



$$\text{Risk}(f) = \mu(\mathcal{E})$$

$$\text{AdvRob}_\epsilon(f) = 1 - \mu(\mathcal{E}_\epsilon)$$

Intrinsic Robustness (\mathcal{F}_α)

$$\begin{aligned} &\max_f \text{AdvRob}_\epsilon(f) \\ &\text{s.t. } \text{Risk}(f) \geq \alpha \end{aligned}$$



Concentration Problem

$$\begin{aligned} &\min_{\mathcal{E}} \mu(\mathcal{E}_\epsilon) \\ &\text{s.t. } \mu(\mathcal{E}) \geq \alpha \end{aligned}$$