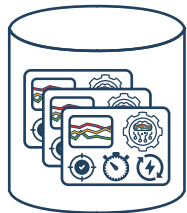


Evaluation Database



with properties of ML models
deployed across datasets and
execution environments

	μ_1	μ_2	μ_3	μ_4	...
m ₁	0.8	2.5	1.4	2.5	...
m ₂	1.4	2.1	3.4	1.4	...
...

training
Algorithm 5.1

Compositional Meta-Learning

interpretable ML regressors estimating
individual performance properties



prediction
Algorithm 5.2



Model Recommendation

with property estimates and multi-level explanations



Selection objective



Users



Configuration
with meta-features