**STA 6707**

**HOMEWORK 2**

**DUE IN CLASS THURSDAY FEB 21**

**Problem 1:**

Read the background and using linear and quadratic discriminant analysis, as well as decision trees, classify the data set described in

<https://archive.ics.uci.edu/ml/datasets/Arrhythmia>

Issues to consider in your analysis:

1. All variables are not numerical
2. How to calibrate the misclassification error rate