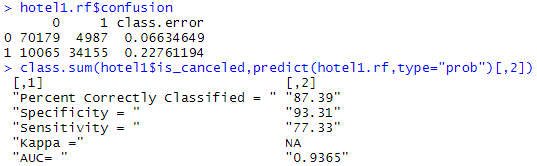
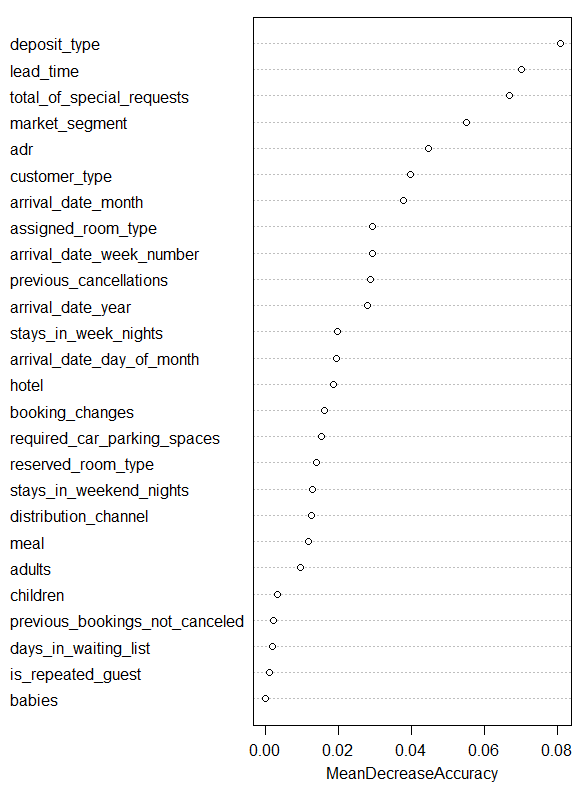
GREG: R OUTPUT AND COMMENTARY FOR FINAL PROJECT

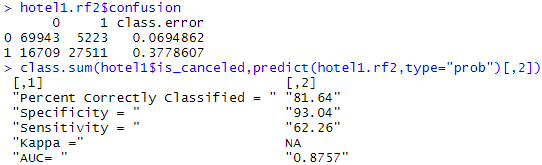
RANDOM FORESTS

Combined data:

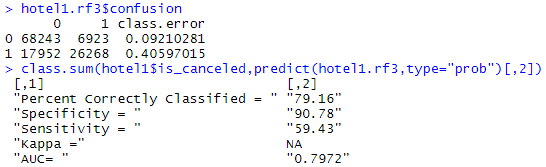




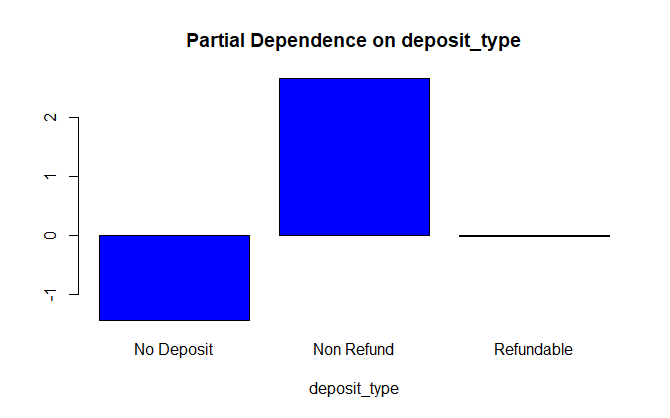
7-variable model:



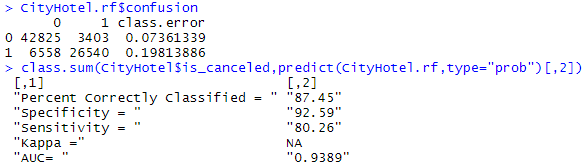
4-variable model:

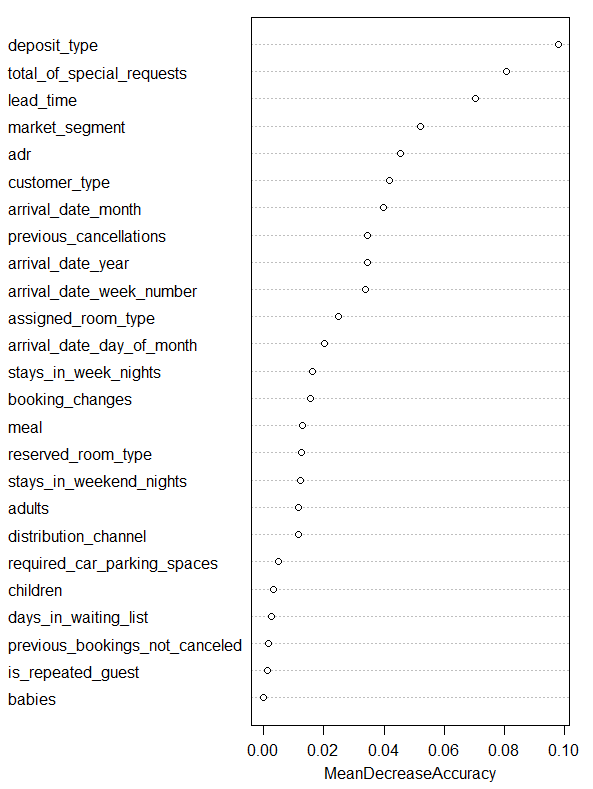


Partial Dependence Plots:

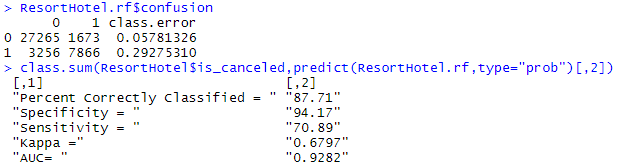


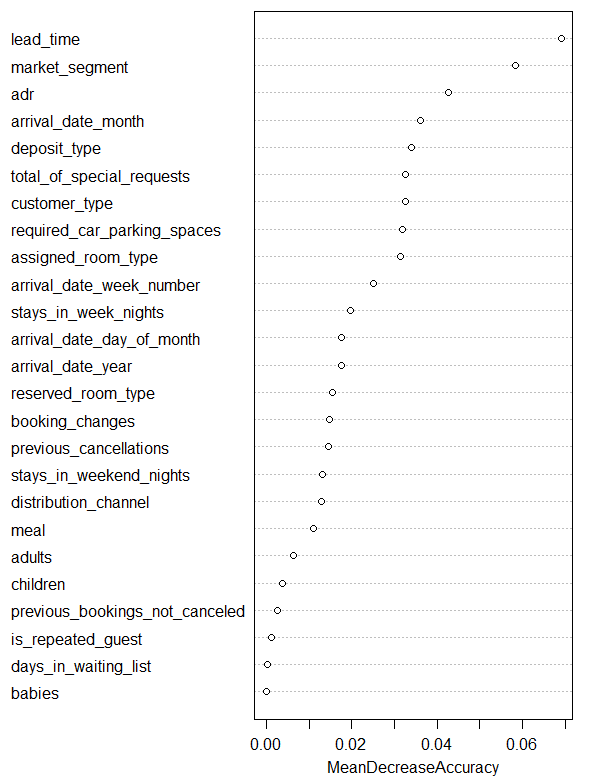
City Hotel:



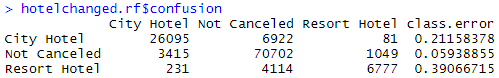


Resort Hotel:

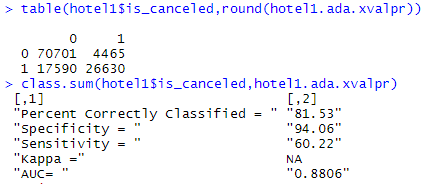




Out-of-Bag Confusion matrix for RF with HOTEL as Response

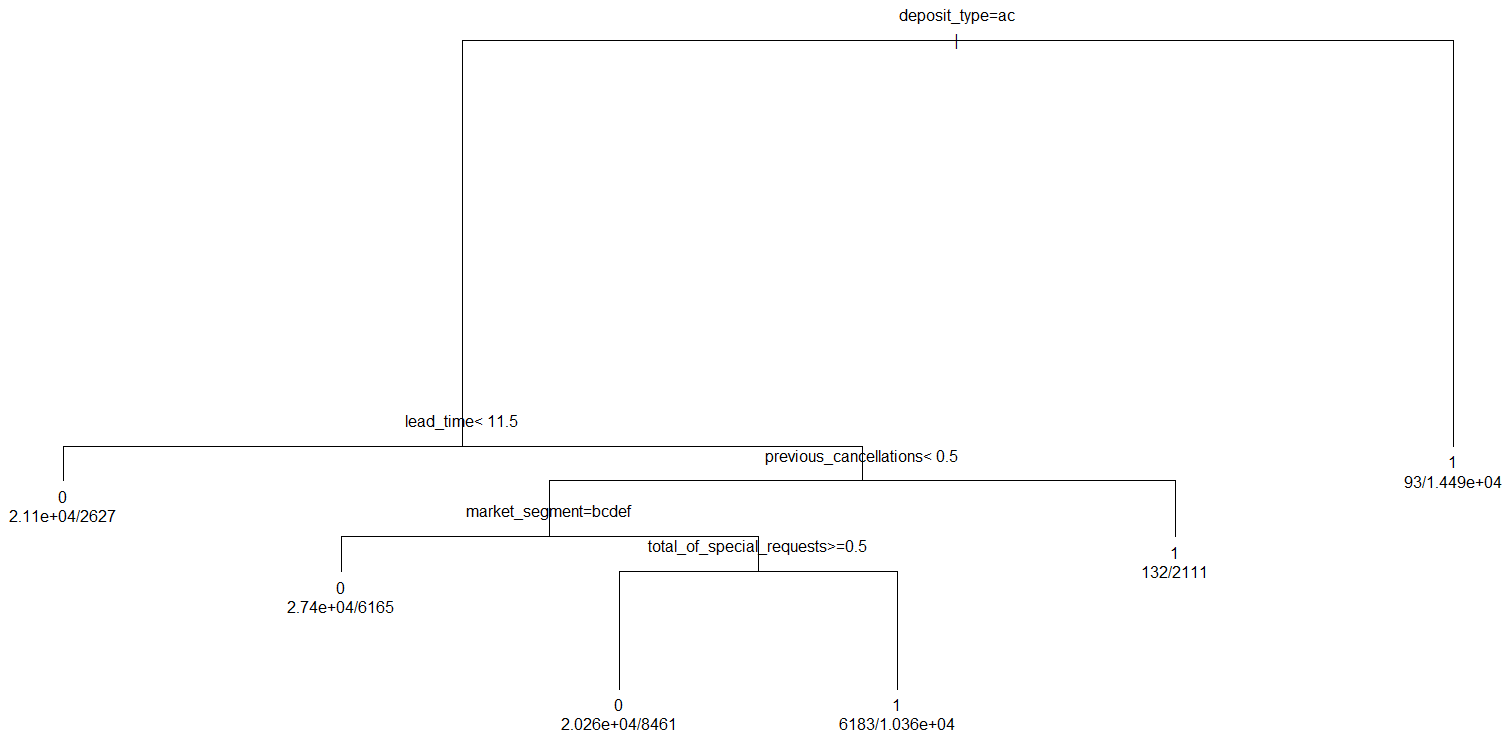


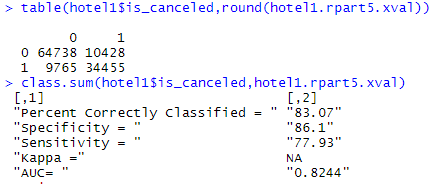
ADABOOST RESULT:



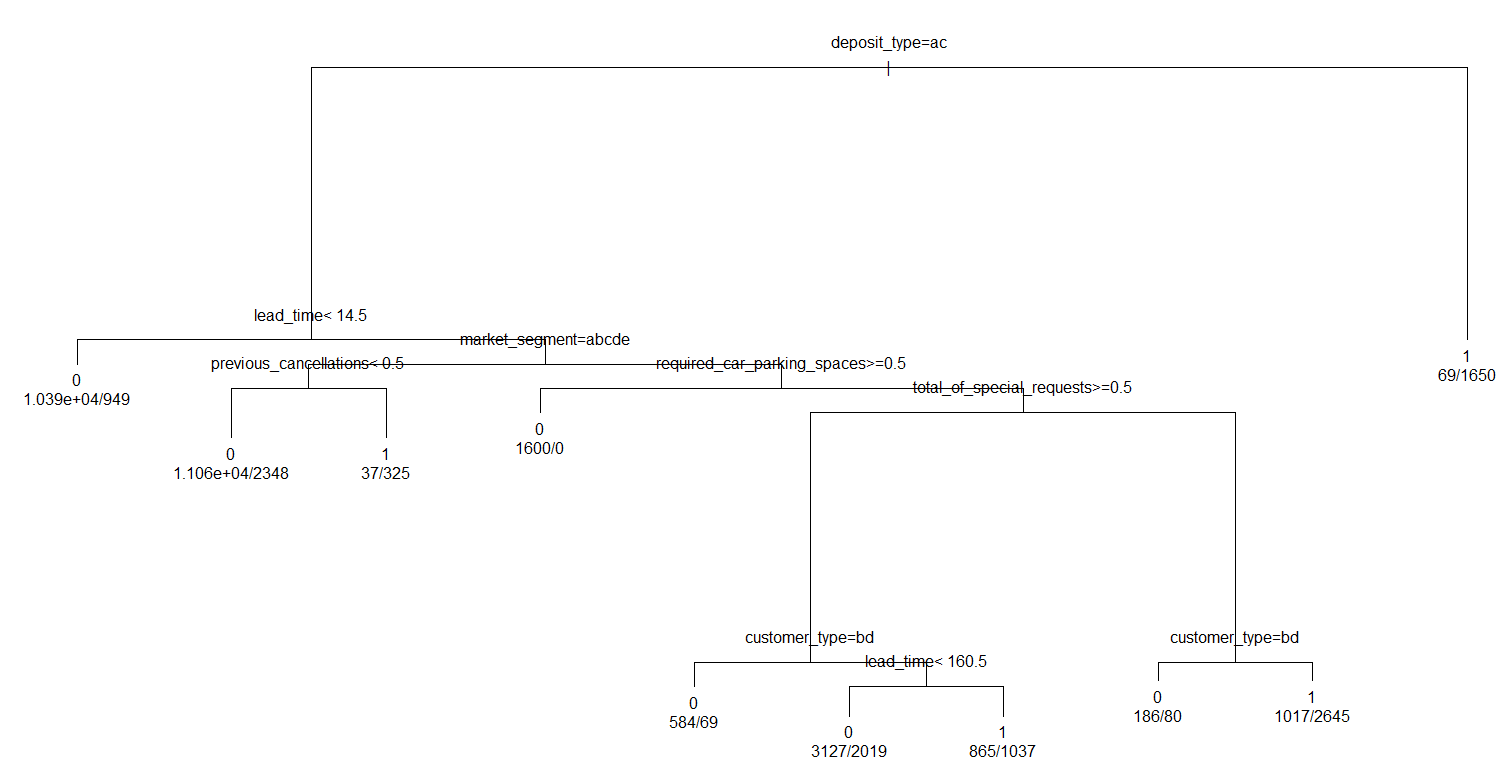
CLASSIFICATION TREES

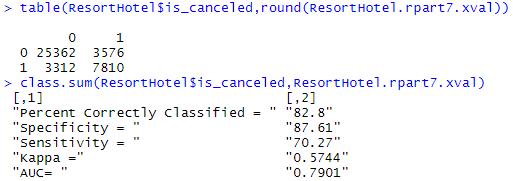
Combined Data, 5 splits



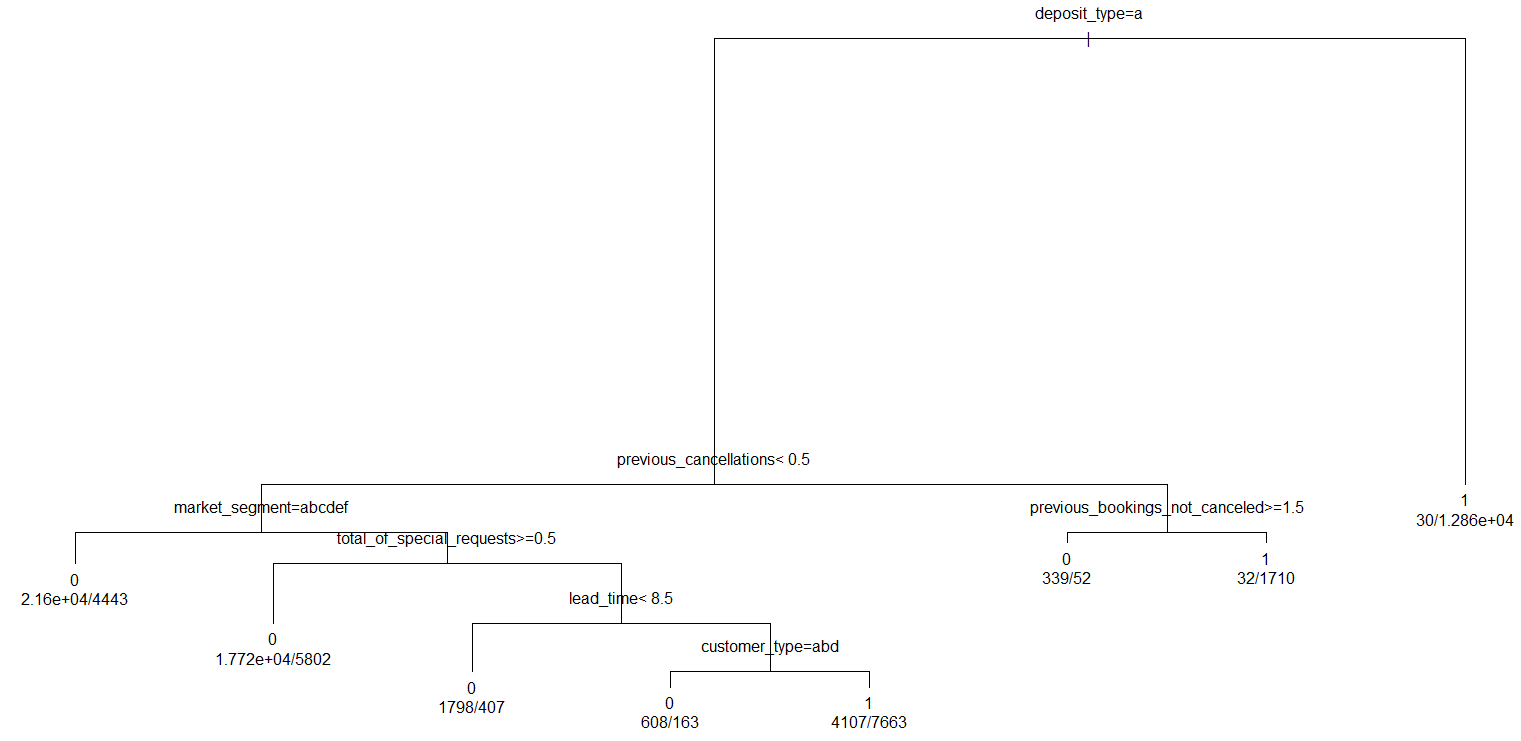


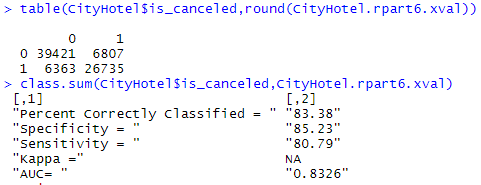
Resort Hotel only, 7 splits





City Hotel Only, 6 Splits





CROSSVALIDATED CONFUSION MATRIX FOR HOTEL AS RESPONSE