

One issue with the examp kny is the example of tied class groups 1-e. b=8 neighbour class 1 =4 C2:4 Solutions-- use odd k - weight neighbours, closer = more influentiert. e.g. endicteur How to choose k? · too small = influenced by Noise - this creates Islands of Clusters which represent overfetting o too big = - upto a point >k has a regularization affect and which reduces overfitting - Too far then we loose true fit

> - data inbal w/ hegi k can completely shut out en closs of Just overeach

of the data