**C2T3-Random Forest Results**

**1) Training**

> rfFit1

Random Forest

7501 samples

6 predictor

2 classes: '0', '1'

No pre-processing

Resampling: Cross-Validated (10 fold, repeated 10 times)

Summary of sample sizes: 6751, 6751, 6751, 6751, 6751, 6750, ...

Resampling results across tuning parameters:

mtry Accuracy Kappa

2 0.9214640 0.8332708

4 0.9207172 0.8315669

6 0.9152255 0.8199156

Accuracy was used to select the optimal model using the largest value.

The final value used for the model was mtry = 2.

**2) Making Predictions**

> postResample(testPredrf1, testing$brand)

Accuracy Kappa

0.9223689 0.8351400