

Planner FF and pure problem instances																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
preprocessing time (normalisation)		1.92	3.28	5.18	8.84	19.03	21.43	32.63	55.06	77.58	134.7	176.04	186.67	more than 10 min							
reachability analysys		0.01	0	0.04	0.04	0.15	0.15	0.61	2.43	2.45	10.13	10.6	66.34								
Total (with search)		1.93	3.29	5.22	8.88	19.18	21.58	33.24	57.51	80.04	144.85	186.67	423.21								
Planner FF and SIMPLE-ADL with AXIOMS																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Precompilation time (real time in cmd)		0.036	0.044	0.044	0.051	0.058	0.062	0.074	0.084	0.098	0.111	0.122	0.132	0.145	0.161	0.176	0.197	0.215	0.234	0.256	0.284
preprocessing time (normalisation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
reachability analysys		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
Total (with search)		0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0.01	0	0.01	0	0.02	0.01
Planner FF and SIMPLE-ADL with Nebel's flag encoding																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Precompilation time (real time in cmd)		0.037	0.04	0.048	0.052	0.058	0.07	0.077	0.094	0.098	0.11	0.127	0.138	0.156	0.17	0.183	0.21	0.221	0.25	0.272	0.294
preprocessing time (normalisation)		0	0	0	0.01	0	0	0.01	0	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.03	0.03	0.03
reachability analysys		0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0.01	0	0.01	0.01
Total (with search)		more than 10 min																			
PDDL size Axioms																					
PDDL size Nebel																					
# flags																					
Planner FD and pure problem instances																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
preprocessing time		0.101	0.115	0.0044372	0.149	0.169	0.19	0.217	0.24	0.272	0.3	0.335	0.364	0.408	0.443	0.495	0.533	0.586	0.646	0.69	0.75
Solver Time		0.00431573	0.0044372	0.00398986	0.00471715	0.00486896	0.0052362	0.00528451	0.00537328	0.00580004	0.00585954	0.00637836	0.00656701	0.00676388	0.00727454	0.00735661	0.00764327	0.00806362	0.00855491	0.00948252	0.00981164
total		0.10531573	0.1194372	0.00842706	0.15371715	0.17386896	0.1952362	0.22228451	0.24537328	0.27780004	0.30585954	0.34137836	0.37056701	0.41476388	0.45027454	0.50235661	0.54064327	0.59406362	0.65455491	0.69948252	0.75981164
Planner FD and SIMPLE-ADL with AXIOMS																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
preprocessing time		0.117	0.115	0.128	0.331	0.148	0.114	0.144	0.185	0.411	0.206	0.17	0.274	0.293	0.198	0.353	0.401	0.262	0.399	0.733	0.914
Solver Time		0.00397858	0.00454697	0.00400721	0.00483421	0.00493997	0.00517132	0.00525314	0.00735389	0.00570172	0.00624192	0.00671562	0.00635231	0.00664917	0.00692694	0.00719322	0.00757324	0.0081639	0.00843086	0.00934872	0.00968833
total		0.12097858	0.11954697	0.13200721	0.33583421	0.15293997	0.11917132	0.14925314	0.19235389	0.41670172	0.21224192	0.17671562	0.28035231	0.29964917	0.20492694	0.36019322	0.40857324	0.2701639	0.40743086	0.74234872	0.92368833
Planner FD and SIMPLE-ADL with Nebel's flag encoding																					
time\SIZE		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
preprocessing time		14.361	14.698	23.977	17.121	21.388	18.566	23.542	19.886	24.375	24.375	16.229	18.616	18.579	18.893	20.702	22.505	20.433	23.371	23.371	25.166
Solver Time																					
total																					