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
>
```