

Evaluation of expected performance for a given flight plan and ensemble weather forecast

$$\mathcal{F} : (\mathcal{R}, \overline{\text{FL}}, \overline{\text{M}}, \mathcal{C}, \mathcal{D}, d_{\mathcal{D}})$$

$$\mathcal{W} : (\text{T}, w_x, w_y, \text{GH}, r, q, \text{PVU})$$

$$t_0 \sim \mathcal{N}(\bar{t}_0, \sigma_{t_0})$$

$$m_0 \sim \mathcal{N}(\bar{m}_0, \sigma_{m_0})$$

