

Ri	n	Methods	#allCandidates #Candidates	Benjamini-Yekutieli (BY) / Bonferroni (BN)				
				#Results no-adjustment/BY/BN	Min p-value	Max p-value	Sum p-value	Total Cov
R ₁	Unlimited	TRAD	1663	907 / 583 / 337	4.18 e-35	4.23 e-03/ 5.5 e-05	0.3 / 1.91 e-03	1
		COVER_G		3	4.78 e-25	1.9 e-13	1.9 e-13	1
	20	TRAD		20	4.18 e-35	4.43 e-22	6 e-22	0.98
		COVER_G		3	4.78 e-25	1.9 e-13	1.9 e-13	1
R ₂	Unlimited	TRAD	1 329 259	20 505 / 8208 / 1351	7.28 e-22	1.92 e-03 / 2 e-06	3.62 / 6.57 e-04	0.99 / 0.94
		COVER_G		17 / 23	1.14 e-17 / 3.93 e-04	2 e-06 / 3.02 e-07	8.88 e-04 / 4 e-06	0.99 / 0.94
	15	TRAD		15	7.28 e-22	4.08 e-17	1.34 e-16	0.22
		COVER_G		15	1.14 e-17	3.93 e-04 / 2 e-06	8.88 e-04 / 4 e-06	0.99 / 0.92
R ₃	Unlimited	TRAD	198	6 / 4 / 2	2 e-03	9.09 e-03 / 2 e-03	2.22 e-02 / 4.01 e-03	0.02
		COVER_G	17	2 / 1	2 e-03	1.8 e-02 / 2 e-03	2 e-02 / 2 e-03	0.12 / 0.02
R ₄	Unlimited	TRAD	749 749	19 472 / 5320 / 616	1.95 e-15	1.26 e-03 / 2.45 e-06	1.80 / 4.45 e-04	1 / 0.96
		COVER_G		7	1.95 e-15	2.93 e-05 / 2.03 e-06	6.93 e-05 / 3.75 e-06	1 / 0.96
	5	TRAD		5	1.95 e-15	1.95 e-15	9.77 e-15	0.17
		COVER_G		5	1.95 e-15	3.93 e-05 / 2.02 e-06	4.78 e-05 / 2.66 e-06	0.97 / 0.92
R ₅	Unlimited	TRAD	429 025	6 076 / 1412 / 1008	0	1.22 e-03 / 5 e-06	0.2 / 4.3 e-05	0.85 / 0.74
		COVER_G		43 / 36	0	8.09 e-04 / 5 e-06	6.25 e-03 / 1.1 e-05	0.85 / 0.74
	20	TRAD		20	0	0	0	0.33
		COVER_G		20	0	8.09 e-04 / 5 e-06	2.85 e-03 / 5 e-06	0.76 / 0.66
R ₆	Unlimited	TRAD	6 344	79 / 70 / 39	1.67 e-18	8.39 e-03 / 4.01 e-04	0.11 / 2.14 e-03	0.05 / 0.04
		COVER_G		25 / 15	1.67 e-18	8.39 e-3 / 4.01 e-01	3.71 e-02 / 8.84 e-04	0.05 / 0.04
	10	TRAD		10	1.67 e-18	1.58 e-11	5.14 e-11	0.01
		COVER_G		10	5.3 e-16 / 1.67 e-18	3.54 e-03 / 1.27 e-04	5.16 e-03 / 1.76 e-04	0.04 / 0.03
R ₇	Unlimited	TRAD	85 908	85 908	0	3.37 e-13	5.14 e-11	1
		COVER_G	85 908	1	0	0	0	1
R ₈	Unlimited	TRAD	695 772	26 772 / 16 397 / 4 790	0	2.83 e-03 / 1.86 e-06	6.58 / 1.3 e-03	1 / 0.97
		COVER_G		33 / 51	6.21 e-11 / 3.34 e-18	2.44 e-03 / 1.59 e-06	6.4 e-03 / 1.11 e-05	1 / 0.97
	10	TRAD		10	0	2.02 e-22	5.8 e-22	0.21
		COVER_G		10	6.21 e-11 / 6.83 e-14	2.44 e-03 / 1.59 e-06	2.79 e-03 / 3.19 e-06	0.87 / 0.72

Table 1: Results of running all requests on MovieLens' 1M (equal values are shown only once in each cell)