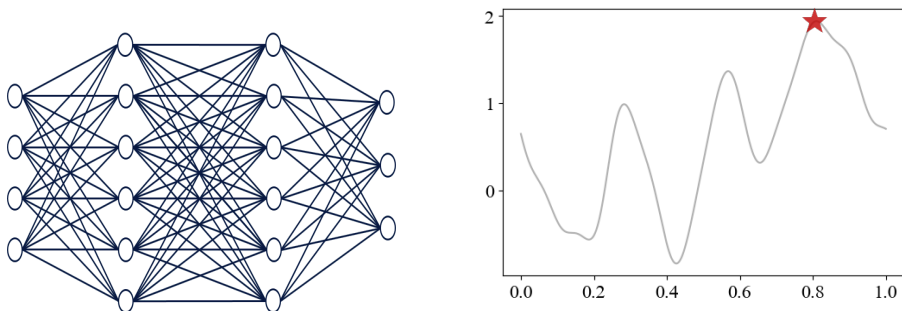


Bayesian Optimization for AutoML

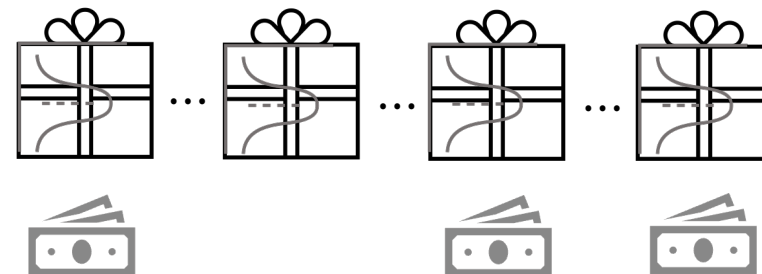


Varying evaluation costs



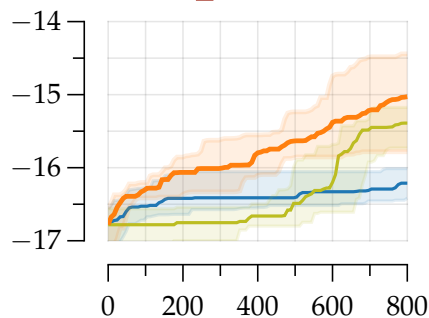
Adaptive stopping time

Key idea



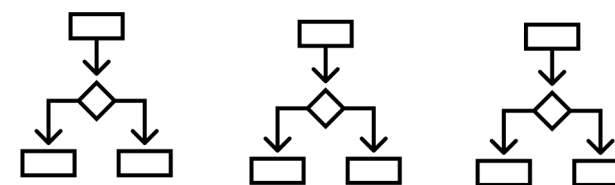
Link to Pandora's Box problem
and Gittins index theory

Impact



Competitive empirical performance

Future potentials



Bayesian optimization w/ multi-
stage feedback



"Cost-aware Bayesian Optimization via the
Pandora's Box Gittins Index."



"Cost-aware Stopping for Bayesian
Optimization."

Gittins Index vs Baselines on LCBench

