Simple demo of rmarkdown

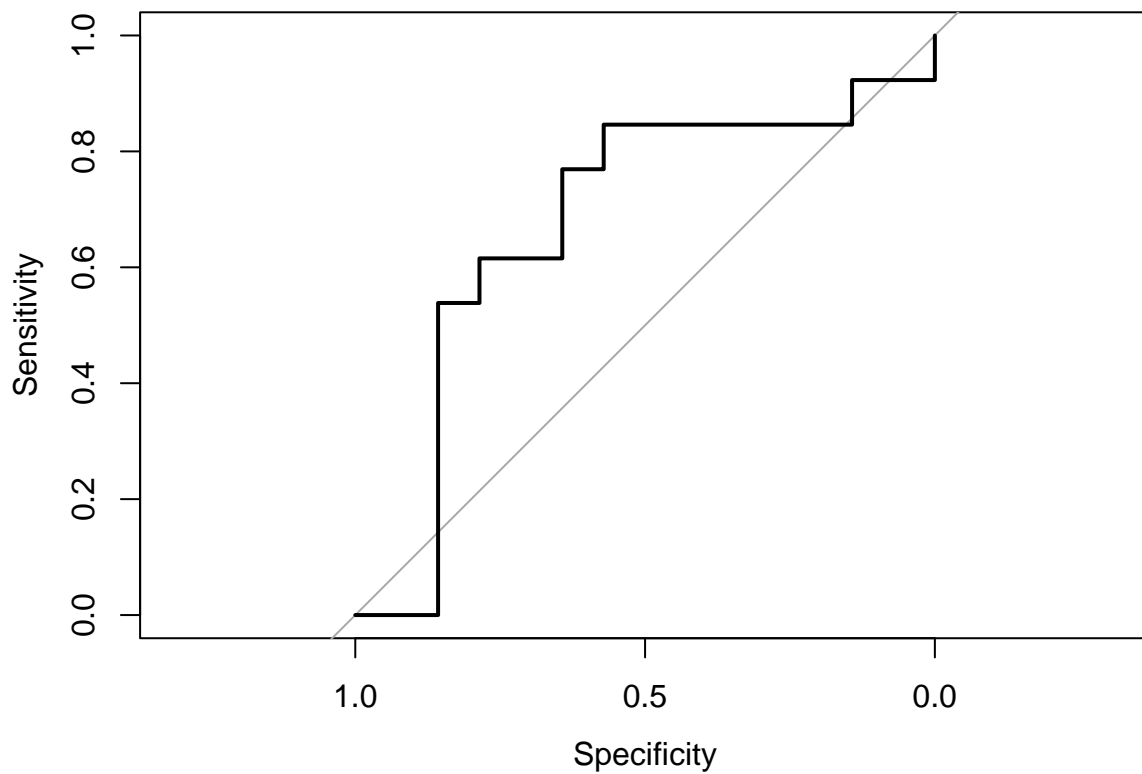Soumya Banerjee

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Contents

1 Summary

This is a document that outlines a demo of an R markdown.

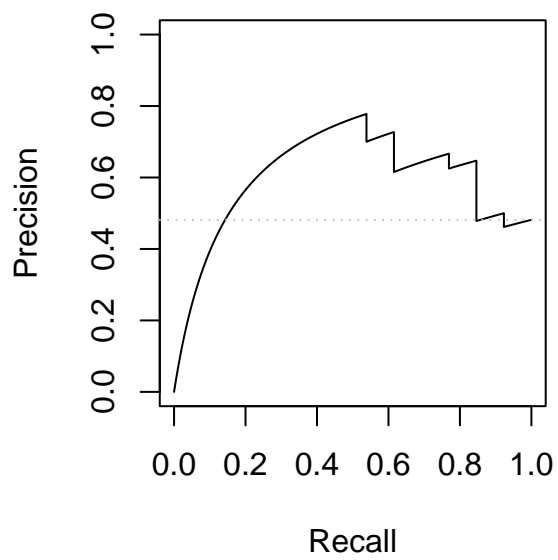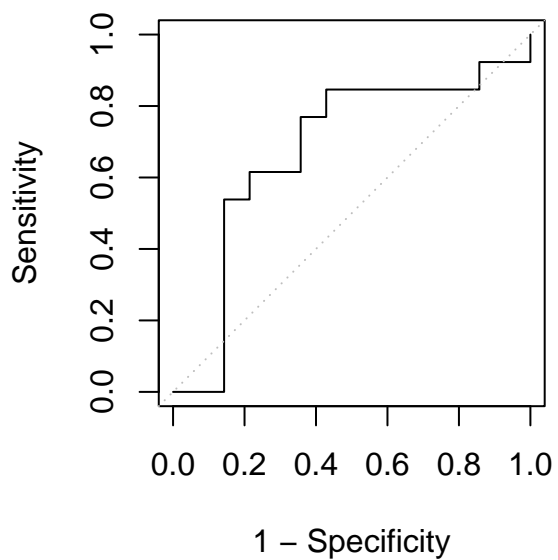# 2 Visualize data

todo histogram

3 Perform logistic regression

```
## [1] 0.3913043
```

```
## Setting levels: control = 0, case = 1
```
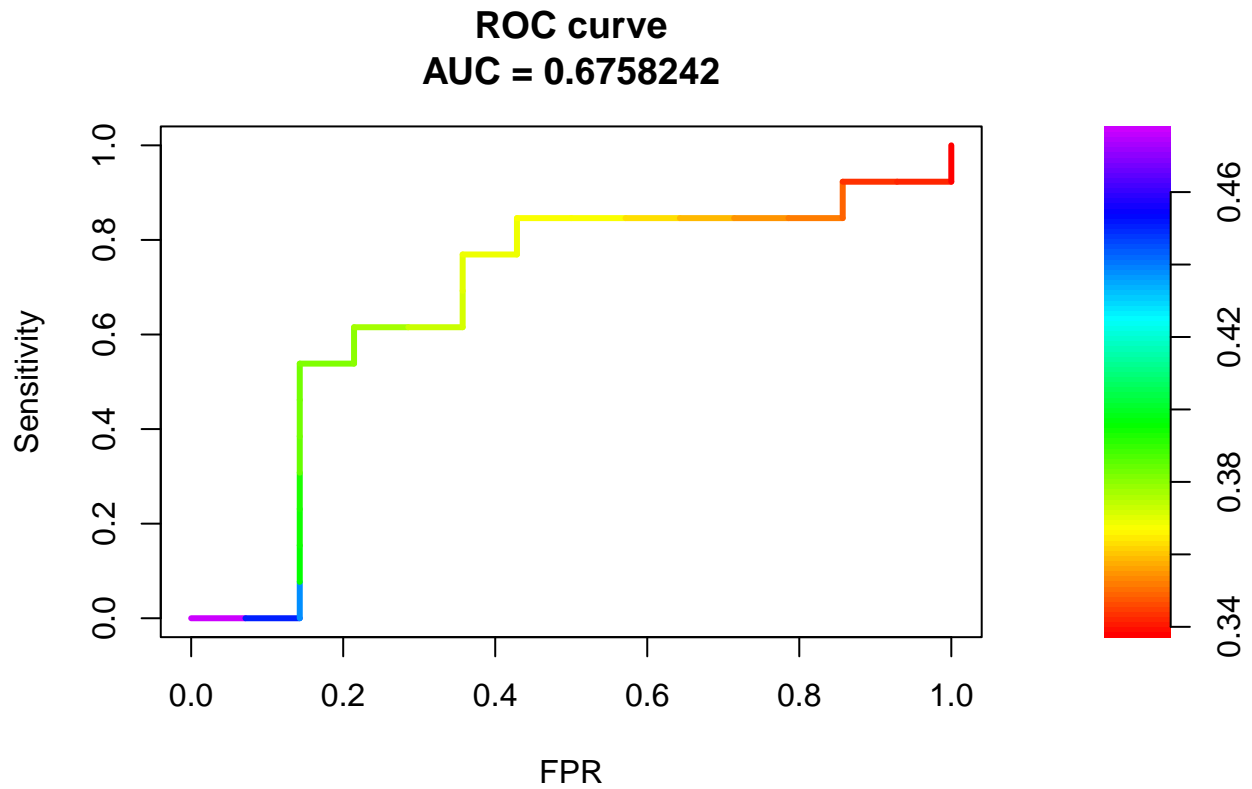
```
## Setting direction: controls < cases
```

AUC is: 0.6758242

ROC – P: 13, N: 14

Precision–Recall – P: 13, N: 14

2

ROC curve
AUC = 0.6758242


```
## AUPR is: 0.5836602

## Loading required package: ggplot2

## Loading required package: grid

## Saving 6.5 x 4.5 in image

## Warning: Use of `y$V1` is discouraged. Use `V1` instead.

## Warning: Use of `y$V2` is discouraged. Use `V2` instead.
```

PR curve
AUC = 0.5836602

AUC = 0.58

Precision

Recall