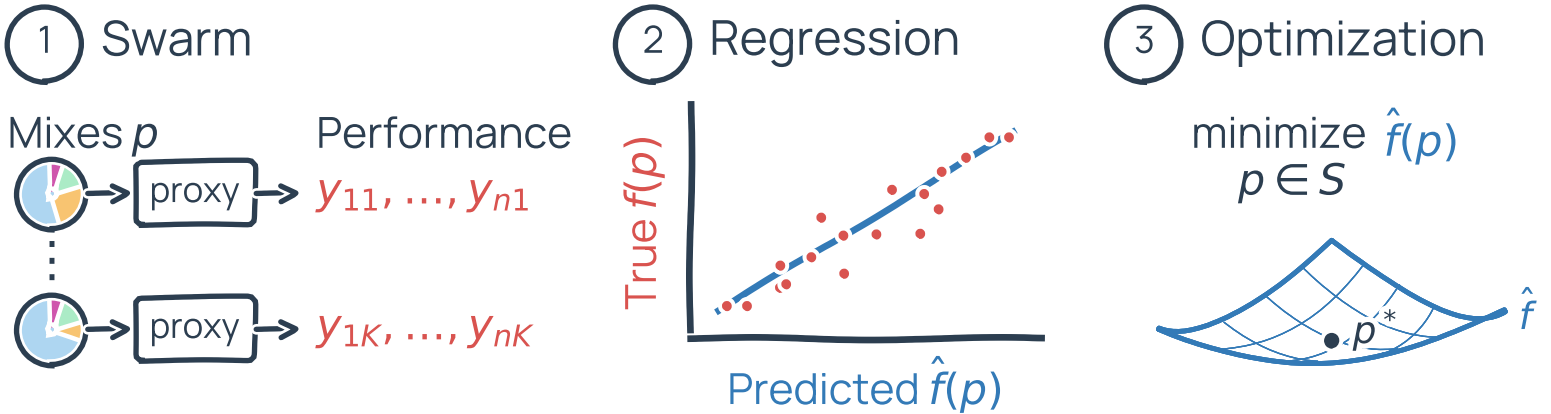
1 Swarm
Mixes p
Performance
proxy
proxy
$y_{11}, \ldots, y_{n1}$
$y_{1K}, \ldots, y_{nK}$
2 Regression
True f(p)
Predicted $\hat{f}(p)$
3 Optimization
minimize $\hat{f}(p)$
$p \in S$
p^*
$\hat{f}$