

**Table 1: Evaluation results for full graphs**

Matrix	V	E	#results	A_star1(ms)	A_star2(ms)
fullgraph_10	10	10	100	16	30
fullgraph_50	50	50	2500	22	46
fullgraph_100	100	100	10000	27	52
fullgraph_200	200	200	40000	39	80
fullgraph_500	500	500	250000	145	295
fullgraph_1000	1000	1000	1000000	879	991
fullgraph_2000	2000	2000	4000000	2458	3955
fullgraph_5000	5000	5000	25000000	—	—

**Table 2: Evaluation results for RDF graphs**

Matrix	V	E	#results(GPPerf1)	GPPerf1_cnf(ms)	#results(GPPerf2)	GPPerf2_cnf(ms)
skos	144	323	810	11	1	4
generations	129	351	2164	8	0	0
travel	131	397	2499	18	63	11
univ-bench	179	413	2540	12	81	10
atom-primitive	291	685	15454	14	122	4
biomedical-measure-primitive	341	711	15156	13	2871	17
1.1	312	763	3041	29	61	23
foaf	256	815	4118	16	10	6
people-pets	337	834	9472	19	37	11
funding	778	1480	17634	19	1158	14
wine	733	2450	66572	25	133	9
skos_x8	1152	2584	6480	14	8	3
pizza	671	2604	56195	23	1262	17
generations_x8	1032	2808	17312	13	0	1
travel_x8	1048	3176	19992	24	504	11
univ-bench_x8	1432	3304	20320	16	648	12
atom-primitive_x8	2328	5480	123632	34	976	8
biomedical-measure-primitive_x8	2728	5688	121248	32	22968	29
1.1_x8	2496	6104	24328	20	488	14
foaf_x8	2048	6520	32944	22	80	6
people-pets_x8	2696	6672	75776	36	296	10
funding_x8	6224	11840	141072	54	9264	26
wine_x8	5864	19600	532576	107	1064	18
pizza_x8	5368	20832	449560	83	10096	37

**Table 3: Evaluation results for worst case graphs**

Matrix	V	E	#results	Brackets(ms)
WorstCaseMatrix_3	16	17	72	207
WorstCaseMatrix_4	32	33	272	812
WorstCaseMatrix_5	64	65	1056	2951
WorstCaseMatrix_6	128	129	4160	12127
WorstCaseMatrix_7	256	257	16512	49643
WorstCaseMatrix_8	512	513	65792	226792
WorstCaseMatrix_9	1024	1025	262656	1774214
WorstCaseMatrix_10	2048	2049	1049600	—