

Planner FF and pure problem instances																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
preprocessing time (normalisation)	more than 12 m	0	no memory	no memory	no memory	0 killed													no memory	no memory	no no memory	no no memory	no killed			no memory	no killed				
reachability analysis																															
Total (with search)																															
Planner FF and SIMPLE-ADL with AXIOMS																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Precompilation time (real time in cmd)	0.094	0.063	0.069	0.111	0.095	0.16	0.155	0.135	0.264	0.339	0.437	0.528	0.346	0.397	0.667	0.952	0.854	1.226	0.693	1.582	1.751	2.043	2.537	2.852	2.671	3.046	2.151	4.205	4.484	4.148	
preprocessing time (normalisation)	0.02	0.03	0.03	0.04	0.04	0.07	0.07	0.06	0.09	0.13	0.16	0.17	0.12	0.14	0.23	0.33	0.28	0.42	0.26	0.56	0.66	0.72	0.78				0.75				
reachability analysis	0	0	0	0	0	0	0	0.01	0	0.01	0.01	0.01	0	0.01	0.01	0.01	0.02	0	0.01	0.02	0.01	0.02	0.02				0.03				
Total (with search)	0.07	0.08	0.17	0.18	0.27	0.69	0.75	0.36	0.7	0.86	1.46	1.66	1.51	2.51	3.8	5.93	4.73	12.2	2.95	19.07	19.07	22.52	26.63				64.96				
Planner FF and SIMPLE-ADL with Nebel's flag encoding																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Precompilation time (real time in cmd)	0.084	0.118	0.156	0.212	0.171	0.316	0.351	0.287	0.542	0.701	0.911	0.962	0.712	0.733	1.248	1.789	1.507	2.392	1.457	3.052	3.42	3.578	4.181	4.492	4.757	6.082	3.919	6.433	7.31	7.357	
preprocessing time (normalisation)	2.37	2.62	2.82	2.8	3.26	20.54	8.26	20.54	38.13	57.13																					
reachability analysis	0.15	0.2	0.41	0.65	0.48		1.26	1.3	1.11	2.39	3.69																				
Total (with search)	killed / timeout																														
increased MAX_PRIORITY_LENGTH currently state																															
PDDL size Axioms	151kB	168kB	223kB	271kB	266kB	324kB	321kB	328kB	376kB	441kB	539kB	531kB	435kB	461kB	593kB	708kB	686kB	836kB	650kB	955kB	1Mb	1Mb	1Mb	1.1Mb	1.1Mb	1.2Mb	1.1Mb	1.3Mb	1.4Mb	1.4Mb	
PDDL size Nebel # flags	6Mb	8Mb	14Mb	20Mb	15Mb	28Mb	28Mb	26Mb	39Mb	52Mb	77Mb	77Mb	51Mb	56Mb	94Mb	137Mb	119Mb	188Mb	112Mb	239Mb	286Mb	273Mb	286Mb	311Mb	345Mb	384Mb	314Mb	413Mb	523Mb	516Mb	
														2999						4867						8776		10.876		11.318	
Planner FD and pure problem instances																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
preprocessing time	0.114	0.166	0.291	0.27	0.305	0.334	0.275	0.422	0.369	0.406																					
Solver Time	0.00704051	0.0116601	0.0164113	0.0161639	0.0180702	0.0213162	0.020005	0.0271551	0.0202374	0.0222422	0.0252917	0.0202374	0.0564427	305695	0.0858785	596765	0.0719706	0.279225	0.0967035	0.241504	0.158939	0.58788	0.278502	0.263549	0.206577	0.260777	0.4413	159.35	12.516	39.845	40.037
total	0.1214065	0.1778011	0.3074113	0.2861639	0.3276702	0.3571362	0.29005	0.4491551	0.391422	0.4312017	0.4079374	0.9144427	305695.453	1.5818785	596765.838	1.0209706	4.155225	1.2977035	4.172504	2.148939	13.16198	4.778502	2.682549	2.255577	4.748343	164.11332	13.501895	13.42444	41.81904	41.85185	
Planner FD and SIMPLE-ADL with AXIOMS																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Precompilation time	0.369	0.368	0.342	0.841	0.71	0.775	1.03	0.71	1.049	1.291	1.967	2.081	1.291	1.357	2.529	3.723	2.928	5.337	2.739	6.1	5.243	1.229	6.441	8.045	7.545	5.376	7.055	6.882	6.779	7.246	
Solver Time	0.0138982	0.0123516	0.0170433	0.0203161	0.0182652	0.02252153	0.0279416	0.0279416	0.0347943	0.0386906	0.0646579	0.0552072	0.043125	0.0455274	0.104421	0.107733	0.109663	0.1319915	0.0997234	0.157671	0.136402	0.148184	0.294772	0.322376	0.276201	0.212747	0.242263	0.283786	0.31413	0.259321	
total	0.3829802	0.3803516	0.3759643	0.863181	0.7282652	0.7997739	1.0679416	0.73352153	1.0837943	1.3296906	2.0330679	2.132072	1.334125	1.4052374	2.63321	3.830733	3.07063	5.476915	2.8382714	6.25761	5.379402	4.317144	6.737772	8.367376	7.823261	5.588747	7.302401	7.047263	7.167896	7.99313	7.505321
Planner FD and SIMPLE-ADL with Nebel's flag encoding																															
time/SIZE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
preprocessing time	217.47s	304.46s	468.1s																												
Solver Time																															
total	more than 12 m																														