

10-minute average

inflow conditions

$$x_i \in \mathbb{R}^d$$

random seed 1

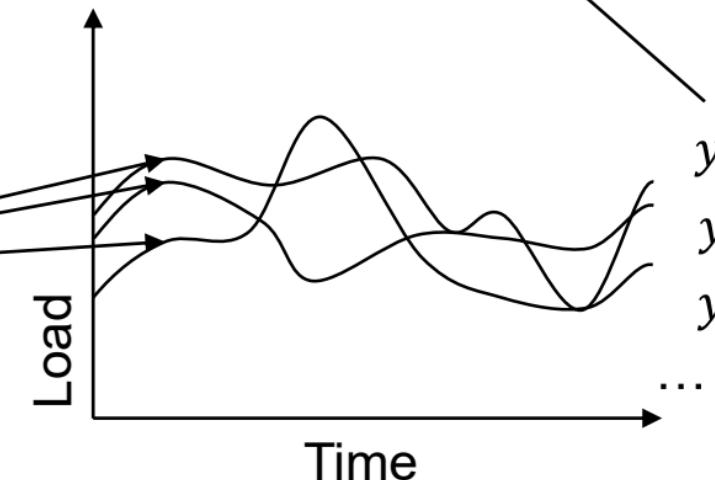
random seed 2

random seed 3

... n

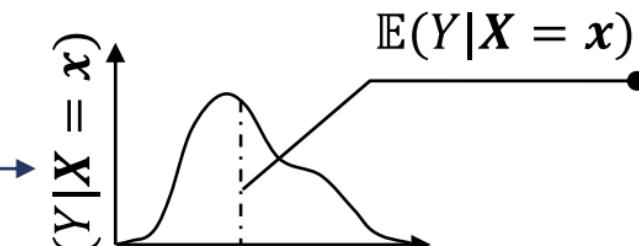
10-minute load

statistics  $y_i \in \mathbb{R}$



Probabilistic surrogate

Deterministic surrogate



$$\hat{Y} \approx (Y|X = x)$$

$$\hat{y} \approx E(Y|X = x)$$