

Comparing to human-level performance

Understanding human-level performance

Human-level error as a proxy for Bayes error

Medical image classification example:

Suppose:





(c) Experienced doctor 0.7 % error

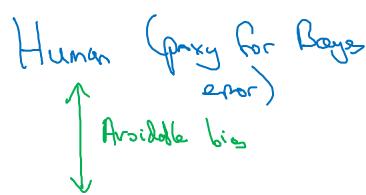
 \rightarrow (d) Team of experienced doctors .. 0.5 % error \leftarrow

What is "human-level" error?



Boye error 5 0.50/2

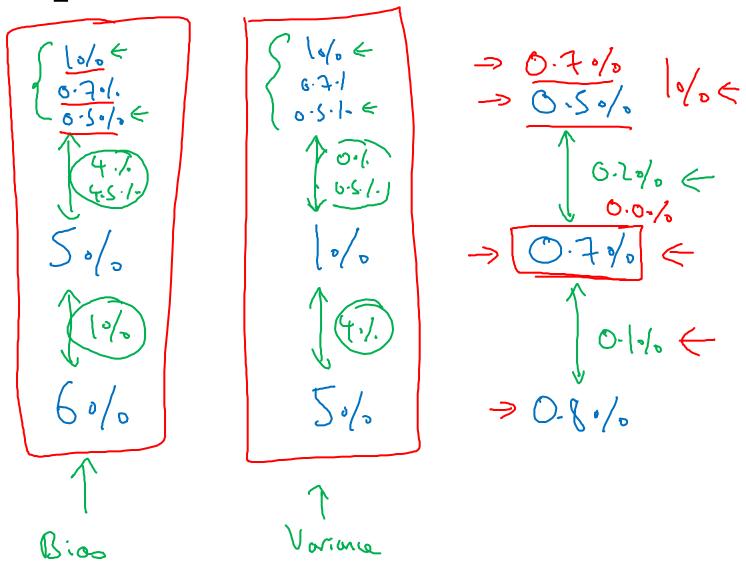
Error analysis example



Training error



Dev error



Summary of bias/variance with human-level performance



Human-level error
(pary la Bayes error)

Training error

Dev error

