

COS 511: Theoretical Machine Learning

Hints for HW#1
PAC Learning

Spring, 2019

- 2a. Let $\epsilon(h)$ be the bound given in the problem. Start by showing that if a particular hypothesis h has true error $\text{err}_D(h)$ that is bigger than $\epsilon(h)$, then the probability that it is consistent with a data set of size m is at most $g(h)\delta$.