[Workspace loaded from ~/.RData]

Loading required package: ROCR

Loading required package: gplots

Attaching package: ‘gplots’

The following object is masked from ‘package:stats’:

lowess

> source('C:/Users/hp1/Desktop/SVM/SVM.R', echo=TRUE)

> library(e1071)

> library(ROCR)

> model <- svm(ACTION ~ ., data = train)

> predictedX <- predict(model, train)

> plot(predictedX)

> table(train$ACTION, predictedX > 0.5)

TRUE

0 1897

1 30872

> ROCRpred = prediction(predictedX, train$ACTION)

> auc = as.numeric(performance(ROCRpred, "auc")@y.values)

> ROCRperf = performance(ROCRpred, "tpr", "fpr")

> plot(ROCRperf)

> auc

[1] 0.6539338

>