Explainable online portfolios are competitive!

Coverage

Delfi
86.9%  86.2%  76.8%  70.8%  82.7%

Delfi
Best

Planner Choices

Usage  Cov_p  Cov_c  Planner
43.7  80.1  94.4  SymBA*
12.3  82.4  89.9  h2 + OSS + LM-Cut
 9.7  78.7  54.5  h2 + DKS + iPDB
 9.4  78.8  88.5  h2 + OSS + iPDB
 8.1  82.7  78.1  h2 + DKS + LM-Cut
 5.4  67.9  74.8  DKS + M&S-MIASM-DFP
 3.3  74.8  97.5  h2 + DKS + M&S-BS-abMIASM
 2.8  65.9  86.6  h2 + OSS + M&S-SCC-DFP
 2.1  75.8  100  h2 + DKS + M&S-BS-SCC-DFP
 1.0  67.7  84.0  OSS + M&S-MIASM-DFP

Feature Importance

requires negative preconditions
max parameters per predicate
mean negations per effect
mean predicates per effect
requires conditional effects
requires equality
max predicates per effect
min predicates per effect

Single Decision Tree

#atoms / #objects ≤ 6.9
#atoms ≤ 266.5
med. #obj. per type ≤ 22.5