

System 1

Query ID	Doc ID	Ranking	Precision	Recall
1	CACM-1605	1	1	0.2
1	CACM-1410	2	1	0.4
1	CACM-1523	3	0.667	0.4
1	CACM-2379	4	0.5	0.4
1	CACM-2380	5	0.4	0.4
1	CACM-1519	6	0.333	0.4
1	CACM-2319	7	0.286	0.4
1	CACM-1506	8	0.25	0.4
1	CACM-1033	9	0.222	0.4
1	CACM-1544	10	0.2	0.4
1	CACM-1938	11	0.182	0.4
1	CACM-2632	12	0.167	0.4
1	CACM-2371	13	0.154	0.4
1	CACM-1161	14	0.143	0.4
1	CACM-1591	15	0.133	0.4
1	CACM-1393	16	0.125	0.4
1	CACM-1464	17	0.118	0.4
1	CACM-0585	18	0.111	0.4
1	CACM-1749	19	0.105	0.4
1	CACM-2947	20	0.1	0.4
1	CACM-1264	21	0.095	0.4
1	CACM-1226	22	0.091	0.4
1	CACM-2054	23	0.087	0.4
1	CACM-1225	24	0.083	0.4
1	CACM-1827	25	0.08	0.4
1	CACM-2358	26	0.115	0.6
1	CACM-3127	27	0.111	0.6
1	CACM-0637	28	0.107	0.6
1	CACM-1173	29	0.103	0.6
1	CACM-2946	30	0.1	0.6
1	CACM-1542	31	0.097	0.6
1	CACM-1647	32	0.094	0.6
1	CACM-2357	33	0.091	0.6
1	CACM-1657	34	0.088	0.6
1	CACM-3025	35	0.086	0.6
1	CACM-2188	36	0.083	0.6
1	CACM-1680	37	0.081	0.6
1	CACM-0971	38	0.079	0.6
1	CACM-2535	39	0.077	0.6
1	CACM-2560	40	0.075	0.6
1	CACM-1885	41	0.073	0.6
1	CACM-1304	42	0.071	0.6
1	CACM-1753	43	0.07	0.6
1	CACM-1440	44	0.068	0.6
1	CACM-1626	45	0.067	0.6
1	CACM-3023	46	0.065	0.6
1	CACM-2288	47	0.064	0.6
1	CACM-1179	48	0.062	0.6

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1 CACM-2950	49	0.061	0.6
1 CACM-1805	50	0.06	0.6
1 CACM-2541	51	0.059	0.6
1 CACM-2740	52	0.058	0.6
1 CACM-0414	53	0.057	0.6
1 CACM-2003	54	0.056	0.6
1 CACM-2378	55	0.055	0.6
1 CACM-2764	56	0.054	0.6
1 CACM-2424	57	0.053	0.6
1 CACM-1750	58	0.052	0.6
1 CACM-2126	59	0.051	0.6
1 CACM-1163	60	0.05	0.6
1 CACM-2153	61	0.049	0.6
1 CACM-0202	62	0.048	0.6
1 CACM-1518	63	0.048	0.6
1 CACM-1341	64	0.047	0.6
1 CACM-2080	65	0.046	0.6
1 CACM-1571	66	0.045	0.6
1 CACM-0972	67	0.045	0.6
1 CACM-2621	68	0.044	0.6
1 CACM-2767	69	0.043	0.6
1 CACM-1195	70	0.043	0.6
1 CACM-1698	71	0.042	0.6
1 CACM-2398	72	0.042	0.6
1 CACM-1960	73	0.041	0.6
1 CACM-2951	74	0.041	0.6
1 CACM-2201	75	0.04	0.6
1 CACM-1526	76	0.039	0.6
1 CACM-0698	77	0.039	0.6
1 CACM-2542	78	0.038	0.6
1 CACM-1844	79	0.038	0.6
1 CACM-1315	80	0.037	0.6
1 CACM-0699	81	0.037	0.6
1 CACM-3069	82	0.037	0.6
1 CACM-2681	83	0.036	0.6
1 CACM-1589	84	0.036	0.6
1 CACM-3087	85	0.035	0.6
1 CACM-2597	86	0.035	0.6
1 CACM-2841	87	0.034	0.6
1 CACM-1685	88	0.034	0.6
1 CACM-3068	89	0.034	0.6
1 CACM-2365	90	0.033	0.6
1 CACM-1236	91	0.033	0.6
1 CACM-0284	92	0.033	0.6
1 CACM-3153	93	0.032	0.6
1 CACM-1642	94	0.032	0.6
1 CACM-2624	95	0.032	0.6
1 CACM-1744	96	0.031	0.6
1 CACM-2629	97	0.031	0.6

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1 CACM-1682	98	0.031	0.6
1 CACM-2796	99	0.03	0.6
1 CACM-3048	100	0.03	0.6
2 CACM-2434	1	1	0.333
2 CACM-2863	2	1	0.667
2 CACM-3078	3	1	1
2 CACM-0727	4	0.75	1
2 CACM-0497	5	0.6	1
2 CACM-1364	6	0.5	1
2 CACM-0335	7	0.429	1
2 CACM-3129	8	0.375	1
2 CACM-1012	9	0.333	1
2 CACM-2250	10	0.3	1
2 CACM-0047	11	0.273	1
2 CACM-0616	12	0.25	1
2 CACM-1977	13	0.231	1
2 CACM-2714	14	0.214	1
2 CACM-3136	15	0.2	1
2 CACM-3202	16	0.188	1
2 CACM-1046	17	0.176	1
2 CACM-1861	18	0.167	1
2 CACM-1010	19	0.158	1
2 CACM-3086	20	0.15	1
2 CACM-2304	21	0.143	1
2 CACM-1931	22	0.136	1
2 CACM-2554	23	0.13	1
2 CACM-0276	24	0.125	1
2 CACM-1867	25	0.12	1
2 CACM-1182	26	0.115	1
2 CACM-2650	27	0.111	1
2 CACM-1619	28	0.107	1
2 CACM-1264	29	0.103	1
2 CACM-0408	30	0.1	1
2 CACM-2352	31	0.097	1
2 CACM-3180	32	0.094	1
2 CACM-2939	33	0.091	1
2 CACM-0108	34	0.088	1
2 CACM-2735	35	0.086	1
2 CACM-2664	36	0.083	1
2 CACM-1652	37	0.081	1
2 CACM-2786	38	0.079	1
2 CACM-2976	39	0.077	1
2 CACM-2144	40	0.075	1
2 CACM-0246	41	0.073	1
2 CACM-2039	42	0.071	1
2 CACM-0626	43	0.07	1
2 CACM-1272	44	0.068	1
2 CACM-0857	45	0.067	1
2 CACM-1397	46	0.065	1

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2 CACM-1062	47	0.064	1
2 CACM-2577	48	0.062	1
2 CACM-2663	49	0.061	1
2 CACM-2143	50	0.06	1
2 CACM-3117	51	0.059	1
2 CACM-2328	52	0.058	1
2 CACM-3194	53	0.057	1
2 CACM-2125	54	0.056	1
2 CACM-1014	55	0.055	1
2 CACM-1821	56	0.054	1
2 CACM-0853	57	0.053	1
2 CACM-0394	58	0.052	1
2 CACM-0372	59	0.051	1
2 CACM-1105	60	0.05	1
2 CACM-2926	61	0.049	1
2 CACM-3003	62	0.048	1
2 CACM-1843	63	0.048	1
2 CACM-2021	64	0.047	1
2 CACM-0798	65	0.046	1
2 CACM-0890	66	0.045	1
2 CACM-0397	67	0.045	1
2 CACM-1671	68	0.044	1
2 CACM-1702	69	0.043	1
2 CACM-0391	70	0.043	1
2 CACM-1139	71	0.042	1
2 CACM-0058	72	0.042	1
2 CACM-1753	73	0.041	1
2 CACM-3144	74	0.041	1
2 CACM-1990	75	0.04	1
2 CACM-1136	76	0.039	1
2 CACM-2493	77	0.039	1
2 CACM-2422	78	0.038	1
2 CACM-1623	79	0.038	1
2 CACM-0407	80	0.037	1
2 CACM-0854	81	0.037	1
2 CACM-1258	82	0.037	1
2 CACM-1910	83	0.036	1
2 CACM-1072	84	0.036	1
2 CACM-0942	85	0.035	1
2 CACM-2621	86	0.035	1
2 CACM-1994	87	0.034	1
2 CACM-1941	88	0.034	1
2 CACM-1634	89	0.034	1
2 CACM-2704	90	0.033	1
2 CACM-1981	91	0.033	1
2 CACM-1096	92	0.033	1
2 CACM-2440	93	0.032	1
2 CACM-2472	94	0.032	1
2 CACM-2812	95	0.032	1

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2 CACM-2917	96	0.031	1
2 CACM-1369	97	0.031	1
2 CACM-0123	98	0.031	1
2 CACM-0563	99	0.03	1
2 CACM-0569	100	0.03	1
3 CACM-0637	1	0	0
3 CACM-1387	2	0	0
3 CACM-1787	3	0	0
3 CACM-0252	4	0	0
3 CACM-1533	5	0	0
3 CACM-3115	6	0	0
3 CACM-1134	7	0.143	0.167
3 CACM-1807	8	0.25	0.333
3 CACM-1572	9	0.222	0.333
3 CACM-2061	10	0.2	0.333
3 CACM-2411	11	0.182	0.333
3 CACM-2111	12	0.167	0.333
3 CACM-3130	13	0.154	0.333
3 CACM-1402	14	0.143	0.333
3 CACM-1007	15	0.133	0.333
3 CACM-1783	16	0.125	0.333
3 CACM-0205	17	0.118	0.333
3 CACM-2886	18	0.111	0.333
3 CACM-1392	19	0.105	0.333
3 CACM-1947	20	0.15	0.5
3 CACM-1062	21	0.143	0.5
3 CACM-1565	22	0.136	0.5
3 CACM-2551	23	0.13	0.5
3 CACM-1029	24	0.125	0.5
3 CACM-2658	25	0.12	0.5
3 CACM-2423	26	0.115	0.5
3 CACM-1223	27	0.111	0.5
3 CACM-2867	28	0.107	0.5
3 CACM-2449	29	0.103	0.5
3 CACM-1682	30	0.1	0.5
3 CACM-1194	31	0.097	0.5
3 CACM-1723	32	0.094	0.5
3 CACM-2053	33	0.091	0.5
3 CACM-1154	34	0.088	0.5
3 CACM-0799	35	0.086	0.5
3 CACM-3080	36	0.083	0.5
3 CACM-2064	37	0.081	0.5
3 CACM-3093	38	0.079	0.5
3 CACM-3103	39	0.077	0.5
3 CACM-2439	40	0.075	0.5
3 CACM-3028	41	0.073	0.5
3 CACM-2904	42	0.071	0.5
3 CACM-2175	43	0.07	0.5
3 CACM-1159	44	0.068	0.5

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3 CACM-2871	45	0.067	0.5
3 CACM-2877	46	0.065	0.5
3 CACM-3124	47	0.064	0.5
3 CACM-2684	48	0.062	0.5
3 CACM-2929	49	0.061	0.5
3 CACM-2897	50	0.06	0.5
3 CACM-2534	51	0.059	0.5
3 CACM-2542	52	0.058	0.5
3 CACM-1916	53	0.057	0.5
3 CACM-1365	54	0.056	0.5
3 CACM-2112	55	0.055	0.5
3 CACM-1003	56	0.054	0.5
3 CACM-0254	57	0.053	0.5
3 CACM-2138	58	0.052	0.5
3 CACM-2887	59	0.051	0.5
3 CACM-3056	60	0.05	0.5
3 CACM-2990	61	0.049	0.5
3 CACM-1315	62	0.048	0.5
3 CACM-2110	63	0.048	0.5
3 CACM-2921	64	0.047	0.5
3 CACM-0464	65	0.046	0.5
3 CACM-1386	66	0.045	0.5
3 CACM-3099	67	0.045	0.5
3 CACM-1671	68	0.044	0.5
3 CACM-2659	69	0.043	0.5
3 CACM-2939	70	0.043	0.5
3 CACM-0596	71	0.042	0.5
3 CACM-2843	72	0.042	0.5
3 CACM-2130	73	0.041	0.5
3 CACM-2918	74	0.041	0.5
3 CACM-0303	75	0.04	0.5
3 CACM-1206	76	0.039	0.5
3 CACM-1185	77	0.039	0.5
3 CACM-2746	78	0.038	0.5
3 CACM-0605	79	0.038	0.5
3 CACM-2247	80	0.037	0.5
3 CACM-2598	81	0.037	0.5
3 CACM-3045	82	0.037	0.5
3 CACM-1728	83	0.036	0.5
3 CACM-2579	84	0.036	0.5
3 CACM-2864	85	0.035	0.5
3 CACM-1457	86	0.035	0.5
3 CACM-2808	87	0.034	0.5
3 CACM-2945	88	0.034	0.5
3 CACM-1012	89	0.034	0.5
3 CACM-3110	90	0.033	0.5
3 CACM-1496	91	0.033	0.5
3 CACM-2572	92	0.033	0.5
3 CACM-2217	93	0.032	0.5

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3 CACM-2341	94	0.032	0.5
3 CACM-1109	95	0.032	0.5
3 CACM-2794	96	0.031	0.5
3 CACM-1236	97	0.031	0.5
3 CACM-1684	98	0.031	0.5
3 CACM-1620	99	0.03	0.5
3 CACM-1612	100	0.03	0.5
4 CACM-3128	1	1	0.083
4 CACM-3043	2	1	0.167
4 CACM-2342	3	0.667	0.167
4 CACM-2377	4	0.5	0.167
4 CACM-2519	5	0.4	0.167
4 CACM-2371	6	0.5	0.25
4 CACM-3141	7	0.429	0.25
4 CACM-1135	8	0.375	0.25
4 CACM-2895	9	0.333	0.25
4 CACM-2931	10	0.3	0.25
4 CACM-2939	11	0.273	0.25
4 CACM-2376	12	0.25	0.25
4 CACM-2920	13	0.231	0.25
4 CACM-2969	14	0.214	0.25
4 CACM-3148	15	0.2	0.25
4 CACM-3082	16	0.25	0.333
4 CACM-2940	17	0.235	0.333
4 CACM-1846	18	0.222	0.333
4 CACM-2816	19	0.211	0.333
4 CACM-3103	20	0.2	0.333
4 CACM-2870	21	0.19	0.333
4 CACM-2958	22	0.182	0.333
4 CACM-1748	23	0.174	0.333
4 CACM-1199	24	0.167	0.333
4 CACM-3105	25	0.16	0.333
4 CACM-3073	26	0.192	0.417
4 CACM-2721	27	0.185	0.417
4 CACM-1145	28	0.179	0.417
4 CACM-2912	29	0.207	0.5
4 CACM-2848	30	0.2	0.5
4 CACM-2632	31	0.194	0.5
4 CACM-2949	32	0.188	0.5
4 CACM-1272	33	0.182	0.5
4 CACM-2767	34	0.176	0.5
4 CACM-1198	35	0.171	0.5
4 CACM-2080	36	0.167	0.5
4 CACM-3039	37	0.162	0.5
4 CACM-2276	38	0.158	0.5
4 CACM-2619	39	0.154	0.5
4 CACM-2742	40	0.15	0.5
4 CACM-1485	41	0.146	0.5
4 CACM-1550	42	0.143	0.5

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4 CACM-1829	43	0.14	0.5
4 CACM-3013	44	0.136	0.5
4 CACM-2320	45	0.133	0.5
4 CACM-2546	46	0.13	0.5
4 CACM-1854	47	0.128	0.5
4 CACM-3049	48	0.125	0.5
4 CACM-2378	49	0.122	0.5
4 CACM-2851	50	0.12	0.5
4 CACM-0435	51	0.118	0.5
4 CACM-2314	52	0.115	0.5
4 CACM-2929	53	0.113	0.5
4 CACM-2865	54	0.111	0.5
4 CACM-1253	55	0.109	0.5
4 CACM-1928	56	0.107	0.5
4 CACM-2946	57	0.105	0.5
4 CACM-3018	58	0.103	0.5
4 CACM-2060	59	0.102	0.5
4 CACM-2900	60	0.1	0.5
4 CACM-2684	61	0.098	0.5
4 CACM-0724	62	0.097	0.5
4 CACM-2626	63	0.095	0.5
4 CACM-3127	64	0.109	0.583
4 CACM-2196	65	0.108	0.583
4 CACM-1385	66	0.106	0.583
4 CACM-1710	67	0.104	0.583
4 CACM-1677	68	0.103	0.583
4 CACM-0278	69	0.101	0.583
4 CACM-2020	70	0.1	0.583
4 CACM-1484	71	0.099	0.583
4 CACM-2840	72	0.097	0.583
4 CACM-1536	73	0.096	0.583
4 CACM-3120	74	0.095	0.583
4 CACM-0409	75	0.093	0.583
4 CACM-1698	76	0.092	0.583
4 CACM-0527	77	0.091	0.583
4 CACM-3081	78	0.09	0.583
4 CACM-1678	79	0.089	0.583
4 CACM-0040	80	0.087	0.583
4 CACM-3080	81	0.086	0.583
4 CACM-1626	82	0.085	0.583
4 CACM-1665	83	0.084	0.583
4 CACM-2849	84	0.083	0.583
4 CACM-2150	85	0.082	0.583
4 CACM-2554	86	0.081	0.583
4 CACM-1098	87	0.08	0.583
4 CACM-0243	88	0.08	0.583
4 CACM-1623	89	0.079	0.583
4 CACM-3137	90	0.078	0.583
4 CACM-1527	91	0.077	0.583

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4 CACM-1529	92	0.076	0.583
4 CACM-2438	93	0.075	0.583
4 CACM-1978	94	0.074	0.583
4 CACM-0321	95	0.074	0.583
4 CACM-2883	96	0.073	0.583
4 CACM-1681	97	0.072	0.583
4 CACM-1206	98	0.071	0.583
4 CACM-1614	99	0.071	0.583
4 CACM-2522	100	0.07	0.583
5 CACM-2035	1	1	0.125
5 CACM-2299	2	1	0.25
5 CACM-1829	3	0.667	0.25
5 CACM-2003	4	0.5	0.25
5 CACM-1502	5	0.6	0.375
5 CACM-1699	6	0.5	0.375
5 CACM-0892	7	0.429	0.375
5 CACM-1392	8	0.375	0.375
5 CACM-2947	9	0.333	0.375
5 CACM-1960	10	0.3	0.375
5 CACM-2786	11	0.273	0.375
5 CACM-1671	12	0.25	0.375
5 CACM-2252	13	0.231	0.375
5 CACM-2399	14	0.286	0.5
5 CACM-2629	15	0.267	0.5
5 CACM-2820	16	0.312	0.625
5 CACM-1698	17	0.294	0.625
5 CACM-1937	18	0.278	0.625
5 CACM-2873	19	0.263	0.625
5 CACM-2321	20	0.25	0.625
5 CACM-2169	21	0.238	0.625
5 CACM-1188	22	0.227	0.625
5 CACM-2357	23	0.217	0.625
5 CACM-1281	24	0.208	0.625
5 CACM-2812	25	0.2	0.625
5 CACM-1978	26	0.192	0.625
5 CACM-2145	27	0.185	0.625
5 CACM-2841	28	0.179	0.625
5 CACM-1750	29	0.172	0.625
5 CACM-3147	30	0.167	0.625
5 CACM-1605	31	0.161	0.625
5 CACM-2542	32	0.156	0.625
5 CACM-1159	33	0.152	0.625
5 CACM-1646	34	0.147	0.625
5 CACM-1396	35	0.143	0.625
5 CACM-2358	36	0.139	0.625
5 CACM-2188	37	0.135	0.625
5 CACM-1409	38	0.132	0.625
5 CACM-2522	39	0.128	0.625
5 CACM-1534	40	0.125	0.625

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5 CACM-1742	41	0.122	0.625
5 CACM-1764	42	0.119	0.625
5 CACM-1487	43	0.116	0.625
5 CACM-2314	44	0.114	0.625
5 CACM-1435	45	0.111	0.625
5 CACM-1395	46	0.109	0.625
5 CACM-1853	47	0.106	0.625
5 CACM-3012	48	0.104	0.625
5 CACM-2247	49	0.102	0.625
5 CACM-1571	50	0.1	0.625
5 CACM-1827	51	0.098	0.625
5 CACM-2572	52	0.096	0.625
5 CACM-2705	53	0.094	0.625
5 CACM-2753	54	0.093	0.625
5 CACM-2985	55	0.091	0.625
5 CACM-1252	56	0.089	0.625
5 CACM-2277	57	0.088	0.625
5 CACM-2002	58	0.086	0.625
5 CACM-2396	59	0.085	0.625
5 CACM-1272	60	0.083	0.625
5 CACM-1962	61	0.082	0.625
5 CACM-2078	62	0.081	0.625
5 CACM-2155	63	0.079	0.625
5 CACM-1697	64	0.078	0.625
5 CACM-3087	65	0.077	0.625
5 CACM-2980	66	0.076	0.625
5 CACM-2622	67	0.075	0.625
5 CACM-3144	68	0.074	0.625
5 CACM-1238	69	0.072	0.625
5 CACM-3025	70	0.071	0.625
5 CACM-1589	71	0.07	0.625
5 CACM-1033	72	0.069	0.625
5 CACM-2379	73	0.068	0.625
5 CACM-1253	74	0.068	0.625
5 CACM-2534	75	0.067	0.625
5 CACM-1523	76	0.066	0.625
5 CACM-1724	77	0.065	0.625
5 CACM-1747	78	0.064	0.625
5 CACM-2148	79	0.063	0.625
5 CACM-1194	80	0.062	0.625
5 CACM-2868	81	0.062	0.625
5 CACM-0695	82	0.061	0.625
5 CACM-1748	83	0.06	0.625
5 CACM-1835	84	0.06	0.625
5 CACM-1901	85	0.059	0.625
5 CACM-2105	86	0.058	0.625
5 CACM-2181	87	0.057	0.625
5 CACM-1774	88	0.057	0.625
5 CACM-2546	89	0.056	0.625

System 1

5 CACM-0972	90	0.056	0.625
5 CACM-2167	91	0.055	0.625
5 CACM-1652	92	0.054	0.625
5 CACM-2389	93	0.054	0.625
5 CACM-0040	94	0.053	0.625
5 CACM-1341	95	0.053	0.625
5 CACM-2948	96	0.052	0.625
5 CACM-1010	97	0.052	0.625
5 CACM-2319	98	0.051	0.625
5 CACM-2267	99	0.051	0.625
5 CACM-2626	100	0.05	0.625
6 CACM-2826	1	0	0
6 CACM-2828	2	0.5	0.333
6 CACM-1543	3	0.667	0.667
6 CACM-1365	4	0.5	0.667
6 CACM-2230	5	0.4	0.667
6 CACM-0605	6	0.333	0.667
6 CACM-1234	7	0.286	0.667
6 CACM-2721	8	0.25	0.667
6 CACM-0695	9	0.222	0.667
6 CACM-0531	10	0.2	0.667
6 CACM-3035	11	0.182	0.667
6 CACM-0670	12	0.167	0.667
6 CACM-2931	13	0.154	0.667
6 CACM-1664	14	0.143	0.667
6 CACM-0417	15	0.133	0.667
6 CACM-2078	16	0.188	1
6 CACM-1341	17	0.176	1
6 CACM-1014	18	0.167	1
6 CACM-3135	19	0.158	1
6 CACM-1623	20	0.15	1
6 CACM-2187	21	0.143	1
6 CACM-2389	22	0.136	1
6 CACM-1184	23	0.13	1
6 CACM-2753	24	0.125	1
6 CACM-1928	25	0.12	1
6 CACM-2943	26	0.115	1
6 CACM-3080	27	0.111	1
6 CACM-2810	28	0.107	1
6 CACM-2834	29	0.103	1
6 CACM-1379	30	0.1	1
6 CACM-2667	31	0.097	1
6 CACM-1148	32	0.094	1
6 CACM-1614	33	0.091	1
6 CACM-1366	34	0.088	1
6 CACM-1886	35	0.086	1
6 CACM-1353	36	0.083	1
6 CACM-2978	37	0.081	1
6 CACM-1867	38	0.079	1

System 1

6 CACM-1083	39	0.077	1
6 CACM-1046	40	0.075	1
6 CACM-2805	41	0.073	1
6 CACM-2166	42	0.071	1
6 CACM-2264	43	0.07	1
6 CACM-0320	44	0.068	1
6 CACM-2893	45	0.067	1
6 CACM-2231	46	0.065	1
6 CACM-2046	47	0.064	1
6 CACM-2918	48	0.062	1
6 CACM-1457	49	0.061	1
6 CACM-1348	50	0.06	1
6 CACM-1362	51	0.059	1
6 CACM-1233	52	0.058	1
6 CACM-2873	53	0.057	1
6 CACM-2297	54	0.056	1
6 CACM-3077	55	0.055	1
6 CACM-0321	56	0.054	1
6 CACM-1827	57	0.053	1
6 CACM-3000	58	0.052	1
6 CACM-1877	59	0.051	1
6 CACM-1099	60	0.05	1
6 CACM-1443	61	0.049	1
6 CACM-1653	62	0.048	1
6 CACM-3076	63	0.048	1
6 CACM-2572	64	0.047	1
6 CACM-1199	65	0.046	1
6 CACM-2302	66	0.045	1
6 CACM-2092	67	0.045	1
6 CACM-1458	68	0.044	1
6 CACM-0694	69	0.043	1
6 CACM-1978	70	0.043	1
6 CACM-1445	71	0.042	1
6 CACM-2930	72	0.042	1
6 CACM-1459	73	0.041	1
6 CACM-2061	74	0.041	1
6 CACM-2892	75	0.04	1
6 CACM-1781	76	0.039	1
6 CACM-1262	77	0.039	1
6 CACM-2900	78	0.038	1
6 CACM-1387	79	0.038	1
6 CACM-0616	80	0.037	1
6 CACM-1572	81	0.037	1
6 CACM-2932	82	0.037	1
6 CACM-1206	83	0.036	1
6 CACM-2307	84	0.036	1
6 CACM-1397	85	0.035	1
6 CACM-1587	86	0.035	1
6 CACM-1272	87	0.034	1

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6 CACM-1392	88	0.034	1
6 CACM-0724	89	0.034	1
6 CACM-2886	90	0.033	1
6 CACM-2289	91	0.033	1
6 CACM-0533	92	0.033	1
6 CACM-2707	93	0.032	1
6 CACM-2317	94	0.032	1
6 CACM-1601	95	0.032	1
6 CACM-0492	96	0.031	1
6 CACM-2841	97	0.031	1
6 CACM-2263	98	0.031	1
6 CACM-1748	99	0.03	1
6 CACM-2993	100	0.03	1
7 CACM-3043	1	1	0.036
7 CACM-3128	2	1	0.071
7 CACM-2342	3	1	0.107
7 CACM-2912	4	1	0.143
7 CACM-2376	5	1	0.179
7 CACM-2949	6	0.833	0.179
7 CACM-2865	7	0.857	0.214
7 CACM-3141	8	0.875	0.25
7 CACM-1854	9	0.778	0.25
7 CACM-2320	10	0.8	0.286
7 CACM-3148	11	0.818	0.321
7 CACM-2740	12	0.75	0.321
7 CACM-1749	13	0.692	0.321
7 CACM-0046	14	0.643	0.321
7 CACM-2378	15	0.6	0.321
7 CACM-1198	16	0.625	0.357
7 CACM-3048	17	0.588	0.357
7 CACM-2871	18	0.556	0.357
7 CACM-2111	19	0.526	0.357
7 CACM-2890	20	0.5	0.357
7 CACM-2541	21	0.476	0.357
7 CACM-2895	22	0.5	0.393
7 CACM-2080	23	0.478	0.393
7 CACM-3014	24	0.458	0.393
7 CACM-2519	25	0.44	0.393
7 CACM-2379	26	0.423	0.393
7 CACM-2150	27	0.444	0.429
7 CACM-3104	28	0.429	0.429
7 CACM-2317	29	0.414	0.429
7 CACM-1748	30	0.4	0.429
7 CACM-0243	31	0.387	0.429
7 CACM-2940	32	0.375	0.429
7 CACM-1135	33	0.364	0.429
7 CACM-2371	34	0.353	0.429
7 CACM-3082	35	0.371	0.464
7 CACM-3078	36	0.361	0.464

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7 CACM-1098	37	0.351	0.464
7 CACM-1753	38	0.342	0.464
7 CACM-2851	39	0.333	0.464
7 CACM-1381	40	0.325	0.464
7 CACM-2979	41	0.317	0.464
7 CACM-3080	42	0.31	0.464
7 CACM-1623	43	0.302	0.464
7 CACM-2264	44	0.295	0.464
7 CACM-2795	45	0.289	0.464
7 CACM-2276	46	0.283	0.464
7 CACM-1928	47	0.277	0.464
7 CACM-3039	48	0.271	0.464
7 CACM-2972	49	0.265	0.464
7 CACM-2216	50	0.26	0.464
7 CACM-2802	51	0.255	0.464
7 CACM-3137	52	0.25	0.464
7 CACM-1698	53	0.245	0.464
7 CACM-2920	54	0.241	0.464
7 CACM-1886	55	0.236	0.464
7 CACM-2958	56	0.232	0.464
7 CACM-1099	57	0.228	0.464
7 CACM-2016	58	0.224	0.464
7 CACM-1458	59	0.22	0.464
7 CACM-2732	60	0.217	0.464
7 CACM-3031	61	0.213	0.464
7 CACM-2903	62	0.21	0.464
7 CACM-2326	63	0.206	0.464
7 CACM-1397	64	0.203	0.464
7 CACM-2950	65	0.2	0.464
7 CACM-0825	66	0.197	0.464
7 CACM-3170	67	0.194	0.464
7 CACM-0942	68	0.191	0.464
7 CACM-2179	69	0.188	0.464
7 CACM-1272	70	0.186	0.464
7 CACM-2307	71	0.183	0.464
7 CACM-1626	72	0.181	0.464
7 CACM-2864	73	0.178	0.464
7 CACM-3140	74	0.176	0.464
7 CACM-1706	75	0.173	0.464
7 CACM-2470	76	0.171	0.464
7 CACM-2289	77	0.169	0.464
7 CACM-2522	78	0.167	0.464
7 CACM-1665	79	0.165	0.464
7 CACM-2535	80	0.163	0.464
7 CACM-2344	81	0.16	0.464
7 CACM-2060	82	0.159	0.464
7 CACM-2033	83	0.157	0.464
7 CACM-2406	84	0.155	0.464
7 CACM-1834	85	0.153	0.464

System 1

7 CACM-2657	86	0.151	0.464
7 CACM-1960	87	0.161	0.5
7 CACM-1572	88	0.159	0.5
7 CACM-2581	89	0.157	0.5
7 CACM-1145	90	0.156	0.5
7 CACM-2931	91	0.154	0.5
7 CACM-1805	92	0.152	0.5
7 CACM-2623	93	0.151	0.5
7 CACM-3143	94	0.149	0.5
7 CACM-3059	95	0.147	0.5
7 CACM-2268	96	0.146	0.5
7 CACM-1518	97	0.144	0.5
7 CACM-1601	98	0.143	0.5
7 CACM-3077	99	0.141	0.5
7 CACM-3120	100	0.14	0.5
8 CACM-2625	1	1	0.333
8 CACM-3032	2	1	0.667
8 CACM-2951	3	0.667	0.667
8 CACM-2541	4	0.5	0.667
8 CACM-2776	5	0.4	0.667
8 CACM-1685	6	0.333	0.667
8 CACM-2858	7	0.286	0.667
8 CACM-1869	8	0.25	0.667
8 CACM-0912	9	0.222	0.667
8 CACM-2371	10	0.2	0.667
8 CACM-2991	11	0.182	0.667
8 CACM-2194	12	0.167	0.667
8 CACM-1928	13	0.154	0.667
8 CACM-1677	14	0.143	0.667
8 CACM-2949	15	0.133	0.667
8 CACM-1785	16	0.125	0.667
8 CACM-0492	17	0.118	0.667
8 CACM-1723	18	0.111	0.667
8 CACM-2860	19	0.105	0.667
8 CACM-2543	20	0.1	0.667
8 CACM-3068	21	0.095	0.667
8 CACM-1752	22	0.091	0.667
8 CACM-3083	23	0.087	0.667
8 CACM-3053	24	0.083	0.667
8 CACM-2482	25	0.08	0.667
8 CACM-1754	26	0.077	0.667
8 CACM-0332	27	0.074	0.667
8 CACM-2501	28	0.071	0.667
8 CACM-1695	29	0.069	0.667
8 CACM-2197	30	0.067	0.667
8 CACM-3040	31	0.065	0.667
8 CACM-0828	32	0.062	0.667
8 CACM-2892	33	0.061	0.667
8 CACM-2969	34	0.059	0.667

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8 CACM-2358	35	0.057	0.667
8 CACM-3126	36	0.056	0.667
8 CACM-2522	37	0.054	0.667
8 CACM-1751	38	0.053	0.667
8 CACM-2830	39	0.051	0.667
8 CACM-3158	40	0.05	0.667
8 CACM-3133	41	0.049	0.667
8 CACM-0040	42	0.048	0.667
8 CACM-1879	43	0.047	0.667
8 CACM-2109	44	0.045	0.667
8 CACM-1611	45	0.044	0.667
8 CACM-1247	46	0.043	0.667
8 CACM-2849	47	0.064	1
8 CACM-2111	48	0.062	1
8 CACM-3038	49	0.061	1
8 CACM-2203	50	0.06	1
8 CACM-0441	51	0.059	1
8 CACM-1728	52	0.058	1
8 CACM-2712	53	0.057	1
8 CACM-2614	54	0.056	1
8 CACM-1680	55	0.055	1
8 CACM-2320	56	0.054	1
8 CACM-3076	57	0.053	1
8 CACM-3127	58	0.052	1
8 CACM-1877	59	0.051	1
8 CACM-2454	60	0.05	1
8 CACM-2515	61	0.049	1
8 CACM-0820	62	0.048	1
8 CACM-2632	63	0.048	1
8 CACM-2500	64	0.047	1
8 CACM-3110	65	0.046	1
8 CACM-2840	66	0.045	1
8 CACM-2297	67	0.045	1
8 CACM-1735	68	0.044	1
8 CACM-2317	69	0.043	1
8 CACM-1261	70	0.043	1
8 CACM-2151	71	0.042	1
8 CACM-2950	72	0.042	1
8 CACM-1591	73	0.041	1
8 CACM-3082	74	0.041	1
8 CACM-0144	75	0.04	1
8 CACM-2499	76	0.039	1
8 CACM-2138	77	0.039	1
8 CACM-2274	78	0.038	1
8 CACM-2095	79	0.038	1
8 CACM-1462	80	0.037	1
8 CACM-3141	81	0.037	1
8 CACM-2578	82	0.037	1
8 CACM-1846	83	0.036	1

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8 CACM-2798	84	0.036	1
8 CACM-2597	85	0.035	1
8 CACM-2372	86	0.035	1
8 CACM-2988	87	0.034	1
8 CACM-2377	88	0.034	1
8 CACM-0071	89	0.034	1
8 CACM-2920	90	0.033	1
8 CACM-2080	91	0.033	1
8 CACM-3059	92	0.033	1
8 CACM-2258	93	0.032	1
8 CACM-2319	94	0.032	1
8 CACM-1938	95	0.032	1
8 CACM-2905	96	0.031	1
8 CACM-3072	97	0.031	1
8 CACM-1226	98	0.031	1
8 CACM-2621	99	0.03	1
8 CACM-2379	100	0.03	1
9 CACM-3068	1	1	0.111
9 CACM-2372	2	1	0.222
9 CACM-2621	3	0.667	0.222
9 CACM-3158	4	0.75	0.333
9 CACM-3174	5	0.6	0.333
9 CACM-2870	6	0.667	0.444
9 CACM-1808	7	0.571	0.444
9 CACM-3128	8	0.625	0.556
9 CACM-3076	9	0.556	0.556
9 CACM-1928	10	0.5	0.556
9 CACM-1745	11	0.455	0.556
9 CACM-1747	12	0.417	0.556
9 CACM-3181	13	0.385	0.556
9 CACM-3082	14	0.357	0.556
9 CACM-2111	15	0.333	0.556
9 CACM-3182	16	0.312	0.556
9 CACM-2578	17	0.294	0.556
9 CACM-2951	18	0.278	0.556
9 CACM-2317	19	0.263	0.556
9 CACM-2424	20	0.25	0.556
9 CACM-2949	21	0.238	0.556
9 CACM-2988	22	0.227	0.556
9 CACM-3111	23	0.261	0.667
9 CACM-3141	24	0.25	0.667
9 CACM-2626	25	0.24	0.667
9 CACM-2840	26	0.231	0.667
9 CACM-1750	27	0.222	0.667
9 CACM-2151	28	0.214	0.667
9 CACM-2622	29	0.207	0.667
9 CACM-3177	30	0.233	0.778
9 CACM-2345	31	0.226	0.778
9 CACM-2741	32	0.219	0.778

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9 CACM-2867	33	0.212	0.778
9 CACM-3038	34	0.206	0.778
9 CACM-1728	35	0.2	0.778
9 CACM-2358	36	0.194	0.778
9 CACM-3011	37	0.189	0.778
9 CACM-1387	38	0.184	0.778
9 CACM-2046	39	0.179	0.778
9 CACM-2407	40	0.175	0.778
9 CACM-2632	41	0.195	0.889
9 CACM-2869	42	0.19	0.889
9 CACM-2198	43	0.186	0.889
9 CACM-1341	44	0.182	0.889
9 CACM-2776	45	0.178	0.889
9 CACM-1959	46	0.174	0.889
9 CACM-3028	47	0.17	0.889
9 CACM-1247	48	0.167	0.889
9 CACM-2849	49	0.163	0.889
9 CACM-3137	50	0.16	0.889
9 CACM-2882	51	0.157	0.889
9 CACM-2522	52	0.154	0.889
9 CACM-3025	53	0.151	0.889
9 CACM-2888	54	0.148	0.889
9 CACM-2479	55	0.145	0.889
9 CACM-1978	56	0.143	0.889
9 CACM-2406	57	0.14	0.889
9 CACM-1572	58	0.138	0.889
9 CACM-2138	59	0.136	0.889
9 CACM-3150	60	0.133	0.889
9 CACM-2852	61	0.131	0.889
9 CACM-2876	62	0.145	1
9 CACM-2525	63	0.143	1
9 CACM-2812	64	0.141	1
9 CACM-1636	65	0.138	1
9 CACM-2080	66	0.136	1
9 CACM-2371	67	0.134	1
9 CACM-2163	68	0.132	1
9 CACM-2995	69	0.13	1
9 CACM-1489	70	0.129	1
9 CACM-0637	71	0.127	1
9 CACM-2969	72	0.125	1
9 CACM-2567	73	0.123	1
9 CACM-1844	74	0.122	1
9 CACM-3026	75	0.12	1
9 CACM-1196	76	0.118	1
9 CACM-2950	77	0.117	1
9 CACM-2168	78	0.115	1
9 CACM-1751	79	0.114	1
9 CACM-3183	80	0.113	1
9 CACM-1892	81	0.111	1

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9 CACM-1748	82	0.11	1
9 CACM-2127	83	0.108	1
9 CACM-2945	84	0.107	1
9 CACM-3148	85	0.106	1
9 CACM-1951	86	0.105	1
9 CACM-2985	87	0.103	1
9 CACM-0417	88	0.102	1
9 CACM-0822	89	0.101	1
9 CACM-2165	90	0.1	1
9 CACM-2798	91	0.099	1
9 CACM-0059	92	0.098	1
9 CACM-1781	93	0.097	1
9 CACM-3070	94	0.096	1
9 CACM-3021	95	0.095	1
9 CACM-2298	96	0.094	1
9 CACM-3059	97	0.093	1
9 CACM-0046	98	0.092	1
9 CACM-1846	99	0.091	1
9 CACM-2320	100	0.09	1
10 CACM-2785	1	1	0.029
10 CACM-2266	2	0.5	0.029
10 CACM-2685	3	0.667	0.057
10 CACM-1795	4	0.75	0.086
10 CACM-2700	5	0.8	0.114
10 CACM-1158	6	0.833	0.143
10 CACM-3075	7	0.857	0.171
10 CACM-1262	8	0.875	0.2
10 CACM-2895	9	0.889	0.229
10 CACM-2973	10	0.8	0.229
10 CACM-2714	11	0.818	0.257
10 CACM-2896	12	0.833	0.286
10 CACM-1601	13	0.846	0.314
10 CACM-3059	14	0.786	0.314
10 CACM-1302	15	0.733	0.314
10 CACM-1828	16	0.688	0.314
10 CACM-0950	17	0.647	0.314
10 CACM-3156	18	0.667	0.343
10 CACM-1468	19	0.632	0.343
10 CACM-2865	20	0.6	0.343
10 CACM-0141	21	0.571	0.343
10 CACM-2401	22	0.545	0.343
10 CACM-2342	23	0.565	0.371
10 CACM-2851	24	0.583	0.4
10 CACM-0392	25	0.56	0.4
10 CACM-2557	26	0.538	0.4
10 CACM-2182	27	0.519	0.4
10 CACM-1536	28	0.5	0.4
10 CACM-2195	29	0.483	0.4
10 CACM-1569	30	0.467	0.4

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10 CACM-2175	31	0.452	0.4
10 CACM-3073	32	0.438	0.4
10 CACM-1747	33	0.455	0.429
10 CACM-2570	34	0.441	0.429
10 CACM-1846	35	0.429	0.429
10 CACM-2080	36	0.417	0.429
10 CACM-2433	37	0.432	0.457
10 CACM-1008	38	0.421	0.457
10 CACM-2838	39	0.41	0.457
10 CACM-2727	40	0.4	0.457
10 CACM-1471	41	0.415	0.486
10 CACM-3044	42	0.405	0.486
10 CACM-2289	43	0.419	0.514
10 CACM-1200	44	0.409	0.514
10 CACM-1554	45	0.4	0.514
10 CACM-1603	46	0.391	0.514
10 CACM-2740	47	0.383	0.514
10 CACM-1613	48	0.396	0.543
10 CACM-1957	49	0.388	0.543
10 CACM-0320	50	0.38	0.543
10 CACM-2514	51	0.373	0.543
10 CACM-1959	52	0.365	0.543
10 CACM-3175	53	0.358	0.543
10 CACM-2114	54	0.352	0.543
10 CACM-2898	55	0.345	0.543
10 CACM-2376	56	0.357	0.571
10 CACM-1341	57	0.351	0.571
10 CACM-1960	58	0.345	0.571
10 CACM-2515	59	0.339	0.571
10 CACM-1325	60	0.333	0.571
10 CACM-2723	61	0.328	0.571
10 CACM-1409	62	0.323	0.571
10 CACM-1854	63	0.317	0.571
10 CACM-1928	64	0.312	0.571
10 CACM-2497	65	0.308	0.571
10 CACM-1811	66	0.318	0.6
10 CACM-2967	67	0.313	0.6
10 CACM-2692	68	0.309	0.6
10 CACM-0034	69	0.304	0.6
10 CACM-0035	70	0.3	0.6
10 CACM-1411	71	0.296	0.6
10 CACM-1708	72	0.292	0.6
10 CACM-1819	73	0.288	0.6
10 CACM-2135	74	0.284	0.6
10 CACM-1644	75	0.28	0.6
10 CACM-2824	76	0.276	0.6
10 CACM-3166	77	0.273	0.6
10 CACM-2340	78	0.269	0.6
10 CACM-2707	79	0.266	0.6

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10 CACM-2918	80	0.263	0.6
10 CACM-1363	81	0.259	0.6
10 CACM-1934	82	0.256	0.6
10 CACM-3085	83	0.253	0.6
10 CACM-2081	84	0.25	0.6
10 CACM-1498	85	0.247	0.6
10 CACM-1696	86	0.244	0.6
10 CACM-1199	87	0.241	0.6
10 CACM-1010	88	0.239	0.6
10 CACM-1309	89	0.236	0.6
10 CACM-2634	90	0.233	0.6
10 CACM-2263	91	0.231	0.6
10 CACM-2129	92	0.228	0.6
10 CACM-1474	93	0.226	0.6
10 CACM-2847	94	0.223	0.6
10 CACM-2914	95	0.221	0.6
10 CACM-1933	96	0.219	0.6
10 CACM-3147	97	0.216	0.6
10 CACM-2251	98	0.214	0.6
10 CACM-2400	99	0.212	0.6
10 CACM-2567	100	0.21	0.6
11 CACM-2699	1	1	0.053
11 CACM-1923	2	1	0.105
11 CACM-2717	3	0.667	0.105
11 CACM-2906	4	0.75	0.158
11 CACM-3148	5	0.6	0.158
11 CACM-3171	6	0.5	0.158
11 CACM-3150	7	0.571	0.211
11 CACM-2527	8	0.625	0.263
11 CACM-2316	9	0.667	0.316
11 CACM-3077	10	0.6	0.316
11 CACM-2716	11	0.636	0.368
11 CACM-2198	12	0.583	0.368
11 CACM-2246	13	0.615	0.421
11 CACM-0724	14	0.571	0.421
11 CACM-2320	15	0.533	0.421
11 CACM-3080	16	0.5	0.421
11 CACM-1860	17	0.471	0.421
11 CACM-1872	18	0.444	0.421
11 CACM-0265	19	0.421	0.421
11 CACM-1861	20	0.4	0.421
11 CACM-2705	21	0.381	0.421
11 CACM-2091	22	0.364	0.421
11 CACM-2081	23	0.348	0.421
11 CACM-1835	24	0.333	0.421
11 CACM-1903	25	0.32	0.421
11 CACM-2787	26	0.308	0.421
11 CACM-1627	27	0.296	0.421
11 CACM-2003	28	0.286	0.421

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11 CACM-2317	29	0.276	0.421
11 CACM-2034	30	0.267	0.421
11 CACM-0281	31	0.258	0.421
11 CACM-3057	32	0.25	0.421
11 CACM-0731	33	0.242	0.421
11 CACM-1642	34	0.235	0.421
11 CACM-1552	35	0.229	0.421
11 CACM-2898	36	0.222	0.421
11 CACM-0795	37	0.216	0.421
11 CACM-2593	38	0.211	0.421
11 CACM-0205	39	0.205	0.421
11 CACM-2603	40	0.2	0.421
11 CACM-2826	41	0.195	0.421
11 CACM-2398	42	0.19	0.421
11 CACM-1676	43	0.186	0.421
11 CACM-3123	44	0.182	0.421
11 CACM-3185	45	0.178	0.421
11 CACM-3101	46	0.174	0.421
11 CACM-0249	47	0.17	0.421
11 CACM-2867	48	0.167	0.421
11 CACM-1769	49	0.163	0.421
11 CACM-1098	50	0.16	0.421
11 CACM-1703	51	0.157	0.421
11 CACM-2873	52	0.154	0.421
11 CACM-1472	53	0.151	0.421
11 CACM-1366	54	0.148	0.421
11 CACM-2922	55	0.145	0.421
11 CACM-2295	56	0.143	0.421
11 CACM-1788	57	0.14	0.421
11 CACM-1459	58	0.138	0.421
11 CACM-2542	59	0.136	0.421
11 CACM-1462	60	0.133	0.421
11 CACM-1223	61	0.131	0.421
11 CACM-2897	62	0.129	0.421
11 CACM-1678	63	0.127	0.421
11 CACM-1466	64	0.125	0.421
11 CACM-0321	65	0.123	0.421
11 CACM-1852	66	0.121	0.421
11 CACM-1102	67	0.119	0.421
11 CACM-1138	68	0.118	0.421
11 CACM-1142	69	0.116	0.421
11 CACM-2406	70	0.114	0.421
11 CACM-1188	71	0.127	0.474
11 CACM-1720	72	0.125	0.474
11 CACM-2814	73	0.123	0.474
11 CACM-0463	74	0.122	0.474
11 CACM-1306	75	0.133	0.526
11 CACM-1425	76	0.132	0.526
11 CACM-0651	77	0.13	0.526

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11 CACM-2645	78	0.128	0.526
11 CACM-0920	79	0.127	0.526
11 CACM-0762	80	0.125	0.526
11 CACM-1179	81	0.123	0.526
11 CACM-3130	82	0.122	0.526
11 CACM-0628	83	0.12	0.526
11 CACM-0479	84	0.119	0.526
11 CACM-1485	85	0.118	0.526
11 CACM-2765	86	0.116	0.526
11 CACM-2928	87	0.115	0.526
11 CACM-1496	88	0.114	0.526
11 CACM-1467	89	0.112	0.526
11 CACM-3119	90	0.111	0.526
11 CACM-2782	91	0.11	0.526
11 CACM-1641	92	0.109	0.526
11 CACM-2305	93	0.108	0.526
11 CACM-2710	94	0.117	0.579
11 CACM-2661	95	0.116	0.579
11 CACM-3105	96	0.115	0.579
11 CACM-2651	97	0.113	0.579
11 CACM-1553	98	0.112	0.579
11 CACM-0252	99	0.111	0.579
11 CACM-2647	100	0.11	0.579
12 CACM-3127	1	1	0.2
12 CACM-3068	2	0.5	0.2
12 CACM-2246	3	0.667	0.4
12 CACM-1461	4	0.5	0.4
12 CACM-1930	5	0.4	0.4
12 CACM-1462	6	0.333	0.4
12 CACM-2111	7	0.286	0.4
12 CACM-1728	8	0.25	0.4
12 CACM-2867	9	0.222	0.4
12 CACM-1247	10	0.2	0.4
12 CACM-2317	11	0.182	0.4
12 CACM-1750	12	0.167	0.4
12 CACM-2482	13	0.154	0.4
12 CACM-2372	14	0.143	0.4
12 CACM-2740	15	0.133	0.4
12 CACM-2840	16	0.125	0.4
12 CACM-2319	17	0.118	0.4
12 CACM-2069	18	0.111	0.4
12 CACM-2597	19	0.105	0.4
12 CACM-1680	20	0.1	0.4
12 CACM-2080	21	0.143	0.6
12 CACM-3025	22	0.136	0.6
12 CACM-2379	23	0.13	0.6
12 CACM-2424	24	0.125	0.6
12 CACM-1747	25	0.12	0.6
12 CACM-3196	26	0.115	0.6

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12 CACM-2629	27	0.148	0.8
12 CACM-2320	28	0.143	0.8
12 CACM-2621	29	0.138	0.8
12 CACM-2151	30	0.133	0.8
12 CACM-2950	31	0.129	0.8
12 CACM-1751	32	0.125	0.8
12 CACM-1324	33	0.121	0.8
12 CACM-2138	34	0.118	0.8
12 CACM-2632	35	0.114	0.8
12 CACM-1923	36	0.111	0.8
12 CACM-2624	37	0.108	0.8
12 CACM-3174	38	0.105	0.8
12 CACM-2378	39	0.103	0.8
12 CACM-3141	40	0.1	0.8
12 CACM-2358	41	0.098	0.8
12 CACM-2522	42	0.095	0.8
12 CACM-1226	43	0.093	0.8
12 CACM-1951	44	0.091	0.8
12 CACM-1752	45	0.089	0.8
12 CACM-3026	46	0.087	0.8
12 CACM-1236	47	0.085	0.8
12 CACM-0322	48	0.083	0.8
12 CACM-2036	49	0.082	0.8
12 CACM-1892	50	0.08	0.8
12 CACM-3028	51	0.078	0.8
12 CACM-2541	52	0.077	0.8
12 CACM-3137	53	0.075	0.8
12 CACM-2374	54	0.074	0.8
12 CACM-2796	55	0.073	0.8
12 CACM-2297	56	0.071	0.8
12 CACM-1755	57	0.07	0.8
12 CACM-1472	58	0.069	0.8
12 CACM-1069	59	0.068	0.8
12 CACM-1591	60	0.067	0.8
12 CACM-2625	61	0.066	0.8
12 CACM-2868	62	0.065	0.8
12 CACM-2184	63	0.063	0.8
12 CACM-2920	64	0.062	0.8
12 CACM-2357	65	0.062	0.8
12 CACM-2972	66	0.061	0.8
12 CACM-2777	67	0.06	0.8
12 CACM-3006	68	0.059	0.8
12 CACM-2095	69	0.058	0.8
12 CACM-1050	70	0.057	0.8
12 CACM-3050	71	0.056	0.8
12 CACM-1464	72	0.056	0.8
12 CACM-2536	73	0.055	0.8
12 CACM-3105	74	0.054	0.8
12 CACM-2622	75	0.053	0.8

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12 CACM-1647	76	0.053	0.8
12 CACM-2345	77	0.052	0.8
12 CACM-2311	78	0.051	0.8
12 CACM-2407	79	0.051	0.8
12 CACM-2219	80	0.05	0.8
12 CACM-0696	81	0.049	0.8
12 CACM-1519	82	0.049	0.8
12 CACM-2479	83	0.048	0.8
12 CACM-2283	84	0.048	0.8
12 CACM-2582	85	0.047	0.8
12 CACM-1534	86	0.047	0.8
12 CACM-3150	87	0.046	0.8
12 CACM-1877	88	0.045	0.8
12 CACM-1959	89	0.045	0.8
12 CACM-1854	90	0.044	0.8
12 CACM-1341	91	0.044	0.8
12 CACM-2849	92	0.043	0.8
12 CACM-2852	93	0.043	0.8
12 CACM-1517	94	0.043	0.8
12 CACM-2535	95	0.042	0.8
12 CACM-2882	96	0.042	0.8
12 CACM-2583	97	0.041	0.8
12 CACM-2542	98	0.041	0.8
12 CACM-1698	99	0.04	0.8
12 CACM-1810	100	0.04	0.8
13 CACM-1947	1	1	0.091
13 CACM-1795	2	1	0.182
13 CACM-2495	3	1	0.273
13 CACM-2897	4	1	0.364
13 CACM-3080	5	0.8	0.364
13 CACM-3054	6	0.667	0.364
13 CACM-2904	7	0.571	0.364
13 CACM-2253	8	0.5	0.364
13 CACM-2929	9	0.444	0.364
13 CACM-1886	10	0.4	0.364
13 CACM-2464	11	0.364	0.364
13 CACM-1564	12	0.333	0.364
13 CACM-2944	13	0.308	0.364
13 CACM-2491	14	0.286	0.364
13 CACM-2748	15	0.267	0.364
13 CACM-1807	16	0.312	0.455
13 CACM-2835	17	0.294	0.455
13 CACM-1231	18	0.333	0.545
13 CACM-1223	19	0.368	0.636
13 CACM-2423	20	0.35	0.636
13 CACM-2701	21	0.333	0.636
13 CACM-1655	22	0.318	0.636
13 CACM-1362	23	0.304	0.636
13 CACM-0048	24	0.292	0.636

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13 CACM-1756	25	0.28	0.636
13 CACM-2611	26	0.269	0.636
13 CACM-2616	27	0.259	0.636
13 CACM-2858	28	0.25	0.636
13 CACM-1652	29	0.241	0.636
13 CACM-2834	30	0.233	0.636
13 CACM-2107	31	0.226	0.636
13 CACM-2964	32	0.219	0.636
13 CACM-2533	33	0.212	0.636
13 CACM-1992	34	0.206	0.636
13 CACM-2836	35	0.2	0.636
13 CACM-2344	36	0.194	0.636
13 CACM-1676	37	0.189	0.636
13 CACM-2133	38	0.184	0.636
13 CACM-2433	39	0.179	0.636
13 CACM-3066	40	0.175	0.636
13 CACM-2290	41	0.171	0.636
13 CACM-0195	42	0.167	0.636
13 CACM-2680	43	0.163	0.636
13 CACM-1651	44	0.159	0.636
13 CACM-0797	45	0.156	0.636
13 CACM-1757	46	0.152	0.636
13 CACM-2537	47	0.149	0.636
13 CACM-1289	48	0.146	0.636
13 CACM-2411	49	0.143	0.636
13 CACM-1670	50	0.14	0.636
13 CACM-1187	51	0.137	0.636
13 CACM-1064	52	0.135	0.636
13 CACM-1414	53	0.132	0.636
13 CACM-0230	54	0.13	0.636
13 CACM-1232	55	0.127	0.636
13 CACM-0066	56	0.125	0.636
13 CACM-1275	57	0.123	0.636
13 CACM-1973	58	0.121	0.636
13 CACM-0333	59	0.119	0.636
13 CACM-1066	60	0.117	0.636
13 CACM-1065	61	0.115	0.636
13 CACM-2586	62	0.113	0.636
13 CACM-3083	63	0.111	0.636
13 CACM-1204	64	0.109	0.636
13 CACM-3173	65	0.108	0.636
13 CACM-1786	66	0.106	0.636
13 CACM-2552	67	0.104	0.636
13 CACM-2716	68	0.103	0.636
13 CACM-2559	69	0.101	0.636
13 CACM-3125	70	0.1	0.636
13 CACM-0693	71	0.099	0.636
13 CACM-0093	72	0.097	0.636
13 CACM-1331	73	0.096	0.636

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13 CACM-1523	74	0.095	0.636
13 CACM-3175	75	0.093	0.636
13 CACM-3018	76	0.092	0.636
13 CACM-2888	77	0.091	0.636
13 CACM-2195	78	0.09	0.636
13 CACM-3110	79	0.089	0.636
13 CACM-1345	80	0.087	0.636
13 CACM-3171	81	0.086	0.636
13 CACM-2801	82	0.085	0.636
13 CACM-2812	83	0.084	0.636
13 CACM-1195	84	0.083	0.636
13 CACM-3005	85	0.082	0.636
13 CACM-2953	86	0.081	0.636
13 CACM-1234	87	0.08	0.636
13 CACM-2134	88	0.08	0.636
13 CACM-0124	89	0.079	0.636
13 CACM-2579	90	0.089	0.727
13 CACM-1658	91	0.088	0.727
13 CACM-2877	92	0.087	0.727
13 CACM-1551	93	0.097	0.818
13 CACM-2969	94	0.096	0.818
13 CACM-0104	95	0.095	0.818
13 CACM-2715	96	0.094	0.818
13 CACM-1290	97	0.093	0.818
13 CACM-2185	98	0.092	0.818
13 CACM-2000	99	0.091	0.818
13 CACM-3053	100	0.09	0.818
14 CACM-2348	1	1	0.023
14 CACM-0132	2	0.5	0.023
14 CACM-2563	3	0.667	0.045
14 CACM-0662	4	0.5	0.045
14 CACM-0853	5	0.4	0.045
14 CACM-0701	6	0.333	0.045
14 CACM-2397	7	0.429	0.068
14 CACM-0841	8	0.375	0.068
14 CACM-0862	9	0.333	0.068
14 CACM-0857	10	0.3	0.068
14 CACM-0856	11	0.273	0.068
14 CACM-1724	12	0.333	0.091
14 CACM-2679	13	0.385	0.114
14 CACM-0860	14	0.357	0.114
14 CACM-2976	15	0.333	0.114
14 CACM-3075	16	0.375	0.136
14 CACM-0677	17	0.353	0.136
14 CACM-0371	18	0.333	0.136
14 CACM-1796	19	0.316	0.136
14 CACM-3164	20	0.3	0.136
14 CACM-2007	21	0.286	0.136
14 CACM-1660	22	0.273	0.136

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14 CACM-1952	23	0.261	0.136
14 CACM-1342	24	0.25	0.136
14 CACM-2417	25	0.24	0.136
14 CACM-2830	26	0.231	0.136
14 CACM-0865	27	0.222	0.136
14 CACM-1953	28	0.214	0.136
14 CACM-2505	29	0.207	0.136
14 CACM-0861	30	0.2	0.136
14 CACM-2362	31	0.194	0.136
14 CACM-2716	32	0.219	0.159
14 CACM-0270	33	0.212	0.159
14 CACM-3017	34	0.206	0.159
14 CACM-1619	35	0.2	0.159
14 CACM-2146	36	0.222	0.182
14 CACM-2108	37	0.243	0.205
14 CACM-2797	38	0.237	0.205
14 CACM-3132	39	0.231	0.205
14 CACM-2257	40	0.225	0.205
14 CACM-1831	41	0.22	0.205
14 CACM-1957	42	0.214	0.205
14 CACM-2577	43	0.209	0.205
14 CACM-2689	44	0.205	0.205
14 CACM-2069	45	0.2	0.205
14 CACM-0776	46	0.196	0.205
14 CACM-0507	47	0.191	0.205
14 CACM-1191	48	0.188	0.205
14 CACM-0307	49	0.184	0.205
14 CACM-0049	50	0.18	0.205
14 CACM-2495	51	0.176	0.205
14 CACM-2586	52	0.173	0.205
14 CACM-2017	53	0.189	0.227
14 CACM-1930	54	0.185	0.227
14 CACM-2863	55	0.182	0.227
14 CACM-2583	56	0.179	0.227
14 CACM-2176	57	0.193	0.25
14 CACM-2704	58	0.19	0.25
14 CACM-0850	59	0.186	0.25
14 CACM-3196	60	0.183	0.25
14 CACM-1655	61	0.18	0.25
14 CACM-2408	62	0.177	0.25
14 CACM-1917	63	0.175	0.25
14 CACM-1121	64	0.172	0.25
14 CACM-0961	65	0.169	0.25
14 CACM-1668	66	0.167	0.25
14 CACM-1669	67	0.164	0.25
14 CACM-3126	68	0.162	0.25
14 CACM-1922	69	0.159	0.25
14 CACM-2279	70	0.157	0.25
14 CACM-1970	71	0.155	0.25

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14 CACM-2173	72	0.153	0.25
14 CACM-2345	73	0.151	0.25
14 CACM-1992	74	0.149	0.25
14 CACM-1304	75	0.147	0.25
14 CACM-0093	76	0.145	0.25
14 CACM-1117	77	0.143	0.25
14 CACM-2957	78	0.141	0.25
14 CACM-2974	79	0.139	0.25
14 CACM-2576	80	0.138	0.25
14 CACM-1971	81	0.136	0.25
14 CACM-2415	82	0.134	0.25
14 CACM-2133	83	0.133	0.25
14 CACM-1736	84	0.131	0.25
14 CACM-1016	85	0.129	0.25
14 CACM-1780	86	0.128	0.25
14 CACM-2615	87	0.126	0.25
14 CACM-2118	88	0.136	0.273
14 CACM-1714	89	0.135	0.273
14 CACM-1830	90	0.133	0.273
14 CACM-1819	91	0.132	0.273
14 CACM-1794	92	0.13	0.273
14 CACM-2464	93	0.129	0.273
14 CACM-2530	94	0.128	0.273
14 CACM-2403	95	0.126	0.273
14 CACM-1729	96	0.125	0.273
14 CACM-1980	97	0.134	0.295
14 CACM-1919	98	0.143	0.318
14 CACM-2223	99	0.141	0.318
14 CACM-2655	100	0.14	0.318
15 CACM-3125	1	0	0
15 CACM-1947	2	0.5	0.1
15 CACM-2835	3	0.333	0.1
15 CACM-1807	4	0.25	0.1
15 CACM-2616	5	0.2	0.1
15 CACM-1231	6	0.333	0.2
15 CACM-2344	7	0.286	0.2
15 CACM-2195	8	0.25	0.2
15 CACM-2701	9	0.333	0.3
15 CACM-3080	10	0.3	0.3
15 CACM-2929	11	0.273	0.3
15 CACM-1795	12	0.25	0.3
15 CACM-2716	13	0.231	0.3
15 CACM-1676	14	0.214	0.3
15 CACM-3054	15	0.2	0.3
15 CACM-2877	16	0.188	0.3
15 CACM-2464	17	0.176	0.3
15 CACM-2944	18	0.167	0.3
15 CACM-2923	19	0.158	0.3
15 CACM-2904	20	0.15	0.3

System 1

15 CACM-2836	21	0.143	0.3
15 CACM-2680	22	0.136	0.3
15 CACM-3018	23	0.13	0.3
15 CACM-2812	24	0.125	0.3
15 CACM-1658	25	0.12	0.3
15 CACM-2388	26	0.115	0.3
15 CACM-2953	27	0.111	0.3
15 CACM-3069	28	0.107	0.3
15 CACM-2253	29	0.103	0.3
15 CACM-2537	30	0.1	0.3
15 CACM-2964	31	0.097	0.3
15 CACM-1223	32	0.094	0.3
15 CACM-1195	33	0.091	0.3
15 CACM-2411	34	0.088	0.3
15 CACM-2134	35	0.086	0.3
15 CACM-0104	36	0.083	0.3
15 CACM-1886	37	0.081	0.3
15 CACM-2897	38	0.079	0.3
15 CACM-1564	39	0.077	0.3
15 CACM-1719	40	0.075	0.3
15 CACM-2969	41	0.073	0.3
15 CACM-2699	42	0.071	0.3
15 CACM-2321	43	0.07	0.3
15 CACM-3020	44	0.068	0.3
15 CACM-2188	45	0.067	0.3
15 CACM-2611	46	0.065	0.3
15 CACM-0693	47	0.064	0.3
15 CACM-2570	48	0.062	0.3
15 CACM-2858	49	0.061	0.3
15 CACM-2433	50	0.06	0.3
15 CACM-2903	51	0.059	0.3
15 CACM-2142	52	0.058	0.3
15 CACM-2000	53	0.057	0.3
15 CACM-2715	54	0.056	0.3
15 CACM-2579	55	0.055	0.3
15 CACM-1410	56	0.054	0.3
15 CACM-2883	57	0.053	0.3
15 CACM-1974	58	0.052	0.3
15 CACM-2133	59	0.051	0.3
15 CACM-3002	60	0.05	0.3
15 CACM-1951	61	0.049	0.3
15 CACM-2495	62	0.065	0.4
15 CACM-2451	63	0.063	0.4
15 CACM-2314	64	0.062	0.4
15 CACM-2290	65	0.062	0.4
15 CACM-2423	66	0.061	0.4
15 CACM-3053	67	0.06	0.4
15 CACM-2940	68	0.059	0.4
15 CACM-2722	69	0.058	0.4

System 1

15 CACM-2685	70	0.071	0.5
15 CACM-2015	71	0.07	0.5
15 CACM-1548	72	0.069	0.5
15 CACM-0396	73	0.068	0.5
15 CACM-3118	74	0.068	0.5
15 CACM-3064	75	0.067	0.5
15 CACM-3087	76	0.066	0.5
15 CACM-2943	77	0.065	0.5
15 CACM-2187	78	0.064	0.5
15 CACM-2541	79	0.063	0.5
15 CACM-2365	80	0.062	0.5
15 CACM-2181	81	0.062	0.5
15 CACM-2130	82	0.061	0.5
15 CACM-2210	83	0.06	0.5
15 CACM-2470	84	0.06	0.5
15 CACM-1768	85	0.059	0.5
15 CACM-2920	86	0.058	0.5
15 CACM-2827	87	0.057	0.5
15 CACM-2030	88	0.057	0.5
15 CACM-0243	89	0.056	0.5
15 CACM-3024	90	0.056	0.5
15 CACM-2457	91	0.055	0.5
15 CACM-2800	92	0.054	0.5
15 CACM-1750	93	0.054	0.5
15 CACM-2880	94	0.064	0.6
15 CACM-0695	95	0.063	0.6
15 CACM-2137	96	0.062	0.6
15 CACM-2146	97	0.062	0.6
15 CACM-2304	98	0.061	0.6
15 CACM-1961	99	0.061	0.6
15 CACM-2851	100	0.06	0.6
16 CACM-3141	1	0	0
16 CACM-2080	2	0	0
16 CACM-2378	3	0.333	0.059
16 CACM-2629	4	0.25	0.059
16 CACM-2740	5	0.2	0.059
16 CACM-1753	6	0.167	0.059
16 CACM-2320	7	0.143	0.059
16 CACM-1854	8	0.25	0.118
16 CACM-1750	9	0.222	0.118
16 CACM-2342	10	0.3	0.176
16 CACM-0243	11	0.273	0.176
16 CACM-2522	12	0.25	0.176
16 CACM-2376	13	0.308	0.235
16 CACM-2920	14	0.286	0.235
16 CACM-1748	15	0.267	0.235
16 CACM-1135	16	0.25	0.235
16 CACM-1749	17	0.294	0.294
16 CACM-2317	18	0.278	0.294

System 1

16 CACM-3128	19	0.263	0.294
16 CACM-2184	20	0.25	0.294
16 CACM-1747	21	0.238	0.294
16 CACM-1928	22	0.227	0.294
16 CACM-3002	23	0.217	0.294
16 CACM-2379	24	0.208	0.294
16 CACM-1199	25	0.2	0.294
16 CACM-2111	26	0.192	0.294
16 CACM-2358	27	0.185	0.294
16 CACM-2424	28	0.179	0.294
16 CACM-2867	29	0.172	0.294
16 CACM-3127	30	0.167	0.294
16 CACM-1032	31	0.161	0.294
16 CACM-2950	32	0.156	0.294
16 CACM-1846	33	0.152	0.294
16 CACM-2307	34	0.147	0.294
16 CACM-2319	35	0.143	0.294
16 CACM-0825	36	0.139	0.294
16 CACM-1728	37	0.135	0.294
16 CACM-3039	38	0.132	0.294
16 CACM-0409	39	0.128	0.294
16 CACM-1247	40	0.125	0.294
16 CACM-2372	41	0.122	0.294
16 CACM-2688	42	0.119	0.294
16 CACM-2597	43	0.116	0.294
16 CACM-1677	44	0.114	0.294
16 CACM-3148	45	0.133	0.353
16 CACM-2168	46	0.13	0.353
16 CACM-2482	47	0.128	0.353
16 CACM-3025	48	0.125	0.353
16 CACM-3068	49	0.122	0.353
16 CACM-1752	50	0.12	0.353
16 CACM-0696	51	0.118	0.353
16 CACM-0855	52	0.115	0.353
16 CACM-1959	53	0.113	0.353
16 CACM-2840	54	0.111	0.353
16 CACM-1680	55	0.109	0.353
16 CACM-2519	56	0.107	0.353
16 CACM-2979	57	0.105	0.353
16 CACM-2949	58	0.103	0.353
16 CACM-2151	59	0.102	0.353
16 CACM-3028	60	0.1	0.353
16 CACM-2795	61	0.098	0.353
16 CACM-2947	62	0.097	0.353
16 CACM-1534	63	0.095	0.353
16 CACM-2160	64	0.094	0.353
16 CACM-2888	65	0.092	0.353
16 CACM-1698	66	0.091	0.353
16 CACM-1751	67	0.09	0.353

System 1

16 CACM-2297	68	0.088	0.353
16 CACM-1462	69	0.087	0.353
16 CACM-1541	70	0.086	0.353
16 CACM-2868	71	0.085	0.353
16 CACM-3078	72	0.083	0.353
16 CACM-1387	73	0.082	0.353
16 CACM-2741	74	0.081	0.353
16 CACM-1844	75	0.08	0.353
16 CACM-3073	76	0.092	0.412
16 CACM-0822	77	0.091	0.412
16 CACM-2198	78	0.09	0.412
16 CACM-3081	79	0.089	0.412
16 CACM-2138	80	0.087	0.412
16 CACM-1198	81	0.086	0.412
16 CACM-1098	82	0.085	0.412
16 CACM-1272	83	0.084	0.412
16 CACM-3043	84	0.083	0.412
16 CACM-2622	85	0.082	0.412
16 CACM-1719	86	0.081	0.412
16 CACM-3072	87	0.08	0.412
16 CACM-1385	88	0.08	0.412
16 CACM-1518	89	0.079	0.412
16 CACM-1226	90	0.078	0.412
16 CACM-2632	91	0.088	0.471
16 CACM-2777	92	0.087	0.471
16 CACM-3006	93	0.086	0.471
16 CACM-2357	94	0.085	0.471
16 CACM-3114	95	0.084	0.471
16 CACM-3157	96	0.083	0.471
16 CACM-2371	97	0.082	0.471
16 CACM-2525	98	0.082	0.471
16 CACM-1591	99	0.081	0.471
16 CACM-2535	100	0.08	0.471
17 CACM-1795	1	0	0
17 CACM-1947	2	0.5	0.062
17 CACM-1223	3	0.667	0.125
17 CACM-3080	4	0.5	0.125
17 CACM-2495	5	0.6	0.188
17 CACM-2897	6	0.5	0.188
17 CACM-1658	7	0.429	0.188
17 CACM-2253	8	0.375	0.188
17 CACM-2491	9	0.333	0.188
17 CACM-3054	10	0.3	0.188
17 CACM-2904	11	0.273	0.188
17 CACM-2748	12	0.25	0.188
17 CACM-2929	13	0.231	0.188
17 CACM-1676	14	0.214	0.188
17 CACM-1564	15	0.2	0.188
17 CACM-1807	16	0.25	0.25

System 1

17 CACM-1886	17	0.235	0.25
17 CACM-2464	18	0.222	0.25
17 CACM-1231	19	0.263	0.312
17 CACM-2835	20	0.25	0.312
17 CACM-2423	21	0.238	0.312
17 CACM-1134	22	0.273	0.375
17 CACM-3005	23	0.261	0.375
17 CACM-0048	24	0.25	0.375
17 CACM-2701	25	0.24	0.375
17 CACM-1362	26	0.231	0.375
17 CACM-2616	27	0.222	0.375
17 CACM-2858	28	0.214	0.375
17 CACM-1652	29	0.207	0.375
17 CACM-1523	30	0.2	0.375
17 CACM-2944	31	0.194	0.375
17 CACM-2834	32	0.188	0.375
17 CACM-2344	33	0.182	0.375
17 CACM-2433	34	0.176	0.375
17 CACM-2107	35	0.171	0.375
17 CACM-3066	36	0.167	0.375
17 CACM-1655	37	0.162	0.375
17 CACM-2533	38	0.158	0.375
17 CACM-2611	39	0.154	0.375
17 CACM-1756	40	0.15	0.375
17 CACM-3171	41	0.146	0.375
17 CACM-1973	42	0.143	0.375
17 CACM-1275	43	0.14	0.375
17 CACM-1670	44	0.136	0.375
17 CACM-2836	45	0.133	0.375
17 CACM-2964	46	0.13	0.375
17 CACM-1389	47	0.128	0.375
17 CACM-2680	48	0.125	0.375
17 CACM-1066	49	0.122	0.375
17 CACM-1992	50	0.12	0.375
17 CACM-2133	51	0.118	0.375
17 CACM-1331	52	0.115	0.375
17 CACM-1204	53	0.113	0.375
17 CACM-2716	54	0.111	0.375
17 CACM-3125	55	0.109	0.375
17 CACM-2537	56	0.107	0.375
17 CACM-0123	57	0.105	0.375
17 CACM-3173	58	0.103	0.375
17 CACM-3018	59	0.102	0.375
17 CACM-2411	60	0.1	0.375
17 CACM-1154	61	0.098	0.375
17 CACM-2138	62	0.097	0.375
17 CACM-1786	63	0.095	0.375
17 CACM-2812	64	0.094	0.375
17 CACM-2290	65	0.108	0.438

System 1

17 CACM-0797	66	0.106	0.438
17 CACM-1757	67	0.104	0.438
17 CACM-0195	68	0.103	0.438
17 CACM-1232	69	0.101	0.438
17 CACM-1542	70	0.1	0.438
17 CACM-1289	71	0.099	0.438
17 CACM-2888	72	0.097	0.438
17 CACM-2195	73	0.096	0.438
17 CACM-1064	74	0.095	0.438
17 CACM-1414	75	0.093	0.438
17 CACM-0230	76	0.092	0.438
17 CACM-2968	77	0.091	0.438
17 CACM-2801	78	0.09	0.438
17 CACM-1187	79	0.089	0.438
17 CACM-1402	80	0.087	0.438
17 CACM-1065	81	0.086	0.438
17 CACM-0066	82	0.085	0.438
17 CACM-0333	83	0.084	0.438
17 CACM-3175	84	0.083	0.438
17 CACM-0252	85	0.082	0.438
17 CACM-1195	86	0.081	0.438
17 CACM-0124	87	0.08	0.438
17 CACM-2877	88	0.08	0.438
17 CACM-3115	89	0.079	0.438
17 CACM-2134	90	0.078	0.438
17 CACM-2953	91	0.077	0.438
17 CACM-3150	92	0.076	0.438
17 CACM-1651	93	0.075	0.438
17 CACM-2586	94	0.085	0.5
17 CACM-0693	95	0.084	0.5
17 CACM-2969	96	0.083	0.5
17 CACM-2579	97	0.093	0.562
17 CACM-2552	98	0.092	0.562
17 CACM-1719	99	0.091	0.562
17 CACM-1551	100	0.1	0.625
18 CACM-3075	1	0	0
18 CACM-2685	2	0.5	0.091
18 CACM-1795	3	0.333	0.091
18 CACM-2714	4	0.25	0.091
18 CACM-1158	5	0.4	0.182
18 CACM-3156	6	0.333	0.182
18 CACM-2896	7	0.286	0.182
18 CACM-2723	8	0.25	0.182
18 CACM-2570	9	0.222	0.182
18 CACM-3059	10	0.2	0.182
18 CACM-2266	11	0.182	0.182
18 CACM-2865	12	0.167	0.182
18 CACM-2433	13	0.231	0.273
18 CACM-2401	14	0.214	0.273

System 1

18 CACM-1262	15	0.267	0.364
18 CACM-2785	16	0.25	0.364
18 CACM-2973	17	0.235	0.364
18 CACM-1828	18	0.222	0.364
18 CACM-1811	19	0.263	0.455
18 CACM-2175	20	0.3	0.545
18 CACM-1601	21	0.286	0.545
18 CACM-2289	22	0.273	0.545
18 CACM-2895	23	0.261	0.545
18 CACM-0082	24	0.25	0.545
18 CACM-1468	25	0.24	0.545
18 CACM-1569	26	0.231	0.545
18 CACM-0950	27	0.222	0.545
18 CACM-1613	28	0.25	0.636
18 CACM-1603	29	0.241	0.636
18 CACM-2342	30	0.233	0.636
18 CACM-1825	31	0.226	0.636
18 CACM-2138	32	0.219	0.636
18 CACM-1959	33	0.212	0.636
18 CACM-1471	34	0.235	0.727
18 CACM-1536	35	0.229	0.727
18 CACM-1302	36	0.222	0.727
18 CACM-2851	37	0.216	0.727
18 CACM-0320	38	0.211	0.727
18 CACM-2195	39	0.205	0.727
18 CACM-0249	40	0.2	0.727
18 CACM-2557	41	0.195	0.727
18 CACM-1159	42	0.19	0.727
18 CACM-1684	43	0.186	0.727
18 CACM-2897	44	0.182	0.727
18 CACM-1957	45	0.178	0.727
18 CACM-1409	46	0.174	0.727
18 CACM-1591	47	0.17	0.727
18 CACM-1747	48	0.167	0.727
18 CACM-1523	49	0.163	0.727
18 CACM-1554	50	0.16	0.727
18 CACM-2064	51	0.157	0.727
18 CACM-3175	52	0.154	0.727
18 CACM-1665	53	0.151	0.727
18 CACM-1988	54	0.148	0.727
18 CACM-1204	55	0.145	0.727
18 CACM-0243	56	0.143	0.727
18 CACM-2497	57	0.14	0.727
18 CACM-2838	58	0.138	0.727
18 CACM-2495	59	0.136	0.727
18 CACM-2423	60	0.133	0.727
18 CACM-0670	61	0.131	0.727
18 CACM-2111	62	0.129	0.727
18 CACM-1928	63	0.127	0.727

System 1

18 CACM-2298	64	0.125	0.727
18 CACM-0637	65	0.123	0.727
18 CACM-3110	66	0.121	0.727
18 CACM-2898	67	0.119	0.727
18 CACM-0048	68	0.118	0.727
18 CACM-1331	69	0.116	0.727
18 CACM-2843	70	0.114	0.727
18 CACM-2819	71	0.113	0.727
18 CACM-1275	72	0.111	0.727
18 CACM-3005	73	0.11	0.727
18 CACM-0695	74	0.108	0.727
18 CACM-2449	75	0.107	0.727
18 CACM-1008	76	0.105	0.727
18 CACM-2534	77	0.104	0.727
18 CACM-0124	78	0.103	0.727
18 CACM-1389	79	0.101	0.727
18 CACM-1362	80	0.1	0.727
18 CACM-2112	81	0.099	0.727
18 CACM-0303	82	0.098	0.727
18 CACM-2748	83	0.096	0.727
18 CACM-1854	84	0.095	0.727
18 CACM-3080	85	0.094	0.727
18 CACM-1548	86	0.093	0.727
18 CACM-2567	87	0.092	0.727
18 CACM-1066	88	0.091	0.727
18 CACM-2166	89	0.09	0.727
18 CACM-0848	90	0.089	0.727
18 CACM-1200	91	0.088	0.727
18 CACM-1476	92	0.087	0.727
18 CACM-3093	93	0.086	0.727
18 CACM-2114	94	0.085	0.727
18 CACM-3088	95	0.084	0.727
18 CACM-1770	96	0.083	0.727
18 CACM-3131	97	0.082	0.727
18 CACM-2692	98	0.082	0.727
18 CACM-2633	99	0.081	0.727
18 CACM-2700	100	0.08	0.727
19 CACM-2973	1	1	0.091
19 CACM-3075	2	1	0.182
19 CACM-2266	3	1	0.273
19 CACM-1601	4	1	0.364
19 CACM-3156	5	1	0.455
19 CACM-0950	6	0.833	0.455
19 CACM-2557	7	0.714	0.455
19 CACM-1468	8	0.625	0.455
19 CACM-2714	9	0.667	0.545
19 CACM-2685	10	0.6	0.545
19 CACM-1262	11	0.545	0.545
19 CACM-2700	12	0.5	0.545

System 1

19 CACM-2896	13	0.462	0.545
19 CACM-2570	14	0.429	0.545
19 CACM-2838	15	0.4	0.545
19 CACM-1158	16	0.375	0.545
19 CACM-2289	17	0.353	0.545
19 CACM-2785	18	0.333	0.545
19 CACM-2433	19	0.316	0.545
19 CACM-0141	20	0.3	0.545
19 CACM-0392	21	0.286	0.545
19 CACM-1302	22	0.273	0.545
19 CACM-1828	23	0.261	0.545
19 CACM-2182	24	0.25	0.545
19 CACM-2895	25	0.24	0.545
19 CACM-2342	26	0.231	0.545
19 CACM-1795	27	0.222	0.545
19 CACM-2865	28	0.214	0.545
19 CACM-2401	29	0.207	0.545
19 CACM-1957	30	0.2	0.545
19 CACM-2114	31	0.194	0.545
19 CACM-3059	32	0.188	0.545
19 CACM-3073	33	0.182	0.545
19 CACM-2175	34	0.176	0.545
19 CACM-2080	35	0.171	0.545
19 CACM-2195	36	0.167	0.545
19 CACM-2851	37	0.162	0.545
19 CACM-1846	38	0.158	0.545
19 CACM-1569	39	0.154	0.545
19 CACM-2692	40	0.15	0.545
19 CACM-1747	41	0.146	0.545
19 CACM-3044	42	0.143	0.545
19 CACM-2740	43	0.14	0.545
19 CACM-2723	44	0.136	0.545
19 CACM-2727	45	0.133	0.545
19 CACM-1008	46	0.13	0.545
19 CACM-2884	47	0.128	0.545
19 CACM-2325	48	0.125	0.545
19 CACM-0371	49	0.122	0.545
19 CACM-1200	50	0.12	0.545
19 CACM-3166	51	0.118	0.545
19 CACM-2226	52	0.115	0.545
19 CACM-1471	53	0.113	0.545
19 CACM-1554	54	0.111	0.545
19 CACM-2950	55	0.109	0.545
19 CACM-2514	56	0.107	0.545
19 CACM-2902	57	0.105	0.545
19 CACM-1551	58	0.103	0.545
19 CACM-3006	59	0.102	0.545
19 CACM-1658	60	0.1	0.545
19 CACM-2903	61	0.098	0.545

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19 CACM-2863	62	0.097	0.545
19 CACM-1796	63	0.095	0.545
19 CACM-2283	64	0.094	0.545
19 CACM-2273	65	0.092	0.545
19 CACM-2146	66	0.091	0.545
19 CACM-1603	67	0.09	0.545
19 CACM-1341	68	0.088	0.545
19 CACM-1960	69	0.087	0.545
19 CACM-1536	70	0.086	0.545
19 CACM-1924	71	0.085	0.545
19 CACM-1873	72	0.083	0.545
19 CACM-2767	73	0.082	0.545
19 CACM-2819	74	0.081	0.545
19 CACM-2007	75	0.08	0.545
19 CACM-2627	76	0.079	0.545
19 CACM-1952	77	0.078	0.545
19 CACM-1660	78	0.077	0.545
19 CACM-3175	79	0.089	0.636
19 CACM-1342	80	0.087	0.636
19 CACM-0320	81	0.086	0.636
19 CACM-1613	82	0.085	0.636
19 CACM-0804	83	0.084	0.636
19 CACM-0270	84	0.083	0.636
19 CACM-2490	85	0.082	0.636
19 CACM-2376	86	0.081	0.636
19 CACM-2674	87	0.08	0.636
19 CACM-1392	88	0.08	0.636
19 CACM-2272	89	0.079	0.636
19 CACM-1374	90	0.078	0.636
19 CACM-2417	91	0.077	0.636
19 CACM-2630	92	0.076	0.636
19 CACM-2997	93	0.075	0.636
19 CACM-2679	94	0.074	0.636
19 CACM-1529	95	0.074	0.636
19 CACM-2725	96	0.073	0.636
19 CACM-2830	97	0.072	0.636
19 CACM-2263	98	0.071	0.636
19 CACM-1953	99	0.071	0.636
19 CACM-1851	100	0.07	0.636
20 CACM-2695	1	1	0.333
20 CACM-2986	2	1	0.667
20 CACM-2769	3	0.667	0.667
20 CACM-2630	4	0.5	0.667
20 CACM-2490	5	0.4	0.667
20 CACM-2368	6	0.333	0.667
20 CACM-2780	7	0.286	0.667
20 CACM-2289	8	0.25	0.667
20 CACM-3139	9	0.222	0.667
20 CACM-2484	10	0.2	0.667

System 1

20 CACM-2177	11	0.182	0.667
20 CACM-2290	12	0.167	0.667
20 CACM-2506	13	0.154	0.667
20 CACM-2199	14	0.143	0.667
20 CACM-2172	15	0.133	0.667
20 CACM-2052	16	0.125	0.667
20 CACM-1961	17	0.118	0.667
20 CACM-3156	18	0.111	0.667
20 CACM-2934	19	0.105	0.667
20 CACM-1847	20	0.1	0.667
20 CACM-2430	21	0.095	0.667
20 CACM-2752	22	0.091	0.667
20 CACM-1457	23	0.087	0.667
20 CACM-2619	24	0.083	0.667
20 CACM-3152	25	0.08	0.667
20 CACM-2877	26	0.077	0.667
20 CACM-3018	27	0.074	0.667
20 CACM-1504	28	0.071	0.667
20 CACM-3176	29	0.069	0.667
20 CACM-2059	30	0.067	0.667
20 CACM-2015	31	0.065	0.667
20 CACM-2442	32	0.062	0.667
20 CACM-2883	33	0.061	0.667
20 CACM-2980	34	0.059	0.667
20 CACM-2461	35	0.057	0.667
20 CACM-1481	36	0.056	0.667
20 CACM-1047	37	0.054	0.667
20 CACM-2081	38	0.053	0.667
20 CACM-2790	39	0.051	0.667
20 CACM-1983	40	0.05	0.667
20 CACM-2161	41	0.049	0.667
20 CACM-2178	42	0.048	0.667
20 CACM-3124	43	0.047	0.667
20 CACM-1707	44	0.045	0.667
20 CACM-2405	45	0.044	0.667
20 CACM-2805	46	0.043	0.667
20 CACM-1822	47	0.043	0.667
20 CACM-3115	48	0.042	0.667
20 CACM-1963	49	0.041	0.667
20 CACM-3040	50	0.04	0.667
20 CACM-0661	51	0.039	0.667
20 CACM-2763	52	0.038	0.667
20 CACM-2134	53	0.038	0.667
20 CACM-2189	54	0.037	0.667
20 CACM-1787	55	0.036	0.667
20 CACM-2444	56	0.036	0.667
20 CACM-1563	57	0.053	1
20 CACM-0955	58	0.052	1
20 CACM-2806	59	0.051	1

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20 CACM-2335	60	0.05	1
20 CACM-1876	61	0.049	1
20 CACM-2701	62	0.048	1
20 CACM-2758	63	0.048	1
20 CACM-2133	64	0.047	1
20 CACM-2554	65	0.046	1
20 CACM-2557	66	0.045	1
20 CACM-1924	67	0.045	1
20 CACM-1116	68	0.044	1
20 CACM-1501	69	0.043	1
20 CACM-2568	70	0.043	1
20 CACM-1432	71	0.042	1
20 CACM-2824	72	0.042	1
20 CACM-1683	73	0.041	1
20 CACM-0070	74	0.041	1
20 CACM-1935	75	0.04	1
20 CACM-1347	76	0.039	1
20 CACM-0749	77	0.039	1
20 CACM-0315	78	0.038	1
20 CACM-3085	79	0.038	1
20 CACM-1947	80	0.037	1
20 CACM-0349	81	0.037	1
20 CACM-1934	82	0.037	1
20 CACM-2778	83	0.036	1
20 CACM-0635	84	0.036	1
20 CACM-0936	85	0.035	1
20 CACM-0956	86	0.035	1
20 CACM-0777	87	0.034	1
20 CACM-0256	88	0.034	1
20 CACM-0285	89	0.034	1
20 CACM-0896	90	0.033	1
20 CACM-1151	91	0.033	1
20 CACM-0511	92	0.033	1
20 CACM-0301	93	0.032	1
20 CACM-1423	94	0.032	1
20 CACM-2803	95	0.032	1
20 CACM-0496	96	0.031	1
20 CACM-0660	97	0.031	1
20 CACM-2155	98	0.031	1
20 CACM-0751	99	0.03	1
20 CACM-2787	100	0.03	1
21 CACM-2337	1	0	0
21 CACM-2325	2	0	0
21 CACM-2997	3	0	0
21 CACM-3086	4	0	0
21 CACM-2932	5	0.2	0.091
21 CACM-2837	6	0.167	0.091
21 CACM-2927	7	0.143	0.091
21 CACM-2110	8	0.125	0.091

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21 CACM-3131	9	0.111	0.091
21 CACM-1309	10	0.1	0.091
21 CACM-3018	11	0.182	0.182
21 CACM-2454	12	0.167	0.182
21 CACM-1658	13	0.154	0.182
21 CACM-2828	14	0.143	0.182
21 CACM-3055	15	0.133	0.182
21 CACM-2702	16	0.188	0.273
21 CACM-2936	17	0.176	0.273
21 CACM-2950	18	0.167	0.273
21 CACM-2743	19	0.158	0.273
21 CACM-2784	20	0.15	0.273
21 CACM-3163	21	0.143	0.273
21 CACM-1659	22	0.136	0.273
21 CACM-2903	23	0.13	0.273
21 CACM-2953	24	0.125	0.273
21 CACM-1619	25	0.12	0.273
21 CACM-3037	26	0.115	0.273
21 CACM-2938	27	0.111	0.273
21 CACM-2986	28	0.107	0.273
21 CACM-2679	29	0.103	0.273
21 CACM-2216	30	0.1	0.273
21 CACM-2251	31	0.097	0.273
21 CACM-0371	32	0.094	0.273
21 CACM-2766	33	0.091	0.273
21 CACM-3166	34	0.088	0.273
21 CACM-2855	35	0.086	0.273
21 CACM-3070	36	0.083	0.273
21 CACM-3032	37	0.081	0.273
21 CACM-2289	38	0.079	0.273
21 CACM-3150	39	0.077	0.273
21 CACM-2706	40	0.075	0.273
21 CACM-2457	41	0.073	0.273
21 CACM-2365	42	0.071	0.273
21 CACM-3162	43	0.07	0.273
21 CACM-2882	44	0.068	0.273
21 CACM-3006	45	0.067	0.273
21 CACM-2499	46	0.065	0.273
21 CACM-2746	47	0.064	0.273
21 CACM-2092	48	0.062	0.273
21 CACM-1957	49	0.061	0.273
21 CACM-2283	50	0.06	0.273
21 CACM-3045	51	0.059	0.273
21 CACM-2645	52	0.058	0.273
21 CACM-1719	53	0.057	0.273
21 CACM-2226	54	0.056	0.273
21 CACM-2272	55	0.055	0.273
21 CACM-3140	56	0.054	0.273
21 CACM-2033	57	0.053	0.273

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21 CACM-0409	58	0.052	0.273
21 CACM-2490	59	0.068	0.364
21 CACM-2771	60	0.067	0.364
21 CACM-1392	61	0.066	0.364
21 CACM-2627	62	0.065	0.364
21 CACM-2504	63	0.063	0.364
21 CACM-2628	64	0.062	0.364
21 CACM-2874	65	0.062	0.364
21 CACM-2389	66	0.061	0.364
21 CACM-2146	67	0.06	0.364
21 CACM-2884	68	0.059	0.364
21 CACM-2819	69	0.058	0.364
21 CACM-2035	70	0.057	0.364
21 CACM-1462	71	0.056	0.364
21 CACM-2703	72	0.069	0.455
21 CACM-2968	73	0.068	0.455
21 CACM-2863	74	0.068	0.455
21 CACM-2765	75	0.067	0.455
21 CACM-2417	76	0.066	0.455
21 CACM-2236	77	0.065	0.455
21 CACM-1886	78	0.064	0.455
21 CACM-1529	79	0.063	0.455
21 CACM-1924	80	0.062	0.455
21 CACM-1465	81	0.062	0.455
21 CACM-1404	82	0.061	0.455
21 CACM-2263	83	0.06	0.455
21 CACM-1752	84	0.06	0.455
21 CACM-2799	85	0.059	0.455
21 CACM-2313	86	0.058	0.455
21 CACM-1491	87	0.057	0.455
21 CACM-2276	88	0.057	0.455
21 CACM-2892	89	0.056	0.455
21 CACM-2267	90	0.056	0.455
21 CACM-3046	91	0.055	0.455
21 CACM-2273	92	0.054	0.455
21 CACM-2127	93	0.054	0.455
21 CACM-1766	94	0.053	0.455
21 CACM-2834	95	0.053	0.455
21 CACM-2505	96	0.052	0.455
21 CACM-3069	97	0.052	0.455
21 CACM-1551	98	0.051	0.455
21 CACM-2764	99	0.051	0.455
21 CACM-1035	100	0.05	0.455
22 CACM-2473	1	1	0.059
22 CACM-2384	2	1	0.118
22 CACM-2638	3	1	0.176
22 CACM-2441	4	1	0.235
22 CACM-2637	5	1	0.294
22 CACM-2564	6	1	0.353

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22 CACM-2913	7	0.857	0.353
22 CACM-2674	8	0.75	0.353
22 CACM-2678	9	0.778	0.412
22 CACM-2692	10	0.8	0.471
22 CACM-2924	11	0.727	0.471
22 CACM-2402	12	0.667	0.471
22 CACM-1741	13	0.615	0.471
22 CACM-2188	14	0.571	0.471
22 CACM-1978	15	0.533	0.471
22 CACM-2825	16	0.5	0.471
22 CACM-2687	17	0.471	0.471
22 CACM-2004	18	0.444	0.471
22 CACM-3049	19	0.421	0.471
22 CACM-2211	20	0.4	0.471
22 CACM-1742	21	0.381	0.471
22 CACM-2152	22	0.364	0.471
22 CACM-2078	23	0.348	0.471
22 CACM-0266	24	0.333	0.471
22 CACM-2369	25	0.36	0.529
22 CACM-3149	26	0.385	0.588
22 CACM-2751	27	0.407	0.647
22 CACM-2771	28	0.393	0.647
22 CACM-2845	29	0.379	0.647
22 CACM-2486	30	0.367	0.647
22 CACM-2967	31	0.355	0.647
22 CACM-0087	32	0.344	0.647
22 CACM-1551	33	0.333	0.647
22 CACM-2367	34	0.324	0.647
22 CACM-2201	35	0.314	0.647
22 CACM-1891	36	0.306	0.647
22 CACM-3116	37	0.324	0.706
22 CACM-2826	38	0.316	0.706
22 CACM-2325	39	0.308	0.706
22 CACM-2820	40	0.3	0.706
22 CACM-2003	41	0.293	0.706
22 CACM-2494	42	0.286	0.706
22 CACM-1014	43	0.279	0.706
22 CACM-0188	44	0.273	0.706
22 CACM-2547	45	0.267	0.706
22 CACM-2827	46	0.283	0.765
22 CACM-2959	47	0.277	0.765
22 CACM-2902	48	0.271	0.765
22 CACM-2421	49	0.265	0.765
22 CACM-2426	50	0.26	0.765
22 CACM-1697	51	0.255	0.765
22 CACM-2994	52	0.25	0.765
22 CACM-2873	53	0.245	0.765
22 CACM-1172	54	0.241	0.765
22 CACM-1796	55	0.236	0.765

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22 CACM-2273	56	0.232	0.765
22 CACM-2973	57	0.228	0.765
22 CACM-2708	58	0.224	0.765
22 CACM-2829	59	0.237	0.824
22 CACM-1181	60	0.233	0.824
22 CACM-1658	61	0.23	0.824
22 CACM-2919	62	0.226	0.824
22 CACM-1915	63	0.222	0.824
22 CACM-2306	64	0.219	0.824
22 CACM-2553	65	0.215	0.824
22 CACM-1373	66	0.212	0.824
22 CACM-1735	67	0.209	0.824
22 CACM-3111	68	0.206	0.824
22 CACM-2368	69	0.203	0.824
22 CACM-2672	70	0.2	0.824
22 CACM-1844	71	0.197	0.824
22 CACM-3032	72	0.194	0.824
22 CACM-1680	73	0.192	0.824
22 CACM-2226	74	0.189	0.824
22 CACM-2925	75	0.187	0.824
22 CACM-2341	76	0.184	0.824
22 CACM-0217	77	0.182	0.824
22 CACM-2329	78	0.179	0.824
22 CACM-0557	79	0.177	0.824
22 CACM-2007	80	0.175	0.824
22 CACM-2502	81	0.173	0.824
22 CACM-0859	82	0.171	0.824
22 CACM-1000	83	0.169	0.824
22 CACM-1660	84	0.167	0.824
22 CACM-1952	85	0.165	0.824
22 CACM-0725	86	0.163	0.824
22 CACM-0998	87	0.161	0.824
22 CACM-0037	88	0.159	0.824
22 CACM-0237	89	0.157	0.824
22 CACM-1342	90	0.156	0.824
22 CACM-0436	91	0.154	0.824
22 CACM-0997	92	0.152	0.824
22 CACM-2503	93	0.151	0.824
22 CACM-1103	94	0.149	0.824
22 CACM-2573	95	0.147	0.824
22 CACM-0270	96	0.146	0.824
22 CACM-0482	97	0.144	0.824
22 CACM-1208	98	0.143	0.824
22 CACM-2755	99	0.141	0.824
22 CACM-3029	100	0.14	0.824
23 CACM-3148	1	1	0.25
23 CACM-2849	2	1	0.5
23 CACM-3137	3	1	0.75
23 CACM-1745	4	0.75	0.75

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23 CACM-3043	5	0.6	0.75
23 CACM-3082	6	0.5	0.75
23 CACM-2949	7	0.429	0.75
23 CACM-2578	8	0.5	1
23 CACM-2276	9	0.444	1
23 CACM-0052	10	0.4	1
23 CACM-0088	11	0.364	1
23 CACM-1153	12	0.333	1
23 CACM-1780	13	0.308	1
23 CACM-2816	14	0.286	1
23 CACM-3128	15	0.267	1
23 CACM-1862	16	0.25	1
23 CACM-2197	17	0.235	1
23 CACM-3011	18	0.222	1
23 CACM-2371	19	0.211	1
23 CACM-1525	20	0.2	1
23 CACM-1224	21	0.19	1
23 CACM-2406	22	0.182	1
23 CACM-2926	23	0.174	1
23 CACM-3035	24	0.167	1
23 CACM-3090	25	0.16	1
23 CACM-1889	26	0.154	1
23 CACM-2969	27	0.148	1
23 CACM-2810	28	0.143	1
23 CACM-3158	29	0.138	1
23 CACM-3141	30	0.133	1
23 CACM-2357	31	0.129	1
23 CACM-1411	32	0.125	1
23 CACM-2900	33	0.121	1
23 CACM-3025	34	0.118	1
23 CACM-2756	35	0.114	1
23 CACM-2373	36	0.111	1
23 CACM-2822	37	0.108	1
23 CACM-3084	38	0.105	1
23 CACM-2780	39	0.103	1
23 CACM-1010	40	0.1	1
23 CACM-2311	41	0.098	1
23 CACM-1604	42	0.095	1
23 CACM-2615	43	0.093	1
23 CACM-2741	44	0.091	1
23 CACM-2216	45	0.089	1
23 CACM-0072	46	0.087	1
23 CACM-1105	47	0.085	1
23 CACM-2355	48	0.083	1
23 CACM-0147	49	0.082	1
23 CACM-2890	50	0.08	1
23 CACM-0830	51	0.078	1
23 CACM-1946	52	0.077	1
23 CACM-2951	53	0.075	1

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23 CACM-1747	54	0.074	1
23 CACM-1438	55	0.073	1
23 CACM-3086	56	0.071	1
23 CACM-2630	57	0.07	1
23 CACM-2596	58	0.069	1
23 CACM-1349	59	0.068	1
23 CACM-2387	60	0.067	1
23 CACM-0481	61	0.066	1
23 CACM-0080	62	0.065	1
23 CACM-0300	63	0.063	1
23 CACM-1417	64	0.062	1
23 CACM-2169	65	0.062	1
23 CACM-2745	66	0.061	1
23 CACM-2934	67	0.06	1
23 CACM-1810	68	0.059	1
23 CACM-2883	69	0.058	1
23 CACM-1472	70	0.057	1
23 CACM-2454	71	0.056	1
23 CACM-2834	72	0.056	1
23 CACM-1873	73	0.055	1
23 CACM-2081	74	0.054	1
23 CACM-0111	75	0.053	1
23 CACM-1109	76	0.053	1
23 CACM-2685	77	0.052	1
23 CACM-2999	78	0.051	1
23 CACM-0759	79	0.051	1
23 CACM-2743	80	0.05	1
23 CACM-2130	81	0.049	1
23 CACM-1471	82	0.049	1
23 CACM-1186	83	0.048	1
23 CACM-0096	84	0.048	1
23 CACM-1765	85	0.047	1
23 CACM-0069	86	0.047	1
23 CACM-1363	87	0.046	1
23 CACM-2808	88	0.045	1
23 CACM-2020	89	0.045	1
23 CACM-3077	90	0.044	1
23 CACM-1571	91	0.044	1
23 CACM-1031	92	0.043	1
23 CACM-1262	93	0.043	1
23 CACM-1645	94	0.043	1
23 CACM-0103	95	0.042	1
23 CACM-2656	96	0.042	1
23 CACM-2527	97	0.041	1
23 CACM-2147	98	0.041	1
23 CACM-3166	99	0.04	1
23 CACM-0755	100	0.04	1
24 CACM-1696	1	1	0.077
24 CACM-0268	2	0.5	0.077

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24 CACM-1410	3	0.333	0.077
24 CACM-2882	4	0.25	0.077
24 CACM-1540	5	0.2	0.077
24 CACM-1435	6	0.167	0.077
24 CACM-2742	7	0.143	0.077
24 CACM-1194	8	0.125	0.077
24 CACM-0020	9	0.111	0.077
24 CACM-1892	10	0.2	0.154
24 CACM-2767	11	0.182	0.154
24 CACM-1235	12	0.167	0.154
24 CACM-3043	13	0.154	0.154
24 CACM-2535	14	0.143	0.154
24 CACM-2342	15	0.133	0.154
24 CACM-2376	16	0.125	0.154
24 CACM-2740	17	0.118	0.154
24 CACM-0942	18	0.111	0.154
24 CACM-0412	19	0.105	0.154
24 CACM-3141	20	0.1	0.154
24 CACM-1749	21	0.095	0.154
24 CACM-2320	22	0.091	0.154
24 CACM-2371	23	0.087	0.154
24 CACM-3120	24	0.083	0.154
24 CACM-1846	25	0.08	0.154
24 CACM-1748	26	0.077	0.154
24 CACM-2672	27	0.074	0.154
24 CACM-3128	28	0.071	0.154
24 CACM-2255	29	0.069	0.154
24 CACM-2504	30	0.067	0.154
24 CACM-2378	31	0.065	0.154
24 CACM-3073	32	0.062	0.154
24 CACM-2228	33	0.061	0.154
24 CACM-1753	34	0.059	0.154
24 CACM-2080	35	0.057	0.154
24 CACM-0293	36	0.056	0.154
24 CACM-2150	37	0.054	0.154
24 CACM-0618	38	0.053	0.154
24 CACM-0927	39	0.051	0.154
24 CACM-2912	40	0.05	0.154
24 CACM-3039	41	0.049	0.154
24 CACM-2844	42	0.048	0.154
24 CACM-3078	43	0.07	0.231
24 CACM-2920	44	0.068	0.231
24 CACM-1198	45	0.067	0.231
24 CACM-3184	46	0.065	0.231
24 CACM-1441	47	0.064	0.231
24 CACM-1135	48	0.062	0.231
24 CACM-1272	49	0.061	0.231
24 CACM-1438	50	0.06	0.231
24 CACM-1541	51	0.059	0.231

System 1

24 CACM-0825	52	0.058	0.231
24 CACM-2895	53	0.057	0.231
24 CACM-1563	54	0.056	0.231
24 CACM-3020	55	0.055	0.231
24 CACM-2705	56	0.054	0.231
24 CACM-2327	57	0.053	0.231
24 CACM-1587	58	0.052	0.231
24 CACM-1673	59	0.051	0.231
24 CACM-0224	60	0.05	0.231
24 CACM-2409	61	0.049	0.231
24 CACM-1458	62	0.048	0.231
24 CACM-2210	63	0.048	0.231
24 CACM-2848	64	0.047	0.231
24 CACM-1960	65	0.046	0.231
24 CACM-2581	66	0.045	0.231
24 CACM-1110	67	0.045	0.231
24 CACM-1008	68	0.044	0.231
24 CACM-2203	69	0.043	0.231
24 CACM-1199	70	0.043	0.231
24 CACM-1631	71	0.042	0.231
24 CACM-1707	72	0.042	0.231
24 CACM-1233	73	0.041	0.231
24 CACM-2185	74	0.041	0.231
24 CACM-1383	75	0.04	0.231
24 CACM-3140	76	0.039	0.231
24 CACM-1828	77	0.039	0.231
24 CACM-1886	78	0.038	0.231
24 CACM-0111	79	0.038	0.231
24 CACM-2519	80	0.037	0.231
24 CACM-1382	81	0.037	0.231
24 CACM-2629	82	0.037	0.231
24 CACM-1518	83	0.036	0.231
24 CACM-3127	84	0.036	0.231
24 CACM-1554	85	0.035	0.231
24 CACM-2836	86	0.035	0.231
24 CACM-3056	87	0.034	0.231
24 CACM-1216	88	0.034	0.231
24 CACM-2717	89	0.034	0.231
24 CACM-1678	90	0.033	0.231
24 CACM-2866	91	0.033	0.231
24 CACM-2777	92	0.033	0.231
24 CACM-2953	93	0.032	0.231
24 CACM-1535	94	0.032	0.231
24 CACM-1947	95	0.032	0.231
24 CACM-2379	96	0.031	0.231
24 CACM-1809	97	0.031	0.231
24 CACM-2900	98	0.031	0.231
24 CACM-0095	99	0.03	0.231
24 CACM-0298	100	0.03	0.231

System 1

25 CACM-2318	1	1	0.02
25 CACM-3119	2	1	0.039
25 CACM-1653	3	1	0.059
25 CACM-3089	4	1	0.078
25 CACM-2319	5	1	0.098
25 CACM-2812	6	0.833	0.098
25 CACM-2984	7	0.857	0.118
25 CACM-2741	8	0.875	0.137
25 CACM-1719	9	0.889	0.157
25 CACM-2542	10	0.8	0.157
25 CACM-2268	11	0.727	0.157
25 CACM-3136	12	0.667	0.157
25 CACM-1908	13	0.615	0.157
25 CACM-1938	14	0.571	0.157
25 CACM-2988	15	0.6	0.176
25 CACM-3070	16	0.562	0.176
25 CACM-2634	17	0.529	0.176
25 CACM-2882	18	0.5	0.176
25 CACM-1267	19	0.474	0.176
25 CACM-2990	20	0.45	0.176
25 CACM-2798	21	0.476	0.196
25 CACM-3048	22	0.5	0.216
25 CACM-2375	23	0.478	0.216
25 CACM-2344	24	0.458	0.216
25 CACM-1827	25	0.44	0.216
25 CACM-2017	26	0.423	0.216
25 CACM-2151	27	0.407	0.216
25 CACM-1518	28	0.429	0.235
25 CACM-2894	29	0.414	0.235
25 CACM-2535	30	0.433	0.255
25 CACM-1792	31	0.419	0.255
25 CACM-3028	32	0.406	0.255
25 CACM-2522	33	0.394	0.255
25 CACM-1032	34	0.382	0.255
25 CACM-2452	35	0.4	0.275
25 CACM-2951	36	0.389	0.275
25 CACM-1750	37	0.378	0.275
25 CACM-2765	38	0.395	0.294
25 CACM-3072	39	0.385	0.294
25 CACM-2298	40	0.375	0.294
25 CACM-2852	41	0.366	0.294
25 CACM-2016	42	0.357	0.294
25 CACM-1728	43	0.349	0.294
25 CACM-2892	44	0.341	0.294
25 CACM-3088	45	0.356	0.314
25 CACM-2571	46	0.348	0.314
25 CACM-2859	47	0.362	0.333
25 CACM-1572	48	0.375	0.353
25 CACM-2317	49	0.367	0.353

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25 CACM-1347	50	0.36	0.353
25 CACM-1805	51	0.373	0.373
25 CACM-2669	52	0.385	0.392
25 CACM-3153	53	0.377	0.392
25 CACM-1699	54	0.37	0.392
25 CACM-1529	55	0.364	0.392
25 CACM-2679	56	0.357	0.392
25 CACM-1747	57	0.351	0.392
25 CACM-1341	58	0.345	0.392
25 CACM-1844	59	0.339	0.392
25 CACM-1030	60	0.333	0.392
25 CACM-2985	61	0.328	0.392
25 CACM-3091	62	0.323	0.392
25 CACM-1752	63	0.317	0.392
25 CACM-2719	64	0.312	0.392
25 CACM-2437	65	0.308	0.392
25 CACM-1901	66	0.318	0.412
25 CACM-3150	67	0.313	0.412
25 CACM-2314	68	0.309	0.412
25 CACM-0671	69	0.304	0.412
25 CACM-1247	70	0.3	0.412
25 CACM-2936	71	0.296	0.412
25 CACM-2325	72	0.292	0.412
25 CACM-0040	73	0.288	0.412
25 CACM-2106	74	0.284	0.412
25 CACM-2308	75	0.28	0.412
25 CACM-1542	76	0.276	0.412
25 CACM-0417	77	0.273	0.412
25 CACM-3025	78	0.269	0.412
25 CACM-1415	79	0.266	0.412
25 CACM-2967	80	0.263	0.412
25 CACM-1892	81	0.272	0.431
25 CACM-1926	82	0.268	0.431
25 CACM-1071	83	0.265	0.431
25 CACM-3182	84	0.262	0.431
25 CACM-0533	85	0.259	0.431
25 CACM-1324	86	0.256	0.431
25 CACM-2734	87	0.253	0.431
25 CACM-1196	88	0.25	0.431
25 CACM-1435	89	0.247	0.431
25 CACM-2406	90	0.244	0.431
25 CACM-3059	91	0.253	0.451
25 CACM-2849	92	0.25	0.451
25 CACM-3187	93	0.247	0.451
25 CACM-2111	94	0.245	0.451
25 CACM-0143	95	0.242	0.451
25 CACM-2479	96	0.24	0.451
25 CACM-2902	97	0.237	0.451
25 CACM-2163	98	0.235	0.451

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25 CACM-1748	99	0.232	0.451
25 CACM-2862	100	0.24	0.471
26 CACM-2626	1	0	0
26 CACM-2840	2	0	0
26 CACM-3068	3	0	0
26 CACM-3105	4	0	0
26 CACM-1750	5	0	0
26 CACM-2632	6	0.167	0.033
26 CACM-3128	7	0.286	0.067
26 CACM-2080	8	0.375	0.1
26 CACM-2372	9	0.333	0.1
26 CACM-2939	10	0.3	0.1
26 CACM-2320	11	0.364	0.133
26 CACM-1728	12	0.333	0.133
26 CACM-2317	13	0.308	0.133
26 CACM-2111	14	0.286	0.133
26 CACM-2867	15	0.267	0.133
26 CACM-1680	16	0.25	0.133
26 CACM-2377	17	0.235	0.133
26 CACM-2578	18	0.222	0.133
26 CACM-1677	19	0.211	0.133
26 CACM-1747	20	0.2	0.133
26 CACM-1591	21	0.19	0.133
26 CACM-2314	22	0.182	0.133
26 CACM-2036	23	0.174	0.133
26 CACM-3026	24	0.167	0.133
26 CACM-1247	25	0.16	0.133
26 CACM-2319	26	0.154	0.133
26 CACM-1461	27	0.148	0.133
26 CACM-2151	28	0.143	0.133
26 CACM-1341	29	0.138	0.133
26 CACM-2878	30	0.133	0.133
26 CACM-1476	31	0.129	0.133
26 CACM-2541	32	0.156	0.167
26 CACM-2597	33	0.182	0.2
26 CACM-2870	34	0.176	0.2
26 CACM-0059	35	0.171	0.2
26 CACM-0104	36	0.167	0.2
26 CACM-2424	37	0.162	0.2
26 CACM-3183	38	0.158	0.2
26 CACM-1290	39	0.154	0.2
26 CACM-3011	40	0.15	0.2
26 CACM-2558	41	0.146	0.2
26 CACM-3141	42	0.143	0.2
26 CACM-1462	43	0.14	0.2
26 CACM-0084	44	0.136	0.2
26 CACM-2938	45	0.156	0.233
26 CACM-2950	46	0.152	0.233
26 CACM-3025	47	0.149	0.233

System 1

26 CACM-2876	48	0.146	0.233
26 CACM-2379	49	0.163	0.267
26 CACM-2621	50	0.16	0.267
26 CACM-2888	51	0.157	0.267
26 CACM-2629	52	0.154	0.267
26 CACM-1751	53	0.151	0.267
26 CACM-3127	54	0.148	0.267
26 CACM-2358	55	0.145	0.267
26 CACM-1636	56	0.143	0.267
26 CACM-2321	57	0.14	0.267
26 CACM-0696	58	0.138	0.267
26 CACM-2985	59	0.136	0.267
26 CACM-0618	60	0.133	0.267
26 CACM-2138	61	0.131	0.267
26 CACM-2817	62	0.129	0.267
26 CACM-2821	63	0.127	0.267
26 CACM-0086	64	0.125	0.267
26 CACM-3028	65	0.123	0.267
26 CACM-1534	66	0.121	0.267
26 CACM-2297	67	0.119	0.267
26 CACM-2378	68	0.118	0.267
26 CACM-2522	69	0.116	0.267
26 CACM-1754	70	0.114	0.267
26 CACM-2482	71	0.113	0.267
26 CACM-2438	72	0.111	0.267
26 CACM-1236	73	0.11	0.267
26 CACM-0300	74	0.108	0.267
26 CACM-1951	75	0.107	0.267
26 CACM-2740	76	0.118	0.3
26 CACM-3153	77	0.117	0.3
26 CACM-2069	78	0.115	0.3
26 CACM-1463	79	0.114	0.3
26 CACM-2936	80	0.113	0.3
26 CACM-2624	81	0.111	0.3
26 CACM-1226	82	0.11	0.3
26 CACM-0251	83	0.108	0.3
26 CACM-1552	84	0.107	0.3
26 CACM-2374	85	0.106	0.3
26 CACM-3006	86	0.105	0.3
26 CACM-1264	87	0.103	0.3
26 CACM-3072	88	0.102	0.3
26 CACM-1892	89	0.101	0.3
26 CACM-2949	90	0.1	0.3
26 CACM-1752	91	0.099	0.3
26 CACM-1844	92	0.098	0.3
26 CACM-2184	93	0.097	0.3
26 CACM-1464	94	0.096	0.3
26 CACM-1033	95	0.095	0.3
26 CACM-0617	96	0.094	0.3

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26 CACM-3050	97	0.093	0.3
26 CACM-2849	98	0.092	0.3
26 CACM-0322	99	0.091	0.3
26 CACM-1199	100	0.09	0.3
27 CACM-2297	1	1	0.034
27 CACM-2988	2	1	0.069
27 CACM-2358	3	0.667	0.069
27 CACM-2902	4	0.75	0.103
27 CACM-1752	5	0.8	0.138
27 CACM-3006	6	0.667	0.138
27 CACM-2798	7	0.714	0.172
27 CACM-2669	8	0.75	0.207
27 CACM-1901	9	0.778	0.241
27 CACM-1892	10	0.7	0.241
27 CACM-2069	11	0.636	0.241
27 CACM-2859	12	0.667	0.276
27 CACM-3000	13	0.692	0.31
27 CACM-1728	14	0.643	0.31
27 CACM-1750	15	0.667	0.345
27 CACM-1924	16	0.625	0.345
27 CACM-1751	17	0.588	0.345
27 CACM-2867	18	0.556	0.345
27 CACM-2374	19	0.526	0.345
27 CACM-2864	20	0.55	0.379
27 CACM-1753	21	0.524	0.379
27 CACM-2481	22	0.545	0.414
27 CACM-2017	23	0.522	0.414
27 CACM-2262	24	0.5	0.414
27 CACM-3153	25	0.48	0.414
27 CACM-3067	26	0.462	0.414
27 CACM-1845	27	0.444	0.414
27 CACM-2319	28	0.429	0.414
27 CACM-2967	29	0.414	0.414
27 CACM-2372	30	0.4	0.414
27 CACM-1708	31	0.387	0.414
27 CACM-0855	32	0.375	0.414
27 CACM-1725	33	0.364	0.414
27 CACM-2625	34	0.353	0.414
27 CACM-1747	35	0.343	0.414
27 CACM-2311	36	0.333	0.414
27 CACM-2479	37	0.324	0.414
27 CACM-2582	38	0.316	0.414
27 CACM-2435	39	0.333	0.448
27 CACM-3011	40	0.325	0.448
27 CACM-1657	41	0.317	0.448
27 CACM-2681	42	0.31	0.448
27 CACM-2406	43	0.302	0.448
27 CACM-2928	44	0.295	0.448
27 CACM-2668	45	0.289	0.448

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27 CACM-2626	46	0.283	0.448
27 CACM-2868	47	0.277	0.448
27 CACM-2918	48	0.292	0.483
27 CACM-2740	49	0.286	0.483
27 CACM-2624	50	0.28	0.483
27 CACM-3068	51	0.275	0.483
27 CACM-2365	52	0.269	0.483
27 CACM-2526	53	0.264	0.483
27 CACM-1826	54	0.259	0.483
27 CACM-1959	55	0.255	0.483
27 CACM-0059	56	0.25	0.483
27 CACM-2852	57	0.246	0.483
27 CACM-2378	58	0.241	0.483
27 CACM-1677	59	0.237	0.483
27 CACM-2198	60	0.233	0.483
27 CACM-2863	61	0.23	0.483
27 CACM-0084	62	0.226	0.483
27 CACM-2985	63	0.222	0.483
27 CACM-2095	64	0.234	0.517
27 CACM-3118	65	0.231	0.517
27 CACM-1810	66	0.227	0.517
27 CACM-3050	67	0.224	0.517
27 CACM-1912	68	0.221	0.517
27 CACM-2396	69	0.217	0.517
27 CACM-0086	70	0.214	0.517
27 CACM-2379	71	0.211	0.517
27 CACM-2277	72	0.208	0.517
27 CACM-2343	73	0.205	0.517
27 CACM-1471	74	0.203	0.517
27 CACM-2516	75	0.2	0.517
27 CACM-1856	76	0.197	0.517
27 CACM-1641	77	0.208	0.552
27 CACM-1409	78	0.205	0.552
27 CACM-2818	79	0.215	0.586
27 CACM-2208	80	0.212	0.586
27 CACM-3092	81	0.21	0.586
27 CACM-2111	82	0.207	0.586
27 CACM-3142	83	0.205	0.586
27 CACM-2314	84	0.202	0.586
27 CACM-3072	85	0.2	0.586
27 CACM-3090	86	0.198	0.586
27 CACM-2596	87	0.207	0.621
27 CACM-0944	88	0.205	0.621
27 CACM-2163	89	0.202	0.621
27 CACM-3128	90	0.2	0.621
27 CACM-2106	91	0.198	0.621
27 CACM-1456	92	0.196	0.621
27 CACM-2646	93	0.194	0.621
27 CACM-1844	94	0.191	0.621

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27 CACM-1462	95	0.189	0.621
27 CACM-0940	96	0.188	0.621
27 CACM-1154	97	0.186	0.621
27 CACM-2978	98	0.184	0.621
27 CACM-3028	99	0.182	0.621
27 CACM-2407	100	0.18	0.621
28 CACM-3032	1	1	0.2
28 CACM-2949	2	1	0.4
28 CACM-2890	3	1	0.6
28 CACM-2892	4	0.75	0.6
28 CACM-2849	5	0.8	0.8
28 CACM-1685	6	0.667	0.8
28 CACM-2776	7	0.571	0.8
28 CACM-3158	8	0.5	0.8
28 CACM-2197	9	0.444	0.8
28 CACM-1928	10	0.4	0.8
28 CACM-2951	11	0.364	0.8
28 CACM-2515	12	0.333	0.8
28 CACM-2969	13	0.308	0.8
28 CACM-1723	14	0.286	0.8
28 CACM-2371	15	0.267	0.8
28 CACM-0441	16	0.25	0.8
28 CACM-0828	17	0.235	0.8
28 CACM-3040	18	0.222	0.8
28 CACM-1695	19	0.211	0.8
28 CACM-2712	20	0.2	0.8
28 CACM-1989	21	0.19	0.8
28 CACM-2274	22	0.182	0.8
28 CACM-3133	23	0.174	0.8
28 CACM-2046	24	0.167	0.8
28 CACM-2454	25	0.16	0.8
28 CACM-2289	26	0.154	0.8
28 CACM-1261	27	0.148	0.8
28 CACM-2630	28	0.143	0.8
28 CACM-1846	29	0.138	0.8
28 CACM-1611	30	0.133	0.8
28 CACM-3038	31	0.129	0.8
28 CACM-1890	32	0.125	0.8
28 CACM-2900	33	0.121	0.8
28 CACM-3076	34	0.118	0.8
28 CACM-3059	35	0.114	0.8
28 CACM-2973	36	0.111	0.8
28 CACM-3164	37	0.108	0.8
28 CACM-2572	38	0.105	0.8
28 CACM-0367	39	0.103	0.8
28 CACM-2988	40	0.1	0.8
28 CACM-2401	41	0.098	0.8
28 CACM-1906	42	0.095	0.8
28 CACM-1572	43	0.093	0.8

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28 CACM-3070	44	0.091	0.8
28 CACM-2894	45	0.089	0.8
28 CACM-1397	46	0.087	0.8
28 CACM-2598	47	0.085	0.8
28 CACM-2450	48	0.083	0.8
28 CACM-2581	49	0.082	0.8
28 CACM-2216	50	0.08	0.8
28 CACM-1034	51	0.078	0.8
28 CACM-1362	52	0.077	0.8
28 CACM-1622	53	0.075	0.8
28 CACM-2178	54	0.074	0.8
28 CACM-1728	55	0.073	0.8
28 CACM-1601	56	0.071	0.8
28 CACM-1889	57	0.07	0.8
28 CACM-1551	58	0.069	0.8
28 CACM-1458	59	0.068	0.8
28 CACM-2828	60	0.067	0.8
28 CACM-1811	61	0.066	0.8
28 CACM-1199	62	0.065	0.8
28 CACM-1171	63	0.063	0.8
28 CACM-1423	64	0.062	0.8
28 CACM-2887	65	0.062	0.8
28 CACM-0616	66	0.061	0.8
28 CACM-2568	67	0.06	0.8
28 CACM-2196	68	0.059	0.8
28 CACM-1614	69	0.058	0.8
28 CACM-1233	70	0.057	0.8
28 CACM-3082	71	0.056	0.8
28 CACM-1516	72	0.056	0.8
28 CACM-1770	73	0.055	0.8
28 CACM-1877	74	0.054	0.8
28 CACM-1745	75	0.053	0.8
28 CACM-2217	76	0.053	0.8
28 CACM-2327	77	0.052	0.8
28 CACM-1032	78	0.051	0.8
28 CACM-1886	79	0.051	0.8
28 CACM-1768	80	0.05	0.8
28 CACM-1326	81	0.049	0.8
28 CACM-2307	82	0.049	0.8
28 CACM-1711	83	0.048	0.8
28 CACM-2200	84	0.048	0.8
28 CACM-1443	85	0.047	0.8
28 CACM-2147	86	0.047	0.8
28 CACM-2053	87	0.046	0.8
28 CACM-2805	88	0.045	0.8
28 CACM-2948	89	0.045	0.8
28 CACM-3153	90	0.044	0.8
28 CACM-0383	91	0.044	0.8
28 CACM-2614	92	0.043	0.8

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28 CACM-2092	93	0.043	0.8
28 CACM-2934	94	0.043	0.8
28 CACM-0531	95	0.042	0.8
28 CACM-0248	96	0.042	0.8
28 CACM-2932	97	0.041	0.8
28 CACM-1696	98	0.041	0.8
28 CACM-2263	99	0.04	0.8
28 CACM-3202	100	0.04	0.8
29 CACM-1840	1	1	0.053
29 CACM-1539	2	1	0.105
29 CACM-1841	3	1	0.158
29 CACM-2089	4	1	0.211
29 CACM-1933	5	0.8	0.211
29 CACM-2462	6	0.833	0.263
29 CACM-1538	7	0.857	0.316
29 CACM-1537	8	0.875	0.368
29 CACM-1967	9	0.889	0.421
29 CACM-2770	10	0.8	0.421
29 CACM-1420	11	0.818	0.474
29 CACM-2927	12	0.833	0.526
29 CACM-2507	13	0.769	0.526
29 CACM-2206	14	0.714	0.526
29 CACM-1094	15	0.733	0.579
29 CACM-1691	16	0.688	0.579
29 CACM-2109	17	0.647	0.579
29 CACM-2067	18	0.611	0.579
29 CACM-1717	19	0.579	0.579
29 CACM-3021	20	0.55	0.579
29 CACM-3037	21	0.571	0.632
29 CACM-2726	22	0.545	0.632
29 CACM-1386	23	0.522	0.632
29 CACM-2424	24	0.5	0.632
29 CACM-2087	25	0.48	0.632
29 CACM-1725	26	0.462	0.632
29 CACM-2138	27	0.444	0.632
29 CACM-2306	28	0.429	0.632
29 CACM-1812	29	0.414	0.632
29 CACM-2644	30	0.4	0.632
29 CACM-0944	31	0.387	0.632
29 CACM-2621	32	0.375	0.632
29 CACM-2334	33	0.364	0.632
29 CACM-3131	34	0.353	0.632
29 CACM-2122	35	0.343	0.632
29 CACM-1794	36	0.333	0.632
29 CACM-1894	37	0.324	0.632
29 CACM-1716	38	0.316	0.632
29 CACM-2057	39	0.308	0.632
29 CACM-2605	40	0.3	0.632
29 CACM-2114	41	0.293	0.632

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29 CACM-0294	42	0.286	0.632
29 CACM-0197	43	0.279	0.632
29 CACM-2031	44	0.273	0.632
29 CACM-3171	45	0.267	0.632
29 CACM-0567	46	0.261	0.632
29 CACM-0568	47	0.255	0.632
29 CACM-0353	48	0.25	0.632
29 CACM-1268	49	0.245	0.632
29 CACM-0355	50	0.24	0.632
29 CACM-0348	51	0.235	0.632
29 CACM-0979	52	0.231	0.632
29 CACM-1011	53	0.226	0.632
29 CACM-0443	54	0.222	0.632
29 CACM-0546	55	0.218	0.632
29 CACM-0304	56	0.214	0.632
29 CACM-1219	57	0.211	0.632
29 CACM-0628	58	0.207	0.632
29 CACM-0553	59	0.203	0.632
29 CACM-0216	60	0.2	0.632
29 CACM-2240	61	0.197	0.632
29 CACM-2121	62	0.194	0.632
29 CACM-2018	63	0.19	0.632
29 CACM-2115	64	0.188	0.632
29 CACM-1052	65	0.185	0.632
29 CACM-2416	66	0.182	0.632
29 CACM-1259	67	0.179	0.632
29 CACM-2104	68	0.176	0.632
29 CACM-2565	69	0.174	0.632
29 CACM-2123	70	0.171	0.632
29 CACM-1257	71	0.169	0.632
29 CACM-1663	72	0.167	0.632
29 CACM-2489	73	0.164	0.632
29 CACM-1991	74	0.162	0.632
29 CACM-2549	75	0.16	0.632
29 CACM-2349	76	0.158	0.632
29 CACM-1014	77	0.156	0.632
29 CACM-1408	78	0.154	0.632
29 CACM-2200	79	0.152	0.632
29 CACM-1924	80	0.15	0.632
29 CACM-1171	81	0.148	0.632
29 CACM-1874	82	0.146	0.632
29 CACM-3141	83	0.145	0.632
29 CACM-1783	84	0.143	0.632
29 CACM-0626	85	0.141	0.632
29 CACM-0615	86	0.14	0.632
29 CACM-1930	87	0.138	0.632
29 CACM-3115	88	0.136	0.632
29 CACM-1497	89	0.135	0.632
29 CACM-2208	90	0.133	0.632

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29 CACM-0942	91	0.132	0.632
29 CACM-2664	92	0.13	0.632
29 CACM-2963	93	0.129	0.632
29 CACM-1364	94	0.128	0.632
29 CACM-2146	95	0.126	0.632
29 CACM-2490	96	0.125	0.632
29 CACM-2648	97	0.124	0.632
29 CACM-1631	98	0.122	0.632
29 CACM-1997	99	0.121	0.632
29 CACM-1475	100	0.12	0.632
30 CACM-1926	1	1	0.25
30 CACM-2341	2	0.5	0.25
30 CACM-2786	3	0.667	0.5
30 CACM-2537	4	0.5	0.5
30 CACM-1112	5	0.4	0.5
30 CACM-2501	6	0.333	0.5
30 CACM-1856	7	0.286	0.5
30 CACM-1739	8	0.25	0.5
30 CACM-1256	9	0.222	0.5
30 CACM-2947	10	0.2	0.5
30 CACM-1726	11	0.182	0.5
30 CACM-0953	12	0.167	0.5
30 CACM-2486	13	0.231	0.75
30 CACM-2631	14	0.214	0.75
30 CACM-2035	15	0.2	0.75
30 CACM-2050	16	0.188	0.75
30 CACM-1502	17	0.176	0.75
30 CACM-3162	18	0.167	0.75
30 CACM-0248	19	0.158	0.75
30 CACM-2917	20	0.2	1
30 CACM-2530	21	0.19	1
30 CACM-1616	22	0.182	1
30 CACM-2876	23	0.174	1
30 CACM-2396	24	0.167	1
30 CACM-2746	25	0.16	1
30 CACM-1170	26	0.154	1
30 CACM-1248	27	0.148	1
30 CACM-2312	28	0.143	1
30 CACM-2299	29	0.138	1
30 CACM-2819	30	0.133	1
30 CACM-2399	31	0.129	1
30 CACM-2623	32	0.125	1
30 CACM-1457	33	0.121	1
30 CACM-3115	34	0.118	1
30 CACM-2916	35	0.114	1
30 CACM-3142	36	0.111	1
30 CACM-1455	37	0.108	1
30 CACM-1697	38	0.105	1
30 CACM-0195	39	0.103	1

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30 CACM-1565	40	0.1	1
30 CACM-1698	41	0.098	1
30 CACM-3175	42	0.095	1
30 CACM-1614	43	0.093	1
30 CACM-2989	44	0.091	1
30 CACM-2252	45	0.089	1
30 CACM-1001	46	0.087	1
30 CACM-2931	47	0.085	1
30 CACM-3179	48	0.083	1
30 CACM-1644	49	0.082	1
30 CACM-2572	50	0.08	1
30 CACM-1487	51	0.078	1
30 CACM-3173	52	0.077	1
30 CACM-3005	53	0.075	1
30 CACM-2764	54	0.074	1
30 CACM-2739	55	0.073	1
30 CACM-1625	56	0.071	1
30 CACM-0718	57	0.07	1
30 CACM-2909	58	0.069	1
30 CACM-2835	59	0.068	1
30 CACM-3120	60	0.067	1
30 CACM-2582	61	0.066	1
30 CACM-2871	62	0.065	1
30 CACM-1235	63	0.063	1
30 CACM-2457	64	0.062	1
30 CACM-1613	65	0.062	1
30 CACM-1413	66	0.061	1
30 CACM-2923	67	0.06	1
30 CACM-2519	68	0.059	1
30 CACM-2710	69	0.058	1
30 CACM-1046	70	0.057	1
30 CACM-1652	71	0.056	1
30 CACM-1700	72	0.056	1
30 CACM-2629	73	0.055	1
30 CACM-2927	74	0.054	1
30 CACM-3154	75	0.053	1
30 CACM-2203	76	0.053	1
30 CACM-2455	77	0.052	1
30 CACM-1383	78	0.051	1
30 CACM-2390	79	0.051	1
30 CACM-2580	80	0.05	1
30 CACM-1491	81	0.049	1
30 CACM-0084	82	0.049	1
30 CACM-1518	83	0.048	1
30 CACM-1421	84	0.048	1
30 CACM-2980	85	0.047	1
30 CACM-3114	86	0.047	1
30 CACM-1272	87	0.046	1
30 CACM-3054	88	0.045	1

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30 CACM-2987	89	0.045	1
30 CACM-2019	90	0.044	1
30 CACM-0274	91	0.044	1
30 CACM-1824	92	0.043	1
30 CACM-3065	93	0.043	1
30 CACM-1735	94	0.043	1
30 CACM-1828	95	0.042	1
30 CACM-0724	96	0.042	1
30 CACM-2344	97	0.041	1
30 CACM-1711	98	0.041	1
30 CACM-0857	99	0.04	1
30 CACM-2541	100	0.04	1
31 CACM-3047	1	1	0.5
31 CACM-1686	2	0.5	0.5
31 CACM-3013	3	0.333	0.5
31 CACM-2142	4	0.25	0.5
31 CACM-2283	5	0.2	0.5
31 CACM-1327	6	0.167	0.5
31 CACM-2370	7	0.143	0.5
31 CACM-2065	8	0.125	0.5
31 CACM-2125	9	0.222	1
31 CACM-1144	10	0.2	1
31 CACM-3015	11	0.182	1
31 CACM-2211	12	0.167	1
31 CACM-2826	13	0.154	1
31 CACM-1891	14	0.143	1
31 CACM-2421	15	0.133	1
31 CACM-2231	16	0.125	1
31 CACM-1741	17	0.118	1
31 CACM-2004	18	0.111	1
31 CACM-2674	19	0.105	1
31 CACM-0533	20	0.1	1
31 CACM-1543	21	0.095	1
31 CACM-0605	22	0.091	1
31 CACM-2721	23	0.087	1
31 CACM-2829	24	0.083	1
31 CACM-0078	25	0.08	1
31 CACM-1108	26	0.077	1
31 CACM-2188	27	0.074	1
31 CACM-0893	28	0.071	1
31 CACM-0531	29	0.069	1
31 CACM-1388	30	0.067	1
31 CACM-1261	31	0.065	1
31 CACM-2606	32	0.062	1
31 CACM-1929	33	0.061	1
31 CACM-1571	34	0.059	1
31 CACM-2819	35	0.057	1
31 CACM-2402	36	0.056	1
31 CACM-0104	37	0.054	1

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31 CACM-1381	38	0.053	1
31 CACM-2051	39	0.051	1
31 CACM-2020	40	0.05	1
31 CACM-1664	41	0.049	1
31 CACM-1366	42	0.048	1
31 CACM-2687	43	0.047	1
31 CACM-0464	44	0.045	1
31 CACM-3059	45	0.044	1
31 CACM-3160	46	0.043	1
31 CACM-3200	47	0.043	1
31 CACM-0670	48	0.042	1
31 CACM-2913	49	0.041	1
31 CACM-1961	50	0.04	1
31 CACM-1847	51	0.039	1
31 CACM-2931	52	0.038	1
31 CACM-1046	53	0.038	1
31 CACM-1928	54	0.037	1
31 CACM-2893	55	0.036	1
31 CACM-1700	56	0.036	1
31 CACM-1350	57	0.035	1
31 CACM-2302	58	0.034	1
31 CACM-0894	59	0.034	1
31 CACM-1206	60	0.033	1
31 CACM-1415	61	0.033	1
31 CACM-1721	62	0.032	1
31 CACM-3198	63	0.032	1
31 CACM-1529	64	0.031	1
31 CACM-0724	65	0.031	1
31 CACM-1862	66	0.03	1
31 CACM-1428	67	0.03	1
31 CACM-1392	68	0.029	1
31 CACM-1292	69	0.029	1
31 CACM-2643	70	0.029	1
31 CACM-1154	71	0.028	1
31 CACM-2572	72	0.028	1
31 CACM-2304	73	0.027	1
31 CACM-0329	74	0.027	1
31 CACM-1409	75	0.027	1
31 CACM-2274	76	0.026	1
31 CACM-0696	77	0.026	1
31 CACM-2972	78	0.026	1
31 CACM-3153	79	0.025	1
31 CACM-2321	80	0.025	1
31 CACM-2163	81	0.025	1
31 CACM-2341	82	0.024	1
31 CACM-1901	83	0.024	1
31 CACM-3076	84	0.024	1
31 CACM-1665	85	0.024	1
31 CACM-1384	86	0.023	1

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31 CACM-1394	87	0.023	1
31 CACM-2367	88	0.023	1
31 CACM-2786	89	0.022	1
31 CACM-2925	90	0.022	1
31 CACM-1433	91	0.022	1
31 CACM-0730	92	0.022	1
31 CACM-2751	93	0.022	1
31 CACM-2130	94	0.021	1
31 CACM-0824	95	0.021	1
31 CACM-1806	96	0.021	1
31 CACM-1588	97	0.021	1
31 CACM-1194	98	0.02	1
31 CACM-1671	99	0.02	1
31 CACM-0185	100	0.02	1
32 CACM-3139	1	1	0.333
32 CACM-2177	2	0.5	0.333
32 CACM-2630	3	0.333	0.333
32 CACM-2289	4	0.25	0.333
32 CACM-2368	5	0.2	0.333
32 CACM-2883	6	0.167	0.333
32 CACM-2490	7	0.143	0.333
32 CACM-2484	8	0.125	0.333
32 CACM-3018	9	0.111	0.333
32 CACM-3156	10	0.1	0.333
32 CACM-2619	11	0.091	0.333
32 CACM-1961	12	0.083	0.333
32 CACM-1847	13	0.077	0.333
32 CACM-1504	14	0.071	0.333
32 CACM-2059	15	0.067	0.333
32 CACM-2015	16	0.062	0.333
32 CACM-1145	17	0.118	0.667
32 CACM-3040	18	0.111	0.667
32 CACM-2980	19	0.105	0.667
32 CACM-2178	20	0.1	0.667
32 CACM-2877	21	0.095	0.667
32 CACM-2052	22	0.091	0.667
32 CACM-2934	23	0.087	0.667
32 CACM-1563	24	0.083	0.667
32 CACM-2290	25	0.08	0.667
32 CACM-2172	26	0.077	0.667
32 CACM-2752	27	0.074	0.667
32 CACM-2430	28	0.071	0.667
32 CACM-2161	29	0.069	0.667
32 CACM-2195	30	0.067	0.667
32 CACM-3124	31	0.065	0.667
32 CACM-2986	32	0.062	0.667
32 CACM-1839	33	0.061	0.667
32 CACM-3164	34	0.059	0.667
32 CACM-2155	35	0.057	0.667

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32 CACM-2695	36	0.056	0.667
32 CACM-1529	37	0.054	0.667
32 CACM-2819	38	0.053	0.667
32 CACM-2568	39	0.051	0.667
32 CACM-3100	40	0.05	0.667
32 CACM-2701	41	0.049	0.667
32 CACM-2769	42	0.048	0.667
32 CACM-1935	43	0.047	0.667
32 CACM-2189	44	0.045	0.667
32 CACM-2461	45	0.044	0.667
32 CACM-1481	46	0.043	0.667
32 CACM-2790	47	0.043	0.667
32 CACM-1456	48	0.042	0.667
32 CACM-1432	49	0.041	0.667
32 CACM-2389	50	0.04	0.667
32 CACM-2763	51	0.039	0.667
32 CACM-1983	52	0.038	0.667
32 CACM-1934	53	0.038	0.667
32 CACM-3125	54	0.037	0.667
32 CACM-1172	55	0.036	0.667
32 CACM-1905	56	0.036	0.667
32 CACM-2125	57	0.035	0.667
32 CACM-1822	58	0.034	0.667
32 CACM-2453	59	0.034	0.667
32 CACM-3033	60	0.033	0.667
32 CACM-3132	61	0.033	0.667
32 CACM-1721	62	0.032	0.667
32 CACM-2444	63	0.032	0.667
32 CACM-2923	64	0.031	0.667
32 CACM-2094	65	0.031	0.667
32 CACM-1947	66	0.03	0.667
32 CACM-3008	67	0.03	0.667
32 CACM-1828	68	0.029	0.667
32 CACM-1886	69	0.029	0.667
32 CACM-3172	70	0.029	0.667
32 CACM-1727	71	0.028	0.667
32 CACM-1924	72	0.028	0.667
32 CACM-2247	73	0.027	0.667
32 CACM-2771	74	0.027	0.667
32 CACM-2275	75	0.027	0.667
32 CACM-2697	76	0.026	0.667
32 CACM-2925	77	0.026	0.667
32 CACM-2646	78	0.026	0.667
32 CACM-2767	79	0.025	0.667
32 CACM-2408	80	0.025	0.667
32 CACM-3138	81	0.025	0.667
32 CACM-2273	82	0.024	0.667
32 CACM-3153	83	0.024	0.667
32 CACM-3059	84	0.024	0.667

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32 CACM-2924	85	0.024	0.667
32 CACM-2860	86	0.023	0.667
32 CACM-2561	87	0.023	0.667
32 CACM-3037	88	0.023	0.667
32 CACM-3085	89	0.022	0.667
32 CACM-3134	90	0.022	0.667
32 CACM-2692	91	0.022	0.667
32 CACM-1551	92	0.022	0.667
32 CACM-2523	93	0.022	0.667
32 CACM-2081	94	0.021	0.667
32 CACM-2606	95	0.021	0.667
32 CACM-2450	96	0.021	0.667
32 CACM-1433	97	0.021	0.667
32 CACM-2627	98	0.02	0.667
32 CACM-2972	99	0.02	0.667
32 CACM-2402	100	0.02	0.667
33 CACM-2805	1	1	1
33 CACM-2554	2	0.5	1
33 CACM-2047	3	0.333	1
33 CACM-2697	4	0.25	1
33 CACM-1954	5	0.2	1
33 CACM-2043	6	0.167	1
33 CACM-2284	7	0.143	1
33 CACM-2335	8	0.125	1
33 CACM-2806	9	0.111	1
33 CACM-2695	10	0.1	1
33 CACM-1423	11	0.091	1
33 CACM-2081	12	0.083	1
33 CACM-0070	13	0.077	1
33 CACM-2281	14	0.071	1
33 CACM-3016	15	0.067	1
33 CACM-1501	16	0.062	1
33 CACM-1809	17	0.059	1
33 CACM-1347	18	0.056	1
33 CACM-3152	19	0.053	1
33 CACM-1963	20	0.05	1
33 CACM-2000	21	0.048	1
33 CACM-2807	22	0.045	1
33 CACM-3085	23	0.043	1
33 CACM-2226	24	0.042	1
33 CACM-2809	25	0.04	1
33 CACM-1116	26	0.038	1
33 CACM-1614	27	0.037	1
33 CACM-2134	28	0.036	1
33 CACM-3115	29	0.034	1
33 CACM-1707	30	0.033	1
33 CACM-1143	31	0.032	1
33 CACM-1998	32	0.031	1
33 CACM-1692	33	0.03	1

System 1

33 CACM-2787	34	0.029	1
33 CACM-3153	35	0.029	1
33 CACM-1047	36	0.028	1
33 CACM-1766	37	0.027	1
33 CACM-2177	38	0.026	1
33 CACM-1787	39	0.026	1
33 CACM-0537	40	0.025	1
33 CACM-0441	41	0.024	1
33 CACM-2186	42	0.024	1
33 CACM-3200	43	0.023	1
33 CACM-1457	44	0.023	1
33 CACM-1916	45	0.022	1
33 CACM-1636	46	0.022	1
33 CACM-2544	47	0.021	1
33 CACM-3059	48	0.021	1
33 CACM-1441	49	0.02	1
33 CACM-2261	50	0.02	1
33 CACM-2887	51	0.02	1
33 CACM-1147	52	0.019	1
33 CACM-2567	53	0.019	1
33 CACM-1709	54	0.019	1
33 CACM-2213	55	0.018	1
33 CACM-1404	56	0.018	1
33 CACM-0495	57	0.018	1
33 CACM-1334	58	0.017	1
33 CACM-1285	59	0.017	1
33 CACM-1683	60	0.017	1
33 CACM-1046	61	0.016	1
33 CACM-2986	62	0.016	1
33 CACM-1859	63	0.016	1
33 CACM-1968	64	0.016	1
33 CACM-1045	65	0.015	1
33 CACM-0497	66	0.015	1
33 CACM-1014	67	0.015	1
33 CACM-1924	68	0.015	1
33 CACM-2488	69	0.014	1
33 CACM-2355	70	0.014	1
33 CACM-2929	71	0.014	1
33 CACM-1135	72	0.014	1
33 CACM-1524	73	0.014	1
33 CACM-2369	74	0.014	1
33 CACM-2780	75	0.013	1
33 CACM-1401	76	0.013	1
33 CACM-1529	77	0.013	1
33 CACM-0758	78	0.013	1
33 CACM-1369	79	0.013	1
33 CACM-1887	80	0.013	1
33 CACM-3125	81	0.012	1
33 CACM-0492	82	0.012	1

System 1

33 CACM-0464	83	0.012	1
33 CACM-1363	84	0.012	1
33 CACM-1744	85	0.012	1
33 CACM-1353	86	0.012	1
33 CACM-3138	87	0.011	1
33 CACM-1622	88	0.011	1
33 CACM-1807	89	0.011	1
33 CACM-1727	90	0.011	1
33 CACM-1601	91	0.011	1
33 CACM-1847	92	0.011	1
33 CACM-0397	93	0.011	1
33 CACM-1351	94	0.011	1
33 CACM-1782	95	0.011	1
33 CACM-0848	96	0.01	1
33 CACM-1610	97	0.01	1
33 CACM-2996	98	0.01	1
33 CACM-0531	99	0.01	1
33 CACM-2289	100	0.01	1
36 CACM-2110	1	1	0.05
36 CACM-1265	2	1	0.1
36 CACM-2112	3	0.667	0.1
36 CACM-2698	4	0.5	0.1
36 CACM-1350	5	0.6	0.15
36 CACM-2739	6	0.5	0.15
36 CACM-2061	7	0.429	0.15
36 CACM-1787	8	0.5	0.2
36 CACM-1012	9	0.444	0.2
36 CACM-2030	10	0.4	0.2
36 CACM-2754	11	0.364	0.2
36 CACM-2836	12	0.417	0.25
36 CACM-2703	13	0.385	0.25
36 CACM-1836	14	0.429	0.3
36 CACM-2733	15	0.467	0.35
36 CACM-2301	16	0.438	0.35
36 CACM-2476	17	0.412	0.35
36 CACM-1768	18	0.444	0.4
36 CACM-2179	19	0.474	0.45
36 CACM-1825	20	0.5	0.5
36 CACM-1989	21	0.476	0.5
36 CACM-2084	22	0.5	0.55
36 CACM-2340	23	0.522	0.6
36 CACM-1612	24	0.5	0.6
36 CACM-2581	25	0.48	0.6
36 CACM-2050	26	0.462	0.6
36 CACM-2546	27	0.444	0.6
36 CACM-2702	28	0.464	0.65
36 CACM-1399	29	0.448	0.65
36 CACM-2794	30	0.433	0.65
36 CACM-1737	31	0.419	0.65

System 1

36 CACM-1548	32	0.406	0.65
36 CACM-1453	33	0.394	0.65
36 CACM-1683	34	0.412	0.7
36 CACM-2786	35	0.4	0.7
36 CACM-3176	36	0.389	0.7
36 CACM-2811	37	0.378	0.7
36 CACM-1855	38	0.368	0.7
36 CACM-3045	39	0.359	0.7
36 CACM-0949	40	0.35	0.7
36 CACM-2492	41	0.341	0.7
36 CACM-3094	42	0.357	0.75
36 CACM-1569	43	0.349	0.75
36 CACM-3093	44	0.341	0.75
36 CACM-2423	45	0.356	0.8
36 CACM-1455	46	0.348	0.8
36 CACM-2921	47	0.34	0.8
36 CACM-2982	48	0.333	0.8
36 CACM-2545	49	0.327	0.8
36 CACM-1527	50	0.32	0.8
36 CACM-1395	51	0.314	0.8
36 CACM-2986	52	0.327	0.85
36 CACM-2708	53	0.34	0.9
36 CACM-2310	54	0.333	0.9
36 CACM-1988	55	0.327	0.9
36 CACM-2059	56	0.321	0.9
36 CACM-1454	57	0.316	0.9
36 CACM-1131	58	0.31	0.9
36 CACM-2643	59	0.305	0.9
36 CACM-2906	60	0.3	0.9
36 CACM-2886	61	0.295	0.9
36 CACM-1162	62	0.29	0.9
36 CACM-2252	63	0.286	0.9
36 CACM-2138	64	0.281	0.9
36 CACM-2785	65	0.277	0.9
36 CACM-2091	66	0.273	0.9
36 CACM-1885	67	0.269	0.9
36 CACM-1852	68	0.265	0.9
36 CACM-0644	69	0.261	0.9
36 CACM-3087	70	0.257	0.9
36 CACM-2644	71	0.254	0.9
36 CACM-2113	72	0.25	0.9
36 CACM-1549	73	0.247	0.9
36 CACM-2954	74	0.243	0.9
36 CACM-2230	75	0.24	0.9
36 CACM-1145	76	0.237	0.9
36 CACM-2971	77	0.234	0.9
36 CACM-1959	78	0.231	0.9
36 CACM-3198	79	0.228	0.9
36 CACM-3184	80	0.225	0.9

System 1

36 CACM-1622	81	0.222	0.9
36 CACM-3100	82	0.22	0.9
36 CACM-0082	83	0.217	0.9
36 CACM-0679	84	0.214	0.9
36 CACM-1486	85	0.212	0.9
36 CACM-1504	86	0.209	0.9
36 CACM-2717	87	0.207	0.9
36 CACM-2406	88	0.205	0.9
36 CACM-3132	89	0.202	0.9
36 CACM-2246	90	0.2	0.9
36 CACM-0778	91	0.198	0.9
36 CACM-1856	92	0.196	0.9
36 CACM-2060	93	0.194	0.9
36 CACM-1902	94	0.191	0.9
36 CACM-0354	95	0.189	0.9
36 CACM-2873	96	0.188	0.9
36 CACM-1484	97	0.186	0.9
36 CACM-1170	98	0.184	0.9
36 CACM-2915	99	0.182	0.9
36 CACM-1315	100	0.18	0.9
37 CACM-2265	1	1	0.083
37 CACM-2958	2	0.5	0.083
37 CACM-2956	3	0.333	0.083
37 CACM-3105	4	0.25	0.083
37 CACM-2632	5	0.4	0.167
37 CACM-2651	6	0.5	0.25
37 CACM-3031	7	0.429	0.25
37 CACM-2941	8	0.5	0.333
37 CACM-1768	9	0.444	0.333
37 CACM-1847	10	0.4	0.333
37 CACM-2470	11	0.364	0.333
37 CACM-2341	12	0.333	0.333
37 CACM-1625	13	0.308	0.333
37 CACM-3103	14	0.286	0.333
37 CACM-2184	15	0.267	0.333
37 CACM-1474	16	0.25	0.333
37 CACM-2939	17	0.294	0.417
37 CACM-1398	18	0.278	0.417
37 CACM-2940	19	0.263	0.417
37 CACM-1827	20	0.25	0.417
37 CACM-2794	21	0.238	0.417
37 CACM-3002	22	0.227	0.417
37 CACM-2289	23	0.217	0.417
37 CACM-2178	24	0.208	0.417
37 CACM-2060	25	0.2	0.417
37 CACM-0982	26	0.192	0.417
37 CACM-3128	27	0.185	0.417
37 CACM-1844	28	0.179	0.417
37 CACM-2527	29	0.172	0.417

System 1

37 CACM-0867	30	0.167	0.417
37 CACM-3048	31	0.161	0.417
37 CACM-1543	32	0.156	0.417
37 CACM-2033	33	0.152	0.417
37 CACM-2083	34	0.147	0.417
37 CACM-3142	35	0.143	0.417
37 CACM-2002	36	0.139	0.417
37 CACM-2560	37	0.135	0.417
37 CACM-0243	38	0.132	0.417
37 CACM-0849	39	0.128	0.417
37 CACM-3153	40	0.125	0.417
37 CACM-1614	41	0.122	0.417
37 CACM-1589	42	0.119	0.417
37 CACM-2051	43	0.116	0.417
37 CACM-2810	44	0.114	0.417
37 CACM-2850	45	0.111	0.417
37 CACM-1482	46	0.109	0.417
37 CACM-2202	47	0.106	0.417
37 CACM-2342	48	0.104	0.417
37 CACM-0605	49	0.102	0.417
37 CACM-2046	50	0.1	0.417
37 CACM-2167	51	0.098	0.417
37 CACM-2092	52	0.096	0.417
37 CACM-1748	53	0.094	0.417
37 CACM-1388	54	0.093	0.417
37 CACM-2186	55	0.091	0.417
37 CACM-2053	56	0.089	0.417
37 CACM-1003	57	0.088	0.417
37 CACM-1875	58	0.086	0.417
37 CACM-2218	59	0.085	0.417
37 CACM-1874	60	0.083	0.417
37 CACM-1379	61	0.082	0.417
37 CACM-1646	62	0.081	0.417
37 CACM-1719	63	0.079	0.417
37 CACM-2376	64	0.078	0.417
37 CACM-1856	65	0.077	0.417
37 CACM-2264	66	0.076	0.417
37 CACM-1854	67	0.075	0.417
37 CACM-2937	68	0.074	0.417
37 CACM-2367	69	0.072	0.417
37 CACM-2195	70	0.071	0.417
37 CACM-1159	71	0.07	0.417
37 CACM-2535	72	0.069	0.417
37 CACM-2931	73	0.068	0.417
37 CACM-2113	74	0.068	0.417
37 CACM-2082	75	0.067	0.417
37 CACM-1591	76	0.066	0.417
37 CACM-3082	77	0.065	0.417
37 CACM-2864	78	0.064	0.417

System 1

37 CACM-2020	79	0.063	0.417
37 CACM-1553	80	0.062	0.417
37 CACM-0949	81	0.062	0.417
37 CACM-3001	82	0.061	0.417
37 CACM-1236	83	0.06	0.417
37 CACM-1637	84	0.06	0.417
37 CACM-1638	85	0.059	0.417
37 CACM-2003	86	0.058	0.417
37 CACM-0329	87	0.057	0.417
37 CACM-2572	88	0.057	0.417
37 CACM-1366	89	0.056	0.417
37 CACM-0670	90	0.056	0.417
37 CACM-2622	91	0.055	0.417
37 CACM-2283	92	0.054	0.417
37 CACM-1433	93	0.054	0.417
37 CACM-1033	94	0.053	0.417
37 CACM-3071	95	0.053	0.417
37 CACM-2846	96	0.052	0.417
37 CACM-1393	97	0.052	0.417
37 CACM-1534	98	0.051	0.417
37 CACM-2985	99	0.051	0.417
37 CACM-1886	100	0.05	0.417
38 CACM-3105	1	0	0
38 CACM-3031	2	0.5	0.062
38 CACM-2958	3	0.667	0.125
38 CACM-2470	4	0.5	0.125
38 CACM-3103	5	0.6	0.188
38 CACM-2939	6	0.667	0.25
38 CACM-2956	7	0.714	0.312
38 CACM-2940	8	0.75	0.375
38 CACM-2867	9	0.667	0.375
38 CACM-2651	10	0.7	0.438
38 CACM-2082	11	0.636	0.438
38 CACM-1359	12	0.583	0.438
38 CACM-2957	13	0.615	0.5
38 CACM-0867	14	0.571	0.5
38 CACM-2184	15	0.533	0.5
38 CACM-2941	16	0.562	0.562
38 CACM-2931	17	0.529	0.562
38 CACM-1847	18	0.5	0.562
38 CACM-1474	19	0.474	0.562
38 CACM-2247	20	0.45	0.562
38 CACM-2265	21	0.476	0.625
38 CACM-1625	22	0.455	0.625
38 CACM-2582	23	0.435	0.625
38 CACM-2876	24	0.417	0.625
38 CACM-1698	25	0.4	0.625
38 CACM-1408	26	0.385	0.625
38 CACM-2341	27	0.37	0.625

System 1

38 CACM-0497	28	0.357	0.625
38 CACM-3002	29	0.345	0.625
38 CACM-3069	30	0.333	0.625
38 CACM-2051	31	0.323	0.625
38 CACM-1768	32	0.312	0.625
38 CACM-1890	33	0.303	0.625
38 CACM-1433	34	0.294	0.625
38 CACM-1398	35	0.286	0.625
38 CACM-2622	36	0.278	0.625
38 CACM-1327	37	0.27	0.625
38 CACM-0595	38	0.263	0.625
38 CACM-2846	39	0.256	0.625
38 CACM-2832	40	0.25	0.625
38 CACM-1806	41	0.244	0.625
38 CACM-2794	42	0.238	0.625
38 CACM-0981	43	0.233	0.625
38 CACM-2451	44	0.227	0.625
38 CACM-0321	45	0.222	0.625
38 CACM-1014	46	0.217	0.625
38 CACM-2232	47	0.213	0.625
38 CACM-0670	48	0.208	0.625
38 CACM-1323	49	0.204	0.625
38 CACM-2356	50	0.2	0.625
38 CACM-2305	51	0.196	0.625
38 CACM-1469	52	0.192	0.625
38 CACM-3124	53	0.189	0.625
38 CACM-2937	54	0.185	0.625
38 CACM-1572	55	0.182	0.625
38 CACM-1637	56	0.179	0.625
38 CACM-1003	57	0.175	0.625
38 CACM-1543	58	0.172	0.625
38 CACM-1549	59	0.169	0.625
38 CACM-2851	60	0.167	0.625
38 CACM-3096	61	0.164	0.625
38 CACM-2718	62	0.161	0.625
38 CACM-2424	63	0.159	0.625
38 CACM-3177	64	0.156	0.625
38 CACM-1497	65	0.154	0.625
38 CACM-1307	66	0.152	0.625
38 CACM-2990	67	0.149	0.625
38 CACM-2750	68	0.147	0.625
38 CACM-2254	69	0.145	0.625
38 CACM-0982	70	0.143	0.625
38 CACM-0492	71	0.141	0.625
38 CACM-0106	72	0.139	0.625
38 CACM-0615	73	0.137	0.625
38 CACM-2092	74	0.135	0.625
38 CACM-0605	75	0.133	0.625
38 CACM-2002	76	0.132	0.625

System 1

38 CACM-1827	77	0.13	0.625
38 CACM-1641	78	0.128	0.625
38 CACM-3034	79	0.127	0.625
38 CACM-2289	80	0.125	0.625
38 CACM-3142	81	0.123	0.625
38 CACM-1516	82	0.122	0.625
38 CACM-2178	83	0.12	0.625
38 CACM-2688	84	0.119	0.625
38 CACM-2905	85	0.118	0.625
38 CACM-2527	86	0.116	0.625
38 CACM-1868	87	0.115	0.625
38 CACM-3082	88	0.114	0.625
38 CACM-3152	89	0.112	0.625
38 CACM-2096	90	0.111	0.625
38 CACM-1527	91	0.11	0.625
38 CACM-1159	92	0.109	0.625
38 CACM-1348	93	0.108	0.625
38 CACM-0464	94	0.106	0.625
38 CACM-0071	95	0.105	0.625
38 CACM-2046	96	0.104	0.625
38 CACM-2840	97	0.103	0.625
38 CACM-2568	98	0.102	0.625
38 CACM-2196	99	0.101	0.625
38 CACM-2020	100	0.1	0.625
39 CACM-2651	1	1	0.083
39 CACM-3105	2	0.5	0.083
39 CACM-2940	3	0.333	0.083
39 CACM-2956	4	0.25	0.083
39 CACM-2958	5	0.2	0.083
39 CACM-1861	6	0.333	0.167
39 CACM-2470	7	0.286	0.167
39 CACM-3103	8	0.25	0.167
39 CACM-2957	9	0.222	0.167
39 CACM-2254	10	0.2	0.167
39 CACM-1614	11	0.182	0.167
39 CACM-2939	12	0.25	0.25
39 CACM-2941	13	0.308	0.333
39 CACM-2265	14	0.357	0.417
39 CACM-2705	15	0.333	0.417
39 CACM-3031	16	0.375	0.5
39 CACM-2082	17	0.353	0.5
39 CACM-1678	18	0.333	0.5
39 CACM-2931	19	0.316	0.5
39 CACM-0867	20	0.3	0.5
39 CACM-2937	21	0.286	0.5
39 CACM-1835	22	0.273	0.5
39 CACM-1902	23	0.261	0.5
39 CACM-1098	24	0.25	0.5
39 CACM-2603	25	0.24	0.5

System 1

39 CACM-2051	26	0.231	0.5
39 CACM-1463	27	0.222	0.5
39 CACM-2341	28	0.214	0.5
39 CACM-1379	29	0.207	0.5
39 CACM-1469	30	0.2	0.5
39 CACM-1366	31	0.194	0.5
39 CACM-2305	32	0.188	0.5
39 CACM-3101	33	0.182	0.5
39 CACM-2632	34	0.206	0.583
39 CACM-2406	35	0.2	0.583
39 CACM-2002	36	0.194	0.583
39 CACM-1491	37	0.189	0.583
39 CACM-3066	38	0.184	0.583
39 CACM-2317	39	0.205	0.667
39 CACM-2684	40	0.2	0.667
39 CACM-1474	41	0.195	0.667
39 CACM-2264	42	0.19	0.667
39 CACM-2546	43	0.186	0.667
39 CACM-3071	44	0.182	0.667
39 CACM-1237	45	0.178	0.667
39 CACM-1112	46	0.174	0.667
39 CACM-1625	47	0.17	0.667
39 CACM-1693	48	0.188	0.75
39 CACM-1911	49	0.184	0.75
39 CACM-2645	50	0.18	0.75
39 CACM-2078	51	0.176	0.75
39 CACM-3198	52	0.173	0.75
39 CACM-2887	53	0.17	0.75
39 CACM-1457	54	0.167	0.75
39 CACM-2252	55	0.164	0.75
39 CACM-1470	56	0.161	0.75
39 CACM-2198	57	0.158	0.75
39 CACM-1467	58	0.155	0.75
39 CACM-0464	59	0.153	0.75
39 CACM-2886	60	0.15	0.75
39 CACM-2558	61	0.164	0.833
39 CACM-2126	62	0.177	0.917
39 CACM-1180	63	0.175	0.917
39 CACM-3142	64	0.172	0.917
39 CACM-2652	65	0.169	0.917
39 CACM-0655	66	0.167	0.917
39 CACM-2299	67	0.164	0.917
39 CACM-3030	68	0.162	0.917
39 CACM-2178	69	0.159	0.917
39 CACM-2138	70	0.157	0.917
39 CACM-1282	71	0.155	0.917
39 CACM-2699	72	0.153	0.917
39 CACM-1459	73	0.151	0.917
39 CACM-3150	74	0.149	0.917

System 1

39 CACM-1588	75	0.147	0.917
39 CACM-2081	76	0.145	0.917
39 CACM-2717	77	0.143	0.917
39 CACM-3006	78	0.141	0.917
39 CACM-1200	79	0.139	0.917
39 CACM-1485	80	0.138	0.917
39 CACM-0205	81	0.136	0.917
39 CACM-2794	82	0.134	0.917
39 CACM-1703	83	0.133	0.917
39 CACM-1852	84	0.131	0.917
39 CACM-3185	85	0.129	0.917
39 CACM-1482	86	0.128	0.917
39 CACM-1626	87	0.126	0.917
39 CACM-2320	88	0.125	0.917
39 CACM-0949	89	0.124	0.917
39 CACM-2817	90	0.122	0.917
39 CACM-1543	91	0.121	0.917
39 CACM-2722	92	0.12	0.917
39 CACM-2527	93	0.118	0.917
39 CACM-0321	94	0.117	0.917
39 CACM-0618	95	0.116	0.917
39 CACM-1035	96	0.115	0.917
39 CACM-2810	97	0.113	0.917
39 CACM-1265	98	0.112	0.917
39 CACM-2289	99	0.111	0.917
39 CACM-1365	100	0.11	0.917
40 CACM-2956	1	1	0.1
40 CACM-2941	2	1	0.2
40 CACM-3105	3	0.667	0.2
40 CACM-2651	4	0.75	0.3
40 CACM-2940	5	0.8	0.4
40 CACM-1098	6	0.667	0.4
40 CACM-2254	7	0.571	0.4
40 CACM-2406	8	0.5	0.4
40 CACM-2470	9	0.444	0.4
40 CACM-1485	10	0.4	0.4
40 CACM-1588	11	0.364	0.4
40 CACM-2939	12	0.417	0.5
40 CACM-2705	13	0.385	0.5
40 CACM-1366	14	0.357	0.5
40 CACM-2051	15	0.333	0.5
40 CACM-2316	16	0.312	0.5
40 CACM-2265	17	0.353	0.6
40 CACM-1457	18	0.333	0.6
40 CACM-1459	19	0.316	0.6
40 CACM-1678	20	0.3	0.6
40 CACM-2603	21	0.286	0.6
40 CACM-2198	22	0.273	0.6
40 CACM-2958	23	0.304	0.7

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40 CACM-2078	24	0.292	0.7
40 CACM-1835	25	0.28	0.7
40 CACM-2252	26	0.269	0.7
40 CACM-2148	27	0.296	0.8
40 CACM-2060	28	0.286	0.8
40 CACM-2957	29	0.276	0.8
40 CACM-2645	30	0.267	0.8
40 CACM-3198	31	0.258	0.8
40 CACM-2710	32	0.25	0.8
40 CACM-2305	33	0.242	0.8
40 CACM-2295	34	0.235	0.8
40 CACM-1861	35	0.229	0.8
40 CACM-2652	36	0.222	0.8
40 CACM-2931	37	0.216	0.8
40 CACM-2317	38	0.211	0.8
40 CACM-1937	39	0.205	0.8
40 CACM-1902	40	0.2	0.8
40 CACM-1237	41	0.195	0.8
40 CACM-1470	42	0.19	0.8
40 CACM-1456	43	0.186	0.8
40 CACM-3103	44	0.182	0.8
40 CACM-0949	45	0.178	0.8
40 CACM-2264	46	0.174	0.8
40 CACM-2002	47	0.17	0.8
40 CACM-1769	48	0.167	0.8
40 CACM-1852	49	0.163	0.8
40 CACM-1467	50	0.16	0.8
40 CACM-0303	51	0.157	0.8
40 CACM-2546	52	0.154	0.8
40 CACM-2081	53	0.151	0.8
40 CACM-1614	54	0.167	0.9
40 CACM-3185	55	0.164	0.9
40 CACM-2937	56	0.161	0.9
40 CACM-2138	57	0.158	0.9
40 CACM-2632	58	0.155	0.9
40 CACM-1612	59	0.153	0.9
40 CACM-1282	60	0.15	0.9
40 CACM-2003	61	0.148	0.9
40 CACM-0867	62	0.145	0.9
40 CACM-2767	63	0.143	0.9
40 CACM-1703	64	0.141	0.9
40 CACM-3150	65	0.138	0.9
40 CACM-3077	66	0.136	0.9
40 CACM-2341	67	0.134	0.9
40 CACM-3030	68	0.132	0.9
40 CACM-1710	69	0.13	0.9
40 CACM-2184	70	0.129	0.9
40 CACM-2684	71	0.127	0.9
40 CACM-2886	72	0.125	0.9

System 1

40 CACM-3148	73	0.123	0.9
40 CACM-2717	74	0.122	0.9
40 CACM-1051	75	0.12	0.9
40 CACM-2699	76	0.118	0.9
40 CACM-2314	77	0.117	0.9
40 CACM-1474	78	0.115	0.9
40 CACM-1693	79	0.114	0.9
40 CACM-1135	80	0.113	0.9
40 CACM-1143	81	0.111	0.9
40 CACM-1324	82	0.11	0.9
40 CACM-2450	83	0.108	0.9
40 CACM-3101	84	0.107	0.9
40 CACM-1223	85	0.106	0.9
40 CACM-1379	86	0.105	0.9
40 CACM-1488	87	0.103	0.9
40 CACM-3006	88	0.102	0.9
40 CACM-2929	89	0.101	0.9
40 CACM-0435	90	0.1	0.9
40 CACM-2253	91	0.099	0.9
40 CACM-1911	92	0.098	0.9
40 CACM-1350	93	0.097	0.9
40 CACM-1425	94	0.096	0.9
40 CACM-1469	95	0.095	0.9
40 CACM-1035	96	0.094	0.9
40 CACM-0321	97	0.093	0.9
40 CACM-2876	98	0.092	0.9
40 CACM-1625	99	0.091	0.9
40 CACM-1306	100	0.09	0.9
42 CACM-1653	1	1	0.048
42 CACM-2318	2	1	0.095
42 CACM-2984	3	1	0.143
42 CACM-2542	4	1	0.19
42 CACM-2319	5	0.8	0.19
42 CACM-3089	6	0.667	0.19
42 CACM-3048	7	0.714	0.238
42 CACM-2894	8	0.625	0.238
42 CACM-3119	9	0.556	0.238
42 CACM-2268	10	0.5	0.238
42 CACM-1827	11	0.545	0.286
42 CACM-1938	12	0.5	0.286
42 CACM-2452	13	0.462	0.286
42 CACM-3070	14	0.429	0.286
42 CACM-2990	15	0.4	0.286
42 CACM-1908	16	0.375	0.286
42 CACM-1792	17	0.353	0.286
42 CACM-2634	18	0.333	0.286
42 CACM-2437	19	0.316	0.286
42 CACM-2741	20	0.3	0.286
42 CACM-2344	21	0.333	0.333

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42 CACM-1719	22	0.318	0.333
42 CACM-1931	23	0.304	0.333
42 CACM-2812	24	0.292	0.333
42 CACM-2375	25	0.28	0.333
42 CACM-2882	26	0.269	0.333
42 CACM-1805	27	0.296	0.381
42 CACM-2571	28	0.286	0.381
42 CACM-3136	29	0.276	0.381
42 CACM-2892	30	0.267	0.381
42 CACM-2988	31	0.258	0.381
42 CACM-2017	32	0.25	0.381
42 CACM-2798	33	0.242	0.381
42 CACM-0893	34	0.235	0.381
42 CACM-3091	35	0.229	0.381
42 CACM-2902	36	0.222	0.381
42 CACM-2535	37	0.216	0.381
42 CACM-2679	38	0.211	0.381
42 CACM-2716	39	0.205	0.381
42 CACM-1267	40	0.2	0.381
42 CACM-1973	41	0.195	0.381
42 CACM-1529	42	0.19	0.381
42 CACM-2862	43	0.186	0.381
42 CACM-2765	44	0.182	0.381
42 CACM-1518	45	0.2	0.429
42 CACM-2991	46	0.196	0.429
42 CACM-1032	47	0.191	0.429
42 CACM-0462	48	0.188	0.429
42 CACM-1542	49	0.184	0.429
42 CACM-1689	50	0.18	0.429
42 CACM-1620	51	0.176	0.429
42 CACM-1940	52	0.173	0.429
42 CACM-2976	53	0.17	0.429
42 CACM-2951	54	0.185	0.476
42 CACM-1534	55	0.182	0.476
42 CACM-1526	56	0.179	0.476
42 CACM-2967	57	0.175	0.476
42 CACM-2298	58	0.172	0.476
42 CACM-2719	59	0.169	0.476
42 CACM-2886	60	0.167	0.476
42 CACM-3028	61	0.164	0.476
42 CACM-2849	62	0.161	0.476
42 CACM-2720	63	0.159	0.476
42 CACM-2522	64	0.172	0.524
42 CACM-1028	65	0.169	0.524
42 CACM-1030	66	0.167	0.524
42 CACM-2217	67	0.164	0.524
42 CACM-2669	68	0.162	0.524
42 CACM-2203	69	0.159	0.524
42 CACM-3072	70	0.171	0.571

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42 CACM-3187	71	0.169	0.571
42 CACM-2048	72	0.167	0.571
42 CACM-0591	73	0.164	0.571
42 CACM-3044	74	0.162	0.571
42 CACM-0096	75	0.16	0.571
42 CACM-1270	76	0.158	0.571
42 CACM-1926	77	0.156	0.571
42 CACM-2859	78	0.154	0.571
42 CACM-0671	79	0.152	0.571
42 CACM-3020	80	0.15	0.571
42 CACM-0040	81	0.148	0.571
42 CACM-2016	82	0.146	0.571
42 CACM-3088	83	0.145	0.571
42 CACM-0436	84	0.143	0.571
42 CACM-1536	85	0.141	0.571
42 CACM-2151	86	0.151	0.619
42 CACM-1278	87	0.149	0.619
42 CACM-1029	88	0.148	0.619
42 CACM-2734	89	0.146	0.619
42 CACM-2683	90	0.144	0.619
42 CACM-1728	91	0.143	0.619
42 CACM-1699	92	0.141	0.619
42 CACM-3176	93	0.14	0.619
42 CACM-2852	94	0.138	0.619
42 CACM-2451	95	0.137	0.619
42 CACM-2454	96	0.135	0.619
42 CACM-3058	97	0.134	0.619
42 CACM-2601	98	0.133	0.619
42 CACM-2258	99	0.131	0.619
42 CACM-2494	100	0.13	0.619
43 CACM-2569	1	0	0
43 CACM-3046	2	0	0
43 CACM-2847	3	0	0
43 CACM-3107	4	0	0
43 CACM-2771	5	0.2	0.024
43 CACM-2754	6	0.333	0.049
43 CACM-3098	7	0.286	0.049
43 CACM-2455	8	0.25	0.049
43 CACM-3125	9	0.222	0.049
43 CACM-2883	10	0.3	0.073
43 CACM-2829	11	0.364	0.098
43 CACM-2341	12	0.333	0.098
43 CACM-1528	13	0.385	0.122
43 CACM-2113	14	0.357	0.122
43 CACM-2924	15	0.4	0.146
43 CACM-1265	16	0.375	0.146
43 CACM-1399	17	0.353	0.146
43 CACM-2402	18	0.333	0.146
43 CACM-1427	19	0.316	0.146

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43 CACM-2287	20	0.3	0.146
43 CACM-1590	21	0.286	0.146
43 CACM-3149	22	0.318	0.171
43 CACM-0462	23	0.304	0.171
43 CACM-2751	24	0.333	0.195
43 CACM-1726	25	0.32	0.195
43 CACM-0320	26	0.308	0.195
43 CACM-1553	27	0.296	0.195
43 CACM-2828	28	0.321	0.22
43 CACM-2746	29	0.31	0.22
43 CACM-3100	30	0.3	0.22
43 CACM-3049	31	0.29	0.22
43 CACM-2811	32	0.312	0.244
43 CACM-2494	33	0.303	0.244
43 CACM-2187	34	0.294	0.244
43 CACM-1182	35	0.286	0.244
43 CACM-2966	36	0.278	0.244
43 CACM-2310	37	0.27	0.244
43 CACM-1527	38	0.263	0.244
43 CACM-2841	39	0.282	0.268
43 CACM-3165	40	0.275	0.268
43 CACM-2812	41	0.268	0.268
43 CACM-1764	42	0.262	0.268
43 CACM-2232	43	0.256	0.268
43 CACM-1272	44	0.25	0.268
43 CACM-3143	45	0.244	0.268
43 CACM-1003	46	0.239	0.268
43 CACM-2547	47	0.234	0.268
43 CACM-2903	48	0.229	0.268
43 CACM-2959	49	0.224	0.268
43 CACM-2215	50	0.22	0.268
43 CACM-1517	51	0.216	0.268
43 CACM-3117	52	0.212	0.268
43 CACM-2054	53	0.208	0.268
43 CACM-1628	54	0.204	0.268
43 CACM-3078	55	0.2	0.268
43 CACM-1855	56	0.196	0.268
43 CACM-2962	57	0.193	0.268
43 CACM-2201	58	0.207	0.293
43 CACM-0644	59	0.203	0.293
43 CACM-2390	60	0.2	0.293
43 CACM-1543	61	0.197	0.293
43 CACM-2519	62	0.194	0.293
43 CACM-0096	63	0.19	0.293
43 CACM-2556	64	0.188	0.293
43 CACM-1771	65	0.185	0.293
43 CACM-3047	66	0.197	0.317
43 CACM-1404	67	0.194	0.317
43 CACM-1834	68	0.191	0.317

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43 CACM-2030	69	0.188	0.317
43 CACM-2383	70	0.186	0.317
43 CACM-0464	71	0.183	0.317
43 CACM-2289	72	0.181	0.317
43 CACM-3055	73	0.178	0.317
43 CACM-0303	74	0.176	0.317
43 CACM-2910	75	0.187	0.341
43 CACM-2967	76	0.184	0.341
43 CACM-2538	77	0.182	0.341
43 CACM-1183	78	0.179	0.341
43 CACM-0962	79	0.177	0.341
43 CACM-0040	80	0.175	0.341
43 CACM-1769	81	0.173	0.341
43 CACM-2308	82	0.171	0.341
43 CACM-1188	83	0.169	0.341
43 CACM-2197	84	0.167	0.341
43 CACM-1939	85	0.165	0.341
43 CACM-3070	86	0.163	0.341
43 CACM-0409	87	0.161	0.341
43 CACM-1260	88	0.159	0.341
43 CACM-2580	89	0.157	0.341
43 CACM-0633	90	0.156	0.341
43 CACM-0531	91	0.154	0.341
43 CACM-2486	92	0.152	0.341
43 CACM-1445	93	0.151	0.341
43 CACM-1518	94	0.149	0.341
43 CACM-0824	95	0.147	0.341
43 CACM-1890	96	0.146	0.341
43 CACM-2703	97	0.144	0.341
43 CACM-2152	98	0.143	0.341
43 CACM-1630	99	0.141	0.341
43 CACM-2004	100	0.15	0.366
44 CACM-2829	1	1	0.059
44 CACM-2523	2	1	0.118
44 CACM-2325	3	0.667	0.118
44 CACM-2771	4	0.75	0.176
44 CACM-2751	5	0.8	0.235
44 CACM-1686	6	0.667	0.235
44 CACM-1002	7	0.571	0.235
44 CACM-2924	8	0.625	0.294
44 CACM-2210	9	0.556	0.294
44 CACM-2494	10	0.5	0.294
44 CACM-2683	11	0.455	0.294
44 CACM-2478	12	0.417	0.294
44 CACM-1260	13	0.385	0.294
44 CACM-2125	14	0.357	0.294
44 CACM-0533	15	0.333	0.294
44 CACM-3078	16	0.312	0.294
44 CACM-2687	17	0.353	0.353

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44 CACM-2754	18	0.333	0.353
44 CACM-2560	19	0.316	0.353
44 CACM-1003	20	0.3	0.353
44 CACM-2062	21	0.286	0.353
44 CACM-2812	22	0.273	0.353
44 CACM-2187	23	0.261	0.353
44 CACM-1653	24	0.25	0.353
44 CACM-1325	25	0.24	0.353
44 CACM-0322	26	0.231	0.353
44 CACM-1809	27	0.222	0.353
44 CACM-0464	28	0.214	0.353
44 CACM-1404	29	0.207	0.353
44 CACM-1517	30	0.2	0.353
44 CACM-3003	31	0.194	0.353
44 CACM-1679	32	0.188	0.353
44 CACM-1927	33	0.182	0.353
44 CACM-2310	34	0.176	0.353
44 CACM-2871	35	0.171	0.353
44 CACM-1543	36	0.167	0.353
44 CACM-1214	37	0.162	0.353
44 CACM-1383	38	0.158	0.353
44 CACM-2580	39	0.154	0.353
44 CACM-1764	40	0.15	0.353
44 CACM-2308	41	0.146	0.353
44 CACM-0096	42	0.143	0.353
44 CACM-0436	43	0.14	0.353
44 CACM-2447	44	0.136	0.353
44 CACM-1720	45	0.133	0.353
44 CACM-3117	46	0.13	0.353
44 CACM-1890	47	0.128	0.353
44 CACM-1445	48	0.125	0.353
44 CACM-2825	49	0.122	0.353
44 CACM-2004	50	0.14	0.412
44 CACM-2962	51	0.137	0.412
44 CACM-3050	52	0.135	0.412
44 CACM-1188	53	0.132	0.412
44 CACM-2383	54	0.13	0.412
44 CACM-1208	55	0.127	0.412
44 CACM-1001	56	0.125	0.412
44 CACM-1590	57	0.123	0.412
44 CACM-2848	58	0.121	0.412
44 CACM-1916	59	0.119	0.412
44 CACM-1427	60	0.117	0.412
44 CACM-2113	61	0.115	0.412
44 CACM-1526	62	0.113	0.412
44 CACM-1272	63	0.111	0.412
44 CACM-2197	64	0.109	0.412
44 CACM-0940	65	0.108	0.412
44 CACM-1473	66	0.106	0.412

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44 CACM-1366	67	0.104	0.412
44 CACM-0962	68	0.103	0.412
44 CACM-2105	69	0.101	0.412
44 CACM-1183	70	0.1	0.412
44 CACM-2820	71	0.099	0.412
44 CACM-2486	72	0.097	0.412
44 CACM-2390	73	0.096	0.412
44 CACM-1435	74	0.095	0.412
44 CACM-1014	75	0.093	0.412
44 CACM-2999	76	0.092	0.412
44 CACM-2535	77	0.091	0.412
44 CACM-1172	78	0.09	0.412
44 CACM-2538	79	0.089	0.412
44 CACM-2303	80	0.087	0.412
44 CACM-2181	81	0.086	0.412
44 CACM-1834	82	0.085	0.412
44 CACM-1951	83	0.084	0.412
44 CACM-3010	84	0.083	0.412
44 CACM-1592	85	0.082	0.412
44 CACM-1771	86	0.081	0.412
44 CACM-3149	87	0.08	0.412
44 CACM-2519	88	0.08	0.412
44 CACM-0644	89	0.079	0.412
44 CACM-2188	90	0.078	0.412
44 CACM-3022	91	0.077	0.412
44 CACM-0525	92	0.076	0.412
44 CACM-2300	93	0.075	0.412
44 CACM-1487	94	0.074	0.412
44 CACM-3036	95	0.074	0.412
44 CACM-2339	96	0.073	0.412
44 CACM-1281	97	0.072	0.412
44 CACM-2194	98	0.071	0.412
44 CACM-2823	99	0.071	0.412
44 CACM-1088	100	0.07	0.412
45 CACM-2816	1	1	0.038
45 CACM-2452	2	1	0.077
45 CACM-2765	3	1	0.115
45 CACM-1976	4	0.75	0.115
45 CACM-2969	5	0.8	0.154
45 CACM-2926	6	0.667	0.154
45 CACM-2114	7	0.571	0.154
45 CACM-3002	8	0.625	0.192
45 CACM-2437	9	0.556	0.192
45 CACM-1032	10	0.5	0.192
45 CACM-2140	11	0.545	0.231
45 CACM-2991	12	0.5	0.231
45 CACM-1412	13	0.462	0.231
45 CACM-2631	14	0.429	0.231
45 CACM-1226	15	0.4	0.231

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45 CACM-1194	16	0.375	0.231
45 CACM-2359	17	0.412	0.269
45 CACM-3089	18	0.389	0.269
45 CACM-3134	19	0.368	0.269
45 CACM-2493	20	0.4	0.308
45 CACM-2949	21	0.381	0.308
45 CACM-3058	22	0.409	0.346
45 CACM-2680	23	0.435	0.385
45 CACM-2900	24	0.458	0.423
45 CACM-3129	25	0.48	0.462
45 CACM-2203	26	0.462	0.462
45 CACM-2860	27	0.444	0.462
45 CACM-2451	28	0.429	0.462
45 CACM-3137	29	0.448	0.5
45 CACM-2160	30	0.433	0.5
45 CACM-3152	31	0.452	0.538
45 CACM-0944	32	0.438	0.538
45 CACM-2819	33	0.424	0.538
45 CACM-2032	34	0.412	0.538
45 CACM-2888	35	0.4	0.538
45 CACM-2688	36	0.389	0.538
45 CACM-2716	37	0.405	0.577
45 CACM-2978	38	0.395	0.577
45 CACM-2542	39	0.385	0.577
45 CACM-3114	40	0.375	0.577
45 CACM-2307	41	0.366	0.577
45 CACM-2319	42	0.357	0.577
45 CACM-2812	43	0.349	0.577
45 CACM-3147	44	0.341	0.577
45 CACM-1515	45	0.333	0.577
45 CACM-1267	46	0.326	0.577
45 CACM-2669	47	0.34	0.615
45 CACM-2288	48	0.333	0.615
45 CACM-2623	49	0.327	0.615
45 CACM-2629	50	0.32	0.615
45 CACM-2390	51	0.314	0.615
45 CACM-0849	52	0.308	0.615
45 CACM-1653	53	0.302	0.615
45 CACM-2484	54	0.296	0.615
45 CACM-1416	55	0.291	0.615
45 CACM-2375	56	0.286	0.615
45 CACM-2988	57	0.281	0.615
45 CACM-0858	58	0.276	0.615
45 CACM-3084	59	0.271	0.615
45 CACM-1135	60	0.267	0.615
45 CACM-0696	61	0.262	0.615
45 CACM-2356	62	0.258	0.615
45 CACM-0854	63	0.254	0.615
45 CACM-3128	64	0.25	0.615

System 1

45 CACM-2184	65	0.246	0.615
45 CACM-0409	66	0.242	0.615
45 CACM-1959	67	0.239	0.615
45 CACM-3148	68	0.235	0.615
45 CACM-2318	69	0.232	0.615
45 CACM-2951	70	0.229	0.615
45 CACM-1514	71	0.225	0.615
45 CACM-2524	72	0.222	0.615
45 CACM-2849	73	0.219	0.615
45 CACM-0397	74	0.216	0.615
45 CACM-2722	75	0.213	0.615
45 CACM-1828	76	0.211	0.615
45 CACM-1827	77	0.208	0.615
45 CACM-3136	78	0.205	0.615
45 CACM-3181	79	0.203	0.615
45 CACM-3028	80	0.2	0.615
45 CACM-2966	81	0.198	0.615
45 CACM-1700	82	0.195	0.615
45 CACM-1908	83	0.193	0.615
45 CACM-2862	84	0.19	0.615
45 CACM-3153	85	0.188	0.615
45 CACM-3082	86	0.186	0.615
45 CACM-1712	87	0.184	0.615
45 CACM-1518	88	0.182	0.615
45 CACM-0855	89	0.18	0.615
45 CACM-1936	90	0.178	0.615
45 CACM-2406	91	0.176	0.615
45 CACM-1938	92	0.174	0.615
45 CACM-2976	93	0.172	0.615
45 CACM-2344	94	0.17	0.615
45 CACM-1534	95	0.168	0.615
45 CACM-0492	96	0.167	0.615
45 CACM-3070	97	0.165	0.615
45 CACM-2947	98	0.163	0.615
45 CACM-3087	99	0.162	0.615
45 CACM-1719	100	0.16	0.615
48 CACM-1759	1	0	0
48 CACM-2056	2	0	0
48 CACM-2589	3	0.333	0.083
48 CACM-1797	4	0.5	0.167
48 CACM-1666	5	0.6	0.25
48 CACM-1899	6	0.5	0.25
48 CACM-1863	7	0.571	0.333
48 CACM-1729	8	0.625	0.417
48 CACM-2223	9	0.667	0.5
48 CACM-1880	10	0.6	0.5
48 CACM-2475	11	0.545	0.5
48 CACM-1914	12	0.5	0.5
48 CACM-2509	13	0.462	0.5

System 1

48 CACM-1734	14	0.429	0.5
48 CACM-2431	15	0.4	0.5
48 CACM-2510	16	0.375	0.5
48 CACM-2675	17	0.353	0.5
48 CACM-1688	18	0.333	0.5
48 CACM-2073	19	0.368	0.583
48 CACM-2362	20	0.35	0.583
48 CACM-1687	21	0.333	0.583
48 CACM-2088	22	0.318	0.583
48 CACM-1690	23	0.304	0.583
48 CACM-2226	24	0.333	0.667
48 CACM-0927	25	0.32	0.667
48 CACM-1776	26	0.308	0.667
48 CACM-2285	27	0.333	0.75
48 CACM-1873	28	0.321	0.75
48 CACM-1905	29	0.31	0.75
48 CACM-0149	30	0.3	0.75
48 CACM-2324	31	0.29	0.75
48 CACM-2284	32	0.281	0.75
48 CACM-2592	33	0.273	0.75
48 CACM-2094	34	0.265	0.75
48 CACM-1353	35	0.286	0.833
48 CACM-2904	36	0.278	0.833
48 CACM-1370	37	0.27	0.833
48 CACM-2417	38	0.263	0.833
48 CACM-2405	39	0.256	0.833
48 CACM-1883	40	0.25	0.833
48 CACM-1342	41	0.244	0.833
48 CACM-2009	42	0.238	0.833
48 CACM-1744	43	0.233	0.833
48 CACM-2325	44	0.25	0.917
48 CACM-2040	45	0.244	0.917
48 CACM-1982	46	0.239	0.917
48 CACM-1336	47	0.234	0.917
48 CACM-2507	48	0.229	0.917
48 CACM-2206	49	0.224	0.917
48 CACM-2395	50	0.22	0.917
48 CACM-2766	51	0.216	0.917
48 CACM-2331	52	0.212	0.917
48 CACM-2665	53	0.208	0.917
48 CACM-1985	54	0.204	0.917
48 CACM-2830	55	0.2	0.917
48 CACM-2642	56	0.196	0.917
48 CACM-1171	57	0.193	0.917
48 CACM-0131	58	0.19	0.917
48 CACM-2014	59	0.186	0.917
48 CACM-1406	60	0.183	0.917
48 CACM-2110	61	0.18	0.917
48 CACM-1817	62	0.177	0.917

System 1

48 CACM-0558	63	0.175	0.917
48 CACM-2824	64	0.172	0.917
48 CACM-2511	65	0.169	0.917
48 CACM-1227	66	0.167	0.917
48 CACM-0302	67	0.164	0.917
48 CACM-0613	68	0.162	0.917
48 CACM-1452	69	0.159	0.917
48 CACM-0465	70	0.157	0.917
48 CACM-0456	71	0.155	0.917
48 CACM-2562	72	0.153	0.917
48 CACM-1240	73	0.151	0.917
48 CACM-0418	74	0.149	0.917
48 CACM-0509	75	0.147	0.917
48 CACM-1123	76	0.145	0.917
48 CACM-2974	77	0.143	0.917
48 CACM-3138	78	0.141	0.917
48 CACM-0486	79	0.139	0.917
48 CACM-0128	80	0.138	0.917
48 CACM-0125	81	0.136	0.917
48 CACM-0701	82	0.134	0.917
48 CACM-0886	83	0.133	0.917
48 CACM-0939	84	0.131	0.917
48 CACM-0712	85	0.129	0.917
48 CACM-0713	86	0.128	0.917
48 CACM-0424	87	0.126	0.917
48 CACM-0423	88	0.125	0.917
48 CACM-0744	89	0.124	0.917
48 CACM-1586	90	0.122	0.917
48 CACM-0645	91	0.121	0.917
48 CACM-0706	92	0.12	0.917
48 CACM-0446	93	0.118	0.917
48 CACM-1376	94	0.117	0.917
48 CACM-0837	95	0.116	0.917
48 CACM-1156	96	0.115	0.917
48 CACM-0259	97	0.113	0.917
48 CACM-1478	98	0.112	0.917
48 CACM-2761	99	0.111	0.917
48 CACM-0467	100	0.11	0.917
49 CACM-2990	1	0	0
49 CACM-3012	2	0	0
49 CACM-2882	3	0	0
49 CACM-1699	4	0	0
49 CACM-3134	5	0	0
49 CACM-1457	6	0	0
49 CACM-1032	7	0	0
49 CACM-1514	8	0	0
49 CACM-2795	9	0.111	0.125
49 CACM-2307	10	0.1	0.125
49 CACM-1681	11	0.182	0.25

System 1

49 CACM-2160	12	0.167	0.25
49 CACM-1935	13	0.154	0.25
49 CACM-2288	14	0.143	0.25
49 CACM-2390	15	0.2	0.375
49 CACM-2846	16	0.188	0.375
49 CACM-2631	17	0.176	0.375
49 CACM-0239	18	0.167	0.375
49 CACM-1236	19	0.158	0.375
49 CACM-2519	20	0.15	0.375
49 CACM-2163	21	0.143	0.375
49 CACM-2479	22	0.136	0.375
49 CACM-0440	23	0.13	0.375
49 CACM-1725	24	0.125	0.375
49 CACM-0891	25	0.12	0.375
49 CACM-2711	26	0.115	0.375
49 CACM-2561	27	0.148	0.5
49 CACM-1959	28	0.143	0.5
49 CACM-1927	29	0.138	0.5
49 CACM-2198	30	0.133	0.5
49 CACM-2140	31	0.129	0.5
49 CACM-1652	32	0.125	0.5
49 CACM-2451	33	0.121	0.5
49 CACM-1627	34	0.118	0.5
49 CACM-2947	35	0.114	0.5
49 CACM-1415	36	0.111	0.5
49 CACM-2046	37	0.108	0.5
49 CACM-1233	38	0.105	0.5
49 CACM-1527	39	0.103	0.5
49 CACM-1937	40	0.1	0.5
49 CACM-2832	41	0.122	0.625
49 CACM-2516	42	0.119	0.625
49 CACM-2455	43	0.116	0.625
49 CACM-3090	44	0.114	0.625
49 CACM-1359	45	0.111	0.625
49 CACM-2852	46	0.109	0.625
49 CACM-1976	47	0.106	0.625
49 CACM-1267	48	0.104	0.625
49 CACM-2358	49	0.102	0.625
49 CACM-2127	50	0.12	0.75
49 CACM-1199	51	0.118	0.75
49 CACM-2812	52	0.115	0.75
49 CACM-2650	53	0.113	0.75
49 CACM-3177	54	0.111	0.75
49 CACM-0651	55	0.109	0.75
49 CACM-2870	56	0.107	0.75
49 CACM-2978	57	0.105	0.75
49 CACM-1349	58	0.103	0.75
49 CACM-1675	59	0.102	0.75
49 CACM-0982	60	0.1	0.75

System 1

49 CACM-2522	61	0.098	0.75
49 CACM-2741	62	0.097	0.75
49 CACM-1680	63	0.095	0.75
49 CACM-3011	64	0.094	0.75
49 CACM-2318	65	0.092	0.75
49 CACM-2985	66	0.091	0.75
49 CACM-2111	67	0.09	0.75
49 CACM-1745	68	0.088	0.75
49 CACM-2888	69	0.087	0.75
49 CACM-1747	70	0.086	0.75
49 CACM-1751	71	0.085	0.75
49 CACM-1194	72	0.083	0.75
49 CACM-3181	73	0.082	0.75
49 CACM-1625	74	0.081	0.75
49 CACM-3100	75	0.08	0.75
49 CACM-1846	76	0.079	0.75
49 CACM-2572	77	0.078	0.75
49 CACM-3135	78	0.077	0.75
49 CACM-1387	79	0.076	0.75
49 CACM-2626	80	0.075	0.75
49 CACM-2623	81	0.074	0.75
49 CACM-2876	82	0.073	0.75
49 CACM-1541	83	0.072	0.75
49 CACM-1750	84	0.071	0.75
49 CACM-2168	85	0.071	0.75
49 CACM-0616	86	0.07	0.75
49 CACM-3137	87	0.069	0.75
49 CACM-2987	88	0.068	0.75
49 CACM-2308	89	0.067	0.75
49 CACM-0730	90	0.067	0.75
49 CACM-1711	91	0.066	0.75
49 CACM-2765	92	0.065	0.75
49 CACM-2746	93	0.065	0.75
49 CACM-2407	94	0.064	0.75
49 CACM-2372	95	0.063	0.75
49 CACM-0619	96	0.062	0.75
49 CACM-0634	97	0.062	0.75
49 CACM-2319	98	0.061	0.75
49 CACM-2916	99	0.061	0.75
49 CACM-2033	100	0.06	0.75
57 CACM-3077	1	1	1
57 CACM-3140	2	0.5	1
57 CACM-1705	3	0.333	1
57 CACM-2705	4	0.25	1
57 CACM-2700	5	0.2	1
57 CACM-2802	6	0.167	1
57 CACM-2850	7	0.143	1
57 CACM-1469	8	0.125	1
57 CACM-2922	9	0.111	1

System 1

57 CACM-2981	10	0.1	1
57 CACM-3036	11	0.091	1
57 CACM-3103	12	0.083	1
57 CACM-3154	13	0.077	1
57 CACM-2219	14	0.071	1
57 CACM-3121	15	0.067	1
57 CACM-3069	16	0.062	1
57 CACM-3078	17	0.059	1
57 CACM-2876	18	0.056	1
57 CACM-1677	19	0.053	1
57 CACM-3150	20	0.05	1
57 CACM-1977	21	0.048	1
57 CACM-1458	22	0.045	1
57 CACM-3138	23	0.043	1
57 CACM-3031	24	0.042	1
57 CACM-1680	25	0.04	1
57 CACM-3148	26	0.038	1
57 CACM-1470	27	0.037	1
57 CACM-2113	28	0.036	1
57 CACM-2645	29	0.034	1
57 CACM-2470	30	0.033	1
57 CACM-2931	31	0.032	1
57 CACM-1155	32	0.031	1
57 CACM-2148	33	0.03	1
57 CACM-3120	34	0.029	1
57 CACM-0196	35	0.029	1
57 CACM-2943	36	0.028	1
57 CACM-1764	37	0.027	1
57 CACM-3099	38	0.026	1
57 CACM-3033	39	0.026	1
57 CACM-1834	40	0.025	1
57 CACM-3002	41	0.024	1
57 CACM-2864	42	0.024	1
57 CACM-2175	43	0.023	1
57 CACM-2060	44	0.023	1
57 CACM-2886	45	0.022	1
57 CACM-3145	46	0.022	1
57 CACM-1695	47	0.021	1
57 CACM-3059	48	0.021	1
57 CACM-0796	49	0.02	1
57 CACM-1811	50	0.02	1
57 CACM-2716	51	0.02	1
57 CACM-2181	52	0.019	1
57 CACM-1354	53	0.019	1
57 CACM-3091	54	0.019	1
57 CACM-0616	55	0.018	1
57 CACM-2937	56	0.018	1
57 CACM-3093	57	0.018	1
57 CACM-2972	58	0.017	1

System 1

57 CACM-1162	59	0.017	1
57 CACM-1029	60	0.017	1
57 CACM-2097	61	0.016	1
57 CACM-1630	62	0.016	1
57 CACM-2542	63	0.016	1
57 CACM-1323	64	0.016	1
57 CACM-1890	65	0.015	1
57 CACM-3106	66	0.015	1
57 CACM-2898	67	0.015	1
57 CACM-3080	68	0.015	1
57 CACM-3049	69	0.014	1
57 CACM-1805	70	0.014	1
57 CACM-3142	71	0.014	1
57 CACM-2020	72	0.014	1
57 CACM-2189	73	0.014	1
57 CACM-1350	74	0.014	1
57 CACM-3133	75	0.013	1
57 CACM-2883	76	0.013	1
57 CACM-2344	77	0.013	1
57 CACM-3014	78	0.013	1
57 CACM-3144	79	0.013	1
57 CACM-1391	80	0.013	1
57 CACM-1698	81	0.012	1
57 CACM-1835	82	0.012	1
57 CACM-1046	83	0.012	1
57 CACM-3105	84	0.012	1
57 CACM-3052	85	0.012	1
57 CACM-0071	86	0.012	1
57 CACM-1327	87	0.011	1
57 CACM-2971	88	0.011	1
57 CACM-1591	89	0.011	1
57 CACM-3054	90	0.011	1
57 CACM-2342	91	0.011	1
57 CACM-1988	92	0.011	1
57 CACM-2083	93	0.011	1
57 CACM-3146	94	0.011	1
57 CACM-2856	95	0.011	1
57 CACM-1135	96	0.01	1
57 CACM-1170	97	0.01	1
57 CACM-1700	98	0.01	1
57 CACM-1693	99	0.01	1
57 CACM-1703	100	0.01	1
58 CACM-2634	1	1	0.033
58 CACM-1344	2	1	0.067
58 CACM-1709	3	1	0.1
58 CACM-2825	4	1	0.133
58 CACM-1631	5	1	0.167
58 CACM-1420	6	1	0.2
58 CACM-1398	7	1	0.233

System 1

58 CACM-1637	8	0.875	0.233
58 CACM-1474	9	0.778	0.233
58 CACM-1171	10	0.7	0.233
58 CACM-1816	11	0.636	0.233
58 CACM-0069	12	0.583	0.233
58 CACM-2216	13	0.538	0.233
58 CACM-2395	14	0.571	0.267
58 CACM-1874	15	0.533	0.267
58 CACM-1691	16	0.562	0.3
58 CACM-3166	17	0.588	0.333
58 CACM-0382	18	0.556	0.333
58 CACM-2373	19	0.526	0.333
58 CACM-1619	20	0.55	0.367
58 CACM-0050	21	0.524	0.367
58 CACM-2525	22	0.5	0.367
58 CACM-2225	23	0.478	0.367
58 CACM-1732	24	0.458	0.367
58 CACM-1823	25	0.44	0.367
58 CACM-0942	26	0.423	0.367
58 CACM-2999	27	0.407	0.367
58 CACM-1206	28	0.393	0.367
58 CACM-1252	29	0.379	0.367
58 CACM-1946	30	0.367	0.367
58 CACM-1629	31	0.387	0.4
58 CACM-2249	32	0.406	0.433
58 CACM-2062	33	0.394	0.433
58 CACM-1604	34	0.382	0.433
58 CACM-2670	35	0.371	0.433
58 CACM-2096	36	0.361	0.433
58 CACM-0533	37	0.351	0.433
58 CACM-1848	38	0.342	0.433
58 CACM-3138	39	0.333	0.433
58 CACM-2779	40	0.325	0.433
58 CACM-2849	41	0.317	0.433
58 CACM-0536	42	0.31	0.433
58 CACM-2488	43	0.302	0.433
58 CACM-2595	44	0.295	0.433
58 CACM-0298	45	0.289	0.433
58 CACM-1443	46	0.283	0.433
58 CACM-1674	47	0.277	0.433
58 CACM-1644	48	0.271	0.433
58 CACM-1698	49	0.265	0.433
58 CACM-3092	50	0.26	0.433
58 CACM-3084	51	0.255	0.433
58 CACM-0266	52	0.25	0.433
58 CACM-2101	53	0.245	0.433
58 CACM-2679	54	0.241	0.433
58 CACM-0840	55	0.236	0.433
58 CACM-0529	56	0.232	0.433

System 1

58 CACM-2585	57	0.228	0.433
58 CACM-1366	58	0.224	0.433
58 CACM-1695	59	0.22	0.433
58 CACM-2217	60	0.217	0.433
58 CACM-2993	61	0.213	0.433
58 CACM-0432	62	0.21	0.433
58 CACM-0048	63	0.206	0.433
58 CACM-1835	64	0.203	0.433
58 CACM-1578	65	0.2	0.433
58 CACM-2884	66	0.197	0.433
58 CACM-3167	67	0.209	0.467
58 CACM-2238	68	0.206	0.467
58 CACM-0122	69	0.203	0.467
58 CACM-2418	70	0.2	0.467
58 CACM-0801	71	0.197	0.467
58 CACM-0839	72	0.194	0.467
58 CACM-0765	73	0.192	0.467
58 CACM-0126	74	0.189	0.467
58 CACM-2951	75	0.187	0.467
58 CACM-3150	76	0.184	0.467
58 CACM-0297	77	0.182	0.467
58 CACM-1598	78	0.179	0.467
58 CACM-1116	79	0.177	0.467
58 CACM-2102	80	0.175	0.467
58 CACM-1609	81	0.173	0.467
58 CACM-0884	82	0.171	0.467
58 CACM-2907	83	0.169	0.467
58 CACM-1839	84	0.167	0.467
58 CACM-2970	85	0.165	0.467
58 CACM-1423	86	0.163	0.467
58 CACM-1143	87	0.161	0.467
58 CACM-2325	88	0.159	0.467
58 CACM-0094	89	0.157	0.467
58 CACM-1632	90	0.156	0.467
58 CACM-2480	91	0.154	0.467
58 CACM-1978	92	0.152	0.467
58 CACM-2025	93	0.151	0.467
58 CACM-2843	94	0.149	0.467
58 CACM-1802	95	0.147	0.467
58 CACM-2795	96	0.146	0.467
58 CACM-1876	97	0.144	0.467
58 CACM-0495	98	0.143	0.467
58 CACM-1986	99	0.141	0.467
58 CACM-3190	100	0.14	0.467
59 CACM-1456	1	1	0.023
59 CACM-1235	2	1	0.047
59 CACM-2905	3	1	0.07
59 CACM-2437	4	0.75	0.07
59 CACM-0144	5	0.6	0.07

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59 CACM-2127	6	0.667	0.093
59 CACM-1855	7	0.714	0.116
59 CACM-3087	8	0.625	0.116
59 CACM-1112	9	0.667	0.14
59 CACM-1681	10	0.6	0.14
59 CACM-1700	11	0.636	0.163
59 CACM-2203	12	0.667	0.186
59 CACM-2032	13	0.692	0.209
59 CACM-2111	14	0.714	0.233
59 CACM-1457	15	0.733	0.256
59 CACM-2991	16	0.75	0.279
59 CACM-3041	17	0.706	0.279
59 CACM-3046	18	0.667	0.279
59 CACM-2846	19	0.632	0.279
59 CACM-2688	20	0.6	0.279
59 CACM-2307	21	0.571	0.279
59 CACM-2050	22	0.545	0.279
59 CACM-0944	23	0.522	0.279
59 CACM-2484	24	0.5	0.279
59 CACM-1665	25	0.48	0.279
59 CACM-3053	26	0.5	0.302
59 CACM-3134	27	0.481	0.302
59 CACM-2141	28	0.464	0.302
59 CACM-2258	29	0.448	0.302
59 CACM-2646	30	0.433	0.302
59 CACM-1725	31	0.419	0.302
59 CACM-1324	32	0.438	0.326
59 CACM-1699	33	0.424	0.326
59 CACM-0695	34	0.412	0.326
59 CACM-2559	35	0.429	0.349
59 CACM-1888	36	0.417	0.349
59 CACM-1331	37	0.405	0.349
59 CACM-2033	38	0.421	0.372
59 CACM-1032	39	0.41	0.372
59 CACM-1929	40	0.4	0.372
59 CACM-1402	41	0.39	0.372
59 CACM-1711	42	0.381	0.372
59 CACM-1527	43	0.372	0.372
59 CACM-2274	44	0.386	0.395
59 CACM-2107	45	0.4	0.419
59 CACM-1808	46	0.391	0.419
59 CACM-1886	47	0.383	0.419
59 CACM-2091	48	0.375	0.419
59 CACM-2153	49	0.367	0.419
59 CACM-3126	50	0.38	0.442
59 CACM-1856	51	0.373	0.442
59 CACM-2623	52	0.365	0.442
59 CACM-1441	53	0.358	0.442
59 CACM-2683	54	0.352	0.442

System 1

59 CACM-1236	55	0.345	0.442
59 CACM-2229	56	0.339	0.442
59 CACM-2267	57	0.333	0.442
59 CACM-1517	58	0.328	0.442
59 CACM-2795	59	0.322	0.442
59 CACM-2532	60	0.333	0.465
59 CACM-2860	61	0.328	0.465
59 CACM-2572	62	0.323	0.465
59 CACM-3139	63	0.317	0.465
59 CACM-2650	64	0.312	0.465
59 CACM-2968	65	0.308	0.465
59 CACM-2711	66	0.303	0.465
59 CACM-1645	67	0.299	0.465
59 CACM-1620	68	0.294	0.465
59 CACM-1051	69	0.29	0.465
59 CACM-2753	70	0.286	0.465
59 CACM-2989	71	0.282	0.465
59 CACM-1629	72	0.278	0.465
59 CACM-1486	73	0.274	0.465
59 CACM-0440	74	0.27	0.465
59 CACM-2631	75	0.28	0.488
59 CACM-2517	76	0.276	0.488
59 CACM-2931	77	0.273	0.488
59 CACM-2092	78	0.282	0.512
59 CACM-2543	79	0.291	0.535
59 CACM-2046	80	0.287	0.535
59 CACM-2273	81	0.284	0.535
59 CACM-2819	82	0.28	0.535
59 CACM-2978	83	0.277	0.535
59 CACM-1504	84	0.274	0.535
59 CACM-2396	85	0.271	0.535
59 CACM-2923	86	0.267	0.535
59 CACM-1601	87	0.264	0.535
59 CACM-2987	88	0.261	0.535
59 CACM-2883	89	0.258	0.535
59 CACM-2924	90	0.256	0.535
59 CACM-2633	91	0.253	0.535
59 CACM-0096	92	0.25	0.535
59 CACM-2139	93	0.247	0.535
59 CACM-2160	94	0.245	0.535
59 CACM-2990	95	0.242	0.535
59 CACM-2233	96	0.24	0.535
59 CACM-1650	97	0.237	0.535
59 CACM-3098	98	0.235	0.535
59 CACM-2412	99	0.242	0.558
59 CACM-1930	100	0.24	0.558
60 CACM-3087	1	1	0.037
60 CACM-2882	2	1	0.074
60 CACM-2716	3	1	0.111

System 1

60 CACM-2816	4	1	0.148
60 CACM-2876	5	0.8	0.148
60 CACM-2888	6	0.667	0.148
60 CACM-2817	7	0.714	0.185
60 CACM-2957	8	0.75	0.222
60 CACM-2715	9	0.778	0.259
60 CACM-3089	10	0.7	0.259
60 CACM-2718	11	0.727	0.296
60 CACM-2976	12	0.75	0.333
60 CACM-2710	13	0.769	0.37
60 CACM-2812	14	0.714	0.37
60 CACM-3049	15	0.667	0.37
60 CACM-2967	16	0.625	0.37
60 CACM-2959	17	0.647	0.407
60 CACM-3112	18	0.611	0.407
60 CACM-2516	19	0.632	0.444
60 CACM-3137	20	0.65	0.481
60 CACM-3026	21	0.619	0.481
60 CACM-2988	22	0.591	0.481
60 CACM-2964	23	0.609	0.519
60 CACM-3142	24	0.583	0.519
60 CACM-3025	25	0.56	0.519
60 CACM-3164	26	0.538	0.519
60 CACM-3136	27	0.519	0.519
60 CACM-0695	28	0.5	0.519
60 CACM-1844	29	0.483	0.519
60 CACM-3070	30	0.467	0.519
60 CACM-2424	31	0.452	0.519
60 CACM-1572	32	0.438	0.519
60 CACM-1752	33	0.424	0.519
60 CACM-1695	34	0.412	0.519
60 CACM-2198	35	0.429	0.556
60 CACM-2319	36	0.417	0.556
60 CACM-2188	37	0.405	0.556
60 CACM-3059	38	0.395	0.556
60 CACM-2482	39	0.385	0.556
60 CACM-2298	40	0.375	0.556
60 CACM-2375	41	0.366	0.556
60 CACM-2846	42	0.357	0.556
60 CACM-1754	43	0.349	0.556
60 CACM-2951	44	0.341	0.556
60 CACM-2928	45	0.333	0.556
60 CACM-0696	46	0.326	0.556
60 CACM-1518	47	0.319	0.556
60 CACM-0616	48	0.312	0.556
60 CACM-3092	49	0.306	0.556
60 CACM-2372	50	0.3	0.556
60 CACM-2740	51	0.294	0.556
60 CACM-2738	52	0.288	0.556

System 1

60 CACM-2717	53	0.302	0.593
60 CACM-2358	54	0.296	0.593
60 CACM-2828	55	0.291	0.593
60 CACM-2311	56	0.286	0.593
60 CACM-1901	57	0.281	0.593
60 CACM-1680	58	0.276	0.593
60 CACM-3128	59	0.271	0.593
60 CACM-2541	60	0.267	0.593
60 CACM-2359	61	0.262	0.593
60 CACM-2680	62	0.258	0.593
60 CACM-2345	63	0.254	0.593
60 CACM-2138	64	0.25	0.593
60 CACM-3084	65	0.246	0.593
60 CACM-1959	66	0.242	0.593
60 CACM-1033	67	0.239	0.593
60 CACM-3150	68	0.235	0.593
60 CACM-1685	69	0.232	0.593
60 CACM-3067	70	0.229	0.593
60 CACM-3058	71	0.225	0.593
60 CACM-3134	72	0.222	0.593
60 CACM-1751	73	0.219	0.593
60 CACM-3050	74	0.216	0.593
60 CACM-2720	75	0.213	0.593
60 CACM-2669	76	0.211	0.593
60 CACM-1489	77	0.208	0.593
60 CACM-3090	78	0.205	0.593
60 CACM-2106	79	0.203	0.593
60 CACM-2955	80	0.2	0.593
60 CACM-2407	81	0.198	0.593
60 CACM-1912	82	0.195	0.593
60 CACM-1892	83	0.193	0.593
60 CACM-1774	84	0.19	0.593
60 CACM-2852	85	0.188	0.593
60 CACM-2985	86	0.186	0.593
60 CACM-2127	87	0.184	0.593
60 CACM-2625	88	0.182	0.593
60 CACM-2479	89	0.18	0.593
60 CACM-2500	90	0.178	0.593
60 CACM-2948	91	0.176	0.593
60 CACM-2002	92	0.174	0.593
60 CACM-3082	93	0.172	0.593
60 CACM-3153	94	0.17	0.593
60 CACM-0585	95	0.168	0.593
60 CACM-2396	96	0.167	0.593
60 CACM-2377	97	0.175	0.63
60 CACM-2786	98	0.173	0.63
60 CACM-2741	99	0.172	0.63
60 CACM-2317	100	0.17	0.63
61 CACM-0634	1	0	0

System 1

61 CACM-2711	2	0.5	0.032
61 CACM-2307	3	0.667	0.065
61 CACM-1927	4	0.75	0.097
61 CACM-1457	5	0.8	0.129
61 CACM-1236	6	0.833	0.161
61 CACM-3134	7	0.857	0.194
61 CACM-2114	8	0.75	0.194
61 CACM-2990	9	0.778	0.226
61 CACM-2140	10	0.7	0.226
61 CACM-1830	11	0.727	0.258
61 CACM-1935	12	0.667	0.258
61 CACM-2451	13	0.692	0.29
61 CACM-2631	14	0.714	0.323
61 CACM-2160	15	0.733	0.355
61 CACM-2882	16	0.688	0.355
61 CACM-2288	17	0.647	0.355
61 CACM-2561	18	0.611	0.355
61 CACM-2278	19	0.579	0.355
61 CACM-1976	20	0.6	0.387
61 CACM-2976	21	0.619	0.419
61 CACM-0239	22	0.591	0.419
61 CACM-1699	23	0.565	0.419
61 CACM-2991	24	0.542	0.419
61 CACM-2516	25	0.52	0.419
61 CACM-2746	26	0.5	0.419
61 CACM-1681	27	0.481	0.419
61 CACM-1194	28	0.464	0.419
61 CACM-2965	29	0.483	0.452
61 CACM-3168	30	0.5	0.484
61 CACM-2947	31	0.484	0.484
61 CACM-3169	32	0.5	0.516
61 CACM-0891	33	0.485	0.516
61 CACM-2765	34	0.5	0.548
61 CACM-2070	35	0.486	0.548
61 CACM-2258	36	0.472	0.548
61 CACM-1032	37	0.486	0.581
61 CACM-3012	38	0.5	0.613
61 CACM-2437	39	0.487	0.613
61 CACM-2575	40	0.5	0.645
61 CACM-2688	41	0.488	0.645
61 CACM-2493	42	0.476	0.645
61 CACM-1700	43	0.465	0.645
61 CACM-2916	44	0.455	0.645
61 CACM-2722	45	0.444	0.645
61 CACM-0944	46	0.435	0.645
61 CACM-2978	47	0.426	0.645
61 CACM-2519	48	0.417	0.645
61 CACM-3129	49	0.408	0.645
61 CACM-2203	50	0.4	0.645

System 1

61 CACM-0397	51	0.392	0.645
61 CACM-0651	52	0.385	0.645
61 CACM-2781	53	0.377	0.645
61 CACM-2968	54	0.37	0.645
61 CACM-1725	55	0.364	0.645
61 CACM-1514	56	0.375	0.677
61 CACM-1359	57	0.368	0.677
61 CACM-2455	58	0.362	0.677
61 CACM-1271	59	0.356	0.677
61 CACM-2033	60	0.35	0.677
61 CACM-2846	61	0.344	0.677
61 CACM-0440	62	0.339	0.677
61 CACM-0275	63	0.333	0.677
61 CACM-2139	64	0.328	0.677
61 CACM-2109	65	0.323	0.677
61 CACM-2547	66	0.318	0.677
61 CACM-2484	67	0.313	0.677
61 CACM-1652	68	0.309	0.677
61 CACM-2141	69	0.304	0.677
61 CACM-2987	70	0.3	0.677
61 CACM-2251	71	0.296	0.677
61 CACM-1808	72	0.292	0.677
61 CACM-1680	73	0.288	0.677
61 CACM-1937	74	0.284	0.677
61 CACM-2832	75	0.28	0.677
61 CACM-2532	76	0.276	0.677
61 CACM-1916	77	0.273	0.677
61 CACM-0292	78	0.269	0.677
61 CACM-1831	79	0.266	0.677
61 CACM-2795	80	0.263	0.677
61 CACM-1627	81	0.259	0.677
61 CACM-2157	82	0.256	0.677
61 CACM-2032	83	0.253	0.677
61 CACM-3137	84	0.25	0.677
61 CACM-2107	85	0.247	0.677
61 CACM-3041	86	0.244	0.677
61 CACM-2388	87	0.241	0.677
61 CACM-2530	88	0.239	0.677
61 CACM-2018	89	0.236	0.677
61 CACM-3084	90	0.233	0.677
61 CACM-2623	91	0.231	0.677
61 CACM-2552	92	0.228	0.677
61 CACM-2046	93	0.226	0.677
61 CACM-1527	94	0.223	0.677
61 CACM-2412	95	0.221	0.677
61 CACM-1287	96	0.219	0.677
61 CACM-1675	97	0.227	0.71
61 CACM-3135	98	0.224	0.71
61 CACM-1506	99	0.222	0.71

System 1

61 CACM-1456	100	0.22	0.71
62 CACM-2685	1	0	0
62 CACM-3156	2	0.5	0.125
62 CACM-2266	3	0.333	0.125
62 CACM-1158	4	0.25	0.125
62 CACM-2896	5	0.2	0.125
62 CACM-2342	6	0.167	0.125
62 CACM-2401	7	0.143	0.125
62 CACM-1601	8	0.25	0.25
62 CACM-2714	9	0.333	0.375
62 CACM-2865	10	0.3	0.375
62 CACM-0320	11	0.273	0.375
62 CACM-1262	12	0.25	0.375
62 CACM-2973	13	0.231	0.375
62 CACM-2785	14	0.214	0.375
62 CACM-1828	15	0.2	0.375
62 CACM-3059	16	0.188	0.375
62 CACM-1368	17	0.176	0.375
62 CACM-3075	18	0.222	0.5
62 CACM-1302	19	0.211	0.5
62 CACM-1795	20	0.2	0.5
62 CACM-1468	21	0.19	0.5
62 CACM-2895	22	0.182	0.5
62 CACM-0950	23	0.174	0.5
62 CACM-1961	24	0.167	0.5
62 CACM-1603	25	0.16	0.5
62 CACM-2195	26	0.154	0.5
62 CACM-1536	27	0.148	0.5
62 CACM-2851	28	0.143	0.5
62 CACM-2557	29	0.138	0.5
62 CACM-1569	30	0.133	0.5
62 CACM-2289	31	0.161	0.625
62 CACM-1747	32	0.156	0.625
62 CACM-1856	33	0.152	0.625
62 CACM-2570	34	0.147	0.625
62 CACM-2700	35	0.143	0.625
62 CACM-2932	36	0.139	0.625
62 CACM-1613	37	0.135	0.625
62 CACM-2433	38	0.132	0.625
62 CACM-2580	39	0.128	0.625
62 CACM-3073	40	0.125	0.625
62 CACM-2648	41	0.122	0.625
62 CACM-1957	42	0.119	0.625
62 CACM-1008	43	0.116	0.625
62 CACM-2838	44	0.114	0.625
62 CACM-1471	45	0.111	0.625
62 CACM-2898	46	0.109	0.625
62 CACM-1911	47	0.106	0.625
62 CACM-2175	48	0.104	0.625

System 1

62 CACM-2515	49	0.102	0.625
62 CACM-2327	50	0.1	0.625
62 CACM-1959	51	0.098	0.625
62 CACM-0141	52	0.096	0.625
62 CACM-0392	53	0.094	0.625
62 CACM-1554	54	0.093	0.625
62 CACM-2430	55	0.091	0.625
62 CACM-1846	56	0.089	0.625
62 CACM-2740	57	0.088	0.625
62 CACM-1200	58	0.086	0.625
62 CACM-2727	59	0.085	0.625
62 CACM-2182	60	0.083	0.625
62 CACM-2080	61	0.082	0.625
62 CACM-2200	62	0.081	0.625
62 CACM-3175	63	0.079	0.625
62 CACM-1935	64	0.078	0.625
62 CACM-1567	65	0.077	0.625
62 CACM-1334	66	0.076	0.625
62 CACM-2134	67	0.075	0.625
62 CACM-2059	68	0.074	0.625
62 CACM-1825	69	0.072	0.625
62 CACM-1111	70	0.071	0.625
62 CACM-2723	71	0.07	0.625
62 CACM-2220	72	0.069	0.625
62 CACM-2114	73	0.068	0.625
62 CACM-1424	74	0.068	0.625
62 CACM-1398	75	0.067	0.625
62 CACM-1409	76	0.066	0.625
62 CACM-2015	77	0.065	0.625
62 CACM-2712	78	0.064	0.625
62 CACM-2720	79	0.063	0.625
62 CACM-2376	80	0.062	0.625
62 CACM-1048	81	0.062	0.625
62 CACM-3044	82	0.061	0.625
62 CACM-1429	83	0.06	0.625
62 CACM-0678	84	0.06	0.625
62 CACM-2924	85	0.059	0.625
62 CACM-2227	86	0.058	0.625
62 CACM-1960	87	0.057	0.625
62 CACM-2323	88	0.057	0.625
62 CACM-1928	89	0.056	0.625
62 CACM-2449	90	0.056	0.625
62 CACM-1854	91	0.055	0.625
62 CACM-2545	92	0.054	0.625
62 CACM-2255	93	0.054	0.625
62 CACM-2030	94	0.053	0.625
62 CACM-1725	95	0.053	0.625
62 CACM-2164	96	0.052	0.625
62 CACM-2927	97	0.052	0.625

System 1

62 CACM-2454	98	0.051	0.625
62 CACM-1504	99	0.051	0.625
62 CACM-2133	100	0.05	0.625
63 CACM-2973	1	1	0.083
63 CACM-3075	2	1	0.167
63 CACM-2266	3	1	0.25
63 CACM-2289	4	1	0.333
63 CACM-1601	5	1	0.417
63 CACM-2896	6	0.833	0.417
63 CACM-2557	7	0.857	0.5
63 CACM-1795	8	0.875	0.583
63 CACM-1158	9	0.778	0.583
63 CACM-1468	10	0.7	0.583
63 CACM-2785	11	0.636	0.583
63 CACM-2685	12	0.583	0.583
63 CACM-0950	13	0.538	0.583
63 CACM-3156	14	0.571	0.667
63 CACM-3059	15	0.533	0.667
63 CACM-1262	16	0.5	0.667
63 CACM-2570	17	0.471	0.667
63 CACM-2714	18	0.5	0.75
63 CACM-2895	19	0.474	0.75
63 CACM-2433	20	0.45	0.75
63 CACM-2838	21	0.429	0.75
63 CACM-2700	22	0.409	0.75
63 CACM-2342	23	0.391	0.75
63 CACM-1828	24	0.375	0.75
63 CACM-2401	25	0.36	0.75
63 CACM-1957	26	0.346	0.75
63 CACM-2865	27	0.333	0.75
63 CACM-2851	28	0.321	0.75
63 CACM-1536	29	0.31	0.75
63 CACM-1302	30	0.3	0.75
63 CACM-2114	31	0.29	0.75
63 CACM-1569	32	0.281	0.75
63 CACM-2195	33	0.273	0.75
63 CACM-3073	34	0.265	0.75
63 CACM-3166	35	0.257	0.75
63 CACM-2884	36	0.25	0.75
63 CACM-2723	37	0.243	0.75
63 CACM-1747	38	0.237	0.75
63 CACM-1471	39	0.231	0.75
63 CACM-2692	40	0.225	0.75
63 CACM-2263	41	0.22	0.75
63 CACM-0320	42	0.214	0.75
63 CACM-2080	43	0.209	0.75
63 CACM-2325	44	0.205	0.75
63 CACM-1411	45	0.2	0.75
63 CACM-2950	46	0.196	0.75

System 1

63 CACM-2175	47	0.191	0.75
63 CACM-3131	48	0.188	0.75
63 CACM-0141	49	0.184	0.75
63 CACM-2490	50	0.18	0.75
63 CACM-1554	51	0.176	0.75
63 CACM-0392	52	0.173	0.75
63 CACM-2767	53	0.17	0.75
63 CACM-1658	54	0.167	0.75
63 CACM-1603	55	0.164	0.75
63 CACM-2819	56	0.161	0.75
63 CACM-2898	57	0.158	0.75
63 CACM-2679	58	0.155	0.75
63 CACM-1846	59	0.153	0.75
63 CACM-1551	60	0.15	0.75
63 CACM-2740	61	0.148	0.75
63 CACM-1959	62	0.145	0.75
63 CACM-2182	63	0.143	0.75
63 CACM-2283	64	0.141	0.75
63 CACM-2135	65	0.138	0.75
63 CACM-2337	66	0.136	0.75
63 CACM-3006	67	0.134	0.75
63 CACM-2627	68	0.132	0.75
63 CACM-1200	69	0.13	0.75
63 CACM-1008	70	0.129	0.75
63 CACM-3044	71	0.127	0.75
63 CACM-2276	72	0.125	0.75
63 CACM-1924	73	0.123	0.75
63 CACM-2863	74	0.122	0.75
63 CACM-2426	75	0.12	0.75
63 CACM-1613	76	0.118	0.75
63 CACM-0371	77	0.117	0.75
63 CACM-0409	78	0.115	0.75
63 CACM-2630	79	0.114	0.75
63 CACM-2146	80	0.113	0.75
63 CACM-1392	81	0.111	0.75
63 CACM-2454	82	0.11	0.75
63 CACM-2273	83	0.108	0.75
63 CACM-2997	84	0.107	0.75
63 CACM-2226	85	0.106	0.75
63 CACM-2828	86	0.105	0.75
63 CACM-2932	87	0.103	0.75
63 CACM-2727	88	0.102	0.75
63 CACM-1171	89	0.101	0.75
63 CACM-2030	90	0.1	0.75
63 CACM-1409	91	0.099	0.75
63 CACM-2200	92	0.098	0.75
63 CACM-2376	93	0.097	0.75
63 CACM-1928	94	0.096	0.75
63 CACM-2402	95	0.095	0.75

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63 CACM-1854	96	0.094	0.75
63 CACM-3038	97	0.093	0.75
63 CACM-2389	98	0.092	0.75
63 CACM-2081	99	0.091	0.75
63 CACM-2902	100	0.09	0.75
64 CACM-2651	1	1	1
64 CACM-1878	2	0.5	1
64 CACM-0595	3	0.333	1
64 CACM-1051	4	0.25	1
64 CACM-1614	5	0.2	1
64 CACM-2513	6	0.167	1
64 CACM-3142	7	0.143	1
64 CACM-0497	8	0.125	1
64 CACM-1957	9	0.111	1
64 CACM-1046	10	0.1	1
64 CACM-3144	11	0.091	1
64 CACM-1717	12	0.083	1
64 CACM-2317	13	0.077	1
64 CACM-1264	14	0.071	1
64 CACM-2060	15	0.067	1
64 CACM-1459	16	0.062	1
64 CACM-0598	17	0.059	1
64 CACM-1853	18	0.056	1
64 CACM-2723	19	0.053	1
64 CACM-2177	20	0.05	1
64 CACM-2766	21	0.048	1
64 CACM-1588	22	0.045	1
64 CACM-2305	23	0.043	1
64 CACM-2993	24	0.042	1
64 CACM-2484	25	0.04	1
64 CACM-1083	26	0.038	1
64 CACM-3106	27	0.037	1
64 CACM-2358	28	0.036	1
64 CACM-3074	29	0.034	1
64 CACM-1931	30	0.033	1
64 CACM-2051	31	0.032	1
64 CACM-3102	32	0.031	1
64 CACM-2971	33	0.03	1
64 CACM-2756	34	0.029	1
64 CACM-2390	35	0.029	1
64 CACM-2354	36	0.028	1
64 CACM-1307	37	0.027	1
64 CACM-3112	38	0.026	1
64 CACM-0944	39	0.026	1
64 CACM-1382	40	0.025	1
64 CACM-3121	41	0.024	1
64 CACM-1456	42	0.024	1
64 CACM-1012	43	0.023	1
64 CACM-1890	44	0.023	1

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64 CACM-2744	45	0.022	1
64 CACM-1643	46	0.022	1
64 CACM-3140	47	0.021	1
64 CACM-2845	48	0.021	1
64 CACM-2232	49	0.02	1
64 CACM-3069	50	0.02	1
64 CACM-2646	51	0.02	1
64 CACM-0602	52	0.019	1
64 CACM-1424	53	0.019	1
64 CACM-1486	54	0.019	1
64 CACM-1390	55	0.018	1
64 CACM-2622	56	0.018	1
64 CACM-1255	57	0.018	1
64 CACM-1216	58	0.017	1
64 CACM-0796	59	0.017	1
64 CACM-1368	60	0.017	1
64 CACM-1072	61	0.016	1
64 CACM-0397	62	0.016	1
64 CACM-2179	63	0.016	1
64 CACM-3202	64	0.016	1
64 CACM-1265	65	0.015	1
64 CACM-2855	66	0.015	1
64 CACM-0586	67	0.015	1
64 CACM-2184	68	0.015	1
64 CACM-1435	69	0.014	1
64 CACM-3189	70	0.014	1
64 CACM-2002	71	0.014	1
64 CACM-2151	72	0.014	1
64 CACM-1013	73	0.014	1
64 CACM-2966	74	0.014	1
64 CACM-3057	75	0.013	1
64 CACM-3031	76	0.013	1
64 CACM-3177	77	0.013	1
64 CACM-2373	78	0.013	1
64 CACM-0527	79	0.013	1
64 CACM-0591	80	0.013	1
64 CACM-1464	81	0.012	1
64 CACM-0596	82	0.012	1
64 CACM-3098	83	0.012	1
64 CACM-2865	84	0.012	1
64 CACM-2998	85	0.012	1
64 CACM-0865	86	0.012	1
64 CACM-0409	87	0.011	1
64 CACM-0717	88	0.011	1
64 CACM-2968	89	0.011	1
64 CACM-0864	90	0.011	1
64 CACM-1437	91	0.011	1
64 CACM-2059	92	0.011	1
64 CACM-1434	93	0.011	1

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64 CACM-2470	94	0.011	1
64 CACM-1861	95	0.011	1
64 CACM-0106	96	0.01	1
64 CACM-1847	97	0.01	1
64 CACM-1752	98	0.01	1
64 CACM-0022	99	0.01	1
64 CACM-0726	100	0.01	1