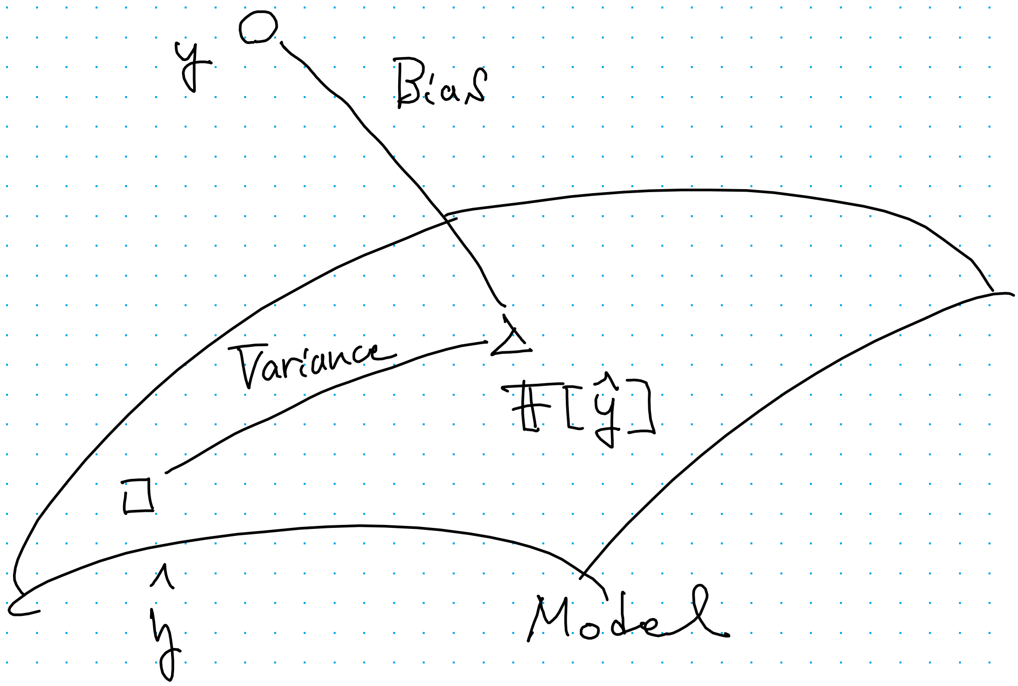
Subject ISH – Q1 – 1 Date Dec 2nd, 2021

Attendants Hiroki Naganuma.

MSE Variance Bias^2

$$\mathbb{E}[(\hat{y}-y)^2] = \mathbb{E}[(\hat{y}-\mathbb{E}[\hat{y}])^2] + (\mathbb{E}[\hat{y}]-y)^2$$



y : grond truth

$\hat{y}$: predicted

$\mathbb{E}[\hat{y}]$: Averaged prediction.