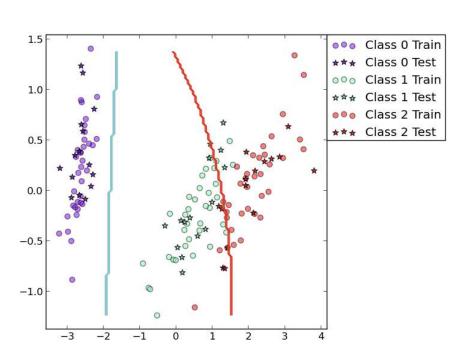
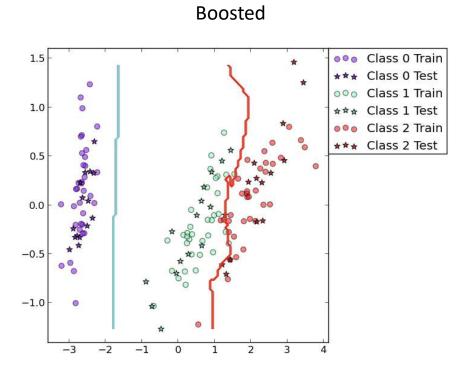
# Naïve Bayes

# Iris dataset

# Normal





Accuracy: 90%

STD: 4.03

Accuracy: 94.6%

STD: 3.3

# Iris dataset

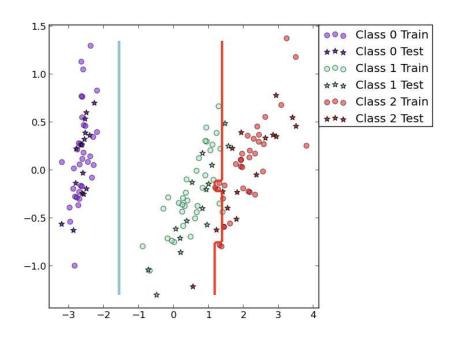
#### Normal Decision Tree

# 1.0 \*\*\* Class 0 Train \*\*\* Class 1 Train \*\*\* Class 1 Test \*\* Class 2 Train \*\*\* Class 2 Train \*\*\* Class 2 Test -1.0 -1.5

Accuracy: 92.7%

STD: 3.16

#### **Boosted Decision Tree**



Accuracy: 94.6%

STD: 3.43

### Vowel dataset

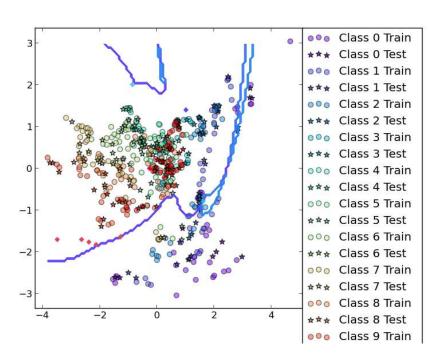
#### **Normal Bayes**

#### ooo Class 0 Train \*\*\* Class 0 Test Class 1 Train Class 1 Test Class 2 Train \*\*\* Class 2 Test Class 3 Train Class 3 Test ooo Class 4 Train Class 4 Test ooo Class 5 Train Class 5 Test Class 6 Train \*\*\* Class 6 Test OOO Class 7 Train -2 \*\*\* Class 7 Test ooo Class 8 Train -2 \*\*\* Class 8 Test OOO Class 9 Train

Accuracy: 53.5%

STD: 3.55

#### **Boosted Bayes**



Accuracy: 62.5%

STD: 5.97

## Vowel dataset

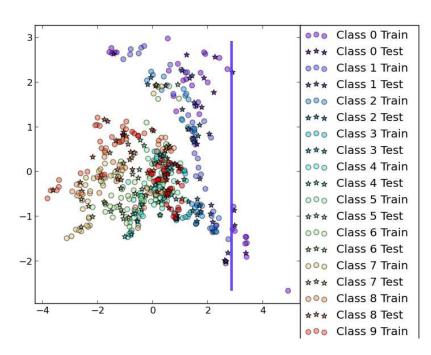
#### **Normal Decision Tree**

#### ooo Class 0 Train \*\*\* Class 0 Test Class 1 Train Class 1 Test Class 2 Train Class 2 Test Class 3 Train Class 3 Test Class 4 Train Class 4 Test Class 5 Train Class 5 Test Class 6 Train Class 6 Test -2Class 7 Train Class 7 Test Class 8 Train -2 2 \*\*\* Class 8 Test ooo Class 9 Train

Accuracy: 63.9%

STD: 3.67

#### **Boosted Decision Tree**



Accuracy: 87.1%

STD: 3.12