Boosting Classifiers

[Freund & Schapire, ICML 1996]

Boosting:

• Learn a sequence of classifiers from a single training set
• But reweighting examples to emphasize misclassified
• Final classifier = weighted combination of classifiers

Summary:

• Empirically shown to be effective
• Theory still under development
• Many variants of boosting, active research

Boosting - Further Reading