



deeplearning.ai

Comparing to human-
level performance

Understanding
human-level
performance

Human-level error as a proxy for Bayes error

Medical image classification example:

Suppose:

- (a) Typical human 3 % error
- (b) Typical doctor 1 % error
- (c) Experienced doctor 0.7 % error
- (d) Team of experienced doctors .. 0.5 % error



What is “human-level” error?

Error analysis example

Training error

Dev error

Summary of bias/variance with human-level performance

Human-level error

Training error

Dev error