

# Homework 9

For this homework you will create an R Markdown file that outputs to HTML or PDF. You should upload both of these to wolfware.

The purpose of this homework is to get practice fitting classification trees, random forests, boosted trees, and bagged trees.

The data we'll use is available here including a description of variables.

1. Read in the data and split it into training and testing sets. Don't forget to set the **target** variable to be a factor. You'll use the training set for all model fits and then use the testing set for evaluation of models.
2. Fit a classification tree, bagged tree model, and random forest model to the training data. Evaluate the models using the misclassification rate.