### Basic Summary

#### Call:

randomForest(formula = Credit.Application.Result ~ Account.Balance +

Duration.of.Credit.Month + Payment.Status.of.Previous.Credit + Purpose +

Credit.Amount + Value.Savings.Stocks + Length.of.current.employment +

Instalment.per.cent + Most.valuable.available.asset + Age.years + Type.of.apartment +

No.of.Credits.at.this.Bank, data = the.data, ntree = 500)

Type of forest: classification

Number of trees: 500

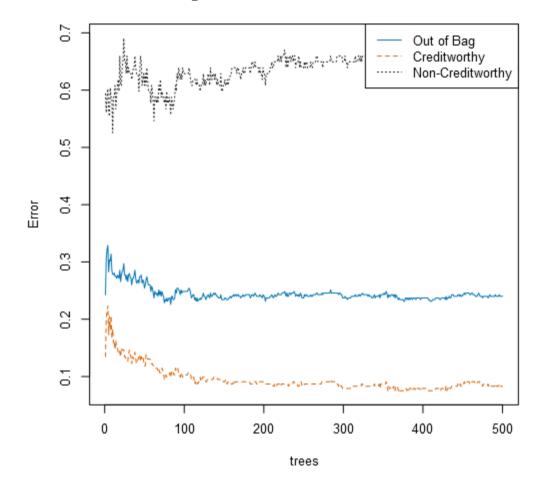
Number of variables tried at each split: 3 OOB estimate of the error rate: 36.6%

#### Confusion Matrix:

	Classification Error	Creditworthy	Non-Creditworthy
Creditworthy	0.083	232	21
Non-Creditworthy	0.649	63	34

#### **Plots**

## Percentage Error for Different Numbers of Trees



# Variable Importance Plot

Credit.Amount

Age.years

Duration.of.Credit.Month

Account.Balance

Most.valuable.available.asset

Payment.Status.of.Previous.Credit

Instalment.per.cent

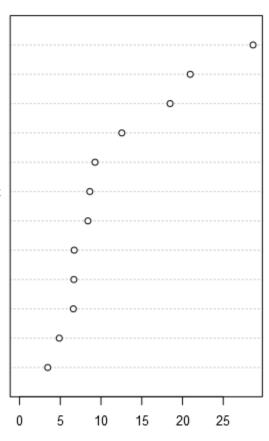
Length.of.current.employment

Purpose

Value.Savings.Stocks

Type.of.apartment

No.of.Credits.at.this.Bank



MeanDecreaseGini