

System 4

Query ID	Doc ID	Ranking	Precision	Recall
1	CACM-2319	1	0	0
1	CACM-1410	2	0.5	0.2
1	CACM-1938	3	0.333	0.2
1	CACM-2358	4	0.5	0.4
1	CACM-1827	5	0.4	0.4
1	CACM-3023	6	0.333	0.4
1	CACM-1605	7	0.429	0.6
1	CACM-2379	8	0.375	0.6
1	CACM-1572	9	0.444	0.8
1	CACM-1747	10	0.4	0.8
1	CACM-1750	11	0.364	0.8
1	CACM-2626	12	0.333	0.8
1	CACM-2624	13	0.308	0.8
1	CACM-2188	14	0.286	0.8
1	CACM-1518	15	0.267	0.8
1	CACM-0637	16	0.25	0.8
1	CACM-2669	17	0.235	0.8
1	CACM-1728	18	0.222	0.8
1	CACM-1753	19	0.211	0.8
1	CACM-1680	20	0.2	0.8
1	CACM-2151	21	0.19	0.8
1	CACM-1542	22	0.182	0.8
1	CACM-2054	23	0.174	0.8
1	CACM-2522	24	0.167	0.8
1	CACM-3068	25	0.16	0.8
1	CACM-2951	26	0.154	0.8
1	CACM-2017	27	0.148	0.8
1	CACM-2218	28	0.143	0.8
1	CACM-2542	29	0.138	0.8
1	CACM-2535	30	0.133	0.8
1	CACM-1752	31	0.129	0.8
1	CACM-1844	32	0.125	0.8
1	CACM-2798	33	0.121	0.8
1	CACM-2988	34	0.118	0.8
1	CACM-2812	35	0.114	0.8
1	CACM-1657	36	0.111	0.8
1	CACM-2380	37	0.108	0.8
1	CACM-1506	38	0.105	0.8
1	CACM-1161	39	0.103	0.8
1	CACM-1959	40	0.1	0.8
1	CACM-1591	41	0.098	0.8
1	CACM-2344	42	0.095	0.8
1	CACM-2947	43	0.093	0.8
1	CACM-1226	44	0.091	0.8
1	CACM-3048	45	0.089	0.8
1	CACM-1247	46	0.087	0.8
1	CACM-3089	47	0.085	0.8
1	CACM-2371	48	0.083	0.8

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1 CACM-1677	49	0.082	0.8
1 CACM-2372	50	0.08	0.8
1 CACM-2424	51	0.078	0.8
1 CACM-3025	52	0.077	0.8
1 CACM-1071	53	0.075	0.8
1 CACM-2375	54	0.074	0.8
1 CACM-3137	55	0.073	0.8
1 CACM-1523	56	0.071	0.8
1 CACM-1698	57	0.07	0.8
1 CACM-0971	58	0.069	0.8
1 CACM-3012	59	0.068	0.8
1 CACM-2632	60	0.067	0.8
1 CACM-2452	61	0.066	0.8
1 CACM-2859	62	0.065	0.8
1 CACM-2105	63	0.063	0.8
1 CACM-2201	64	0.062	0.8
1 CACM-2357	65	0.062	0.8
1 CACM-1173	66	0.061	0.8
1 CACM-2378	67	0.06	0.8
1 CACM-1719	68	0.059	0.8
1 CACM-1626	69	0.058	0.8
1 CACM-2541	70	0.057	0.8
1 CACM-1033	71	0.056	0.8
1 CACM-2262	72	0.056	0.8
1 CACM-3153	73	0.055	0.8
1 CACM-2080	74	0.054	0.8
1 CACM-0696	75	0.053	0.8
1 CACM-2407	76	0.053	0.8
1 CACM-1908	77	0.052	0.8
1 CACM-1892	78	0.051	0.8
1 CACM-2740	79	0.051	0.8
1 CACM-3174	80	0.05	0.8
1 CACM-2314	81	0.049	0.8
1 CACM-1647	82	0.049	0.8
1 CACM-2888	83	0.048	0.8
1 CACM-3147	84	0.048	0.8
1 CACM-0585	85	0.047	0.8
1 CACM-2867	86	0.047	0.8
1 CACM-3072	87	0.046	0.8
1 CACM-2681	88	0.045	0.8
1 CACM-1195	89	0.045	0.8
1 CACM-1264	90	0.044	0.8
1 CACM-2288	91	0.044	0.8
1 CACM-1341	92	0.043	0.8
1 CACM-3070	93	0.043	0.8
1 CACM-2297	94	0.043	0.8
1 CACM-1526	95	0.042	0.8
1 CACM-1032	96	0.042	0.8
1 CACM-1751	97	0.041	0.8

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1 CACM-1960	98	0.041	0.8
1 CACM-2318	99	0.04	0.8
1 CACM-1393	100	0.04	0.8
2 CACM-2863	1	1	0.333
2 CACM-2434	2	1	0.667
2 CACM-3078	3	1	1
2 CACM-2668	4	0.75	1
2 CACM-2144	5	0.6	1
2 CACM-2595	6	0.5	1
2 CACM-1728	7	0.429	1
2 CACM-2812	8	0.375	1
2 CACM-2862	9	0.333	1
2 CACM-1652	10	0.3	1
2 CACM-2080	11	0.273	1
2 CACM-2914	12	0.25	1
2 CACM-1012	13	0.231	1
2 CACM-2262	14	0.214	1
2 CACM-1751	15	0.2	1
2 CACM-0497	16	0.188	1
2 CACM-1924	17	0.176	1
2 CACM-2582	18	0.167	1
2 CACM-1931	19	0.158	1
2 CACM-3157	20	0.15	1
2 CACM-1901	21	0.143	1
2 CACM-2522	22	0.136	1
2 CACM-1846	23	0.13	1
2 CACM-1747	24	0.125	1
2 CACM-2049	25	0.12	1
2 CACM-3136	26	0.115	1
2 CACM-0854	27	0.111	1
2 CACM-2996	28	0.107	1
2 CACM-2865	29	0.103	1
2 CACM-2195	30	0.1	1
2 CACM-3147	31	0.097	1
2 CACM-1978	32	0.094	1
2 CACM-2297	33	0.091	1
2 CACM-2740	34	0.088	1
2 CACM-2342	35	0.086	1
2 CACM-2498	36	0.083	1
2 CACM-1977	37	0.081	1
2 CACM-2423	38	0.079	1
2 CACM-0322	39	0.077	1
2 CACM-1473	40	0.075	1
2 CACM-0727	41	0.073	1
2 CACM-1066	42	0.071	1
2 CACM-2436	43	0.07	1
2 CACM-1844	44	0.068	1
2 CACM-2852	45	0.067	1
2 CACM-2989	46	0.065	1

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2 CACM-1307	47	0.064	1
2 CACM-2750	48	0.062	1
2 CACM-2378	49	0.061	1
2 CACM-1867	50	0.06	1
2 CACM-3129	51	0.059	1
2 CACM-1754	52	0.058	1
2 CACM-2317	53	0.057	1
2 CACM-0335	54	0.056	1
2 CACM-3050	55	0.055	1
2 CACM-1926	56	0.054	1
2 CACM-2650	57	0.053	1
2 CACM-1811	58	0.052	1
2 CACM-3006	59	0.051	1
2 CACM-0276	60	0.05	1
2 CACM-2621	61	0.049	1
2 CACM-0435	62	0.048	1
2 CACM-3190	63	0.048	1
2 CACM-3180	64	0.047	1
2 CACM-2570	65	0.046	1
2 CACM-2313	66	0.045	1
2 CACM-1341	67	0.045	1
2 CACM-1843	68	0.044	1
2 CACM-1623	69	0.043	1
2 CACM-1046	70	0.043	1
2 CACM-1910	71	0.042	1
2 CACM-2688	72	0.042	1
2 CACM-2904	73	0.041	1
2 CACM-1916	74	0.041	1
2 CACM-0695	75	0.04	1
2 CACM-1526	76	0.039	1
2 CACM-1605	77	0.039	1
2 CACM-2017	78	0.038	1
2 CACM-1854	79	0.038	1
2 CACM-1345	80	0.037	1
2 CACM-2970	81	0.037	1
2 CACM-2373	82	0.037	1
2 CACM-1610	83	0.036	1
2 CACM-0320	84	0.036	1
2 CACM-3068	85	0.035	1
2 CACM-0616	86	0.035	1
2 CACM-3005	87	0.034	1
2 CACM-0488	88	0.034	1
2 CACM-1471	89	0.034	1
2 CACM-1886	90	0.033	1
2 CACM-2714	91	0.033	1
2 CACM-2741	92	0.033	1
2 CACM-2577	93	0.032	1
2 CACM-2151	94	0.032	1
2 CACM-3059	95	0.032	1

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2 CACM-3127	96	0.031	1
2 CACM-2735	97	0.031	1
2 CACM-1518	98	0.031	1
2 CACM-1957	99	0.03	1
2 CACM-2928	100	0.03	1
3 CACM-3080	1	0	0
3 CACM-2897	2	0	0
3 CACM-0123	3	0	0
3 CACM-2423	4	0	0
3 CACM-0637	5	0	0
3 CACM-2411	6	0	0
3 CACM-1947	7	0.143	0.167
3 CACM-2929	8	0.125	0.167
3 CACM-1807	9	0.222	0.333
3 CACM-3130	10	0.2	0.333
3 CACM-2616	11	0.182	0.333
3 CACM-1223	12	0.167	0.333
3 CACM-2904	13	0.154	0.333
3 CACM-0252	14	0.143	0.333
3 CACM-1676	15	0.133	0.333
3 CACM-1542	16	0.125	0.333
3 CACM-2877	17	0.118	0.333
3 CACM-2253	18	0.111	0.333
3 CACM-2923	19	0.158	0.5
3 CACM-2064	20	0.15	0.5
3 CACM-2835	21	0.143	0.5
3 CACM-1788	22	0.136	0.5
3 CACM-2667	23	0.13	0.5
3 CACM-2433	24	0.125	0.5
3 CACM-2290	25	0.16	0.667
3 CACM-2699	26	0.154	0.667
3 CACM-3054	27	0.148	0.667
3 CACM-2495	28	0.143	0.667
3 CACM-1160	29	0.138	0.667
3 CACM-2534	30	0.133	0.667
3 CACM-1728	31	0.129	0.667
3 CACM-3104	32	0.125	0.667
3 CACM-2969	33	0.121	0.667
3 CACM-3066	34	0.118	0.667
3 CACM-2061	35	0.114	0.667
3 CACM-2939	36	0.111	0.667
3 CACM-1564	37	0.108	0.667
3 CACM-2898	38	0.105	0.667
3 CACM-1348	39	0.103	0.667
3 CACM-1647	40	0.1	0.667
3 CACM-1916	41	0.098	0.667
3 CACM-1162	42	0.095	0.667
3 CACM-1625	43	0.093	0.667
3 CACM-0205	44	0.091	0.667

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3 CACM-1659	45	0.089	0.667
3 CACM-2886	46	0.087	0.667
3 CACM-3077	47	0.085	0.667
3 CACM-2716	48	0.083	0.667
3 CACM-3069	49	0.082	0.667
3 CACM-3171	50	0.08	0.667
3 CACM-3030	51	0.078	0.667
3 CACM-1739	52	0.077	0.667
3 CACM-1927	53	0.075	0.667
3 CACM-1503	54	0.074	0.667
3 CACM-1307	55	0.073	0.667
3 CACM-3103	56	0.071	0.667
3 CACM-1195	57	0.07	0.667
3 CACM-2138	58	0.069	0.667
3 CACM-1677	59	0.068	0.667
3 CACM-3140	60	0.067	0.667
3 CACM-3124	61	0.066	0.667
3 CACM-1135	62	0.065	0.667
3 CACM-3154	63	0.063	0.667
3 CACM-0396	64	0.062	0.667
3 CACM-3125	65	0.062	0.667
3 CACM-2439	66	0.061	0.667
3 CACM-2888	67	0.06	0.667
3 CACM-2903	68	0.059	0.667
3 CACM-1795	69	0.058	0.667
3 CACM-2717	70	0.057	0.667
3 CACM-3005	71	0.056	0.667
3 CACM-2858	72	0.056	0.667
3 CACM-1173	73	0.055	0.667
3 CACM-1787	74	0.054	0.667
3 CACM-1033	75	0.053	0.667
3 CACM-2556	76	0.053	0.667
3 CACM-2812	77	0.052	0.667
3 CACM-0799	78	0.051	0.667
3 CACM-1134	79	0.063	0.833
3 CACM-2945	80	0.062	0.833
3 CACM-1551	81	0.062	0.833
3 CACM-1465	82	0.061	0.833
3 CACM-2210	83	0.06	0.833
3 CACM-0046	84	0.06	0.833
3 CACM-2864	85	0.059	0.833
3 CACM-2718	86	0.058	0.833
3 CACM-0071	87	0.057	0.833
3 CACM-2645	88	0.057	0.833
3 CACM-2943	89	0.056	0.833
3 CACM-1270	90	0.056	0.833
3 CACM-2850	91	0.055	0.833
3 CACM-1327	92	0.054	0.833
3 CACM-2820	93	0.054	0.833

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3 CACM-3189	94	0.053	0.833
3 CACM-2856	95	0.053	0.833
3 CACM-3145	96	0.052	0.833
3 CACM-1682	97	0.052	0.833
3 CACM-1809	98	0.051	0.833
3 CACM-2217	99	0.051	0.833
3 CACM-1834	100	0.05	0.833
4 CACM-3128	1	1	0.083
4 CACM-2342	2	0.5	0.083
4 CACM-3043	3	0.667	0.167
4 CACM-2377	4	0.5	0.167
4 CACM-1747	5	0.4	0.167
4 CACM-2080	6	0.333	0.167
4 CACM-2939	7	0.286	0.167
4 CACM-2371	8	0.375	0.25
4 CACM-2376	9	0.333	0.25
4 CACM-2314	10	0.3	0.25
4 CACM-1829	11	0.273	0.25
4 CACM-2519	12	0.25	0.25
4 CACM-1677	13	0.231	0.25
4 CACM-1135	14	0.214	0.25
4 CACM-3105	15	0.2	0.25
4 CACM-1846	16	0.188	0.25
4 CACM-3103	17	0.176	0.25
4 CACM-2940	18	0.167	0.25
4 CACM-2895	19	0.158	0.25
4 CACM-3073	20	0.2	0.333
4 CACM-1484	21	0.19	0.333
4 CACM-2951	22	0.182	0.333
4 CACM-2931	23	0.174	0.333
4 CACM-2626	24	0.167	0.333
4 CACM-2949	25	0.16	0.333
4 CACM-2320	26	0.154	0.333
4 CACM-2920	27	0.148	0.333
4 CACM-1485	28	0.143	0.333
4 CACM-1748	29	0.138	0.333
4 CACM-3148	30	0.133	0.333
4 CACM-2632	31	0.129	0.333
4 CACM-2870	32	0.125	0.333
4 CACM-2876	33	0.121	0.333
4 CACM-0435	34	0.118	0.333
4 CACM-1928	35	0.114	0.333
4 CACM-1811	36	0.139	0.417
4 CACM-2851	37	0.135	0.417
4 CACM-2840	38	0.132	0.417
4 CACM-3049	39	0.128	0.417
4 CACM-2912	40	0.15	0.5
4 CACM-1695	41	0.146	0.5
4 CACM-2378	42	0.143	0.5

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4 CACM-1959	43	0.14	0.5
4 CACM-2946	44	0.136	0.5
4 CACM-2969	45	0.133	0.5
4 CACM-1844	46	0.13	0.5
4 CACM-2198	47	0.128	0.5
4 CACM-1591	48	0.125	0.5
4 CACM-2514	49	0.122	0.5
4 CACM-1828	50	0.12	0.5
4 CACM-2865	51	0.118	0.5
4 CACM-2406	52	0.115	0.5
4 CACM-2958	53	0.113	0.5
4 CACM-0409	54	0.111	0.5
4 CACM-2740	55	0.109	0.5
4 CACM-2105	56	0.107	0.5
4 CACM-1854	57	0.105	0.5
4 CACM-2597	58	0.121	0.583
4 CACM-2317	59	0.119	0.583
4 CACM-1199	60	0.117	0.583
4 CACM-2522	61	0.115	0.583
4 CACM-1307	62	0.113	0.583
4 CACM-2003	63	0.111	0.583
4 CACM-1470	64	0.109	0.583
4 CACM-1410	65	0.108	0.583
4 CACM-2372	66	0.106	0.583
4 CACM-1506	67	0.104	0.583
4 CACM-3082	68	0.118	0.667
4 CACM-3087	69	0.116	0.667
4 CACM-1341	70	0.114	0.667
4 CACM-2929	71	0.113	0.667
4 CACM-1083	72	0.111	0.667
4 CACM-0202	73	0.11	0.667
4 CACM-1589	74	0.108	0.667
4 CACM-1827	75	0.107	0.667
4 CACM-1253	76	0.105	0.667
4 CACM-3127	77	0.117	0.75
4 CACM-2943	78	0.115	0.75
4 CACM-3141	79	0.114	0.75
4 CACM-1680	80	0.113	0.75
4 CACM-2060	81	0.111	0.75
4 CACM-2959	82	0.11	0.75
4 CACM-3070	83	0.108	0.75
4 CACM-2092	84	0.107	0.75
4 CACM-2195	85	0.106	0.75
4 CACM-1603	86	0.105	0.75
4 CACM-2254	87	0.103	0.75
4 CACM-3153	88	0.102	0.75
4 CACM-1710	89	0.101	0.75
4 CACM-3137	90	0.1	0.75
4 CACM-2988	91	0.099	0.75

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4 CACM-2948	92	0.098	0.75
4 CACM-2684	93	0.097	0.75
4 CACM-1750	94	0.096	0.75
4 CACM-2878	95	0.095	0.75
4 CACM-1325	96	0.094	0.75
4 CACM-2767	97	0.093	0.75
4 CACM-1681	98	0.092	0.75
4 CACM-1098	99	0.091	0.75
4 CACM-3080	100	0.09	0.75
5 CACM-2035	1	1	0.125
5 CACM-1829	2	0.5	0.125
5 CACM-1937	3	0.333	0.125
5 CACM-2003	4	0.25	0.125
5 CACM-2820	5	0.4	0.25
5 CACM-1978	6	0.333	0.25
5 CACM-2299	7	0.429	0.375
5 CACM-1671	8	0.375	0.375
5 CACM-2188	9	0.333	0.375
5 CACM-1742	10	0.3	0.375
5 CACM-2501	11	0.364	0.5
5 CACM-1699	12	0.333	0.5
5 CACM-3012	13	0.308	0.5
5 CACM-2399	14	0.357	0.625
5 CACM-2947	15	0.333	0.625
5 CACM-2314	16	0.312	0.625
5 CACM-1680	17	0.294	0.625
5 CACM-1697	18	0.278	0.625
5 CACM-2105	19	0.263	0.625
5 CACM-2357	20	0.25	0.625
5 CACM-1033	21	0.238	0.625
5 CACM-1502	22	0.273	0.75
5 CACM-1307	23	0.304	0.875
5 CACM-0972	24	0.292	0.875
5 CACM-1977	25	0.28	0.875
5 CACM-2959	26	0.269	0.875
5 CACM-2629	27	0.259	0.875
5 CACM-2873	28	0.25	0.875
5 CACM-1853	29	0.241	0.875
5 CACM-2002	30	0.233	0.875
5 CACM-2439	31	0.226	0.875
5 CACM-3049	32	0.219	0.875
5 CACM-1605	33	0.212	0.875
5 CACM-2841	34	0.206	0.875
5 CACM-2604	35	0.2	0.875
5 CACM-2786	36	0.194	0.875
5 CACM-2152	37	0.189	0.875
5 CACM-1827	38	0.184	0.875
5 CACM-1750	39	0.179	0.875
5 CACM-1534	40	0.175	0.875

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5 CACM-2542	41	0.171	0.875
5 CACM-1589	42	0.167	0.875
5 CACM-2812	43	0.163	0.875
5 CACM-1747	44	0.159	0.875
5 CACM-2252	45	0.156	0.875
5 CACM-2358	46	0.152	0.875
5 CACM-1891	47	0.149	0.875
5 CACM-0892	48	0.146	0.875
5 CACM-2645	49	0.143	0.875
5 CACM-2522	50	0.14	0.875
5 CACM-1901	51	0.137	0.875
5 CACM-2667	52	0.135	0.875
5 CACM-1677	53	0.132	0.875
5 CACM-2516	54	0.13	0.875
5 CACM-3147	55	0.127	0.875
5 CACM-2169	56	0.125	0.875
5 CACM-1695	57	0.123	0.875
5 CACM-1962	58	0.121	0.875
5 CACM-1487	59	0.119	0.875
5 CACM-1642	60	0.117	0.875
5 CACM-1188	61	0.115	0.875
5 CACM-2674	62	0.113	0.875
5 CACM-2370	63	0.111	0.875
5 CACM-1698	64	0.109	0.875
5 CACM-2211	65	0.108	0.875
5 CACM-2967	66	0.106	0.875
5 CACM-2065	67	0.104	0.875
5 CACM-1960	68	0.103	0.875
5 CACM-0671	69	0.101	0.875
5 CACM-2201	70	0.1	0.875
5 CACM-1281	71	0.099	0.875
5 CACM-1591	72	0.097	0.875
5 CACM-3087	73	0.096	0.875
5 CACM-1571	74	0.095	0.875
5 CACM-1774	75	0.093	0.875
5 CACM-2277	76	0.092	0.875
5 CACM-1503	77	0.091	0.875
5 CACM-2390	78	0.09	0.875
5 CACM-2054	79	0.089	0.875
5 CACM-3204	80	0.087	0.875
5 CACM-2319	81	0.086	0.875
5 CACM-1927	82	0.085	0.875
5 CACM-2622	83	0.084	0.875
5 CACM-1427	84	0.083	0.875
5 CACM-1767	85	0.082	0.875
5 CACM-1542	86	0.081	0.875
5 CACM-2705	87	0.08	0.875
5 CACM-3023	88	0.08	0.875
5 CACM-3025	89	0.079	0.875

System 4

5 CACM-2541	90	0.078	0.875
5 CACM-1738	91	0.077	0.875
5 CACM-1515	92	0.076	0.875
5 CACM-2450	93	0.075	0.875
5 CACM-2481	94	0.074	0.875
5 CACM-1252	95	0.074	0.875
5 CACM-2396	96	0.073	0.875
5 CACM-1703	97	0.072	0.875
5 CACM-1194	98	0.071	0.875
5 CACM-0276	99	0.071	0.875
5 CACM-1270	100	0.07	0.875
6 CACM-1543	1	1	0.333
6 CACM-1664	2	0.5	0.333
6 CACM-2078	3	0.667	0.667
6 CACM-2828	4	0.75	1
6 CACM-0605	5	0.6	1
6 CACM-2826	6	0.5	1
6 CACM-0695	7	0.429	1
6 CACM-2406	8	0.375	1
6 CACM-1365	9	0.333	1
6 CACM-2230	10	0.3	1
6 CACM-0417	11	0.273	1
6 CACM-1366	12	0.25	1
6 CACM-2721	13	0.231	1
6 CACM-0595	14	0.214	1
6 CACM-1234	15	0.2	1
6 CACM-1341	16	0.188	1
6 CACM-2931	17	0.176	1
6 CACM-0670	18	0.167	1
6 CACM-1769	19	0.158	1
6 CACM-1978	20	0.15	1
6 CACM-2873	21	0.143	1
6 CACM-2667	22	0.136	1
6 CACM-2254	23	0.13	1
6 CACM-1457	24	0.125	1
6 CACM-1108	25	0.12	1
6 CACM-1083	26	0.115	1
6 CACM-2314	27	0.111	1
6 CACM-2519	28	0.107	1
6 CACM-2715	29	0.103	1
6 CACM-1433	30	0.1	1
6 CACM-1098	31	0.097	1
6 CACM-0616	32	0.094	1
6 CACM-2967	33	0.091	1
6 CACM-1928	34	0.088	1
6 CACM-1937	35	0.086	1
6 CACM-2753	36	0.083	1
6 CACM-1188	37	0.081	1
6 CACM-2389	38	0.079	1

System 4

6 CACM-2812	39	0.077	1
6 CACM-1014	40	0.075	1
6 CACM-2829	41	0.073	1
6 CACM-2310	42	0.071	1
6 CACM-1196	43	0.07	1
6 CACM-1959	44	0.068	1
6 CACM-2187	45	0.067	1
6 CACM-2046	46	0.065	1
6 CACM-0320	47	0.064	1
6 CACM-2003	48	0.062	1
6 CACM-1671	49	0.061	1
6 CACM-1503	50	0.06	1
6 CACM-2060	51	0.059	1
6 CACM-3154	52	0.058	1
6 CACM-3135	53	0.057	1
6 CACM-2900	54	0.056	1
6 CACM-2718	55	0.055	1
6 CACM-1711	56	0.054	1
6 CACM-1835	57	0.053	1
6 CACM-1066	58	0.052	1
6 CACM-2969	59	0.051	1
6 CACM-1929	60	0.05	1
6 CACM-2198	61	0.049	1
6 CACM-3035	62	0.048	1
6 CACM-3077	63	0.048	1
6 CACM-2196	64	0.047	1
6 CACM-1728	65	0.046	1
6 CACM-2893	66	0.045	1
6 CACM-1348	67	0.045	1
6 CACM-2485	68	0.044	1
6 CACM-1427	69	0.043	1
6 CACM-0046	70	0.043	1
6 CACM-2940	71	0.042	1
6 CACM-1485	72	0.042	1
6 CACM-1379	73	0.041	1
6 CACM-0531	74	0.041	1
6 CACM-2546	75	0.04	1
6 CACM-1571	76	0.039	1
6 CACM-2188	77	0.039	1
6 CACM-3030	78	0.038	1
6 CACM-1325	79	0.038	1
6 CACM-1623	80	0.037	1
6 CACM-1099	81	0.037	1
6 CACM-2918	82	0.037	1
6 CACM-2092	83	0.036	1
6 CACM-3022	84	0.036	1
6 CACM-1710	85	0.035	1
6 CACM-1753	86	0.035	1
6 CACM-2516	87	0.034	1

System 4

6 CACM-1750	88	0.034	1
6 CACM-1827	89	0.034	1
6 CACM-2317	90	0.033	1
6 CACM-2561	91	0.033	1
6 CACM-1885	92	0.033	1
6 CACM-2163	93	0.032	1
6 CACM-1135	94	0.032	1
6 CACM-1309	95	0.032	1
6 CACM-1199	96	0.031	1
6 CACM-2433	97	0.031	1
6 CACM-3012	98	0.031	1
6 CACM-1134	99	0.03	1
6 CACM-1435	100	0.03	1
7 CACM-3043	1	1	0.036
7 CACM-2080	2	0.5	0.036
7 CACM-2342	3	0.667	0.071
7 CACM-2320	4	0.75	0.107
7 CACM-2376	5	0.8	0.143
7 CACM-3128	6	0.833	0.179
7 CACM-2740	7	0.714	0.179
7 CACM-2865	8	0.75	0.214
7 CACM-2912	9	0.778	0.25
7 CACM-1854	10	0.7	0.25
7 CACM-2317	11	0.636	0.25
7 CACM-0046	12	0.583	0.25
7 CACM-2949	13	0.538	0.25
7 CACM-1749	14	0.5	0.25
7 CACM-2379	15	0.467	0.25
7 CACM-3148	16	0.5	0.286
7 CACM-2378	17	0.471	0.286
7 CACM-2920	18	0.444	0.286
7 CACM-3141	19	0.474	0.321
7 CACM-1747	20	0.45	0.321
7 CACM-2895	21	0.476	0.357
7 CACM-1960	22	0.5	0.393
7 CACM-2111	23	0.478	0.393
7 CACM-1198	24	0.5	0.429
7 CACM-2851	25	0.48	0.429
7 CACM-3059	26	0.462	0.429
7 CACM-2541	27	0.444	0.429
7 CACM-2597	28	0.464	0.464
7 CACM-2482	29	0.483	0.5
7 CACM-1135	30	0.467	0.5
7 CACM-1959	31	0.452	0.5
7 CACM-1753	32	0.438	0.5
7 CACM-2777	33	0.455	0.536
7 CACM-2940	34	0.441	0.536
7 CACM-2195	35	0.429	0.536
7 CACM-1341	36	0.417	0.536

System 4

7 CACM-1748	37	0.405	0.536
7 CACM-2314	38	0.395	0.536
7 CACM-1623	39	0.385	0.536
7 CACM-3078	40	0.375	0.536
7 CACM-1728	41	0.366	0.536
7 CACM-3014	42	0.357	0.536
7 CACM-3104	43	0.349	0.536
7 CACM-1828	44	0.341	0.536
7 CACM-3153	45	0.333	0.536
7 CACM-2519	46	0.326	0.536
7 CACM-1877	47	0.34	0.571
7 CACM-2016	48	0.333	0.571
7 CACM-1603	49	0.327	0.571
7 CACM-2938	50	0.32	0.571
7 CACM-2618	51	0.333	0.607
7 CACM-2939	52	0.327	0.607
7 CACM-2150	53	0.34	0.643
7 CACM-2972	54	0.333	0.643
7 CACM-2812	55	0.327	0.643
7 CACM-3137	56	0.321	0.643
7 CACM-1774	57	0.316	0.643
7 CACM-2741	58	0.31	0.643
7 CACM-2570	59	0.305	0.643
7 CACM-3039	60	0.3	0.643
7 CACM-1751	61	0.295	0.643
7 CACM-1098	62	0.29	0.643
7 CACM-3120	63	0.286	0.643
7 CACM-3048	64	0.281	0.643
7 CACM-0435	65	0.277	0.643
7 CACM-2946	66	0.273	0.643
7 CACM-2629	67	0.269	0.643
7 CACM-2433	68	0.265	0.643
7 CACM-2198	69	0.261	0.643
7 CACM-1892	70	0.257	0.643
7 CACM-2898	71	0.254	0.643
7 CACM-2979	72	0.25	0.643
7 CACM-2060	73	0.247	0.643
7 CACM-1846	74	0.243	0.643
7 CACM-2470	75	0.24	0.643
7 CACM-3077	76	0.237	0.643
7 CACM-1805	77	0.234	0.643
7 CACM-3082	78	0.244	0.679
7 CACM-2219	79	0.241	0.679
7 CACM-2928	80	0.237	0.679
7 CACM-1457	81	0.235	0.679
7 CACM-2264	82	0.232	0.679
7 CACM-1750	83	0.229	0.679
7 CACM-1605	84	0.226	0.679
7 CACM-2950	85	0.224	0.679

System 4

7 CACM-3073	86	0.221	0.679
7 CACM-1247	87	0.218	0.679
7 CACM-3072	88	0.216	0.679
7 CACM-2890	89	0.213	0.679
7 CACM-1698	90	0.211	0.679
7 CACM-2931	91	0.209	0.679
7 CACM-1591	92	0.207	0.679
7 CACM-2254	93	0.204	0.679
7 CACM-0637	94	0.202	0.679
7 CACM-2439	95	0.2	0.679
7 CACM-2499	96	0.198	0.679
7 CACM-2138	97	0.196	0.679
7 CACM-1485	98	0.194	0.679
7 CACM-2732	99	0.192	0.679
7 CACM-1033	100	0.19	0.679
8 CACM-2849	1	1	0.333
8 CACM-3032	2	1	0.667
8 CACM-2625	3	1	1
8 CACM-2949	4	0.75	1
8 CACM-2951	5	0.6	1
8 CACM-2371	6	0.5	1
8 CACM-2969	7	0.429	1
8 CACM-2541	8	0.375	1
8 CACM-3137	9	0.333	1
8 CACM-0040	10	0.3	1
8 CACM-2892	11	0.273	1
8 CACM-1677	12	0.25	1
8 CACM-2522	13	0.231	1
8 CACM-3068	14	0.214	1
8 CACM-1751	15	0.2	1
8 CACM-1747	16	0.188	1
8 CACM-1685	17	0.176	1
8 CACM-2358	18	0.167	1
8 CACM-2543	19	0.158	1
8 CACM-1247	20	0.15	1
8 CACM-1745	21	0.143	1
8 CACM-1680	22	0.136	1
8 CACM-2776	23	0.13	1
8 CACM-3158	24	0.125	1
8 CACM-1928	25	0.12	1
8 CACM-3072	26	0.115	1
8 CACM-2991	27	0.111	1
8 CACM-2798	28	0.107	1
8 CACM-1754	29	0.103	1
8 CACM-2860	30	0.1	1
8 CACM-2109	31	0.097	1
8 CACM-2197	32	0.094	1
8 CACM-3082	33	0.091	1
8 CACM-3083	34	0.088	1

System 4

8 CACM-2319	35	0.086	1
8 CACM-1785	36	0.083	1
8 CACM-2988	37	0.081	1
8 CACM-3126	38	0.079	1
8 CACM-2501	39	0.077	1
8 CACM-1750	40	0.075	1
8 CACM-2194	41	0.073	1
8 CACM-2095	42	0.071	1
8 CACM-2379	43	0.07	1
8 CACM-2297	44	0.068	1
8 CACM-3038	45	0.067	1
8 CACM-1695	46	0.065	1
8 CACM-1892	47	0.064	1
8 CACM-1728	48	0.062	1
8 CACM-1752	49	0.061	1
8 CACM-1735	50	0.06	1
8 CACM-2372	51	0.059	1
8 CACM-3025	52	0.058	1
8 CACM-0828	53	0.057	1
8 CACM-2188	54	0.056	1
8 CACM-1951	55	0.055	1
8 CACM-2258	56	0.054	1
8 CACM-2406	57	0.053	1
8 CACM-2624	58	0.052	1
8 CACM-2900	59	0.051	1
8 CACM-2859	60	0.05	1
8 CACM-1723	61	0.049	1
8 CACM-1591	62	0.048	1
8 CACM-0492	63	0.048	1
8 CACM-2812	64	0.047	1
8 CACM-2203	65	0.046	1
8 CACM-1935	66	0.045	1
8 CACM-3011	67	0.045	1
8 CACM-1846	68	0.044	1
8 CACM-3070	69	0.043	1
8 CACM-2852	70	0.043	1
8 CACM-1811	71	0.042	1
8 CACM-3147	72	0.042	1
8 CACM-2377	73	0.041	1
8 CACM-2894	74	0.041	1
8 CACM-1261	75	0.04	1
8 CACM-2482	76	0.039	1
8 CACM-1769	77	0.039	1
8 CACM-1503	78	0.038	1
8 CACM-1901	79	0.038	1
8 CACM-2262	80	0.037	1
8 CACM-2046	81	0.037	1
8 CACM-2905	82	0.037	1
8 CACM-2718	83	0.036	1

System 4

8 CACM-2858	84	0.036	1
8 CACM-1869	85	0.035	1
8 CACM-2593	86	0.035	1
8 CACM-3012	87	0.034	1
8 CACM-0912	88	0.034	1
8 CACM-2479	89	0.034	1
8 CACM-2357	90	0.033	1
8 CACM-2840	91	0.033	1
8 CACM-2882	92	0.033	1
8 CACM-2867	93	0.032	1
8 CACM-1435	94	0.032	1
8 CACM-2578	95	0.032	1
8 CACM-3043	96	0.031	1
8 CACM-1409	97	0.031	1
8 CACM-2681	98	0.031	1
8 CACM-1517	99	0.03	1
8 CACM-2516	100	0.03	1
9 CACM-3068	1	1	0.111
9 CACM-2372	2	1	0.222
9 CACM-1747	3	0.667	0.222
9 CACM-2626	4	0.5	0.222
9 CACM-2870	5	0.6	0.333
9 CACM-2424	6	0.5	0.333
9 CACM-2840	7	0.429	0.333
9 CACM-2876	8	0.5	0.444
9 CACM-3128	9	0.556	0.556
9 CACM-3011	10	0.5	0.556
9 CACM-1745	11	0.455	0.556
9 CACM-3076	12	0.417	0.556
9 CACM-2621	13	0.385	0.556
9 CACM-3181	14	0.357	0.556
9 CACM-3158	15	0.4	0.667
9 CACM-2951	16	0.375	0.667
9 CACM-3137	17	0.353	0.667
9 CACM-2358	18	0.333	0.667
9 CACM-2988	19	0.316	0.667
9 CACM-1959	20	0.3	0.667
9 CACM-2869	21	0.286	0.667
9 CACM-2345	22	0.273	0.667
9 CACM-2888	23	0.261	0.667
9 CACM-3174	24	0.25	0.667
9 CACM-1746	25	0.24	0.667
9 CACM-2949	26	0.231	0.667
9 CACM-1677	27	0.222	0.667
9 CACM-2407	28	0.214	0.667
9 CACM-1808	29	0.207	0.667
9 CACM-3025	30	0.2	0.667
9 CACM-1680	31	0.194	0.667
9 CACM-2046	32	0.188	0.667

System 4

9 CACM-1750	33	0.182	0.667
9 CACM-2882	34	0.176	0.667
9 CACM-2632	35	0.2	0.778
9 CACM-2852	36	0.194	0.778
9 CACM-3072	37	0.189	0.778
9 CACM-2849	38	0.184	0.778
9 CACM-2198	39	0.179	0.778
9 CACM-2622	40	0.175	0.778
9 CACM-1751	41	0.171	0.778
9 CACM-2522	42	0.167	0.778
9 CACM-2985	43	0.163	0.778
9 CACM-2151	44	0.159	0.778
9 CACM-2945	45	0.156	0.778
9 CACM-3090	46	0.152	0.778
9 CACM-2377	47	0.149	0.778
9 CACM-3038	48	0.146	0.778
9 CACM-1928	49	0.143	0.778
9 CACM-2741	50	0.14	0.778
9 CACM-2812	51	0.137	0.778
9 CACM-2311	52	0.135	0.778
9 CACM-2188	53	0.132	0.778
9 CACM-3177	54	0.148	0.889
9 CACM-3183	55	0.145	0.889
9 CACM-2479	56	0.143	0.889
9 CACM-1728	57	0.14	0.889
9 CACM-2798	58	0.138	0.889
9 CACM-2314	59	0.136	0.889
9 CACM-3026	60	0.133	0.889
9 CACM-1892	61	0.131	0.889
9 CACM-2406	62	0.129	0.889
9 CACM-2297	63	0.127	0.889
9 CACM-1572	64	0.125	0.889
9 CACM-2163	65	0.123	0.889
9 CACM-2867	66	0.121	0.889
9 CACM-2578	67	0.119	0.889
9 CACM-3082	68	0.118	0.889
9 CACM-1844	69	0.116	0.889
9 CACM-3070	70	0.114	0.889
9 CACM-2319	71	0.113	0.889
9 CACM-2969	72	0.111	0.889
9 CACM-3144	73	0.11	0.889
9 CACM-3180	74	0.108	0.889
9 CACM-3111	75	0.12	1
9 CACM-1901	76	0.118	1
9 CACM-2111	77	0.117	1
9 CACM-2594	78	0.115	1
9 CACM-3002	79	0.114	1
9 CACM-3012	80	0.113	1
9 CACM-2374	81	0.111	1

System 4

9 CACM-0059	82	0.11	1
9 CACM-2317	83	0.108	1
9 CACM-0696	84	0.107	1
9 CACM-1341	85	0.106	1
9 CACM-1247	86	0.105	1
9 CACM-1912	87	0.103	1
9 CACM-2625	88	0.102	1
9 CACM-0084	89	0.101	1
9 CACM-1489	90	0.1	1
9 CACM-3028	91	0.099	1
9 CACM-2583	92	0.098	1
9 CACM-2859	93	0.097	1
9 CACM-2868	94	0.096	1
9 CACM-2308	95	0.095	1
9 CACM-1032	96	0.094	1
9 CACM-1951	97	0.093	1
9 CACM-2080	98	0.092	1
9 CACM-1591	99	0.091	1
9 CACM-1748	100	0.09	1
10 CACM-2785	1	1	0.029
10 CACM-2895	2	1	0.057
10 CACM-2433	3	1	0.086
10 CACM-1747	4	1	0.114
10 CACM-1158	5	1	0.143
10 CACM-2342	6	1	0.171
10 CACM-1262	7	1	0.2
10 CACM-3073	8	0.875	0.2
10 CACM-2570	9	0.778	0.2
10 CACM-2080	10	0.7	0.2
10 CACM-2740	11	0.636	0.2
10 CACM-2685	12	0.667	0.229
10 CACM-3059	13	0.615	0.229
10 CACM-1828	14	0.571	0.229
10 CACM-2700	15	0.6	0.257
10 CACM-2838	16	0.562	0.257
10 CACM-2865	17	0.529	0.257
10 CACM-1468	18	0.5	0.257
10 CACM-1601	19	0.526	0.286
10 CACM-3075	20	0.55	0.314
10 CACM-2896	21	0.571	0.343
10 CACM-2973	22	0.545	0.343
10 CACM-1846	23	0.522	0.343
10 CACM-2182	24	0.5	0.343
10 CACM-2851	25	0.52	0.371
10 CACM-1795	26	0.538	0.4
10 CACM-2175	27	0.519	0.4
10 CACM-1959	28	0.5	0.4
10 CACM-0141	29	0.483	0.4
10 CACM-0392	30	0.467	0.4

System 4

10 CACM-3156	31	0.484	0.429
10 CACM-2714	32	0.5	0.457
10 CACM-1302	33	0.485	0.457
10 CACM-1471	34	0.5	0.486
10 CACM-2727	35	0.486	0.486
10 CACM-2376	36	0.5	0.514
10 CACM-2266	37	0.486	0.514
10 CACM-2195	38	0.474	0.514
10 CACM-2401	39	0.462	0.514
10 CACM-2898	40	0.45	0.514
10 CACM-2723	41	0.439	0.514
10 CACM-1811	42	0.452	0.543
10 CACM-2557	43	0.442	0.543
10 CACM-0950	44	0.432	0.543
10 CACM-2289	45	0.444	0.571
10 CACM-1536	46	0.435	0.571
10 CACM-1957	47	0.426	0.571
10 CACM-1928	48	0.417	0.571
10 CACM-1603	49	0.408	0.571
10 CACM-0320	50	0.4	0.571
10 CACM-1569	51	0.392	0.571
10 CACM-2514	52	0.385	0.571
10 CACM-1960	53	0.377	0.571
10 CACM-1613	54	0.389	0.6
10 CACM-2114	55	0.382	0.6
10 CACM-3039	56	0.393	0.629
10 CACM-1854	57	0.386	0.629
10 CACM-2967	58	0.379	0.629
10 CACM-2320	59	0.373	0.629
10 CACM-2497	60	0.367	0.629
10 CACM-1341	61	0.361	0.629
10 CACM-2314	62	0.355	0.629
10 CACM-3044	63	0.349	0.629
10 CACM-1749	64	0.344	0.629
10 CACM-2645	65	0.338	0.629
10 CACM-3043	66	0.333	0.629
10 CACM-1008	67	0.328	0.629
10 CACM-2719	68	0.324	0.629
10 CACM-0987	69	0.319	0.629
10 CACM-2906	70	0.314	0.629
10 CACM-2717	71	0.31	0.629
10 CACM-0825	72	0.306	0.629
10 CACM-1485	73	0.301	0.629
10 CACM-1200	74	0.297	0.629
10 CACM-1788	75	0.293	0.629
10 CACM-1135	76	0.289	0.629
10 CACM-1554	77	0.286	0.629
10 CACM-2938	78	0.282	0.629
10 CACM-1255	79	0.278	0.629

System 4

10 CACM-1902	80	0.275	0.629
10 CACM-2534	81	0.272	0.629
10 CACM-2971	82	0.268	0.629
10 CACM-3121	83	0.265	0.629
10 CACM-1728	84	0.262	0.629
10 CACM-2065	85	0.259	0.629
10 CACM-1550	86	0.256	0.629
10 CACM-2705	87	0.253	0.629
10 CACM-3030	88	0.25	0.629
10 CACM-3175	89	0.247	0.629
10 CACM-1937	90	0.244	0.629
10 CACM-2299	91	0.242	0.629
10 CACM-2265	92	0.239	0.629
10 CACM-1680	93	0.237	0.629
10 CACM-1264	94	0.234	0.629
10 CACM-1852	95	0.232	0.629
10 CACM-1457	96	0.229	0.629
10 CACM-1409	97	0.227	0.629
10 CACM-2162	98	0.224	0.629
10 CACM-2515	99	0.222	0.629
10 CACM-0046	100	0.22	0.629
11 CACM-3077	1	0	0
11 CACM-2906	2	0.5	0.053
11 CACM-2699	3	0.667	0.105
11 CACM-2717	4	0.5	0.105
11 CACM-1835	5	0.4	0.105
11 CACM-1923	6	0.5	0.158
11 CACM-2705	7	0.429	0.158
11 CACM-2716	8	0.5	0.211
11 CACM-1860	9	0.444	0.211
11 CACM-2198	10	0.4	0.211
11 CACM-2246	11	0.455	0.263
11 CACM-2316	12	0.5	0.316
11 CACM-3150	13	0.538	0.368
11 CACM-2527	14	0.571	0.421
11 CACM-2898	15	0.533	0.421
11 CACM-1485	16	0.5	0.421
11 CACM-2138	17	0.471	0.421
11 CACM-3148	18	0.444	0.421
11 CACM-2081	19	0.421	0.421
11 CACM-2320	20	0.4	0.421
11 CACM-2003	21	0.381	0.421
11 CACM-1852	22	0.364	0.421
11 CACM-2593	23	0.348	0.421
11 CACM-2314	24	0.333	0.421
11 CACM-2411	25	0.32	0.421
11 CACM-1188	26	0.346	0.474
11 CACM-1788	27	0.333	0.474
11 CACM-3105	28	0.321	0.474

System 4

11 CACM-2873	29	0.31	0.474
11 CACM-3080	30	0.3	0.474
11 CACM-1470	31	0.29	0.474
11 CACM-2406	32	0.281	0.474
11 CACM-1861	33	0.273	0.474
11 CACM-1703	34	0.265	0.474
11 CACM-2937	35	0.257	0.474
11 CACM-2718	36	0.25	0.474
11 CACM-2971	37	0.243	0.474
11 CACM-2091	38	0.237	0.474
11 CACM-2651	39	0.231	0.474
11 CACM-2959	40	0.225	0.474
11 CACM-0724	41	0.22	0.474
11 CACM-3171	42	0.214	0.474
11 CACM-2126	43	0.209	0.474
11 CACM-2542	44	0.205	0.474
11 CACM-2148	45	0.2	0.474
11 CACM-2254	46	0.196	0.474
11 CACM-2652	47	0.191	0.474
11 CACM-2546	48	0.188	0.474
11 CACM-3101	49	0.184	0.474
11 CACM-1747	50	0.18	0.474
11 CACM-2842	51	0.176	0.474
11 CACM-1693	52	0.173	0.474
11 CACM-2939	53	0.17	0.474
11 CACM-2787	54	0.167	0.474
11 CACM-2922	55	0.164	0.474
11 CACM-0731	56	0.161	0.474
11 CACM-1162	57	0.158	0.474
11 CACM-1959	58	0.155	0.474
11 CACM-2661	59	0.153	0.474
11 CACM-0265	60	0.15	0.474
11 CACM-2295	61	0.148	0.474
11 CACM-3102	62	0.145	0.474
11 CACM-2645	63	0.143	0.474
11 CACM-1902	64	0.141	0.474
11 CACM-0616	65	0.138	0.474
11 CACM-2317	66	0.136	0.474
11 CACM-1183	67	0.134	0.474
11 CACM-2887	68	0.132	0.474
11 CACM-2264	69	0.13	0.474
11 CACM-3198	70	0.129	0.474
11 CACM-3030	71	0.127	0.474
11 CACM-1676	72	0.125	0.474
11 CACM-2785	73	0.123	0.474
11 CACM-1457	74	0.122	0.474
11 CACM-1043	75	0.133	0.526
11 CACM-1588	76	0.132	0.526
11 CACM-1395	77	0.13	0.526

System 4

11 CACM-2704	78	0.128	0.526
11 CACM-2915	79	0.127	0.526
11 CACM-0795	80	0.125	0.526
11 CACM-2644	81	0.123	0.526
11 CACM-2034	82	0.122	0.526
11 CACM-1348	83	0.12	0.526
11 CACM-2732	84	0.119	0.526
11 CACM-2867	85	0.118	0.526
11 CACM-1937	86	0.116	0.526
11 CACM-0987	87	0.115	0.526
11 CACM-1135	88	0.114	0.526
11 CACM-2060	89	0.112	0.526
11 CACM-1098	90	0.111	0.526
11 CACM-1469	91	0.11	0.526
11 CACM-2305	92	0.109	0.526
11 CACM-2252	93	0.108	0.526
11 CACM-2923	94	0.117	0.579
11 CACM-1459	95	0.116	0.579
11 CACM-1484	96	0.115	0.579
11 CACM-1253	97	0.113	0.579
11 CACM-2929	98	0.112	0.579
11 CACM-2739	99	0.111	0.579
11 CACM-2765	100	0.11	0.579
12 CACM-3127	1	1	0.2
12 CACM-2740	2	0.5	0.2
12 CACM-2379	3	0.333	0.2
12 CACM-1749	4	0.25	0.2
12 CACM-2080	5	0.4	0.4
12 CACM-2522	6	0.333	0.4
12 CACM-1747	7	0.286	0.4
12 CACM-2378	8	0.25	0.4
12 CACM-2246	9	0.333	0.6
12 CACM-3068	10	0.3	0.6
12 CACM-2424	11	0.273	0.6
12 CACM-1750	12	0.25	0.6
12 CACM-1728	13	0.231	0.6
12 CACM-1751	14	0.214	0.6
12 CACM-1753	15	0.2	0.6
12 CACM-2151	16	0.188	0.6
12 CACM-2629	17	0.235	0.8
12 CACM-2867	18	0.222	0.8
12 CACM-2542	19	0.211	0.8
12 CACM-2320	20	0.2	0.8
12 CACM-2920	21	0.19	0.8
12 CACM-2582	22	0.182	0.8
12 CACM-1698	23	0.174	0.8
12 CACM-2358	24	0.167	0.8
12 CACM-2317	25	0.16	0.8
12 CACM-2372	26	0.154	0.8

System 4

12 CACM-2003	27	0.148	0.8
12 CACM-2450	28	0.143	0.8
12 CACM-2668	29	0.138	0.8
12 CACM-2342	30	0.133	0.8
12 CACM-2319	31	0.129	0.8
12 CACM-3174	32	0.125	0.8
12 CACM-1657	33	0.121	0.8
12 CACM-2681	34	0.118	0.8
12 CACM-2741	35	0.114	0.8
12 CACM-2812	36	0.111	0.8
12 CACM-3025	37	0.108	0.8
12 CACM-1827	38	0.105	0.8
12 CACM-1752	39	0.103	0.8
12 CACM-1518	40	0.1	0.8
12 CACM-2632	41	0.098	0.8
12 CACM-1892	42	0.095	0.8
12 CACM-3141	43	0.093	0.8
12 CACM-2597	44	0.091	0.8
12 CACM-2928	45	0.089	0.8
12 CACM-1960	46	0.087	0.8
12 CACM-2624	47	0.085	0.8
12 CACM-3006	48	0.083	0.8
12 CACM-2541	49	0.082	0.8
12 CACM-1462	50	0.08	0.8
12 CACM-3072	51	0.078	0.8
12 CACM-3128	52	0.077	0.8
12 CACM-3140	53	0.075	0.8
12 CACM-3137	54	0.074	0.8
12 CACM-2138	55	0.073	0.8
12 CACM-2859	56	0.071	0.8
12 CACM-2868	57	0.07	0.8
12 CACM-2357	58	0.069	0.8
12 CACM-1923	59	0.068	0.8
12 CACM-2374	60	0.067	0.8
12 CACM-1901	61	0.066	0.8
12 CACM-2869	62	0.065	0.8
12 CACM-2482	63	0.063	0.8
12 CACM-1680	64	0.062	0.8
12 CACM-1484	65	0.062	0.8
12 CACM-2017	66	0.061	0.8
12 CACM-1591	67	0.06	0.8
12 CACM-2840	68	0.059	0.8
12 CACM-3028	69	0.058	0.8
12 CACM-2376	70	0.057	0.8
12 CACM-1854	71	0.056	0.8
12 CACM-1964	72	0.056	0.8
12 CACM-3000	73	0.055	0.8
12 CACM-2069	74	0.054	0.8
12 CACM-2356	75	0.053	0.8

System 4

12 CACM-2311	76	0.053	0.8
12 CACM-3067	77	0.052	0.8
12 CACM-1647	78	0.051	0.8
12 CACM-2247	79	0.051	0.8
12 CACM-1541	80	0.05	0.8
12 CACM-2297	81	0.049	0.8
12 CACM-1930	82	0.049	0.8
12 CACM-2626	83	0.048	0.8
12 CACM-2865	84	0.048	0.8
12 CACM-2667	85	0.047	0.8
12 CACM-2262	86	0.047	0.8
12 CACM-3080	87	0.046	0.8
12 CACM-2277	88	0.045	0.8
12 CACM-2228	89	0.045	0.8
12 CACM-2798	90	0.044	0.8
12 CACM-1519	91	0.044	0.8
12 CACM-3153	92	0.043	0.8
12 CACM-2914	93	0.043	0.8
12 CACM-2795	94	0.043	0.8
12 CACM-3147	95	0.042	0.8
12 CACM-2365	96	0.042	0.8
12 CACM-0731	97	0.041	0.8
12 CACM-1682	98	0.041	0.8
12 CACM-2895	99	0.04	0.8
12 CACM-2669	100	0.04	0.8
13 CACM-1947	1	1	0.091
13 CACM-1223	2	1	0.182
13 CACM-2897	3	1	0.273
13 CACM-1807	4	1	0.364
13 CACM-1676	5	0.8	0.364
13 CACM-2495	6	0.833	0.455
13 CACM-3080	7	0.714	0.455
13 CACM-1551	8	0.75	0.545
13 CACM-2411	9	0.667	0.545
13 CACM-2423	10	0.6	0.545
13 CACM-2253	11	0.545	0.545
13 CACM-3189	12	0.5	0.545
13 CACM-1795	13	0.538	0.636
13 CACM-2433	14	0.5	0.636
13 CACM-0123	15	0.467	0.636
13 CACM-2877	16	0.438	0.636
13 CACM-1886	17	0.412	0.636
13 CACM-2923	18	0.389	0.636
13 CACM-1756	19	0.368	0.636
13 CACM-2944	20	0.35	0.636
13 CACM-1613	21	0.333	0.636
13 CACM-1305	22	0.318	0.636
13 CACM-2835	23	0.304	0.636
13 CACM-2616	24	0.292	0.636

System 4

13 CACM-1234	25	0.28	0.636
13 CACM-1647	26	0.269	0.636
13 CACM-1160	27	0.259	0.636
13 CACM-3054	28	0.25	0.636
13 CACM-1670	29	0.241	0.636
13 CACM-2929	30	0.233	0.636
13 CACM-2586	31	0.226	0.636
13 CACM-3066	32	0.219	0.636
13 CACM-1465	33	0.212	0.636
13 CACM-0066	34	0.206	0.636
13 CACM-2491	35	0.2	0.636
13 CACM-0413	36	0.194	0.636
13 CACM-1629	37	0.189	0.636
13 CACM-2699	38	0.184	0.636
13 CACM-1651	39	0.179	0.636
13 CACM-1231	40	0.2	0.727
13 CACM-2701	41	0.195	0.727
13 CACM-3005	42	0.19	0.727
13 CACM-2904	43	0.186	0.727
13 CACM-1362	44	0.182	0.727
13 CACM-1195	45	0.178	0.727
13 CACM-2719	46	0.174	0.727
13 CACM-3110	47	0.17	0.727
13 CACM-2290	48	0.167	0.727
13 CACM-1523	49	0.163	0.727
13 CACM-1183	50	0.16	0.727
13 CACM-3069	51	0.157	0.727
13 CACM-3024	52	0.154	0.727
13 CACM-1649	53	0.151	0.727
13 CACM-2748	54	0.148	0.727
13 CACM-1655	55	0.145	0.727
13 CACM-1646	56	0.143	0.727
13 CACM-2667	57	0.14	0.727
13 CACM-0104	58	0.138	0.727
13 CACM-1122	59	0.136	0.727
13 CACM-1542	60	0.133	0.727
13 CACM-3125	61	0.131	0.727
13 CACM-2945	62	0.129	0.727
13 CACM-1254	63	0.127	0.727
13 CACM-0598	64	0.125	0.727
13 CACM-0048	65	0.123	0.727
13 CACM-1706	66	0.121	0.727
13 CACM-2850	67	0.119	0.727
13 CACM-1757	68	0.118	0.727
13 CACM-2716	69	0.116	0.727
13 CACM-2802	70	0.114	0.727
13 CACM-1135	71	0.113	0.727
13 CACM-3201	72	0.111	0.727
13 CACM-3171	73	0.11	0.727

System 4

13 CACM-1410	74	0.108	0.727
13 CACM-1173	75	0.107	0.727
13 CACM-2107	76	0.105	0.727
13 CACM-2834	77	0.104	0.727
13 CACM-1162	78	0.103	0.727
13 CACM-1503	79	0.101	0.727
13 CACM-1323	80	0.1	0.727
13 CACM-1365	81	0.099	0.727
13 CACM-0964	82	0.098	0.727
13 CACM-0728	83	0.096	0.727
13 CACM-3203	84	0.095	0.727
13 CACM-2126	85	0.094	0.727
13 CACM-1352	86	0.093	0.727
13 CACM-2645	87	0.092	0.727
13 CACM-1345	88	0.091	0.727
13 CACM-2821	89	0.09	0.727
13 CACM-1788	90	0.089	0.727
13 CACM-1992	91	0.088	0.727
13 CACM-1053	92	0.087	0.727
13 CACM-0333	93	0.086	0.727
13 CACM-0205	94	0.085	0.727
13 CACM-0265	95	0.084	0.727
13 CACM-0474	96	0.083	0.727
13 CACM-2365	97	0.082	0.727
13 CACM-1739	98	0.082	0.727
13 CACM-2898	99	0.081	0.727
13 CACM-0093	100	0.08	0.727
14 CACM-2146	1	1	0.023
14 CACM-0861	2	0.5	0.023
14 CACM-2348	3	0.667	0.045
14 CACM-0479	4	0.5	0.045
14 CACM-2563	5	0.6	0.068
14 CACM-2397	6	0.667	0.091
14 CACM-2743	7	0.571	0.091
14 CACM-1117	8	0.5	0.091
14 CACM-0677	9	0.444	0.091
14 CACM-2679	10	0.5	0.114
14 CACM-2973	11	0.455	0.114
14 CACM-2176	12	0.5	0.136
14 CACM-0865	13	0.462	0.136
14 CACM-2191	14	0.5	0.159
14 CACM-2716	15	0.533	0.182
14 CACM-2041	16	0.562	0.205
14 CACM-0851	17	0.529	0.205
14 CACM-0856	18	0.5	0.205
14 CACM-2017	19	0.526	0.227
14 CACM-3075	20	0.55	0.25
14 CACM-1980	21	0.571	0.273
14 CACM-2108	22	0.591	0.295

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14 CACM-0857	23	0.565	0.295
14 CACM-2118	24	0.583	0.318
14 CACM-2976	25	0.56	0.318
14 CACM-0299	26	0.538	0.318
14 CACM-0264	27	0.519	0.318
14 CACM-0862	28	0.5	0.318
14 CACM-1841	29	0.483	0.318
14 CACM-2272	30	0.5	0.341
14 CACM-1956	31	0.516	0.364
14 CACM-0854	32	0.5	0.364
14 CACM-0860	33	0.485	0.364
14 CACM-1919	34	0.5	0.386
14 CACM-2715	35	0.486	0.386
14 CACM-2222	36	0.472	0.386
14 CACM-2710	37	0.459	0.386
14 CACM-3132	38	0.447	0.386
14 CACM-1724	39	0.462	0.409
14 CACM-2042	40	0.45	0.409
14 CACM-2337	41	0.463	0.432
14 CACM-3087	42	0.452	0.432
14 CACM-1930	43	0.442	0.432
14 CACM-3054	44	0.432	0.432
14 CACM-2901	45	0.422	0.432
14 CACM-0850	46	0.413	0.432
14 CACM-0132	47	0.404	0.432
14 CACM-0662	48	0.396	0.432
14 CACM-0701	49	0.388	0.432
14 CACM-1867	50	0.38	0.432
14 CACM-1969	51	0.392	0.455
14 CACM-0074	52	0.385	0.455
14 CACM-2953	53	0.377	0.455
14 CACM-0563	54	0.37	0.455
14 CACM-2216	55	0.364	0.455
14 CACM-0827	56	0.357	0.455
14 CACM-0853	57	0.351	0.455
14 CACM-0648	58	0.345	0.455
14 CACM-0841	59	0.339	0.455
14 CACM-0232	60	0.333	0.455
14 CACM-1796	61	0.328	0.455
14 CACM-2007	62	0.323	0.455
14 CACM-1660	63	0.317	0.455
14 CACM-1952	64	0.312	0.455
14 CACM-0863	65	0.308	0.455
14 CACM-0866	66	0.303	0.455
14 CACM-2508	67	0.299	0.455
14 CACM-2664	68	0.309	0.477
14 CACM-1953	69	0.304	0.477
14 CACM-2362	70	0.3	0.477
14 CACM-2957	71	0.296	0.477

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14 CACM-2388	72	0.292	0.477
14 CACM-2830	73	0.288	0.477
14 CACM-2505	74	0.284	0.477
14 CACM-2417	75	0.28	0.477
14 CACM-2069	76	0.276	0.477
14 CACM-2306	77	0.273	0.477
14 CACM-2863	78	0.269	0.477
14 CACM-2576	79	0.266	0.477
14 CACM-1831	80	0.263	0.477
14 CACM-1812	81	0.259	0.477
14 CACM-1840	82	0.256	0.477
14 CACM-1894	83	0.253	0.477
14 CACM-1716	84	0.25	0.477
14 CACM-2057	85	0.247	0.477
14 CACM-1537	86	0.244	0.477
14 CACM-1967	87	0.241	0.477
14 CACM-2797	88	0.239	0.477
14 CACM-1638	89	0.236	0.477
14 CACM-1772	90	0.233	0.477
14 CACM-2212	91	0.231	0.477
14 CACM-2214	92	0.228	0.477
14 CACM-1639	93	0.226	0.477
14 CACM-2063	94	0.223	0.477
14 CACM-2190	95	0.221	0.477
14 CACM-1532	96	0.219	0.477
14 CACM-1776	97	0.216	0.477
14 CACM-1779	98	0.214	0.477
14 CACM-1778	99	0.212	0.477
14 CACM-3178	100	0.21	0.477
15 CACM-1947	1	1	0.1
15 CACM-2701	2	1	0.2
15 CACM-1807	3	0.667	0.2
15 CACM-2897	4	0.5	0.2
15 CACM-2835	5	0.4	0.2
15 CACM-2923	6	0.333	0.2
15 CACM-3125	7	0.286	0.2
15 CACM-3080	8	0.25	0.2
15 CACM-2877	9	0.222	0.2
15 CACM-2253	10	0.2	0.2
15 CACM-3069	11	0.182	0.2
15 CACM-2944	12	0.167	0.2
15 CACM-3054	13	0.154	0.2
15 CACM-2929	14	0.143	0.2
15 CACM-2616	15	0.133	0.2
15 CACM-1795	16	0.125	0.2
15 CACM-2812	17	0.118	0.2
15 CACM-2904	18	0.111	0.2
15 CACM-1223	19	0.105	0.2
15 CACM-1886	20	0.1	0.2

System 4

15 CACM-2411	21	0.095	0.2
15 CACM-2495	22	0.136	0.3
15 CACM-2344	23	0.13	0.3
15 CACM-1231	24	0.167	0.4
15 CACM-2716	25	0.16	0.4
15 CACM-2953	26	0.154	0.4
15 CACM-2903	27	0.148	0.4
15 CACM-1676	28	0.143	0.4
15 CACM-2423	29	0.138	0.4
15 CACM-2969	30	0.133	0.4
15 CACM-2433	31	0.129	0.4
15 CACM-2195	32	0.125	0.4
15 CACM-3020	33	0.121	0.4
15 CACM-2537	34	0.118	0.4
15 CACM-2464	35	0.114	0.4
15 CACM-1658	36	0.111	0.4
15 CACM-2699	37	0.108	0.4
15 CACM-1564	38	0.105	0.4
15 CACM-2388	39	0.103	0.4
15 CACM-1234	40	0.1	0.4
15 CACM-2858	41	0.098	0.4
15 CACM-3018	42	0.095	0.4
15 CACM-1974	43	0.093	0.4
15 CACM-2836	44	0.091	0.4
15 CACM-1195	45	0.089	0.4
15 CACM-2680	46	0.087	0.4
15 CACM-0104	47	0.085	0.4
15 CACM-2719	48	0.083	0.4
15 CACM-1719	49	0.082	0.4
15 CACM-2964	50	0.08	0.4
15 CACM-2134	51	0.078	0.4
15 CACM-1551	52	0.096	0.5
15 CACM-2290	53	0.094	0.5
15 CACM-0396	54	0.093	0.5
15 CACM-1613	55	0.109	0.6
15 CACM-2451	56	0.107	0.6
15 CACM-1410	57	0.105	0.6
15 CACM-2142	58	0.103	0.6
15 CACM-2611	59	0.102	0.6
15 CACM-2210	60	0.1	0.6
15 CACM-2945	61	0.098	0.6
15 CACM-2188	62	0.097	0.6
15 CACM-2667	63	0.095	0.6
15 CACM-2133	64	0.094	0.6
15 CACM-2321	65	0.092	0.6
15 CACM-0693	66	0.091	0.6
15 CACM-2940	67	0.09	0.6
15 CACM-2570	68	0.088	0.6
15 CACM-2000	69	0.087	0.6

System 4

15 CACM-3053	70	0.086	0.6
15 CACM-2802	71	0.085	0.6
15 CACM-1768	72	0.083	0.6
15 CACM-2715	73	0.082	0.6
15 CACM-1003	74	0.081	0.6
15 CACM-2883	75	0.08	0.6
15 CACM-2579	76	0.079	0.6
15 CACM-1362	77	0.078	0.6
15 CACM-1237	78	0.077	0.6
15 CACM-3066	79	0.076	0.6
15 CACM-3005	80	0.075	0.6
15 CACM-2722	81	0.074	0.6
15 CACM-1066	82	0.073	0.6
15 CACM-0048	83	0.072	0.6
15 CACM-1173	84	0.071	0.6
15 CACM-1809	85	0.071	0.6
15 CACM-3118	86	0.07	0.6
15 CACM-3002	87	0.069	0.6
15 CACM-2820	88	0.068	0.6
15 CACM-1365	89	0.067	0.6
15 CACM-1827	90	0.067	0.6
15 CACM-0726	91	0.066	0.6
15 CACM-3110	92	0.065	0.6
15 CACM-2685	93	0.075	0.7
15 CACM-2314	94	0.074	0.7
15 CACM-1973	95	0.074	0.7
15 CACM-1160	96	0.073	0.7
15 CACM-2015	97	0.072	0.7
15 CACM-2456	98	0.071	0.7
15 CACM-1934	99	0.071	0.7
15 CACM-1135	100	0.07	0.7
16 CACM-2080	1	0	0
16 CACM-2740	2	0	0
16 CACM-1747	3	0	0
16 CACM-2376	4	0.25	0.059
16 CACM-2320	5	0.2	0.059
16 CACM-1749	6	0.333	0.118
16 CACM-1959	7	0.286	0.118
16 CACM-2378	8	0.375	0.176
16 CACM-1960	9	0.444	0.235
16 CACM-2379	10	0.4	0.235
16 CACM-2342	11	0.455	0.294
16 CACM-2317	12	0.417	0.294
16 CACM-1854	13	0.462	0.353
16 CACM-2424	14	0.429	0.353
16 CACM-1753	15	0.4	0.353
16 CACM-3068	16	0.375	0.353
16 CACM-2920	17	0.353	0.353
16 CACM-2372	18	0.333	0.353

System 4

16 CACM-2865	19	0.316	0.353
16 CACM-1750	20	0.3	0.353
16 CACM-1135	21	0.286	0.353
16 CACM-2629	22	0.273	0.353
16 CACM-1748	23	0.261	0.353
16 CACM-2597	24	0.25	0.353
16 CACM-3073	25	0.28	0.412
16 CACM-3128	26	0.269	0.412
16 CACM-1828	27	0.296	0.471
16 CACM-1892	28	0.286	0.471
16 CACM-2522	29	0.276	0.471
16 CACM-1751	30	0.267	0.471
16 CACM-2358	31	0.258	0.471
16 CACM-3141	32	0.25	0.471
16 CACM-1728	33	0.242	0.471
16 CACM-0409	34	0.235	0.471
16 CACM-0046	35	0.229	0.471
16 CACM-3140	36	0.222	0.471
16 CACM-2541	37	0.216	0.471
16 CACM-3059	38	0.211	0.471
16 CACM-1680	39	0.205	0.471
16 CACM-3072	40	0.2	0.471
16 CACM-3002	41	0.195	0.471
16 CACM-2812	42	0.19	0.471
16 CACM-1752	43	0.186	0.471
16 CACM-2407	44	0.182	0.471
16 CACM-1827	45	0.178	0.471
16 CACM-2741	46	0.174	0.471
16 CACM-2500	47	0.191	0.529
16 CACM-2245	48	0.188	0.529
16 CACM-3174	49	0.184	0.529
16 CACM-2184	50	0.18	0.529
16 CACM-2151	51	0.176	0.529
16 CACM-1846	52	0.173	0.529
16 CACM-1457	53	0.17	0.529
16 CACM-2867	54	0.167	0.529
16 CACM-3147	55	0.164	0.529
16 CACM-1677	56	0.161	0.529
16 CACM-2319	57	0.158	0.529
16 CACM-2938	58	0.155	0.529
16 CACM-2535	59	0.153	0.529
16 CACM-3030	60	0.15	0.529
16 CACM-2928	61	0.148	0.529
16 CACM-2542	62	0.145	0.529
16 CACM-1719	63	0.143	0.529
16 CACM-0696	64	0.141	0.529
16 CACM-2888	65	0.138	0.529
16 CACM-2314	66	0.136	0.529
16 CACM-2582	67	0.134	0.529

System 4

16 CACM-2870	68	0.132	0.529
16 CACM-0585	69	0.13	0.529
16 CACM-2570	70	0.129	0.529
16 CACM-3103	71	0.127	0.529
16 CACM-2626	72	0.125	0.529
16 CACM-3127	73	0.123	0.529
16 CACM-2950	74	0.122	0.529
16 CACM-2622	75	0.12	0.529
16 CACM-2851	76	0.118	0.529
16 CACM-2700	77	0.117	0.529
16 CACM-3137	78	0.115	0.529
16 CACM-1226	79	0.114	0.529
16 CACM-2138	80	0.113	0.529
16 CACM-3119	81	0.111	0.529
16 CACM-1534	82	0.11	0.529
16 CACM-2195	83	0.108	0.529
16 CACM-1484	84	0.107	0.529
16 CACM-2632	85	0.118	0.588
16 CACM-1774	86	0.116	0.588
16 CACM-2111	87	0.115	0.588
16 CACM-1937	88	0.114	0.588
16 CACM-2345	89	0.112	0.588
16 CACM-1902	90	0.111	0.588
16 CACM-1877	91	0.11	0.588
16 CACM-3153	92	0.109	0.588
16 CACM-3104	93	0.108	0.588
16 CACM-1247	94	0.106	0.588
16 CACM-1698	95	0.105	0.588
16 CACM-3148	96	0.115	0.647
16 CACM-2868	97	0.113	0.647
16 CACM-1410	98	0.112	0.647
16 CACM-2482	99	0.111	0.647
16 CACM-3043	100	0.11	0.647
17 CACM-1223	1	1	0.062
17 CACM-1676	2	0.5	0.062
17 CACM-1807	3	0.667	0.125
17 CACM-1947	4	0.75	0.188
17 CACM-2897	5	0.6	0.188
17 CACM-2253	6	0.5	0.188
17 CACM-1551	7	0.571	0.25
17 CACM-2495	8	0.625	0.312
17 CACM-2433	9	0.556	0.312
17 CACM-3080	10	0.5	0.312
17 CACM-3189	11	0.455	0.312
17 CACM-2877	12	0.417	0.312
17 CACM-2923	13	0.462	0.375
17 CACM-1658	14	0.429	0.375
17 CACM-1613	15	0.467	0.438
17 CACM-2701	16	0.438	0.438

System 4

17 CACM-2423	17	0.412	0.438
17 CACM-2944	18	0.389	0.438
17 CACM-1886	19	0.368	0.438
17 CACM-2835	20	0.35	0.438
17 CACM-3069	21	0.333	0.438
17 CACM-2411	22	0.318	0.438
17 CACM-2929	23	0.304	0.438
17 CACM-0123	24	0.292	0.438
17 CACM-1234	25	0.28	0.438
17 CACM-3054	26	0.269	0.438
17 CACM-1795	27	0.259	0.438
17 CACM-2904	28	0.25	0.438
17 CACM-2616	29	0.241	0.438
17 CACM-2491	30	0.233	0.438
17 CACM-3125	31	0.226	0.438
17 CACM-2719	32	0.219	0.438
17 CACM-1305	33	0.212	0.438
17 CACM-3005	34	0.206	0.438
17 CACM-1122	35	0.2	0.438
17 CACM-1756	36	0.194	0.438
17 CACM-1134	37	0.216	0.5
17 CACM-1160	38	0.211	0.5
17 CACM-2699	39	0.205	0.5
17 CACM-0413	40	0.2	0.5
17 CACM-3066	41	0.195	0.5
17 CACM-1670	42	0.19	0.5
17 CACM-2290	43	0.209	0.562
17 CACM-2586	44	0.227	0.625
17 CACM-2556	45	0.222	0.625
17 CACM-1647	46	0.217	0.625
17 CACM-1542	47	0.213	0.625
17 CACM-1632	48	0.208	0.625
17 CACM-1365	49	0.204	0.625
17 CACM-2748	50	0.2	0.625
17 CACM-1646	51	0.196	0.625
17 CACM-0678	52	0.192	0.625
17 CACM-1739	53	0.189	0.625
17 CACM-3171	54	0.185	0.625
17 CACM-0726	55	0.182	0.625
17 CACM-0210	56	0.179	0.625
17 CACM-1135	57	0.175	0.625
17 CACM-1665	58	0.172	0.625
17 CACM-0104	59	0.169	0.625
17 CACM-2716	60	0.167	0.625
17 CACM-1231	61	0.18	0.688
17 CACM-1162	62	0.177	0.688
17 CACM-1254	63	0.175	0.688
17 CACM-1029	64	0.172	0.688
17 CACM-2834	65	0.169	0.688

System 4

17 CACM-2557	66	0.167	0.688
17 CACM-1323	67	0.164	0.688
17 CACM-1706	68	0.162	0.688
17 CACM-1564	69	0.159	0.688
17 CACM-2802	70	0.157	0.688
17 CACM-1392	71	0.155	0.688
17 CACM-1465	72	0.153	0.688
17 CACM-1788	73	0.151	0.688
17 CACM-0066	74	0.149	0.688
17 CACM-1183	75	0.147	0.688
17 CACM-2945	76	0.145	0.688
17 CACM-1523	77	0.143	0.688
17 CACM-2537	78	0.141	0.688
17 CACM-3094	79	0.139	0.688
17 CACM-2534	80	0.138	0.688
17 CACM-2968	81	0.136	0.688
17 CACM-2107	82	0.134	0.688
17 CACM-1629	83	0.133	0.688
17 CACM-2898	84	0.131	0.688
17 CACM-2667	85	0.129	0.688
17 CACM-2297	86	0.128	0.688
17 CACM-1649	87	0.126	0.688
17 CACM-3024	88	0.125	0.688
17 CACM-1389	89	0.124	0.688
17 CACM-2858	90	0.122	0.688
17 CACM-1724	91	0.121	0.688
17 CACM-1916	92	0.12	0.688
17 CACM-0048	93	0.118	0.688
17 CACM-2888	94	0.117	0.688
17 CACM-2464	95	0.116	0.688
17 CACM-1237	96	0.115	0.688
17 CACM-3110	97	0.113	0.688
17 CACM-2871	98	0.112	0.688
17 CACM-3043	99	0.111	0.688
17 CACM-2903	100	0.11	0.688
18 CACM-2433	1	1	0.091
18 CACM-2570	2	0.5	0.091
18 CACM-2723	3	0.333	0.091
18 CACM-1811	4	0.5	0.182
18 CACM-2785	5	0.4	0.182
18 CACM-2685	6	0.5	0.273
18 CACM-2838	7	0.429	0.273
18 CACM-1959	8	0.375	0.273
18 CACM-2175	9	0.444	0.364
18 CACM-3075	10	0.4	0.364
18 CACM-1158	11	0.455	0.455
18 CACM-2895	12	0.417	0.455
18 CACM-2534	13	0.385	0.455
18 CACM-1747	14	0.357	0.455

System 4

18 CACM-2138	15	0.333	0.455
18 CACM-2719	16	0.312	0.455
18 CACM-1471	17	0.353	0.545
18 CACM-1262	18	0.389	0.636
18 CACM-2645	19	0.368	0.636
18 CACM-1825	20	0.35	0.636
18 CACM-3156	21	0.333	0.636
18 CACM-2929	22	0.318	0.636
18 CACM-2262	23	0.304	0.636
18 CACM-2714	24	0.292	0.636
18 CACM-3059	25	0.28	0.636
18 CACM-2898	26	0.269	0.636
18 CACM-2314	27	0.259	0.636
18 CACM-2906	28	0.25	0.636
18 CACM-2973	29	0.241	0.636
18 CACM-1601	30	0.233	0.636
18 CACM-2289	31	0.226	0.636
18 CACM-2727	32	0.219	0.636
18 CACM-1613	33	0.242	0.727
18 CACM-1795	34	0.235	0.727
18 CACM-2896	35	0.229	0.727
18 CACM-1928	36	0.222	0.727
18 CACM-2299	37	0.216	0.727
18 CACM-1468	38	0.211	0.727
18 CACM-1614	39	0.205	0.727
18 CACM-2717	40	0.2	0.727
18 CACM-1523	41	0.195	0.727
18 CACM-1485	42	0.19	0.727
18 CACM-1389	43	0.186	0.727
18 CACM-2342	44	0.182	0.727
18 CACM-0320	45	0.178	0.727
18 CACM-2401	46	0.174	0.727
18 CACM-1665	47	0.17	0.727
18 CACM-1828	48	0.167	0.727
18 CACM-2865	49	0.163	0.727
18 CACM-1957	50	0.16	0.727
18 CACM-1852	51	0.157	0.727
18 CACM-1988	52	0.154	0.727
18 CACM-2938	53	0.151	0.727
18 CACM-1742	54	0.148	0.727
18 CACM-0082	55	0.145	0.727
18 CACM-2195	56	0.143	0.727
18 CACM-1937	57	0.14	0.727
18 CACM-1603	58	0.138	0.727
18 CACM-2080	59	0.136	0.727
18 CACM-2850	60	0.133	0.727
18 CACM-2128	61	0.131	0.727
18 CACM-3030	62	0.129	0.727
18 CACM-2341	63	0.127	0.727

System 4

18 CACM-2202	64	0.125	0.727
18 CACM-1680	65	0.123	0.727
18 CACM-0987	66	0.121	0.727
18 CACM-2111	67	0.119	0.727
18 CACM-3073	68	0.118	0.727
18 CACM-2667	69	0.116	0.727
18 CACM-0855	70	0.114	0.727
18 CACM-1252	71	0.113	0.727
18 CACM-3005	72	0.111	0.727
18 CACM-1788	73	0.11	0.727
18 CACM-1455	74	0.108	0.727
18 CACM-1684	75	0.107	0.727
18 CACM-1457	76	0.105	0.727
18 CACM-2497	77	0.104	0.727
18 CACM-3121	78	0.103	0.727
18 CACM-1719	79	0.101	0.727
18 CACM-3087	80	0.1	0.727
18 CACM-2178	81	0.099	0.727
18 CACM-1135	82	0.098	0.727
18 CACM-2851	83	0.096	0.727
18 CACM-2162	84	0.095	0.727
18 CACM-2266	85	0.094	0.727
18 CACM-1748	86	0.093	0.727
18 CACM-2705	87	0.092	0.727
18 CACM-3103	88	0.091	0.727
18 CACM-3106	89	0.09	0.727
18 CACM-1855	90	0.089	0.727
18 CACM-3112	91	0.088	0.727
18 CACM-2740	92	0.087	0.727
18 CACM-0637	93	0.086	0.727
18 CACM-2971	94	0.085	0.727
18 CACM-1264	95	0.084	0.727
18 CACM-1605	96	0.083	0.727
18 CACM-0046	97	0.082	0.727
18 CACM-2265	98	0.082	0.727
18 CACM-1824	99	0.081	0.727
18 CACM-0670	100	0.08	0.727
19 CACM-3075	1	1	0.091
19 CACM-2723	2	0.5	0.091
19 CACM-3156	3	0.667	0.182
19 CACM-2838	4	0.5	0.182
19 CACM-2973	5	0.6	0.273
19 CACM-2714	6	0.667	0.364
19 CACM-2692	7	0.571	0.364
19 CACM-2175	8	0.5	0.364
19 CACM-2570	9	0.444	0.364
19 CACM-2433	10	0.4	0.364
19 CACM-1601	11	0.455	0.455
19 CACM-2557	12	0.417	0.455

System 4

19 CACM-2128	13	0.385	0.455
19 CACM-2902	14	0.357	0.455
19 CACM-0141	15	0.333	0.455
19 CACM-2266	16	0.375	0.545
19 CACM-0392	17	0.353	0.545
19 CACM-2497	18	0.333	0.545
19 CACM-2289	19	0.316	0.545
19 CACM-2401	20	0.3	0.545
19 CACM-0950	21	0.286	0.545
19 CACM-2664	22	0.318	0.636
19 CACM-2896	23	0.304	0.636
19 CACM-2785	24	0.292	0.636
19 CACM-2766	25	0.28	0.636
19 CACM-2685	26	0.269	0.636
19 CACM-1468	27	0.259	0.636
19 CACM-1825	28	0.25	0.636
19 CACM-1158	29	0.241	0.636
19 CACM-2182	30	0.233	0.636
19 CACM-1613	31	0.226	0.636
19 CACM-2114	32	0.219	0.636
19 CACM-2263	33	0.212	0.636
19 CACM-2665	34	0.206	0.636
19 CACM-2362	35	0.2	0.636
19 CACM-1811	36	0.194	0.636
19 CACM-1262	37	0.189	0.636
19 CACM-3151	38	0.184	0.636
19 CACM-2727	39	0.179	0.636
19 CACM-3061	40	0.175	0.636
19 CACM-2156	41	0.171	0.636
19 CACM-1957	42	0.167	0.636
19 CACM-2283	43	0.163	0.636
19 CACM-2944	44	0.159	0.636
19 CACM-2963	45	0.156	0.636
19 CACM-3074	46	0.152	0.636
19 CACM-2942	47	0.149	0.636
19 CACM-3059	48	0.146	0.636
19 CACM-2674	49	0.143	0.636
19 CACM-2828	50	0.14	0.636
19 CACM-3163	51	0.137	0.636
19 CACM-1665	52	0.135	0.636
19 CACM-2195	53	0.132	0.636
19 CACM-2513	54	0.13	0.636
19 CACM-1795	55	0.127	0.636
19 CACM-2895	56	0.125	0.636
19 CACM-3088	57	0.123	0.636
19 CACM-0249	58	0.121	0.636
19 CACM-2273	59	0.119	0.636
19 CACM-2490	60	0.117	0.636
19 CACM-2884	61	0.115	0.636

System 4

19 CACM-2627	62	0.113	0.636
19 CACM-2950	63	0.111	0.636
19 CACM-2361	64	0.109	0.636
19 CACM-2834	65	0.108	0.636
19 CACM-1569	66	0.106	0.636
19 CACM-0371	67	0.104	0.636
19 CACM-1972	68	0.103	0.636
19 CACM-2767	69	0.101	0.636
19 CACM-2137	70	0.1	0.636
19 CACM-2307	71	0.099	0.636
19 CACM-2146	72	0.097	0.636
19 CACM-0082	73	0.096	0.636
19 CACM-3039	74	0.095	0.636
19 CACM-3044	75	0.093	0.636
19 CACM-2997	76	0.092	0.636
19 CACM-3112	77	0.091	0.636
19 CACM-2515	78	0.09	0.636
19 CACM-2953	79	0.089	0.636
19 CACM-1619	80	0.087	0.636
19 CACM-1302	81	0.086	0.636
19 CACM-2903	82	0.085	0.636
19 CACM-2630	83	0.084	0.636
19 CACM-2453	84	0.083	0.636
19 CACM-3037	85	0.082	0.636
19 CACM-2679	86	0.081	0.636
19 CACM-2417	87	0.08	0.636
19 CACM-2857	88	0.08	0.636
19 CACM-1924	89	0.079	0.636
19 CACM-3106	90	0.078	0.636
19 CACM-1846	91	0.077	0.636
19 CACM-1603	92	0.076	0.636
19 CACM-0763	93	0.075	0.636
19 CACM-3175	94	0.085	0.727
19 CACM-2854	95	0.084	0.727
19 CACM-1392	96	0.083	0.727
19 CACM-2520	97	0.082	0.727
19 CACM-3065	98	0.082	0.727
19 CACM-2598	99	0.081	0.727
19 CACM-2222	100	0.08	0.727
20 CACM-2986	1	1	0.333
20 CACM-2695	2	1	0.667
20 CACM-3115	3	0.667	0.667
20 CACM-2289	4	0.5	0.667
20 CACM-2769	5	0.4	0.667
20 CACM-3139	6	0.333	0.667
20 CACM-1504	7	0.286	0.667
20 CACM-1836	8	0.25	0.667
20 CACM-1683	9	0.222	0.667
20 CACM-3018	10	0.2	0.667

System 4

20 CACM-2177	11	0.182	0.667
20 CACM-1707	12	0.167	0.667
20 CACM-2340	13	0.154	0.667
20 CACM-2490	14	0.143	0.667
20 CACM-2883	15	0.133	0.667
20 CACM-2619	16	0.125	0.667
20 CACM-2484	17	0.118	0.667
20 CACM-2015	18	0.111	0.667
20 CACM-1847	19	0.105	0.667
20 CACM-2763	20	0.1	0.667
20 CACM-2780	21	0.095	0.667
20 CACM-1876	22	0.091	0.667
20 CACM-2405	23	0.087	0.667
20 CACM-1116	24	0.083	0.667
20 CACM-0661	25	0.08	0.667
20 CACM-1935	26	0.077	0.667
20 CACM-2506	27	0.074	0.667
20 CACM-2199	28	0.071	0.667
20 CACM-2059	29	0.069	0.667
20 CACM-2554	30	0.067	0.667
20 CACM-3152	31	0.065	0.667
20 CACM-2877	32	0.062	0.667
20 CACM-1934	33	0.061	0.667
20 CACM-2368	34	0.059	0.667
20 CACM-2980	35	0.057	0.667
20 CACM-2758	36	0.056	0.667
20 CACM-2052	37	0.054	0.667
20 CACM-1791	38	0.053	0.667
20 CACM-3040	39	0.051	0.667
20 CACM-2787	40	0.05	0.667
20 CACM-3176	41	0.049	0.667
20 CACM-1924	42	0.048	0.667
20 CACM-1787	43	0.047	0.667
20 CACM-2701	44	0.045	0.667
20 CACM-1961	45	0.044	0.667
20 CACM-3008	46	0.043	0.667
20 CACM-1501	47	0.043	0.667
20 CACM-3124	48	0.042	0.667
20 CACM-3085	49	0.041	0.667
20 CACM-2081	50	0.04	0.667
20 CACM-2923	51	0.039	0.667
20 CACM-2155	52	0.038	0.667
20 CACM-2824	53	0.038	0.667
20 CACM-2442	54	0.037	0.667
20 CACM-1610	55	0.036	0.667
20 CACM-2273	56	0.036	0.667
20 CACM-1802	57	0.035	0.667
20 CACM-2805	58	0.034	0.667
20 CACM-0495	59	0.034	0.667

System 4

20 CACM-2064	60	0.033	0.667
20 CACM-2630	61	0.033	0.667
20 CACM-2172	62	0.032	0.667
20 CACM-3156	63	0.032	0.667
20 CACM-2557	64	0.031	0.667
20 CACM-2133	65	0.031	0.667
20 CACM-2047	66	0.03	0.667
20 CACM-2697	67	0.03	0.667
20 CACM-2134	68	0.029	0.667
20 CACM-2178	69	0.029	0.667
20 CACM-2195	70	0.029	0.667
20 CACM-2430	71	0.028	0.667
20 CACM-1457	72	0.028	0.667
20 CACM-2515	73	0.027	0.667
20 CACM-2161	74	0.027	0.667
20 CACM-2335	75	0.027	0.667
20 CACM-1529	76	0.026	0.667
20 CACM-1423	77	0.026	0.667
20 CACM-2249	78	0.026	0.667
20 CACM-3033	79	0.025	0.667
20 CACM-1983	80	0.025	0.667
20 CACM-1882	81	0.025	0.667
20 CACM-2790	82	0.024	0.667
20 CACM-1563	83	0.036	1
20 CACM-0070	84	0.036	1
20 CACM-2125	85	0.035	1
20 CACM-2905	86	0.035	1
20 CACM-1115	87	0.034	1
20 CACM-3095	88	0.034	1
20 CACM-2494	89	0.034	1
20 CACM-2570	90	0.033	1
20 CACM-2806	91	0.033	1
20 CACM-2568	92	0.033	1
20 CACM-2488	93	0.032	1
20 CACM-1429	94	0.032	1
20 CACM-2752	95	0.032	1
20 CACM-1822	96	0.031	1
20 CACM-2803	97	0.031	1
20 CACM-2142	98	0.031	1
20 CACM-1696	99	0.03	1
20 CACM-2290	100	0.03	1
21 CACM-2997	1	0	0
21 CACM-2337	2	0	0
21 CACM-3163	3	0	0
21 CACM-2927	4	0	0
21 CACM-3086	5	0	0
21 CACM-2766	6	0	0
21 CACM-2837	7	0	0
21 CACM-1658	8	0	0

System 4

21 CACM-2932	9	0.111	0.091
21 CACM-2903	10	0.1	0.091
21 CACM-3151	11	0.091	0.091
21 CACM-3065	12	0.083	0.091
21 CACM-3018	13	0.154	0.182
21 CACM-2986	14	0.143	0.182
21 CACM-2973	15	0.133	0.182
21 CACM-2702	16	0.188	0.273
21 CACM-3162	17	0.176	0.273
21 CACM-2936	18	0.167	0.273
21 CACM-2746	19	0.158	0.273
21 CACM-2598	20	0.15	0.273
21 CACM-2963	21	0.143	0.273
21 CACM-2110	22	0.136	0.273
21 CACM-3075	23	0.13	0.273
21 CACM-2722	24	0.125	0.273
21 CACM-2828	25	0.12	0.273
21 CACM-2855	26	0.115	0.273
21 CACM-1659	27	0.111	0.273
21 CACM-2953	28	0.107	0.273
21 CACM-3045	29	0.103	0.273
21 CACM-2325	30	0.1	0.273
21 CACM-2767	31	0.097	0.273
21 CACM-3037	32	0.094	0.273
21 CACM-2703	33	0.121	0.364
21 CACM-3040	34	0.118	0.364
21 CACM-2883	35	0.114	0.364
21 CACM-3106	36	0.111	0.364
21 CACM-2570	37	0.108	0.364
21 CACM-2968	38	0.105	0.364
21 CACM-2665	39	0.103	0.364
21 CACM-2706	40	0.1	0.364
21 CACM-3055	41	0.098	0.364
21 CACM-2515	42	0.095	0.364
21 CACM-3057	43	0.093	0.364
21 CACM-2707	44	0.091	0.364
21 CACM-2285	45	0.089	0.364
21 CACM-2388	46	0.087	0.364
21 CACM-2389	47	0.085	0.364
21 CACM-2289	48	0.083	0.364
21 CACM-3009	49	0.082	0.364
21 CACM-2784	50	0.08	0.364
21 CACM-2916	51	0.078	0.364
21 CACM-3100	52	0.077	0.364
21 CACM-3041	53	0.075	0.364
21 CACM-2263	54	0.074	0.364
21 CACM-2902	55	0.073	0.364
21 CACM-2679	56	0.071	0.364
21 CACM-3095	57	0.07	0.364

System 4

21 CACM-2701	58	0.086	0.455
21 CACM-1957	59	0.085	0.455
21 CACM-2033	60	0.083	0.455
21 CACM-2627	61	0.082	0.455
21 CACM-0124	62	0.081	0.455
21 CACM-1836	63	0.079	0.455
21 CACM-3084	64	0.078	0.455
21 CACM-2094	65	0.077	0.455
21 CACM-2912	66	0.076	0.455
21 CACM-2490	67	0.09	0.545
21 CACM-2832	68	0.088	0.545
21 CACM-1694	69	0.087	0.545
21 CACM-0944	70	0.086	0.545
21 CACM-2196	71	0.085	0.545
21 CACM-2745	72	0.083	0.545
21 CACM-1739	73	0.082	0.545
21 CACM-3032	74	0.081	0.545
21 CACM-1961	75	0.08	0.545
21 CACM-2484	76	0.079	0.545
21 CACM-2504	77	0.078	0.545
21 CACM-1619	78	0.077	0.545
21 CACM-3118	79	0.076	0.545
21 CACM-3166	80	0.075	0.545
21 CACM-2251	81	0.074	0.545
21 CACM-2216	82	0.073	0.545
21 CACM-1769	83	0.072	0.545
21 CACM-2091	84	0.071	0.545
21 CACM-1723	85	0.071	0.545
21 CACM-1172	86	0.07	0.545
21 CACM-2366	87	0.069	0.545
21 CACM-2524	88	0.068	0.545
21 CACM-3154	89	0.067	0.545
21 CACM-2879	90	0.067	0.545
21 CACM-2954	91	0.066	0.545
21 CACM-2969	92	0.065	0.545
21 CACM-2989	93	0.065	0.545
21 CACM-2134	94	0.064	0.545
21 CACM-1886	95	0.063	0.545
21 CACM-1595	96	0.062	0.545
21 CACM-2938	97	0.062	0.545
21 CACM-2628	98	0.061	0.545
21 CACM-2743	99	0.061	0.545
21 CACM-2674	100	0.06	0.545
22 CACM-2473	1	1	0.059
22 CACM-2384	2	1	0.118
22 CACM-2924	3	0.667	0.118
22 CACM-2674	4	0.5	0.118
22 CACM-2827	5	0.6	0.176
22 CACM-2692	6	0.667	0.235

System 4

22 CACM-2678	7	0.714	0.294
22 CACM-2828	8	0.75	0.353
22 CACM-2751	9	0.778	0.412
22 CACM-2004	10	0.7	0.412
22 CACM-2687	11	0.636	0.412
22 CACM-1741	12	0.583	0.412
22 CACM-2211	13	0.538	0.412
22 CACM-2638	14	0.571	0.471
22 CACM-2441	15	0.6	0.529
22 CACM-2637	16	0.625	0.588
22 CACM-2564	17	0.647	0.647
22 CACM-2421	18	0.611	0.647
22 CACM-2829	19	0.632	0.706
22 CACM-2826	20	0.6	0.706
22 CACM-3116	21	0.619	0.765
22 CACM-2913	22	0.591	0.765
22 CACM-2925	23	0.565	0.765
22 CACM-1891	24	0.542	0.765
22 CACM-2994	25	0.52	0.765
22 CACM-1742	26	0.5	0.765
22 CACM-3049	27	0.481	0.765
22 CACM-2238	28	0.464	0.765
22 CACM-2761	29	0.483	0.824
22 CACM-0840	30	0.467	0.824
22 CACM-2693	31	0.452	0.824
22 CACM-2760	32	0.469	0.882
22 CACM-0765	33	0.455	0.882
22 CACM-3047	34	0.441	0.882
22 CACM-0884	35	0.429	0.882
22 CACM-2841	36	0.417	0.882
22 CACM-2152	37	0.405	0.882
22 CACM-1804	38	0.395	0.882
22 CACM-1697	39	0.385	0.882
22 CACM-2201	40	0.375	0.882
22 CACM-2547	41	0.366	0.882
22 CACM-0052	42	0.357	0.882
22 CACM-0088	43	0.349	0.882
22 CACM-2369	44	0.364	0.941
22 CACM-2188	45	0.356	0.941
22 CACM-2987	46	0.348	0.941
22 CACM-1978	47	0.34	0.941
22 CACM-1977	48	0.333	0.941
22 CACM-2402	49	0.327	0.941
22 CACM-2825	50	0.32	0.941
22 CACM-1915	51	0.314	0.941
22 CACM-1686	52	0.308	0.941
22 CACM-2486	53	0.302	0.941
22 CACM-2426	54	0.296	0.941
22 CACM-2283	55	0.291	0.941

System 4

22 CACM-1829	56	0.286	0.941
22 CACM-2105	57	0.281	0.941
22 CACM-0266	58	0.276	0.941
22 CACM-3149	59	0.288	1
22 CACM-0867	60	0.283	1
22 CACM-2696	61	0.279	1
22 CACM-2494	62	0.274	1
22 CACM-2520	63	0.27	1
22 CACM-1980	64	0.266	1
22 CACM-1919	65	0.262	1
22 CACM-2507	66	0.258	1
22 CACM-2206	67	0.254	1
22 CACM-1929	68	0.25	1
22 CACM-2146	69	0.246	1
22 CACM-2820	70	0.243	1
22 CACM-2973	71	0.239	1
22 CACM-1467	72	0.236	1
22 CACM-2453	73	0.233	1
22 CACM-1172	74	0.23	1
22 CACM-1146	75	0.227	1
22 CACM-0087	76	0.224	1
22 CACM-2041	77	0.221	1
22 CACM-2771	78	0.218	1
22 CACM-2273	79	0.215	1
22 CACM-2490	80	0.212	1
22 CACM-3032	81	0.21	1
22 CACM-2118	82	0.207	1
22 CACM-2529	83	0.205	1
22 CACM-2528	84	0.202	1
22 CACM-1551	85	0.2	1
22 CACM-2367	86	0.198	1
22 CACM-2078	87	0.195	1
22 CACM-2042	88	0.193	1
22 CACM-2598	89	0.191	1
22 CACM-1466	90	0.189	1
22 CACM-1427	91	0.187	1
22 CACM-2368	92	0.185	1
22 CACM-0490	93	0.183	1
22 CACM-2125	94	0.181	1
22 CACM-2325	95	0.179	1
22 CACM-3151	96	0.177	1
22 CACM-0371	97	0.175	1
22 CACM-0648	98	0.173	1
22 CACM-2446	99	0.172	1
22 CACM-1343	100	0.17	1
23 CACM-2849	1	1	0.25
23 CACM-2949	2	0.5	0.25
23 CACM-1745	3	0.333	0.25
23 CACM-2578	4	0.5	0.5

System 4

23 CACM-3148	5	0.6	0.75
23 CACM-2371	6	0.5	0.75
23 CACM-2311	7	0.429	0.75
23 CACM-3011	8	0.375	0.75
23 CACM-3137	9	0.444	1
23 CACM-3043	10	0.4	1
23 CACM-3128	11	0.364	1
23 CACM-2345	12	0.333	1
23 CACM-2951	13	0.308	1
23 CACM-2406	14	0.286	1
23 CACM-3082	15	0.267	1
23 CACM-2197	16	0.25	1
23 CACM-1747	17	0.235	1
23 CACM-2776	18	0.222	1
23 CACM-2741	19	0.211	1
23 CACM-3090	20	0.2	1
23 CACM-2314	21	0.19	1
23 CACM-2852	22	0.182	1
23 CACM-1862	23	0.174	1
23 CACM-2163	24	0.167	1
23 CACM-3025	25	0.16	1
23 CACM-3158	26	0.154	1
23 CACM-0059	27	0.148	1
23 CACM-1695	28	0.143	1
23 CACM-2080	29	0.138	1
23 CACM-1476	30	0.133	1
23 CACM-2372	31	0.129	1
23 CACM-0084	32	0.125	1
23 CACM-1341	33	0.121	1
23 CACM-1844	34	0.118	1
23 CACM-1889	35	0.114	1
23 CACM-1680	36	0.111	1
23 CACM-1290	37	0.108	1
23 CACM-1959	38	0.105	1
23 CACM-2198	39	0.103	1
23 CACM-2810	40	0.1	1
23 CACM-1685	41	0.098	1
23 CACM-0086	42	0.095	1
23 CACM-1811	43	0.093	1
23 CACM-2969	44	0.091	1
23 CACM-1677	45	0.089	1
23 CACM-0300	46	0.087	1
23 CACM-2985	47	0.085	1
23 CACM-0972	48	0.083	1
23 CACM-2083	49	0.082	1
23 CACM-1922	50	0.08	1
23 CACM-2479	51	0.078	1
23 CACM-2812	52	0.077	1
23 CACM-2317	53	0.075	1

System 4

23 CACM-1349	54	0.074	1
23 CACM-1699	55	0.073	1
23 CACM-1928	56	0.071	1
23 CACM-1247	57	0.07	1
23 CACM-2320	58	0.069	1
23 CACM-2888	59	0.068	1
23 CACM-2900	60	0.067	1
23 CACM-0616	61	0.066	1
23 CACM-2988	62	0.065	1
23 CACM-2379	63	0.063	1
23 CACM-3153	64	0.062	1
23 CACM-3038	65	0.062	1
23 CACM-2890	66	0.061	1
23 CACM-2407	67	0.06	1
23 CACM-3032	68	0.059	1
23 CACM-3072	69	0.058	1
23 CACM-2821	70	0.057	1
23 CACM-3035	71	0.056	1
23 CACM-3127	72	0.056	1
23 CACM-1846	73	0.055	1
23 CACM-3076	74	0.054	1
23 CACM-2626	75	0.053	1
23 CACM-2309	76	0.053	1
23 CACM-2454	77	0.052	1
23 CACM-2276	78	0.051	1
23 CACM-2298	79	0.051	1
23 CACM-2892	80	0.05	1
23 CACM-3026	81	0.049	1
23 CACM-1261	82	0.049	1
23 CACM-3150	83	0.048	1
23 CACM-1681	84	0.048	1
23 CACM-2798	85	0.047	1
23 CACM-1572	86	0.047	1
23 CACM-1099	87	0.046	1
23 CACM-1071	88	0.045	1
23 CACM-2321	89	0.045	1
23 CACM-2522	90	0.044	1
23 CACM-0696	91	0.044	1
23 CACM-3141	92	0.043	1
23 CACM-1750	93	0.043	1
23 CACM-3068	94	0.043	1
23 CACM-3077	95	0.042	1
23 CACM-0104	96	0.042	1
23 CACM-2882	97	0.041	1
23 CACM-0618	98	0.041	1
23 CACM-2999	99	0.04	1
23 CACM-2583	100	0.04	1
24 CACM-1892	1	1	0.077
24 CACM-2320	2	0.5	0.077

System 4

24 CACM-2535	3	0.333	0.077
24 CACM-3064	4	0.25	0.077
24 CACM-1846	5	0.2	0.077
24 CACM-2742	6	0.167	0.077
24 CACM-2080	7	0.143	0.077
24 CACM-2767	8	0.125	0.077
24 CACM-2740	9	0.111	0.077
24 CACM-1751	10	0.1	0.077
24 CACM-3072	11	0.091	0.077
24 CACM-1928	12	0.083	0.077
24 CACM-2378	13	0.077	0.077
24 CACM-2379	14	0.071	0.077
24 CACM-3068	15	0.067	0.077
24 CACM-2882	16	0.062	0.077
24 CACM-2936	17	0.059	0.077
24 CACM-2749	18	0.056	0.077
24 CACM-2920	19	0.053	0.077
24 CACM-2069	20	0.1	0.154
24 CACM-1518	21	0.095	0.154
24 CACM-3070	22	0.091	0.154
24 CACM-2245	23	0.087	0.154
24 CACM-2482	24	0.083	0.154
24 CACM-2950	25	0.08	0.154
24 CACM-2376	26	0.077	0.154
24 CACM-1680	27	0.074	0.154
24 CACM-1747	28	0.071	0.154
24 CACM-2681	29	0.069	0.154
24 CACM-2597	30	0.067	0.154
24 CACM-3082	31	0.065	0.154
24 CACM-1951	32	0.062	0.154
24 CACM-1752	33	0.061	0.154
24 CACM-2522	34	0.059	0.154
24 CACM-2624	35	0.057	0.154
24 CACM-2228	36	0.056	0.154
24 CACM-1435	37	0.054	0.154
24 CACM-1877	38	0.053	0.154
24 CACM-1199	39	0.051	0.154
24 CACM-2319	40	0.05	0.154
24 CACM-2374	41	0.049	0.154
24 CACM-2317	42	0.048	0.154
24 CACM-2500	43	0.047	0.154
24 CACM-1912	44	0.045	0.154
24 CACM-2859	45	0.044	0.154
24 CACM-1591	46	0.043	0.154
24 CACM-2344	47	0.043	0.154
24 CACM-2840	48	0.042	0.154
24 CACM-2280	49	0.041	0.154
24 CACM-2188	50	0.04	0.154
24 CACM-1854	51	0.039	0.154

System 4

24 CACM-2151	52	0.038	0.154
24 CACM-1827	53	0.038	0.154
24 CACM-1749	54	0.037	0.154
24 CACM-1750	55	0.036	0.154
24 CACM-2062	56	0.036	0.154
24 CACM-1247	57	0.035	0.154
24 CACM-1748	58	0.034	0.154
24 CACM-2844	59	0.034	0.154
24 CACM-2862	60	0.05	0.231
24 CACM-1526	61	0.049	0.231
24 CACM-3128	62	0.048	0.231
24 CACM-2560	63	0.048	0.231
24 CACM-3025	64	0.047	0.231
24 CACM-2016	65	0.046	0.231
24 CACM-2741	66	0.045	0.231
24 CACM-2541	67	0.045	0.231
24 CACM-1698	68	0.044	0.231
24 CACM-2218	69	0.043	0.231
24 CACM-1713	70	0.043	0.231
24 CACM-0585	71	0.042	0.231
24 CACM-1960	72	0.042	0.231
24 CACM-2798	73	0.041	0.231
24 CACM-2297	74	0.054	0.308
24 CACM-0322	75	0.053	0.308
24 CACM-1503	76	0.053	0.308
24 CACM-3078	77	0.065	0.385
24 CACM-1572	78	0.064	0.385
24 CACM-3119	79	0.063	0.385
24 CACM-1728	80	0.062	0.385
24 CACM-2105	81	0.062	0.385
24 CACM-2372	82	0.061	0.385
24 CACM-1030	83	0.06	0.385
24 CACM-2318	84	0.06	0.385
24 CACM-3137	85	0.059	0.385
24 CACM-2891	86	0.058	0.385
24 CACM-3120	87	0.057	0.385
24 CACM-2375	88	0.057	0.385
24 CACM-3002	89	0.056	0.385
24 CACM-1811	90	0.056	0.385
24 CACM-2851	91	0.055	0.385
24 CACM-3051	92	0.054	0.385
24 CACM-1261	93	0.054	0.385
24 CACM-2128	94	0.053	0.385
24 CACM-1410	95	0.053	0.385
24 CACM-2342	96	0.052	0.385
24 CACM-1380	97	0.052	0.385
24 CACM-1696	98	0.061	0.462
24 CACM-2988	99	0.061	0.462
24 CACM-1008	100	0.06	0.462

System 4

25 CACM-1728	1	0	0
25 CACM-2319	2	0.5	0.02
25 CACM-2669	3	0.667	0.039
25 CACM-1752	4	0.5	0.039
25 CACM-2017	5	0.4	0.039
25 CACM-1827	6	0.333	0.039
25 CACM-2522	7	0.286	0.039
25 CACM-2452	8	0.375	0.059
25 CACM-2798	9	0.444	0.078
25 CACM-1892	10	0.5	0.098
25 CACM-2151	11	0.455	0.098
25 CACM-2297	12	0.417	0.098
25 CACM-2450	13	0.385	0.098
25 CACM-3048	14	0.429	0.118
25 CACM-2859	15	0.467	0.137
25 CACM-3070	16	0.438	0.137
25 CACM-2277	17	0.471	0.157
25 CACM-2988	18	0.5	0.176
25 CACM-1572	19	0.526	0.196
25 CACM-2375	20	0.5	0.196
25 CACM-2358	21	0.524	0.216
25 CACM-2542	22	0.5	0.216
25 CACM-1750	23	0.478	0.216
25 CACM-1518	24	0.5	0.235
25 CACM-2882	25	0.48	0.235
25 CACM-2344	26	0.462	0.235
25 CACM-1810	27	0.444	0.235
25 CACM-2894	28	0.429	0.235
25 CACM-2902	29	0.414	0.235
25 CACM-1503	30	0.4	0.235
25 CACM-2318	31	0.419	0.255
25 CACM-2535	32	0.438	0.275
25 CACM-2668	33	0.455	0.294
25 CACM-3000	34	0.441	0.294
25 CACM-2218	35	0.457	0.314
25 CACM-2951	36	0.444	0.314
25 CACM-2741	37	0.459	0.333
25 CACM-1751	38	0.447	0.333
25 CACM-3089	39	0.462	0.353
25 CACM-2069	40	0.45	0.353
25 CACM-2374	41	0.439	0.353
25 CACM-3072	42	0.429	0.353
25 CACM-1677	43	0.419	0.353
25 CACM-2188	44	0.409	0.353
25 CACM-3028	45	0.4	0.353
25 CACM-1805	46	0.413	0.373
25 CACM-3067	47	0.426	0.392
25 CACM-1653	48	0.438	0.412
25 CACM-2765	49	0.449	0.431

System 4

25 CACM-1753	50	0.44	0.431
25 CACM-2016	51	0.431	0.431
25 CACM-2262	52	0.423	0.431
25 CACM-2740	53	0.415	0.431
25 CACM-2681	54	0.426	0.451
25 CACM-2914	55	0.418	0.451
25 CACM-3006	56	0.429	0.471
25 CACM-1928	57	0.421	0.471
25 CACM-2863	58	0.431	0.49
25 CACM-2812	59	0.424	0.49
25 CACM-1680	60	0.417	0.49
25 CACM-3068	61	0.41	0.49
25 CACM-1901	62	0.419	0.51
25 CACM-2967	63	0.413	0.51
25 CACM-1916	64	0.406	0.51
25 CACM-3153	65	0.4	0.51
25 CACM-2372	66	0.394	0.51
25 CACM-2862	67	0.403	0.529
25 CACM-1845	68	0.397	0.529
25 CACM-1938	69	0.391	0.529
25 CACM-1747	70	0.386	0.529
25 CACM-2245	71	0.38	0.529
25 CACM-2571	72	0.375	0.529
25 CACM-2667	73	0.384	0.549
25 CACM-3025	74	0.378	0.549
25 CACM-1951	75	0.373	0.549
25 CACM-1199	76	0.368	0.549
25 CACM-2867	77	0.364	0.549
25 CACM-2396	78	0.359	0.549
25 CACM-2095	79	0.367	0.569
25 CACM-2795	80	0.362	0.569
25 CACM-2378	81	0.358	0.569
25 CACM-3002	82	0.354	0.569
25 CACM-2424	83	0.349	0.569
25 CACM-2365	84	0.345	0.569
25 CACM-2646	85	0.341	0.569
25 CACM-3119	86	0.349	0.588
25 CACM-2268	87	0.345	0.588
25 CACM-1032	88	0.341	0.588
25 CACM-2626	89	0.337	0.588
25 CACM-1267	90	0.333	0.588
25 CACM-1526	91	0.341	0.608
25 CACM-3088	92	0.348	0.627
25 CACM-1924	93	0.344	0.627
25 CACM-2373	94	0.351	0.647
25 CACM-1591	95	0.347	0.647
25 CACM-1719	96	0.354	0.667
25 CACM-2526	97	0.351	0.667
25 CACM-3137	98	0.347	0.667

System 4

25 CACM-2950	99	0.343	0.667
25 CACM-1908	100	0.34	0.667
26 CACM-3068	1	0	0
26 CACM-2626	2	0	0
26 CACM-2424	3	0	0
26 CACM-2372	4	0	0
26 CACM-1747	5	0	0
26 CACM-2541	6	0.167	0.033
26 CACM-2632	7	0.286	0.067
26 CACM-2840	8	0.25	0.067
26 CACM-1959	9	0.222	0.067
26 CACM-2377	10	0.2	0.067
26 CACM-1752	11	0.182	0.067
26 CACM-1677	12	0.167	0.067
26 CACM-2870	13	0.154	0.067
26 CACM-1750	14	0.143	0.067
26 CACM-2314	15	0.133	0.067
26 CACM-2080	16	0.188	0.1
26 CACM-2740	17	0.235	0.133
26 CACM-3072	18	0.222	0.133
26 CACM-2869	19	0.211	0.133
26 CACM-1680	20	0.2	0.133
26 CACM-1591	21	0.19	0.133
26 CACM-2950	22	0.182	0.133
26 CACM-2320	23	0.217	0.167
26 CACM-3128	24	0.25	0.2
26 CACM-2379	25	0.28	0.233
26 CACM-2878	26	0.269	0.233
26 CACM-2876	27	0.259	0.233
26 CACM-1751	28	0.25	0.233
26 CACM-3105	29	0.241	0.233
26 CACM-3174	30	0.233	0.233
26 CACM-2358	31	0.226	0.233
26 CACM-2319	32	0.219	0.233
26 CACM-3025	33	0.212	0.233
26 CACM-2151	34	0.206	0.233
26 CACM-2939	35	0.2	0.233
26 CACM-1749	36	0.222	0.267
26 CACM-2868	37	0.216	0.267
26 CACM-3181	38	0.211	0.267
26 CACM-3026	39	0.205	0.267
26 CACM-1892	40	0.2	0.267
26 CACM-1748	41	0.195	0.267
26 CACM-2622	42	0.19	0.267
26 CACM-2558	43	0.186	0.267
26 CACM-2597	44	0.205	0.3
26 CACM-1912	45	0.2	0.3
26 CACM-2317	46	0.196	0.3
26 CACM-2867	47	0.191	0.3

System 4

26 CACM-1728	48	0.188	0.3
26 CACM-2594	49	0.184	0.3
26 CACM-2138	50	0.18	0.3
26 CACM-2522	51	0.176	0.3
26 CACM-2535	52	0.173	0.3
26 CACM-1247	53	0.17	0.3
26 CACM-3183	54	0.167	0.3
26 CACM-3002	55	0.164	0.3
26 CACM-1033	56	0.161	0.3
26 CACM-3147	57	0.158	0.3
26 CACM-2344	58	0.155	0.3
26 CACM-3127	59	0.153	0.3
26 CACM-1960	60	0.167	0.333
26 CACM-2621	61	0.164	0.333
26 CACM-1534	62	0.161	0.333
26 CACM-2069	63	0.159	0.333
26 CACM-2629	64	0.156	0.333
26 CACM-3050	65	0.154	0.333
26 CACM-0696	66	0.152	0.333
26 CACM-2500	67	0.149	0.333
26 CACM-1264	68	0.147	0.333
26 CACM-2940	69	0.145	0.333
26 CACM-2188	70	0.143	0.333
26 CACM-2345	71	0.141	0.333
26 CACM-2888	72	0.139	0.333
26 CACM-1657	73	0.137	0.333
26 CACM-3137	74	0.135	0.333
26 CACM-1937	75	0.133	0.333
26 CACM-1746	76	0.132	0.333
26 CACM-2407	77	0.13	0.333
26 CACM-2245	78	0.128	0.333
26 CACM-1698	79	0.127	0.333
26 CACM-0972	80	0.125	0.333
26 CACM-2297	81	0.123	0.333
26 CACM-2542	82	0.122	0.333
26 CACM-2577	83	0.12	0.333
26 CACM-3028	84	0.119	0.333
26 CACM-1671	85	0.118	0.333
26 CACM-2812	86	0.116	0.333
26 CACM-1827	87	0.115	0.333
26 CACM-2938	88	0.125	0.367
26 CACM-2689	89	0.124	0.367
26 CACM-1877	90	0.122	0.367
26 CACM-2972	91	0.121	0.367
26 CACM-2105	92	0.12	0.367
26 CACM-2936	93	0.118	0.367
26 CACM-1226	94	0.117	0.367
26 CACM-3011	95	0.116	0.367
26 CACM-2439	96	0.115	0.367

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26 CACM-1464	97	0.113	0.367
26 CACM-2083	98	0.112	0.367
26 CACM-2111	99	0.111	0.367
26 CACM-0059	100	0.11	0.367
27 CACM-2277	1	0	0
27 CACM-2017	2	0	0
27 CACM-1728	3	0	0
27 CACM-2902	4	0.25	0.034
27 CACM-2669	5	0.4	0.069
27 CACM-1901	6	0.5	0.103
27 CACM-1751	7	0.429	0.103
27 CACM-2374	8	0.375	0.103
27 CACM-1753	9	0.333	0.103
27 CACM-3006	10	0.3	0.103
27 CACM-1754	11	0.273	0.103
27 CACM-3000	12	0.333	0.138
27 CACM-2358	13	0.308	0.138
27 CACM-1752	14	0.357	0.172
27 CACM-2450	15	0.333	0.172
27 CACM-2297	16	0.375	0.207
27 CACM-2435	17	0.412	0.241
27 CACM-2319	18	0.389	0.241
27 CACM-2668	19	0.368	0.241
27 CACM-2928	20	0.35	0.241
27 CACM-1924	21	0.333	0.241
27 CACM-2522	22	0.318	0.241
27 CACM-2859	23	0.348	0.276
27 CACM-2911	24	0.333	0.276
27 CACM-2481	25	0.36	0.31
27 CACM-2262	26	0.346	0.31
27 CACM-1750	27	0.37	0.345
27 CACM-1677	28	0.357	0.345
27 CACM-2498	29	0.379	0.379
27 CACM-2681	30	0.367	0.379
27 CACM-2646	31	0.355	0.379
27 CACM-2095	32	0.375	0.414
27 CACM-2988	33	0.394	0.448
27 CACM-2596	34	0.412	0.483
27 CACM-3153	35	0.4	0.483
27 CACM-2967	36	0.389	0.483
27 CACM-2162	37	0.378	0.483
27 CACM-2914	38	0.368	0.483
27 CACM-1708	39	0.359	0.483
27 CACM-2864	40	0.375	0.517
27 CACM-1892	41	0.366	0.517
27 CACM-2798	42	0.381	0.552
27 CACM-2863	43	0.372	0.552
27 CACM-1247	44	0.364	0.552
27 CACM-2299	45	0.356	0.552

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27 CACM-3028	46	0.348	0.552
27 CACM-2626	47	0.34	0.552
27 CACM-3072	48	0.333	0.552
27 CACM-2624	49	0.327	0.552
27 CACM-1826	50	0.32	0.552
27 CACM-1503	51	0.314	0.552
27 CACM-2069	52	0.308	0.552
27 CACM-3067	53	0.302	0.552
27 CACM-2667	54	0.296	0.552
27 CACM-2526	55	0.291	0.552
27 CACM-2955	56	0.304	0.586
27 CACM-2734	57	0.316	0.621
27 CACM-0276	58	0.31	0.621
27 CACM-2741	59	0.305	0.621
27 CACM-2768	60	0.317	0.655
27 CACM-1810	61	0.311	0.655
27 CACM-2343	62	0.306	0.655
27 CACM-1747	63	0.302	0.655
27 CACM-2365	64	0.297	0.655
27 CACM-2208	65	0.292	0.655
27 CACM-2582	66	0.288	0.655
27 CACM-2881	67	0.284	0.655
27 CACM-2156	68	0.279	0.655
27 CACM-2016	69	0.275	0.655
27 CACM-2151	70	0.271	0.655
27 CACM-3068	71	0.268	0.655
27 CACM-2579	72	0.264	0.655
27 CACM-0274	73	0.26	0.655
27 CACM-2516	74	0.257	0.655
27 CACM-2438	75	0.253	0.655
27 CACM-3112	76	0.25	0.655
27 CACM-2867	77	0.247	0.655
27 CACM-2424	78	0.244	0.655
27 CACM-1626	79	0.241	0.655
27 CACM-0278	80	0.237	0.655
27 CACM-2740	81	0.235	0.655
27 CACM-1552	82	0.232	0.655
27 CACM-2625	83	0.229	0.655
27 CACM-3088	84	0.226	0.655
27 CACM-2375	85	0.224	0.655
27 CACM-1698	86	0.221	0.655
27 CACM-1879	87	0.23	0.69
27 CACM-2080	88	0.227	0.69
27 CACM-2452	89	0.225	0.69
27 CACM-2680	90	0.222	0.69
27 CACM-2845	91	0.22	0.69
27 CACM-2128	92	0.217	0.69
27 CACM-2750	93	0.215	0.69
27 CACM-2379	94	0.213	0.69

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27 CACM-1572	95	0.211	0.69
27 CACM-1845	96	0.208	0.69
27 CACM-1409	97	0.206	0.69
27 CACM-2377	98	0.204	0.69
27 CACM-2406	99	0.202	0.69
27 CACM-2188	100	0.2	0.69
28 CACM-3032	1	1	0.2
28 CACM-2949	2	1	0.4
28 CACM-2849	3	1	0.6
28 CACM-2890	4	1	0.8
28 CACM-2892	5	0.8	0.8
28 CACM-1928	6	0.667	0.8
28 CACM-2951	7	0.571	0.8
28 CACM-2969	8	0.5	0.8
28 CACM-3070	9	0.444	0.8
28 CACM-1685	10	0.4	0.8
28 CACM-2371	11	0.364	0.8
28 CACM-2197	12	0.333	0.8
28 CACM-3158	13	0.308	0.8
28 CACM-1695	14	0.286	0.8
28 CACM-2988	15	0.267	0.8
28 CACM-2776	16	0.25	0.8
28 CACM-2046	17	0.235	0.8
28 CACM-1261	18	0.222	0.8
28 CACM-2515	19	0.211	0.8
28 CACM-1846	20	0.2	0.8
28 CACM-1723	21	0.19	0.8
28 CACM-2274	22	0.182	0.8
28 CACM-2894	23	0.174	0.8
28 CACM-1989	24	0.167	0.8
28 CACM-3059	25	0.16	0.8
28 CACM-3082	26	0.154	0.8
28 CACM-2900	27	0.148	0.8
28 CACM-1745	28	0.143	0.8
28 CACM-2454	29	0.138	0.8
28 CACM-3133	30	0.133	0.8
28 CACM-2712	31	0.129	0.8
28 CACM-0828	32	0.125	0.8
28 CACM-1890	33	0.121	0.8
28 CACM-2630	34	0.118	0.8
28 CACM-3148	35	0.114	0.8
28 CACM-1572	36	0.111	0.8
28 CACM-3040	37	0.108	0.8
28 CACM-3137	38	0.105	0.8
28 CACM-0441	39	0.103	0.8
28 CACM-1728	40	0.1	0.8
28 CACM-3038	41	0.098	0.8
28 CACM-3076	42	0.095	0.8
28 CACM-2289	43	0.093	0.8

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28 CACM-1199	44	0.091	0.8
28 CACM-2973	45	0.089	0.8
28 CACM-2188	46	0.087	0.8
28 CACM-1811	47	0.085	0.8
28 CACM-2276	48	0.083	0.8
28 CACM-1108	49	0.082	0.8
28 CACM-1611	50	0.08	0.8
28 CACM-2535	51	0.078	0.8
28 CACM-2406	52	0.077	0.8
28 CACM-1951	53	0.075	0.8
28 CACM-1929	54	0.074	0.8
28 CACM-2450	55	0.073	0.8
28 CACM-1543	56	0.071	0.8
28 CACM-1916	57	0.07	0.8
28 CACM-1844	58	0.069	0.8
28 CACM-0605	59	0.068	0.8
28 CACM-3072	60	0.067	0.8
28 CACM-2828	61	0.066	0.8
28 CACM-2718	62	0.065	0.8
28 CACM-2522	63	0.063	0.8
28 CACM-2319	64	0.062	0.8
28 CACM-2741	65	0.062	0.8
28 CACM-1366	66	0.061	0.8
28 CACM-2344	67	0.06	0.8
28 CACM-1034	68	0.059	0.8
28 CACM-3128	69	0.058	0.8
28 CACM-1751	70	0.057	0.8
28 CACM-3164	71	0.056	0.8
28 CACM-2151	72	0.056	0.8
28 CACM-1427	73	0.055	0.8
28 CACM-1326	74	0.054	0.8
28 CACM-2977	75	0.053	0.8
28 CACM-1889	76	0.053	0.8
28 CACM-2950	77	0.052	0.8
28 CACM-2882	78	0.051	0.8
28 CACM-1906	79	0.051	0.8
28 CACM-3153	80	0.05	0.8
28 CACM-2318	81	0.049	0.8
28 CACM-2401	82	0.049	0.8
28 CACM-1533	83	0.048	0.8
28 CACM-2852	84	0.048	0.8
28 CACM-2216	85	0.047	0.8
28 CACM-2955	86	0.047	0.8
28 CACM-1066	87	0.046	0.8
28 CACM-2092	88	0.045	0.8
28 CACM-0616	89	0.045	0.8
28 CACM-2479	90	0.044	0.8
28 CACM-2578	91	0.055	1
28 CACM-2178	92	0.054	1

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28 CACM-2308	93	0.054	1
28 CACM-1711	94	0.053	1
28 CACM-0409	95	0.053	1
28 CACM-2934	96	0.052	1
28 CACM-2798	97	0.052	1
28 CACM-1032	98	0.051	1
28 CACM-1503	99	0.051	1
28 CACM-3048	100	0.05	1
29 CACM-1539	1	1	0.053
29 CACM-1933	2	0.5	0.053
29 CACM-1840	3	0.667	0.105
29 CACM-1841	4	0.75	0.158
29 CACM-2089	5	0.8	0.211
29 CACM-1537	6	0.833	0.263
29 CACM-1538	7	0.857	0.316
29 CACM-1420	8	0.875	0.368
29 CACM-2462	9	0.889	0.421
29 CACM-1691	10	0.8	0.421
29 CACM-2507	11	0.727	0.421
29 CACM-2206	12	0.667	0.421
29 CACM-2122	13	0.615	0.421
29 CACM-1930	14	0.571	0.421
29 CACM-2123	15	0.533	0.421
29 CACM-2334	16	0.5	0.421
29 CACM-2109	17	0.471	0.421
29 CACM-2057	18	0.444	0.421
29 CACM-1894	19	0.421	0.421
29 CACM-1874	20	0.4	0.421
29 CACM-1967	21	0.429	0.474
29 CACM-2770	22	0.409	0.474
29 CACM-1716	23	0.391	0.474
29 CACM-1663	24	0.375	0.474
29 CACM-2927	25	0.4	0.526
29 CACM-2565	26	0.385	0.526
29 CACM-1794	27	0.37	0.526
29 CACM-1094	28	0.393	0.579
29 CACM-2115	29	0.379	0.579
29 CACM-2240	30	0.367	0.579
29 CACM-1812	31	0.355	0.579
29 CACM-2249	32	0.344	0.579
29 CACM-3037	33	0.364	0.632
29 CACM-1674	34	0.353	0.632
29 CACM-1717	35	0.343	0.632
29 CACM-2333	36	0.333	0.632
29 CACM-1631	37	0.324	0.632
29 CACM-0611	38	0.316	0.632
29 CACM-2018	39	0.308	0.632
29 CACM-1293	40	0.3	0.632
29 CACM-2031	41	0.293	0.632

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29 CACM-2067	42	0.286	0.632
29 CACM-1521	43	0.279	0.632
29 CACM-1991	44	0.273	0.632
29 CACM-0499	45	0.267	0.632
29 CACM-0505	46	0.261	0.632
29 CACM-0258	47	0.255	0.632
29 CACM-1725	48	0.25	0.632
29 CACM-1218	49	0.245	0.632
29 CACM-0467	50	0.24	0.632
29 CACM-1559	51	0.235	0.632
29 CACM-2686	52	0.231	0.632
29 CACM-2654	53	0.226	0.632
29 CACM-2103	54	0.222	0.632
29 CACM-2200	55	0.218	0.632
29 CACM-2726	56	0.214	0.632
29 CACM-2687	57	0.211	0.632
29 CACM-2549	58	0.207	0.632
29 CACM-3115	59	0.203	0.632
29 CACM-2349	60	0.2	0.632
29 CACM-2605	61	0.197	0.632
29 CACM-0298	62	0.194	0.632
29 CACM-1851	63	0.19	0.632
29 CACM-2121	64	0.188	0.632
29 CACM-1783	65	0.185	0.632
29 CACM-2490	66	0.182	0.632
29 CACM-2489	67	0.179	0.632
29 CACM-1386	68	0.176	0.632
29 CACM-0567	69	0.174	0.632
29 CACM-0568	70	0.171	0.632
29 CACM-0353	71	0.169	0.632
29 CACM-1268	72	0.167	0.632
29 CACM-0355	73	0.164	0.632
29 CACM-0348	74	0.162	0.632
29 CACM-0979	75	0.16	0.632
29 CACM-1011	76	0.158	0.632
29 CACM-0443	77	0.156	0.632
29 CACM-0304	78	0.154	0.632
29 CACM-0546	79	0.152	0.632
29 CACM-1219	80	0.15	0.632
29 CACM-0553	81	0.148	0.632
29 CACM-2963	82	0.146	0.632
29 CACM-1416	83	0.145	0.632
29 CACM-2416	84	0.143	0.632
29 CACM-2695	85	0.141	0.632
29 CACM-2104	86	0.14	0.632
29 CACM-1934	87	0.138	0.632
29 CACM-1122	88	0.136	0.632
29 CACM-3021	89	0.135	0.632
29 CACM-1258	90	0.133	0.632

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29 CACM-2146	91	0.132	0.632
29 CACM-0405	92	0.13	0.632
29 CACM-1520	93	0.129	0.632
29 CACM-1405	94	0.128	0.632
29 CACM-3085	95	0.126	0.632
29 CACM-2273	96	0.125	0.632
29 CACM-1152	97	0.124	0.632
29 CACM-2269	98	0.122	0.632
29 CACM-0898	99	0.121	0.632
29 CACM-2940	100	0.12	0.632
30 CACM-1926	1	1	0.25
30 CACM-2947	2	0.5	0.25
30 CACM-2501	3	0.333	0.25
30 CACM-1697	4	0.25	0.25
30 CACM-2035	5	0.2	0.25
30 CACM-2786	6	0.333	0.5
30 CACM-2916	7	0.286	0.5
30 CACM-2746	8	0.25	0.5
30 CACM-1502	9	0.222	0.5
30 CACM-1856	10	0.2	0.5
30 CACM-2399	11	0.182	0.5
30 CACM-1652	12	0.167	0.5
30 CACM-2341	13	0.154	0.5
30 CACM-2631	14	0.143	0.5
30 CACM-2486	15	0.2	0.75
30 CACM-3115	16	0.188	0.75
30 CACM-2519	17	0.176	0.75
30 CACM-2819	18	0.167	0.75
30 CACM-2299	19	0.158	0.75
30 CACM-1487	20	0.15	0.75
30 CACM-3162	21	0.143	0.75
30 CACM-1542	22	0.136	0.75
30 CACM-1170	23	0.13	0.75
30 CACM-1824	24	0.125	0.75
30 CACM-2396	25	0.12	0.75
30 CACM-1112	26	0.115	0.75
30 CACM-2764	27	0.111	0.75
30 CACM-1927	28	0.107	0.75
30 CACM-2917	29	0.138	1
30 CACM-1739	30	0.133	1
30 CACM-1272	31	0.129	1
30 CACM-1665	32	0.125	1
30 CACM-2629	33	0.121	1
30 CACM-2959	34	0.118	1
30 CACM-1591	35	0.114	1
30 CACM-2390	36	0.111	1
30 CACM-2516	37	0.108	1
30 CACM-1726	38	0.105	1
30 CACM-2050	39	0.103	1

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30 CACM-2623	40	0.1	1
30 CACM-1700	41	0.098	1
30 CACM-2980	42	0.095	1
30 CACM-2537	43	0.093	1
30 CACM-1698	44	0.091	1
30 CACM-0644	45	0.089	1
30 CACM-0071	46	0.087	1
30 CACM-3012	47	0.085	1
30 CACM-1033	48	0.083	1
30 CACM-1518	49	0.082	1
30 CACM-1168	50	0.08	1
30 CACM-2582	51	0.078	1
30 CACM-2541	52	0.077	1
30 CACM-1523	53	0.075	1
30 CACM-1681	54	0.074	1
30 CACM-1699	55	0.073	1
30 CACM-2288	56	0.071	1
30 CACM-1931	57	0.07	1
30 CACM-2811	58	0.069	1
30 CACM-1046	59	0.068	1
30 CACM-2019	60	0.067	1
30 CACM-2252	61	0.066	1
30 CACM-1937	62	0.065	1
30 CACM-2739	63	0.063	1
30 CACM-1616	64	0.062	1
30 CACM-2379	65	0.062	1
30 CACM-2092	66	0.061	1
30 CACM-2988	67	0.06	1
30 CACM-2378	68	0.059	1
30 CACM-3080	69	0.058	1
30 CACM-3202	70	0.057	1
30 CACM-1747	71	0.056	1
30 CACM-2542	72	0.056	1
30 CACM-2624	73	0.055	1
30 CACM-2989	74	0.054	1
30 CACM-2054	75	0.053	1
30 CACM-1248	76	0.053	1
30 CACM-0731	77	0.052	1
30 CACM-2319	78	0.051	1
30 CACM-2622	79	0.051	1
30 CACM-3005	80	0.05	1
30 CACM-0972	81	0.049	1
30 CACM-1427	82	0.049	1
30 CACM-1680	83	0.048	1
30 CACM-1256	84	0.048	1
30 CACM-2919	85	0.047	1
30 CACM-1455	86	0.047	1
30 CACM-2105	87	0.046	1
30 CACM-2593	88	0.045	1

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30 CACM-1457	89	0.045	1
30 CACM-2439	90	0.044	1
30 CACM-3089	91	0.044	1
30 CACM-3168	92	0.043	1
30 CACM-1962	93	0.043	1
30 CACM-1570	94	0.043	1
30 CACM-3169	95	0.042	1
30 CACM-1829	96	0.042	1
30 CACM-2859	97	0.041	1
30 CACM-1741	98	0.041	1
30 CACM-2949	99	0.04	1
30 CACM-2948	100	0.04	1
31 CACM-3047	1	1	0.5
31 CACM-1686	2	0.5	0.5
31 CACM-2142	3	0.333	0.5
31 CACM-2421	4	0.25	0.5
31 CACM-2211	5	0.2	0.5
31 CACM-2674	6	0.167	0.5
31 CACM-2283	7	0.143	0.5
31 CACM-3013	8	0.125	0.5
31 CACM-2065	9	0.111	0.5
31 CACM-1327	10	0.1	0.5
31 CACM-2829	11	0.091	0.5
31 CACM-2370	12	0.083	0.5
31 CACM-2125	13	0.154	1
31 CACM-1741	14	0.143	1
31 CACM-2687	15	0.133	1
31 CACM-1891	16	0.125	1
31 CACM-3015	17	0.118	1
31 CACM-1144	18	0.111	1
31 CACM-2004	19	0.105	1
31 CACM-2231	20	0.1	1
31 CACM-2826	21	0.095	1
31 CACM-2188	22	0.091	1
31 CACM-2402	23	0.087	1
31 CACM-1543	24	0.083	1
31 CACM-2020	25	0.08	1
31 CACM-1664	26	0.077	1
31 CACM-2721	27	0.074	1
31 CACM-0605	28	0.071	1
31 CACM-2751	29	0.069	1
31 CACM-2925	30	0.067	1
31 CACM-2152	31	0.065	1
31 CACM-2924	32	0.062	1
31 CACM-3070	33	0.061	1
31 CACM-0078	34	0.059	1
31 CACM-1366	35	0.057	1
31 CACM-1261	36	0.056	1
31 CACM-0533	37	0.054	1

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31 CACM-2795	38	0.053	1
31 CACM-1928	39	0.051	1
31 CACM-3059	40	0.05	1
31 CACM-1680	41	0.049	1
31 CACM-2606	42	0.048	1
31 CACM-0531	43	0.047	1
31 CACM-2828	44	0.045	1
31 CACM-1929	45	0.044	1
31 CACM-2913	46	0.043	1
31 CACM-1388	47	0.043	1
31 CACM-0893	48	0.042	1
31 CACM-2819	49	0.041	1
31 CACM-1961	50	0.04	1
31 CACM-2950	51	0.039	1
31 CACM-0104	52	0.038	1
31 CACM-1108	53	0.038	1
31 CACM-1433	54	0.037	1
31 CACM-1427	55	0.036	1
31 CACM-0867	56	0.036	1
31 CACM-2931	57	0.035	1
31 CACM-1572	58	0.034	1
31 CACM-2195	59	0.034	1
31 CACM-2669	60	0.033	1
31 CACM-3200	61	0.033	1
31 CACM-3160	62	0.032	1
31 CACM-2862	63	0.032	1
31 CACM-2993	64	0.031	1
31 CACM-2051	65	0.031	1
31 CACM-1571	66	0.03	1
31 CACM-1206	67	0.03	1
31 CACM-1695	68	0.029	1
31 CACM-2274	69	0.029	1
31 CACM-1381	70	0.029	1
31 CACM-1350	71	0.028	1
31 CACM-0464	72	0.028	1
31 CACM-2232	73	0.027	1
31 CACM-0615	74	0.027	1
31 CACM-2396	75	0.027	1
31 CACM-1721	76	0.026	1
31 CACM-1046	77	0.026	1
31 CACM-0973	78	0.026	1
31 CACM-1742	79	0.025	1
31 CACM-2994	80	0.025	1
31 CACM-3077	81	0.025	1
31 CACM-2883	82	0.024	1
31 CACM-1066	83	0.024	1
31 CACM-2341	84	0.024	1
31 CACM-1533	85	0.024	1
31 CACM-1847	86	0.023	1

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31 CACM-1392	87	0.023	1
31 CACM-2627	88	0.023	1
31 CACM-1916	89	0.022	1
31 CACM-1951	90	0.022	1
31 CACM-1529	91	0.022	1
31 CACM-0670	92	0.022	1
31 CACM-2344	93	0.022	1
31 CACM-1710	94	0.021	1
31 CACM-1698	95	0.021	1
31 CACM-3198	96	0.021	1
31 CACM-2314	97	0.021	1
31 CACM-1862	98	0.02	1
31 CACM-1253	99	0.02	1
31 CACM-1154	100	0.02	1
32 CACM-3139	1	1	0.333
32 CACM-2883	2	0.5	0.333
32 CACM-2490	3	0.333	0.333
32 CACM-2630	4	0.25	0.333
32 CACM-3156	5	0.2	0.333
32 CACM-2177	6	0.167	0.333
32 CACM-3018	7	0.143	0.333
32 CACM-2619	8	0.125	0.333
32 CACM-2289	9	0.111	0.333
32 CACM-1847	10	0.1	0.333
32 CACM-1961	11	0.091	0.333
32 CACM-1504	12	0.083	0.333
32 CACM-2368	13	0.077	0.333
32 CACM-2877	14	0.071	0.333
32 CACM-2059	15	0.067	0.333
32 CACM-1145	16	0.125	0.667
32 CACM-2484	17	0.118	0.667
32 CACM-2052	18	0.111	0.667
32 CACM-3040	19	0.105	0.667
32 CACM-2980	20	0.1	0.667
32 CACM-2189	21	0.095	0.667
32 CACM-2015	22	0.091	0.667
32 CACM-2568	23	0.087	0.667
32 CACM-2701	24	0.083	0.667
32 CACM-2195	25	0.08	0.667
32 CACM-2923	26	0.077	0.667
32 CACM-2178	27	0.074	0.667
32 CACM-2155	28	0.071	0.667
32 CACM-2986	29	0.069	0.667
32 CACM-2430	30	0.067	0.667
32 CACM-1934	31	0.065	0.667
32 CACM-3124	32	0.062	0.667
32 CACM-3033	33	0.061	0.667
32 CACM-2695	34	0.059	0.667
32 CACM-3008	35	0.057	0.667

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32 CACM-1935	36	0.056	0.667
32 CACM-2934	37	0.054	0.667
32 CACM-1563	38	0.053	0.667
32 CACM-2767	39	0.051	0.667
32 CACM-2290	40	0.05	0.667
32 CACM-2389	41	0.049	0.667
32 CACM-2172	42	0.048	0.667
32 CACM-2570	43	0.047	0.667
32 CACM-1828	44	0.045	0.667
32 CACM-2752	45	0.044	0.667
32 CACM-2161	46	0.043	0.667
32 CACM-1983	47	0.043	0.667
32 CACM-1529	48	0.042	0.667
32 CACM-3100	49	0.041	0.667
32 CACM-1839	50	0.04	0.667
32 CACM-1947	51	0.039	0.667
32 CACM-2763	52	0.038	0.667
32 CACM-3172	53	0.038	0.667
32 CACM-2646	54	0.037	0.667
32 CACM-3125	55	0.036	0.667
32 CACM-2627	56	0.036	0.667
32 CACM-3164	57	0.035	0.667
32 CACM-1456	58	0.034	0.667
32 CACM-2125	59	0.034	0.667
32 CACM-1886	60	0.033	0.667
32 CACM-2523	61	0.033	0.667
32 CACM-1822	62	0.032	0.667
32 CACM-2769	63	0.032	0.667
32 CACM-2142	64	0.031	0.667
32 CACM-3057	65	0.031	0.667
32 CACM-2461	66	0.03	0.667
32 CACM-1481	67	0.03	0.667
32 CACM-2819	68	0.029	0.667
32 CACM-2790	69	0.029	0.667
32 CACM-2950	70	0.029	0.667
32 CACM-2196	71	0.028	0.667
32 CACM-2273	72	0.028	0.667
32 CACM-2453	73	0.027	0.667
32 CACM-2283	74	0.027	0.667
32 CACM-3132	75	0.027	0.667
32 CACM-2832	76	0.026	0.667
32 CACM-2692	77	0.026	0.667
32 CACM-2753	78	0.026	0.667
32 CACM-2722	79	0.025	0.667
32 CACM-2925	80	0.025	0.667
32 CACM-1432	81	0.025	0.667
32 CACM-2606	82	0.024	0.667
32 CACM-2094	83	0.024	0.667
32 CACM-1433	84	0.024	0.667

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32 CACM-2524	85	0.024	0.667
32 CACM-2444	86	0.023	0.667
32 CACM-1172	87	0.023	0.667
32 CACM-1905	88	0.023	0.667
32 CACM-3138	89	0.022	0.667
32 CACM-1683	90	0.022	0.667
32 CACM-2053	91	0.022	0.667
32 CACM-2936	92	0.022	0.667
32 CACM-2413	93	0.022	0.667
32 CACM-1727	94	0.021	0.667
32 CACM-2408	95	0.021	0.667
32 CACM-2906	96	0.021	0.667
32 CACM-2275	97	0.021	0.667
32 CACM-1925	98	0.02	0.667
32 CACM-2091	99	0.02	0.667
32 CACM-1116	100	0.02	0.667
33 CACM-2554	1	0	0
33 CACM-2805	2	0.5	1
33 CACM-2697	3	0.333	1
33 CACM-2047	4	0.25	1
33 CACM-2695	5	0.2	1
33 CACM-3115	6	0.167	1
33 CACM-1954	7	0.143	1
33 CACM-2043	8	0.125	1
33 CACM-2284	9	0.111	1
33 CACM-1998	10	0.1	1
33 CACM-2281	11	0.091	1
33 CACM-2335	12	0.083	1
33 CACM-2081	13	0.077	1
33 CACM-2806	14	0.071	1
33 CACM-1501	15	0.067	1
33 CACM-0495	16	0.062	1
33 CACM-2787	17	0.059	1
33 CACM-3152	18	0.056	1
33 CACM-3085	19	0.053	1
33 CACM-1423	20	0.05	1
33 CACM-0070	21	0.048	1
33 CACM-2226	22	0.045	1
33 CACM-2758	23	0.043	1
33 CACM-2000	24	0.042	1
33 CACM-1692	25	0.04	1
33 CACM-1347	26	0.038	1
33 CACM-2353	27	0.037	1
33 CACM-1610	28	0.036	1
33 CACM-3016	29	0.034	1
33 CACM-2134	30	0.033	1
33 CACM-1809	31	0.032	1
33 CACM-2186	32	0.031	1
33 CACM-2567	33	0.03	1

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33 CACM-1147	34	0.029	1
33 CACM-2807	35	0.029	1
33 CACM-1529	36	0.028	1
33 CACM-1116	37	0.027	1
33 CACM-1924	38	0.026	1
33 CACM-1707	39	0.026	1
33 CACM-2289	40	0.025	1
33 CACM-2780	41	0.024	1
33 CACM-2809	42	0.024	1
33 CACM-2213	43	0.023	1
33 CACM-1285	44	0.023	1
33 CACM-1766	45	0.022	1
33 CACM-1614	46	0.022	1
33 CACM-2177	47	0.021	1
33 CACM-1787	48	0.021	1
33 CACM-3200	49	0.02	1
33 CACM-2769	50	0.02	1
33 CACM-0441	51	0.02	1
33 CACM-2261	52	0.019	1
33 CACM-1623	53	0.019	1
33 CACM-1577	54	0.019	1
33 CACM-2544	55	0.018	1
33 CACM-3059	56	0.018	1
33 CACM-2248	57	0.018	1
33 CACM-1441	58	0.017	1
33 CACM-1963	59	0.017	1
33 CACM-2419	60	0.017	1
33 CACM-2557	61	0.016	1
33 CACM-3153	62	0.016	1
33 CACM-3138	63	0.016	1
33 CACM-1274	64	0.016	1
33 CACM-1363	65	0.015	1
33 CACM-2568	66	0.015	1
33 CACM-0497	67	0.015	1
33 CACM-2488	68	0.015	1
33 CACM-1143	69	0.014	1
33 CACM-1887	70	0.014	1
33 CACM-2883	71	0.014	1
33 CACM-1709	72	0.014	1
33 CACM-2837	73	0.014	1
33 CACM-0409	74	0.014	1
33 CACM-1066	75	0.013	1
33 CACM-2605	76	0.013	1
33 CACM-2195	77	0.013	1
33 CACM-1014	78	0.013	1
33 CACM-2812	79	0.013	1
33 CACM-1457	80	0.013	1
33 CACM-1605	81	0.012	1
33 CACM-1636	82	0.012	1

System 4

33 CACM-1651	83	0.012	1
33 CACM-1196	84	0.012	1
33 CACM-1968	85	0.012	1
33 CACM-1046	86	0.012	1
33 CACM-1334	87	0.011	1
33 CACM-0284	88	0.011	1
33 CACM-1473	89	0.011	1
33 CACM-2929	90	0.011	1
33 CACM-1647	91	0.011	1
33 CACM-1543	92	0.011	1
33 CACM-1836	93	0.011	1
33 CACM-1369	94	0.011	1
33 CACM-3001	95	0.011	1
33 CACM-2887	96	0.01	1
33 CACM-2064	97	0.01	1
33 CACM-2369	98	0.01	1
33 CACM-1047	99	0.01	1
33 CACM-2247	100	0.01	1
36 CACM-2179	1	1	0.05
36 CACM-1683	2	1	0.1
36 CACM-2733	3	1	0.15
36 CACM-2739	4	0.75	0.15
36 CACM-2061	5	0.6	0.15
36 CACM-1836	6	0.667	0.2
36 CACM-2110	7	0.714	0.25
36 CACM-1825	8	0.75	0.3
36 CACM-2921	9	0.667	0.3
36 CACM-1265	10	0.7	0.35
36 CACM-3045	11	0.636	0.35
36 CACM-1768	12	0.667	0.4
36 CACM-1989	13	0.615	0.4
36 CACM-2015	14	0.643	0.45
36 CACM-2301	15	0.6	0.45
36 CACM-1855	16	0.562	0.45
36 CACM-2698	17	0.529	0.45
36 CACM-2546	18	0.5	0.45
36 CACM-2702	19	0.526	0.5
36 CACM-1350	20	0.55	0.55
36 CACM-3094	21	0.571	0.6
36 CACM-2703	22	0.545	0.6
36 CACM-1012	23	0.522	0.6
36 CACM-3093	24	0.5	0.6
36 CACM-2340	25	0.52	0.65
36 CACM-2423	26	0.538	0.7
36 CACM-1787	27	0.556	0.75
36 CACM-2030	28	0.536	0.75
36 CACM-1527	29	0.517	0.75
36 CACM-2113	30	0.5	0.75
36 CACM-1911	31	0.484	0.75

System 4

36 CACM-1612	32	0.469	0.75
36 CACM-2050	33	0.455	0.75
36 CACM-1737	34	0.441	0.75
36 CACM-2754	35	0.429	0.75
36 CACM-2112	36	0.417	0.75
36 CACM-2986	37	0.432	0.8
36 CACM-2836	38	0.447	0.85
36 CACM-1939	39	0.436	0.85
36 CACM-1885	40	0.425	0.85
36 CACM-2708	41	0.439	0.9
36 CACM-2824	42	0.452	0.95
36 CACM-2476	43	0.442	0.95
36 CACM-1170	44	0.432	0.95
36 CACM-2886	45	0.422	0.95
36 CACM-2603	46	0.413	0.95
36 CACM-0949	47	0.404	0.95
36 CACM-1399	48	0.396	0.95
36 CACM-2274	49	0.388	0.95
36 CACM-2082	50	0.38	0.95
36 CACM-1569	51	0.373	0.95
36 CACM-2514	52	0.365	0.95
36 CACM-3176	53	0.358	0.95
36 CACM-2982	54	0.352	0.95
36 CACM-1225	55	0.345	0.95
36 CACM-2127	56	0.339	0.95
36 CACM-0464	57	0.333	0.95
36 CACM-2795	58	0.328	0.95
36 CACM-1781	59	0.322	0.95
36 CACM-2581	60	0.317	0.95
36 CACM-2492	61	0.311	0.95
36 CACM-2786	62	0.306	0.95
36 CACM-1453	63	0.302	0.95
36 CACM-1415	64	0.297	0.95
36 CACM-2396	65	0.292	0.95
36 CACM-2764	66	0.288	0.95
36 CACM-2178	67	0.284	0.95
36 CACM-2684	68	0.279	0.95
36 CACM-1548	69	0.275	0.95
36 CACM-2084	70	0.286	1
36 CACM-1824	71	0.282	1
36 CACM-2812	72	0.278	1
36 CACM-2909	73	0.274	1
36 CACM-1191	74	0.27	1
36 CACM-2515	75	0.267	1
36 CACM-2811	76	0.263	1
36 CACM-1723	77	0.26	1
36 CACM-2556	78	0.256	1
36 CACM-2643	79	0.253	1
36 CACM-2794	80	0.25	1

System 4

36 CACM-1358	81	0.247	1
36 CACM-2310	82	0.244	1
36 CACM-2835	83	0.241	1
36 CACM-2177	84	0.238	1
36 CACM-2614	85	0.235	1
36 CACM-1307	86	0.233	1
36 CACM-0224	87	0.23	1
36 CACM-3102	88	0.227	1
36 CACM-1491	89	0.225	1
36 CACM-0483	90	0.222	1
36 CACM-3121	91	0.22	1
36 CACM-3198	92	0.217	1
36 CACM-1679	93	0.215	1
36 CACM-1454	94	0.213	1
36 CACM-0897	95	0.211	1
36 CACM-2785	96	0.208	1
36 CACM-1684	97	0.206	1
36 CACM-1455	98	0.204	1
36 CACM-2719	99	0.202	1
36 CACM-1157	100	0.2	1
37 CACM-2265	1	1	0.083
37 CACM-3105	2	0.5	0.083
37 CACM-2958	3	0.333	0.083
37 CACM-2651	4	0.5	0.167
37 CACM-2956	5	0.4	0.167
37 CACM-2941	6	0.5	0.25
37 CACM-2939	7	0.571	0.333
37 CACM-2632	8	0.625	0.417
37 CACM-2940	9	0.556	0.417
37 CACM-3031	10	0.5	0.417
37 CACM-3103	11	0.455	0.417
37 CACM-2470	12	0.417	0.417
37 CACM-2341	13	0.385	0.417
37 CACM-2184	14	0.357	0.417
37 CACM-3128	15	0.333	0.417
37 CACM-3002	16	0.312	0.417
37 CACM-1768	17	0.294	0.417
37 CACM-2264	18	0.278	0.417
37 CACM-1847	19	0.263	0.417
37 CACM-2060	20	0.25	0.417
37 CACM-1844	21	0.238	0.417
37 CACM-1827	22	0.227	0.417
37 CACM-0867	23	0.217	0.417
37 CACM-1625	24	0.208	0.417
37 CACM-2178	25	0.2	0.417
37 CACM-3048	26	0.192	0.417
37 CACM-1398	27	0.185	0.417
37 CACM-1591	28	0.179	0.417
37 CACM-3142	29	0.172	0.417

System 4

37 CACM-2850	30	0.167	0.417
37 CACM-2083	31	0.161	0.417
37 CACM-1474	32	0.156	0.417
37 CACM-2937	33	0.152	0.417
37 CACM-2002	34	0.147	0.417
37 CACM-1484	35	0.143	0.417
37 CACM-2705	36	0.139	0.417
37 CACM-2003	37	0.135	0.417
37 CACM-3153	38	0.132	0.417
37 CACM-3148	39	0.154	0.5
37 CACM-2527	40	0.15	0.5
37 CACM-2794	41	0.146	0.5
37 CACM-2198	42	0.143	0.5
37 CACM-0982	43	0.14	0.5
37 CACM-1589	44	0.136	0.5
37 CACM-2202	45	0.133	0.5
37 CACM-1348	46	0.13	0.5
37 CACM-2289	47	0.128	0.5
37 CACM-0949	48	0.125	0.5
37 CACM-2342	49	0.122	0.5
37 CACM-1543	50	0.12	0.5
37 CACM-2254	51	0.118	0.5
37 CACM-1366	52	0.115	0.5
37 CACM-2931	53	0.113	0.5
37 CACM-2645	54	0.111	0.5
37 CACM-2810	55	0.109	0.5
37 CACM-2046	56	0.107	0.5
37 CACM-2305	57	0.105	0.5
37 CACM-1572	58	0.103	0.5
37 CACM-1388	59	0.102	0.5
37 CACM-2985	60	0.1	0.5
37 CACM-1854	61	0.098	0.5
37 CACM-1835	62	0.097	0.5
37 CACM-1646	63	0.095	0.5
37 CACM-1892	64	0.094	0.5
37 CACM-2051	65	0.092	0.5
37 CACM-1033	66	0.091	0.5
37 CACM-1875	67	0.09	0.5
37 CACM-2798	68	0.088	0.5
37 CACM-2218	69	0.087	0.5
37 CACM-2252	70	0.086	0.5
37 CACM-1748	71	0.085	0.5
37 CACM-2148	72	0.083	0.5
37 CACM-2560	73	0.082	0.5
37 CACM-0972	74	0.081	0.5
37 CACM-2876	75	0.08	0.5
37 CACM-2943	76	0.079	0.5
37 CACM-0730	77	0.078	0.5
37 CACM-2321	78	0.077	0.5

System 4

37 CACM-2535	79	0.076	0.5
37 CACM-1486	80	0.075	0.5
37 CACM-2851	81	0.074	0.5
37 CACM-2344	82	0.073	0.5
37 CACM-2867	83	0.072	0.5
37 CACM-2316	84	0.071	0.5
37 CACM-2886	85	0.071	0.5
37 CACM-1482	86	0.07	0.5
37 CACM-1083	87	0.069	0.5
37 CACM-1774	88	0.068	0.5
37 CACM-2376	89	0.067	0.5
37 CACM-1199	90	0.067	0.5
37 CACM-0243	91	0.066	0.5
37 CACM-1135	92	0.065	0.5
37 CACM-2317	93	0.065	0.5
37 CACM-2546	94	0.064	0.5
37 CACM-0605	95	0.063	0.5
37 CACM-2138	96	0.062	0.5
37 CACM-1003	97	0.062	0.5
37 CACM-2424	98	0.061	0.5
37 CACM-1747	99	0.061	0.5
37 CACM-1099	100	0.06	0.5
38 CACM-3105	1	0	0
38 CACM-3031	2	0.5	0.062
38 CACM-2939	3	0.667	0.125
38 CACM-2958	4	0.75	0.188
38 CACM-2265	5	0.8	0.25
38 CACM-3103	6	0.833	0.312
38 CACM-2957	7	0.857	0.375
38 CACM-2718	8	0.75	0.375
38 CACM-2940	9	0.778	0.438
38 CACM-2470	10	0.7	0.438
38 CACM-2082	11	0.636	0.438
38 CACM-2956	12	0.667	0.5
38 CACM-2941	13	0.692	0.562
38 CACM-2867	14	0.643	0.562
38 CACM-2651	15	0.667	0.625
38 CACM-2876	16	0.625	0.625
38 CACM-2305	17	0.588	0.625
38 CACM-2254	18	0.556	0.625
38 CACM-2705	19	0.526	0.625
38 CACM-2931	20	0.5	0.625
38 CACM-2247	21	0.476	0.625
38 CACM-2184	22	0.455	0.625
38 CACM-3002	23	0.435	0.625
38 CACM-1408	24	0.417	0.625
38 CACM-2341	25	0.4	0.625
38 CACM-1890	26	0.385	0.625
38 CACM-3148	27	0.37	0.625

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38 CACM-1469	28	0.357	0.625
38 CACM-2937	29	0.345	0.625
38 CACM-1835	30	0.333	0.625
38 CACM-2148	31	0.323	0.625
38 CACM-1698	32	0.312	0.625
38 CACM-2356	33	0.303	0.625
38 CACM-1484	34	0.294	0.625
38 CACM-1641	35	0.286	0.625
38 CACM-1327	36	0.278	0.625
38 CACM-1827	37	0.27	0.625
38 CACM-2138	38	0.263	0.625
38 CACM-0867	39	0.256	0.625
38 CACM-2846	40	0.25	0.625
38 CACM-1348	41	0.244	0.625
38 CACM-2003	42	0.238	0.625
38 CACM-2451	43	0.233	0.625
38 CACM-0321	44	0.227	0.625
38 CACM-2480	45	0.222	0.625
38 CACM-2959	46	0.217	0.625
38 CACM-0071	47	0.213	0.625
38 CACM-1470	48	0.208	0.625
38 CACM-1323	49	0.204	0.625
38 CACM-1902	50	0.2	0.625
38 CACM-2252	51	0.196	0.625
38 CACM-2002	52	0.192	0.625
38 CACM-1572	53	0.189	0.625
38 CACM-1625	54	0.185	0.625
38 CACM-1359	55	0.182	0.625
38 CACM-1433	56	0.179	0.625
38 CACM-2424	57	0.175	0.625
38 CACM-0595	58	0.172	0.625
38 CACM-2622	59	0.169	0.625
38 CACM-2645	60	0.167	0.625
38 CACM-0497	61	0.164	0.625
38 CACM-2051	62	0.161	0.625
38 CACM-2886	63	0.159	0.625
38 CACM-1474	64	0.156	0.625
38 CACM-2542	65	0.154	0.625
38 CACM-2264	66	0.152	0.625
38 CACM-1458	67	0.149	0.625
38 CACM-2594	68	0.147	0.625
38 CACM-3124	69	0.145	0.625
38 CACM-2178	70	0.143	0.625
38 CACM-2534	71	0.141	0.625
38 CACM-1768	72	0.139	0.625
38 CACM-2715	73	0.137	0.625
38 CACM-0605	74	0.135	0.625
38 CACM-2198	75	0.133	0.625
38 CACM-1135	76	0.132	0.625

System 4

38 CACM-2561	77	0.13	0.625
38 CACM-0616	78	0.128	0.625
38 CACM-1678	79	0.127	0.625
38 CACM-1491	80	0.125	0.625
38 CACM-2582	81	0.123	0.625
38 CACM-2202	82	0.122	0.625
38 CACM-0949	83	0.12	0.625
38 CACM-2993	84	0.119	0.625
38 CACM-2919	85	0.118	0.625
38 CACM-1307	86	0.116	0.625
38 CACM-1159	87	0.115	0.625
38 CACM-1710	88	0.114	0.625
38 CACM-1811	89	0.112	0.625
38 CACM-2046	90	0.111	0.625
38 CACM-1742	91	0.11	0.625
38 CACM-0483	92	0.109	0.625
38 CACM-2402	93	0.108	0.625
38 CACM-2888	94	0.106	0.625
38 CACM-1939	95	0.105	0.625
38 CACM-3030	96	0.104	0.625
38 CACM-1861	97	0.103	0.625
38 CACM-2971	98	0.102	0.625
38 CACM-1959	99	0.101	0.625
38 CACM-2817	100	0.1	0.625
39 CACM-3105	1	0	0
39 CACM-2651	2	0.5	0.083
39 CACM-2939	3	0.667	0.167
39 CACM-2940	4	0.5	0.167
39 CACM-2254	5	0.4	0.167
39 CACM-2956	6	0.333	0.167
39 CACM-2941	7	0.429	0.25
39 CACM-2470	8	0.375	0.25
39 CACM-2957	9	0.333	0.25
39 CACM-2265	10	0.4	0.333
39 CACM-2958	11	0.364	0.333
39 CACM-3103	12	0.333	0.333
39 CACM-1861	13	0.385	0.417
39 CACM-2705	14	0.357	0.417
39 CACM-2082	15	0.333	0.417
39 CACM-2937	16	0.312	0.417
39 CACM-1835	17	0.294	0.417
39 CACM-1614	18	0.278	0.417
39 CACM-2264	19	0.263	0.417
39 CACM-2002	20	0.25	0.417
39 CACM-2684	21	0.238	0.417
39 CACM-1902	22	0.227	0.417
39 CACM-2931	23	0.217	0.417
39 CACM-3031	24	0.25	0.5
39 CACM-2178	25	0.24	0.5

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39 CACM-2138	26	0.231	0.5
39 CACM-2305	27	0.222	0.5
39 CACM-1678	28	0.214	0.5
39 CACM-2314	29	0.207	0.5
39 CACM-1491	30	0.2	0.5
39 CACM-3101	31	0.194	0.5
39 CACM-2317	32	0.219	0.583
39 CACM-2341	33	0.212	0.583
39 CACM-2406	34	0.206	0.583
39 CACM-3198	35	0.2	0.583
39 CACM-1463	36	0.194	0.583
39 CACM-2252	37	0.189	0.583
39 CACM-2126	38	0.211	0.667
39 CACM-0867	39	0.205	0.667
39 CACM-1098	40	0.2	0.667
39 CACM-3150	41	0.195	0.667
39 CACM-2546	42	0.19	0.667
39 CACM-1469	43	0.186	0.667
39 CACM-1693	44	0.205	0.75
39 CACM-1485	45	0.2	0.75
39 CACM-2645	46	0.196	0.75
39 CACM-1470	47	0.191	0.75
39 CACM-2915	48	0.188	0.75
39 CACM-2887	49	0.184	0.75
39 CACM-2842	50	0.18	0.75
39 CACM-3030	51	0.176	0.75
39 CACM-2652	52	0.173	0.75
39 CACM-2514	53	0.17	0.75
39 CACM-1703	54	0.167	0.75
39 CACM-2886	55	0.164	0.75
39 CACM-2699	56	0.161	0.75
39 CACM-0655	57	0.158	0.75
39 CACM-2198	58	0.155	0.75
39 CACM-2320	59	0.153	0.75
39 CACM-1747	60	0.15	0.75
39 CACM-2785	61	0.148	0.75
39 CACM-2051	62	0.145	0.75
39 CACM-2603	63	0.143	0.75
39 CACM-1852	64	0.141	0.75
39 CACM-3002	65	0.138	0.75
39 CACM-1135	66	0.136	0.75
39 CACM-0464	67	0.134	0.75
39 CACM-1459	68	0.132	0.75
39 CACM-2717	69	0.13	0.75
39 CACM-1457	70	0.129	0.75
39 CACM-2971	71	0.127	0.75
39 CACM-2316	72	0.125	0.75
39 CACM-1379	73	0.123	0.75
39 CACM-1467	74	0.122	0.75

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39 CACM-2081	75	0.12	0.75
39 CACM-1348	76	0.118	0.75
39 CACM-0949	77	0.117	0.75
39 CACM-1366	78	0.115	0.75
39 CACM-1484	79	0.114	0.75
39 CACM-2558	80	0.125	0.833
39 CACM-2873	81	0.123	0.833
39 CACM-1588	82	0.122	0.833
39 CACM-2632	83	0.133	0.917
39 CACM-1834	84	0.131	0.917
39 CACM-2732	85	0.129	0.917
39 CACM-2733	86	0.128	0.917
39 CACM-1788	87	0.126	0.917
39 CACM-2411	88	0.125	0.917
39 CACM-3077	89	0.124	0.917
39 CACM-2821	90	0.122	0.917
39 CACM-1247	91	0.121	0.917
39 CACM-2148	92	0.12	0.917
39 CACM-3148	93	0.118	0.917
39 CACM-2921	94	0.117	0.917
39 CACM-2184	95	0.116	0.917
39 CACM-3066	96	0.115	0.917
39 CACM-2003	97	0.113	0.917
39 CACM-1625	98	0.112	0.917
39 CACM-2929	99	0.111	0.917
39 CACM-1237	100	0.11	0.917
40 CACM-3105	1	0	0
40 CACM-2939	2	0.5	0.1
40 CACM-2941	3	0.667	0.2
40 CACM-2254	4	0.5	0.2
40 CACM-2940	5	0.6	0.3
40 CACM-2956	6	0.667	0.4
40 CACM-2651	7	0.714	0.5
40 CACM-2705	8	0.625	0.5
40 CACM-2265	9	0.667	0.6
40 CACM-2406	10	0.6	0.6
40 CACM-1485	11	0.545	0.6
40 CACM-2957	12	0.5	0.6
40 CACM-2470	13	0.462	0.6
40 CACM-2958	14	0.5	0.7
40 CACM-1835	15	0.467	0.7
40 CACM-2316	16	0.438	0.7
40 CACM-1588	17	0.412	0.7
40 CACM-2264	18	0.389	0.7
40 CACM-2060	19	0.368	0.7
40 CACM-3103	20	0.35	0.7
40 CACM-2138	21	0.333	0.7
40 CACM-2937	22	0.318	0.7
40 CACM-2252	23	0.304	0.7

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40 CACM-1678	24	0.292	0.7
40 CACM-1459	25	0.28	0.7
40 CACM-2717	26	0.269	0.7
40 CACM-1098	27	0.259	0.7
40 CACM-2684	28	0.25	0.7
40 CACM-2051	29	0.241	0.7
40 CACM-1457	30	0.233	0.7
40 CACM-2931	31	0.226	0.7
40 CACM-2652	32	0.219	0.7
40 CACM-2546	33	0.212	0.7
40 CACM-2305	34	0.206	0.7
40 CACM-2645	35	0.2	0.7
40 CACM-1861	36	0.194	0.7
40 CACM-3198	37	0.189	0.7
40 CACM-2148	38	0.211	0.8
40 CACM-2198	39	0.205	0.8
40 CACM-2314	40	0.2	0.8
40 CACM-2906	41	0.195	0.8
40 CACM-2915	42	0.19	0.8
40 CACM-1470	43	0.186	0.8
40 CACM-1902	44	0.182	0.8
40 CACM-2886	45	0.178	0.8
40 CACM-2178	46	0.174	0.8
40 CACM-1937	47	0.17	0.8
40 CACM-2929	48	0.167	0.8
40 CACM-3101	49	0.163	0.8
40 CACM-1135	50	0.16	0.8
40 CACM-2295	51	0.157	0.8
40 CACM-1366	52	0.154	0.8
40 CACM-2699	53	0.151	0.8
40 CACM-1467	54	0.148	0.8
40 CACM-1852	55	0.145	0.8
40 CACM-1614	56	0.161	0.9
40 CACM-1703	57	0.158	0.9
40 CACM-2002	58	0.155	0.9
40 CACM-2081	59	0.153	0.9
40 CACM-2317	60	0.15	0.9
40 CACM-3030	61	0.148	0.9
40 CACM-0949	62	0.145	0.9
40 CACM-1491	63	0.143	0.9
40 CACM-1693	64	0.141	0.9
40 CACM-2514	65	0.138	0.9
40 CACM-3077	66	0.136	0.9
40 CACM-2732	67	0.134	0.9
40 CACM-2184	68	0.132	0.9
40 CACM-2603	69	0.13	0.9
40 CACM-1469	70	0.129	0.9
40 CACM-3150	71	0.127	0.9
40 CACM-2003	72	0.125	0.9

System 4

40 CACM-1612	73	0.123	0.9
40 CACM-1456	74	0.122	0.9
40 CACM-2873	75	0.12	0.9
40 CACM-2704	76	0.118	0.9
40 CACM-2718	77	0.117	0.9
40 CACM-0990	78	0.115	0.9
40 CACM-3148	79	0.114	0.9
40 CACM-2341	80	0.113	0.9
40 CACM-1710	81	0.111	0.9
40 CACM-2923	82	0.11	0.9
40 CACM-2078	83	0.108	0.9
40 CACM-2126	84	0.119	1
40 CACM-1788	85	0.118	1
40 CACM-1348	86	0.116	1
40 CACM-3185	87	0.115	1
40 CACM-2921	88	0.114	1
40 CACM-2842	89	0.112	1
40 CACM-2943	90	0.111	1
40 CACM-2411	91	0.11	1
40 CACM-1484	92	0.109	1
40 CACM-2320	93	0.108	1
40 CACM-2433	94	0.106	1
40 CACM-3031	95	0.105	1
40 CACM-1959	96	0.104	1
40 CACM-1180	97	0.103	1
40 CACM-1237	98	0.102	1
40 CACM-1747	99	0.101	1
40 CACM-2710	100	0.1	1
42 CACM-2344	1	1	0.048
42 CACM-1827	2	1	0.095
42 CACM-2452	3	0.667	0.095
42 CACM-2319	4	0.5	0.095
42 CACM-3089	5	0.4	0.095
42 CACM-2375	6	0.333	0.095
42 CACM-3048	7	0.429	0.143
42 CACM-3070	8	0.375	0.143
42 CACM-1938	9	0.333	0.143
42 CACM-2951	10	0.4	0.19
42 CACM-2798	11	0.364	0.19
42 CACM-2894	12	0.333	0.19
42 CACM-1653	13	0.385	0.238
42 CACM-1572	14	0.429	0.286
42 CACM-2318	15	0.467	0.333
42 CACM-1752	16	0.438	0.333
42 CACM-2542	17	0.471	0.381
42 CACM-2882	18	0.444	0.381
42 CACM-2218	19	0.421	0.381
42 CACM-2535	20	0.4	0.381
42 CACM-2151	21	0.429	0.429

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42 CACM-1518	22	0.455	0.476
42 CACM-2522	23	0.478	0.524
42 CACM-2859	24	0.458	0.524
42 CACM-3072	25	0.48	0.571
42 CACM-2988	26	0.462	0.571
42 CACM-2188	27	0.444	0.571
42 CACM-2669	28	0.429	0.571
42 CACM-1728	29	0.414	0.571
42 CACM-2017	30	0.4	0.571
42 CACM-2741	31	0.387	0.571
42 CACM-1908	32	0.375	0.571
42 CACM-2812	33	0.364	0.571
42 CACM-1719	34	0.353	0.571
42 CACM-1030	35	0.343	0.571
42 CACM-2245	36	0.333	0.571
42 CACM-1805	37	0.351	0.619
42 CACM-2984	38	0.368	0.667
42 CACM-1928	39	0.359	0.667
42 CACM-1892	40	0.35	0.667
42 CACM-2016	41	0.341	0.667
42 CACM-2372	42	0.333	0.667
42 CACM-2571	43	0.326	0.667
42 CACM-1071	44	0.318	0.667
42 CACM-3137	45	0.311	0.667
42 CACM-1605	46	0.304	0.667
42 CACM-3119	47	0.298	0.667
42 CACM-1680	48	0.292	0.667
42 CACM-1410	49	0.286	0.667
42 CACM-2749	50	0.3	0.714
42 CACM-2262	51	0.294	0.714
42 CACM-1526	52	0.288	0.714
42 CACM-2740	53	0.283	0.714
42 CACM-2765	54	0.278	0.714
42 CACM-2105	55	0.273	0.714
42 CACM-2862	56	0.268	0.714
42 CACM-1750	57	0.263	0.714
42 CACM-2902	58	0.259	0.714
42 CACM-2681	59	0.254	0.714
42 CACM-1032	60	0.25	0.714
42 CACM-1267	61	0.246	0.714
42 CACM-2767	62	0.242	0.714
42 CACM-1912	63	0.238	0.714
42 CACM-3025	64	0.234	0.714
42 CACM-2062	65	0.231	0.714
42 CACM-1901	66	0.227	0.714
42 CACM-1503	67	0.224	0.714
42 CACM-1751	68	0.221	0.714
42 CACM-3136	69	0.217	0.714
42 CACM-2297	70	0.214	0.714

System 4

42 CACM-1542	71	0.211	0.714
42 CACM-2936	72	0.208	0.714
42 CACM-1347	73	0.205	0.714
42 CACM-3147	74	0.203	0.714
42 CACM-1435	75	0.2	0.714
42 CACM-2626	76	0.197	0.714
42 CACM-1844	77	0.195	0.714
42 CACM-2720	78	0.192	0.714
42 CACM-1657	79	0.19	0.714
42 CACM-2990	80	0.188	0.714
42 CACM-1960	81	0.185	0.714
42 CACM-2892	82	0.183	0.714
42 CACM-2561	83	0.181	0.714
42 CACM-2424	84	0.179	0.714
42 CACM-3153	85	0.176	0.714
42 CACM-1699	86	0.174	0.714
42 CACM-2450	87	0.172	0.714
42 CACM-3091	88	0.17	0.714
42 CACM-3174	89	0.169	0.714
42 CACM-3068	90	0.167	0.714
42 CACM-2624	91	0.165	0.714
42 CACM-3002	92	0.163	0.714
42 CACM-1931	93	0.161	0.714
42 CACM-2317	94	0.16	0.714
42 CACM-2967	95	0.158	0.714
42 CACM-3112	96	0.156	0.714
42 CACM-2976	97	0.155	0.714
42 CACM-1959	98	0.153	0.714
42 CACM-2069	99	0.152	0.714
42 CACM-2870	100	0.15	0.714
43 CACM-2924	1	1	0.024
43 CACM-2569	2	0.5	0.024
43 CACM-2829	3	0.667	0.049
43 CACM-2754	4	0.75	0.073
43 CACM-3049	5	0.6	0.073
43 CACM-2771	6	0.667	0.098
43 CACM-2811	7	0.714	0.122
43 CACM-2883	8	0.75	0.146
43 CACM-2402	9	0.667	0.146
43 CACM-3046	10	0.6	0.146
43 CACM-2847	11	0.545	0.146
43 CACM-2751	12	0.583	0.171
43 CACM-3107	13	0.538	0.171
43 CACM-2287	14	0.5	0.171
43 CACM-3098	15	0.467	0.171
43 CACM-2828	16	0.5	0.195
43 CACM-2004	17	0.529	0.22
43 CACM-2341	18	0.5	0.22
43 CACM-3125	19	0.474	0.22

System 4

43 CACM-1590	20	0.45	0.22
43 CACM-2455	21	0.429	0.22
43 CACM-2188	22	0.409	0.22
43 CACM-2925	23	0.391	0.22
43 CACM-3149	24	0.417	0.244
43 CACM-2547	25	0.4	0.244
43 CACM-2113	26	0.385	0.244
43 CACM-1697	27	0.407	0.268
43 CACM-2232	28	0.393	0.268
43 CACM-2105	29	0.379	0.268
43 CACM-1925	30	0.367	0.268
43 CACM-1742	31	0.355	0.268
43 CACM-3165	32	0.344	0.268
43 CACM-2841	33	0.364	0.293
43 CACM-1528	34	0.382	0.317
43 CACM-2827	35	0.4	0.341
43 CACM-0462	36	0.389	0.341
43 CACM-1427	37	0.378	0.341
43 CACM-2211	38	0.395	0.366
43 CACM-2678	39	0.385	0.366
43 CACM-3047	40	0.4	0.39
43 CACM-2903	41	0.39	0.39
43 CACM-2215	42	0.381	0.39
43 CACM-2494	43	0.372	0.39
43 CACM-3062	44	0.386	0.415
43 CACM-1829	45	0.378	0.415
43 CACM-2746	46	0.37	0.415
43 CACM-2370	47	0.362	0.415
43 CACM-2152	48	0.354	0.415
43 CACM-2967	49	0.347	0.415
43 CACM-2201	50	0.36	0.439
43 CACM-1978	51	0.353	0.439
43 CACM-1726	52	0.346	0.439
43 CACM-3135	53	0.34	0.439
43 CACM-2913	54	0.352	0.463
43 CACM-2987	55	0.345	0.463
43 CACM-2231	56	0.339	0.463
43 CACM-1891	57	0.333	0.463
43 CACM-2019	58	0.328	0.463
43 CACM-0824	59	0.322	0.463
43 CACM-1265	60	0.317	0.463
43 CACM-2910	61	0.328	0.488
43 CACM-2486	62	0.323	0.488
43 CACM-0633	63	0.317	0.488
43 CACM-1399	64	0.312	0.488
43 CACM-2959	65	0.308	0.488
43 CACM-2820	66	0.303	0.488
43 CACM-2692	67	0.299	0.488
43 CACM-1929	68	0.294	0.488

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43 CACM-2696	69	0.29	0.488
43 CACM-3116	70	0.3	0.512
43 CACM-2054	71	0.296	0.512
43 CACM-2825	72	0.292	0.512
43 CACM-2078	73	0.288	0.512
43 CACM-2545	74	0.284	0.512
43 CACM-1977	75	0.28	0.512
43 CACM-1325	76	0.289	0.537
43 CACM-2788	77	0.299	0.561
43 CACM-1871	78	0.295	0.561
43 CACM-1844	79	0.291	0.561
43 CACM-0320	80	0.287	0.561
43 CACM-2310	81	0.284	0.561
43 CACM-1719	82	0.28	0.561
43 CACM-2687	83	0.289	0.585
43 CACM-2812	84	0.286	0.585
43 CACM-2035	85	0.282	0.585
43 CACM-1170	86	0.279	0.585
43 CACM-1915	87	0.276	0.585
43 CACM-2369	88	0.273	0.585
43 CACM-1391	89	0.27	0.585
43 CACM-0409	90	0.267	0.585
43 CACM-2187	91	0.264	0.585
43 CACM-2314	92	0.261	0.585
43 CACM-1517	93	0.258	0.585
43 CACM-2267	94	0.255	0.585
43 CACM-2556	95	0.253	0.585
43 CACM-2674	96	0.25	0.585
43 CACM-1592	97	0.247	0.585
43 CACM-1741	98	0.245	0.585
43 CACM-2002	99	0.242	0.585
43 CACM-3050	100	0.24	0.585
44 CACM-2829	1	1	0.059
44 CACM-2523	2	1	0.118
44 CACM-2751	3	1	0.176
44 CACM-2683	4	0.75	0.176
44 CACM-2924	5	0.8	0.235
44 CACM-3047	6	0.833	0.294
44 CACM-2004	7	0.857	0.353
44 CACM-1686	8	0.75	0.353
44 CACM-2827	9	0.778	0.412
44 CACM-2925	10	0.7	0.412
44 CACM-1002	11	0.636	0.412
44 CACM-2696	12	0.583	0.412
44 CACM-1653	13	0.538	0.412
44 CACM-2771	14	0.571	0.471
44 CACM-0533	15	0.533	0.471
44 CACM-2478	16	0.5	0.471
44 CACM-2494	17	0.471	0.471

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44 CACM-2828	18	0.444	0.471
44 CACM-3010	19	0.421	0.471
44 CACM-1030	20	0.4	0.471
44 CACM-1525	21	0.381	0.471
44 CACM-3046	22	0.364	0.471
44 CACM-1679	23	0.348	0.471
44 CACM-1890	24	0.333	0.471
44 CACM-3160	25	0.32	0.471
44 CACM-2062	26	0.308	0.471
44 CACM-2187	27	0.296	0.471
44 CACM-2325	28	0.286	0.471
44 CACM-1366	29	0.276	0.471
44 CACM-1771	30	0.267	0.471
44 CACM-1325	31	0.258	0.471
44 CACM-3003	32	0.25	0.471
44 CACM-1261	33	0.242	0.471
44 CACM-1383	34	0.235	0.471
44 CACM-1621	35	0.229	0.471
44 CACM-1108	36	0.222	0.471
44 CACM-1720	37	0.216	0.471
44 CACM-0323	38	0.211	0.471
44 CACM-1517	39	0.205	0.471
44 CACM-1929	40	0.2	0.471
44 CACM-0088	41	0.195	0.471
44 CACM-2245	42	0.19	0.471
44 CACM-0605	43	0.186	0.471
44 CACM-1026	44	0.182	0.471
44 CACM-3098	45	0.178	0.471
44 CACM-0931	46	0.174	0.471
44 CACM-1927	47	0.17	0.471
44 CACM-1144	48	0.167	0.471
44 CACM-2310	49	0.163	0.471
44 CACM-0236	50	0.16	0.471
44 CACM-2847	51	0.157	0.471
44 CACM-2091	52	0.154	0.471
44 CACM-2749	53	0.151	0.471
44 CACM-0096	54	0.148	0.471
44 CACM-1183	55	0.145	0.471
44 CACM-2560	56	0.143	0.471
44 CACM-0973	57	0.14	0.471
44 CACM-2823	58	0.138	0.471
44 CACM-0464	59	0.136	0.471
44 CACM-3022	60	0.133	0.471
44 CACM-0439	61	0.131	0.471
44 CACM-2721	62	0.129	0.471
44 CACM-3107	63	0.127	0.471
44 CACM-2125	64	0.125	0.471
44 CACM-1871	65	0.123	0.471
44 CACM-0104	66	0.121	0.471

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44 CACM-2962	67	0.119	0.471
44 CACM-0058	68	0.118	0.471
44 CACM-2519	69	0.116	0.471
44 CACM-1592	70	0.114	0.471
44 CACM-3122	71	0.113	0.471
44 CACM-2569	72	0.111	0.471
44 CACM-2249	73	0.11	0.471
44 CACM-1385	74	0.108	0.471
44 CACM-2274	75	0.107	0.471
44 CACM-0974	76	0.105	0.471
44 CACM-2580	77	0.104	0.471
44 CACM-1208	78	0.103	0.471
44 CACM-2852	79	0.101	0.471
44 CACM-1809	80	0.1	0.471
44 CACM-2820	81	0.099	0.471
44 CACM-1159	82	0.098	0.471
44 CACM-1741	83	0.096	0.471
44 CACM-0303	84	0.095	0.471
44 CACM-2687	85	0.106	0.529
44 CACM-2267	86	0.105	0.529
44 CACM-2033	87	0.103	0.529
44 CACM-0491	88	0.102	0.529
44 CACM-2538	89	0.101	0.529
44 CACM-2984	90	0.1	0.529
44 CACM-1703	91	0.099	0.529
44 CACM-0950	92	0.098	0.529
44 CACM-1593	93	0.097	0.529
44 CACM-1110	94	0.096	0.529
44 CACM-1846	95	0.095	0.529
44 CACM-3117	96	0.094	0.529
44 CACM-2949	97	0.093	0.529
44 CACM-2390	98	0.092	0.529
44 CACM-2914	99	0.091	0.529
44 CACM-2306	100	0.09	0.529
45 CACM-2452	1	1	0.038
45 CACM-2765	2	1	0.077
45 CACM-2816	3	1	0.115
45 CACM-2288	4	0.75	0.115
45 CACM-1976	5	0.6	0.115
45 CACM-3002	6	0.667	0.154
45 CACM-2991	7	0.571	0.154
45 CACM-2359	8	0.625	0.192
45 CACM-2140	9	0.667	0.231
45 CACM-2493	10	0.7	0.269
45 CACM-2451	11	0.636	0.269
45 CACM-3134	12	0.583	0.269
45 CACM-1032	13	0.538	0.269
45 CACM-2114	14	0.5	0.269
45 CACM-2437	15	0.467	0.269

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45 CACM-2258	16	0.438	0.269
45 CACM-2680	17	0.471	0.308
45 CACM-2631	18	0.444	0.308
45 CACM-2860	19	0.421	0.308
45 CACM-2882	20	0.45	0.346
45 CACM-2203	21	0.429	0.346
45 CACM-1194	22	0.409	0.346
45 CACM-2969	23	0.435	0.385
45 CACM-3147	24	0.417	0.385
45 CACM-2688	25	0.4	0.385
45 CACM-2516	26	0.385	0.385
45 CACM-2484	27	0.37	0.385
45 CACM-2926	28	0.357	0.385
45 CACM-2722	29	0.345	0.385
45 CACM-2965	30	0.367	0.423
45 CACM-2976	31	0.355	0.423
45 CACM-3168	32	0.375	0.462
45 CACM-3129	33	0.394	0.5
45 CACM-0944	34	0.382	0.5
45 CACM-0855	35	0.371	0.5
45 CACM-1412	36	0.361	0.5
45 CACM-2728	37	0.351	0.5
45 CACM-2716	38	0.368	0.538
45 CACM-1226	39	0.359	0.538
45 CACM-0696	40	0.35	0.538
45 CACM-1830	41	0.341	0.538
45 CACM-1712	42	0.333	0.538
45 CACM-1959	43	0.326	0.538
45 CACM-2375	44	0.318	0.538
45 CACM-2160	45	0.311	0.538
45 CACM-2978	46	0.304	0.538
45 CACM-2307	47	0.298	0.538
45 CACM-2990	48	0.292	0.538
45 CACM-0854	49	0.286	0.538
45 CACM-2313	50	0.28	0.538
45 CACM-1935	51	0.294	0.577
45 CACM-1828	52	0.288	0.577
45 CACM-2032	53	0.283	0.577
45 CACM-2715	54	0.278	0.577
45 CACM-2046	55	0.273	0.577
45 CACM-0849	56	0.268	0.577
45 CACM-2319	57	0.263	0.577
45 CACM-3084	58	0.259	0.577
45 CACM-2711	59	0.254	0.577
45 CACM-2623	60	0.25	0.577
45 CACM-2561	61	0.246	0.577
45 CACM-2718	62	0.242	0.577
45 CACM-1677	63	0.238	0.577
45 CACM-3137	64	0.25	0.615

System 4

45 CACM-3012	65	0.246	0.615
45 CACM-2524	66	0.242	0.615
45 CACM-3089	67	0.239	0.615
45 CACM-2593	68	0.235	0.615
45 CACM-1627	69	0.232	0.615
45 CACM-0695	70	0.229	0.615
45 CACM-1681	71	0.225	0.615
45 CACM-2669	72	0.236	0.654
45 CACM-1503	73	0.233	0.654
45 CACM-1271	74	0.23	0.654
45 CACM-2372	75	0.227	0.654
45 CACM-2033	76	0.224	0.654
45 CACM-3058	77	0.234	0.692
45 CACM-2846	78	0.231	0.692
45 CACM-1753	79	0.228	0.692
45 CACM-1927	80	0.225	0.692
45 CACM-3087	81	0.222	0.692
45 CACM-2888	82	0.22	0.692
45 CACM-2795	83	0.217	0.692
45 CACM-2358	84	0.214	0.692
45 CACM-1515	85	0.212	0.692
45 CACM-2947	86	0.209	0.692
45 CACM-2218	87	0.207	0.692
45 CACM-3152	88	0.216	0.731
45 CACM-2188	89	0.213	0.731
45 CACM-1552	90	0.211	0.731
45 CACM-2646	91	0.209	0.731
45 CACM-0892	92	0.207	0.731
45 CACM-1750	93	0.204	0.731
45 CACM-2781	94	0.202	0.731
45 CACM-1844	95	0.2	0.731
45 CACM-2374	96	0.198	0.731
45 CACM-2406	97	0.196	0.731
45 CACM-2390	98	0.194	0.731
45 CACM-3105	99	0.192	0.731
45 CACM-2109	100	0.19	0.731
48 CACM-2285	1	1	0.083
48 CACM-2223	2	1	0.167
48 CACM-1863	3	1	0.25
48 CACM-1729	4	1	0.333
48 CACM-1899	5	0.8	0.333
48 CACM-2589	6	0.833	0.417
48 CACM-2675	7	0.714	0.417
48 CACM-1759	8	0.625	0.417
48 CACM-1905	9	0.556	0.417
48 CACM-2395	10	0.5	0.417
48 CACM-1873	11	0.455	0.417
48 CACM-2056	12	0.417	0.417
48 CACM-2592	13	0.385	0.417

System 4

48 CACM-0149	14	0.357	0.417
48 CACM-2642	15	0.333	0.417
48 CACM-1880	16	0.312	0.417
48 CACM-1353	17	0.353	0.5
48 CACM-1734	18	0.333	0.5
48 CACM-2324	19	0.316	0.5
48 CACM-1797	20	0.35	0.583
48 CACM-2475	21	0.333	0.583
48 CACM-3138	22	0.318	0.583
48 CACM-1666	23	0.348	0.667
48 CACM-2431	24	0.333	0.667
48 CACM-1688	25	0.32	0.667
48 CACM-1687	26	0.308	0.667
48 CACM-2088	27	0.296	0.667
48 CACM-1690	28	0.286	0.667
48 CACM-2226	29	0.31	0.75
48 CACM-2094	30	0.3	0.75
48 CACM-2509	31	0.29	0.75
48 CACM-2510	32	0.281	0.75
48 CACM-2325	33	0.303	0.833
48 CACM-2745	34	0.294	0.833
48 CACM-1914	35	0.286	0.833
48 CACM-2507	36	0.278	0.833
48 CACM-1147	37	0.27	0.833
48 CACM-1776	38	0.263	0.833
48 CACM-2362	39	0.256	0.833
48 CACM-2206	40	0.25	0.833
48 CACM-2073	41	0.268	0.917
48 CACM-2331	42	0.262	0.917
48 CACM-1066	43	0.256	0.917
48 CACM-2018	44	0.25	0.917
48 CACM-0927	45	0.244	0.917
48 CACM-1985	46	0.239	0.917
48 CACM-1342	47	0.234	0.917
48 CACM-2173	48	0.229	0.917
48 CACM-1744	49	0.224	0.917
48 CACM-3099	50	0.22	0.917
48 CACM-1171	51	0.216	0.917
48 CACM-2562	52	0.212	0.917
48 CACM-2284	53	0.208	0.917
48 CACM-2904	54	0.204	0.917
48 CACM-2158	55	0.2	0.917
48 CACM-1274	56	0.196	0.917
48 CACM-1370	57	0.193	0.917
48 CACM-2766	58	0.19	0.917
48 CACM-2665	59	0.186	0.917
48 CACM-2014	60	0.183	0.917
48 CACM-2256	61	0.18	0.917
48 CACM-2417	62	0.177	0.917

System 4

48 CACM-1817	63	0.175	0.917
48 CACM-2459	64	0.172	0.917
48 CACM-1658	65	0.169	0.917
48 CACM-1336	66	0.167	0.917
48 CACM-2903	67	0.164	0.917
48 CACM-2405	68	0.162	0.917
48 CACM-2009	69	0.159	0.917
48 CACM-2830	70	0.157	0.917
48 CACM-1376	71	0.155	0.917
48 CACM-1883	72	0.153	0.917
48 CACM-1982	73	0.151	0.917
48 CACM-2109	74	0.149	0.917
48 CACM-2040	75	0.147	0.917
48 CACM-2143	76	0.145	0.917
48 CACM-2604	77	0.143	0.917
48 CACM-1586	78	0.141	0.917
48 CACM-0558	79	0.139	0.917
48 CACM-1313	80	0.138	0.917
48 CACM-1786	81	0.136	0.917
48 CACM-1875	82	0.134	0.917
48 CACM-2993	83	0.133	0.917
48 CACM-2761	84	0.131	0.917
48 CACM-3055	85	0.129	0.917
48 CACM-1692	86	0.128	0.917
48 CACM-1073	87	0.126	0.917
48 CACM-2174	88	0.125	0.917
48 CACM-2837	89	0.124	0.917
48 CACM-2548	90	0.122	0.917
48 CACM-2403	91	0.121	0.917
48 CACM-1992	92	0.12	0.917
48 CACM-2824	93	0.118	0.917
48 CACM-2418	94	0.117	0.917
48 CACM-3018	95	0.116	0.917
48 CACM-0131	96	0.115	0.917
48 CACM-2473	97	0.113	0.917
48 CACM-2511	98	0.112	0.917
48 CACM-2879	99	0.111	0.917
48 CACM-1673	100	0.11	0.917
49 CACM-2882	1	0	0
49 CACM-2795	2	0.5	0.125
49 CACM-1681	3	0.667	0.25
49 CACM-1959	4	0.5	0.25
49 CACM-2451	5	0.4	0.25
49 CACM-2288	6	0.333	0.25
49 CACM-2990	7	0.286	0.25
49 CACM-2561	8	0.375	0.375
49 CACM-2046	9	0.333	0.375
49 CACM-1032	10	0.3	0.375
49 CACM-3012	11	0.273	0.375

System 4

49 CACM-1699	12	0.25	0.375
49 CACM-3087	13	0.231	0.375
49 CACM-1457	14	0.214	0.375
49 CACM-2307	15	0.2	0.375
49 CACM-2715	16	0.188	0.375
49 CACM-2519	17	0.176	0.375
49 CACM-2092	18	0.167	0.375
49 CACM-1937	19	0.158	0.375
49 CACM-1927	20	0.15	0.375
49 CACM-2390	21	0.19	0.5
49 CACM-2832	22	0.227	0.625
49 CACM-1527	23	0.217	0.625
49 CACM-2947	24	0.208	0.625
49 CACM-3134	25	0.2	0.625
49 CACM-2127	26	0.231	0.75
49 CACM-2516	27	0.222	0.75
49 CACM-2722	28	0.214	0.75
49 CACM-1935	29	0.207	0.75
49 CACM-2739	30	0.2	0.75
49 CACM-1236	31	0.194	0.75
49 CACM-1976	32	0.188	0.75
49 CACM-2959	33	0.182	0.75
49 CACM-2160	34	0.176	0.75
49 CACM-2163	35	0.171	0.75
49 CACM-2198	36	0.167	0.75
49 CACM-0616	37	0.162	0.75
49 CACM-2314	38	0.158	0.75
49 CACM-0944	39	0.154	0.75
49 CACM-2452	40	0.15	0.75
49 CACM-1359	41	0.146	0.75
49 CACM-2967	42	0.143	0.75
49 CACM-2765	43	0.14	0.75
49 CACM-2965	44	0.136	0.75
49 CACM-2455	45	0.133	0.75
49 CACM-1514	46	0.13	0.75
49 CACM-2711	47	0.128	0.75
49 CACM-1226	48	0.125	0.75
49 CACM-2372	49	0.122	0.75
49 CACM-1680	50	0.12	0.75
49 CACM-3168	51	0.118	0.75
49 CACM-2846	52	0.115	0.75
49 CACM-2396	53	0.113	0.75
49 CACM-2188	54	0.111	0.75
49 CACM-2999	55	0.109	0.75
49 CACM-2798	56	0.107	0.75
49 CACM-2888	57	0.105	0.75
49 CACM-1627	58	0.103	0.75
49 CACM-2050	59	0.102	0.75
49 CACM-2140	60	0.1	0.75

System 4

49 CACM-2730	61	0.098	0.75
49 CACM-3137	62	0.097	0.75
49 CACM-1700	63	0.095	0.75
49 CACM-2406	64	0.094	0.75
49 CACM-1542	65	0.092	0.75
49 CACM-1415	66	0.091	0.75
49 CACM-2358	67	0.09	0.75
49 CACM-1194	68	0.088	0.75
49 CACM-0982	69	0.087	0.75
49 CACM-2522	70	0.086	0.75
49 CACM-1747	71	0.085	0.75
49 CACM-2631	72	0.083	0.75
49 CACM-2479	73	0.082	0.75
49 CACM-2484	74	0.081	0.75
49 CACM-2493	75	0.08	0.75
49 CACM-2138	76	0.079	0.75
49 CACM-0855	77	0.078	0.75
49 CACM-3169	78	0.077	0.75
49 CACM-1885	79	0.076	0.75
49 CACM-2311	80	0.075	0.75
49 CACM-3095	81	0.074	0.75
49 CACM-1652	82	0.073	0.75
49 CACM-2032	83	0.072	0.75
49 CACM-1989	84	0.071	0.75
49 CACM-2870	85	0.071	0.75
49 CACM-1725	86	0.07	0.75
49 CACM-2852	87	0.069	0.75
49 CACM-2402	88	0.068	0.75
49 CACM-1728	89	0.067	0.75
49 CACM-1750	90	0.067	0.75
49 CACM-1412	91	0.066	0.75
49 CACM-1856	92	0.065	0.75
49 CACM-3070	93	0.065	0.75
49 CACM-2812	94	0.064	0.75
49 CACM-1939	95	0.063	0.75
49 CACM-1751	96	0.062	0.75
49 CACM-2593	97	0.062	0.75
49 CACM-2978	98	0.061	0.75
49 CACM-1570	99	0.061	0.75
49 CACM-2318	100	0.06	0.75
57 CACM-3077	1	1	1
57 CACM-3140	2	0.5	1
57 CACM-2645	3	0.333	1
57 CACM-2850	4	0.25	1
57 CACM-2705	5	0.2	1
57 CACM-2802	6	0.167	1
57 CACM-3154	7	0.143	1
57 CACM-1677	8	0.125	1
57 CACM-3150	9	0.111	1

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57 CACM-2314	10	0.1	1
57 CACM-1705	11	0.091	1
57 CACM-3148	12	0.083	1
57 CACM-2320	13	0.077	1
57 CACM-1470	14	0.071	1
57 CACM-1155	15	0.067	1
57 CACM-2943	16	0.062	1
57 CACM-2972	17	0.059	1
57 CACM-2470	18	0.056	1
57 CACM-3121	19	0.053	1
57 CACM-2699	20	0.05	1
57 CACM-2981	21	0.048	1
57 CACM-2148	22	0.045	1
57 CACM-3105	23	0.043	1
57 CACM-2929	24	0.042	1
57 CACM-2922	25	0.04	1
57 CACM-1747	26	0.038	1
57 CACM-1680	27	0.037	1
57 CACM-3080	28	0.036	1
57 CACM-2219	29	0.034	1
57 CACM-1835	30	0.033	1
57 CACM-1469	31	0.032	1
57 CACM-2898	32	0.031	1
57 CACM-2717	33	0.03	1
57 CACM-3145	34	0.029	1
57 CACM-3103	35	0.029	1
57 CACM-1162	36	0.028	1
57 CACM-1188	37	0.027	1
57 CACM-1485	38	0.026	1
57 CACM-1728	39	0.026	1
57 CACM-1811	40	0.025	1
57 CACM-2198	41	0.024	1
57 CACM-2939	42	0.024	1
57 CACM-2931	43	0.023	1
57 CACM-0616	44	0.023	1
57 CACM-3130	45	0.022	1
57 CACM-2700	46	0.022	1
57 CACM-2906	47	0.021	1
57 CACM-2787	48	0.021	1
57 CACM-2716	49	0.02	1
57 CACM-1457	50	0.02	1
57 CACM-2923	51	0.02	1
57 CACM-1703	52	0.019	1
57 CACM-1135	53	0.019	1
57 CACM-2971	54	0.019	1
57 CACM-2406	55	0.018	1
57 CACM-2876	56	0.018	1
57 CACM-3078	57	0.018	1
57 CACM-2542	58	0.017	1

System 4

57 CACM-1902	59	0.017	1
57 CACM-2864	60	0.017	1
57 CACM-1471	61	0.016	1
57 CACM-2593	62	0.016	1
57 CACM-2060	63	0.016	1
57 CACM-2316	64	0.016	1
57 CACM-2152	65	0.015	1
57 CACM-1834	66	0.015	1
57 CACM-2138	67	0.015	1
57 CACM-1543	68	0.015	1
57 CACM-2113	69	0.014	1
57 CACM-3005	70	0.014	1
57 CACM-1977	71	0.014	1
57 CACM-2341	72	0.014	1
57 CACM-1788	73	0.014	1
57 CACM-2718	74	0.014	1
57 CACM-2937	75	0.013	1
57 CACM-2851	76	0.013	1
57 CACM-2527	77	0.013	1
57 CACM-1324	78	0.013	1
57 CACM-2594	79	0.013	1
57 CACM-2886	80	0.013	1
57 CACM-2821	81	0.012	1
57 CACM-1327	82	0.012	1
57 CACM-1307	83	0.012	1
57 CACM-1695	84	0.012	1
57 CACM-3101	85	0.012	1
57 CACM-2969	86	0.012	1
57 CACM-3069	87	0.011	1
57 CACM-1226	88	0.011	1
57 CACM-2210	89	0.011	1
57 CACM-2739	90	0.011	1
57 CACM-1033	91	0.011	1
57 CACM-1359	92	0.011	1
57 CACM-0972	93	0.011	1
57 CACM-3104	94	0.011	1
57 CACM-1366	95	0.011	1
57 CACM-1614	96	0.01	1
57 CACM-2940	97	0.01	1
57 CACM-3031	98	0.01	1
57 CACM-0071	99	0.01	1
57 CACM-1856	100	0.01	1
58 CACM-1691	1	1	0.033
58 CACM-1420	2	1	0.067
58 CACM-1631	3	1	0.1
58 CACM-1344	4	1	0.133
58 CACM-2634	5	1	0.167
58 CACM-2249	6	1	0.2
58 CACM-1709	7	1	0.233

System 4

58 CACM-1874	8	0.875	0.233
58 CACM-1674	9	0.778	0.233
58 CACM-1930	10	0.7	0.233
58 CACM-2825	11	0.727	0.267
58 CACM-1171	12	0.667	0.267
58 CACM-1637	13	0.615	0.267
58 CACM-1398	14	0.643	0.3
58 CACM-2395	15	0.667	0.333
58 CACM-3166	16	0.688	0.367
58 CACM-0069	17	0.647	0.367
58 CACM-1794	18	0.611	0.367
58 CACM-2525	19	0.579	0.367
58 CACM-2062	20	0.55	0.367
58 CACM-0298	21	0.524	0.367
58 CACM-1812	22	0.545	0.4
58 CACM-1293	23	0.565	0.433
58 CACM-2373	24	0.542	0.433
58 CACM-2216	25	0.52	0.433
58 CACM-2334	26	0.5	0.433
58 CACM-2122	27	0.519	0.467
58 CACM-1663	28	0.5	0.467
58 CACM-1474	29	0.483	0.467
58 CACM-2123	30	0.5	0.5
58 CACM-0942	31	0.484	0.5
58 CACM-1816	32	0.469	0.5
58 CACM-1894	33	0.455	0.5
58 CACM-1716	34	0.441	0.5
58 CACM-1732	35	0.429	0.5
58 CACM-1823	36	0.417	0.5
58 CACM-2057	37	0.405	0.5
58 CACM-0050	38	0.395	0.5
58 CACM-0533	39	0.385	0.5
58 CACM-1933	40	0.375	0.5
58 CACM-2240	41	0.366	0.5
58 CACM-1206	42	0.357	0.5
58 CACM-0382	43	0.349	0.5
58 CACM-2115	44	0.364	0.533
58 CACM-2999	45	0.356	0.533
58 CACM-1619	46	0.37	0.567
58 CACM-1629	47	0.383	0.6
58 CACM-2490	48	0.375	0.6
58 CACM-2565	49	0.367	0.6
58 CACM-2225	50	0.36	0.6
58 CACM-2670	51	0.353	0.6
58 CACM-1848	52	0.346	0.6
58 CACM-1013	53	0.34	0.6
58 CACM-1252	54	0.333	0.6
58 CACM-2940	55	0.327	0.6
58 CACM-2595	56	0.321	0.6

System 4

58 CACM-2325	57	0.316	0.6
58 CACM-1604	58	0.31	0.6
58 CACM-3084	59	0.305	0.6
58 CACM-0626	60	0.3	0.6
58 CACM-1939	61	0.295	0.6
58 CACM-2679	62	0.29	0.6
58 CACM-2849	63	0.286	0.6
58 CACM-2261	64	0.281	0.6
58 CACM-1935	65	0.277	0.6
58 CACM-2686	66	0.273	0.6
58 CACM-2096	67	0.269	0.6
58 CACM-2333	68	0.265	0.6
58 CACM-2176	69	0.261	0.6
58 CACM-2488	70	0.257	0.6
58 CACM-2101	71	0.254	0.6
58 CACM-1946	72	0.25	0.6
58 CACM-2585	73	0.247	0.6
58 CACM-2102	74	0.243	0.6
58 CACM-3138	75	0.24	0.6
58 CACM-2276	76	0.237	0.6
58 CACM-2217	77	0.234	0.6
58 CACM-0536	78	0.231	0.6
58 CACM-2779	79	0.228	0.6
58 CACM-1991	80	0.225	0.6
58 CACM-1695	81	0.222	0.6
58 CACM-2795	82	0.22	0.6
58 CACM-3115	83	0.217	0.6
58 CACM-2993	84	0.214	0.6
58 CACM-1632	85	0.212	0.6
58 CACM-1366	86	0.209	0.6
58 CACM-1698	87	0.207	0.6
58 CACM-1539	88	0.205	0.6
58 CACM-0529	89	0.202	0.6
58 CACM-1443	90	0.2	0.6
58 CACM-1609	91	0.198	0.6
58 CACM-2569	92	0.196	0.6
58 CACM-3092	93	0.194	0.6
58 CACM-3098	94	0.191	0.6
58 CACM-2620	95	0.189	0.6
58 CACM-2770	96	0.188	0.6
58 CACM-1997	97	0.186	0.6
58 CACM-0266	98	0.184	0.6
58 CACM-3167	99	0.192	0.633
58 CACM-1801	100	0.19	0.633
59 CACM-2991	1	1	0.023
59 CACM-2258	2	0.5	0.023
59 CACM-2203	3	0.667	0.047
59 CACM-2905	4	0.75	0.07
59 CACM-2437	5	0.6	0.07

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59 CACM-2107	6	0.667	0.093
59 CACM-2251	7	0.714	0.116
59 CACM-2018	8	0.75	0.14
59 CACM-1456	9	0.778	0.163
59 CACM-1855	10	0.8	0.186
59 CACM-3041	11	0.727	0.186
59 CACM-2543	12	0.75	0.209
59 CACM-2127	13	0.769	0.233
59 CACM-2109	14	0.714	0.233
59 CACM-1973	15	0.733	0.256
59 CACM-2559	16	0.75	0.279
59 CACM-1786	17	0.765	0.302
59 CACM-2033	18	0.778	0.326
59 CACM-1992	19	0.737	0.326
59 CACM-2770	20	0.7	0.326
59 CACM-3134	21	0.667	0.326
59 CACM-3126	22	0.682	0.349
59 CACM-1700	23	0.696	0.372
59 CACM-2032	24	0.708	0.395
59 CACM-1235	25	0.72	0.419
59 CACM-0144	26	0.692	0.419
59 CACM-2484	27	0.667	0.419
59 CACM-1112	28	0.679	0.442
59 CACM-2274	29	0.69	0.465
59 CACM-3176	30	0.667	0.465
59 CACM-2846	31	0.645	0.465
59 CACM-3053	32	0.656	0.488
59 CACM-0944	33	0.636	0.488
59 CACM-2688	34	0.618	0.488
59 CACM-2050	35	0.6	0.488
59 CACM-2307	36	0.583	0.488
59 CACM-1527	37	0.568	0.488
59 CACM-3087	38	0.553	0.488
59 CACM-2111	39	0.564	0.512
59 CACM-1457	40	0.575	0.535
59 CACM-3046	41	0.561	0.535
59 CACM-2552	42	0.571	0.558
59 CACM-3083	43	0.581	0.581
59 CACM-1324	44	0.591	0.605
59 CACM-1681	45	0.578	0.605
59 CACM-2673	46	0.587	0.628
59 CACM-1725	47	0.574	0.628
59 CACM-2631	48	0.583	0.651
59 CACM-2722	49	0.571	0.651
59 CACM-2517	50	0.56	0.651
59 CACM-1935	51	0.549	0.651
59 CACM-2396	52	0.538	0.651
59 CACM-2883	53	0.528	0.651
59 CACM-1989	54	0.519	0.651

System 4

59 CACM-3147	55	0.509	0.651
59 CACM-1236	56	0.5	0.651
59 CACM-1976	57	0.491	0.651
59 CACM-2141	58	0.483	0.651
59 CACM-2978	59	0.475	0.651
59 CACM-2795	60	0.467	0.651
59 CACM-1415	61	0.459	0.651
59 CACM-1888	62	0.452	0.651
59 CACM-2739	63	0.444	0.651
59 CACM-2987	64	0.438	0.651
59 CACM-2139	65	0.431	0.651
59 CACM-1271	66	0.424	0.651
59 CACM-0695	67	0.418	0.651
59 CACM-2968	68	0.412	0.651
59 CACM-1402	69	0.406	0.651
59 CACM-2451	70	0.4	0.651
59 CACM-0332	71	0.394	0.651
59 CACM-2923	72	0.389	0.651
59 CACM-2359	73	0.397	0.674
59 CACM-2646	74	0.392	0.674
59 CACM-1487	75	0.387	0.674
59 CACM-1939	76	0.382	0.674
59 CACM-1699	77	0.377	0.674
59 CACM-2273	78	0.372	0.674
59 CACM-1665	79	0.367	0.674
59 CACM-2412	80	0.375	0.698
59 CACM-1650	81	0.37	0.698
59 CACM-1032	82	0.366	0.698
59 CACM-3033	83	0.361	0.698
59 CACM-2650	84	0.357	0.698
59 CACM-2524	85	0.365	0.721
59 CACM-1517	86	0.36	0.721
59 CACM-3139	87	0.356	0.721
59 CACM-2819	88	0.352	0.721
59 CACM-1856	89	0.348	0.721
59 CACM-3098	90	0.344	0.721
59 CACM-2288	91	0.341	0.721
59 CACM-2711	92	0.337	0.721
59 CACM-2753	93	0.333	0.721
59 CACM-2516	94	0.33	0.721
59 CACM-2726	95	0.326	0.721
59 CACM-1929	96	0.323	0.721
59 CACM-3001	97	0.32	0.721
59 CACM-2092	98	0.327	0.744
59 CACM-2053	99	0.323	0.744
59 CACM-2453	100	0.32	0.744
60 CACM-2882	1	1	0.037
60 CACM-3087	2	1	0.074
60 CACM-2715	3	1	0.111

System 4

60 CACM-2716	4	1	0.148
60 CACM-2976	5	1	0.185
60 CACM-2516	6	1	0.222
60 CACM-2967	7	0.857	0.222
60 CACM-2888	8	0.75	0.222
60 CACM-2710	9	0.778	0.259
60 CACM-2718	10	0.8	0.296
60 CACM-2959	11	0.818	0.333
60 CACM-2957	12	0.833	0.37
60 CACM-2452	13	0.846	0.407
60 CACM-3089	14	0.786	0.407
60 CACM-2816	15	0.8	0.444
60 CACM-2812	16	0.75	0.444
60 CACM-2451	17	0.706	0.444
60 CACM-2876	18	0.667	0.444
60 CACM-2188	19	0.632	0.444
60 CACM-3137	20	0.65	0.481
60 CACM-3049	21	0.619	0.481
60 CACM-2765	22	0.636	0.519
60 CACM-2046	23	0.652	0.556
60 CACM-2561	24	0.625	0.556
60 CACM-2846	25	0.6	0.556
60 CACM-2817	26	0.615	0.593
60 CACM-2319	27	0.593	0.593
60 CACM-2198	28	0.607	0.63
60 CACM-1959	29	0.586	0.63
60 CACM-2990	30	0.567	0.63
60 CACM-2314	31	0.548	0.63
60 CACM-1680	32	0.531	0.63
60 CACM-2988	33	0.515	0.63
60 CACM-2372	34	0.5	0.63
60 CACM-3070	35	0.486	0.63
60 CACM-0696	36	0.472	0.63
60 CACM-2358	37	0.459	0.63
60 CACM-1457	38	0.447	0.63
60 CACM-0616	39	0.436	0.63
60 CACM-2288	40	0.425	0.63
60 CACM-1032	41	0.415	0.63
60 CACM-0944	42	0.405	0.63
60 CACM-3112	43	0.395	0.63
60 CACM-2669	44	0.386	0.63
60 CACM-2964	45	0.4	0.667
60 CACM-1681	46	0.391	0.667
60 CACM-2717	47	0.404	0.704
60 CACM-3026	48	0.396	0.704
60 CACM-1572	49	0.388	0.704
60 CACM-2092	50	0.38	0.704
60 CACM-1518	51	0.373	0.704
60 CACM-2138	52	0.365	0.704

System 4

60 CACM-2484	53	0.358	0.704
60 CACM-2375	54	0.352	0.704
60 CACM-1359	55	0.345	0.704
60 CACM-1699	56	0.339	0.704
60 CACM-0855	57	0.333	0.704
60 CACM-2798	58	0.328	0.704
60 CACM-1937	59	0.322	0.704
60 CACM-3134	60	0.317	0.704
60 CACM-2396	61	0.311	0.704
60 CACM-3067	62	0.306	0.704
60 CACM-1627	63	0.302	0.704
60 CACM-2424	64	0.297	0.704
60 CACM-2722	65	0.292	0.704
60 CACM-1853	66	0.288	0.704
60 CACM-1728	67	0.284	0.704
60 CACM-2593	68	0.294	0.741
60 CACM-1750	69	0.29	0.741
60 CACM-1695	70	0.286	0.741
60 CACM-3025	71	0.282	0.741
60 CACM-3012	72	0.278	0.741
60 CACM-2951	73	0.274	0.741
60 CACM-1976	74	0.27	0.741
60 CACM-1677	75	0.267	0.741
60 CACM-2402	76	0.263	0.741
60 CACM-1752	77	0.26	0.741
60 CACM-2795	78	0.256	0.741
60 CACM-3002	79	0.253	0.741
60 CACM-3164	80	0.25	0.741
60 CACM-1489	81	0.247	0.741
60 CACM-2433	82	0.244	0.741
60 CACM-1034	83	0.241	0.741
60 CACM-2406	84	0.25	0.778
60 CACM-3136	85	0.247	0.778
60 CACM-1827	86	0.244	0.778
60 CACM-2542	87	0.241	0.778
60 CACM-2313	88	0.239	0.778
60 CACM-2750	89	0.236	0.778
60 CACM-2828	90	0.233	0.778
60 CACM-1751	91	0.231	0.778
60 CACM-2860	92	0.228	0.778
60 CACM-2311	93	0.226	0.778
60 CACM-1456	94	0.223	0.778
60 CACM-2547	95	0.221	0.778
60 CACM-1747	96	0.219	0.778
60 CACM-2740	97	0.216	0.778
60 CACM-1892	98	0.214	0.778
60 CACM-3147	99	0.222	0.815
60 CACM-2141	100	0.22	0.815
61 CACM-2765	1	1	0.032

System 4

61 CACM-1976	2	1	0.065
61 CACM-3134	3	1	0.097
61 CACM-2288	4	0.75	0.097
61 CACM-2307	5	0.8	0.129
61 CACM-2711	6	0.833	0.161
61 CACM-2990	7	0.857	0.194
61 CACM-1927	8	0.875	0.226
61 CACM-1457	9	0.889	0.258
61 CACM-2631	10	0.9	0.29
61 CACM-2140	11	0.818	0.29
61 CACM-0634	12	0.75	0.29
61 CACM-2160	13	0.769	0.323
61 CACM-2882	14	0.714	0.323
61 CACM-2451	15	0.733	0.355
61 CACM-2965	16	0.75	0.387
61 CACM-3168	17	0.765	0.419
61 CACM-1830	18	0.778	0.452
61 CACM-1236	19	0.789	0.484
61 CACM-2114	20	0.75	0.484
61 CACM-2258	21	0.714	0.484
61 CACM-2976	22	0.727	0.516
61 CACM-2722	23	0.696	0.516
61 CACM-2991	24	0.667	0.516
61 CACM-2561	25	0.64	0.516
61 CACM-2452	26	0.654	0.548
61 CACM-2493	27	0.63	0.548
61 CACM-2516	28	0.607	0.548
61 CACM-1194	29	0.586	0.548
61 CACM-3169	30	0.6	0.581
61 CACM-2484	31	0.581	0.581
61 CACM-1935	32	0.562	0.581
61 CACM-1681	33	0.545	0.581
61 CACM-2728	34	0.529	0.581
61 CACM-1032	35	0.543	0.613
61 CACM-2688	36	0.528	0.613
61 CACM-2846	37	0.514	0.613
61 CACM-2978	38	0.5	0.613
61 CACM-3012	39	0.513	0.645
61 CACM-2046	40	0.5	0.645
61 CACM-2278	41	0.488	0.645
61 CACM-2781	42	0.476	0.645
61 CACM-1271	43	0.465	0.645
61 CACM-2437	44	0.455	0.645
61 CACM-1699	45	0.444	0.645
61 CACM-2203	46	0.435	0.645
61 CACM-2947	47	0.426	0.645
61 CACM-1627	48	0.417	0.645
61 CACM-0239	49	0.408	0.645
61 CACM-3147	50	0.4	0.645

System 4

61 CACM-1959	51	0.392	0.645
61 CACM-2716	52	0.385	0.645
61 CACM-2032	53	0.377	0.645
61 CACM-0944	54	0.37	0.645
61 CACM-1359	55	0.364	0.645
61 CACM-0849	56	0.357	0.645
61 CACM-2715	57	0.351	0.645
61 CACM-3087	58	0.345	0.645
61 CACM-2710	59	0.339	0.645
61 CACM-3041	60	0.333	0.645
61 CACM-0696	61	0.328	0.645
61 CACM-0891	62	0.323	0.645
61 CACM-2746	63	0.317	0.645
61 CACM-2070	64	0.312	0.645
61 CACM-2251	65	0.308	0.645
61 CACM-2372	66	0.303	0.645
61 CACM-3129	67	0.299	0.645
61 CACM-2968	68	0.294	0.645
61 CACM-1677	69	0.29	0.645
61 CACM-2358	70	0.286	0.645
61 CACM-2816	71	0.282	0.645
61 CACM-1226	72	0.278	0.645
61 CACM-1725	73	0.274	0.645
61 CACM-2018	74	0.27	0.645
61 CACM-2532	75	0.267	0.645
61 CACM-2359	76	0.263	0.645
61 CACM-1700	77	0.26	0.645
61 CACM-2718	78	0.256	0.645
61 CACM-2623	79	0.253	0.645
61 CACM-1412	80	0.25	0.645
61 CACM-0972	81	0.247	0.645
61 CACM-0275	82	0.244	0.645
61 CACM-0397	83	0.241	0.645
61 CACM-2141	84	0.238	0.645
61 CACM-2593	85	0.235	0.645
61 CACM-2524	86	0.244	0.677
61 CACM-3002	87	0.241	0.677
61 CACM-1514	88	0.25	0.71
61 CACM-1936	89	0.247	0.71
61 CACM-3084	90	0.244	0.71
61 CACM-1680	91	0.242	0.71
61 CACM-1937	92	0.239	0.71
61 CACM-2888	93	0.237	0.71
61 CACM-2547	94	0.234	0.71
61 CACM-1516	95	0.232	0.71
61 CACM-2198	96	0.229	0.71
61 CACM-1831	97	0.227	0.71
61 CACM-2519	98	0.224	0.71
61 CACM-2107	99	0.222	0.71

System 4

61 CACM-2033	100	0.22	0.71
62 CACM-3156	1	1	0.125
62 CACM-2838	2	0.5	0.125
62 CACM-2289	3	0.667	0.25
62 CACM-2175	4	0.5	0.25
62 CACM-2570	5	0.4	0.25
62 CACM-3075	6	0.5	0.375
62 CACM-2433	7	0.429	0.375
62 CACM-2401	8	0.375	0.375
62 CACM-3059	9	0.333	0.375
62 CACM-1811	10	0.4	0.5
62 CACM-2195	11	0.364	0.5
62 CACM-1928	12	0.333	0.5
62 CACM-1158	13	0.308	0.5
62 CACM-2685	14	0.286	0.5
62 CACM-2723	15	0.267	0.5
62 CACM-2727	16	0.25	0.5
62 CACM-1601	17	0.294	0.625
62 CACM-1856	18	0.278	0.625
62 CACM-2973	19	0.263	0.625
62 CACM-0320	20	0.25	0.625
62 CACM-2766	21	0.238	0.625
62 CACM-1523	22	0.227	0.625
62 CACM-1468	23	0.217	0.625
62 CACM-1961	24	0.208	0.625
62 CACM-2719	25	0.2	0.625
62 CACM-1828	26	0.192	0.625
62 CACM-1456	27	0.185	0.625
62 CACM-2262	28	0.179	0.625
62 CACM-2785	29	0.172	0.625
62 CACM-2726	30	0.167	0.625
62 CACM-2515	31	0.161	0.625
62 CACM-2967	32	0.156	0.625
62 CACM-1957	33	0.152	0.625
62 CACM-1424	34	0.147	0.625
62 CACM-2714	35	0.171	0.75
62 CACM-1613	36	0.167	0.75
62 CACM-2178	37	0.162	0.75
62 CACM-2895	38	0.158	0.75
62 CACM-2266	39	0.154	0.75
62 CACM-2557	40	0.15	0.75
62 CACM-2497	41	0.146	0.75
62 CACM-1262	42	0.143	0.75
62 CACM-2162	43	0.14	0.75
62 CACM-2342	44	0.136	0.75
62 CACM-2902	45	0.133	0.75
62 CACM-2896	46	0.13	0.75
62 CACM-2297	47	0.128	0.75
62 CACM-3112	48	0.125	0.75

System 4

62 CACM-2664	49	0.143	0.875
62 CACM-2059	50	0.14	0.875
62 CACM-2396	51	0.137	0.875
62 CACM-2380	52	0.135	0.875
62 CACM-0141	53	0.132	0.875
62 CACM-2430	54	0.13	0.875
62 CACM-1603	55	0.127	0.875
62 CACM-2177	56	0.125	0.875
62 CACM-3106	57	0.123	0.875
62 CACM-1959	58	0.121	0.875
62 CACM-0392	59	0.119	0.875
62 CACM-2865	60	0.117	0.875
62 CACM-0855	61	0.115	0.875
62 CACM-2368	62	0.113	0.875
62 CACM-2182	63	0.111	0.875
62 CACM-3133	64	0.109	0.875
62 CACM-1935	65	0.108	0.875
62 CACM-1471	66	0.106	0.875
62 CACM-3045	67	0.104	0.875
62 CACM-1295	68	0.103	0.875
62 CACM-1719	69	0.101	0.875
62 CACM-1225	70	0.1	0.875
62 CACM-2299	71	0.099	0.875
62 CACM-2883	72	0.097	0.875
62 CACM-1725	73	0.096	0.875
62 CACM-0849	74	0.095	0.875
62 CACM-2988	75	0.093	0.875
62 CACM-3073	76	0.092	0.875
62 CACM-1924	77	0.091	0.875
62 CACM-1847	78	0.09	0.875
62 CACM-2128	79	0.089	0.875
62 CACM-0241	80	0.087	0.875
62 CACM-3164	81	0.086	0.875
62 CACM-2999	82	0.085	0.875
62 CACM-2864	83	0.084	0.875
62 CACM-1173	84	0.083	0.875
62 CACM-1846	85	0.082	0.875
62 CACM-1563	86	0.081	0.875
62 CACM-2015	87	0.08	0.875
62 CACM-1264	88	0.08	0.875
62 CACM-2481	89	0.079	0.875
62 CACM-2114	90	0.078	0.875
62 CACM-2156	91	0.077	0.875
62 CACM-1747	92	0.076	0.875
62 CACM-2951	93	0.075	0.875
62 CACM-2484	94	0.074	0.875
62 CACM-1825	95	0.074	0.875
62 CACM-2327	96	0.073	0.875
62 CACM-2526	97	0.072	0.875

System 4

62 CACM-2065	98	0.071	0.875
62 CACM-2918	99	0.071	0.875
62 CACM-2851	100	0.07	0.875
63 CACM-3075	1	1	0.083
63 CACM-3156	2	1	0.167
63 CACM-2973	3	1	0.25
63 CACM-2838	4	0.75	0.25
63 CACM-2723	5	0.6	0.25
63 CACM-2289	6	0.667	0.333
63 CACM-2570	7	0.571	0.333
63 CACM-2714	8	0.625	0.417
63 CACM-2266	9	0.667	0.5
63 CACM-1601	10	0.7	0.583
63 CACM-2557	11	0.727	0.667
63 CACM-2896	12	0.667	0.667
63 CACM-2175	13	0.615	0.667
63 CACM-1158	14	0.571	0.667
63 CACM-1468	15	0.533	0.667
63 CACM-2685	16	0.5	0.667
63 CACM-3059	17	0.471	0.667
63 CACM-2692	18	0.444	0.667
63 CACM-1795	19	0.474	0.75
63 CACM-1811	20	0.5	0.833
63 CACM-0950	21	0.476	0.833
63 CACM-2895	22	0.455	0.833
63 CACM-1262	23	0.435	0.833
63 CACM-2401	24	0.417	0.833
63 CACM-2195	25	0.4	0.833
63 CACM-1828	26	0.385	0.833
63 CACM-1957	27	0.37	0.833
63 CACM-2433	28	0.357	0.833
63 CACM-2490	29	0.345	0.833
63 CACM-2263	30	0.333	0.833
63 CACM-2114	31	0.323	0.833
63 CACM-2128	32	0.312	0.833
63 CACM-2785	33	0.303	0.833
63 CACM-2342	34	0.294	0.833
63 CACM-2700	35	0.286	0.833
63 CACM-0320	36	0.278	0.833
63 CACM-1928	37	0.27	0.833
63 CACM-2950	38	0.263	0.833
63 CACM-0141	39	0.256	0.833
63 CACM-2902	40	0.25	0.833
63 CACM-2865	41	0.244	0.833
63 CACM-2884	42	0.238	0.833
63 CACM-0392	43	0.233	0.833
63 CACM-2851	44	0.227	0.833
63 CACM-1536	45	0.222	0.833
63 CACM-2727	46	0.217	0.833

System 4

63 CACM-2630	47	0.213	0.833
63 CACM-1302	48	0.208	0.833
63 CACM-1569	49	0.204	0.833
63 CACM-2627	50	0.2	0.833
63 CACM-2497	51	0.196	0.833
63 CACM-2719	52	0.192	0.833
63 CACM-1613	53	0.189	0.833
63 CACM-3073	54	0.185	0.833
63 CACM-2182	55	0.182	0.833
63 CACM-2767	56	0.179	0.833
63 CACM-1658	57	0.175	0.833
63 CACM-2828	58	0.172	0.833
63 CACM-2273	59	0.169	0.833
63 CACM-3166	60	0.167	0.833
63 CACM-1924	61	0.164	0.833
63 CACM-3131	62	0.161	0.833
63 CACM-2146	63	0.159	0.833
63 CACM-2080	64	0.156	0.833
63 CACM-2283	65	0.154	0.833
63 CACM-1603	66	0.152	0.833
63 CACM-1471	67	0.149	0.833
63 CACM-2766	68	0.147	0.833
63 CACM-3039	69	0.145	0.833
63 CACM-2674	70	0.143	0.833
63 CACM-1846	71	0.141	0.833
63 CACM-3163	72	0.139	0.833
63 CACM-1959	73	0.137	0.833
63 CACM-1411	74	0.135	0.833
63 CACM-2645	75	0.133	0.833
63 CACM-2740	76	0.132	0.833
63 CACM-1237	77	0.13	0.833
63 CACM-3151	78	0.128	0.833
63 CACM-1747	79	0.127	0.833
63 CACM-2679	80	0.125	0.833
63 CACM-3037	81	0.123	0.833
63 CACM-2325	82	0.122	0.833
63 CACM-2368	83	0.12	0.833
63 CACM-2883	84	0.119	0.833
63 CACM-3018	85	0.118	0.833
63 CACM-2997	86	0.116	0.833
63 CACM-2484	87	0.115	0.833
63 CACM-1554	88	0.114	0.833
63 CACM-2053	89	0.112	0.833
63 CACM-2135	90	0.111	0.833
63 CACM-1825	91	0.11	0.833
63 CACM-2832	92	0.109	0.833
63 CACM-0409	93	0.108	0.833
63 CACM-2968	94	0.106	0.833
63 CACM-2262	95	0.105	0.833

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63 CACM-1551	96	0.104	0.833
63 CACM-2598	97	0.103	0.833
63 CACM-0371	98	0.102	0.833
63 CACM-1619	99	0.101	0.833
63 CACM-2337	100	0.1	0.833
64 CACM-2651	1	1	1
64 CACM-1853	2	0.5	1
64 CACM-2723	3	0.333	1
64 CACM-1485	4	0.25	1
64 CACM-2178	5	0.2	1
64 CACM-1588	6	0.167	1
64 CACM-2317	7	0.143	1
64 CACM-2252	8	0.125	1
64 CACM-3105	9	0.111	1
64 CACM-2314	10	0.1	1
64 CACM-2484	11	0.091	1
64 CACM-2406	12	0.083	1
64 CACM-2148	13	0.077	1
64 CACM-2262	14	0.071	1
64 CACM-2305	15	0.067	1
64 CACM-2354	16	0.062	1
64 CACM-2060	17	0.059	1
64 CACM-1459	18	0.056	1
64 CACM-2299	19	0.053	1
64 CACM-2838	20	0.05	1
64 CACM-1835	21	0.048	1
64 CACM-1902	22	0.045	1
64 CACM-1470	23	0.043	1
64 CACM-2906	24	0.042	1
64 CACM-2939	25	0.04	1
64 CACM-2059	26	0.038	1
64 CACM-2971	27	0.037	1
64 CACM-1307	28	0.036	1
64 CACM-2959	29	0.034	1
64 CACM-1255	30	0.033	1
64 CACM-3102	31	0.032	1
64 CACM-1703	32	0.031	1
64 CACM-2316	33	0.03	1
64 CACM-0731	34	0.029	1
64 CACM-1456	35	0.029	1
64 CACM-1614	36	0.028	1
64 CACM-1457	37	0.027	1
64 CACM-2717	38	0.026	1
64 CACM-3112	39	0.026	1
64 CACM-3101	40	0.025	1
64 CACM-1869	41	0.024	1
64 CACM-2705	42	0.024	1
64 CACM-1135	43	0.023	1
64 CACM-1098	44	0.023	1

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64 CACM-2956	45	0.022	1
64 CACM-3074	46	0.022	1
64 CACM-1710	47	0.021	1
64 CACM-2470	48	0.021	1
64 CACM-2645	49	0.02	1
64 CACM-2944	50	0.02	1
64 CACM-2699	51	0.02	1
64 CACM-1957	52	0.019	1
64 CACM-0409	53	0.019	1
64 CACM-1747	54	0.019	1
64 CACM-2051	55	0.018	1
64 CACM-2198	56	0.018	1
64 CACM-1878	57	0.018	1
64 CACM-2254	58	0.017	1
64 CACM-0595	59	0.017	1
64 CACM-1937	60	0.017	1
64 CACM-2137	61	0.016	1
64 CACM-1861	62	0.016	1
64 CACM-1012	63	0.016	1
64 CACM-2898	64	0.016	1
64 CACM-2355	65	0.015	1
64 CACM-2873	66	0.015	1
64 CACM-1043	67	0.015	1
64 CACM-1788	68	0.015	1
64 CACM-3150	69	0.014	1
64 CACM-1677	70	0.014	1
64 CACM-1824	71	0.014	1
64 CACM-2126	72	0.014	1
64 CACM-2154	73	0.014	1
64 CACM-0265	74	0.014	1
64 CACM-2081	75	0.013	1
64 CACM-2138	76	0.013	1
64 CACM-2480	77	0.013	1
64 CACM-1216	78	0.013	1
64 CACM-0944	79	0.013	1
64 CACM-3121	80	0.013	1
64 CACM-1769	81	0.012	1
64 CACM-1395	82	0.012	1
64 CACM-2704	83	0.012	1
64 CACM-2915	84	0.012	1
64 CACM-2821	85	0.012	1
64 CACM-1454	86	0.012	1
64 CACM-1959	87	0.011	1
64 CACM-1717	88	0.011	1
64 CACM-1389	89	0.011	1
64 CACM-1890	90	0.011	1
64 CACM-2993	91	0.011	1
64 CACM-2647	92	0.011	1
64 CACM-2661	93	0.011	1

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64 CACM-2513	94	0.011	1
64 CACM-1348	95	0.011	1
64 CACM-2750	96	0.01	1
64 CACM-2155	97	0.01	1
64 CACM-2372	98	0.01	1
64 CACM-0987	99	0.01	1
64 CACM-0616	100	0.01	1