## 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_B3pl_5	ТО	-	-	-	-	-	-	-
Training	Assemble	$Assemble_B5\_pl_5$	TO	-	-	-	-	-	-	-
Training	Assemble	$Assemble_B7\_pl_5$	TO	-	-	-	-	-	-	-
Training	CC	$CC_2_2_3_pl_4$	TO	-	-	-	-	-	-	-
Training	CC	$CC_2_2_3_pl_6$	Yes	13	66	905	3	870	31	HFS(GNN)
Training	CC	$CC_2_2_4\_pl_5$	Yes	7	19	1018	12	968	38	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	259	22468	464158	21	459678	4458	HFS(GNN)
Training	CC	$CC_3_3_3_pl_4$	Yes	4	7	484	52	361	70	HFS(GNN)
Training	CoinBox	$Coin_in_the_Box_pl_3$	Yes	3	6	54	6	23	24	HFS(GNN)
Training	CoinBox	$Coin_in_the_Box_pl_6$	TO	-	-	-	-	-	-	-
Training	SCRich	$SC_10_10_pl_10$	TO	-	-	-	-	-	-	-
Training	SC	$SC_10_10_pl_13$	Yes	17	49	264	7	214	42	HFS(GNN)
Training	SCRich	$SC_{-10}_{-10}_{-pl}_{-6}$	TO	-	-	-	-	-	-	-
Training	SCRich	$SC_{-10}_{-10}_{-pl}_{-7}$	TO	-	-	-	-	-	-	-
Training	SC	SC_10_8pl_10	TO	-	-	-	-	-	-	-
Training	SC	$SC_{-10}_{-8}$ _pl_15	Yes	16	35	179	4	139	35	HFS(GNN)
Training	SC	SC_4_1pl_3	TO	-	-	-	-	-	-	-
Training	SC	$SC_4_2_pl_7$	TO	-	-	-	-	-	-	-
Training	SC	SC_4_3pl_5	TO	-	-	-	-	-	-	-
Training	$\operatorname{SC}$	SC_8_10pl_6	Yes	12	50	418	9	352	56	HFS(GNN)
Training	$\operatorname{SC}$	$SC_{-9}_{-11}_{-pl}_{-6}$	Yes	20	591	3062	12	3011	38	HFS(GNN)
Training	$\operatorname{SC}$	SC_9_11pl_8	TO	-	-	-	-	-	-	-
Averages:			9/25~(36%)	39	2587.89	52282.44	14	51735.11	532.44	

Test

Mode	Domain	Problem	Goal	Length	Nodes	Total (ms)	Init (ms)	Search (ms)	Overhead (ms)	Search
Test	Assemble	Assemble_B10pl_5	ТО	-	_			-	-	_
Test	Assemble	$Assemble\_B2\_\_pl\_5$	TO	-	-	-	-	-	-	_
Test	Assemble	$Assemble_B4\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B6\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble\_B8\_\_pl\_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B9\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_C_pl_5$	TO	-	-	-	-	-	-	-
Test	$^{\rm CC}$	$CC_2_2_3_pl_3$	TO	-	-	-	-	-	-	-
Test	$^{\rm CC}$	$CC_{-2}_{-2}_{-3}_{-pl}_{-5}$	Yes	9	24	280	5	220	54	HFS(GNN)
Test	CC	$CC_{-2-3-pl_{-7}}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-2-2-3-pl_{-8}}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_2_2_4_pl_3$	Yes	6	14	470	29	385	55	HFS(GNN)
Test	CC	$CC_2_2_4_pl_4$	Yes	5	8	364	18	286	59	HFS(GNN)
Test	CC	$CC_2_2_4_pl_6$	Yes	27	344	12233	36	12033	163	HFS(GNN)
Test	CC	$CC_{-2}_{-2}_{-4}_{-pl}_{-7}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-4}$	Yes	10	35	6560	459	5971	129	HFS(GNN)
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-5}$	Yes	9	51	7996	295	7589	111	HFS(GNN)
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-6}$	Yes	32	412	32496	367	31678	450	HFS(GNN)
Test	CC	$CC_{-3-2-3-pl_{-3}}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-3-2-3-pl_{-6}}$	Yes	194	8565	184597	20	182541	2035	HFS(GNN)
Test	CC	$CC_3_2_3_pl_7$	Yes	14	110	798	12	715	70	HFS(GNN)
Test	CC	$CC_3_3_3_pl_3$	TO	-	-	-	-	-	-	-
Test	CC	$CC_3_3_3_pl_5$	Yes	106	5206	226999	50	224877	2071	HFS(GNN)
Test	CC	$CC_3_3_3_pl_6$	Yes	6	23	2149	64	1986	98	HFS(GNN)
Test	CC	CC_3_3_3pl_7	TO	-	-	-	-	-	-	-
Test	CoinBox	$Coin_in_the_Box_pl_2$	Yes	2	2	70	8	6	55	HFS(GNN)
Test	CoinBox	$Coin_in_the_Box_pl_5$	TO	-	-	-	-	-	-	-
Test	CoinBox	Coin_in_the_Boxpl_7	TO	-	-	-	_	-	-	_
Test	$\operatorname{SC}$	SC_10_10pl_10	TO	-	-	-	_	-	-	_
Test	SCRich	SC_10_10pl_13	TO	-	-	-	-	-	-	-
Test	SCRich	$SC_{-10_{-10_{-pl}}14}$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SC}$	$SC_{-10_{-10_{-pl}-17}}$	Yes	494	4777	27837	7	27676	153	HFS(GNN)
Test	$\operatorname{SCRich}$	SC_10_10pl_17	TO	-	-	-	-	-	-	- 1
Test	$\operatorname{SCRich}$	SC_10_10pl_2	Yes	2	3	130	9	94	26	HFS(GNN)
Test	$\operatorname{SCRich}$	SC_10_10pl_3	TO	_	-	-	_	-	_	- ′
Test	$\operatorname{SC}$	SC_10_10pl_9	Yes	9	10	56	5	22	28	HFS(GNN)
Test	SCRich	SC_10_10pl_9	Yes	209	2527	72132	23	72016	92	HFS(GNN)
Test	$\operatorname{SC}$	SC_10_8pl_14	Yes	15	$\frac{2}{30}$	214	6	156	51	HFS(GNN)
Test	$\operatorname{SC}$	SC_10_8pl_9	ТО	-	-	-	-	-	-	-
Test	$\overline{SC}$	SC_4_1pl_5	TO	-	-	-	-	-	_	_
Test	SC	SC 4.2 pl 5	TO						<u>-</u>	

## Combined (Training + Test)

Mode	Domain	Problem	Goal	Length	Nodes	Total (ms)	Init (ms)	Search (ms)	Overhead (ms)	Search
Test	Assemble	Assemble_B10pl_5	ТО	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B2\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B4\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B6\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B8\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_B9\_pl_5$	TO	-	-	-	-	-	-	-
Test	Assemble	$Assemble_C_pl_5$	TO	-	-	-	-	-	-	-
Test	CC	$CC_2_2_3_pl_3$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-2}_{-2}_{-3}_{-pl}_{-5}$	Yes	9	24	280	5	220	54	HFS(GNN)
Test	CC	$CC_{-2-2-3pl-7}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_2_2_3_pl_8$	TO	-	-	-	-	-	-	-
Test	CC	$CC_2_2_4_pl_3$	Yes	6	14	470	29	385	55	HFS(GNN)
Test	CC	$CC_2_2_4_pl_4$	Yes	5	8	364	18	286	59	HFS(GNN)
Test	CC	$CC_{-2}_{-2}_{-4}_{-pl}_{-6}$	Yes	27	344	12233	36	12033	163	HFS(GNN)
Test	CC	$CC_{-2}_{-2}_{-4}_{-pl}_{-7}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-4}$	Yes	10	35	6560	459	5971	129	HFS(GNN)
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-5}$	Yes	9	51	7996	295	7589	111	HFS(GNN)
Test	CC	$CC_{-2}_{-3}_{-4}_{-pl}_{-6}$	Yes	32	412	32496	367	31678	450	HFS(GNN)
Test	CC	$CC_{-3-2-3-pl_{-3}}$	TO	-	-	-	-	-	-	-
Test	CC	$CC_{-3-2-3-pl_{-6}}$	Yes	194	8565	184597	20	182541	2035	HFS(GNN)
Test	CC	$CC_3_2_3_pl_7$	Yes	14	110	798	12	715	70	HFS(GNN)
Test	CC	$CC_3_3_3_pl_3$	TO	-	-	-	-	-	-	-
Test	CC	$CC_3_3_3pl_5$	Yes	106	5206	226999	50	224877	2071	HFS(GNN)
Test	CC	$CC_3_3_3pl_6$	Yes	6	23	2149	64	1986	98	HFS(GNN)
Test	CC	$CC_3_3_3pl_7$	TO	-	-	-	-	-	-	-
Test	CoinBox	$Coin_in_the_Box_pl_2$	Yes	2	2	70	8	6	55	HFS(GNN)
Test	CoinBox	$Coin_in_the_Box_pl_5$	TO	-	-	-	-	-	-	-
Test	CoinBox	$Coin_in_the_Box_pl_7$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SC}$	$SC_{-10_{-1}0_{-p}l_{-1}0}$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SCRich}$	$SC_{10_{-}10_{-}pl_{-}13}$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SCRich}$	$SC_{10_{-}10_{-}pl_{-}14}$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SC}$	$SC_{10_{-}10_{-}pl_{-}17}$	Yes	494	4777	27837	7	27676	153	HFS(GNN)
Test	$\operatorname{SCRich}$	$SC_{-10_{-10_{-pl}}17}$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SCRich}$	$SC_{10_{-}10_{-}pl_{-}2}$	Yes	2	3	130	9	94	26	HFS(GNN)
Test	$\operatorname{SCRich}$	$SC_10_10_pl_3$	TO	-	-	-	-	-	-	-
Test	$\operatorname{SC}$	$SC_{-10}_{-10}_{-pl}_{-9}$	Yes	9	10	56	5	22	28	HFS(GNN)
Test	SCRich	SC_10_10pl_9	Yes	209	<b>25</b> 27	72132	23	72016	92	HFS(GNN)
Test	$\operatorname{SC}$	SC_10_8pl_14	Yes	15	30	214	6	156	51	HFS(GNN)
Test	$\operatorname{SC}$	SC_10_8pl_9	TO	-	-	-	-	-	-	-
Test	$\operatorname{SC}$	SC_4_1pl_5	TO	_	-	-	-	-	-	-
TT4	CC	00 40 -15	TO							