

COS 511: Theoretical Machine Learning

Hints for HW#1
PAC Learning

Spring, 2008

- 3a. Start by showing that if a particular hypothesis h has true error $\text{err}_D(h)$ bigger than $\epsilon(h)$, then the probability that it is consistent with a data set of size m is at most $g(h)\delta$, where $\epsilon(h)$ is the bound given in the problem.