

Rövid név	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
Összesítő a KELER Zrt-n keresztül lebonyolított tőzsdén kívüli (OTC) értékpapír forgalomról					
2019.11.11 - 2019.11.15					
Diszkont kincstárjegy	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
D191127	HU0000522727	137230	137227.891	99.99895	99.9983
D191204	HU0000522743	260000	259994.54	99.9979	99.9979
D191211	HU0000522750	8910	8909.929	99.999203	99.999203
D191223	HU0000522776	190000	189991.26	99.9954	99.9954
D191231	HU0000522420	71060500	71061478.825	99.998706	99.9809
D200226	HU0000522495	17101500	17105092.486	100.015933	99.9882
D200429	HU0000522578	1368070	1367991.449	99.997024	99.990667
D200624	HU0000522644	51000	50999.944	99.998152	99.993333
D200826	HU0000522735	2164010	2164340.091	99.98588	99.973
D201021	HU0000522818	3930630	3930348.353	100.00392	99.971299
D191120	HU0000522347	7814590	7814572.048	99.999123	99.997497
D200212	HU0000522842	25655000	25657680.46	100.011038	100.005
Összesen		129741440	129748627.276		
Jelzáloglevél	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
UCJBV2020A	HU0000652433	200	202.168	101.084	101.084
Összesen		200	202.168		
Kamatozó kincstárjegy	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
K191120	HU0000551684	39790	40769.565	102.462351	102.458902
K191127	HU0000551692	357600	366245.5	102.412682	102.404118
K191204	HU0000551700	209290	214249.225	102.36645	102.363
K191211	HU0000551734	81450	83340.712	102.318497	102.315093
K191218	HU0000551742	196450	200916.853	102.268853	102.260299
K191228	HU0000551759	585760	598666.609	102.183714	102.1537
K200108	HU0000551825	124660	127315.383	102.1301	102.1301
K200115	HU0000551833	8770	8952.609	102.082201	102.082201
K200122	HU0000551841	67850	69229.87	102.005829	101.977458
K200129	HU0000551858	1506640	1536528.205	101.731733	101.2226
K200205	HU0000551866	741580	755954.787	101.9384	101.9384
K200212	HU0000551916	943040	960867.228	101.8904	101.8904
K200219	HU0000551924	150	152.612	101.741333	101.741333
K200326	HU0000552013	670	683.067	101.930594	101.890588
K200514	HU0000552161	1020	1036.388	101.606667	101.606667
K200528	HU0000552187	500	507.431	101.4862	101.4862
K200730	HU0000552278	634400	640035.624	100.906754	100.887684
K200806	HU0000552286	745140	751328.332	100.850986	100.830083
K200813	HU0000552294	804480	810695.413	100.772608	100.772598
K200822	HU0000552302	702810	707719.371	100.692644	100.666714
K200827	HU0000552310	445750	448680.807	100.657503	100.657489
K200903	HU0000552328	761790	766360.74	100.6	100.6
K200910	HU0000552336	912480	917430.205	100.54253	100.542499
K200917	HU0000552344	572210	574977.445	100.479755	100.4489

K200924	HU0000552351	735150	738292.032	100.427418	100.4274
K201001	HU0000552369	755100	757893.115	100.369916	100.369897
K201008	HU0000552377	713630	715858.667	100.312302	100.3123
K201015	HU0000552385	623570	625158.856	100.254801	100.254799
K201022	HU0000552393	926660	928488.3	100.197297	100.197286
K201029	HU0000552401	260540	260903.974	100.139642	100.1395
K201105	HU0000552419	327880	328149.503	100.07804	100.065556
K201112	HU0000552427	35870	35877.354	100.020536	100.020501
F191127	HU0000552153	1000	1011.481	101.1481	101.1282
K191113	HU0000551676	6400	6559.014	102.484594	102.484594
Összesen		14830080	14980836.277		
Kötvény	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
OTPRF2021A	HU0000347935	23000	25104.5	109.15	109.15
OTPX2020E	HU0000354972	26680	29910.948	112.11	112.11
OTPX2020G	HU0000356035	13490	14921.289	110.61	110.61
UNIX 2026	HU0000359286	22400000	22737374.35	98.91699	97.3434
OTPRF2020C	HU0000346663	14000	14749	105.35	105.35
MFB202006	HU0000356514	10000000	10024470	100.2447	100.2447
OTPX2020F	HU0000355672	13540	14910.248	110.12	110.12
Összesen		32490710	32861440.335		
Törzsrészcvény	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
ANY	HU0000093257	39.102	541.515	1357.180451	1353.917647
APPENINN	HU0000102132	5396.9	21591.779	400.077433	395.27
AUTOWALLIS	HU0000164504	12.5	106.29	106.29	106.29
BIF10	HU0000167986	15.9	487.754	306.763522	306.754255
CIG_33	HU0000170162	9967.254	68889.686	228.082844	214.4882
CYBERG	HU0000160122	77.9	1167.331	1498.499358	1498.499358
ELMŰ	HU0000074513	3700	12667.255	34235.824324	34200
EST MEDIA	HU0000151956	1084.39656	200062.216	143.903563	125
FUTURAQUA	HU0000107362	50	1030.232	103.0232	103
GSPARK_T_A	HU0000083696	.10222	23799.071	4656.441205	4617.860656
M.TELEKOM	HU0000073507	710275	3116298.924	438.745405	432.557093
MASTERPLAS	HU0000093943	3000	22044.676	734.822533	732.282133
MOL 125	HU0000153937	917644.25	22279491.027	3034.875856	2897.390029
NUTEX E	HU0000106448	120	151.924	30.3848	30.3848
OPUS	HU0000110226	8676.075	109934.054	316.773581	301
OTP BANK.T	HU0000061726	304677.1	42528186.065	13958.445208	13629.311644
OTT-ONE	HU0000149679	1314	18432.101	252.494534	244.936182
PANNERGY	HU0000089867	5.6	209.484	748.157143	747.4
RICHTER	HU0000123096	478739.4	26816177.692	5601.4144	5428.092116
RÁBA	HU0000073457	39512	43938.37	1112.025967	1091.689836
SET GROUP	HU0000170246	91.1	514.715	113	113
TAKJELZ_A	HU0000078175	12	67.146	559.55	559.55
WABERER'S	HU0000120720	8.40805	30657.327	1276.165633	1244.245763
ÉMÁSZ	HU0000074539	19130	60147.893	31441.658651	31400
4IG	HU0000167788	531.3	23089.26	869.160926	844.388
ALTEO 12,5	HU0000155726	388.3125	25093.069	807.760148	804.510067
Összesen		2504468.60033	95404776.856		
Államkötvény	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
A200122H18	HU0000403472	192219.024	196129.143	102.0342	102.034198

A200422H18	HU0000403563	168673.143	171058.013	101.413919	101.413896
A200424I15	HU0000403043	251574	261155.698	103.808687	103.808612
A200624B14	HU0000402953	54797950	56715672.014	103.498349	103.431955
A200722H18	HU0000403589	95851.241	96610.67	100.792333	100.792299
A200723R14	HU0000402904	520331.772	524005.314	100.706	100.706
A200729K17	HU0000403290	279529	283316.896	101.355099	101.355098
A200731H18	HU0000403597	153379.373	154724.32	100.876499	100.870004
A200826J15	HU0000403076	33137	33599.029	101.394249	101.394048
A200922Q16	HU0000402938	87238.311	87505.261	100.306001	100.306001
A200923C17	HU0000403258	17492280	17666958.224	100.989002	100.9491
A201022H18	HU0000403621	1184403.203	1186730.924	100.191276	100.170004
A201112A04	HU0000402235	77888490	85238810.798	108.418037	107.4
A210122H19	HU0000403654	671682.971	690575.625	102.811525	102.800001
A210421C18	HU0000403464	17954790	18041332.794	101.046066	99.8987
A210422H19	HU0000403712	213456.219	217759.524	102.01215	102
A210526J17	HU0000403381	148445	151281.606	101.90452	101.87
A210623A15	HU0000402995	7101000	7107509.586	100.096064	100.0196
A210826K18	HU0000403480	1750422	1765524.669	100.855411	100.82
A211020I16	HU0000403217	93025	93424.823	100.429806	100.4298
A211027B16	HU0000403100	55888940	58758505.607	105.256155	105
A220330K19	HU0000403670	996550	1029718.967	103.322377	103.279998
A220624A11	HU0000402524	111453900	133576181.798	120.593319	119.3711
A220729I17	HU0000403308	101987	103520.884	101.503014	101.5
A220824C19	HU0000403704	271431040	279860745.754	103.207989	100
A220921L19	HU0000403738	597100	600865.584	100.626503	100.610002
A221026B17	HU0000403266	115363040	119138318.415	103.935382	102.5876
A221122J17	HU0000403357	82300	85851.739	104.311702	104.3
A230215K19	HU0000403993	3154037	3156942.771	100.089653	100.069996
A230322I17	HU0000403399	72743	74774.632	102.786959	102.75
A230726B18	HU0000403456	59844580	59243542.506	99.133129	98.9064
A230928J18	HU0000403498	1005136	1010670.77	100.544564	100.520035
A231124A07	HU0000402383	226900540	286627015.15	127.353797	125.2119
A240221I18	HU0000403647	734797	758960.769	103.282162	103.24
A240626B15	HU0000403068	8053200	8923686.121	110.834949	110.407399
A240925J19	HU0000403746	2370057	2384905.558	100.617187	100.58
A241024C18	HU0000403571	895459130	955259368.735	107.321474	99.145252
A250220I19	HU0000404009	1904885	1906773.631	100.097352	100.069997
A250624B14	HU0000402748	80585220	100330205.552	125.456317	100
A251126C19	HU0000404058	69768930	69115249.738	99.042621	98.62
A261222D17	HU0000403340	319252650	354484408.412	111.14192	100
A271027A16	HU0000403118	93693100	103152467.331	110.208762	109.262793
A281022A11	HU0000402532	92093530	129816124.11	140.820862	100
A300821A19	HU0000403696	188742590	206932249.471	109.529439	90.437906
A311022A15	HU0000403001	12120560	13540589.764	110.824947	109.6799
A381027A18	HU0000403555	21544850	22411263.469	104.708571	100
N240611	HU0000403753	668587.343	676952.321	101.247491	101.22
N240617	HU0000403779	322397.608	326245.691	101.189744	101.16001
N240624	HU0000403787	344187.165	348066.069	101.124868	101.10994
N240701	HU0000403795	338495.775	342059.746	101.051557	101.04
N240708	HU0000403803	305435.481	308447.363	100.980312	100.958

N240715	HU0000403811	300370.059	303132.863	100.9198	100.919796
N240722	HU0000403829	191655.988	193290.719	100.849686	100.830014
N240729	HU0000403837	322085.699	324619.545	100.783053	100.753895
N240805	HU0000403845	309376.486	311603.905	100.717587	100.7
N240812	HU0000403852	382868.449	385370.495	100.653513	100.65349
N240821	HU0000403860	199358.146	200490.3	100.567899	100.567897
N240826	HU0000403878	89047.494	89510.898	100.520401	100.5204
N240902	HU0000403886	128831.108	129424.775	100.460065	100.450006
N240909	HU0000403894	304321.844	305521.481	100.3942	100.394195
N240916	HU0000403902	378994.843	380233.779	100.326902	100.326896
N240923	HU0000403910	115026.401	115325.01	100.2596	100.259595
N240930	HU0000403928	138458.43	138724.685	100.192256	100.192
N241007	HU0000403936	97971.999	98092.504	100.122998	100.122987
N241014	HU0000403951	46086.997	46111.518	100.052713	100.03
N241021	HU0000403969	31281.067	31277.371	99.985911	99.969933
N241028	HU0000403977	20758.127	20741.957	99.922105	99.9221
N241104	HU0000403985	4459.9	4453.468	99.855746	99.855667
N241111	HU0000404017	53514074.713	53514074.713	100.000035	99.99963
Összesen		2872847400.379	3161560363.345		
	ISIN azonosító	Névérték	Vételár	Átlagárfolyam	Minimális
HMVA	HU0000703749	12932.038	27703.857	2.142265	2.140405
HNEMRV	HU0000702295	14649.067	47674.512	3.25444	3.23003
HPB1	HU0000704697	168419.318	339689.959	2.01693	2.016053
HPB2	HU0000704705	23659.673	42740.258	1.80646	1.806396
HPB3	HU0000704713	80852.781	166088.739	2.054212	2.048289
HRESZVENY	HU0000702022	13182.227	123610.667	9.37707	9.34064
HROVKV	HU0000701685	36735.691	161308.781	4.391064	4.38693
HRUBICON	HU0000707252	5560.74	23214.997	4.174804	4.174709
HSZEF	HU0000701487	16659.562	40174.788	2.411515	2.411347
HTM	HU0000720347	37317.722	31863.997	0.853857	0.850315
HVMB	HU0000717111	53097.479	51448.999	0.968954	0.96869
K&H ARANYK	HU0000702337	2118.007	11220.806	5.297813	5.295448
K&H FELTÖR	HU0000707328	275.02	543.646	1.976751	1.97541
K&H INGATP	HU0000702287	1245.196	3951.383	3.173302	3.133421
K&H KÖTV.	HU0000702345	26.586	213.431	8.027947	8.027616
K&H UNIÓ	HU0000702360	69.395	99.999	1.441012	1.441012
K&H VÁL.3.	HU0000703426	1044.483	2694.761	2.579995	2.579678
K&H VÁL.4.	HU0000703434	87.263	249.997	2.864868	2.864868
K&H ÁZSIA	HU0000704432	2476.474	5310.868	2.144528	2.144528
K&H ÖKO	HU0000705645	34.917	40	1.145574	1.145574
KHAMHUF	HU0000701982	2480.944	2812.853	1.133783	1.129223
KHNAVIIND	HU0000702352	656.556	3478.778	5.298524	5.268073
KHNYERSHUF	HU0000708078	220.281	175.894	0.798498	0.798498
MARKEBONDC	HU0000719356	36333.314	40000	1.100918	1.100918
MARKETPBON	HU0000714555	7595.907	10146.074	1.335729	1.334887
METLIFERV	HU0000707690	12311.366	42672.044	3.466069	3.466069
MKB FORINT	HU0000705280	467400	700007.219	1.497662	1.497662
MPTI_A	HU0000713482	89167.278	104999.998	1.177562	1.177562
OMEGA	HU0000717616	2684.651	2722.772	1.0142	1.013804
ORION	HU0000720339	30893.904	30194.999	0.977377	0.969943

PLATINAPÍA	HU0000704689	37509.004	139628.157	3.722524	3.721648
PLATINAPÍB	HU0000709969	37104.993	142427.894	3.83851	3.836756
PRIZMA	HU0000716410	28494.905	30999.371	1.087892	1.087286
PRÉMIUM A	HU0000716147	22239.562	23151.651	1.041012	1.037436
ROMAN A	HU0000718606	13567.832	18291.04	1.348118	1.338394
SELECTION	HU0000716436	6564.209	7483.995	1.140121	1.13988
SFSD ALAP	HU0000710876	478790.49	668900	1.397062	1.397062
SPARTAN A	HU0000722582	41137.55	42880.524	1.042369	1.026613
SUPERPOSIB	HU0000718986	46798.611	46535.998	0.994388	0.993667
SUPERPOSIT	HU0000713243	4161.657	5020.694	1.206417	1.206417
TORONY B	HU0000722764	37257.455	38445.839	1.031897	1.031528
ABACUS	HU0000716402	6095.121	5488.138	0.900415	0.899635
ACC AHK A	HU0000719232	62259.086	64876.156	1.042035	1.04
ACC CVK2 A	HU0000716519	13180.146	13665.334	1.036812	1.036812
ACC CVK3 A	HU0000716527	6516.695	6962.3	1.068379	1.068379
ACC KER A	HU0000720958	4791.176	5203.728	1.086107	1.08383
ACC.SHARP	HU0000717590	106960.5	107568.621	1.005685	1.004218
AE.ALLEG 8	HU0000714134	4854.955	5969.768	1.229624	1.225359
AE.ALLEG 9	HU0000714142	3976.813	4866.224	1.223649	1.217748
AE.ALLEG10	HU0000714159	10809.164	13447.419	1.244076	1.236877
AE.ANDAN 1	HU0000714068	8992.391	10063.163	1.119075	1.117667
AE.ANDAN2	HU0000714076	1478.072	1679.819	1.136493	1.134599
AE.ANDAN3	HU0000714084	2326.058	2664.514	1.145506	1.144059
AE.MARAT A	HU0000714886	102268.263	113489.618	1.109725	1.108402
AE.MODER 5	HU0000714100	3053.485	3640.684	1.192305	1.19139
AE.MODER 6	HU0000714118	23358.072	28336.762	1.213146	1.20983
AE.MODER 7	HU0000714126	4885.369	5958.321	1.219626	1.216994
AE.MODER4	HU0000714092	4998.762	5896.449	1.179582	1.177444
AE.ROSZ	HU0000707401	47636.251	154070.816	3.234319	3.197655
AE.PANOR A	HU0000714266	12632.983	10114.563	0.800647	0.797591
AE.PREM DY	HU0000716105	32985.545	35952.897	1.089959	1.086765
AE.PREM EV	HU0000716113	46067.587	56416.533	1.224647	1.216758
AE.PREM EX	HU0000716097	10000	9923.48	0.992348	0.992348
AE.TÖRÖK	HU0000707419	17471.15	28963.462	1.657788	1.58866
AEGCREDITA	HU0000709597	17557.856	27372.561	1.558992	1.558005
AEGLENGYB	HU0000710843	13841.127	19468.87	1.406596	1.396843
AEGON BEK	HU0000702493	3457.786	19598.082	5.667812	5.643556
AEGON EMMA	HU0000705256	8541.039	15101.92	1.76816	1.761734
AEGON NKK	HU0000702477	40068.873	83919.991	2.094394	2.087274
AEGON NKR V	HU0000702485	25534.345	43443.268	1.701366	1.682187
AEGON PÉNZ	HU0000702303	14126.95	32183.59	2.27817	2.278071
AEGONALFAA	HU0000703970	86501.388	237422.623	2.744726	2.738149
AEGONALFAR	HU0000712286	1930.143	2632.429	1.363852	1.363852
AEGONCLIMB	HU0000707195	42549.805	56499.593	1.327846	1.309509
AEGONKERV B	HU0000709530	1974.207	12770.873	6.468862	6.453873
AEGONKEURV	HU0000702501	5862.295	35258.627	6.014475	5.977161
AEGONMMEXA	HU0000703145	30484.858	81681.989	2.679428	2.676421
AEGONMMEXR	HU0000712278	6351.68	7729.62	1.216941	1.216941
AEGONNRVI	HU0000712393	16981.615	31803.859	1.872841	1.862118
AEGONSMART	HU0000708169	13977.017	20927.439	1.497275	1.496072

AEGONÁZSIA	HU0000705272	13162.364	23986.514	1.822356	1.805576
AEGONÓZONA	HU0000705157	2059.92	3399.088	1.650107	1.650048
AFORIZMA	HU0000720420	4519.839	5531.817	1.223897	1.223897
ALLIANZIND	HU0000708375	96990.256	161256	1.6626	1.6626
BFMFEJRV	HU0000701552	6776.943	11102.029	1.638206	1.638206
BG10 A	HU0000719034	29285.2	36133.28	123.384098	123.384098
BG7 A	HU0000718853	35000	45049.27	128.7122	128.7122
BP.ARANY	HU0000709290	12709.101	10639.913	0.837188	0.8351
BP.BONITAS	HU0000702725	164.261	398.678	2.427101	2.427101
BP.EURRK	HU0000701560	774.65	1608.559	2.076498	2.076498
BP.KÖTVÉNY	HU0000702709	18.645	162.188	8.69874	8.69874
BP.ÁLLAMP	HU0000702691	840.959	7099.978	8.442716	8.442576
CITADELLA	HU0000707948	81534.3	179619.04	2.202987	2.197547
CONC.SFSDH	HU0000712799	44362.812	60769.999	1.369841	1.369841
CONCITB	HU0000717137	52286.395	55627.997	1.06391	1.063003
EXPEDÍCIÓ	HU0000720503	16066.842	13952.998	0.868434	0.856945
GLOBAL	HU0000716428	3112.908	3311.471	1.063787	1.063787
H2000	HU0000701693	4751.206	40640.1	8.553639	8.539294
H3000	HU0000715180	11748.524	14898.892	1.26815	1.267081
HCOLUMBUS	HU0000705702	106248.094	206944.938	1.947752	1.94178
HHOLD	HU0000710116	27131.55	40811.144	1.504195	1.500581
HIMALÁJA A	HU0000722277	7014.548	7000	0.997926	0.997926
HKEURV	HU0000706163	51148.972	78718.817	1.539011	1.536649
HKOTVENY	HU0000702030	1213.592	4633.811	3.818261	3.808039
HMOLTOFHUF	HU0000716584	27532.418	28815.302	1.046595	1.045402
Összesen		3055791906.01433	3440202212.422		
Összesen		3377607.035	5645966.165		

Maximális	Tételszám
Maximális	Tételszám
99.9996	2
99.9979	1
99.999203	1
99.9954	2
100.004	17
100.0515	39
100.005	22
100.005	9
100.0158	10
100.05	22
100.001	35
100.0128	13
	173
Maximális	Tételszám
101.084	2
	2
Maximális	Tételszám
102.4658	2
102.417802	4
102.3699	2
102.3219	2
102.274	4
102.2055	5
102.1301	1
102.082201	1
102.0342	2
101.9863	3
101.9384	2
101.8904	2
101.741333	1
101.9706	2
101.606667	1
101.4862	1
101.021086	7
100.9763	7
100.772647	6
100.6986	8
100.657526	5
100.6	6
100.542667	7
100.4849	7

100.427467	5
100.37	6
100.312302	4
100.254808	5
100.1973	5
100.139701	4
100.082207	4
100.020571	2
101.168	2
102.484594	1
	126
Maximális	Tételszám
109.15	1
112.11	1
110.61	1
107.9277	31
105.35	1
100.2447	1
110.12	1
	37
Maximális	Tételszám
1361.666667	3
402.683	11
106.29	2
308.2	3
239.952262	16
1498.499358	1
34241.038462	4
156.1145	26
103.0464	2
4660	8
443.140625	154
737.7564	5
3080.461967	363
30.3848	1
322.989071	37
14328.881241	442
254.842667	5
754.689655	3
5921.958414	480
1120.1	7
113	1
559.55	2
1308.153333	17
31494.2	8
890.4	16
820.738636	7
	1624
Maximális	Tételszám
102.034203	7

101.414	6
103.808706	7
103.572299	24
100.7925	6
100.706	3
101.3551	6
100.879995	8
101.394303	5
100.306001	2
101.0087	13
100.196707	8
114.9869	24
102.813716	8
102.0707	14
102.0162	4
101.9143	6
100.1209	11
100.8631	12
100.429816	4
106.1436	20
103.330137	12
121.6735	68
101.504058	4
104.6078	103
100.6311	7
104.2106	39
104.315605	4
100.11	32
102.796205	5
99.3617	17
100.550804	10
129.1955	67
103.293333	12
112.7112	36
100.63005	11
110.819082	109
100.120003	34
128.0351	77
100.9264	82
113.9909	148
113.5173	53
145.5398	81
113.3727	211
115.305	47
110.79135	55
101.251531	8
101.194007	8
101.127001	8
101.053012	9
100.986408	9

100.919803	7
100.853333	9
100.78675	9
100.720107	8
100.6536	7
100.567902	7
100.520403	6
100.461507	8
100.394203	7
100.326914	8
100.259601	8
100.192302	7
100.123007	7
100.056004	8
99.98912	6
99.92212	4
99.855795	3
100.000742	20
	1703
Maximális	Tételszám
2.147319	9
3.263471	17
2.021943	16
1.813175	3
2.054696	13
9.40297	19
4.392463	7
4.175913	2
2.411797	4
0.860202	4
0.972324	5
5.301127	2
1.981953	2
3.188807	4
8.028788	2
1.441012	1
2.584924	3
2.864868	1
2.144528	1
1.145574	1
1.133929	3
5.315286	3
0.798498	1
1.100918	2
1.336258	3
3.466069	2
1.497662	1
1.177562	3
1.014348	2
0.979463	6

3.726469	4
3.842136	22
1.08832	4
1.042888	5
1.353091	7
1.143976	4
1.397062	1
1.051525	5
0.994865	5
1.206417	1
1.03342	3
0.900589	2
1.042102	5
1.036812	1
1.068379	1
1.08703	4
1.006196	5
1.231728	7
1.224953	7
1.245091	11
1.120446	8
1.13757	6
1.147619	6
1.111945	19
1.19393	7
1.214612	9
1.222005	8
1.181507	10
3.269635	25
0.801463	7
1.091171	9
1.227293	10
0.992348	1
1.69348	19
1.559204	12
1.413262	8
5.691999	9
1.769116	6
2.106572	18
1.716426	14
2.278311	16
2.747285	42
1.363852	1
1.335534	15
6.479235	2
6.043662	17
2.680267	23
1.216941	1
1.882665	2
1.498868	15

1.840059	18
1.650224	7
1.223897	1
1.6626	3
1.638206	1
123.384098	1
128.7122	1
0.8406	4
2.427101	1
2.076498	1
8.69874	1
8.452532	2
2.210996	20
1.369841	1
1.066586	6
0.874083	5
1.063787	1
8.564286	8
1.274725	13
1.949921	23
1.504857	9
0.997926	1
1.53997	11
3.831418	9
1.046946	5
	4409
	744