Call:

randomForest(x = train\_samples, y = f\_response\_train\_samples, ntree = 1000, nodesize = nodesize)

Type of random forest: classification

Number of trees: 1000

No. of variables tried at each split: 66

OOB estimate of error rate: 0%

Confusion matrix:

0 1 class.error

0 1000 0 0

1 0 1000 0

> ################################################################################

> # SC Predict

> ################################################################################

>

> ### Random Forest ###

>

> p\_SC <- predict(r\_SC, test\_SC)

> f\_p\_SC <- factor(p\_SC, levels=min(response\_test\_SC):max(response\_test\_SC))

>

> # Evaluate quality of predictions

> cm1\_SC <- confusionMatrix(f\_p\_SC, f\_response\_test\_SC)

> print(cm1\_SC)

Confusion Matrix and Statistics

Reference

Prediction 0 1

0 854 86

1 7 16

Accuracy : 0.9034

95% CI : (0.883, 0.9213)

No Information Rate : 0.8941

P-Value [Acc > NIR] : 0.1874

Kappa : 0.2258

Mcnemar's Test P-Value : 6.054e-16

Sensitivity : 0.9919

Specificity : 0.1569

Pos Pred Value : 0.9085

Neg Pred Value : 0.6957

Prevalence : 0.8941

Detection Rate : 0.8868

Detection Prevalence : 0.9761

Balanced Accuracy : 0.5744

'Positive' Class : 0

Confusion Matrix and Statistics

Reference

Prediction 0 1

0 904 23

1 5 14

Accuracy : 0.9704

95% CI : (0.9575, 0.9802)

No Information Rate : 0.9609

P-Value [Acc > NIR] : 0.072607

Kappa : 0.4864

Mcnemar's Test P-Value : 0.001315

Sensitivity : 0.9945

Specificity : 0.3784

Pos Pred Value : 0.9752

Neg Pred Value : 0.7368

Prevalence : 0.9609

Detection Rate : 0.9556

Detection Prevalence : 0.9799

Balanced Accuracy : 0.6864

'Positive' Class : 0