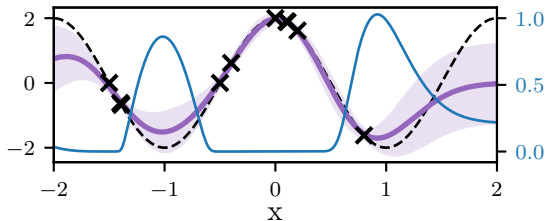
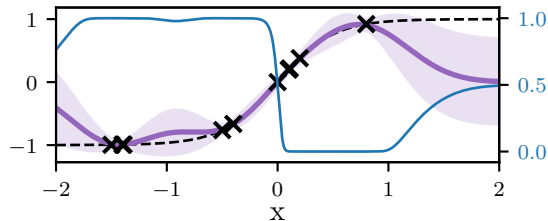


Objective



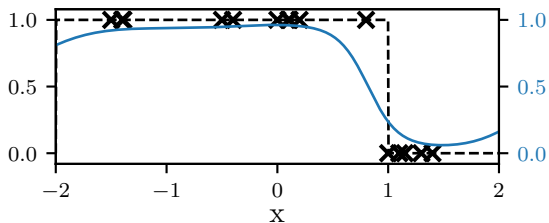
--- f \times y — $p(f | y)$ — HEI

Inequality Constraint



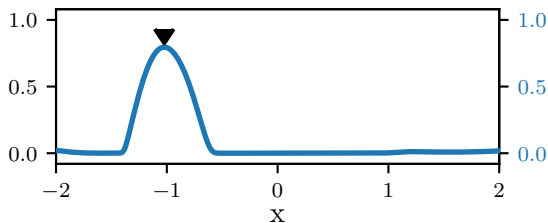
--- g \times c — $p(g | c)$ — $P_{\text{feas}} = p(g \leq 0)$

Equality Constraint



--- h \times l — $P_{\text{succ}} = p(h = 1 | l)$

Acquisition Function



— FRCHEI = $P_{\text{succ}} \cdot P_{\text{feas}} \cdot \text{HEI}$ \blacktriangledown x^*