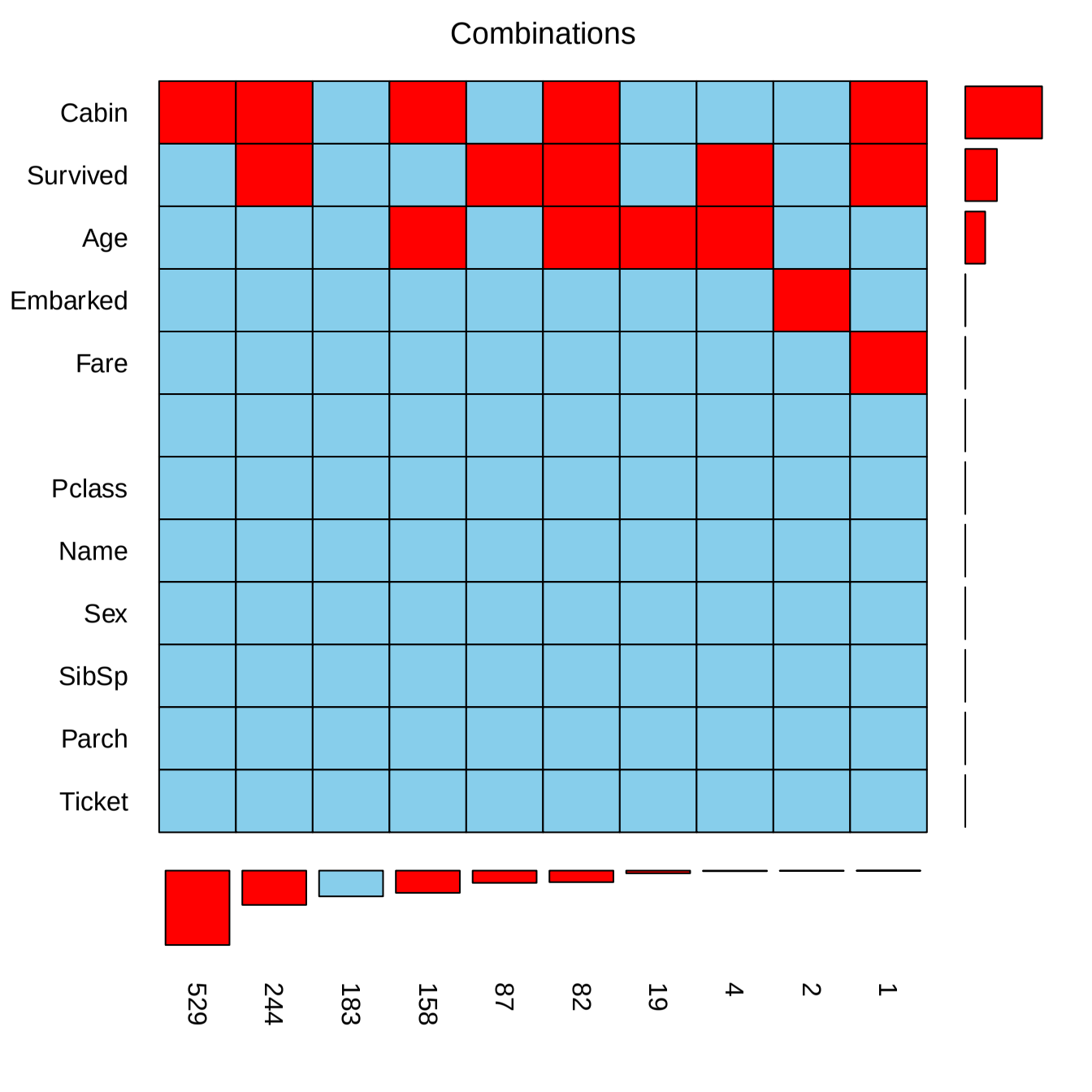
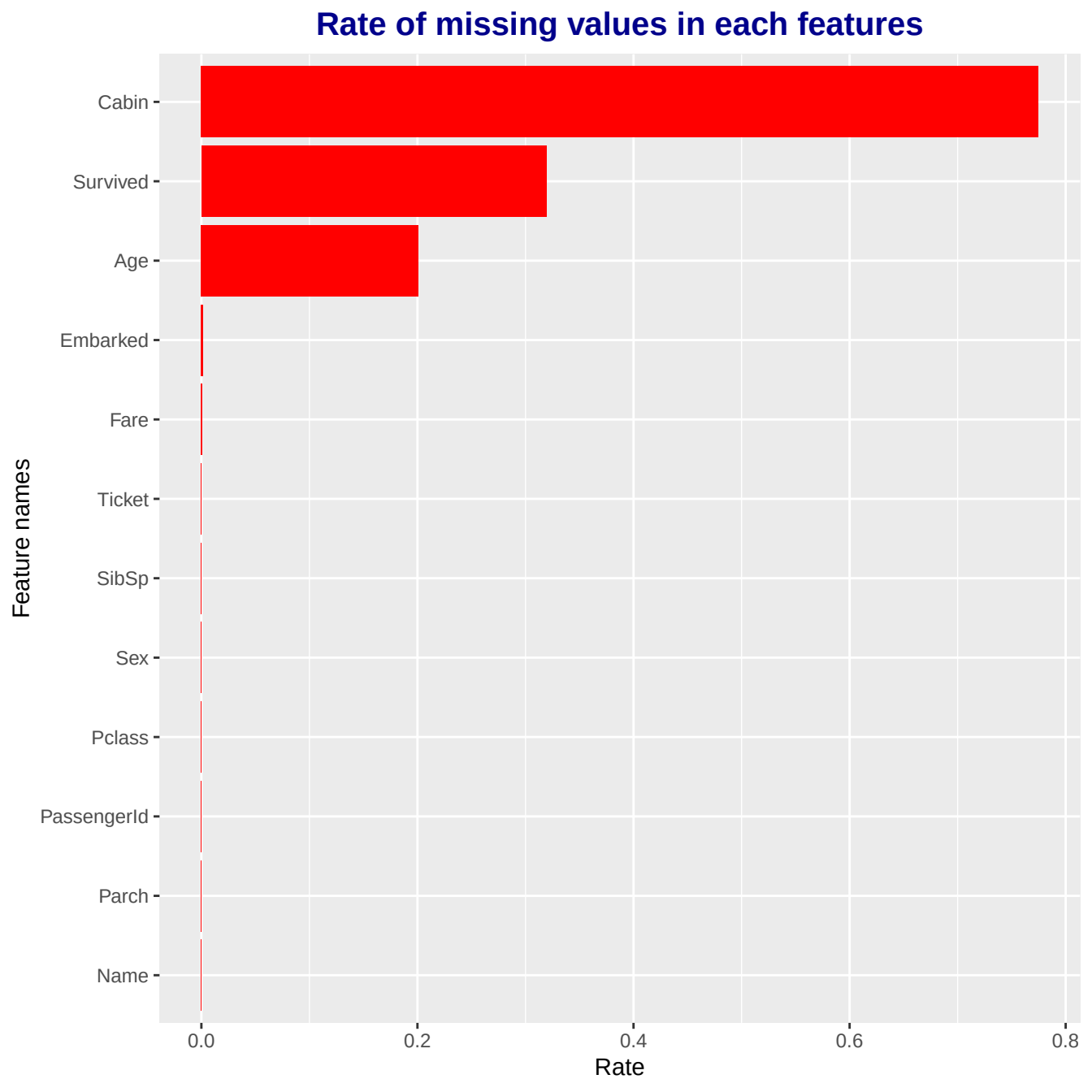
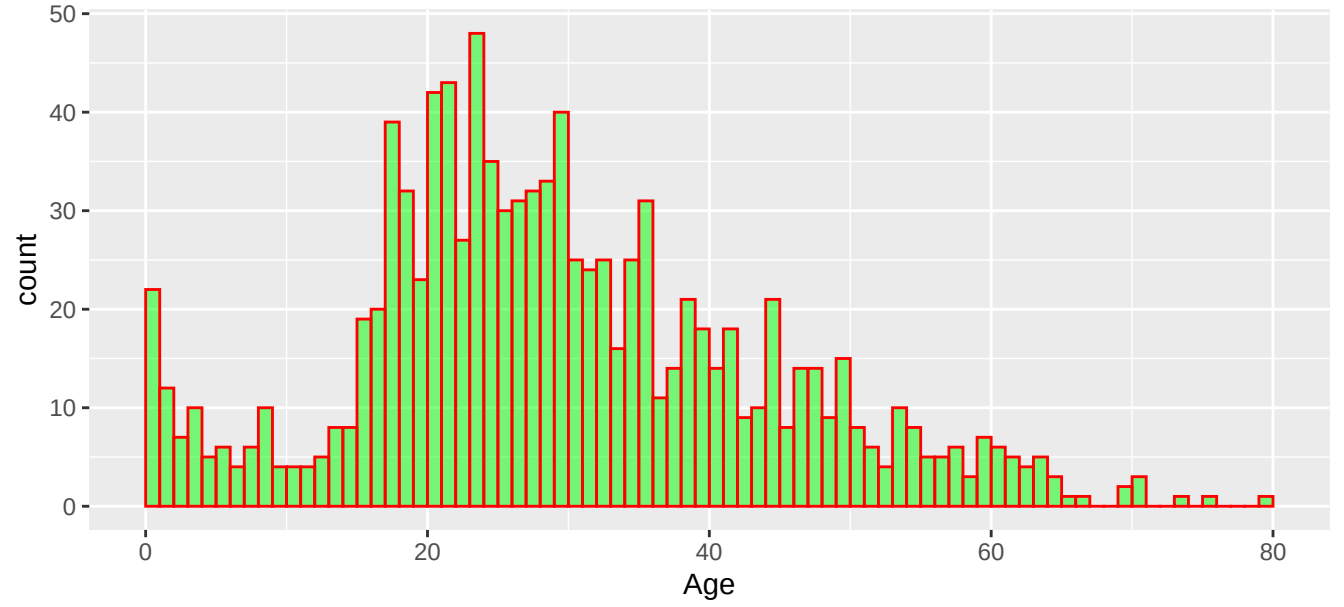
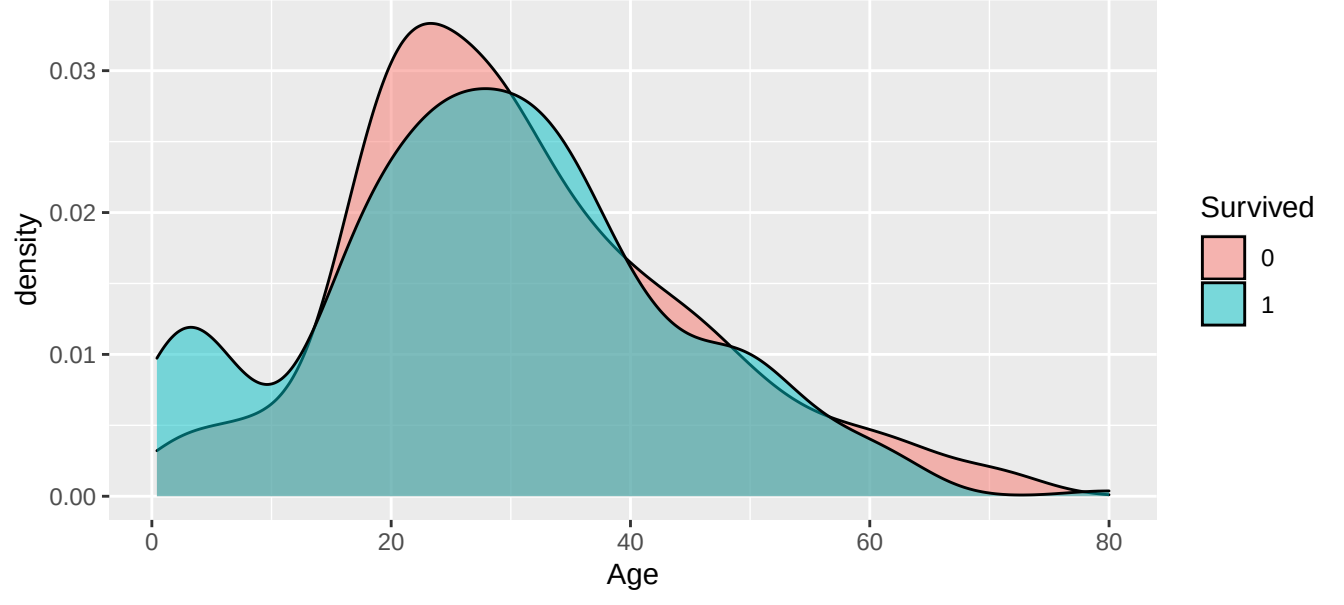

Combinations
Cabin
Survived
Age
Embarked
Fare
Pclass
Name
Sex
SibSp
Parch
Ticket
529
244
183
158
87
82
19
4
2
1

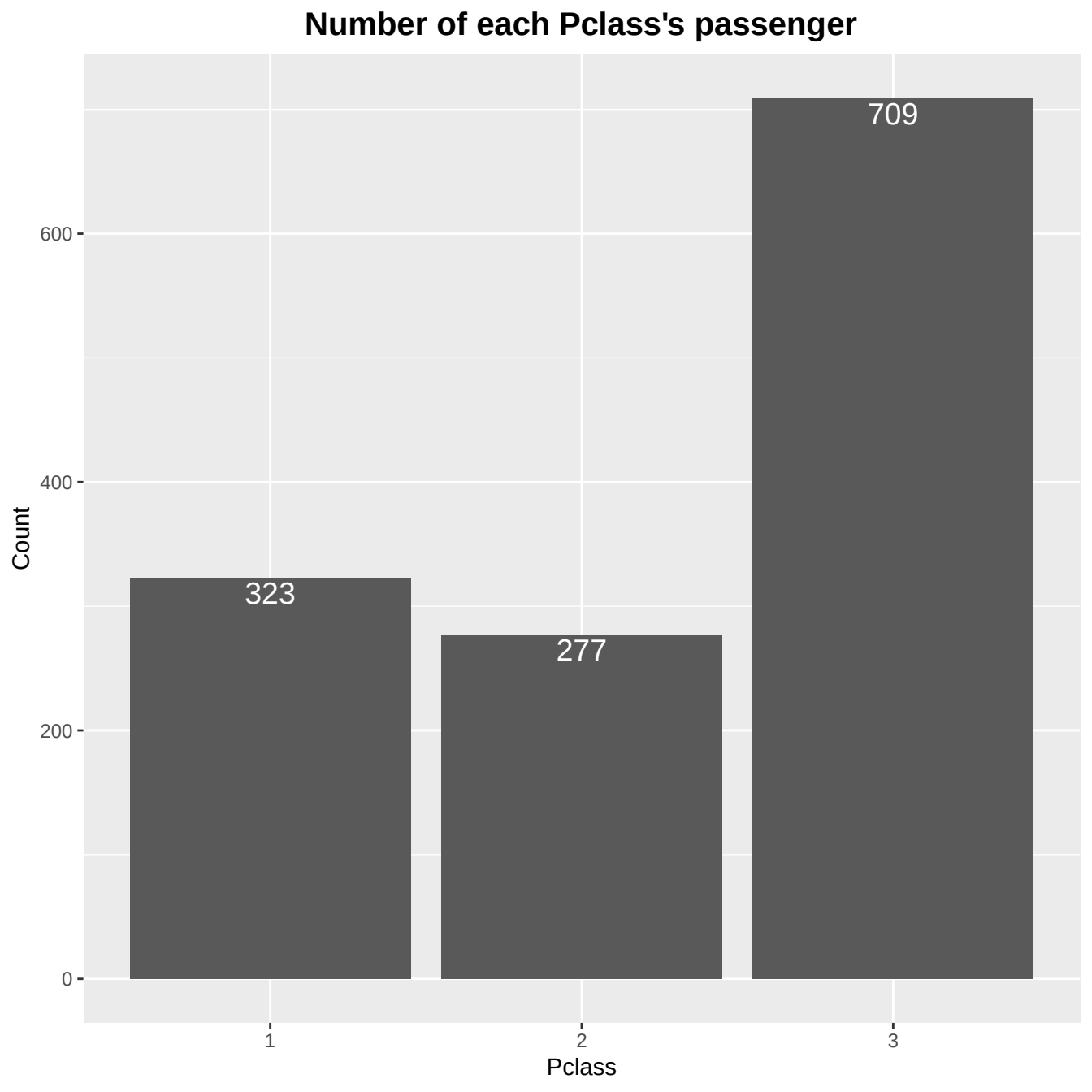

Rate of missing values in each features
Cabin
Survived
Age
Embarked
Fare
Ticket
SibSp
Sex
Pclass
PassengerId
Parch
Name
Feature names
0.0
0.2
0.4
0.6
0.8
Rate

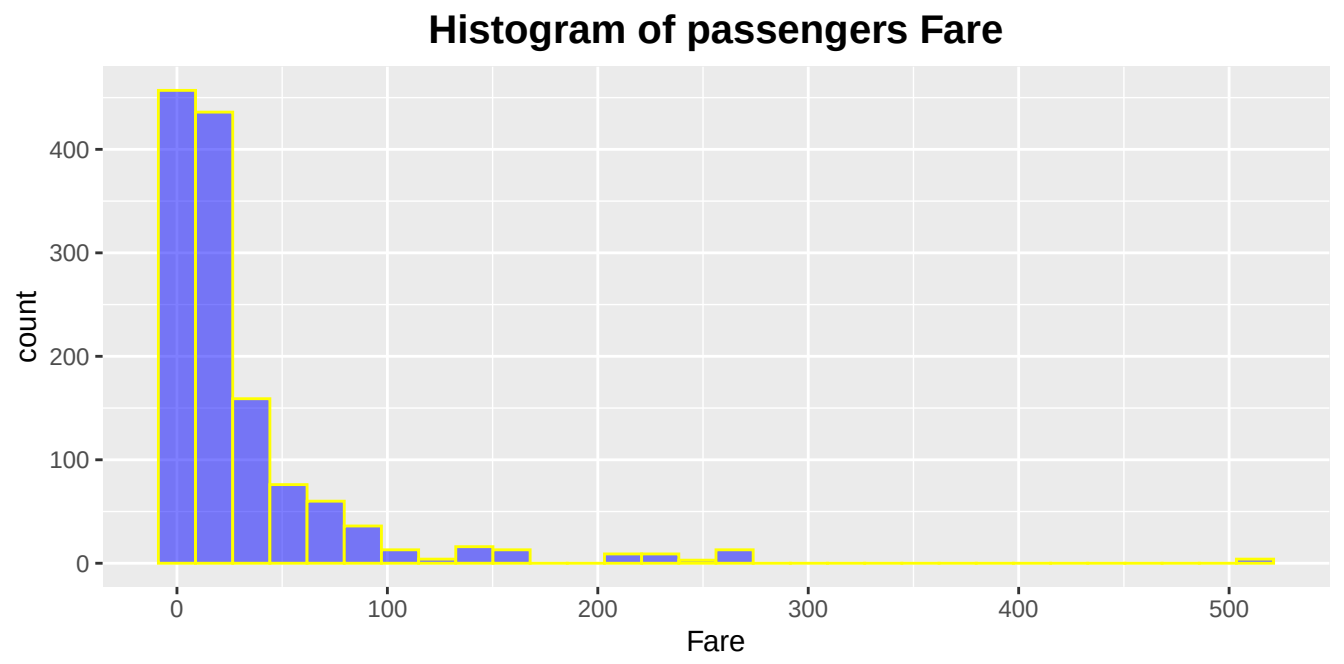
All Titanic passengers age histogram

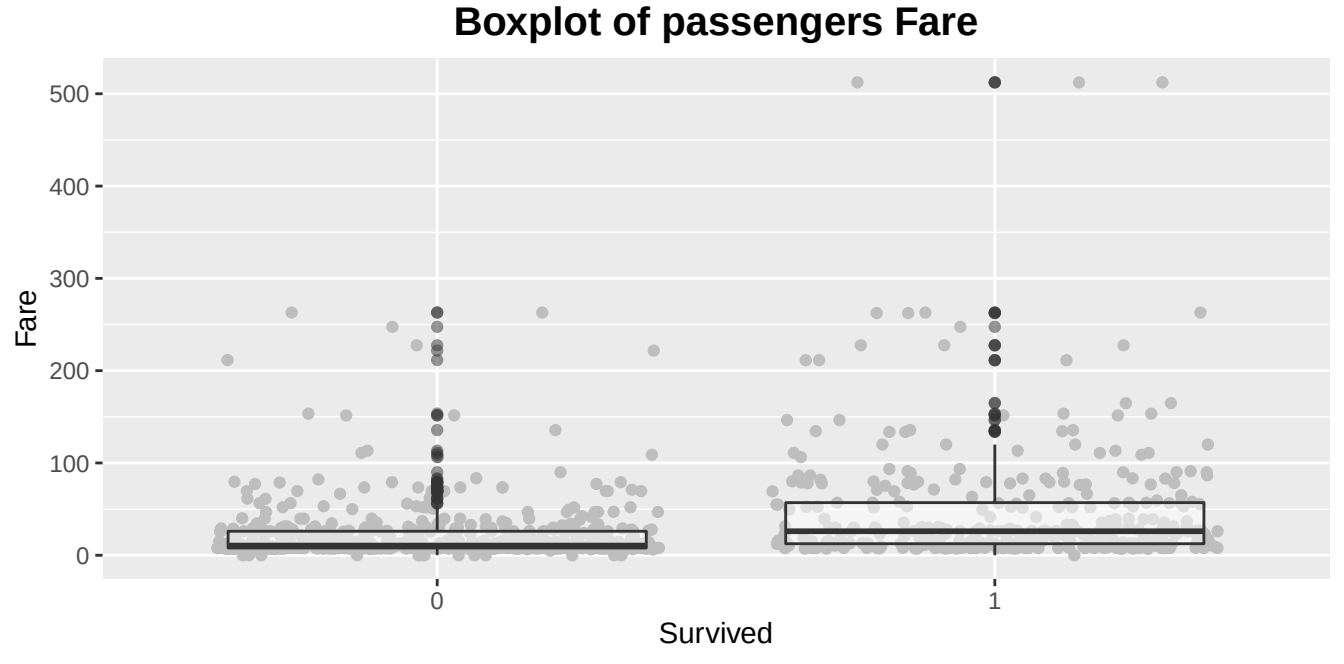


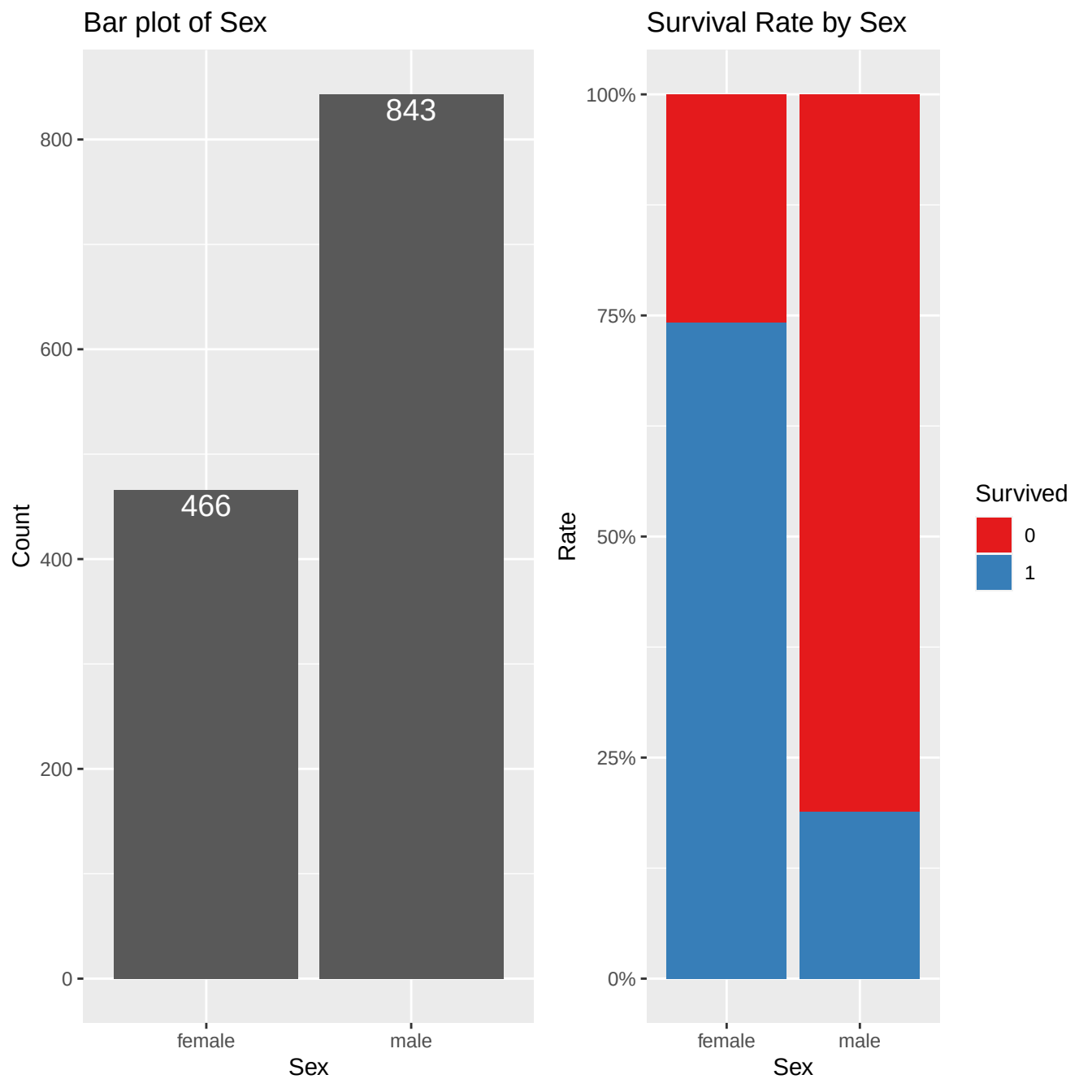
Titanic passengers age density plot

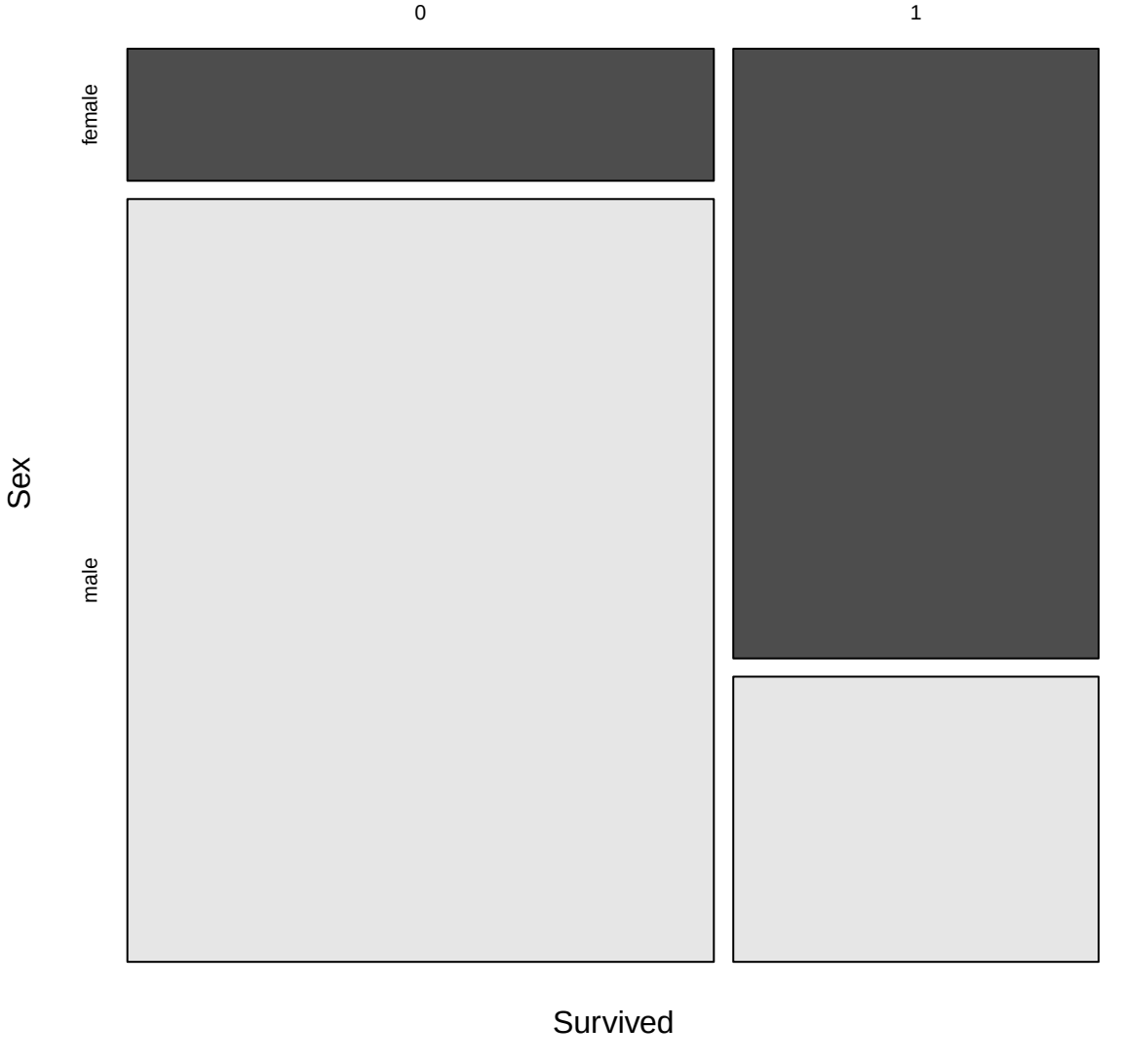


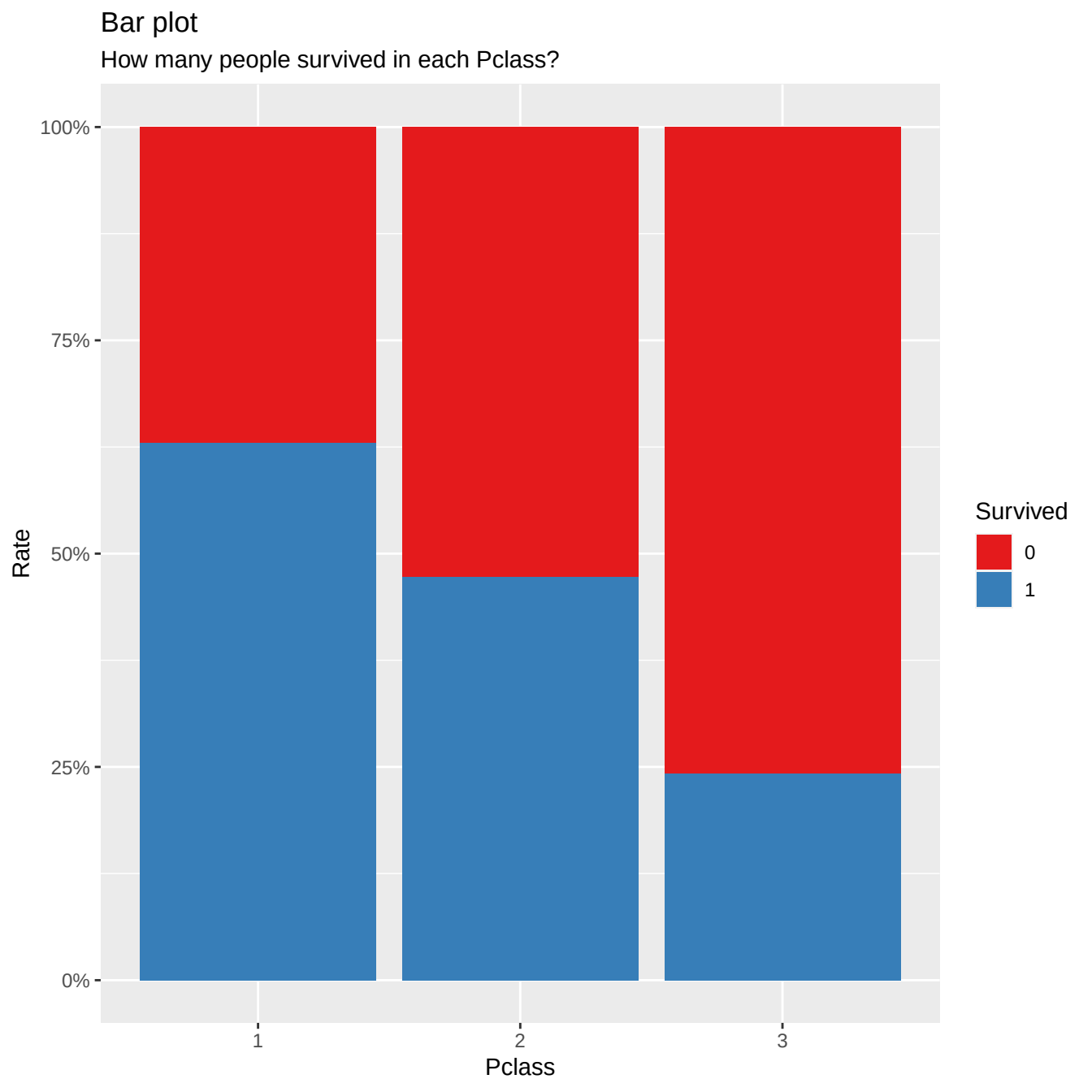

Number of each Pclass's passenger
709
323
277
600
400
200
0
Count
1
2
3
Pclass

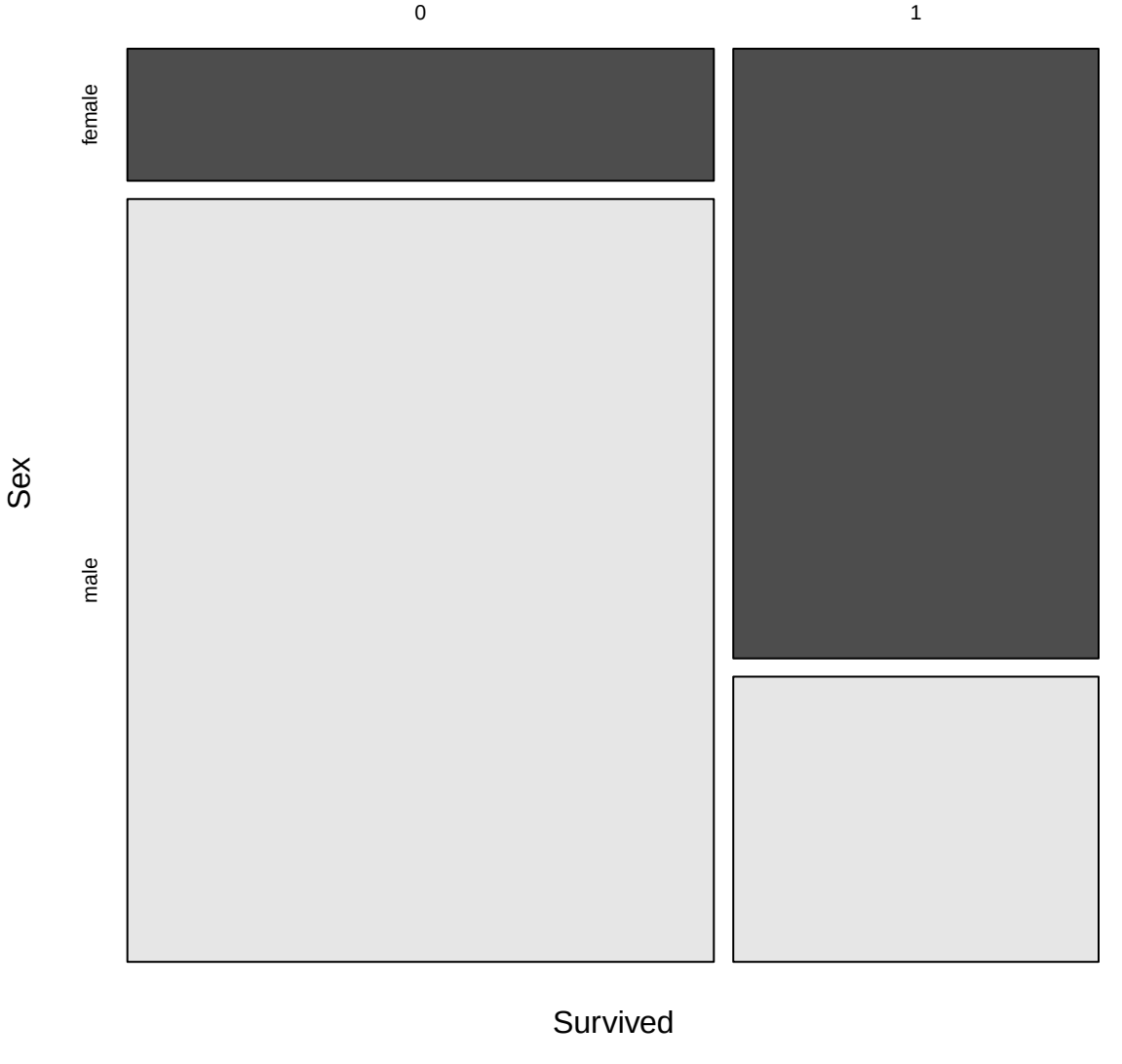

Histogram of passengers Fare
count
Fare
0
100
200
300
400
500

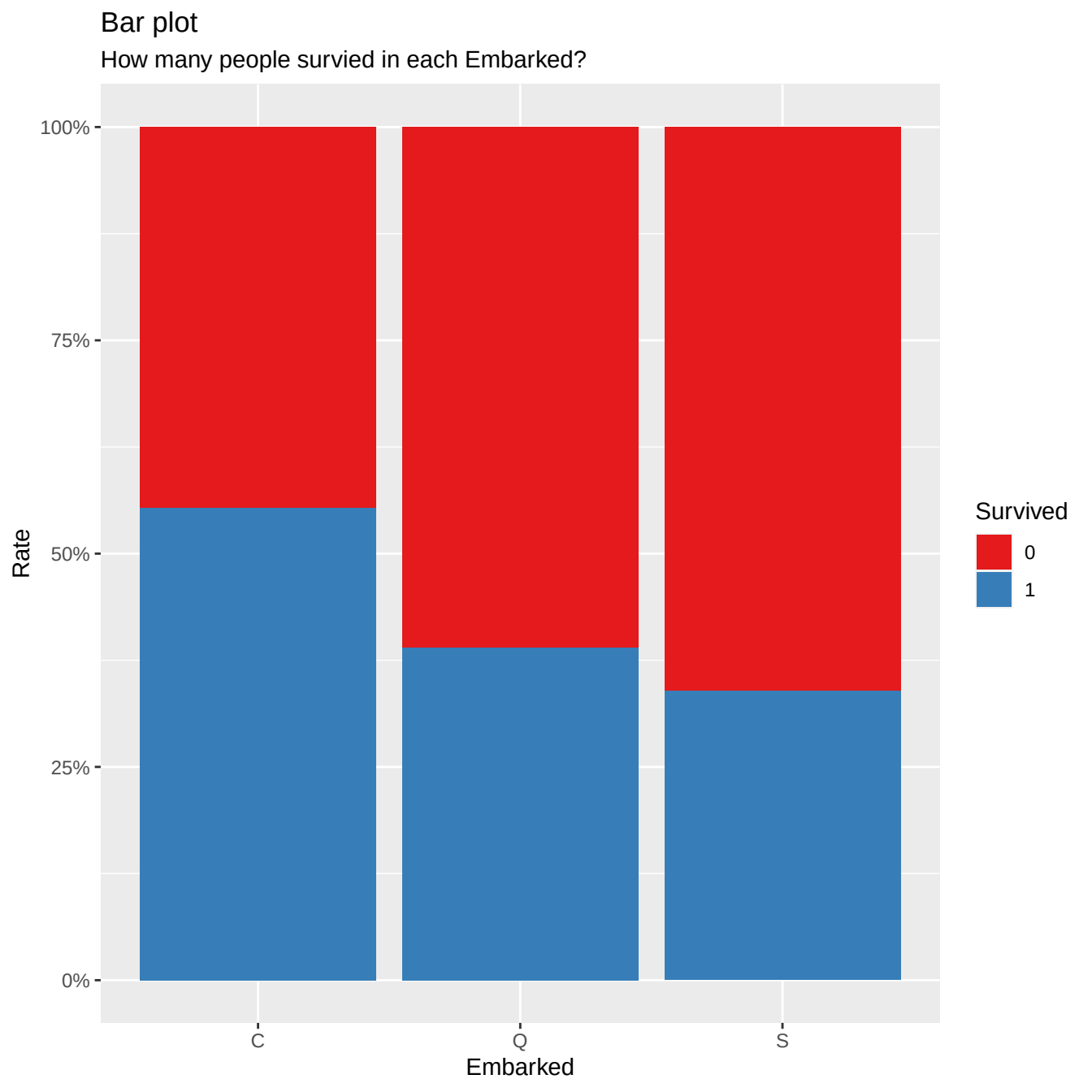

Boxplot of passengers Fare
Fare
Survived
0
1

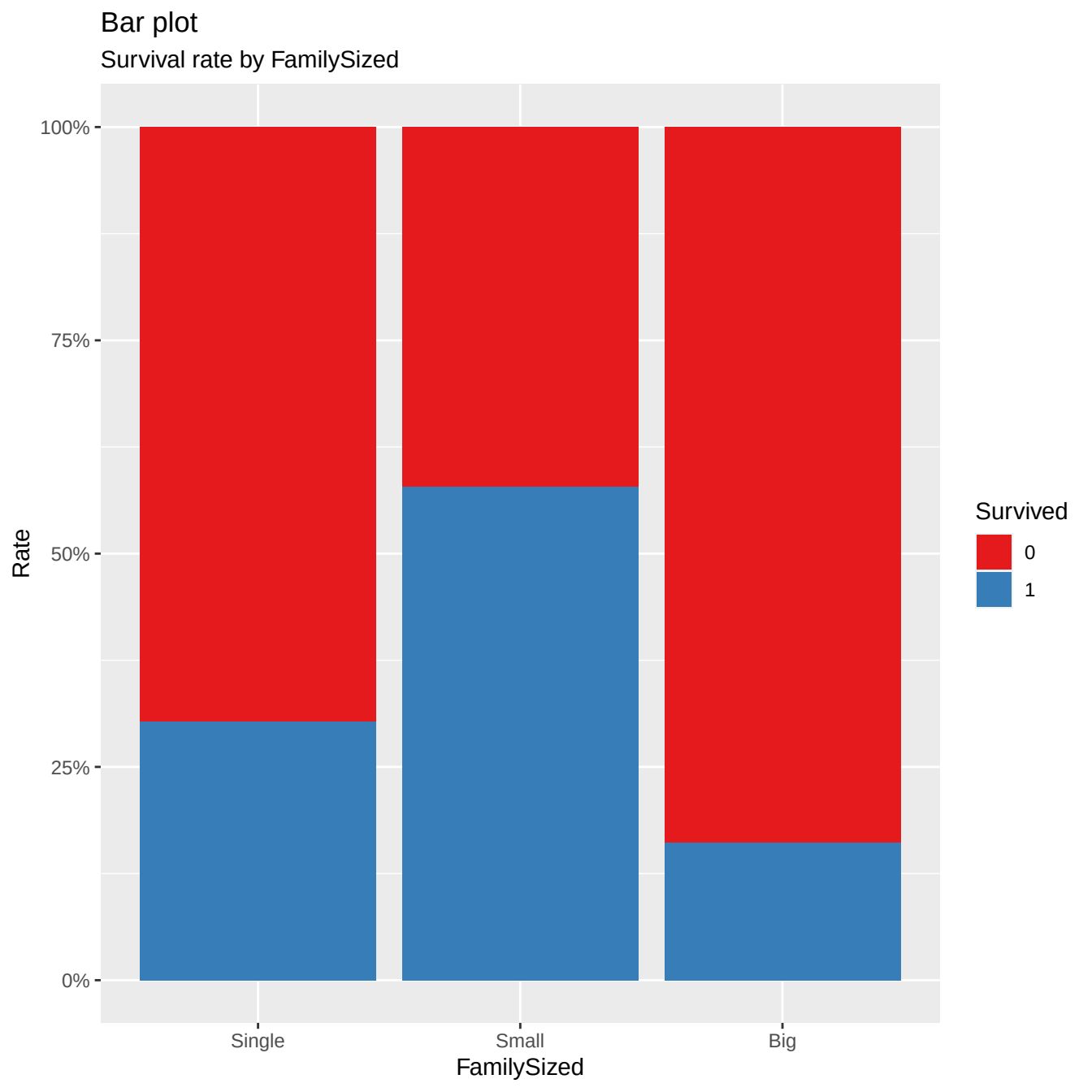

Bar plot of Sex
Count
800
600
400
200
0
466
843
female
male
Sex
Survival Rate by Sex
Rate
100%
75%
50%
25%
0%
female
male
Sex
Survived
0
1

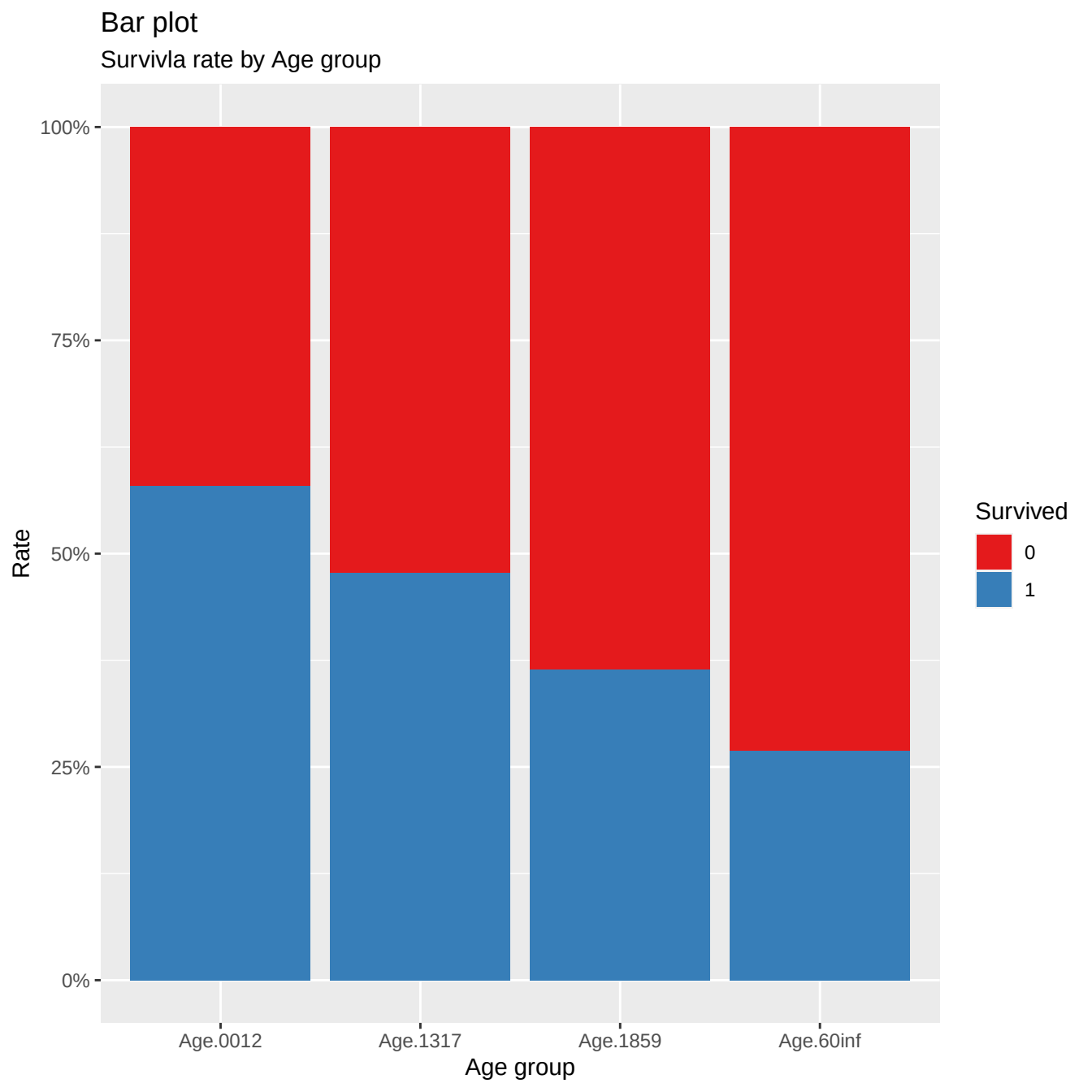

Survival rate by passengers gender
0
1
female
male
Sex
Survived

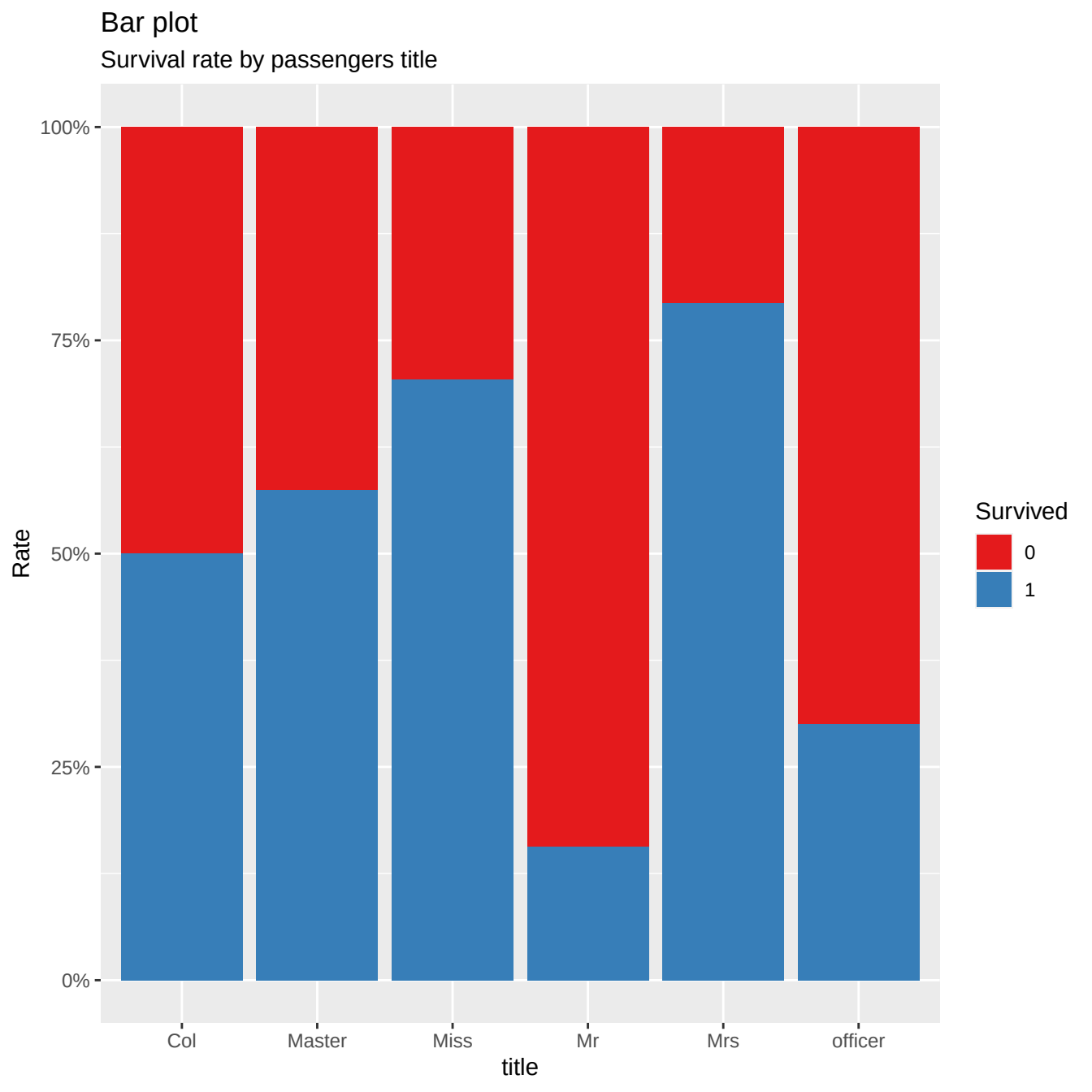

Bar plot
How many people survived in each Pclass?
100%
75%
50%
25%
0%
Rate
1
2
3
Pclass
Survived
0
1

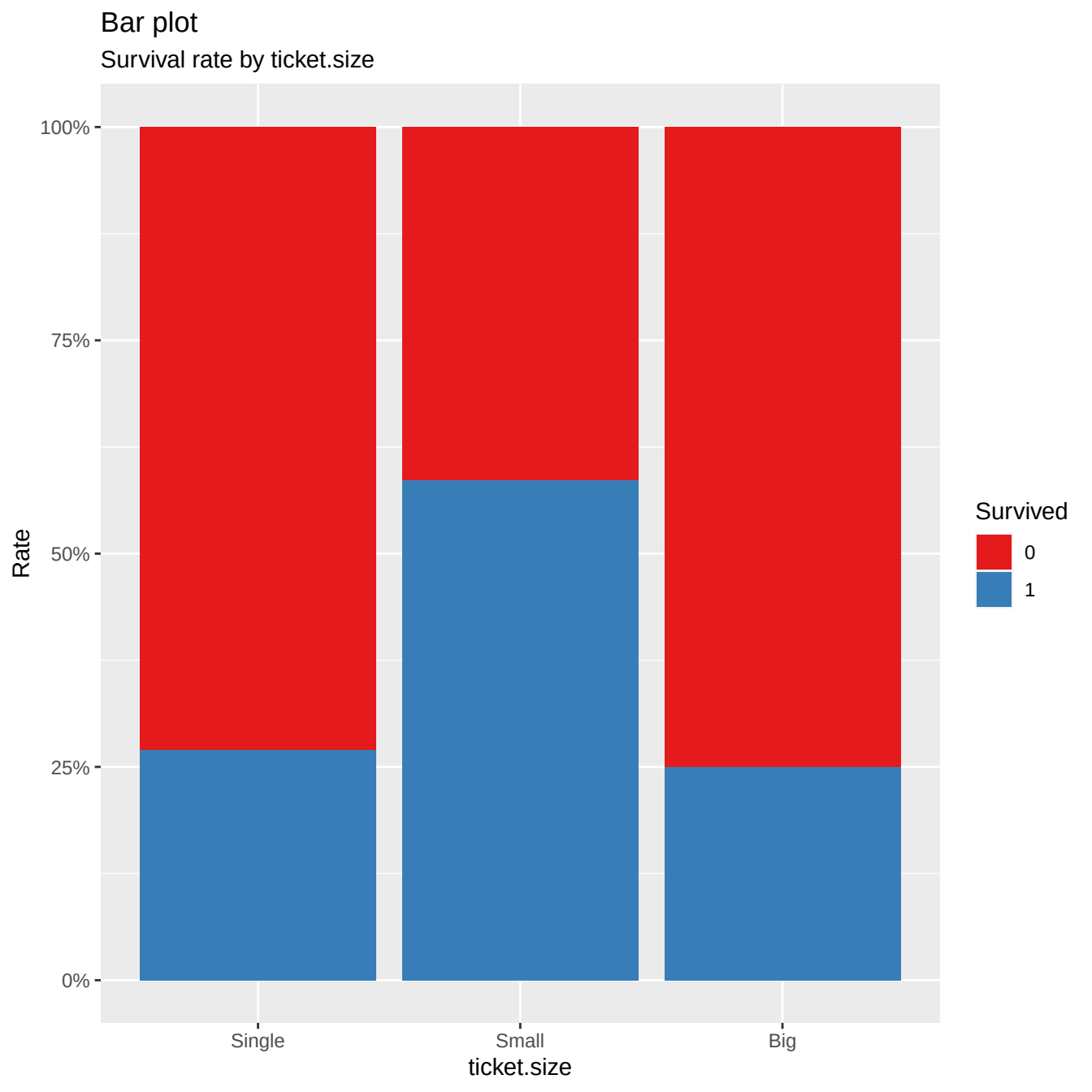

Survival rate by passengers gender
0
1
female
male
Sex
Survived

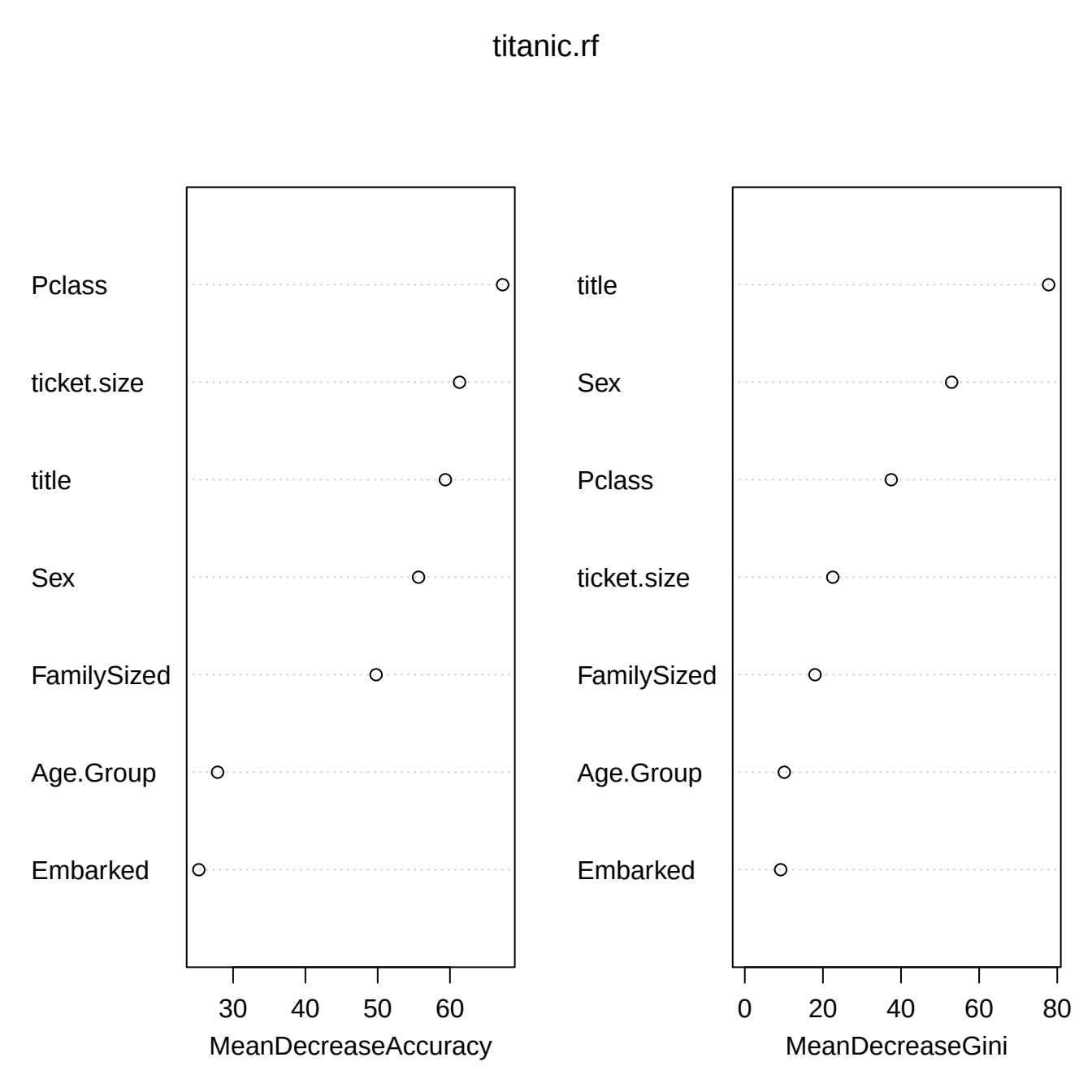

Bar plot
How many people survied in each Embarked?
100%
75%
50%
25%
0%
Rate
C
Q
S
Embarked
Survived
0
1


Bar plot
Survival rate by FamilySized
100%
75%
50%
25%
0%
Rate
Single
Small
Big
FamilySized
Survived
0
1


Bar plot
Survivla rate by Age group
100%
75%
50%
25%
0%
Rate
Age.0012
Age.1317
Age.1859
Age.60inf
Age group
Survived
0
1


Bar plot
Survival rate by passengers title
100%
75%
50%
25%
0%
Rate
Col
Master
Miss
Mr
Mrs
officer
title
Survived
0
1


Bar plot
Survival rate by ticket.size
100%
75%
50%
25%
0%
Rate
Single
Small
Big
ticket.size
Survived
0
1


titanic.rf
Pclass
ticket.size
title
Sex
FamilySized
Age.Group
Embarked
30
40
50
60
MeanDecreaseAccuracy
title
Sex
Pclass
ticket.size
FamilySized
Age.Group
Embarked
0
20
40
60
80
MeanDecreaseGini