CSE 473

Chapter 20

Machine Learning Algorithms: Nearest Neighbors & Neural Networks



• We've looked at:

Classification using Decision Trees

Combining classifiers using:

- Majority voting (Bagging)
- Weighted majority voting (Boosting)
- Last Time: How do we know the classifier function we have learned is good?

Look at generalization error on test data

- Method 1: Split data in training vs test set (the "hold out" method)
- Method 2: Cross-Validation

















































