

## Report for Boosted Model Boosted\_Model

Basic Summary:

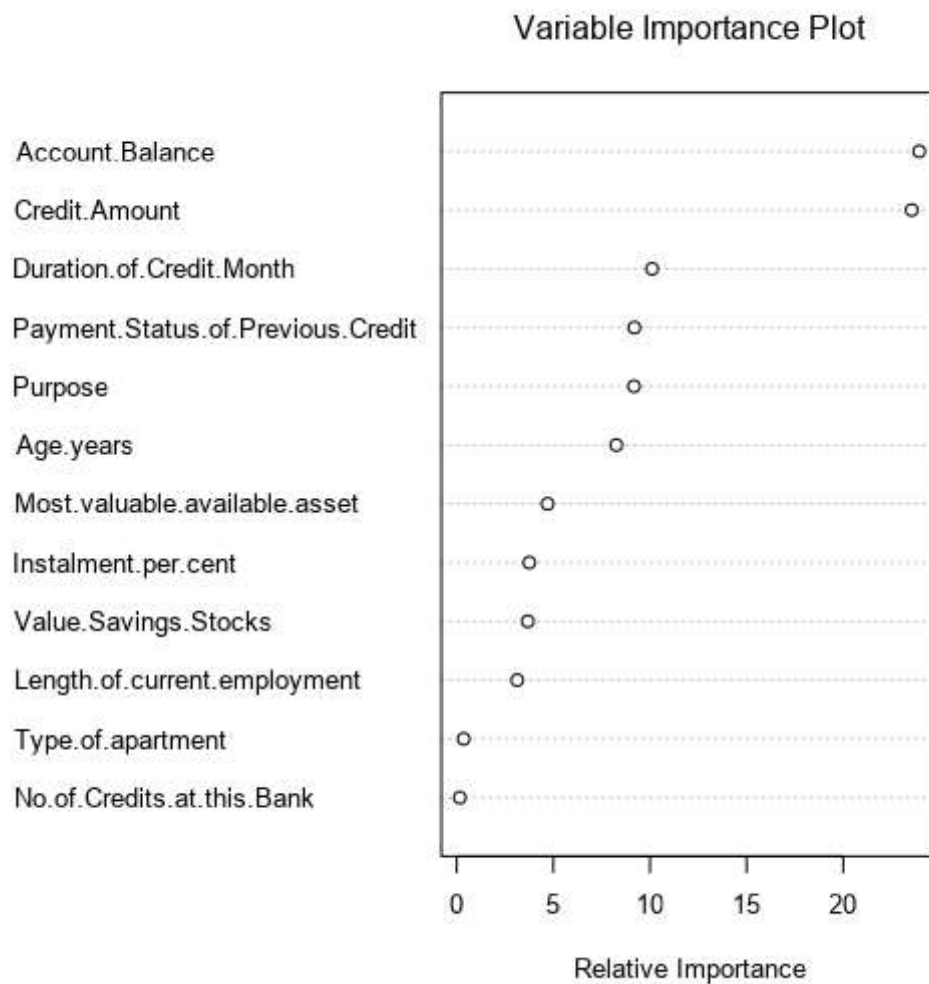
Loss function distribution: Bernoulli

Total number of trees used: 4000

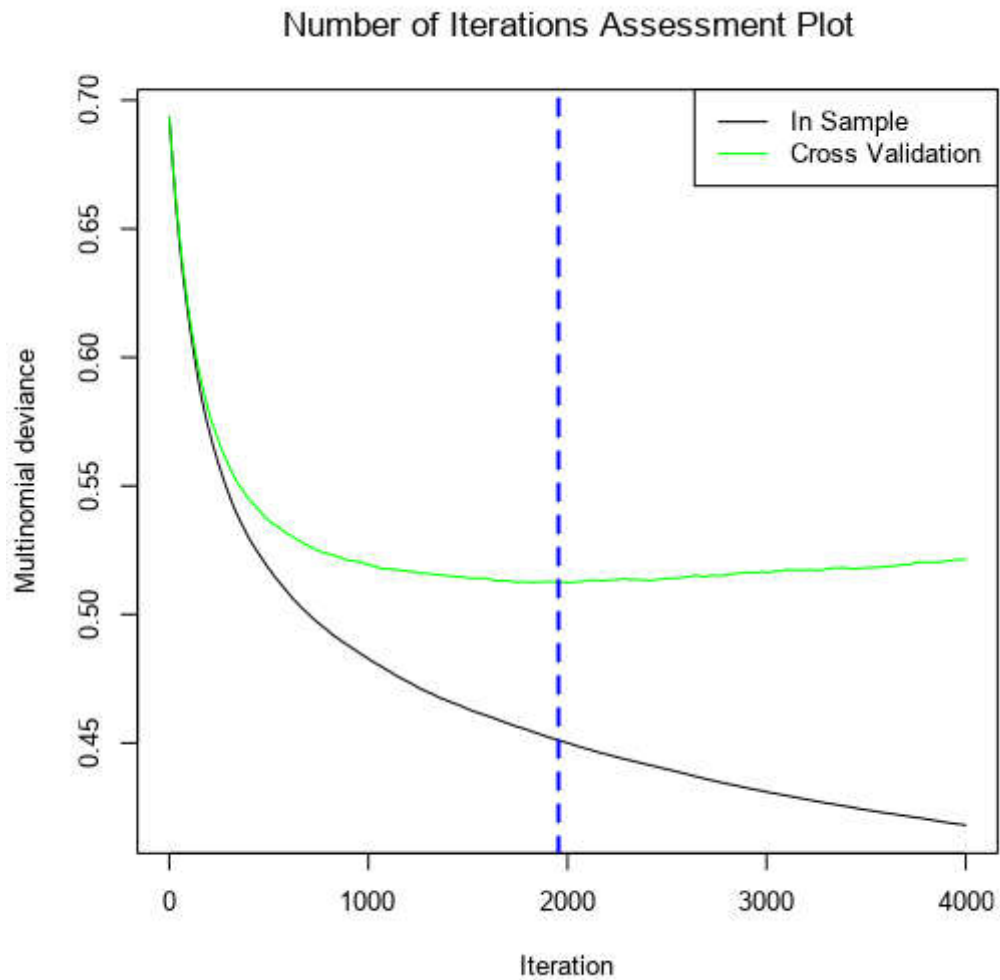
Best number of trees based on 5-fold cross validation: 1955

2

Plots:



The Variable Importance Plot provides information about the relative importance of each predictor field. The measures are normalized to sum to 100, and the value for each field gives the relative percentage importance of that field to the overall model.



The Number of Iterations Assessment Plot illustrates how the deviance (loss) changes with the number of trees included in the model. The vertical blue dashed line indicates where the minimum deviance occurs using the specified assessment criteria (cross validation, the use of a test sample, or out-of-bag prediction).