

Planner FF and pure problem instances																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
preprocessing time (normalisation)		0	0	0	0	0.01	0.01	0.04	Killed							
reachability analysis		0.09	0.17	0.24	0.35	0.88	2.68	6.49								
Total (with search)		0.15	0.25	0.36	0.51	1.31	5.49	18.85								
Planner FF and SIMPLE-ADL with AXIOMS																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
Precompilation time (real time in cmd)		2.55	5.397	9.779	17.379	87.534										
preprocessing time (normalisation)		0.01	0.03	0.05	0.06	0.12										
reachability analysis		0	0.01	0	0	0.01										
Total (with search)		0.02	0.04	0.06	0.07	0.14										
Planner FF and SIMPLE-ADL with Nebel's flag encoding																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
Precompilation time (real time in cmd)		2.544	5.418	9.841	17.393	87.791										
preprocessing time (normalisation)		2.2	4.24	7.28	11.52	45.03										
reachability analysis		0.12	0.21	0.38	0.64	2.6										
Total (with search)		8.36	16.47	29.58	50.92	230.33										
PDDL size Axioms		446Kb	591Kb	764Kb	968Kb	1.8Mb	4Mb	7.6Mb								
PDDL size Nebel		12Mb	20Mb	31Mb	46Mb	132Mb										
Flags		2388	3243	3908	5079	10638	23663	48178								
Planner FD and pure problem instances																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
preprocessing time		0.863	1.17	1.576	2.087	3.857	9.281	17.966	31.115	48.123	71.96	104.083	144.53	192.701	460.039	OS killed
Solver Time		0.048635	0.0616753	0.084578	0.112419	0.202874	0.616887	1.17029	2.11641	3.57399	5.45524	7.7703	11.2979	14.6602	19.3755	
total		0.911635	1.2316753	1.660578	2.199419	4.059874	9.897887	19.13629	33.23141	51.69699	77.41524	111.8533	155.8279	207.3612	479.4145	
Planner FD and SIMPLE-ADL with AXIOMS																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
preprocessing time		0.865	2.685	1.625	2.125	4.628										
Solver Time		0.0155001	0.0202123	0.0263813	0.0309157	0.05407										
total		0.8805001	2.7052123	1.6513813	2.1559157	4.68207										
Planner FD and SIMPLE-ADL with Nebel's flag encoding																
time\SIZE		4	5	6	7	10	15	20	25	30	35	40	45	50	55	60
preprocessing time		198.925	320.577	381.306	510.928	more than 10 min										
Solver Time		8.87031	13.0396	20.2873	28.0531											
total		207.79531	333.6166	401.5933	538.9811											