Decision Tyee:

for future 2 & 3 we have a) we want to talk about future I (we choose on soil 1×1·0× (10)H やナイサ) H(か) 一(か)H (=

able to classify all three emaple so we understand that no matter what question will ask we want 0=1(4) H 4+(4) H 4)-1474 <=

b) enample tree: area des mo mero des mo mero

Madel selection & validation

(1) S_ ind sample, harlearning algorithm => Lp(h)= k

if we follow y=0 by training S/find so the predictors is h(x))

by consider S/find=0 so we get that h(x)=0

=>So the entirale error of h is 1 & |Lo(h)-Ls(h)|= //

and in the case of S=0 is 'arralyzed analogously.

(1)

ERM over A with the training data with size of [riog (*K/8)]

by applying the union bound with probablity at least 1-8 LPCh) < min LpChi)+ E/y

3+142a7 aim > 1

g(x)=1 => h(m) is -900 or 100

Boiles (-mt y, ht (m) 1 = Et -) i-Et -) Et CLEA

13-173/2 +3 / 143-17 + +3 -1/2 - 11Pm)+4 Pf. - 2012 PG Z <=