

Learning Machine - Flowchart

Notations

- $F_{1,T}(\Theta_{1,T})$ - Model with parameters (weights) $\Theta_{1,T}$ trained using data from $1 \leq t \leq T$.
- i - An instant of time $t = i > T$
- $x_{1...i}$ - Patient's health record up to and at time $t = i$
- $\hat{y}_i, \sigma_i = F_{1,T}(x_{1...i}, \Theta_{1,T})$ - Prediction \hat{y}_i and its associated uncertainty σ_i from model $F_{1,T}$.
- $\tilde{y}_i = \mathcal{D}(x_{1...i}, \hat{y}_i, \sigma_i, I_i)$ - Practitioner \mathcal{D} 's decision.
- $I_i = \mathcal{J}(x_{1...i}, F_{1,T}, \hat{y}_i)$ - Interpretation I_i from Interpreter \mathcal{J} .

Flowchart

