

NOISE

A Flaw in Human Judgment

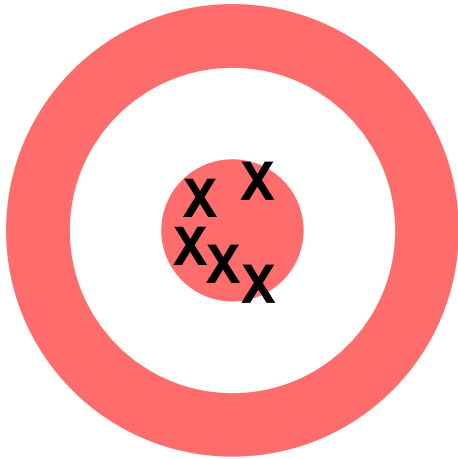
DANIEL
KAHNEMAN

AUTHOR OF *THINKING, FAST AND SLOW*

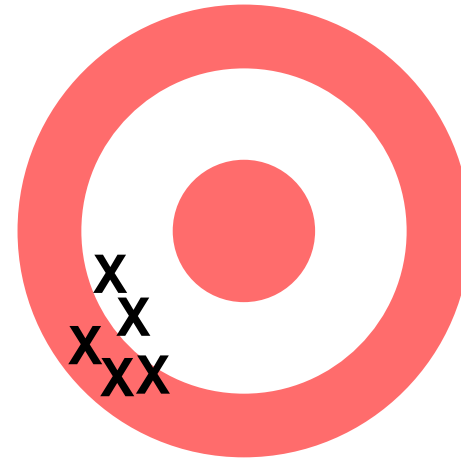
OLIVIER
SIBONY

CASS R.
SUNSTEIN

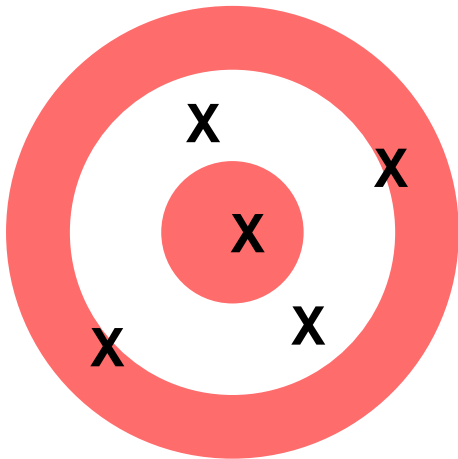




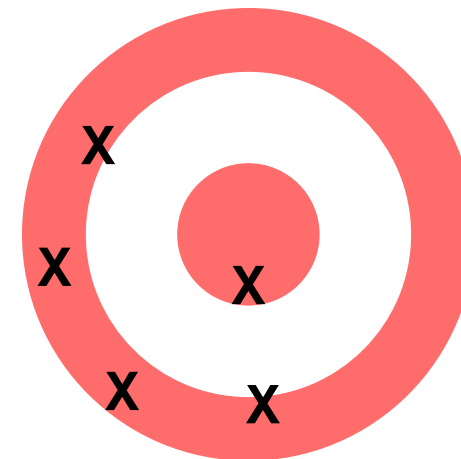
TEAM A



TEAM B

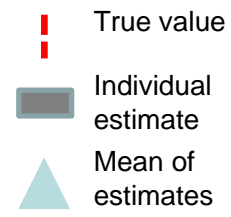


TEAM C



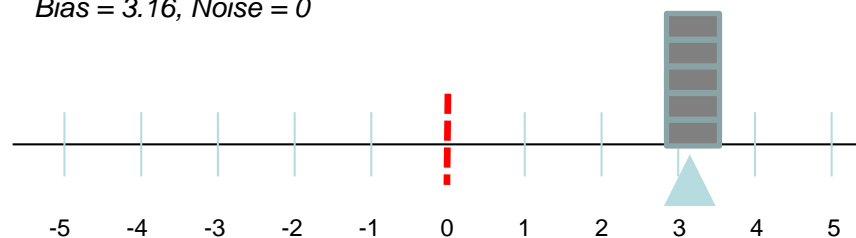
TEAM D

$$\text{Global Error} = \text{Bias}^2 + \text{Noise}^2$$



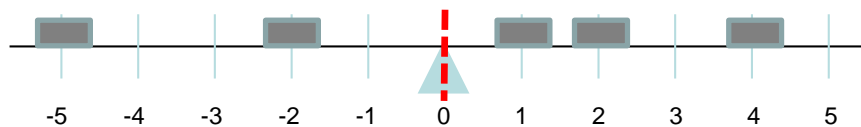
Biased

$Bias = 3.16, Noise = 0$



Noisy

$Bias = 0, Noise = 3.16$



Three Types of Noise

Level Noise -- Judges vary in overall severity

Pattern Noise -- Judges have personal responses to crimes and defendants

Occasion Noise -- The same case will evoke different reactions on different occasions

Pattern noise is the biggest

