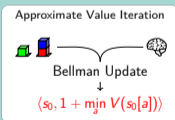
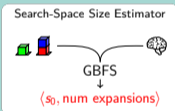
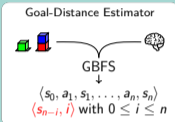
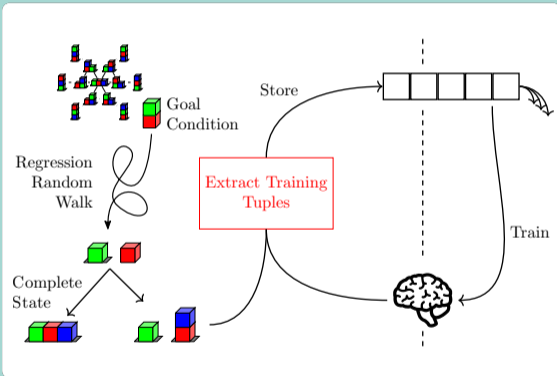


NN Heuristics are highly complementary!

We beat LAMA once !



Moderate Tasks							
Domain	h^{GD}	h^{SE}	h^{AVI}	h^{SL}	h^{HGN}	h^{FF}	LAMA
blocks	18.0	0.0	0.0	80.4	100.0	98.8	100.0
depots	60.3	32.7	54.7	90.3	0.0	98.0	100.0
grid	100.0	100.0	51.0	93.0	0.0	96.0	100.0
npuzzle	28.0	0.0	1.0	0.0	0.3	97.5	100.0
pipes-nt	57.8	68.4	50.2	92.2	7.6	82.4	99.4
rovers	48.2	21.8	45.0	26.0	14.0	84.2	100.0
scanalyzer	33.3	70.7	67.3	82.7	11.0	98.3	100.0
storage	89.0	57.5	69.5	24.5	0.0	48.0	38.5
transport	100.0	100.0	87.5	99.2	94.7	98.5	100.0
visitall	55.3	0.0	0.0	0.0	100.0	93.3	100.0

Hard Tasks							
Domain	h^{GD}	h^{SE}	h^{AVI}	h^{SL}	h^{HGN}	h^{FF}	LAMA
blocks	0.0	0.0	0.0	0.0	50.0	61.6	96.8
depots	8.3	4.3	12.9	35.4	0.0	36.0	82.6
grid	87.8	95.0	70.5	60.2	0.0	53.2	100.0
npuzzle	0.0	0.0	0.0	0.0	0.0	33.2	86.5
pipes-nt	23.4	19.1	8.0	48.7	0.0	27.4	69.3
rovers	2.8	0.8	6.5	1.5	0.3	13.9	100.0
scanalyzer	3.3	0.0	60.7	60.0	0.0	98.0	100.0
storage	27.2	13.2	15.8	0.0	0.0	13.8	11.5
transport	0.0	0.0	2.4	0.0	0.0	0.0	92.8
visitall	28.0	0.0	0.0	0.0	100.0	74.0	100.0

Neural Network Heuristic Functions for Classical Planning:

Bootstrapping and Comparison to Other Methods

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