Monolithic Results

Instance Name	A*(GNN)			BFS			
	Length.	Nodes	Time[ms]	Length.	Nodes	Time[ms]	
Assemble_B10-pl_5	_	_	ТО	_	_	ТО	
$Assemble_B2-pl_5$	5	14	264	5	14	125	
$Assemble_B3-pl_5$	5	14	154	5	14	249	
$Assemble_B4-pl_5$	5	14	332	5	14	167	
$Assemble_B5-pl_5$	5	14	371	5	14	245	
$Assemble_B6-pl_5$	5	14	826	5	14	689	
$Assemble_B7-pl_5$	5	14	4790	5	14	4660	
$Assemble_B8-pl_5$	5	14	25636	5	14	25949	
$Assemble_B9-pl_5$	5	14	296625	5	14	379798	
$Assemble_C-pl_5$	5	14	237	5	14	165	
$CC_2_2_3$ -pl_3	4	11	108	22	146	2225	
$CC_2_2_3-pl_4$	5	9	141	7	12	123	
$CC_2_2_3-pl_5$	5	9	134	10	24	563	
$CC_2_2_3-pl_6$	6	10	106	9	18	246	
$CC_2_2_3-pl_7$	8	33837	214811	_	_	TO	
$CC_2_2_3$ -pl_8	8	247	2434	11	36	763	
$CC_2_2_4-pl_3$	3	3	279	3	3	290	
$CC_2_2_4-pl_4$	6	9	212	8	11	689	
$CC_2_2_4-pl_5$	9	77	2507	13	38	1221	
$CC_2_2_4$ -pl_6	7	26	296	_	_	TO	
$CC_2_2_4$ -pl_7	8	498	4701	_	_	TO	
$CC_2_3_4-pl_3$	3	3	1381	3	3	918	
$CC_2_3_4-pl_4$	6	10	1655	13	19	4652	
$CC_2_3_4-pl_5$	12	61	5848	13	24	5774	
$CC_2_3_4-pl_6$	8	11	3383	8	10	5843	
$CC_2_3_4-pl_7$	9	22	3244	9	19	4247	
$CC_3_2_3-pl_3$	3	3	196	3	3	330	
$CC_3_2_3-pl_4$	5	7	160	6	8	315	
$CC_3_2_3-pl_5$	6	45	463	_	_	TO	
$CC_3_2_3-pl_6$	6	113	1092	_	_	TO	
$CC_3_2_3-pl_7$	7	1835	24464	_	_	TO	
$CC_3_3_3-pl_3$	3	4	367	3	3	295	
$CC_3_3_3_pl_4$	4	4	495	4	4	424	

CC_3_3_3-pl_5	7	22	534	8	11	670
CC_3_3_3-pl_6	_	_	TO	_	_	TO
$CC_3_3_3-pl_7$	8	79	1255	_	_	TO
$Coin_in_the_Box-pl_2$	2	2	50	2	2	64
$Coin_in_the_Box-pl_3$	3	17	129	4	12	142
$Coin_in_the_Box-pl_5$	5	77	552	5	16	220
$Coin_in_the_Box-pl_6$	6	381	2748	_	_	TO
$Coin_in_the_Box-pl_7$	7	1817	13110	_	_	TO
$SC_4_1-pl_3$	3	4	52	3	4	125
$SC_4_1-pl_5$	5	17	99	_	_	TO
$SC_4_2-pl_5$	5	15	99	_	_	TO
$SC_4_2-pl_7$	7	120	545	_	_	TO
$SC_4_2-pl_8$	8	339	1316	_	_	TO
$SC_4_3-pl_5$	5	17	62	_	_	TO
$SC_4_3-pl_6$	6	21	113	_	_	TO
$SC_4_3-pl_8$	8	59	156	_	_	TO
$SC_4_4-pl_5$	5	17	87	_	_	TO
$SC_8_10-pl_6$	6	49	343	483	4776	58158
$SC_8_10-pl_8$	8	542	3841	1586	19087	326379
$SC_8_10-pl_9$	9	1660	14557	1586	19087	319399
$SC_8_10-pl_12$	12	31662	203157	_	_	TO
$SC_9_11-pl_4$	4	8	141	6	13	172
$SC_9_11-pl_5$	5	11	96	8	21	296
$SC_9_11-pl_6$	6	26	161	509	5116	55844
$SC_9_11-pl_7$	7	41	299	1286	15107	195915
SC_9_11-pl_8	8	66	271	1098	12438	186999
SC_9_11-pl_9	9	238	2158	1099	12457	150920
$SC_{-9}_{-11}-pl_{-10}$	10	663	5467	1100	12470	176047
$SC_{-}9_{-}11_{-}pl_{-}11$	11	1262	10960	1100	12472	173729
$SC_{-}10_{-}8-pl_{-}9$	_	_	TO	_	_	TO
SC_10_8-pl_10	10	10	97	10	10	112
$SC_{10_8-pl_14}$	14	93	378	16	33	273
$SC_{-10}-8-pl_{-15}$	15	130	543	_	_	TO
$SC_{10_{-}10_{-}pl_{-}2}$	2	6	173	4	13	720
$SC_10_10-pl_3$	3	10	248	_	_	TO
$SC_10_10-pl_6$	6	309	5998	_	_	TO
$SC_10_10-pl_7$	7	647	11495	_	_	TO

SC_{-10}_{-10} -pl_9	9	10	120	9	10	225
$SC_{-}10_{-}10$ -pl_9	9	886	17444	13	65	946
$SC_10_10-pl_10$	10	15	158	11	17	273
$SC_10_10-pl_10$	10	3096	58382	_	_	TO
$SC_10_10-pl_13$	13	15826	330014	_	_	TO
$SC_10_10-pl_13$	13	51	360	17	49	519
$SC_10_10-pl_14$	14	30967	582175	_	_	TO
SC_{-10}_{-10} -pl_17	17	946	5175	_	_	TO
$SC_{-}10_{-}10$ -pl_17	_	_	TO	_	_	TO
avg± std (all)	7 ± 3	1723 ± 6489	24971 ± 88115	207 ± 450	2322 ± 5273	42635 ± 93496
$iqm \pm iqr$ (all)	6 ± 4	44 ± 232	971 ± 4112	8 ± 8	18 ± 27	1290 ± 5528
$avg \pm std$ (comm)	6 ± 3	130 ± 326	8372 ± 41892	207 ± 450	2322 ± 5273	42635 ± 93496
$iqm \pm iqr$ (comm)	6 ± 4	17 ± 42	584 ± 2276	8 ± 8	18 ± 27	1290 ± 5528
Solved Instances		75/79 (94.9)	4.94%) $49/79 (62.03%)$		%)	

Table 1: Comparison of execution on the domain over the **Train** and **Test** instances.