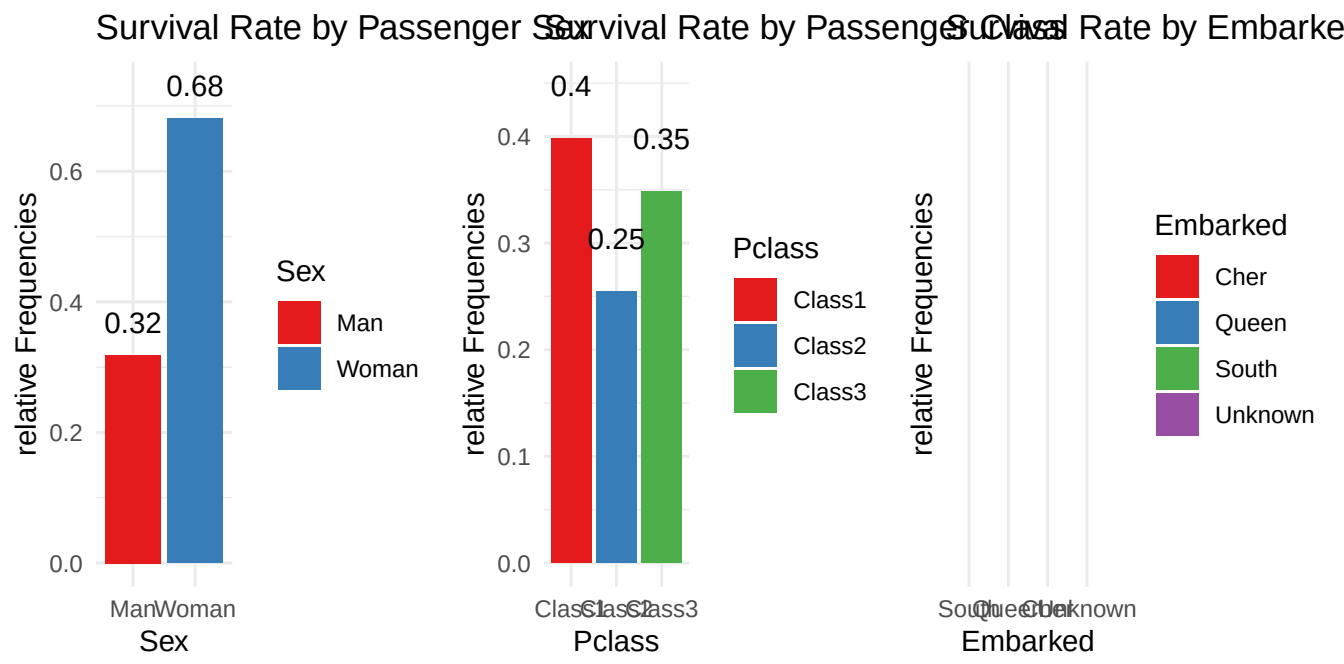
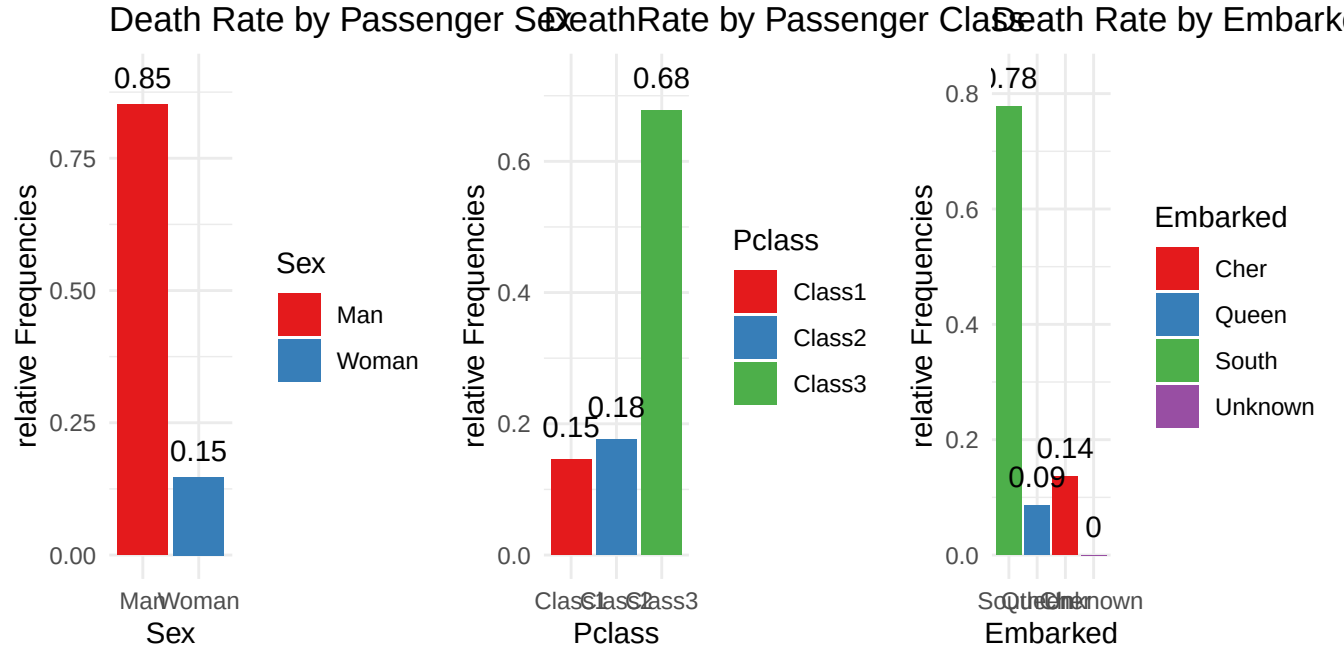
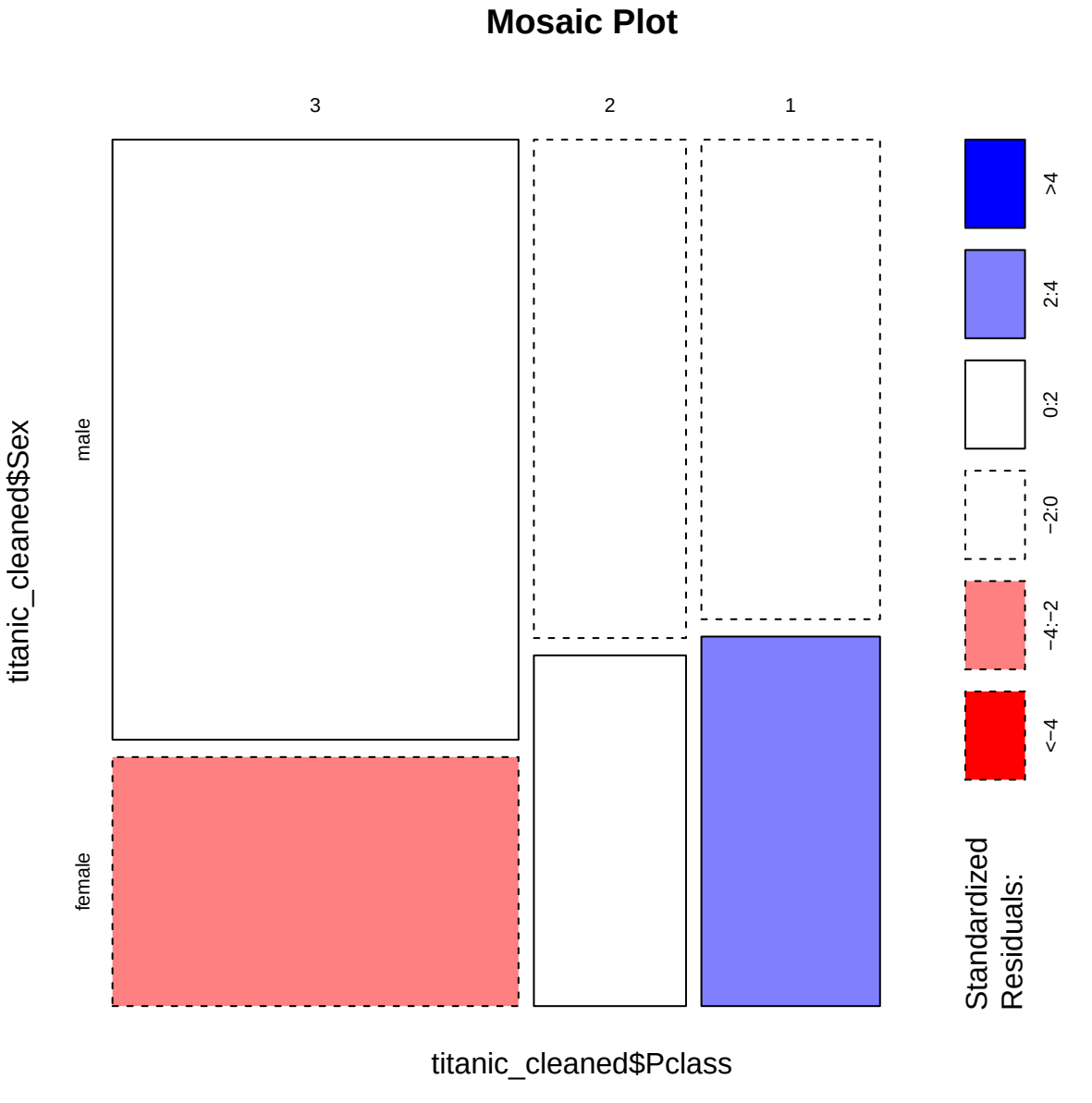
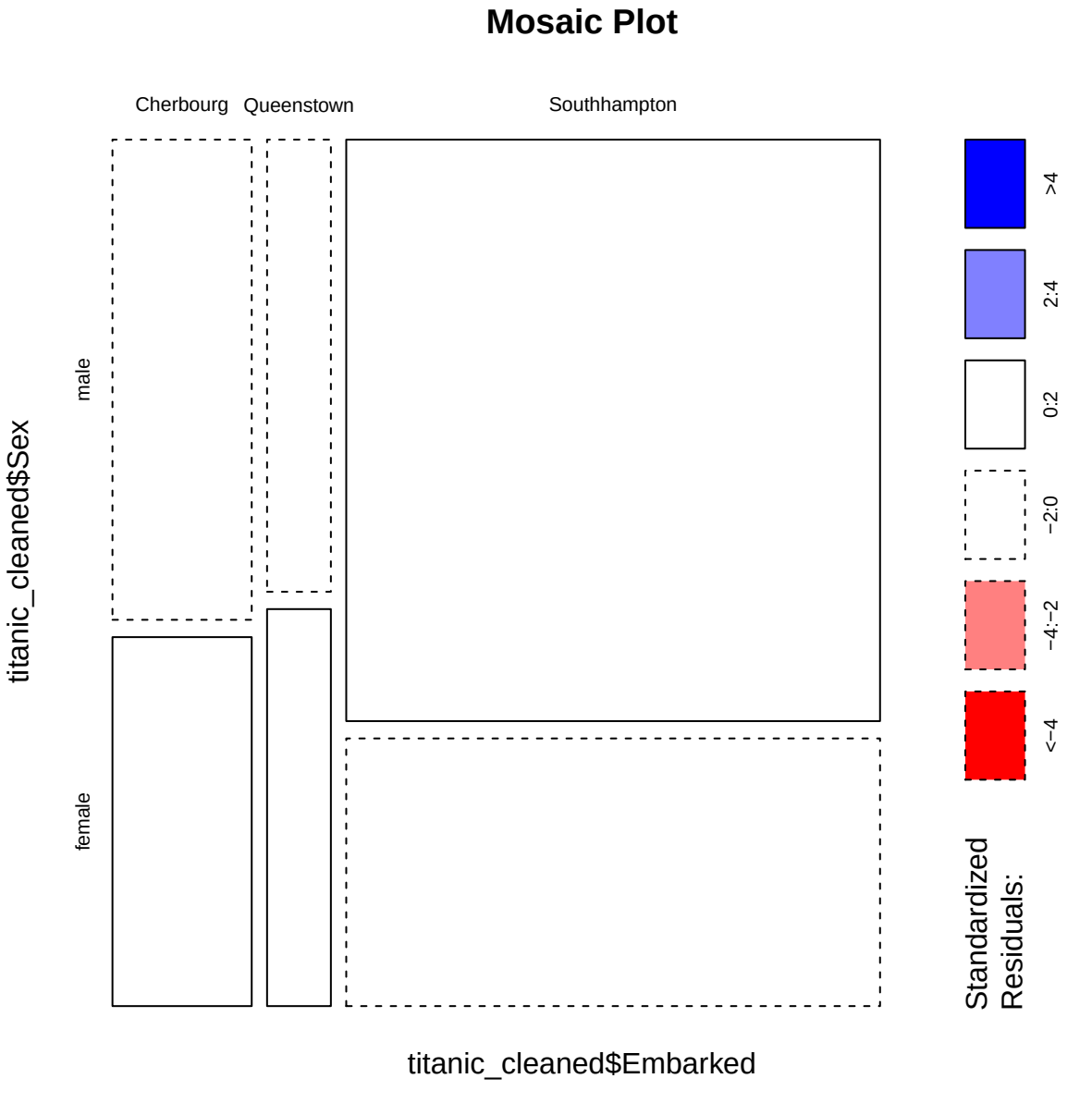
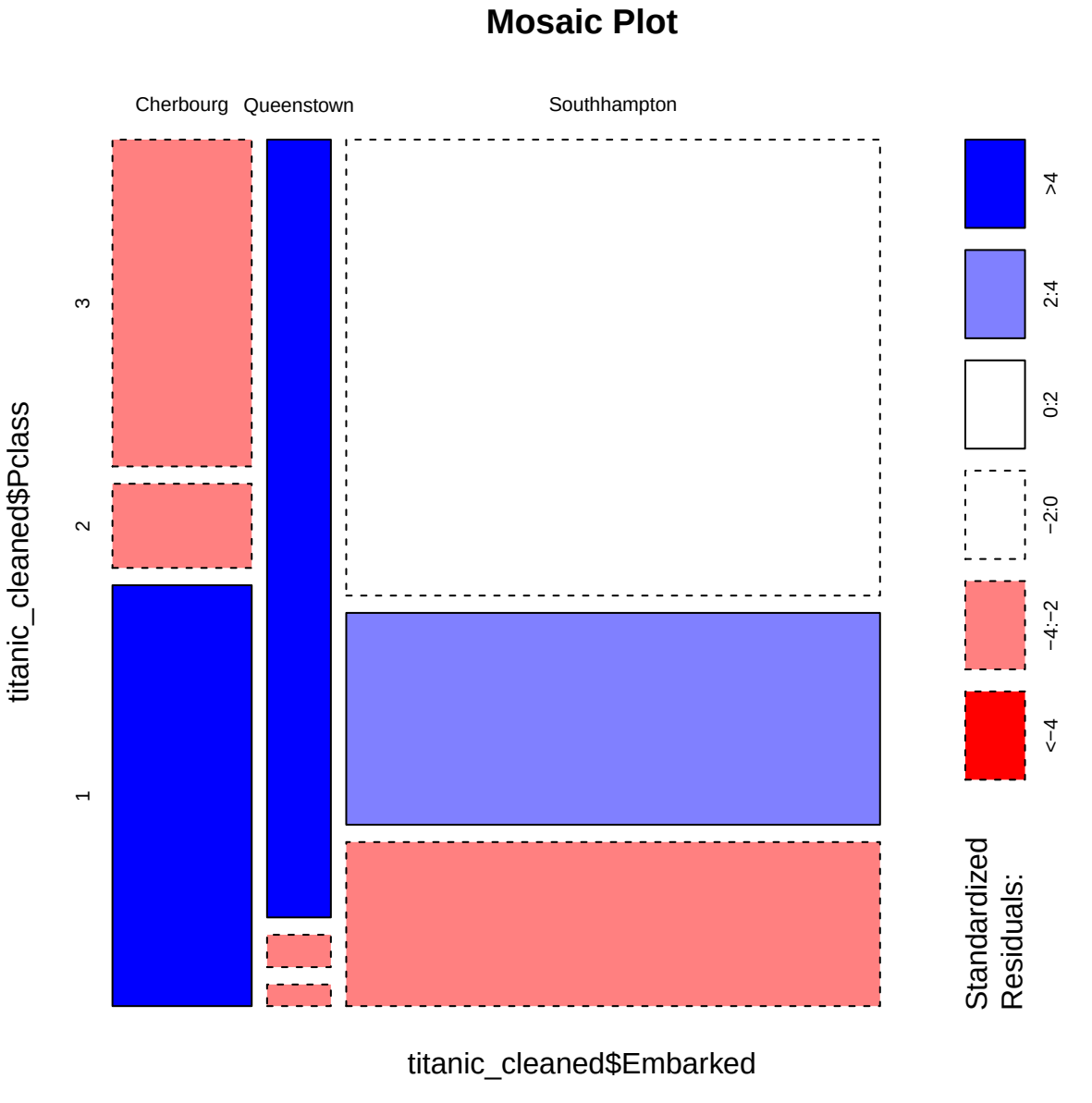
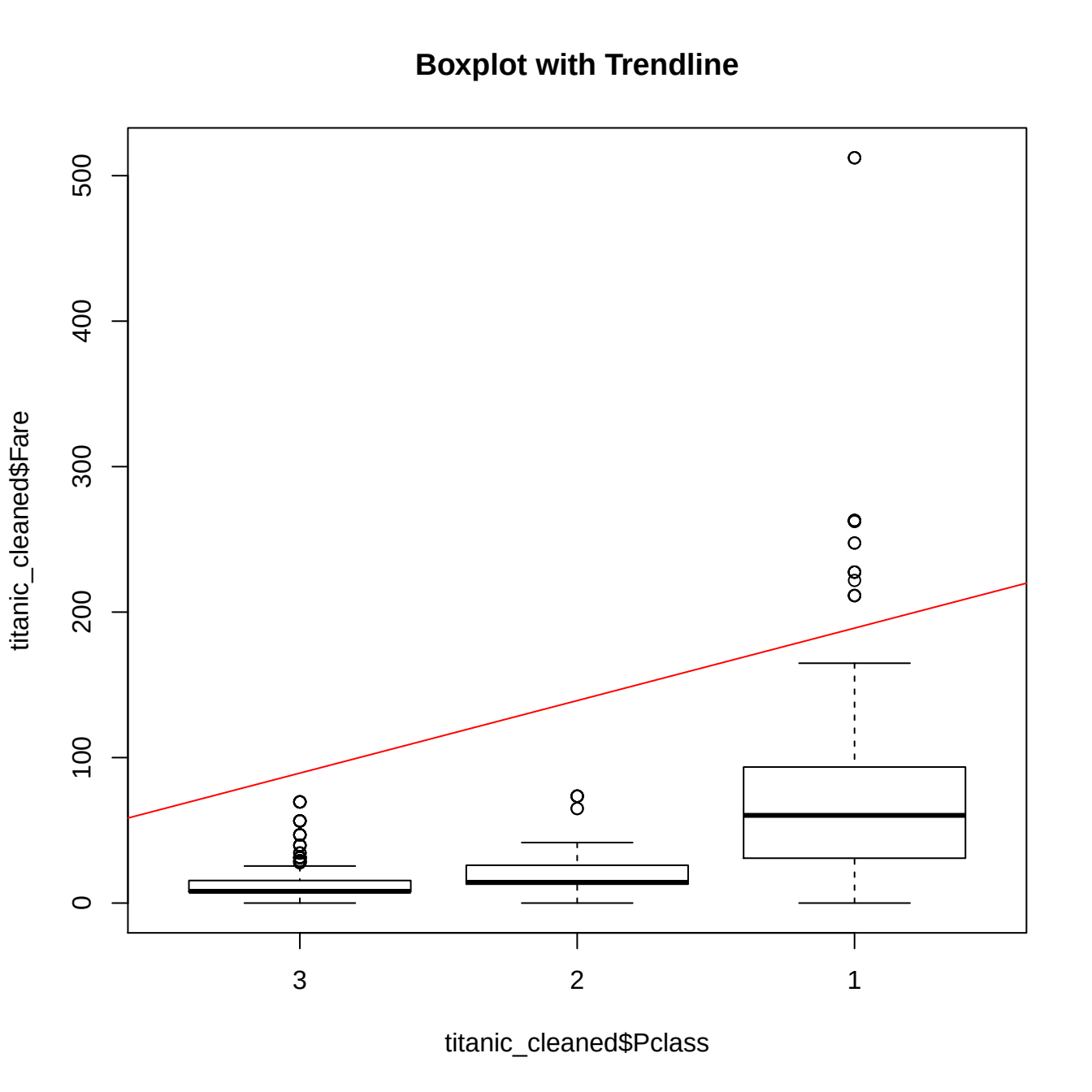

Survival Rate by Passenger Sex
0.68
0.32
relative Frequencies
0.0
0.2
0.4
0.6
Man
Woman
Sex
Sex
Man
Woman
Survival Rate by Passenger Class
0.4
0.35
0.25
0.0
0.1
0.2
0.3
0.4
Class1
Class2
Class3
Pclass
Pclass
Class1
Class2
Class3
Survival Rate by Embarked
Embarked
Cher
Queen
South
Unknown

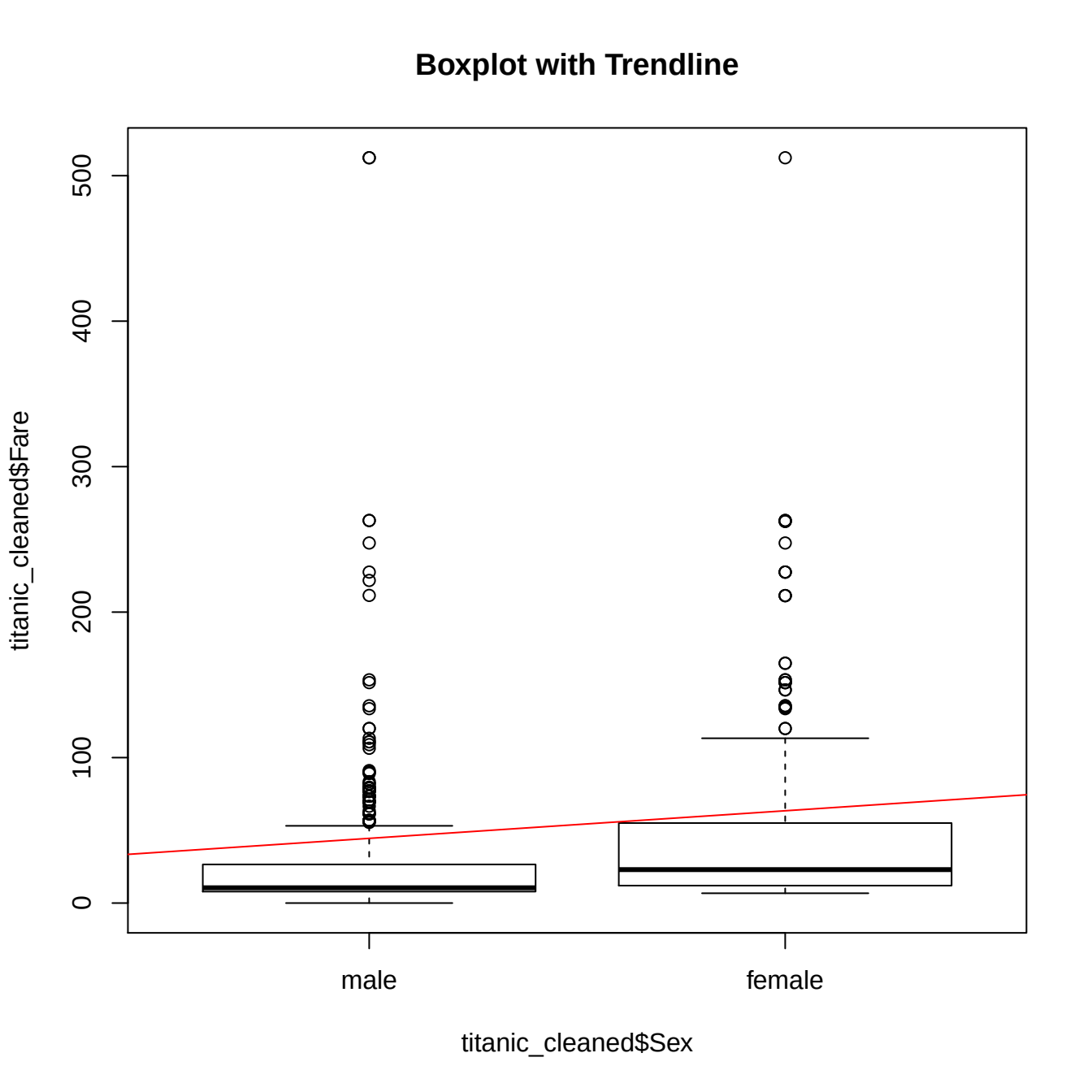

Death Rate by Passenger Sex
0.85
0.15
relative Frequencies
0.00
0.25
0.50
0.75
Man
Woman
Sex
Sex
Man
Woman
Death Rate by Passenger Class
0.68
0.18
0.15
0.0
0.2
0.4
0.6
Class1
Class2
Class3
Pclass
Pclass
Class1
Class2
Class3
Death Rate by Embarked
0.78
0.14
0.09
0
0.0
0.2
0.4
0.6
0.8
Cher
Queen
South
Unknown
Embarked
Embarked
Cher
Queen
South
Unknown

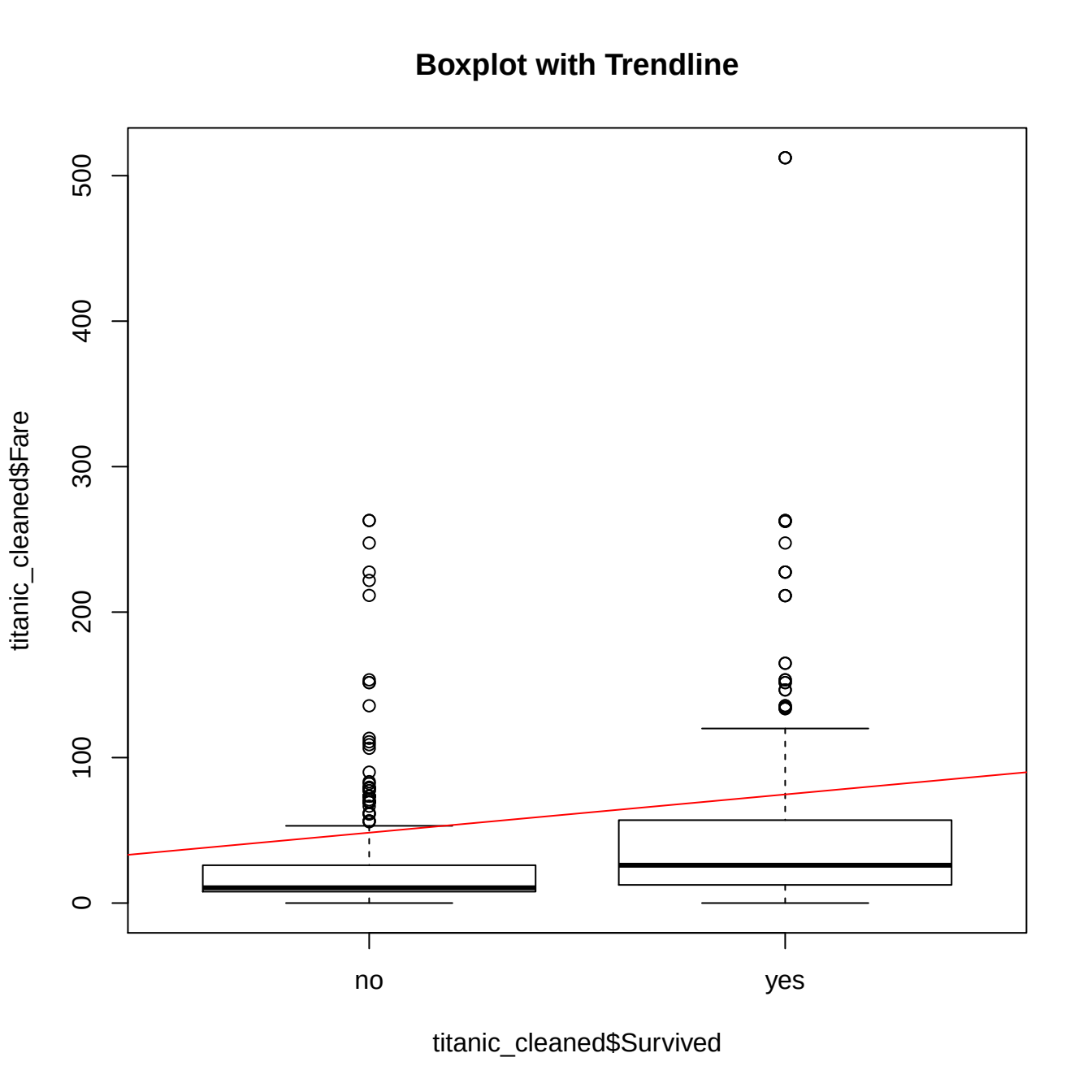

Mosaic Plot
3
2
1
titanic_cleaned$Sex
male
female
titanic_cleaned$Pclass
Standardized Residuals:
>4
2:4
0:2
−2:0
−4:−2
<−4


Mosaic Plot
Cherbourg
Queenstown
Southhampton
male
female
titanic_cleaned$Sex
titanic_cleaned$Embarked
Standardized Residuals:
<−4
−4:−2
−2:0
0:2
2:4
>4


Mosaic Plot
Cherbourg
Queenstown
Southhampton
titanic_cleaned$Pclass
1
2
3
titanic_cleaned$Embarked
Standardized Residuals:
<−4
−4:−2
−2:0
0:2
2:4
>4


Boxplot with Trendline
titanic_cleaned$Fare
0
100
200
300
400
500
3
2
1
titanic_cleaned$Pclass


Boxplot with Trendline
titanic_cleaned$Fare
0
100
200
300
400
500
male
female
titanic_cleaned$Sex


Boxplot with Trendline
titanic_cleaned$Fare
0
100
200
300
400
500
no
yes
titanic_cleaned$Survived