

BPI-2012-A

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.367	0.985	0.0	0.733	0.703	1.0	0.826
heuristic	0.625	0.888	30.114	0.859	0.89	1.0	0.942
inductive	0.674	0.976	100.0	1.0	1.0	0.635	0.776
gnn	0.429	0.985	0.0	0.39	0.354	0.1	0.156

BPI-2012-O

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.395	0.982	0.0	0.689	0.694	1.0	0.82
heuristic	0.571	0.875	4.207	0.907	0.885	1.0	0.939
inductive	0.673	0.98	100.0	1.0	1.0	0.552	0.711
gnn	0.474	0.982	0.0	0.313	0.277	0.143	0.188

BPI-2017-A

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.826	0.993	0.0	0.783	0.775	0.427	0.55
heuristic	0.617	0.944	32.778	0.971	0.969	1.0	0.984
inductive	0.695	0.923	100.0	1.0	1.0	0.891	0.942
gnn	0.429	0.993	0.0	0.244	0.232	0.1	0.14

BPI-2017-O

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	1.0	0.991	0.0	0.693	0.657	0.341	0.449
heuristic	0.508	0.896	0.0	0.845	0.843	0.994	0.912
inductive	0.684	0.985	100.0	1.0	1.0	0.564	0.721
gnn	0.455	0.991	0.0	0.31	0.28	0.125	0.173

BPI-2020-Domestic-declarations

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.354	0.785	0.0	0.724	0.723	0.25	0.372
heuristic	0.587	0.752	35.371	0.919	0.925	0.867	0.895
inductive	0.6	0.855	100.0	1.0	1.0	0.391	0.562
gnn	0.388	0.785	1.276	0.331	0.314	0.118	0.171

BPI-2020-International-declarations

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.402	0.978	0.0	0.542	0.543	0.322	0.404
heuristic	0.565	0.854	4.326	0.885	0.89	0.953	0.921
inductive	0.644	0.936	100.0	1.0	1.0	0.263	0.417
gnn	0.385	0.978	0.0	0.176	0.168	0.167	0.167

BPI-2020-Permit-log

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	1.0	0.983	0.198	0.529	0.525	0.176	0.263
heuristic	0.561	0.904	0.58	0.862	0.864	0.944	0.903
inductive	0.632	0.953	100.0	1.0	1.0	0.24	0.387
gnn	0.385	0.983	0.0	0.184	0.16	0.111	0.131

BPI-2020-Prepaid-travel-cost

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.228	0.949	0.0	0.455	0.469	0.0	0.0
heuristic	0.56	0.714	23.184	0.886	0.895	0.871	0.882
inductive	0.595	0.9	100.0	1.0	1.0	0.226	0.369
gnn	0.385	0.949	0.0	0.22	0.208	0.111	0.145

payment

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.333	0.827	0.0	0.681	0.683	0.0	0.0
heuristic	0.563	0.681	40.372	0.934	0.938	0.86	0.897
inductive	0.606	0.884	100.0	1.0	1.0	0.349	0.517
gnn	0.385	0.827	1.046	0.333	0.315	0.111	0.164

sepsis

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.478	0.913	0.0	0.294	0.266	0.443	0.332
heuristic	0.433	0.842	3.333	0.885	0.897	0.704	0.789
inductive	0.622	0.902	100.0	1.0	1.0	0.333	0.5
gnn	0.391	0.913	0.0	0.169	0.129	0.375	0.192

traffic

miner	simplicity	generalization	perc_fit_traces	average_trace_fitness	log_fitness	precision	f1_score
alpha	0.657	0.986	0.0	0.674	0.638	0.662	0.65
heuristic	0.548	0.898	52.78	0.919	0.928	0.991	0.959
inductive	0.624	0.975	100.0	1.0	1.0	0.63	0.773
gnn	0.419	0.986	0.0	0.48	0.422	0.091	0.15