

## Monolithic Combined Results (All Domains)

Search prefix:

### Training

Mode	Domain	Problem	Goal	Length	Nodes	Total (ms)	Init (ms)	Search (ms)	Overhead (ms)	Search
Training	Assemble	Assemble_B3_pl.5	Yes	5	10	102	1	77	23	HFS(GNN)
Training	Assemble	Assemble_B5_pl.5	Yes	5	10	164	1	138	24	HFS(GNN)
Training	Assemble	Assemble_B7_pl.5	Yes	5	10	2215	1	2172	41	HFS(GNN)
Training	CC	CC_2.2.3_pl.4	TO	-	-	-	-	-	-	-
Training	CC	CC_2.2.3_pl.6	Yes	8	32	143	4	114	24	HFS(GNN)
Training	CC	CC_2.2.4_pl.5	Yes	40	353	16886	17	16687	181	HFS(GNN)
Training	CC	CC_2.3.4_pl.3	TO	-	-	-	-	-	-	-
Training	CC	CC_2.3.4_pl.7	TO	-	-	-	-	-	-	-
Training	CC	CC_3.2.3_pl.4	TO	-	-	-	-	-	-	-
Training	CC	CC_3.2.3_pl.5	Yes	302	3830	48808	7	48135	665	HFS(GNN)
Training	CC	CC_3.3.3_pl.4	Yes	5	17	996	26	929	40	HFS(GNN)
Training	CoinBox	Coin_in_the_Box_pl.3	Yes	3	6	76	7	23	45	HFS(GNN)
Training	CoinBox	Coin_in_the_Box_pl.6	Yes	6	21	211	8	166	36	HFS(GNN)
Training	SCRich	SC_10.10_pl.10	TO	-	-	-	-	-	-	-
Training	SC	SC_10.10_pl.13	TO	-	-	-	-	-	-	-
Training	SCRich	SC_10.10_pl.6	Yes	255	2500	113052	21	112830	200	HFS(GNN)
Training	SCRich	SC_10.10_pl.7	TO	-	-	-	-	-	-	-
Training	SC	SC_10.8_pl.10	TO	-	-	-	-	-	-	-
Training	SC	SC_10.8_pl.15	Yes	16	35	128	5	98	24	HFS(GNN)
Training	SC	SC_4.1_pl.3	TO	-	-	-	-	-	-	-
Training	SC	SC_4.2_pl.7	TO	-	-	-	-	-	-	-
Training	SC	SC_4.3_pl.5	TO	-	-	-	-	-	-	-
Training	SC	SC_8.10_pl.6	Yes	12	50	272	9	226	36	HFS(GNN)
Training	SC	SC_9.11_pl.6	Yes	20	591	2125	18	2076	30	HFS(GNN)
Training	SC	SC_9.11_pl.8	TO	-	-	-	-	-	-	-
<b>Averages:</b>			13/25 (52%)	52.46	574.23	14244.46	9.62	14128.54	105.31	

# Test

Mode	Domain	Problem	Goal	Length	Nodes	Total (ms)	Init (ms)	Search (ms)	Overhead (ms)	Search
Test	Assemble	Assemble.B10__pl.5	TO	-	-	-	-	-	-	-
Test	Assemble	Assemble.B2__pl.5	TO	-	-	-	-	-	-	-
Test	Assemble	Assemble.B4__pl.5	Yes	5	10	93	1	71	20	HFS(GNN)
Test	Assemble	Assemble.B6__pl.5	Yes	5	10	239	1	214	23	HFS(GNN)
Test	Assemble	Assemble.B8__pl.5	Yes	5	10	8605	1	8579	24	HFS(GNN)
Test	Assemble	Assemble.B9__pl.5	Yes	5	10	130538	2	130516	20	HFS(GNN)
Test	Assemble	Assemble.C__pl.5	Yes	5	10	96	1	71	23	HFS(GNN)
Test	CC	CC.2.2.3__pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC.2.2.3__pl.5	Yes	6	20	128	5	87	35	HFS(GNN)
Test	CC	CC.2.2.3__pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC.2.2.3__pl.8	TO	-	-	-	-	-	-	-
Test	CC	CC.2.2.4__pl.3	Yes	4	9	302	15	261	25	HFS(GNN)
Test	CC	CC.2.2.4__pl.4	Yes	7	28	1059	16	1000	42	HFS(GNN)
Test	CC	CC.2.2.4__pl.6	Yes	43	381	18202	17	17875	309	HFS(GNN)
Test	CC	CC.2.2.4__pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC.2.3.4__pl.4	TO	-	-	-	-	-	-	-
Test	CC	CC.2.3.4__pl.5	Yes	13	85	30667	163	30263	240	HFS(GNN)
Test	CC	CC.2.3.4__pl.6	Yes	32	284	65719	222	65088	408	HFS(GNN)
Test	CC	CC.3.2.3__pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC.3.2.3__pl.6	TO	-	-	-	-	-	-	-
Test	CC	CC.3.2.3__pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC.3.3.3__pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC.3.3.3__pl.5	Yes	12	78	2184	29	2099	55	HFS(GNN)
Test	CC	CC.3.3.3__pl.6	TO	-	-	-	-	-	-	-
Test	CC	CC.3.3.3__pl.7	TO	-	-	-	-	-	-	-
Test	CoinBox	Coin.in.the.Box__pl.2	Yes	2	2	49	9	3	36	HFS(GNN)
Test	CoinBox	Coin.in.the.Box__pl.5	TO	-	-	-	-	-	-	-
Test	CoinBox	Coin.in.the.Box__pl.7	TO	-	-	-	-	-	-	-
Test	SC	SC.10.10__pl.10	TO	-	-	-	-	-	-	-
Test	SCRich	SC.10.10__pl.13	TO	-	-	-	-	-	-	-
Test	SCRich	SC.10.10__pl.14	TO	-	-	-	-	-	-	-
Test	SC	SC.10.10__pl.17	Yes	494	4777	36713	7	36377	328	HFS(GNN)
Test	SCRich	SC.10.10__pl.17	TO	-	-	-	-	-	-	-
Test	SCRich	SC.10.10__pl.2	Yes	2	3	111	12	65	33	HFS(GNN)
Test	SCRich	SC.10.10__pl.3	TO	-	-	-	-	-	-	-
Test	SC	SC.10.10__pl.9	Yes	9	10	61	7	17	36	HFS(GNN)
Test	SCRich	SC.10.10__pl.9	Yes	209	2527	82227	17	82108	101	HFS(GNN)
Test	SC	SC.10.8__pl.14	Yes	15	30	130	6	90	33	HFS(GNN)
Test	SC	SC.10.8__pl.9	TO	-	-	-	-	-	-	-
Test	SC	SC.4.1__pl.5	TO	-	-	-	-	-	-	-
Test	SC	SC.4.2__pl.5	TO	-	-	-	-	-	-	-

# Combined (Training + Test)

Mode	Domain	Problem	Goal	Length	Nodes	Total (ms)	Init (ms)	Search (ms)	Overhead (ms)	Search
Test	Assemble	Assemble_B10_pl.5	TO	-	-	-	-	-	-	-
Test	Assemble	Assemble_B2_pl.5	TO	-	-	-	-	-	-	-
Test	Assemble	Assemble_B4_pl.5	Yes	5	10	93	1	71	20	HFS(GNN)
Test	Assemble	Assemble_B6_pl.5	Yes	5	10	239	1	214	23	HFS(GNN)
Test	Assemble	Assemble_B8_pl.5	Yes	5	10	8605	1	8579	24	HFS(GNN)
Test	Assemble	Assemble_B9_pl.5	Yes	5	10	130538	2	130516	20	HFS(GNN)
Test	Assemble	Assemble_C_pl.5	Yes	5	10	96	1	71	23	HFS(GNN)
Test	CC	CC_2.2.3_pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC_2.2.3_pl.5	Yes	6	20	128	5	87	35	HFS(GNN)
Test	CC	CC_2.2.3_pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC_2.2.3_pl.8	TO	-	-	-	-	-	-	-
Test	CC	CC_2.2.4_pl.3	Yes	4	9	302	15	261	25	HFS(GNN)
Test	CC	CC_2.2.4_pl.4	Yes	7	28	1059	16	1000	42	HFS(GNN)
Test	CC	CC_2.2.4_pl.6	Yes	43	381	18202	17	17875	309	HFS(GNN)
Test	CC	CC_2.2.4_pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC_2.3.4_pl.4	TO	-	-	-	-	-	-	-
Test	CC	CC_2.3.4_pl.5	Yes	13	85	30667	163	30263	240	HFS(GNN)
Test	CC	CC_2.3.4_pl.6	Yes	32	284	65719	222	65088	408	HFS(GNN)
Test	CC	CC_3.2.3_pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC_3.2.3_pl.6	TO	-	-	-	-	-	-	-
Test	CC	CC_3.2.3_pl.7	TO	-	-	-	-	-	-	-
Test	CC	CC_3.3.3_pl.3	TO	-	-	-	-	-	-	-
Test	CC	CC_3.3.3_pl.5	Yes	12	78	2184	29	2099	55	HFS(GNN)
Test	CC	CC_3.3.3_pl.6	TO	-	-	-	-	-	-	-
Test	CC	CC_3.3.3_pl.7	TO	-	-	-	-	-	-	-
Test	CoinBox	Coin_in_the_Box_pl.2	Yes	2	2	49	9	3	36	HFS(GNN)
Test	CoinBox	Coin_in_the_Box_pl.5	TO	-	-	-	-	-	-	-
Test	CoinBox	Coin_in_the_Box_pl.7	TO	-	-	-	-	-	-	-
Test	SC	SC_10.10_pl.10	TO	-	-	-	-	-	-	-
Test	SCRich	SC_10.10_pl.13	TO	-	-	-	-	-	-	-
Test	SCRich	SC_10.10_pl.14	TO	-	-	-	-	-	-	-
Test	SC	SC_10.10_pl.17	Yes	494	4777	36713	7	36377	328	HFS(GNN)
Test	SCRich	SC_10.10_pl.17	TO	-	-	-	-	-	-	-
Test	SCRich	SC_10.10_pl.2	Yes	2	3	111	12	65	33	HFS(GNN)
Test	SCRich	SC_10.10_pl.3	TO	-	-	-	-	-	-	-
Test	SC	SC_10.10_pl.9	Yes	9	10	61	7	17	36	HFS(GNN)
Test	SCRich	SC_10.10_pl.9	Yes	209	2527	82227	17	82108	101	HFS(GNN)
Test	SC	SC_10.8_pl.14	Yes	15	30	130	6	90	33	HFS(GNN)
Test	SC	SC_10.8_pl.9	TO	-	-	-	-	-	-	-
Test	SC	SC_4.1_pl.5	TO	-	-	-	-	-	-	-
Test	SC	SC_4.2_pl.5	TO	-	-	-	-	-	-	-