CS 66: Machine Learning

Prof. Sara Mathieson Spring 2019



Lab 5: in-lab notes

Creating a ROC curve using

probability thresholds

threshold = 0.25

 $P(y=1)|\hat{x}\rangle \geq 0.25 \rightarrow +1 \text{ (poisonous)}$ $P(y=1|\hat{x}) < 0.25 \rightarrow -1 \text{ (edible)}$ Vary threshold (for testing only) [0, 0.1, 0.2, ..., 0.9, 1] Anne





T=10, T=100 ROL thresh = 0 P(Y=e|Xjev) 10 Crondon gressing.