0.9982	956	1.044788	827	1.011487	519	0.989066
260009	0.9971	456	0.922732	362	1.074035	74	0.924073
260011	0.9974	455	1.080617	399	1.007719	125	1.020983
260015	0.9968	222	1.056687	121	0.958512	17	0.000000
260017	1.0000	418	0.906443	362	0.961695	85	0.966888
260020	0.9934	797	1.087225	959	1.150241	341	0.943195
260022	0.9973	157	0.935662	112	1.113044	17	0.000000
260023	0.9958	506	1.038298	682	1.063181	336	0.941333
260024	0.9959	192	0.976654	83	1.113666	16	0.000000
260025	1.0000	451	0.959684	345	0.943251	158	0.930935
260027	0.9991	191	1.067864	295	0.969167	162	0.969033
260032	0.9940	568	1.232318	1198	1.207661	654	1.047374
260034	0.9903	169	1.047125	125	1.085935	9	0.000000
260040	0.9985	1045	0.958367	791	0.858142	595	1.056991
260047	0.9966	428	1.039802	431	1.055301	202	0.893676
260048	0.9980	50	1.040378	109	1.109204	21	0.000000
260050	1.0000	124	0.866198	90	0.854508	11	0.000000
260052	0.9979	238	1.054913	274	0.955732	56	0.936270
260057	0.9988	280	1.012014	136	0.998245	17	0.000000
260059	0.9961	171	1.072818	119	0.977890	5	0.000000
260061	1.0000	104	0.956966	86	0.970604	11	0.000000
260062	0.9982	189	1.051892	198	0.961977	86	1.018137
260064	1.0000	288	0.937033	332	0.790240	51	0.949152
260065	1.0000	764	0.915420	938	0.780874	562	0.911650
260068	1.0000	634	0.933181	962	0.853898	661	0.990468
260070	0.9950	51	1.045323	158	1.069051	8	0.000000
260074	0.9993	150	0.992588	154	0.958432	63	1.031005
260077	0.9905	1072	1.150883	1205	1.058128	446	1.091769
260078	0.9984	361	1.034254	223	0.900746	132	0.892054
260080	0.9832	86	1.099962	44	1.074405	3	0.000000
260081	0.9961	323	1.080807	507	0.957713	270	1.080697
260085	0.9978	621	0.910791	595	0.922601	300	1.073031
260091	0.9941	325	1.075753	623	1.128673	164	1.014832
260094	1.0000	302	0.906637	388	0.956642	209	0.997442
260095	0.9975	351	1.029882	474	0.867360	254	1.073738
260096	0.9976	806	1.031333	1032	0.996754	379	1.080357
260097	1.0000	200	0.960173	131	0.996632	23	0.000000
260102	0.9987	39	1.066412	30	0.953353	0	0.000000
260104	0.9916	286	1.085808	662	1.179498	250	1.120172
260105	0.9987	174	1.048442	235	1.056922	80	1.028471
260108	0.9980	1028	1.029650	1371	0.954541	704	1.036946
260110	0.9986	462	0.982252	451	0.995656	255	1.043713
260113	0.9894	376	1.135196	331	1.045704	36	1.005153
260115	1.0000	172	0.967753	165	0.888451	22	0.000000
260116	0.9997	230	0.994601	160	1.008625	7	0.000000
260119	0.9947	473	0.953416	558	1.111621	151	1.058543
260137	1.0000	589	0.841426	459	0.952864	453	0.982188
260138	0.9960	444	1.119680	736	0.951511	456	1.089522
260141	0.9989	269	0.928089	258	0.900306	200	1.081221
260142	0.9991	205	0.989317	116	1.020441	26	0.963924
260147	0.9972	36	1.021065	50	1.023248	0	0.000000
260160	0.9885	239	1.031962	183	1.082966	20	0.000000
260162	1.0000	98	0.955986	137	0.875060	14	0.000000
260163	1.0000	296	0.937884	244	0.998236	42	0.904920
260175	1.0000	234	0.973624	235	0.954472	23	0.000000
260176	0.9951	375	1.134041	252	0.883771	163	1.071066
260177	0.9963	578	1.011929	518	1.058696	206	1.062393
260179	1.0000	935	1.001196	951	0.900607	442	0.995971
260180	0.9970	363	1.102182	763	0.967026	370	1.032557
260183	1.0000	786	0.978559	620	0.929473	232	0.937459
260186	0.9995	437	0.821295	426	1.010390	297	0.936244
260190	0.9941	156	1.120880	157	1.071834	75	0.957287
260191	0.9999	283	0.975706	313	1.003185	133	0.953159
260193	0.9933	297	1.133695	143	0.964663	109	1.005094
260195	0.9962	181	0.979318	123	1.115136	55	0.933365
260200	1.0000	230	0.952868	395	0.894204	96	0.972912
260207	1.0000	124	0.960975	37	0.967472	8	0.000000
260209	1.0000	84	0.936645	62	0.932087	4	0.000000



260210	0.9987	155	0.967361	135	1.054747	17	0.000000
260211	1.0000	1	0.000000	2	0.000000	1	0.000000
260214	0.9967	79	1.103344	62	1.007228	13	0.000000
260216	0.9944	390	1.091244	372	1.064806	157	0.997214
260219	0.9984	122	0.934368	100	1.045338	16	0.000000
260227	1.0000	0	0.000000	0	0.000000	0	0.000000
270003	1.0000	312	0.943485	152	0.876724	90	0.853104
270004	1.0000	405	0.943856	504	0.756253	353	0.945986
270012	1.0000	342	0.867407	346	0.888252	206	0.921321
270014	1.0000	335	0.814193	288	0.847992	374	0.713172
270017	0.9991	177	0.945326	129	1.025255	44	1.027769
270023	0.9998	76	0.859926	88	1.015555	21	0.000000
270032	1.0000	148	0.973314	68	0.923400	8	0.000000
270049	1.0000	435	0.837327	362	0.835582	303	0.868060
270051	1.0000	333	0.785181	237	0.870786	176	0.931673
270057	1.0000	246	0.850461	169	0.865877	93	0.887884
270074	0.9991	85	1.006817	17	0.000000	0	0.000000
270086	1.0000	27	0.987596	3	0.000000	0	0.000000
270087	1.0000	8	0.000000	0	0.000000	0	0.000000
280003	1.0000	910	0.952799	791	0.786742	592	0.950708
280009	1.0000	418	0.925047	369	0.800607	235	0.846490
280013	0.9995	475	1.033013	513	0.969860	300	1.002107
280020	0.9993	751	0.949502	430	1.020153	129	1.027259
280023	0.9991	482	0.983551	318	1.023480	113	1.010398
280030	0.9993	149	1.060718	305	0.983751	299	0.830673
280032	1.0000	309	0.912293	260	0.975411	34	0.957069
280040	0.9987	604	1.053535	483	0.894420	232	0.892767
280060	1.0000	328	0.993192	517	0.845348	264	0.993975
280061	1.0000	336	0.848545	194	0.865233	63	0.953899
280065	0.9992	334	0.979091	202	1.021264	39	1.021797
280077	1.0000	240	0.981946	183	0.818446	65	0.960439
280081	0.9986	236	1.046482	206	0.965597	124	1.018503
280105	1.0000	151	0.955765	154	0.957973	56	0.982511
280111	0.9985	175	0.997563	121	1.045984	20	0.000000
280119	1.0000	8	0.000000	1	0.000000	0	0.000000
280125	1.0000	306	0.962931	223	0.916819	178	0.870727
280127	1.0000	0	0.000000	0	0.000000	0	0.000000
280128	1.0000	29	0.970474	498	0.842853	387	0.903934
280129	1.0000	0	0.000000	0	0.000000	0	0.000000
280130	0.9997	277	1.008529	288	0.915982	111	0.917011
280131	1.0000	0	0.000000	0	0.000000	0	0.000000
280132	0.9993	136	0.989649	108	1.019021	53	0.901216
280133	1.0000	0	0.000000	0	0.000000	0	0.000000
290001	0.9990	472	1.068551	557	1.000626	526	0.869875
290002	1.0000	47	0.931555	23	0.000000	2	0.000000
290003	0.9960	404	1.032503	472	1.102277	371	1.054205
290005	0.9959	112	0.963407	154	1.140847	17	0.000000
290006	0.9957	180	1.043593	99	1.035435	7	0.000000
290007	0.9990	145	0.965870	165	1.071237	60	0.995572
290008	0.9963	244	0.851204	67	1.134119	30	1.010075
290009	0.9994	402	0.990187	333	1.026960	201	0.885730
290012	0.9935	168	1.205986	184	1.085086	46	0.999086
290019	0.9974	484	0.940038	508	1.045718	334	1.029561
290020	1.0000	5	0.000000	15	0.000000	3	0.000000
290021	0.9911	244	1.134009	343	1.056301	213	1.182710
290022	0.9945	301	1.122484	296	1.091591	199	1.022174
290032	0.9987	121	1.042718	89	0.976387	47	1.030214
290039	0.9965	488	1.048670	683	1.022047	285	1.082208
290041	0.9991	377	1.025347	398	0.876602	162	1.013410
290042	1.0000	5	0.000000	0	0.000000	0	0.000000
290045	0.9996	328	1.026110	426	0.911903	264	0.872022
290046	0.9970	218	1.105996	177	1.055515	130	0.962589
290047	0.9968	184	0.962059	156	1.120704	30	1.058707
290049	1.0000	164	0.894495	73	0.960965	11	0.000000
290051	1.0000	0	0.000000	0	0.000000	0	0.000000
290053	0.9976	181	0.975001	202	1.052668	64	1.073242
290054	0.9970	144	1.039470	181	1.083501	74	1.021074
300001	0.9992	648	1.025869	649	1.001987	254	0.882841
300003	1.0000	377	0.816148	520	0.781361	1026	0.787827
300005	1.0000	232	0.896921	171	0.919808	62	0.898473
300011	0.9920	316	1.053544	378	1.138088	126	0.984372
300012	0.9984	539	1.025240	402	0.977801	164	1.047611
300014	1.0000	277	0.927632	219	0.997937	23	0.000000
300017	0.9951	237	0.993617	313	1.074094	111	1.027782
300018	1.0000	292	0.977420	452	0.902256	117	0.997574

300019	0.9993	364	0.890758	199	1.020118	55	0.953354
300020	1.0000	358	0.963780	352	0.897093	146	0.903666
300023	0.9999	322	0.948422	418	0.934355	151	1.003237
300029	1.0000	163	0.921721	252	0.952329	338	0.991526
300034	1.0000	439	0.958873	509	0.945297	545	0.806521
310001	0.9939	893	1.053691	1710	1.067889	937	1.080837
310002	0.9884	237	1.054813	837	1.101719	367	1.186240
310003	0.9852	307	1.081483	531	1.262712	133	1.104676
310005	0.9986	343	1.045035	341	0.919864	114	0.989342
310006	0.9957	454	1.100389	817	0.964830	93	1.076396
310008	0.9929	698	1.008976	989	1.116060	277	1.117489
310009	0.9952	431	1.104734	917	1.060619	272	0.986727
310010	0.9985	416	1.000732	585	1.028952	180	1.042716
310011	0.9950	583	1.046407	619	1.066966	56	1.163684
310012	0.9914	1244	1.034126	2110	1.113952	883	1.079548
310014	0.9909	192	1.126593	544	1.088610	402	1.181605
310015	1.0000	845	0.901214	1417	0.906090	1162	0.961633
310016	0.9863	233	1.177296	501	1.215078	99	1.032813
310017	0.9975	543	0.957089	612	1.057985	169	1.035539
310019	0.9855	642	1.062437	1358	1.185759	443	1.221643
310021	0.9931	178	1.041975	367	1.069060	283	1.036127
310022	0.9950	1244	1.090620	1513	1.034419	519	1.069756
310024	0.9966	378	0.961267	769	1.053831	127	1.032186
310025	0.9896	201	1.030120	427	1.169337	248	1.066308
310027	0.9928	324	1.134796	514	1.104524	156	1.014072
310028	0.9959	514	0.899632	609	1.069935	104	1.055052
310029	0.9948	380	1.051815	847	1.077209	802	1.017947
310031	0.9935	60	1.026304	372	0.969653	399	1.098386
310032	1.0000	529	0.932177	1108	0.980608	187	0.951726
310034	0.9976	444	1.003633	675	1.056886	214	1.025913
310038	0.9927	727	1.033689	1542	1.018634	931	1.123934
310039	0.9863	546	1.097758	961	1.164012	258	1.147761
310040	0.9882	256	1.072683	291	1.204815	34	1.020419
310041	0.9922	1363	0.965107	2382	1.091907	715	1.179277
310044	0.9973	161	1.069813	303	1.041653	55	0.968219
310045	0.9952	531	1.004784	901	1.010047	416	1.150773
310047	0.9976	297	0.980549	591	1.051249	123	1.071971
310048	0.9930	599	0.984836	1037	1.150138	317	0.977397
310050	0.9920	530	1.058456	1067	1.060376	233	1.208804
310051	1.0000	926	0.939260	1221	0.911123	324	0.945229
310052	0.9948	828	1.041322	1443	1.043740	262	1.102325
310054	0.9986	412	1.035737	638	0.970259	200	1.031152
310057	0.9988	573	0.855779	888	1.031490	311	1.009321
310058	0.9961	86	1.090021	31	0.926252	15	0.000000
310060	0.9973	277	0.939939	401	1.058193	61	1.052449
310061	0.9965	187	1.025592	399	1.016341	76	1.192640
310064	0.9972	694	1.041864	1264	1.025447	571	1.038326
310069	0.9984	228	1.027680	283	0.941553	56	1.043876
310070	0.9927	417	1.154354	515	1.114703	128	1.049343
310073	0.9975	574	0.927015	1678	0.983616	983	1.055305
310074	0.9800	141	1.085730	523	1.272848	225	1.198333
310075	1.0000	315	0.986454	538	0.945028	121	0.960692
310076	0.9990	642	0.958233	1124	1.025548	450	0.948923
310081	0.9875	497	1.064687	824	1.174044	194	1.145209
310083	0.9888	170	1.241722	331	1.146050	126	1.180173
310084	0.9869	444	1.128688	613	1.176115	165	1.117831
310086	0.9881	1163	1.186734	1520	1.127846	287	1.037029
310091	0.9900	248	1.145082	305	1.119691	52	1.027949
310092	0.9956	200	1.099611	269	1.167519	22	0.000000
310096	0.9834	173	1.168870	648	1.057588	229	1.385571
310108	0.9965	833	1.021030	1193	1.049787	285	1.044301
310110	0.9940	461	1.065949	760	1.080849	142	1.101244
310111	0.9998	688	1.003733	732	0.973770	115	1.013000
310112	0.9938	420	1.011714	493	1.128890	201	1.025454
310113	1.0000	395	0.909516	532	0.981670	130	0.985032
310115	0.9949	159	0.980385	393	1.102047	93	0.969753
310118	0.9902	140	1.157955	199	1.090029	21	0.000000
310119	0.9971	85	1.034983	181	1.117262	68	1.051370
310120	0.9961	59	1.035429	94	1.047962	19	0.000000
320001	1.0000	161	0.891218	139	0.978235	140	0.971149
320002	0.9976	307	1.102366	254	0.805578	193	0.973156
320003	1.0000	130	0.993206	92	0.917781	5	0.000000
320004	1.0000	173	0.930821	127	0.980386	20	0.000000
320005	1.0000	436	0.860915	340	0.984233	164	0.837818
320006	0.9995	277	1.010699	177	0.987976	117	0.989146

320009	1.0000	140	0.965402	267	0.877900	251	0.778642
320011	0.9996	109	1.009203	54	0.966014	6	0.000000
320013	0.9989	169	0.987541	66	1.050063	7	0.000000
320014	1.0000	0	0.000000	0	0.000000	0	0.000000
320016	0.9990	153	1.025285	127	0.930865	13	0.000000
320017	1.0000	79	0.906849	25	0.952203	7	0.000000
320018	0.9996	385	1.014298	247	0.920860	178	0.904366
320021	0.9996	619	0.875431	471	0.885956	441	1.014411
320022	1.0000	212	0.903438	144	0.972219	28	0.974829
320030	1.0000	107	0.980099	42	0.959078	13	0.000000
320033	1.0000	73	0.996354	39	0.892815	0	0.000000
320038	1.0000	222	0.924038	90	0.955645	11	0.000000
320057	1.0000	6	0.000000	1	0.000000	0	0.000000
320058	1.0000	25	0.967745	3	0.000000	0	0.000000
320059	0.9989	228	0.885683	56	1.036394	1	0.000000
320060	1.0000	40	0.959613	11	0.000000	1	0.000000
320061	0.9948	231	1.057745	64	1.010467	6	0.000000
320062	1.0000	58	0.928458	15	0.000000	1	0.000000
320063	0.9994	158	1.021246	161	0.932293	36	0.957996
320065	0.9970	82	0.905252	76	1.142898	10	0.000000
320067	0.9990	28	1.012239	17	0.000000	5	0.000000
320070	1.0000	17	0.000000	8	0.000000	1	0.000000
320074	1.0000	95	0.956369	43	0.988624	4	0.000000
320084	0.9978	129	1.015358	64	1.015941	12	0.000000
320085	0.9961	346	1.125150	265	1.022372	297	0.940751
320086	1.0000	86	0.984221	128	0.969524	7	0.000000
330002	0.9986	158	1.036161	131	1.007000	16	0.000000
330003	0.9955	293	1.054179	248	1.051503	42	1.064058
330004	0.9925	450	1.073363	510	1.112914	144	1.030313
330005	0.9936	746	0.972614	1226	1.063448	740	1.149487
330006	0.9948	163	1.065065	209	1.125821	32	0.981826
330008	0.9982	100	1.008486	73	1.039010	11	0.000000
330009	0.9945	115	1.227728	177	1.104085	42	1.044069
330011	0.9980	590	0.987324	514	1.022974	203	1.075011
330013	0.9993	225	1.035314	392	1.027643	394	0.994787
330014	0.9915	173	1.067537	415	1.119677	189	1.179493
330019	0.9905	236	1.085920	538	1.156905	90	1.089288
330023	0.9921	722	1.151543	1281	1.094083	533	0.975024
330024	0.9954	874	1.122556	1445	1.066401	575	1.110335
330027	0.9901	141	1.207812	211	1.253232	50	1.082027
330028	0.9961	226	1.042511	177	1.113852	73	1.092114
330029	1.0000	0	0.000000	0	0.000000	0	0.000000
330030	0.9961	157	1.059596	143	1.048475	29	1.003112
330033	0.9999	144	0.956901	129	1.001969	53	0.954018
330037	0.9973	114	1.044630	99	0.987249	20	0.000000
330043	1.0000	389	0.967588	612	0.953571	230	0.990410
330044	0.9952	613	1.111076	594	1.053353	152	1.006916
330045	0.9948	769	1.138735	1022	1.027446	234	0.958761
330046	0.9890	553	1.154216	617	1.279662	350	1.114041
330047	1.0000	243	0.895239	422	0.961329	93	0.899217
330049	0.9995	113	1.023321	170	0.955895	33	0.996662
330053	0.9956	132	1.030842	120	1.042476	26	0.949950
330055	0.9913	946	1.130684	1293	1.084836	363	1.112074
330056	0.9944	202	1.075747	278	1.133798	71	1.041648
330057	0.9993	661	1.036443	812	0.945764	576	0.942047
330058	1.0000	116	0.908807	162	0.999873	31	0.982262
330059	0.9921	816	1.076334	1419	1.148379	540	1.178336
330061	0.9990	388	1.021984	458	0.995786	58	1.044009
330064	0.9937	263	1.094255	158	1.106799	32	0.958751
330065	0.9971	107	1.028103	145	1.071560	31	1.021431
330067	0.9936	192	1.193806	148	1.161363	30	1.047567
330073	0.9943	157	1.076762	175	1.069858	30	0.953053
330074	0.9968	178	1.058034	143	1.020429	35	1.014236
330078	0.9973	244	0.983454	492	1.078481	98	0.981997
330079	0.9996	99	1.017830	130	0.984092	40	0.959017
330080	0.9958	113	1.099254	120	1.102506	52	1.061781
330084	0.9966	135	1.010780	130	1.063171	31	1.067353
330085	0.9904	244	0.983331	319	1.148672	67	1.068648
330086	0.9971	75	1.077845	112	1.037012	27	0.943245
330088	1.0000	138	0.976478	81	0.987539	29	0.976195
330090	0.9923	520	1.143857	373	0.971734	343	1.081260
330094	0.9952	307	1.090250	329	1.049895	118	0.982732
330096	0.9982	116	0.976455	121	1.035439	24	0.000000
330100	1.0000	0	0.000000	0	0.000000	0	0.000000
330101	0.9965	1390	1.084379	2376	1.081051	1402	1.017086

330102	0.9991	101	1.032716	271	0.921138	80	1.050746
330103	0.9970	283	1.014118	302	1.059882	93	1.003857
330104	0.9932	530	1.119316	512	1.094037	85	1.089093
330106	0.9902	1162	1.026647	1557	1.106631	835	1.251403
330107	0.9975	242	1.103088	391	0.867128	66	1.045996
330108	0.9962	382	1.048259	140	0.962262	46	1.013877
330111	0.9800	121	1.174868	70	0.958720	14	0.000000
330115	0.9975	147	1.018972	101	1.061930	9	0.000000
330119	0.9951	543	1.171041	667	1.074776	406	0.953592
330125	0.9956	295	1.058732	800	1.057205	479	1.046054
330126	0.9838	833	1.276614	823	1.155463	315	1.146095
330127	0.9949	83	1.129287	173	1.149144	46	1.133417
330128	0.9944	225	1.081644	212	1.076029	116	1.098485
330132	1.0000	101	0.985344	90	0.967399	15	0.000000
330135	0.9996	147	0.966096	206	0.935096	42	1.046231
330136	1.0000	301	0.903398	394	0.947369	247	0.987557
330140	0.9893	1339	1.107678	1198	1.092816	996	1.093942
330141	0.9861	733	1.175074	665	1.249959	220	1.074126
330144	0.9949	102	1.061260	67	0.997374	16	0.000000
330151	0.9953	178	1.058327	73	0.887668	41	1.030385
330153	1.0000	521	0.995153	884	0.965594	549	0.925168
330157	1.0000	286	0.943510	366	0.926228	51	0.937033
330158	0.9921	340	1.045678	545	1.041101	518	1.125815
330160	0.9995	475	1.032060	661	0.936802	446	0.965559
330162	0.9912	383	1.187450	398	1.070350	51	1.088146
330163	0.9861	301	1.123131	246	1.088132	109	1.180864
330164	0.9995	279	1.026587	311	0.899196	59	1.001961
330166	1.0000	15	0.000000	6	0.000000	1	0.000000
330167	0.9978	758	0.999181	1161	0.957870	524	1.074708
330169	0.9891	1086	1.214097	1339	1.140586	488	1.116348
330175	0.9946	405	1.014836	252	1.114649	20	0.000000
330177	0.9979	55	1.001918	99	1.022066	10	0.000000
330180	0.9975	255	1.018311	202	1.047708	62	1.038532
330181	0.9956	324	0.975616	472	1.103765	106	1.058905
330182	1.0000	465	0.793858	1686	0.974959	1068	0.967005
330184	0.9925	232	1.109698	400	1.158018	105	0.993076
330185	1.0000	499	0.957087	704	0.999223	197	0.963512
330188	1.0000	186	0.947214	276	0.933890	91	0.818456
330191	0.9977	458	0.899936	576	1.073366	246	1.004745
330193	0.9920	306	1.135585	305	1.155696	107	1.090745
330194	0.9949	817	0.975726	1724	1.066976	822	1.060893
330195	0.9980	387	1.049117	928	1.031851	328	1.020893
330196	0.9875	239	1.143276	616	1.240518	107	1.138906
330197	0.9988	241	0.964553	178	1.031688	14	0.000000
330198	0.9912	483	1.117595	892	1.117695	339	1.096123
330199	0.9974	32	1.040894	47	1.111128	23	0.000000
330201	0.9947	230	1.104913	240	1.125998	29	1.048382
330202	0.9974	83	1.079841	157	1.069994	17	0.000000
330203	0.9947	490	1.087416	700	1.109972	189	0.984246
330204	0.9936	93	1.031086	179	1.103574	148	1.106718
330205	0.9967	172	1.040458	186	1.031692	41	0.999043
330208	0.9908	398	1.151605	611	1.130566	58	1.078975
330211	0.9987	180	1.015173	107	1.006081	48	1.024378
330213	1.0000	112	0.932529	66	0.913093	24	0.000000
330214	0.9998	596	0.890519	1070	0.912105	341	1.021372
330215	0.9953	214	1.106518	306	1.002691	41	1.062016
330218	0.9879	338	1.089408	227	1.139398	95	1.063103
330219	0.9996	76	0.995215	173	1.029855	105	0.991426
330221	0.9924	202	1.189770	252	1.180020	85	1.093197
330222	0.9956	375	0.900781	403	1.121343	97	0.995177
330223	0.9934	179	1.121770	212	0.969356	22	0.000000
330224	0.9975	113	1.016880	158	1.077500	24	0.000000
330225	0.9933	220	1.068401	191	1.115528	20	0.000000
330226	0.9981	217	1.026129	341	0.989009	119	1.089712
330229	0.9977	112	0.891878	82	1.065336	16	0.000000
330231	0.9932	79	1.125750	131	1.199223	19	0.000000
330232	0.9987	161	1.045155	244	1.008120	50	0.979147
330233	0.9976	102	1.057410	322	1.053877	103	0.933004
330234	0.9918	112	1.002510	353	1.008377	529	1.149583
330235	0.9991	404	0.979434	450	0.934463	140	1.036580
330236	0.9858	507	1.263463	910	1.212482	240	1.162295
330238	0.9980	142	1.004111	141	1.035485	10	0.000000
330239	0.9996	271	0.970089	368	0.999687	114	1.016101
330240	0.9961	55	1.111265	77	1.121615	21	0.000000
330241	0.9976	321	1.110386	388	1.063955	206	0.899272

330245	0.9928	513	1.061573	870	1.051652	259	1.074191
330246	0.9971	160	1.026219	149	1.133509	24	0.000000
330249	1.0000	140	0.974101	83	0.969603	13	0.000000
330250	0.9925	587	0.999018	583	1.032993	404	1.140273
330259	0.9962	236	0.975510	272	1.156873	65	1.113676
330261	0.9997	250	0.865157	358	0.945225	79	1.036690
330263	0.9990	97	0.997691	104	1.014832	7	0.000000
330264	0.9921	468	1.076853	633	1.104067	297	1.055972
330265	0.9993	166	1.013410	117	0.998615	16	0.000000
330267	0.9941	345	1.065375	490	1.035121	174	1.128805
330268	0.9991	125	0.995224	92	1.008375	8	0.000000
330270	1.0000	0	0.000000	0	0.000000	0	0.000000
330273	0.9935	277	0.944441	419	1.142131	60	1.158165
330276	0.9963	202	1.048143	157	0.928125	59	1.073272
330277	0.9956	227	1.065570	306	1.034763	30	0.995415
330279	1.0000	191	0.979464	453	0.961297	371	0.979500
330285	0.9987	186	1.030745	508	1.044820	291	0.990040
330286	0.9966	747	1.046524	925	1.048287	255	1.049883
330304	0.9910	715	1.161465	563	1.083531	168	1.047255
330306	0.9930	283	1.068254	512	1.221668	215	1.004890
330307	1.0000	305	0.843777	230	0.858934	124	0.921251
330316	0.9922	209	1.161517	280	1.106204	28	1.034978
330331	0.9994	462	0.997043	653	1.000588	146	1.051095
330332	0.9990	295	0.954238	524	0.973408	98	1.094808
330340	0.9974	395	1.020781	238	1.058758	33	1.005538
330350	0.9837	180	1.083283	504	1.274475	186	1.146278
330353	0.9881	699	1.169909	342	1.120390	111	1.115039
330372	0.9979	263	1.047260	363	1.031113	66	1.023077
330385	0.9975	35	1.083872	35	1.072404	18	0.000000
330386	0.9962	252	1.080162	206	0.976626	44	1.002286
330393	0.9852	457	1.210186	793	1.027910	1099	1.178088
330394	1.0000	643	0.983140	693	0.976989	590	0.906013
330395	0.9933	161	1.123507	206	1.193811	53	1.042799
330396	0.9948	72	1.094034	142	1.144453	19	0.000000
330397	0.9943	46	1.117038	106	1.183896	14	0.000000
330399	0.9976	127	1.051316	98	1.061466	33	1.039515
330401	0.9871	518	1.192161	672	1.211084	224	0.927070
330403	1.0000	0	0.000000	0	0.000000	0	0.000000
330404	1.0000	0	0.000000	0	0.000000	0	0.000000
330405	1.0000	0	0.000000	0	0.000000	0	0.000000
330406	1.0000	0	0.000000	0	0.000000	0	0.000000
330409	1.0000	0	0.000000	0	0.000000	0	0.000000
340001	1.0000	966	0.945918	1106	0.976370	579	0.987204
340002	1.0000	1194	0.911073	1604	0.831655	1470	0.972754
340003	0.9989	198	1.027867	293	0.951895	30	1.001863
340004	0.9979	515	1.080775	592	0.949978	373	0.888211
340008	0.9958	230	1.076827	479	1.040265	85	0.956343
340010	0.9961	364	1.207581	637	0.979694	71	1.014462
340011	1.0000	263	0.922744	115	0.915957	21	0.000000
340013	0.9978	326	1.051291	329	1.003781	69	0.969608
340014	1.0000	887	0.934942	998	0.989227	588	1.001976
340015	0.9987	530	1.030741	320	0.916082	229	0.913354
340016	0.9991	243	0.927495	141	1.039693	23	0.000000
340017	1.0000	382	0.931808	401	0.903779	111	0.880082
340020	0.9980	313	1.015794	379	1.027362	31	1.047342
340021	0.9986	400	0.933699	501	1.043746	91	0.969163
340023	1.0000	203	0.910428	129	0.857166	35	0.937451
340024	1.0000	232	0.922459	358	0.934219	24	0.000000
340027	1.0000	458	0.966289	631	0.949984	170	0.988273
340028	0.9967	678	1.141795	1319	0.949226	539	1.040392
340030	0.9972	421	1.061823	933	0.971593	665	1.123573
340032	0.9984	1038	1.022873	1088	1.026545	571	0.948888
340036	1.0000	92	0.928005	100	0.897030	6	0.000000
340037	0.9997	84	0.987105	93	0.996194	25	1.025910
340039	0.9944	461	1.076499	492	1.085578	115	0.961065
340040	0.9937	694	1.042943	1521	1.056771	1373	1.115629
340041	1.0000	265	0.923594	154	0.979945	33	0.940491
340042	0.9966	367	0.943873	372	1.077157	31	1.029919
340047	0.9927	550	1.268438	853	1.127965	518	1.118030
340049	1.0000	0	0.000000	0	0.000000	0	0.000000
340050	0.9908	560	1.107543	852	1.117011	279	1.056556
340051	0.9986	427	1.006813	244	0.978825	90	1.078723
340053	0.9982	555	0.966182	799	0.958387	582	1.052565
340055	1.0000	207	0.989815	134	0.892363	18	0.000000
340060	0.9923	324	1.100208	364	1.055525	47	1.040238

340061	0.9990	407	1.019706	637	1.039651	306	0.969252
340064	0.9925	319	1.127310	191	0.968553	31	1.007435
340068	0.9967	299	0.955077	320	1.100573	16	0.000000
340069	0.9958	582	0.937544	1732	0.956893	1647	1.067594
340070	0.9987	266	1.062804	480	0.974473	179	0.959330
340071	0.9943	394	1.068245	372	1.058592	13	0.000000
340073	1.0000	209	0.874066	195	0.958887	100	0.978695
340075	1.0000	296	0.935595	185	0.936554	73	0.955012
340084	0.9930	74	1.041030	88	1.086664	19	0.000000
340085	0.9995	151	0.994027	105	1.014612	37	0.985948
340087	0.9996	147	0.937016	109	1.011153	18	0.000000
340090	0.9942	416	1.071306	504	1.087742	83	0.966955
340091	1.0000	1277	0.930568	1380	0.943785	670	0.948058
340096	0.9971	232	1.015508	168	1.033454	50	1.027131
340097	0.9955	259	1.030696	226	1.082393	88	0.959629
340098	1.0000	437	0.932374	603	0.968059	275	0.976011
340099	0.9919	173	1.186834	275	1.071197	32	0.990586
340106	0.9933	92	1.001064	185	1.180887	19	0.000000
340107	0.9952	193	1.096187	320	1.042638	33	0.939319
340109	1.0000	319	0.916657	357	0.949311	116	0.990131
340113	0.9971	463	0.967473	986	0.896099	976	1.098600
340114	0.9992	535	0.857131	1072	0.882957	564	1.029136
340115	0.9968	849	1.053372	1400	1.065629	810	0.957189
340116	1.0000	470	0.925938	465	0.796355	473	0.834629
340119	0.9985	270	1.035121	453	0.962162	89	0.985497
340120	0.9949	152	1.063279	122	1.021829	21	0.000000
340123	0.9917	505	1.101715	324	0.977905	65	1.041523
340126	0.9955	484	1.110710	472	1.001405	103	1.032947
340127	0.9988	129	1.034643	144	0.927422	23	0.000000
340129	0.9993	192	0.995199	270	1.021933	93	0.974060
340130	0.9995	359	0.953222	600	0.982481	85	1.056844
340131	1.0000	526	0.994495	959	0.929338	531	1.000803
340132	0.9990	152	1.028178	223	0.995929	35	1.031455
340133	0.9907	151	1.124869	219	1.076969	36	1.013468
340141	1.0000	976	0.897383	1827	0.830471	1030	0.954046
340142	0.9979	283	0.934509	481	1.045517	164	0.991576
340143	0.9999	248	0.900350	235	0.756379	112	1.003631
340144	0.9919	144	1.202446	148	1.076175	17	0.000000
340145	0.9979	203	1.000699	277	1.038075	22	0.000000
340147	0.9962	606	1.046877	664	1.015467	343	1.080473
340148	1.0000	0	0.000000	0	0.000000	0	0.000000
340151	0.9938	277	1.150663	412	1.069163	53	1.008597
340153	1.0000	0	0.000000	0	0.000000	0	0.000000
340155	1.0000	475	0.955205	519	0.987655	254	0.981052
340156	0.9999	30	1.000828	7	0.000000	1	0.000000
340158	0.9990	215	1.020726	214	1.003352	12	0.000000
340159	1.0000	161	0.977939	141	0.982010	3	0.000000
340160	0.9983	169	0.993454	107	1.063708	37	0.943743
340166	0.9993	119	1.031381	193	0.961541	38	1.002611
340168	1.0000	0	0.000000	0	0.000000	0	0.000000
340171	1.0000	388	0.980320	337	0.867132	137	1.002227
340173	1.0000	335	0.925086	441	0.917835	85	0.927608
340183	0.9992	197	0.908533	206	1.028867	29	1.014731
340184	0.9993	382	0.932295	266	0.880268	61	1.071043
340186	0.9997	45	1.008884	45	0.925081	11	0.000000
350002	1.0000	341	0.862706	389	0.856742	264	0.848057
350006	0.9992	483	1.023329	410	0.886398	325	0.941527
350011	1.0000	441	0.889350	698	0.890106	543	0.766541
350015	0.9979	267	1.071286	326	1.030533	169	0.971250
350019	0.9999	450	0.953598	352	1.006620	287	0.969264
350063	0.9973	40	1.029497	11	0.000000	1	0.000000
350070	0.9995	189	0.964068	352	1.017204	183	0.995895
360001	0.9938	542	1.005257	499	1.100097	240	1.071500
360002	1.0000	168	0.931474	149	0.966223	35	0.947626
360003	0.9978	172	1.127414	264	1.070246	130	1.042930
360006	0.9987	732	1.102655	1137	0.969171	753	0.968578
360008	0.9995	610	0.947577	696	0.992534	270	1.014941
360009	0.9993	390	1.021097	352	0.849449	292	0.979599
360010	0.9884	488	1.096448	421	1.088255	76	0.927447
360011	0.9976	347	1.068618	460	0.976407	188	0.947579
360012	0.9981	374	0.967142	404	1.033338	100	1.099245
360013	1.0000	228	0.907727	133	0.993004	10	0.000000
360014	0.9991	113	0.972426	111	1.023992	11	0.000000
360016	0.9912	436	1.095685	543	1.125036	191	1.141058
360017	0.9982	288	1.139230	465	1.012759	221	0.846052

360019	0.9893	275	1.132697	376	1.134729	103	1.055049
360020	0.9976	670	1.012178	896	0.974782	413	1.091909
360025	1.0000	482	0.866669	481	0.998999	185	0.834141
360026	0.9980	268	0.934962	165	1.056987	24	0.000000
360027	0.9992	750	0.937843	903	0.983290	350	1.038522
360029	1.0000	131	0.932475	137	0.930738	17	0.000000
360032	1.0000	160	0.893318	207	0.989120	34	0.979261
360035	0.9986	940	1.067068	1177	0.921070	545	0.950586
360036	0.9990	296	1.017838	177	1.004305	67	0.934635
360037	0.9999	93	0.976704	252	0.996303	55	1.004239
360039	0.9970	728	0.977959	846	0.985650	429	1.087468
360040	1.0000	288	0.842635	219	0.887522	130	0.996404
360041	0.9967	654	1.087372	838	1.016945	333	1.005075
360044	1.0000	220	0.962879	225	0.923320	13	0.000000
360046	0.9963	200	0.987550	162	1.064346	15	0.000000
360048	0.9991	165	0.962992	286	0.922801	161	1.053191
360051	0.9998	714	1.011206	812	0.967753	412	0.896989
360052	0.9920	465	1.082140	874	1.076503	431	1.103970
360054	0.9819	436	1.215427	431	1.119148	165	1.074869
360055	0.9962	382	0.989837	590	1.076913	142	1.019323
360056	0.9961	459	1.075191	623	1.006886	266	1.056626
360058	0.9989	166	0.870785	111	1.022338	18	0.000000
360059	0.9952	215	1.061325	427	1.099054	138	1.115892
360064	0.9926	322	1.035237	680	1.082695	368	1.117501
360065	0.9978	325	1.040170	166	0.938460	20	0.000000
360066	1.0000	595	0.962272	628	0.997459	409	0.968016
360068	0.9999	368	0.930201	802	1.002396	603	0.864898
360070	1.0000	446	0.963395	542	0.887073	291	0.978291
360071	0.9999	135	0.884817	81	0.933537	30	1.007827
360072	0.9988	609	0.989145	536	1.005595	260	1.029373
360074	0.9992	289	0.961586	348	0.983902	79	1.075279
360075	0.9977	135	1.011616	208	1.054968	48	0.958465
360076	0.9977	417	1.024828	498	1.034048	222	1.009736
360077	0.9965	417	1.021492	948	1.068803	245	1.000994
360078	0.9961	294	1.064245	358	1.047424	86	0.904675
360079	0.9995	329	1.040187	604	0.957313	312	0.955258
360080	0.9923	137	1.111727	196	1.080652	38	0.999623
360081	0.9990	315	1.018057	377	0.947918	57	1.053067
360082	0.9970	191	0.974074	342	1.078970	22	0.000000
360084	0.9978	598	0.972999	686	0.932733	461	1.051443
360085	0.9976	383	1.138150	739	0.974531	486	1.069798
360086	0.9944	459	1.137800	468	1.054487	278	0.981070
360087	0.9999	119	0.989431	148	1.003964	13	0.000000
360089	0.9994	251	0.905362	157	1.011964	19	0.000000
360090	1.0000	336	0.979456	564	0.948362	264	0.979689
360091	0.9957	374	1.047383	388	1.047529	40	0.941762
360092	1.0000	85	0.994871	101	0.968767	13	0.000000
360095	1.0000	344	0.833146	212	0.937011	151	0.894464
360096	0.9912	251	1.012944	381	1.130675	17	0.000000
360098	0.9911	748	1.187636	904	1.064901	279	1.067190
360107	1.0000	159	0.937915	94	0.970558	22	0.000000
360109	0.9978	170	1.003048	157	1.041947	11	0.000000
360112	0.9948	247	0.989915	556	1.063229	608	1.071206
360113	0.9975	357	1.051817	317	0.989933	73	1.031226
360115	0.9891	163	1.193217	185	1.049592	52	1.061460
360116	1.0000	105	0.985638	94	0.959585	10	0.000000
360118	0.9957	833	1.016932	592	1.054773	484	1.040795
360121	1.0000	175	0.892629	198	0.924804	73	0.905074
360123	0.9969	475	0.931853	525	1.080480	257	0.994501
360125	1.0000	213	0.887755	310	0.951427	87	1.000027
360131	1.0000	200	0.952345	196	0.949884	36	0.948515
360132	0.9979	377	1.005790	316	1.054343	87	0.973049
360133	0.9961	244	1.102843	378	0.943025	119	1.076045
360134	0.9966	394	1.094982	544	1.053169	239	0.990440
360137	0.9996	321	1.025347	677	0.985132	373	1.010047
360141	0.9968	164	1.164631	304	1.027323	122	0.932928
360143	0.9897	505	1.227753	664	1.042607	74	1.102855
360144	0.9959	246	1.040227	378	1.107332	48	0.983944
360145	0.9925	584	1.144649	571	1.103700	316	0.895148
360147	0.9969	370	1.006044	460	1.045681	165	1.070140
360148	0.9964	88	0.901012	68	1.083144	14	0.000000
360150	0.9944	222	1.086533	135	1.037957	16	0.000000
360151	0.9987	230	0.972557	183	0.989797	86	1.040349
360152	0.9954	241	1.130249	196	1.058440	124	1.002424
360153	0.9997	57	0.979500	50	1.005673	13	0.000000

360155	0.9987	611	0.957551	798	1.018630	428	1.019263
360156	1.0000	137	0.887905	118	0.940271	18	0.000000
360159	0.9907	492	1.141274	611	1.077428	410	1.058859
360161	0.9969	281	0.975401	426	1.061972	49	1.031463
360163	0.9997	598	1.016636	1091	0.976367	494	0.948040
360170	0.9971	159	0.954189	131	1.069462	22	0.000000
360172	0.9944	643	1.117789	604	1.045412	267	0.915219
360174	0.9913	505	1.160462	362	0.968491	112	1.020836
360175	0.9978	202	1.045039	241	0.984953	31	1.072182
360179	0.9965	831	1.120878	1033	0.999350	423	0.904346
360180	0.9967	330	1.211785	1080	1.068735	665	1.116373
360185	1.0000	282	0.841308	289	0.909150	51	0.950542
360189	1.0000	62	0.978441	45	0.946947	3	0.000000
360192	0.9938	255	1.133841	275	1.033052	111	1.026263
360195	1.0000	212	0.985546	171	0.956200	14	0.000000
360197	1.0000	192	0.846113	119	0.869480	82	0.987818
360203	0.9954	462	1.053620	232	1.018924	37	0.997521
360210	1.0000	122	0.964478	162	0.984212	15	0.000000
360211	0.9959	403	0.922224	768	1.038949	316	1.042728
360212	0.9997	226	1.000003	366	0.975404	70	1.025340
360218	0.9987	445	1.024543	328	0.817773	117	0.995734
360230	0.9971	605	1.135881	948	1.007337	382	0.888583
360234	0.9917	260	1.142665	338	1.076289	79	1.027887
360236	0.9968	327	1.059832	152	0.966949	41	1.020364
360239	0.9986	188	0.897068	222	1.048511	18	0.000000
360245	1.0000	0	0.000000	0	0.000000	0	0.000000
360247	1.0000	0	0.000000	0	0.000000	0	0.000000
360258	1.0000	0	0.000000	0	0.000000	0	0.000000
360259	0.9972	162	1.056498	144	1.003118	18	0.000000
360261	1.0000	0	0.000000	0	0.000000	0	0.000000
360262	0.9999	262	0.973133	242	0.987646	43	1.014751
360263	1.0000	0	0.000000	0	0.000000	0	0.000000
360266	1.0000	1	0.000000	0	0.000000	0	0.000000
360269	1.0000	0	0.000000	0	0.000000	0	0.000000
360270	0.9967	191	0.891895	95	1.082390	6	0.000000
360271	1.0000	0	0.000000	0	0.000000	0	0.000000
360274	1.0000	0	0.000000	1	0.000000	0	0.000000
360276	0.9959	338	1.112165	535	0.995661	57	1.096378
360347	1.0000	36	0.982737	22	0.000000	0	0.000000
360348	1.0000	133	0.995466	76	0.894483	4	0.000000
360350	1.0000	0	0.000000	0	0.000000	0	0.000000
360351	1.0000	0	0.000000	0	0.000000	0	0.000000
360352	1.0000	0	0.000000	0	0.000000	0	0.000000
360354	0.9962	205	1.080087	267	1.051962	78	0.938749
360355	1.0000	0	0.000000	0	0.000000	0	0.000000
360356	1.0000	23	0.000000	10	0.000000	0	0.000000
360358	1.0000	2	0.000000	2	0.000000	0	0.000000
360359	0.9963	113	1.028008	118	1.070384	46	1.001476
360360	1.0000	6	0.000000	6	0.000000	1	0.000000
370001	0.9938	246	1.024161	636	0.868356	521	1.176376
370002	0.9986	126	1.031367	94	0.952168	6	0.000000
370004	1.0000	320	0.938879	186	0.976836	16	0.000000
370006	1.0000	177	0.879435	165	0.956412	31	0.999260
370007	0.9998	74	0.955184	55	1.002940	6	0.000000
370008	1.0000	886	0.937028	602	0.978179	251	0.907870
370011	0.9977	89	0.962065	27	1.066917	7	0.000000
370013	0.9999	693	1.004380	178	0.993732	39	0.918318
370014	0.9800	466	1.256254	481	1.333403	78	1.091872
370015	1.0000	96	0.959155	75	0.988036	10	0.000000
370016	0.9972	264	1.012361	196	1.028646	99	1.040362
370018	1.0000	268	0.949544	265	0.968274	191	0.993739
370019	0.9999	201	0.887239	117	1.002469	14	0.000000
370020	0.9996	113	0.970664	140	1.016906	30	0.952868
370022	0.9997	220	0.933341	275	1.007067	37	1.000928
370023	1.0000	337	0.934050	250	0.952080	18	0.000000
370025	0.9958	493	1.079218	377	1.011003	146	1.006731
370026	1.0000	407	0.838238	368	0.966076	71	0.943694
370028	1.0000	678	0.923270	809	0.833353	617	0.974870
370029	0.9937	170	0.972432	127	1.104190	11	0.000000
370030	0.9990	138	0.949585	57	1.028399	4	0.000000
370032	0.9990	356	0.926422	228	0.943772	121	1.052630
370034	0.9986	394	0.930877	170	1.056004	44	1.039169
370036	0.9811	59	1.086813	71	1.223587	3	0.000000
370037	0.9999	246	1.004980	355	0.945681	193	0.959328
370039	1.0000	241	0.892017	120	0.976141	20	0.000000



370040	0.9845	222	1.140896	185	1.084884	13	0.000000
370041	0.9985	68	1.010472	25	0.975500	0	0.000000
370047	0.9938	426	1.165112	338	0.961809	200	1.025017
370048	1.0000	276	0.946394	134	0.976219	9	0.000000
370049	0.9991	311	1.003400	170	0.959268	99	1.028630
370051	0.9966	68	1.051868	68	0.963334	1	0.000000
370054	1.0000	152	0.985425	105	0.975005	12	0.000000
370056	1.0000	285	0.941815	577	0.870662	344	0.892327
370057	0.9970	108	0.997792	118	1.038212	13	0.000000
370065	0.9934	196	1.021892	150	1.078856	23	0.000000
370072	1.0000	48	0.968081	21	0.000000	1	0.000000
370078	0.9973	142	0.982086	176	0.891001	101	1.132220
370080	1.0000	109	0.909189	35	0.949143	2	0.000000
370083	0.9866	133	1.074690	60	1.148669	1	0.000000
370089	0.9999	187	0.937662	196	0.962932	49	1.013509
370091	0.9963	1037	1.087632	1153	1.060488	691	0.970715
370093	0.9984	224	1.126897	180	1.033297	73	1.009786
370094	0.9923	421	1.058508	479	1.150763	295	1.077392
370097	0.9995	125	1.017262	82	0.860091	4	0.000000
370099	0.9986	262	0.919414	129	1.037730	10	0.000000
370100	0.9902	158	1.030338	257	1.083829	7	0.000000
370103	0.9949	113	0.992511	63	1.077098	9	0.000000
370106	0.9990	369	0.989717	388	0.949020	209	1.043524
370112	0.9995	115	0.971264	55	1.013051	4	0.000000
370113	0.9987	282	0.965662	176	0.998551	65	1.060896
370114	0.9966	786	0.956608	749	1.038755	618	1.095740
370138	0.9976	73	1.026230	39	1.003997	1	0.000000
370139	0.9996	127	0.995151	38	1.009280	1	0.000000
370149	0.9997	365	0.914387	288	0.908758	74	1.025342
370153	0.9984	56	0.986820	79	1.038647	3	0.000000
370156	0.9932	163	0.914002	121	1.108253	9	0.000000
370158	0.9982	192	0.984530	95	1.039706	2	0.000000
370166	0.9997	55	0.993806	39	1.019126	2	0.000000
370169	1.0000	25	0.986642	6	0.000000	1	0.000000
370170	1.0000	13	0.000000	7	0.000000	0	0.000000
370171	0.9992	71	1.013404	51	0.954806	1	0.000000
370172	1.0000	24	0.000000	11	0.000000	0	0.000000
370173	1.0000	24	0.000000	16	0.000000	1	0.000000
370178	0.9967	99	1.003426	68	1.119356	9	0.000000
370180	1.0000	59	0.931431	49	0.946245	2	0.000000
370183	1.0000	79	0.984537	61	0.937369	6	0.000000
370190	1.0000	7	0.000000	0	0.000000	0	0.000000
370192	1.0000	0	0.000000	0	0.000000	0	0.000000
370199	1.0000	0	0.000000	0	0.000000	0	0.000000
370201	1.0000	0	0.000000	0	0.000000	0	0.000000
370202	0.9971	222	0.962096	250	1.030347	206	1.055085
370203	1.0000	6	0.000000	0	0.000000	0	0.000000
370206	1.0000	0	0.000000	0	0.000000	0	0.000000
370210	1.0000	0	0.000000	0	0.000000	0	0.000000
370211	1.0000	201	0.961828	65	0.950460	22	0.000000
370212	1.0000	0	0.000000	0	0.000000	0	0.000000
370214	1.0000	14	0.000000	4	0.000000	0	0.000000
370215	0.9989	195	0.951984	1141	0.855580	1170	1.011935
370216	1.0000	1	0.000000	0	0.000000	0	0.000000
370218	0.9976	125	1.051852	138	0.978169	14	0.000000
370220	1.0000	0	0.000000	0	0.000000	0	0.000000
370222	1.0000	0	0.000000	0	0.000000	0	0.000000
370225	1.0000	0	0.000000	1	0.000000	0	0.000000
370227	1.0000	105	0.935519	46	0.978772	17	0.000000
370228	0.9996	75	0.933852	56	1.010950	8	0.000000
370229	1.0000	124	0.923166	74	0.977502	3	0.000000
370232	1.0000	103	0.883136	78	0.921139	5	0.000000
370234	0.9998	70	1.026977	346	0.918802	326	0.991333
370235	0.9992	46	1.002104	33	1.070233	2	0.000000
370236	1.0000	9	0.000000	1	0.000000	0	0.000000
380001	1.0000	144	0.972340	113	0.940024	25	0.909691
380002	1.0000	288	0.862330	241	0.937135	83	0.943651
380004	1.0000	334	0.824298	597	0.789895	438	0.881556
380005	1.0000	81	0.985547	30	0.992914	6	0.000000
380007	0.9981	91	1.031545	127	0.853307	82	1.087648
380009	0.9985	114	0.978801	227	1.112442	231	0.983693
380014	1.0000	164	0.924177	215	0.847359	231	0.929246
380017	0.9990	169	0.972247	263	0.971068	113	1.052350
380018	1.0000	334	0.930822	512	0.818002	524	0.768183
380020	1.0000	174	0.961029	176	0.909101	92	0.919433

380021	1.0000	135	0.997667	130	0.956211	75	0.910151
380022	1.0000	176	0.946125	123	0.842291	12	0.000000
380025	0.9995	137	0.987709	125	0.916153	25	1.057404
380027	1.0000	365	0.911856	336	1.000489	145	0.937511
380029	1.0000	90	0.984537	52	0.964946	16	0.000000
380033	1.0000	82	0.928777	27	1.000497	2	0.000000
380037	0.9997	64	1.010855	83	0.888856	19	0.000000
380038	0.9983	82	0.967090	91	1.049265	27	0.960281
380040	1.0000	77	0.915841	63	0.944568	5	0.000000
380047	1.0000	298	0.837711	266	0.755585	249	0.830586
380050	0.9994	196	0.920769	235	0.895448	97	1.036425
380051	1.0000	322	0.920217	405	0.917270	250	0.965978
380052	0.9998	214	0.860675	139	0.957433	30	1.016784
380056	0.9984	56	1.027330	25	0.936961	7	0.000000
380060	1.0000	132	0.983815	205	0.901639	147	0.901722
380061	1.0000	332	0.922047	390	0.949187	260	0.933347
380071	1.0000	132	0.914931	136	0.981039	24	0.000000
380075	1.0000	260	0.941124	192	0.933826	89	0.973571
380082	1.0000	125	0.919647	85	0.984272	22	0.000000
380089	0.9961	230	1.086266	295	0.924149	131	1.069980
380090	0.9938	289	1.202848	300	0.959961	89	1.080183
380091	1.0000	9	0.000000	11	0.000000	17	0.000000
380102	1.0000	347	0.968453	504	0.799603	508	0.961424
390001	1.0000	391	0.974008	598	0.880242	218	0.928321
390002	0.9957	167	0.944389	449	1.083061	120	0.906782
390003	0.9974	182	0.987704	143	1.042107	25	0.969033
390004	0.9963	533	1.099911	794	1.019743	356	0.971678
390006	0.9995	288	0.937360	576	0.918305	460	1.018693
390008	1.0000	74	0.955655	151	0.963147	12	0.000000
390009	1.0000	266	0.836174	649	0.847962	384	0.929915
390012	0.9975	275	0.913901	316	1.042162	77	1.049380
390013	1.0000	154	0.992161	249	0.906185	210	0.919035
390016	0.9893	265	1.144151	326	1.082125	103	1.064332
390019	0.9949	131	0.962677	302	1.053369	31	1.063684
390025	1.0000	0	0.000000	0	0.000000	0	0.000000
390026	0.9937	215	1.021250	348	1.135023	62	1.104310
390027	0.9977	178	1.007133	380	1.085130	120	1.009129
390028	0.9968	219	1.030572	367	1.009615	188	1.097486
390030	0.9930	393	1.038450	370	1.125351	81	0.997394
390031	0.9887	343	1.051075	499	1.166395	72	1.018908
390032	0.9899	203	1.028712	433	1.111966	134	1.126471
390035	1.0000	136	0.934032	135	0.929206	25	0.948296
390036	0.9918	201	0.954224	558	1.088141	182	1.150486
390037	0.9985	163	1.028326	186	0.975950	25	1.119262
390039	1.0000	107	0.959551	96	0.946523	46	0.991286
390041	0.9986	272	1.025155	453	1.016214	87	0.972203
390042	0.9959	285	1.124832	470	0.979994	193	1.046093
390043	0.9989	231	1.011860	223	1.001369	32	1.009504
390044	1.0000	883	0.884290	1381	0.844704	474	0.888010
390045	1.0000	397	0.809616	436	0.757200	275	0.857346
390046	0.9994	718	1.030349	1353	0.979615	651	0.964706
390048	0.9941	260	0.929500	359	1.054248	106	1.112174
390049	0.9956	915	1.010104	1539	1.092389	490	1.051008
390050	0.9987	158	1.061997	445	1.000186	315	1.039286
390052	0.9921	237	1.031141	258	1.102751	33	1.045778
390056	1.0000	151	0.929487	138	0.976560	14	0.000000
390057	0.9992	399	0.898960	385	0.914453	80	1.086600
390058	0.9991	275	1.017040	375	1.009270	66	0.867608
390061	0.9988	130	1.057482	168	0.944321	68	0.911043
390062	0.9960	99	0.927190	110	1.057221	11	0.000000
390063	1.0000	416	0.931088	649	0.879180	585	0.973496
390065	0.9918	320	1.095156	320	1.060450	55	0.968828
390066	1.0000	405	0.916884	439	0.928078	245	0.939850
390067	1.0000	461	0.999714	875	0.987168	583	0.915410
390068	1.0000	108	0.938639	107	0.968732	13	0.000000
390070	0.9931	101	0.999386	282	1.125291	71	1.027079
390071	1.0000	82	0.913505	129	0.926071	19	0.000000
390072	0.9950	111	0.974195	192	1.096153	35	1.031567
390073	1.0000	400	0.932089	671	0.891938	458	0.891203
390076	0.9965	266	0.971196	311	1.045034	120	1.069035
390079	0.9968	348	1.164128	597	1.017624	465	0.946152
390080	0.9968	210	1.074585	378	0.959281	113	1.060574
390081	0.9941	235	1.067053	337	1.066328	67	1.150866
390084	0.9882	224	1.131932	105	1.018694	19	0.000000
390086	1.0000	179	0.907277	418	0.832924	324	0.967937

390090	0.9974	61	1.067109	113	1.040674	46	1.025584
390091	0.9947	281	1.149222	280	1.020647	41	1.020562
390093	0.9954	202	1.037414	220	1.041229	31	1.074162
390095	0.9852	242	1.093603	147	1.087946	21	0.000000
390096	0.9995	226	1.015395	496	0.891665	151	1.011686
390097	1.0000	397	0.996115	650	0.889321	189	0.988341
390100	1.0000	860	0.901954	1844	0.745582	900	0.836508
390101	0.9931	216	1.086357	187	1.114256	101	0.972475
390102	0.9995	233	0.918240	457	0.964613	63	1.071330
390104	0.9992	171	0.999425	218	1.007320	20	0.000000
390107	0.9971	339	1.015662	552	0.999508	307	1.078220
390108	0.9996	122	1.018684	239	0.975070	105	0.967941
390110	0.9952	362	1.063283	668	1.076406	364	1.053721
390111	0.9992	197	1.042456	506	0.973992	133	1.070244
390112	0.9948	72	1.033119	89	1.079827	22	0.000000
390113	0.9995	204	0.914834	238	1.005685	47	1.044962
390114	0.9999	60	1.005369	75	0.976446	4	0.000000
390115	0.9942	681	1.108447	721	1.054905	299	1.034548
390116	0.9981	110	0.993645	232	1.061596	41	1.016712
390117	1.0000	102	0.949979	49	0.956582	16	0.000000
390118	0.9992	149	0.938877	129	0.947488	68	1.039117
390119	1.0000	345	0.993921	371	0.982400	50	0.937808
390122	0.9986	149	0.947598	110	1.033992	20	0.000000
390123	0.9920	385	1.158576	352	1.096857	56	1.009347
390125	0.9986	269	0.912608	244	1.031319	74	0.945860
390127	0.9911	315	1.066372	277	1.024633	204	1.119623
390130	0.9990	77	1.016613	35	0.967136	15	0.000000
390132	0.9958	60	1.068046	104	1.068692	9	0.000000
390133	0.9972	930	0.962835	1767	1.000301	1108	1.075826
390137	1.0000	865	0.947519	1156	0.913785	489	0.888809
390138	0.9994	209	0.904038	221	0.915624	55	1.035590
390139	0.9997	430	1.015142	761	0.957596	280	0.988905
390142	0.9977	158	1.134973	534	1.041218	187	1.024161
390145	0.9933	347	1.075393	666	1.047485	220	1.082141
390146	0.9997	183	0.932064	201	1.006684	28	0.928720
390147	0.9969	160	1.015330	313	1.025532	93	1.093759
390150	0.9970	138	1.055175	167	0.886764	18	0.000000
390151	1.0000	455	0.926193	684	0.888929	455	0.958932
390153	0.9999	355	1.005615	472	0.996264	181	0.897422
390154	0.9984	298	0.991201	321	1.024901	40	1.008756
390156	0.9885	208	1.134307	498	1.272227	133	1.139622
390157	0.9983	125	1.037598	156	1.000590	11	0.000000
390160	0.9982	109	0.931703	155	1.044576	21	0.000000
390162	0.9882	331	1.059164	779	1.090787	304	1.176968
390163	1.0000	157	0.975421	170	0.952073	55	0.988378
390164	0.9999	435	0.972473	1014	1.003445	555	0.949941
390168	0.9965	274	0.914388	455	1.091181	196	0.943400
390173	0.9964	141	0.926751	253	1.086856	65	1.009065
390174	0.9968	414	1.091337	917	1.101181	235	1.079743
390178	1.0000	224	0.855733	281	0.952248	57	0.957015
390179	0.9992	388	0.949285	615	0.868850	232	1.032225
390180	0.9943	515	1.037933	779	1.134511	264	1.013946
390183	1.0000	120	0.942141	168	0.996648	42	0.995118
390184	0.9937	70	1.042289	51	1.085821	4	0.000000
390185	0.9857	545	1.215548	577	1.066997	194	1.014955
390189	0.9906	239	1.059143	264	1.051834	143	1.040228
390192	0.9987	164	1.010688	74	1.007603	4	0.000000
390194	0.9979	143	0.977645	244	1.040232	40	0.980674
390195	0.9990	339	0.916897	1019	1.011893	234	1.027752
390197	0.9989	118	1.057474	190	0.916215	50	0.954685
390198	0.9959	105	1.061165	83	1.030861	11	0.000000
390199	0.9970	143	0.918771	119	1.066628	25	0.954082
390201	0.9999	743	1.002850	697	0.881399	275	0.945308
390203	0.9965	610	1.018788	691	0.912601	301	1.090976
390204	0.9886	307	1.141624	560	1.124963	141	1.144332
390211	0.9918	275	0.969864	380	1.123276	163	1.123222
390217	0.9931	109	1.025016	175	1.095969	16	0.000000
390219	0.9992	152	0.995047	234	1.003260	33	1.094459
390220	0.9968	378	1.026042	170	1.027739	23	0.000000
390222	0.9971	497	0.912010	454	1.072768	134	1.065879
390223	0.9996	125	1.063894	609	0.876257	597	0.956295
390225	1.0000	350	0.863976	295	0.854449	46	0.956237
390226	0.9965	184	0.998047	363	1.142846	107	1.035962
390228	0.9933	563	1.016691	621	1.113448	178	1.035642
390231	0.9995	724	0.959906	1310	0.951954	407	1.025332

390233	1.0000	224	0.847511	390	0.915787	253	0.877662
390236	0.9999	172	1.001196	83	0.928343	10	0.000000
390237	1.0000	526	0.990516	908	0.938718	462	0.980128
390256	1.0000	437	0.931631	522	0.965413	298	0.956910
390258	0.9961	622	1.100442	835	1.054576	487	0.978112
390263	0.9967	448	1.049216	876	1.004545	294	1.070289
390265	0.9916	361	1.040632	612	1.137654	122	0.874769
390266	1.0000	92	0.948996	95	0.945265	7	0.000000
390267	0.9956	273	1.077494	599	1.056518	161	0.842446
390268	0.9990	323	0.987605	380	1.036626	107	0.996060
390270	1.0000	449	0.982065	428	0.984285	173	0.946325
390272	1.0000	0	0.000000	0	0.000000	0	0.000000
390278	1.0000	0	0.000000	0	0.000000	0	0.000000
390290	0.9976	123	1.031403	336	1.062111	108	0.920134
390302	1.0000	0	0.000000	0	0.000000	0	0.000000
390304	0.9932	84	1.134634	170	1.151266	31	1.046000
390307	1.0000	0	0.000000	0	0.000000	0	0.000000
390312	1.0000	6	0.000000	0	0.000000	0	0.000000
390313	0.9982	114	0.987772	109	1.029603	17	0.000000
390314	1.0000	0	0.000000	0	0.000000	0	0.000000
390316	1.0000	0	0.000000	0	0.000000	0	0.000000
390318	1.0000	28	0.962796	12	0.000000	2	0.000000
390321	1.0000	0	0.000000	0	0.000000	0	0.000000
390322	1.0000	0	0.000000	0	0.000000	0	0.000000
390323	1.0000	0	0.000000	0	0.000000	0	0.000000
390324	1.0000	0	0.000000	0	0.000000	0	0.000000
390325	1.0000	0	0.000000	0	0.000000	0	0.000000
390326	0.9992	34	0.976024	44	1.016342	9	0.000000
390327	1.0000	0	0.000000	0	0.000000	0	0.000000
390328	1.0000	0	0.000000	0	0.000000	0	0.000000
400001	1.0000	0	0.000000	0	0.000000	0	0.000000
400003	1.0000	0	0.000000	0	0.000000	0	0.000000
400004	1.0000	0	0.000000	0	0.000000	0	0.000000
400005	1.0000	0	0.000000	0	0.000000	0	0.000000
400006	1.0000	0	0.000000	0	0.000000	0	0.000000
400007	1.0000	0	0.000000	0	0.000000	0	0.000000
400009	1.0000	0	0.000000	0	0.000000	0	0.000000
400010	1.0000	0	0.000000	0	0.000000	0	0.000000
400011	1.0000	0	0.000000	0	0.000000	0	0.000000
400012	1.0000	0	0.000000	0	0.000000	0	0.000000
400013	1.0000	0	0.000000	0	0.000000	0	0.000000
400014	1.0000	0	0.000000	0	0.000000	0	0.000000
400015	1.0000	0	0.000000	0	0.000000	0	0.000000
400016	1.0000	0	0.000000	0	0.000000	0	0.000000
400018	1.0000	0	0.000000	0	0.000000	0	0.000000
400019	1.0000	0	0.000000	0	0.000000	0	0.000000
400021	1.0000	0	0.000000	0	0.000000	0	0.000000
400022	1.0000	0	0.000000	0	0.000000	0	0.000000
400024	1.0000	0	0.000000	0	0.000000	0	0.000000
400026	1.0000	0	0.000000	0	0.000000	0	0.000000
400032	1.0000	0	0.000000	0	0.000000	0	0.000000
400044	1.0000	0	0.000000	0	0.000000	0	0.000000
400048	1.0000	0	0.000000	0	0.000000	0	0.000000
400061	1.0000	0	0.000000	0	0.000000	0	0.000000
400079	1.0000	0	0.000000	0	0.000000	0	0.000000
400087	1.0000	0	0.000000	0	0.000000	0	0.000000
400098	1.0000	0	0.000000	0	0.000000	0	0.000000
400102	1.0000	0	0.000000	0	0.000000	0	0.000000
400103	1.0000	0	0.000000	0	0.000000	0	0.000000
400104	1.0000	0	0.000000	0	0.000000	0	0.000000
400105	1.0000	0	0.000000	0	0.000000	0	0.000000
400106	1.0000	0	0.000000	0	0.000000	0	0.000000
400109	1.0000	0	0.000000	0	0.000000	0	0.000000
400110	1.0000	0	0.000000	0	0.000000	0	0.000000
400111	1.0000	0	0.000000	0	0.000000	0	0.000000
400112	1.0000	0	0.000000	0	0.000000	0	0.000000
400113	1.0000	0	0.000000	0	0.000000	0	0.000000
400114	1.0000	0	0.000000	0	0.000000	0	0.000000
400115	1.0000	0	0.000000	0	0.000000	0	0.000000
400117	1.0000	0	0.000000	0	0.000000	0	0.000000
400118	1.0000	0	0.000000	0	0.000000	0	0.000000
400120	1.0000	0	0.000000	0	0.000000	0	0.000000
400121	1.0000	0	0.000000	0	0.000000	0	0.000000
400122	1.0000	0	0.000000	0	0.000000	0	0.000000
400123	1.0000	0	0.000000	0	0.000000	0	0.000000

400124	1.0000	0	0.000000	0	0.000000	0	0.000000
400125	1.0000	0	0.000000	0	0.000000	0	0.000000
400126	1.0000	0	0.000000	0	0.000000	0	0.000000
400127	1.0000	0	0.000000	0	0.000000	0	0.000000
400128	1.0000	0	0.000000	0	0.000000	0	0.000000
400130	1.0000	0	0.000000	0	0.000000	0	0.000000
400131	1.0000	0	0.000000	0	0.000000	0	0.000000
410001	0.9896	202	1.104908	313	1.174243	47	1.043810
410004	0.9995	212	0.963762	190	1.021700	87	0.986975
410005	0.9909	257	1.138878	291	1.093059	61	1.070878
410006	1.0000	236	0.887225	242	0.963760	35	0.935695
410007	0.9962	557	1.117951	936	1.036577	484	1.036210
410008	1.0000	223	0.978288	183	0.948501	44	0.976664
410009	0.9927	560	1.122593	589	1.074635	149	1.047501
410010	1.0000	6	0.000000	2	0.000000	0	0.000000
410011	0.9941	193	1.079075	368	1.062082	119	1.024620
410012	0.9958	537	1.052185	671	1.032398	498	1.033867
410013	1.0000	313	0.891443	318	0.940261	43	0.952396
420002	0.9941	639	1.144770	480	0.991162	371	1.023837
420004	0.9997	311	0.939983	461	1.011452	270	1.012439
420005	0.9971	118	0.970883	169	1.055448	51	1.013381
420007	1.0000	826	0.860600	1025	0.811818	555	0.965560
420009	0.9997	684	0.969408	334	0.919980	71	1.036835
420010	0.9922	260	1.162064	298	1.056827	29	1.094282
420011	1.0000	161	0.933819	72	0.999634	39	0.992628
420015	0.9922	324	1.065392	212	1.118729	66	1.005304
420016	0.9966	87	1.051745	90	0.990579	1	0.000000
420018	1.0000	361	0.911078	771	0.931856	371	0.967460
420019	1.0000	75	0.962841	120	0.994425	19	0.000000
420020	0.9917	189	1.019058	211	1.200759	106	1.124457
420023	1.0000	503	0.837705	855	0.769380	325	0.912787
420026	0.9989	327	0.971945	976	0.878719	826	1.017143
420027	1.0000	1039	0.927685	802	0.980080	305	0.921994
420030	0.9971	144	0.931724	264	1.061692	27	1.006815
420033	1.0000	187	0.939538	114	0.952551	14	0.000000
420036	0.9964	275	1.062138	329	1.012249	111	1.073133
420037	1.0000	155	0.915639	75	0.968373	2	0.000000
420038	0.9987	200	0.912694	150	1.042437	15	0.000000
420039	0.9955	113	0.972967	131	1.126184	11	0.000000
420043	0.9928	205	0.986770	158	1.172645	16	0.000000
420048	0.9939	452	1.106138	329	0.892114	51	0.972694
420049	0.9986	376	1.028503	281	0.976373	46	1.115818
420051	0.9976	588	1.031617	1065	0.984082	800	1.056781
420053	1.0000	78	0.918760	116	0.942971	28	0.987083
420054	1.0000	59	0.937032	86	0.938125	6	0.000000
420055	0.9930	129	0.972229	224	1.047497	104	1.187402
420056	0.9975	82	0.977553	34	1.059439	8	0.000000
420057	1.0000	51	0.976806	50	0.973484	3	0.000000
420062	0.9917	183	1.123376	103	1.058328	17	0.000000
420064	1.0000	107	0.900714	142	0.917996	69	0.970614
420065	1.0000	266	0.914622	195	0.955244	15	0.000000
420066	0.9991	77	1.015395	56	0.996923	4	0.000000
420067	0.9947	187	1.029142	356	1.147150	39	0.983704
420068	0.9951	244	1.163716	422	1.076317	104	0.996997
420069	0.9992	117	1.019343	132	0.990743	9	0.000000
420070	0.9990	473	0.996342	562	1.021694	58	1.040594
420071	1.0000	409	0.978709	442	0.984118	292	0.989011
420072	0.9954	88	1.037309	71	1.044914	8	0.000000
420073	0.9974	615	1.105606	669	0.982502	214	0.953022
420078	1.0000	674	0.916134	939	0.818368	602	0.854787
420079	0.9986	593	1.069704	693	0.835143	260	0.970332
420080	0.9953	328	1.090873	310	1.043469	147	0.996323
420082	1.0000	342	0.991266	427	0.987276	169	0.997546
420083	0.9976	387	1.035275	285	1.024837	26	0.980892
420085	0.9959	516	1.070734	896	1.049136	606	1.028004
420086	1.0000	279	0.973922	205	0.966350	27	0.916100
420087	1.0000	439	0.942555	933	0.858426	304	0.982306
420089	1.0000	189	0.906063	124	0.952807	7	0.000000
420091	0.9921	494	0.993381	739	1.138307	246	1.194757
420098	0.9953	461	1.054370	358	1.092524	60	1.006059
420101	0.9907	122	1.042648	125	1.142131	4	0.000000
420102	1.0000	0	0.000000	0	0.000000	0	0.000000
420103	1.0000	58	0.943573	63	0.922408	5	0.000000
420104	1.0000	24	0.000000	29	0.979741	0	0.000000
420105	1.0000	22	0.000000	29	0.971110	11	0.000000

430005	1.0000	420	0.879839	182	0.942853	78	0.938111
430008	0.9992	155	0.904729	62	1.020231	31	0.941975
430012	0.9982	387	0.963207	180	1.056258	55	0.907011
430013	1.0000	349	0.877085	190	0.943579	29	0.967551
430014	1.0000	391	0.844113	330	0.847873	140	0.860931
430015	0.9981	132	1.035650	62	0.988347	10	0.000000
430016	1.0000	451	0.938920	431	0.942708	88	1.003405
430027	1.0000	667	0.901455	566	0.856688	445	0.861425
430048	1.0000	148	0.868494	56	0.918031	5	0.000000
430077	1.0000	520	0.846045	523	0.881030	420	0.972131
430081	1.0000	34	0.934988	18	0.000000	0	0.000000
430083	1.0000	6	0.000000	1	0.000000	0	0.000000
430084	1.0000	51	0.977566	21	0.000000	1	0.000000
430089	1.0000	0	0.000000	0	0.000000	0	0.000000
430090	1.0000	0	0.000000	0	0.000000	0	0.000000
430091	1.0000	0	0.000000	0	0.000000	0	0.000000
430092	1.0000	0	0.000000	0	0.000000	0	0.000000
430093	1.0000	0	0.000000	0	0.000000	0	0.000000
430094	1.0000	0	0.000000	0	0.000000	0	0.000000
430095	1.0000	33	0.962957	269	0.845747	709	0.791704
430096	1.0000	1	0.000000	0	0.000000	0	0.000000
430097	1.0000	0	0.000000	0	0.000000	0	0.000000
440001	0.9954	144	1.061589	58	0.981534	2	0.000000
440002	0.9985	846	1.023100	1850	0.990449	1596	1.019606
440003	0.9898	305	1.176228	222	1.140238	109	0.984322
440006	0.9977	366	1.100598	344	0.965716	97	0.972558
440007	0.9987	309	0.897870	57	1.040006	14	0.000000
440008	0.9947	123	0.984817	126	1.090514	12	0.000000
440009	0.9920	422	1.122766	549	1.053903	83	1.054977
440010	0.9892	151	1.079582	81	1.015516	1	0.000000
440011	0.9890	853	1.153029	495	1.021013	163	1.034286
440012	0.9935	757	1.064345	567	1.187640	460	0.996064
440015	0.9995	390	0.989687	568	1.025517	356	0.993068
440016	1.0000	93	0.966930	117	0.964148	12	0.000000
440017	0.9936	457	1.076560	642	1.073167	672	1.073581
440018	0.9892	281	1.154393	113	0.971533	18	0.000000
440020	1.0000	134	0.995916	61	0.942805	3	0.000000
440025	0.9888	513	1.080242	247	1.102250	33	1.023952
440029	0.9996	341	0.936689	312	0.949339	124	1.026182
440030	0.9899	381	1.112170	306	1.139792	170	1.029622
440031	0.9997	204	0.926178	108	1.007921	10	0.000000
440032	0.9983	70	0.992247	82	1.038994	19	0.000000
440033	0.9886	296	1.117030	205	0.967612	23	0.000000
440034	0.9934	266	1.056843	473	1.114329	269	1.112572
440035	0.9930	552	0.946058	492	1.141343	193	1.071259
440039	0.9989	377	1.064053	828	0.935991	570	1.033859
440040	0.9800	165	1.082079	161	1.114574	2	0.000000
440046	0.9967	229	0.995994	304	1.066371	44	1.027706
440047	0.9987	59	1.018126	44	0.946537	9	0.000000
440048	1.0000	1002	0.963317	1678	0.888214	829	0.929073
440049	0.9943	1162	1.041805	2288	1.094456	952	1.086571
440050	1.0000	101	0.969592	73	0.975148	13	0.000000
440051	0.9993	105	0.945101	88	1.019707	17	0.000000
440053	0.9880	757	1.170747	531	1.103685	187	1.132738
440054	1.0000	238	0.903113	111	1.000081	11	0.000000
440056	0.9989	227	0.917839	205	0.982940	33	1.110791
440057	0.9962	177	1.063233	224	1.005474	31	1.011443
440058	0.9913	379	1.037659	278	1.193780	43	0.960178
440059	0.9993	705	0.975515	678	0.967750	646	1.015650
440060	0.9997	39	0.970338	26	1.006466	9	0.000000
440061	0.9966	304	1.045434	183	0.985782	17	0.000000
440063	0.9912	804	1.100635	960	1.021275	846	1.147892
440064	1.0000	234	0.974489	65	0.910275	28	0.993910
440065	0.9999	357	0.997151	135	0.976892	38	1.005588
440067	0.9943	123	1.124142	88	1.051764	25	1.004701
440068	0.9965	302	1.018759	157	1.045218	13	0.000000
440070	0.9832	211	1.109103	60	1.066000	11	0.000000
440072	0.9946	199	1.077930	479	1.040431	117	1.106957
440073	0.9934	791	1.061997	630	1.085611	298	1.081380
440081	1.0000	249	0.918178	160	0.900407	38	0.970065
440082	0.9957	663	1.104580	1415	0.933681	1456	1.044855
440083	0.9871	179	1.104853	166	1.169394	17	0.000000
440084	0.9946	288	1.046266	135	1.043657	18	0.000000
440091	1.0000	1151	0.847994	1469	0.878698	934	0.971747
440102	1.0000	201	0.941112	144	0.975251	8	0.000000

440104	1.0000	297	0.949695	340	0.901782	264	0.979326
440109	0.9973	256	0.966569	108	1.058893	22	0.000000
440110	0.9988	137	1.014596	121	0.869269	27	1.029738
440111	1.0000	16	0.000000	21	0.000000	18	0.000000
440115	0.9970	75	1.014082	94	1.021296	4	0.000000
440120	0.9973	566	0.875313	750	0.880676	497	1.090101
440125	0.9980	442	0.998540	379	1.040621	237	1.055440
440130	0.9957	148	1.068519	174	1.031774	20	0.000000
440131	1.0000	115	0.980981	59	0.963464	9	0.000000
440132	0.9968	268	1.076657	176	0.870782	47	1.021067
440133	0.9980	420	1.051532	615	0.886784	177	1.069085
440137	0.9962	195	0.964709	132	1.123244	10	0.000000
440141	0.9932	136	1.038813	72	1.040373	3	0.000000
440144	0.9946	310	1.033104	288	1.138160	81	0.995425
440148	0.9957	138	1.059271	105	0.983890	11	0.000000
440150	0.9979	387	1.049413	295	1.025204	84	1.002625
440151	0.9926	351	1.065271	236	1.043034	25	0.999463
440152	0.9997	17	0.000000	27	1.056480	5	0.000000
440153	0.9963	183	1.024306	94	1.043210	22	0.000000
440156	1.0000	412	0.916238	420	0.928146	251	0.873994
440159	0.9962	36	1.001272	90	1.098528	3	0.000000
440161	0.9993	426	1.058334	727	0.954251	395	0.862508
440168	0.9988	61	1.014330	29	0.978051	5	0.000000
440173	0.9991	588	0.995756	648	1.036396	429	0.907261
440174	0.9949	40	1.065181	87	1.046181	8	0.000000
440175	0.9867	342	1.096413	153	1.125777	9	0.000000
440176	0.9972	247	1.037926	165	1.032811	70	1.034492
440180	0.9813	234	1.148100	74	1.110666	13	0.000000
440181	0.9976	64	0.941661	54	1.036054	3	0.000000
440182	0.9982	105	1.034835	54	0.999011	14	0.000000
440183	0.9992	397	1.040841	731	0.987357	252	0.940014
440184	1.0000	232	0.906454	82	0.975740	7	0.000000
440185	0.9916	566	1.078475	388	1.194685	90	1.003765
440186	0.9990	122	1.011778	73	1.003206	5	0.000000
440187	0.9800	344	1.320046	170	1.109004	25	1.050070
440189	0.9964	205	1.045206	294	0.980037	224	1.088333
440192	0.9920	185	1.069819	96	1.037119	19	0.000000
440193	0.9947	270	1.054079	191	1.152011	41	0.956325
440194	0.9973	168	0.987658	162	1.094357	51	0.924523
440197	0.9980	178	1.061486	133	0.948998	58	0.988256
440200	0.9939	82	1.018247	56	1.094409	7	0.000000
440218	1.0000	0	0.000000	0	0.000000	0	0.000000
440227	0.9972	207	1.028970	107	1.074261	40	0.939726
440228	0.9997	309	0.958324	196	1.011214	26	1.009623
450002	1.0000	325	0.977482	360	0.925778	114	0.960613
450005	1.0000	135	0.900142	104	0.961101	33	0.942304
450007	1.0000	523	0.881751	291	0.842018	28	0.988519
450010	0.9997	688	1.014025	874	0.961052	436	0.943969
450011	0.9993	545	1.034325	809	0.962496	323	0.931739
450015	0.9997	85	0.936766	280	0.899183	71	1.037833
450018	0.9977	201	1.041056	347	1.010203	162	1.067998
450021	1.0000	832	0.945005	1086	0.831215	175	0.988767
450023	1.0000	422	0.946767	628	0.952330	240	0.962825
450024	1.0000	74	0.982391	85	0.931271	32	0.978793
450028	0.9982	296	0.857716	361	0.998371	185	1.053157
450029	0.9971	649	1.027384	626	1.054128	173	0.999020
450032	0.9880	186	1.147892	220	1.155376	23	0.000000
450033	0.9980	668	1.011788	758	1.044384	222	1.009999
450034	0.9974	630	0.965557	994	1.075092	386	0.942914
450035	0.9994	78	0.997126	232	1.019950	56	0.924859
450037	0.9961	678	1.110767	974	1.032014	542	0.969871
450039	0.9997	129	1.022038	124	0.995281	61	0.975383
450040	1.0000	887	0.914019	854	0.973625	616	0.933892
450042	0.9989	447	1.062306	665	0.977340	416	0.975246
450044	1.0000	238	0.974957	496	0.945228	120	0.930670
450046	0.9995	864	0.988778	986	0.990632	453	1.023186
450051	0.9964	281	1.060866	455	1.098276	216	1.033106
450052	0.9984	125	0.975814	44	1.050632	11	0.000000
450054	0.9994	700	1.032851	743	0.982665	552	1.004614
450055	1.0000	188	0.983916	89	0.974482	9	0.000000
450056	0.9991	604	1.006563	814	0.984151	251	1.056375
450058	1.0000	1028	0.924157	1702	0.941896	803	0.919882
450064	0.9993	484	1.011368	545	0.982542	123	1.033703
450068	1.0000	175	0.954182	348	0.891202	231	0.980010
450072	1.0000	298	0.931123	264	0.959815	110	0.993431

450073	1.0000	71	0.974631	74	0.995546	5	0.000000
450078	0.9988	45	0.962949	28	1.037334	0	0.000000
450079	0.9973	414	0.936811	347	1.075364	181	1.032996
450080	1.0000	247	0.964029	151	0.983256	18	0.000000
450082	0.9999	197	0.999417	136	1.002018	6	0.000000
450083	0.9990	715	0.992392	782	0.933136	751	1.028762
450085	1.0000	258	0.860238	109	0.983614	15	0.000000
450087	1.0000	268	0.968530	344	0.936403	122	0.928641
450090	1.0000	107	0.955160	135	0.976805	9	0.000000
450092	1.0000	234	0.906974	291	0.929006	50	0.964703
450097	0.9983	353	0.907593	417	0.981234	186	1.088243
450099	0.9990	121	0.972159	145	1.019988	15	0.000000
450101	1.0000	270	0.911876	315	0.967749	182	0.978490
450102	1.0000	936	0.941364	1214	0.930883	931	0.874289
450104	1.0000	267	0.903211	236	0.954946	31	0.980578
450107	0.9999	550	0.963303	610	0.962570	223	1.006065
450108	0.9980	91	1.038418	88	0.942239	22	0.000000
450119	0.9971	479	0.845553	1055	0.962898	477	1.064921
450123	1.0000	49	0.978639	87	0.985900	13	0.000000
450124	0.9996	56	0.980149	97	1.039030	43	0.973682
450128	0.9965	342	0.910393	447	1.089316	83	1.021273
450130	1.0000	91	0.971241	155	0.997181	46	0.979711
450132	1.0000	410	0.932471	610	0.966505	524	0.968108
450133	0.9996	395	0.889057	453	1.011862	238	0.881435
450135	0.9968	675	1.001667	1000	0.919815	630	1.128699
450137	1.0000	470	0.902693	458	0.768012	214	0.946815
450143	1.0000	132	0.882645	89	0.914033	2	0.000000
450144	0.9975	69	1.024630	32	0.979347	6	0.000000
450147	0.9985	315	0.916307	495	1.033369	257	0.931523
450148	1.0000	222	0.999587	216	0.976004	8	0.000000
450152	0.9987	215	0.972977	309	1.033314	77	0.988209
450154	0.9965	82	1.060056	188	1.052495	20	0.000000
450155	1.0000	61	0.907093	16	0.000000	1	0.000000
450162	1.0000	99	0.959358	28	0.983005	1	0.000000
450163	0.9997	308	0.988830	276	1.004526	15	0.000000
450165	0.9982	253	1.005072	119	1.031918	26	0.968817
450176	0.9915	477	1.132945	417	1.055893	124	1.063560
450177	0.9909	169	1.019428	132	1.143173	22	0.000000
450178	1.0000	80	0.953287	99	0.966211	3	0.000000
450184	1.0000	1479	0.833649	1783	0.909594	814	0.889827
450187	0.9994	135	1.010595	121	0.912666	32	0.993845
450188	0.9925	296	1.011154	139	1.112332	7	0.000000
450192	0.9991	168	1.015010	153	0.986911	20	0.000000
450193	1.0000	432	0.883098	1249	0.977539	448	0.839534
450194	0.9898	154	1.052898	147	1.148627	16	0.000000
450196	0.9986	526	1.014438	550	1.022579	185	0.935498
450200	0.9923	309	1.181059	299	0.984763	134	1.085243
450203	0.9997	281	0.982159	214	1.005302	27	1.019646
450209	1.0000	235	0.936456	364	0.866292	274	0.916546
450210	0.9965	119	0.966852	86	1.062519	21	0.000000
450211	0.9981	531	0.967107	409	1.058451	227	0.884654
450213	0.9995	56	0.981876	81	1.078338	53	0.916215
450214	0.9991	69	1.017546	133	1.009861	8	0.000000
450219	1.0000	254	0.940426	47	0.972721	4	0.000000
450221	0.9993	94	0.995250	91	1.008728	7	0.000000
450222	0.9935	467	1.005049	665	1.056403	333	1.125959
450229	1.0000	404	0.864108	523	0.870991	477	0.869773
450231	1.0000	879	0.923146	870	0.760482	480	0.943951
450235	0.9985	125	1.018661	83	0.997972	8	0.000000
450236	1.0000	237	0.964301	145	0.917944	82	0.886940
450237	1.0000	889	0.894211	972	0.888979	496	0.900870
450241	0.9967	74	0.988277	39	1.018250	28	1.042572
450243	1.0000	25	0.939237	28	0.940844	0	0.000000
450253	0.9949	62	0.986544	58	1.089099	5	0.000000
450270	0.9995	35	0.989154	27	1.037246	7	0.000000
450271	0.9985	220	0.976840	135	1.061688	120	0.973224
450272	1.0000	209	0.854234	226	0.970622	60	0.952221
450280	0.9982	475	1.059271	583	0.833815	192	0.944241
450283	0.9991	27	0.997428	42	1.021591	3	0.000000
450289	0.9985	64	0.992079	132	0.980315	52	1.096348
450292	0.9987	142	1.029734	210	0.977828	24	0.000000
450293	1.0000	51	0.925151	41	0.970021	1	0.000000
450296	0.9902	110	1.089825	136	1.103295	14	0.000000
450299	1.0000	150	0.956216	222	0.890943	89	0.972791
450306	0.9941	36	1.008167	35	1.066820	1	0.000000



450324	0.9956	392	1.115639	419	0.894906	268	1.042825
450330	0.9990	259	1.015254	205	1.007477	57	0.983989
450340	0.9999	280	1.001014	292	0.930512	99	1.003778
450346	0.9954	657	1.008430	538	1.071193	260	1.081335
450347	1.0000	235	0.982059	174	0.997445	8	0.000000
450348	0.9800	179	1.073682	90	1.096601	2	0.000000
450351	1.0000	195	0.911825	165	0.909015	35	0.959963
450352	0.9997	382	0.907116	384	0.989010	26	1.080939
450358	1.0000	839	0.919335	1393	0.882456	643	0.953117
450369	0.9973	114	0.946168	64	1.054389	7	0.000000
450370	0.9990	107	1.002293	64	1.022826	2	0.000000
450372	1.0000	295	0.984338	230	0.925299	17	0.000000
450373	0.9923	110	1.026834	47	1.084195	3	0.000000
450379	0.9988	96	1.013602	93	1.023286	28	0.987924
450388	1.0000	1498	0.940866	2292	0.922120	1048	0.981089
450389	0.9966	519	0.977361	365	1.071081	80	1.001414
450395	0.9960	208	1.001609	173	1.078554	22	0.000000
450399	1.0000	76	0.962317	35	0.963767	6	0.000000
450400	0.9820	232	1.087208	163	1.132688	17	0.000000
450403	0.9979	368	0.995840	422	1.064183	180	0.938643
450411	1.0000	112	0.995571	131	0.992410	3	0.000000
450419	1.0000	193	0.965253	149	0.889946	21	0.000000
450422	1.0000	0	0.000000	0	0.000000	0	0.000000
450424	0.9995	411	1.017395	510	0.909550	209	0.939935
450431	1.0000	518	0.952768	949	0.936726	374	0.887703
450438	0.9918	88	1.106750	128	1.034290	9	0.000000
450446	1.0000	0	0.000000	1	0.000000	0	0.000000
450447	0.9957	205	0.995428	243	1.108870	30	1.052585
450451	0.9999	120	1.001192	70	0.988319	8	0.000000
450460	0.9959	102	0.946608	82	1.073082	11	0.000000
450462	0.9963	693	0.898481	858	1.028509	306	1.171945
450465	0.9986	140	1.035182	168	0.902838	72	0.957954
450469	0.9998	510	0.941932	516	0.895735	232	1.006963
450475	0.9800	111	1.092319	150	1.258675	15	0.000000
450484	1.0000	223	0.985857	261	0.926253	113	0.974712
450488	1.0000	4	0.000000	4	0.000000	2	0.000000
450489	1.0000	50	0.954258	65	0.948474	8	0.000000
450497	0.9939	193	0.921896	77	1.111671	10	0.000000
450498	1.0000	78	0.944621	59	0.986411	14	0.000000
450508	0.9944	362	1.121310	342	1.011270	89	0.938767
450518	0.9999	230	1.002045	330	0.953061	88	0.949002
450537	1.0000	187	0.983452	212	0.973619	103	0.995340
450539	0.9887	178	1.131835	64	0.921916	3	0.000000
450558	0.9974	289	0.953684	259	0.795633	180	1.086687
450563	0.9991	412	0.979727	381	0.909791	136	1.049715
450565	0.9925	139	1.076520	107	1.109584	13	0.000000
450571	0.9982	466	0.876397	454	0.864913	381	1.048732
450573	1.0000	214	0.884330	89	0.923085	7	0.000000
450578	1.0000	26	0.988554	13	0.000000	3	0.000000
450580	0.9899	141	1.095862	221	1.082245	21	0.000000
450584	1.0000	65	0.914084	40	0.971567	9	0.000000
450586	0.9955	128	1.029136	45	0.953755	7	0.000000
450587	1.0000	378	0.932660	183	0.961900	11	0.000000
450591	1.0000	122	0.912525	131	0.916674	13	0.000000
450596	0.9998	156	0.871370	153	0.942774	48	1.009600
450597	0.9957	217	0.971764	167	1.067885	28	1.024410
450604	1.0000	280	0.888736	159	0.900067	33	0.922756
450605	1.0000	89	0.926332	93	0.880158	9	0.000000
450610	1.0000	534	0.821546	774	0.846987	306	0.840965
450615	0.9943	172	1.035638	134	1.038904	22	0.000000
450617	0.9997	658	1.010653	902	0.995332	465	0.970324
450620	0.9800	109	1.178727	84	1.066616	2	0.000000
450630	0.9998	44	1.007658	54	0.984974	12	0.000000
450634	0.9979	489	1.034408	352	1.051352	245	0.972904
450638	1.0000	313	0.921523	527	0.944294	244	0.979770
450639	0.9984	436	0.927613	483	1.014837	180	1.041345
450641	1.0000	139	0.905058	60	0.938913	5	0.000000
450643	0.9943	200	0.988152	379	1.093747	42	0.963662
450644	1.0000	189	0.996727	274	0.924133	91	0.944956
450647	0.9995	338	1.031296	546	0.932769	154	1.009257
450651	0.9971	310	1.006667	379	1.123423	136	1.024873
450653	0.9956	154	0.996877	156	1.093213	29	1.007872
450654	0.9854	358	1.083982	104	1.060145	55	0.984033
450656	0.9965	211	0.986473	209	1.108158	70	1.011897
450658	1.0000	95	0.958026	89	0.988068	12	0.000000

450659	1.0000	104	0.963137	184	0.901866	47	0.925637
450661	0.9961	143	0.892301	186	1.104490	104	0.944736
450662	0.9943	360	0.938479	319	1.150059	149	0.932168
450668	1.0000	381	0.994823	423	0.905476	141	0.906711
450669	0.9932	189	1.072118	236	1.144602	48	1.155221
450670	1.0000	571	0.866640	516	0.891544	155	0.966453
450672	0.9988	263	1.024987	488	0.947064	351	1.029825
450674	1.0000	0	0.000000	0	0.000000	0	0.000000
450675	0.9971	268	1.024341	375	1.021876	170	1.072343
450677	1.0000	321	0.984887	448	0.963799	201	0.900805
450678	1.0000	304	0.976607	371	0.953456	118	0.998795
450683	0.9995	63	0.968920	132	0.950445	32	1.025068
450684	0.9961	274	0.877245	449	1.083087	143	0.974418
450686	0.9975	369	1.066970	456	0.972949	211	1.087281
450688	0.9943	85	1.043624	284	1.098094	118	1.030189
450690	1.0000	244	0.950872	185	0.959074	48	0.991598
450694	0.9951	126	0.902687	101	1.057816	10	0.000000
450697	1.0000	126	0.954153	225	0.974051	59	0.975510
450698	1.0000	63	0.956439	21	0.000000	3	0.000000
450702	0.9994	197	0.895275	201	0.988702	86	1.039092
450709	0.9968	203	1.049861	171	1.053763	77	1.006569
450711	0.9982	508	0.886858	791	0.963312	163	1.096879
450713	0.9946	477	1.046653	675	1.017072	365	1.109817
450716	1.0000	156	0.931674	142	0.944207	90	0.998930
450718	1.0000	261	0.940153	268	0.911476	181	0.994328
450723	0.9993	356	0.887775	499	0.861514	141	1.051139
450730	0.9999	149	0.982034	186	0.981578	61	1.007268
450742	0.9998	251	0.993639	189	0.980122	53	1.017082
450743	0.9961	454	0.974208	302	0.877480	122	1.153324
450746	1.0000	23	0.000000	17	0.000000	1	0.000000
450747	0.9981	288	1.034369	142	0.938876	41	0.980022
450749	0.9893	77	1.066827	73	1.065453	0	0.000000
450754	0.9978	181	1.019002	212	1.013394	20	0.000000
450755	1.0000	100	0.944936	65	0.987826	2	0.000000
450766	1.0000	5	0.000000	2	0.000000	0	0.000000
450770	1.0000	13	0.000000	11	0.000000	9	0.000000
450771	0.9979	277	0.933912	341	1.032830	154	1.070826
450774	1.0000	0	0.000000	0	0.000000	0	0.000000
450775	0.9980	312	0.969384	494	1.047773	181	0.947767
450779	1.0000	354	0.961798	356	0.900934	64	0.974072
450780	1.0000	0	0.000000	0	0.000000	0	0.000000
450788	0.9956	526	1.019941	614	0.932701	255	1.153329
450795	0.9997	30	1.007099	29	1.008561	13	0.000000
450796	1.0000	0	0.000000	0	0.000000	0	0.000000
450797	1.0000	0	0.000000	0	0.000000	0	0.000000
450801	0.9994	693	0.962537	874	0.949287	467	1.018809
450803	1.0000	80	0.908490	70	0.975130	20	0.000000
450804	1.0000	0	0.000000	0	0.000000	0	0.000000
450808	1.0000	0	0.000000	0	0.000000	0	0.000000
450809	1.0000	379	0.981171	399	0.914172	188	0.933818
450813	1.0000	13	0.000000	34	0.994285	1	0.000000
450820	0.9993	406	0.861772	411	1.023544	188	0.987733
450822	0.9991	63	0.922777	85	0.954398	34	1.040625
450825	1.0000	4	0.000000	1	0.000000	0	0.000000
450827	1.0000	90	0.972511	33	0.956540	1	0.000000
450828	1.0000	257	0.945581	215	0.944618	49	0.961909
450831	1.0000	0	0.000000	0	0.000000	0	0.000000
450832	0.9977	194	0.987993	303	0.992057	131	1.054575
450833	0.9982	178	0.967235	109	1.042361	8	0.000000
450834	1.0000	5	0.000000	0	0.000000	0	0.000000
450839	0.9904	75	1.083168	59	1.124131	2	0.000000
450840	0.9968	150	1.054659	109	1.026715	9	0.000000
450841	1.0000	51	1.000038	15	0.000000	4	0.000000
450844	0.9982	265	0.963071	284	1.059448	222	1.001402
450845	1.0000	0	0.000000	0	0.000000	0	0.000000
450847	0.9997	363	0.945805	246	0.922853	43	1.057845
450848	0.9986	115	0.877597	91	1.054119	18	0.000000
450851	1.0000	7	0.000000	227	0.944617	385	0.811138
450853	1.0000	8	0.000000	3	0.000000	0	0.000000
450855	0.9998	268	0.928205	280	0.987648	131	1.007036
450856	1.0000	0	0.000000	0	0.000000	0	0.000000
450860	1.0000	0	0.000000	0	0.000000	0	0.000000
450862	1.0000	275	0.965237	301	0.962129	100	0.989013
450864	1.0000	0	0.000000	0	0.000000	0	0.000000
450865	0.9949	36	1.058395	6	0.000000	0	0.000000

450867	0.9989	191	1.027040	110	0.949997	7	0.000000
450869	0.9989	381	0.899430	670	1.033908	321	0.987331
450871	1.0000	1	0.000000	0	0.000000	0	0.000000
450872	1.0000	7	0.000000	4	0.000000	0	0.000000
450874	1.0000	0	0.000000	0	0.000000	0	0.000000
450875	1.0000	0	0.000000	0	0.000000	0	0.000000
450876	0.9992	193	0.946441	747	1.009946	421	0.886312
450877	0.9985	136	1.001412	111	1.019917	30	1.019486
450880	1.0000	0	0.000000	0	0.000000	0	0.000000
450883	1.0000	2	0.000000	1	0.000000	0	0.000000
450884	1.0000	63	0.978046	108	0.987476	17	0.000000
450885	0.9986	133	0.950307	161	0.993137	69	1.070922
450886	1.0000	0	0.000000	0	0.000000	0	0.000000
450888	1.0000	0	0.000000	0	0.000000	0	0.000000
450889	1.0000	0	0.000000	0	0.000000	0	0.000000
450890	0.9997	260	1.005384	251	1.009835	30	1.008892
450891	1.0000	0	0.000000	0	0.000000	0	0.000000
450893	1.0000	0	0.000000	0	0.000000	0	0.000000
450894	1.0000	0	0.000000	0	0.000000	0	0.000000
460001	1.0000	249	0.857997	311	0.887122	324	0.839122
460003	0.9995	57	0.990796	93	0.902414	47	1.019448
460004	1.0000	278	0.897639	255	0.754310	219	0.962260
460005	1.0000	163	0.993662	91	0.898279	56	0.909770
460006	1.0000	125	0.875661	76	0.971663	4	0.000000
460007	1.0000	138	0.897956	38	0.935247	21	0.000000
460009	1.0000	170	0.908999	243	0.942586	181	0.955161
460010	1.0000	268	0.896866	531	0.785735	407	0.847205
460011	1.0000	147	0.817167	45	0.995410	2	0.000000
460013	1.0000	145	0.942388	60	0.902186	38	0.947184
460014	0.9998	88	0.853491	66	1.006319	12	0.000000
460015	1.0000	107	0.965464	78	0.928378	23	0.000000
460017	1.0000	36	0.999141	9	0.000000	0	0.000000
460019	0.9971	79	1.018916	57	1.038190	1	0.000000
460021	1.0000	458	0.929611	361	0.776882	397	0.844150
460023	1.0000	125	0.876882	65	0.968345	5	0.000000
460026	0.9992	78	0.919454	29	1.024182	3	0.000000
460030	1.0000	65	0.962911	39	0.900611	2	0.000000
460033	1.0000	37	0.952730	14	0.000000	3	0.000000
460035	1.0000	62	0.974370	24	0.000000	6	0.000000
460039	1.0000	31	0.954471	15	0.000000	4	0.000000
460041	1.0000	167	0.946710	127	0.890257	63	0.960550
460042	1.0000	248	0.867973	74	0.920712	58	0.958912
460043	1.0000	0	0.000000	0	0.000000	0	0.000000
460044	1.0000	132	0.974506	71	0.942867	6	0.000000
460047	1.0000	427	0.864460	280	0.978549	138	0.925599
460049	1.0000	0	0.000000	0	0.000000	0	0.000000
460051	0.9998	205	0.945997	174	1.007121	82	0.978321
460052	0.9997	64	1.012647	40	1.001621	58	0.961262
460054	1.0000	15	0.000000	8	0.000000	1	0.000000
460057	1.0000	10	0.000000	15	0.000000	0	0.000000
460058	1.0000	57	0.917588	13	0.000000	2	0.000000
470001	1.0000	348	0.834702	172	0.910362	28	0.920782
470003	0.9998	615	1.013632	785	0.921950	841	0.872398
470005	0.9989	525	0.897372	273	1.046599	95	0.977943
470011	1.0000	152	0.981719	63	0.977820	19	0.000000
470012	1.0000	471	0.994099	283	0.985228	44	0.957084
470024	1.0000	285	0.888238	108	0.939589	45	0.892197
490001	0.9898	251	1.160153	125	1.030505	9	0.000000
490002	0.9800	336	1.216641	150	1.076985	10	0.000000
490004	0.9924	809	1.051226	988	1.032903	411	1.114789
490005	1.0000	961	0.991070	1316	0.933650	626	0.890317
490007	1.0000	321	0.960703	994	0.998478	521	0.969529
490009	0.9971	342	1.026735	662	0.938080	507	1.142163
490011	0.9994	182	1.033328	396	0.924338	154	0.883461
490012	0.9918	192	1.121082	108	1.031535	16	0.000000
490013	0.9998	194	1.007594	339	0.969508	78	0.962298
490017	0.9978	280	1.003029	560	0.941692	290	1.078435
490018	1.0000	465	0.979578	657	0.906966	269	0.872586
490019	0.9875	249	1.141684	189	1.224643	39	1.020565
490020	0.9973	148	1.016421	266	1.057310	46	1.009073
490021	0.9930	807	1.069005	1497	0.956060	771	1.182585
490022	0.9928	746	1.044631	1039	1.086304	488	1.113125
490023	0.9894	341	1.146738	307	1.117512	57	1.003154
490024	0.9995	661	1.040737	1136	0.897341	1398	0.995819
490027	0.9947	111	1.031007	128	1.093454	14	0.000000

490032	0.9964	146	1.044959	432	1.073645	249	1.124259
490033	0.9973	163	1.044592	121	1.006520	15	0.000000
490037	0.9968	190	0.962535	210	1.051855	44	1.118044
490038	0.9987	242	1.018761	164	0.943751	44	0.969715
490040	1.0000	416	0.970904	625	0.975306	249	0.990544
490041	1.0000	231	0.959937	321	0.960505	110	0.997667
490042	0.9959	302	1.114530	280	0.986083	34	1.000388
490043	0.9977	464	1.012582	464	1.040085	149	0.851981
490044	0.9990	317	1.016931	526	1.014487	107	0.937293
490045	1.0000	377	0.939624	282	0.972638	109	0.943619
490046	0.9985	510	1.044882	729	0.902980	125	1.063370
490048	0.9919	627	0.955456	823	1.018959	479	1.238329
490050	1.0000	471	0.951224	454	0.851820	174	0.869937
490052	1.0000	350	0.943372	641	0.944106	372	0.924270
490053	0.9892	425	1.136042	310	1.094755	114	1.136039
490057	0.9978	607	1.029722	758	1.039028	310	0.915897
490059	0.9959	442	1.122753	728	1.016993	315	1.085204
490060	0.9867	174	1.115014	284	1.195659	46	1.029737
490063	0.9999	722	0.880836	1188	1.004973	856	0.967337
490066	0.9990	372	0.862717	527	0.994890	149	1.059385
490067	0.9903	394	1.069058	608	1.165666	312	1.086515
490069	0.9995	345	1.034222	813	0.989845	348	0.991940
490075	0.9883	382	1.135423	563	1.217931	175	1.051120
490077	0.9976	631	1.077264	575	1.004419	259	0.970685
490079	0.9981	375	0.965739	346	1.024368	130	1.054886
490084	0.9958	120	0.883437	196	1.073161	33	1.013223
490088	0.9959	148	0.904700	123	1.074747	16	0.000000
490089	0.9997	176	0.971200	140	1.004728	26	0.936895
490090	0.9929	205	1.162635	239	1.042366	38	1.022954
490092	0.9944	234	1.030447	150	1.073104	29	0.963476
490093	0.9956	372	1.182489	453	0.929201	117	1.042680
490094	1.0000	28	0.993347	40	0.970643	3	0.000000
490097	0.9830	201	1.142503	218	1.118978	50	1.125585
490098	0.9999	154	1.006204	336	0.947588	65	0.985694
490101	0.9978	342	1.024793	341	1.042481	44	1.101597
490105	1.0000	6	0.000000	0	0.000000	0	0.000000
490106	1.0000	0	0.000000	0	0.000000	0	0.000000
490107	0.9998	269	0.993648	327	0.915716	100	1.025118
490109	1.0000	6	0.000000	1	0.000000	0	0.000000
490110	0.9962	216	1.082655	149	1.051582	62	1.024903
490111	0.9986	207	1.025619	166	0.955897	44	0.932946
490112	0.9996	577	0.927805	1175	0.922651	487	1.017406
490113	1.0000	233	0.991920	464	0.998007	108	1.001724
490114	0.9939	92	1.092368	130	0.968545	51	1.160075
490115	0.9994	347	1.008913	235	0.998198	20	0.000000
490116	0.9841	260	1.077087	215	1.223676	64	1.121715
490117	0.9963	101	1.052375	58	0.990415	11	0.000000
490118	1.0000	539	0.878626	953	0.963193	329	0.966848
490119	1.0000	289	0.975360	342	0.890120	63	0.917560
490120	0.9974	623	1.056891	705	1.026173	258	0.976443
490122	0.9985	231	1.063143	372	0.992638	63	1.069876
490123	1.0000	175	0.927820	97	0.928022	13	0.000000
490126	0.9935	241	1.134523	230	0.856179	20	0.000000
490127	0.9960	135	1.063758	107	0.981389	21	0.000000
490130	0.9987	266	0.976620	270	1.027862	49	0.932294
490134	1.0000	1	0.000000	0	0.000000	0	0.000000
490135	1.0000	2	0.000000	2	0.000000	0	0.000000
490136	0.9963	200	1.049307	420	0.960444	135	1.166005
490140	1.0000	138	0.915680	140	0.946606	32	0.979158
490141	0.9967	76	1.063898	98	0.968799	38	1.078491
500001	1.0000	308	0.921422	408	0.884518	138	0.963453
500002	1.0000	153	0.869724	145	0.955517	49	0.973794
500003	0.9994	310	1.020796	311	0.968094	182	0.981400
500005	0.9986	257	0.984467	352	1.078776	163	0.944295
500007	0.9976	196	1.044143	105	0.977786	28	1.071591
500008	0.9989	128	1.021510	233	1.030997	91	1.065859
500011	1.0000	276	0.908672	228	0.905310	61	0.970621
500012	0.9996	169	1.025748	321	1.001798	303	0.993716
500014	0.9988	318	0.939501	556	0.874445	477	1.035529
500015	0.9925	305	1.045013	307	1.150414	89	1.018409
500016	1.0000	272	0.927556	374	0.803976	258	0.767509
500019	0.9998	220	0.923815	310	0.879296	39	1.032015
500021	1.0000	263	0.927369	245	0.988235	54	0.963086
500024	1.0000	369	0.907659	627	0.814497	559	0.831230
500025	1.0000	35	0.926665	607	0.983272	374	0.935181

500026	0.9971	316	0.955170	236	1.006727	134	1.148905
500027	0.9992	533	1.031913	324	1.033042	26	0.988841
500030	1.0000	603	0.903626	475	0.875670	406	0.834734
500031	0.9964	245	0.960953	507	1.065619	38	0.918998
500033	1.0000	131	0.993035	80	0.933534	17	0.000000
500036	1.0000	533	0.955824	528	0.890817	192	0.997108
500037	0.9942	51	1.030614	66	1.081207	13	0.000000
500039	1.0000	552	0.951747	571	0.916316	418	0.974036
500041	1.0000	365	0.934576	264	0.947518	104	0.959918
500044	0.9988	362	1.004457	442	1.037322	317	0.913281
500049	1.0000	62	0.915747	82	0.981662	23	0.000000
500050	0.9964	383	1.045277	642	0.936174	357	1.095745
500051	0.9986	408	0.956985	586	1.046193	217	0.867943
500052	1.0000	0	0.000000	0	0.000000	0	0.000000
500053	0.9965	253	0.963431	233	1.090048	26	1.033821
500054	1.0000	392	0.935511	683	0.893232	775	0.666265
500058	1.0000	361	0.879194	429	0.976824	408	0.798721
500060	1.0000	90	0.941702	57	0.990611	10	0.000000
500064	0.9997	104	1.069159	134	0.908454	51	0.948085
500072	1.0000	388	0.872818	273	0.842950	65	0.911752
500077	1.0000	311	0.857298	316	0.865526	126	0.852058
500079	0.9961	530	1.069837	661	1.006960	249	1.089341
500084	0.9993	70	0.971767	55	1.017959	7	0.000000
500088	0.9978	485	1.036251	545	1.046288	228	0.916962
500108	0.9977	261	0.952212	525	0.990018	367	1.086222
500119	0.9989	380	0.990959	243	1.036699	31	0.950913
500124	1.0000	306	0.811729	426	0.870851	245	0.959586
500129	0.9975	341	1.069480	626	1.061555	294	0.957529
500139	1.0000	120	0.963919	115	0.996597	50	0.962687
500141	0.9986	214	0.998989	352	1.046240	115	0.982742
500148	1.0000	34	0.958388	12	0.000000	0	0.000000
500150	0.9973	297	1.078553	332	0.994327	50	1.029988
500151	0.9995	289	1.017107	266	0.985157	55	0.943861
500152	1.0000	15	0.000000	19	0.000000	6	0.000000
510001	0.9963	364	1.132894	392	1.116051	376	1.003920
510002	0.9943	480	1.067655	209	0.999719	21	0.000000
510006	0.9986	687	1.001955	509	1.044243	290	0.993148
510007	0.9995	760	1.009501	810	0.901448	610	1.004920
510008	0.9989	337	0.985478	310	1.032962	121	0.941837
510012	0.9966	219	1.023487	162	1.051921	25	1.018122
510013	0.9981	157	1.026385	170	0.951661	45	1.030225
510022	0.9956	912	1.086800	1100	0.919539	1213	1.064139
510023	0.9969	448	0.972493	297	1.062630	56	1.027339
510024	0.9986	214	1.030408	439	1.027389	375	1.004665
510029	1.0000	527	0.950649	396	0.994493	125	0.961808
510030	0.9913	300	1.078953	255	1.139372	52	0.909071
510031	0.9992	152	1.028408	141	0.876935	35	0.999033
510038	0.9854	188	1.183976	122	1.101318	18	0.000000
510039	0.9969	160	1.037418	139	1.044484	54	1.051920
510046	0.9915	455	1.135609	363	1.071866	78	1.073490
510047	0.9973	285	0.952911	387	1.043958	86	0.935419
510048	0.9852	371	1.253826	286	1.116115	24	0.000000
510050	0.9895	500	1.094055	274	0.995982	282	1.089222
510053	0.9996	96	0.958790	52	1.013764	15	0.000000
510055	0.9991	274	0.995874	247	1.063919	38	0.983769
510058	0.9950	817	0.995725	816	1.126506	389	0.983758
510062	0.9946	187	1.082644	200	1.163532	16	0.000000
510070	0.9878	413	1.255626	435	1.003282	246	1.278169
510071	0.9980	260	1.032843	272	1.031892	55	0.929472
510072	0.9993	177	0.928531	72	1.011103	25	1.002839
510077	0.9962	89	1.035666	92	1.073855	6	0.000000
510082	1.0000	185	0.974488	80	0.932905	14	0.000000
510085	1.0000	139	0.995075	123	0.966242	13	0.000000
510086	0.9970	71	1.035132	20	0.000000	4	0.000000
520002	0.9950	268	1.041108	179	1.075175	30	0.936809
520004	0.9987	292	1.043197	245	0.847303	120	0.889489
520008	0.9974	547	1.024130	825	1.038894	257	1.025782
520009	0.9996	145	1.017168	156	0.854298	94	0.956212
520011	1.0000	135	0.931737	136	0.905649	11	0.000000
520013	1.0000	281	0.896248	274	0.933229	209	0.926587
520017	1.0000	121	0.962295	88	0.953457	11	0.000000
520019	1.0000	169	0.945215	167	0.922263	24	0.000000
520021	0.9965	374	1.103653	562	1.021753	139	0.974694
520027	1.0000	308	0.959664	377	0.852241	245	0.932531
520028	1.0000	326	0.933312	203	0.886583	29	0.947264

520030	1.0000	345	0.948099	643	0.846820	287	0.782529
520033	1.0000	97	0.963391	167	0.924457	22	0.000000
520034	0.9998	110	0.896657	95	0.870358	59	1.007599
520035	1.0000	169	0.923083	180	0.748057	58	0.986218
520037	0.9977	305	1.053607	476	1.061072	345	0.896238
520038	1.0000	136	0.916498	151	0.906398	52	0.941632
520041	1.0000	150	0.983747	115	0.921494	8	0.000000
520044	1.0000	129	0.945925	134	0.977993	39	0.983128
520045	0.9991	114	1.044206	182	0.947287	52	1.024576
520048	1.0000	134	0.963800	142	0.902262	60	0.989088
520049	1.0000	158	0.976609	333	0.837399	336	0.757287
520051	1.0000	270	0.968733	401	0.933064	161	0.969698
520057	1.0000	165	0.917721	111	0.921813	3	0.000000
520059	1.0000	218	0.923222	195	0.973387	40	0.967643
520062	1.0000	128	0.928676	168	0.945470	40	0.982938
520063	0.9941	237	1.109920	160	0.931992	17	0.000000
520066	1.0000	339	0.938548	362	0.975043	170	0.936145
520070	1.0000	339	0.868442	547	0.812453	242	0.916117
520071	0.9986	171	1.037778	149	0.973994	19	0.000000
520075	0.9992	139	1.010776	258	0.867585	218	1.021408
520076	1.0000	148	0.885873	150	0.945000	25	0.957193
520078	0.9980	216	0.937038	334	0.996482	156	1.069393
520083	1.0000	571	0.912658	631	0.933175	427	0.807663
520087	1.0000	225	0.843114	245	0.875452	301	0.878353
520088	1.0000	282	0.872847	191	0.874048	158	0.852528
520089	1.0000	496	0.986694	655	0.905833	359	0.912418
520091	1.0000	162	0.959992	156	0.945720	21	0.000000
520095	1.0000	56	0.922696	49	0.910447	3	0.000000
520096	0.9973	468	1.010476	716	1.051345	196	1.018072
520097	0.9998	97	0.936533	197	0.986286	99	1.005680
520098	1.0000	396	0.994024	428	0.914059	391	0.933043
520100	1.0000	184	0.887376	303	0.910548	119	0.915681
520102	1.0000	278	0.875552	152	0.875148	29	0.972735
520103	0.9982	418	1.025982	345	0.960073	153	1.039229
520107	0.9994	142	0.900563	164	1.015652	75	1.004900
520109	0.9955	147	1.067177	81	0.952268	18	0.000000
520113	0.9989	249	1.028129	327	0.944558	143	0.994139
520116	0.9997	193	0.960225	110	0.960510	34	1.025342
520136	0.9971	234	1.060599	551	0.894929	244	1.073234
520138	1.0000	1055	0.935895	1796	0.930363	1087	0.854436
520139	0.9994	438	0.935012	367	1.025574	116	0.944301
520160	1.0000	282	0.823521	344	0.776530	211	0.870813
520177	0.9991	396	1.062128	564	1.017365	161	0.935935
520189	1.0000	260	0.966458	136	0.944515	16	0.000000
520193	0.9996	101	0.899267	156	0.928857	134	1.014717
520194	1.0000	0	0.000000	0	0.000000	0	0.000000
520195	1.0000	0	0.000000	0	0.000000	0	0.000000
520196	1.0000	0	0.000000	0	0.000000	0	0.000000
520198	0.9999	130	0.904299	116	0.934228	38	1.003786
520202	1.0000	78	0.957709	205	0.906559	236	0.949099
520204	1.0000	107	0.975672	79	0.893583	7	0.000000
520205	1.0000	0	0.000000	0	0.000000	0	0.000000
520206	1.0000	64	0.970493	65	0.936771	32	0.939161
520207	1.0000	98	0.970181	82	0.939545	60	0.950675
520208	1.0000	19	0.000000	10	0.000000	4	0.000000
530002	0.9974	129	0.889734	119	1.050798	12	0.000000
530006	0.9999	166	0.932210	82	1.002623	14	0.000000
530008	1.0000	105	0.922862	85	0.950890	12	0.000000
530010	1.0000	121	0.897743	77	0.972935	7	0.000000
530011	1.0000	44	0.943185	61	0.995379	4	0.000000
530012	1.0000	417	0.897849	329	0.889583	344	0.887284
530014	0.9997	385	0.945394	361	0.891888	226	1.010759
530015	1.0000	66	0.942067	51	0.953053	6	0.000000
530025	0.9997	138	0.965446	50	1.016972	12	0.000000
530032	1.0000	48	0.977836	17	0.000000	2	0.000000
530033	1.0000	25	0.934880	7	0.000000	1	0.000000
670002	0.9983	61	0.957488	105	1.044721	5	0.000000
670004	0.9975	236	0.991909	166	1.047392	11	0.000000
670005	1.0000	0	0.000000	0	0.000000	0	0.000000
670006	1.0000	86	0.970304	44	0.972029	11	0.000000
670008	1.0000	0	0.000000	0	0.000000	0	0.000000
670012	1.0000	0	0.000000	0	0.000000	0	0.000000
670018	1.0000	4	0.000000	17	0.000000	0	0.000000
670019	1.0000	23	0.000000	30	0.937634	3	0.000000
670021	1.0000	0	0.000000	0	0.000000	0	0.000000

670023	0.9981	222	1.056948	272	0.891834	158	0.953335
670024	1.0000	465	0.979011	351	0.921733	174	0.859011
670025	0.9981	12	0.000000	351	0.884700	213	1.049808
670029	1.0000	1	0.000000	1	0.000000	0	0.000000
670031	1.0000	135	0.972562	191	0.915319	25	0.969440
670034	1.0000	203	0.931116	145	0.852810	90	0.885147
670041	1.0000	216	0.931033	209	0.960509	118	0.901949
670043	0.9948	158	1.094639	105	1.038851	7	0.000000
670044	0.9980	189	0.886569	152	1.059586	10	0.000000
670046	1.0000	0	0.000000	0	0.000000	0	0.000000
670047	0.9981	205	1.060178	156	0.949868	58	0.968519
670049	1.0000	0	0.000000	0	0.000000	0	0.000000
670050	1.0000	41	0.990598	26	0.977565	0	0.000000
670052	0.9961	94	1.037732	44	1.034288	11	0.000000
670053	0.9995	84	0.968504	81	0.981777	39	1.038325
670054	1.0000	0	0.000000	0	0.000000	0	0.000000
670055	0.9992	221	1.039294	252	0.979180	96	0.967611
670056	0.9956	178	1.076717	122	0.980721	71	1.081865
670058	1.0000	1	0.000000	0	0.000000	0	0.000000
670059	1.0000	2	0.000000	11	0.000000	2	0.000000
670060	0.9974	84	1.054711	190	0.967346	71	1.054824
670061	1.0000	2	0.000000	0	0.000000	0	0.000000
670062	1.0000	0	0.000000	0	0.000000	0	0.000000
670063	1.0000	10	0.000000	0	0.000000	0	0.000000
670064	1.0000	4	0.000000	0	0.000000	0	0.000000
670066	1.0000	4	0.000000	2	0.000000	0	0.000000
670067	1.0000	0	0.000000	0	0.000000	0	0.000000
670068	0.9966	120	1.043128	65	1.038193	10	0.000000
670069	1.0000	1	0.000000	0	0.000000	0	0.000000
670071	0.9921	1	0.000000	59	0.925959	60	1.065111
670072	1.0000	0	0.000000	0	0.000000	0	0.000000
670073	1.0000	0	0.000000	1	0.000000	0	0.000000
670075	1.0000	47	0.997541	50	0.998228	10	0.000000
670076	1.0000	0	0.000000	0	0.000000	0	0.000000
670077	0.9992	39	1.027562	40	1.007275	32	0.974373
670078	1.0000	2	0.000000	0	0.000000	0	0.000000
670079	1.0000	3	0.000000	3	0.000000	1	0.000000
670080	1.0000	0	0.000000	0	0.000000	0	0.000000
670082	1.0000	0	0.000000	0	0.000000	0	0.000000
670083	1.0000	0	0.000000	0	0.000000	0	0.000000

\* readmission adjustment factor uses excess readmission ratios from July 1, 2009 to June 30, 2012, and claims payment information from July 1, 2009 to June 30, 2012.

Note, cases and excess readmission ratios are based on data from July 1, 2009 to June 30, 2012 with application of planned readmission algorithm, as finalized in the FY 2014 IPPS Final Rule.