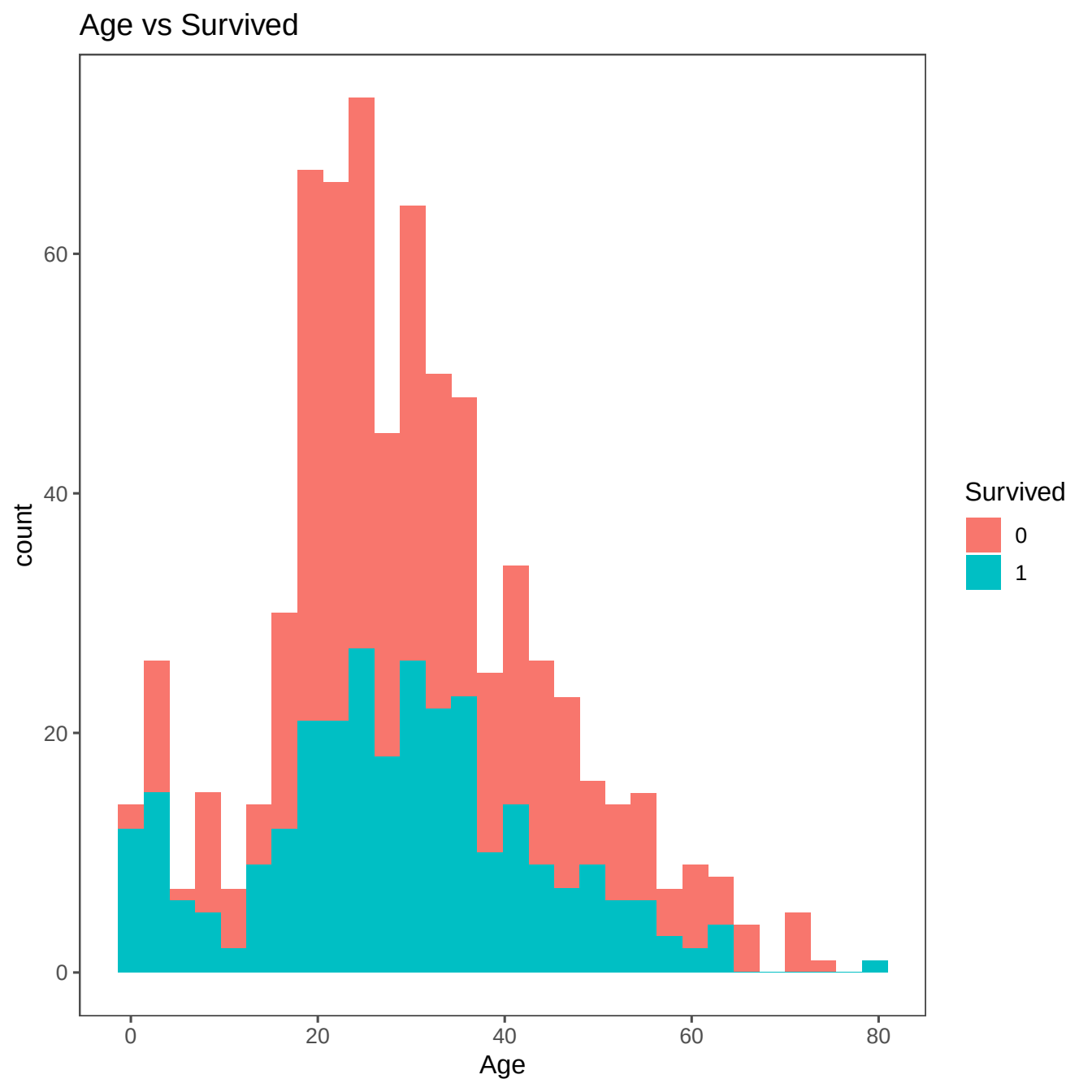
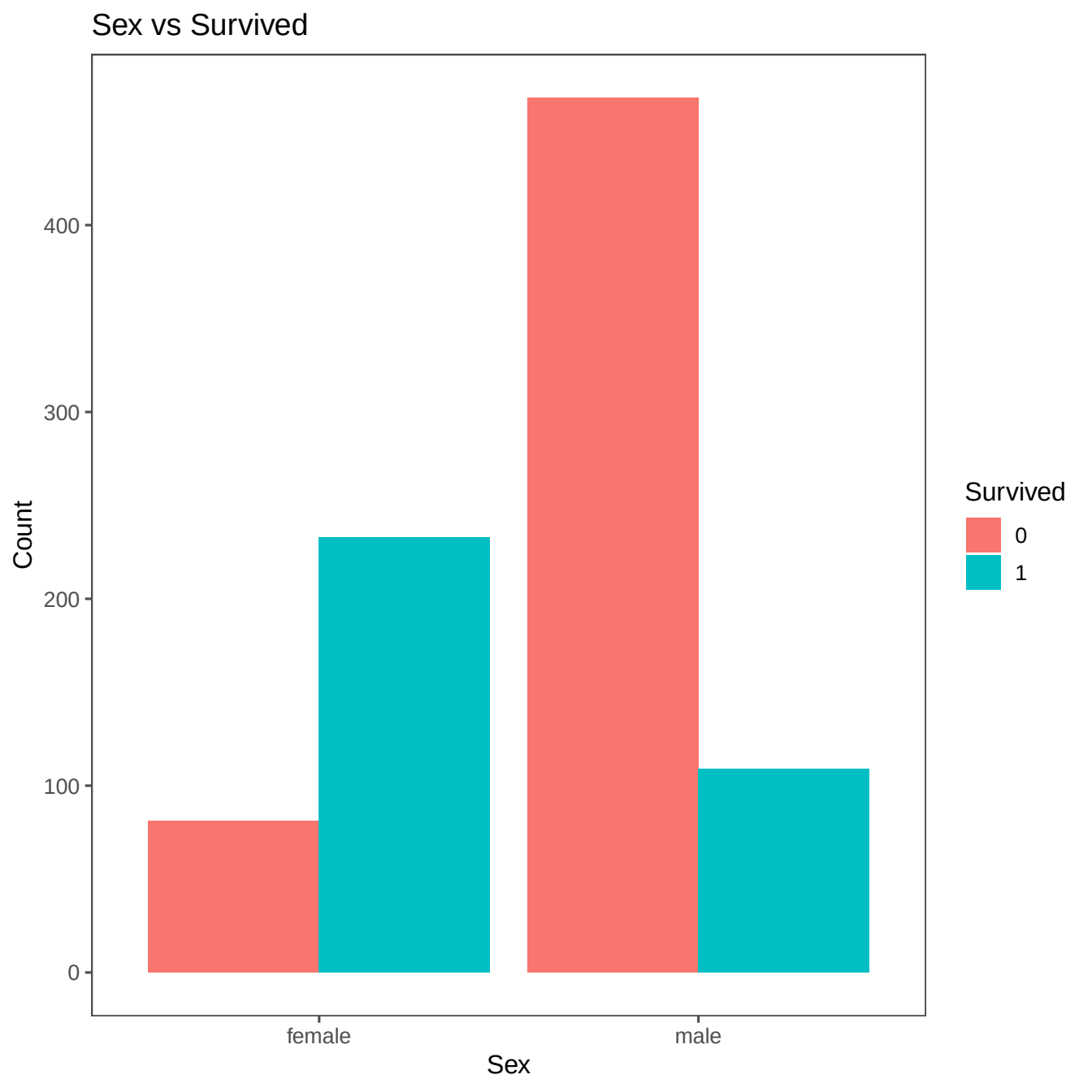
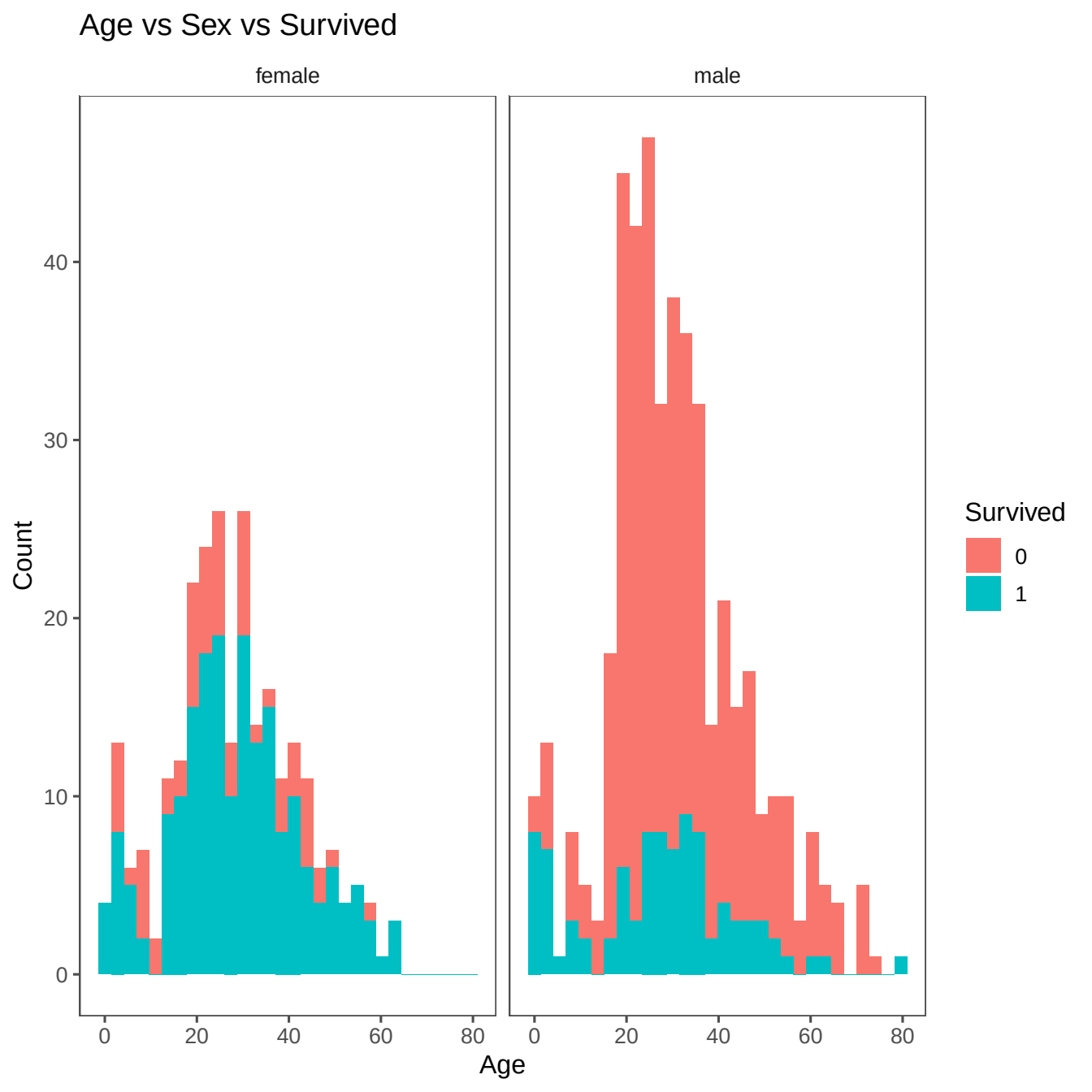
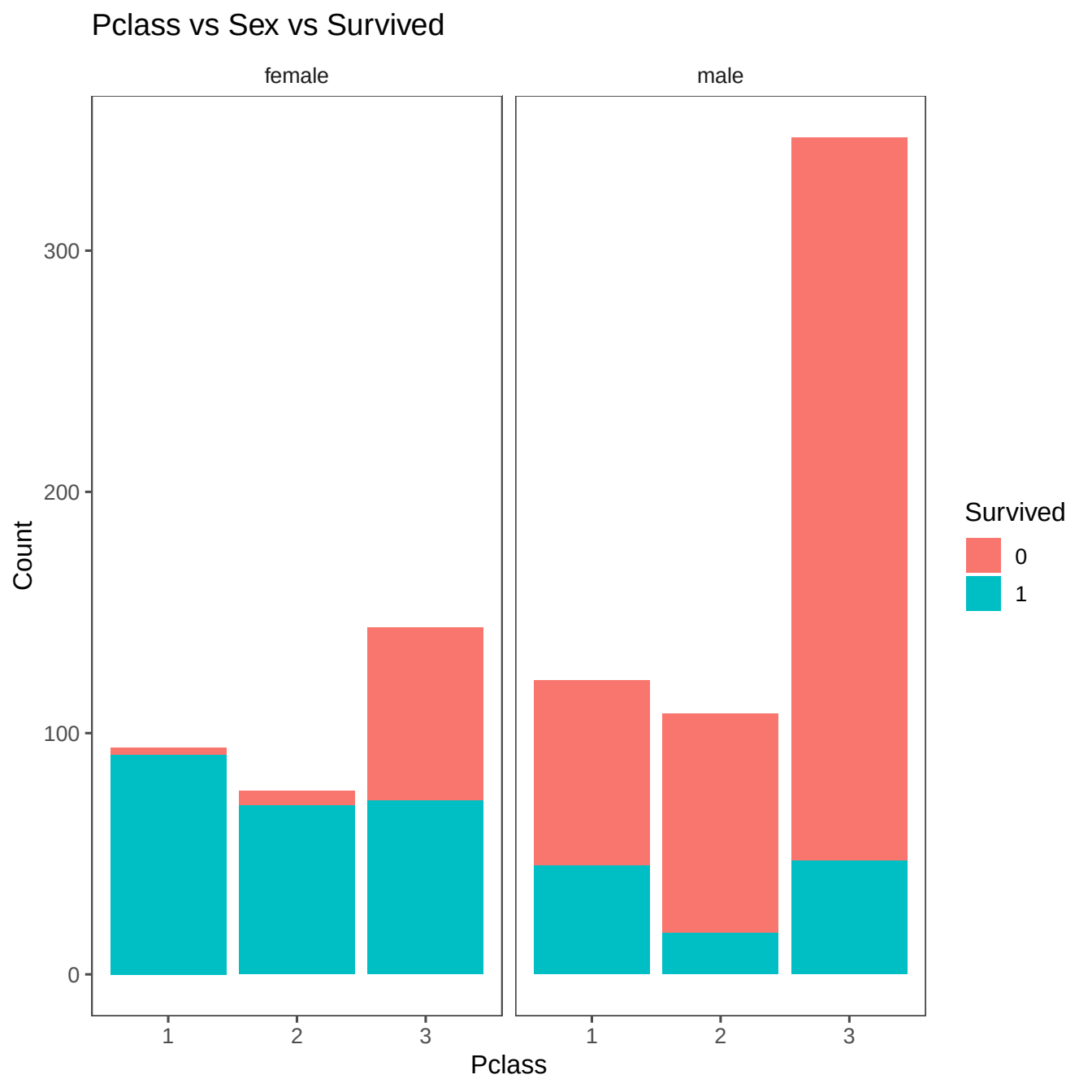
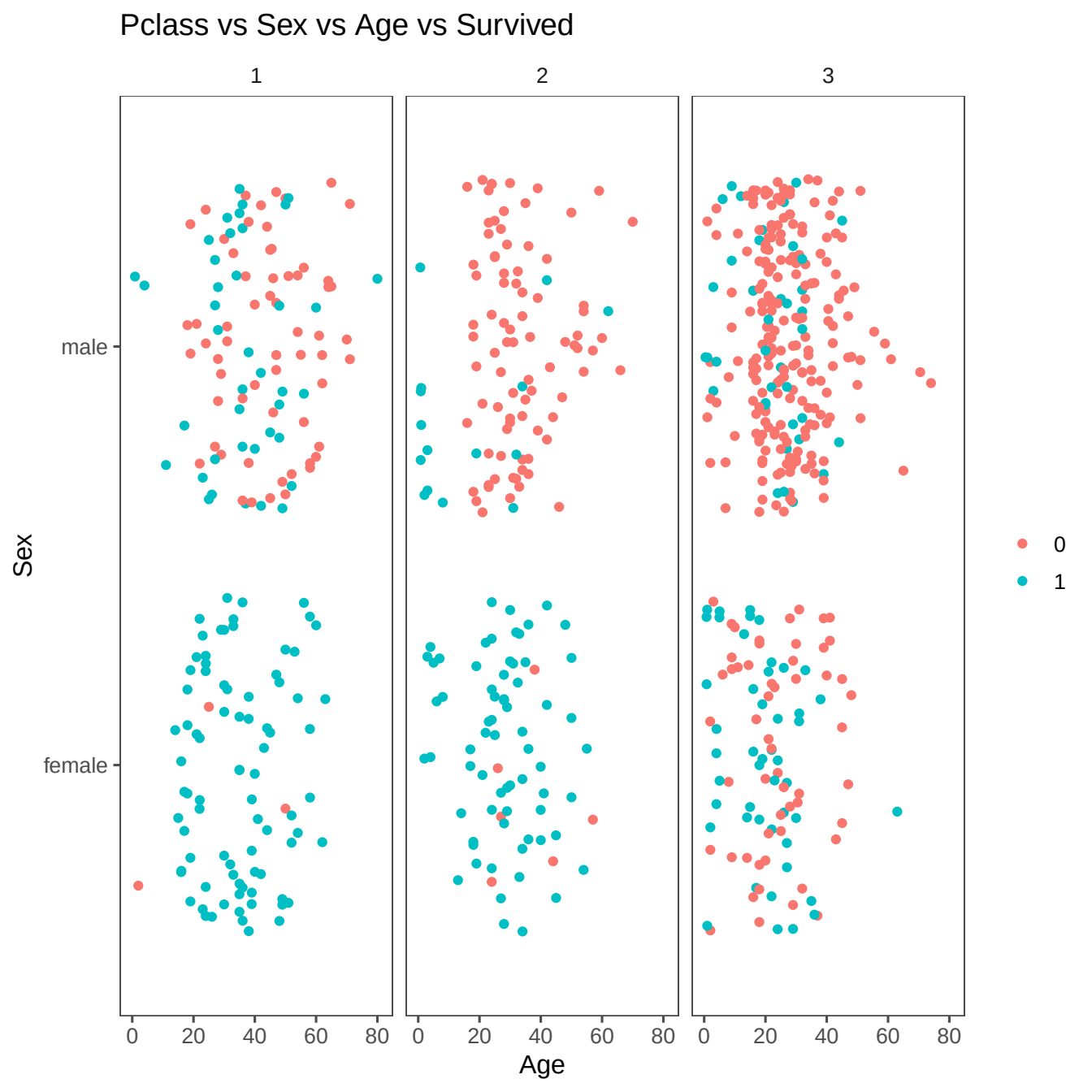
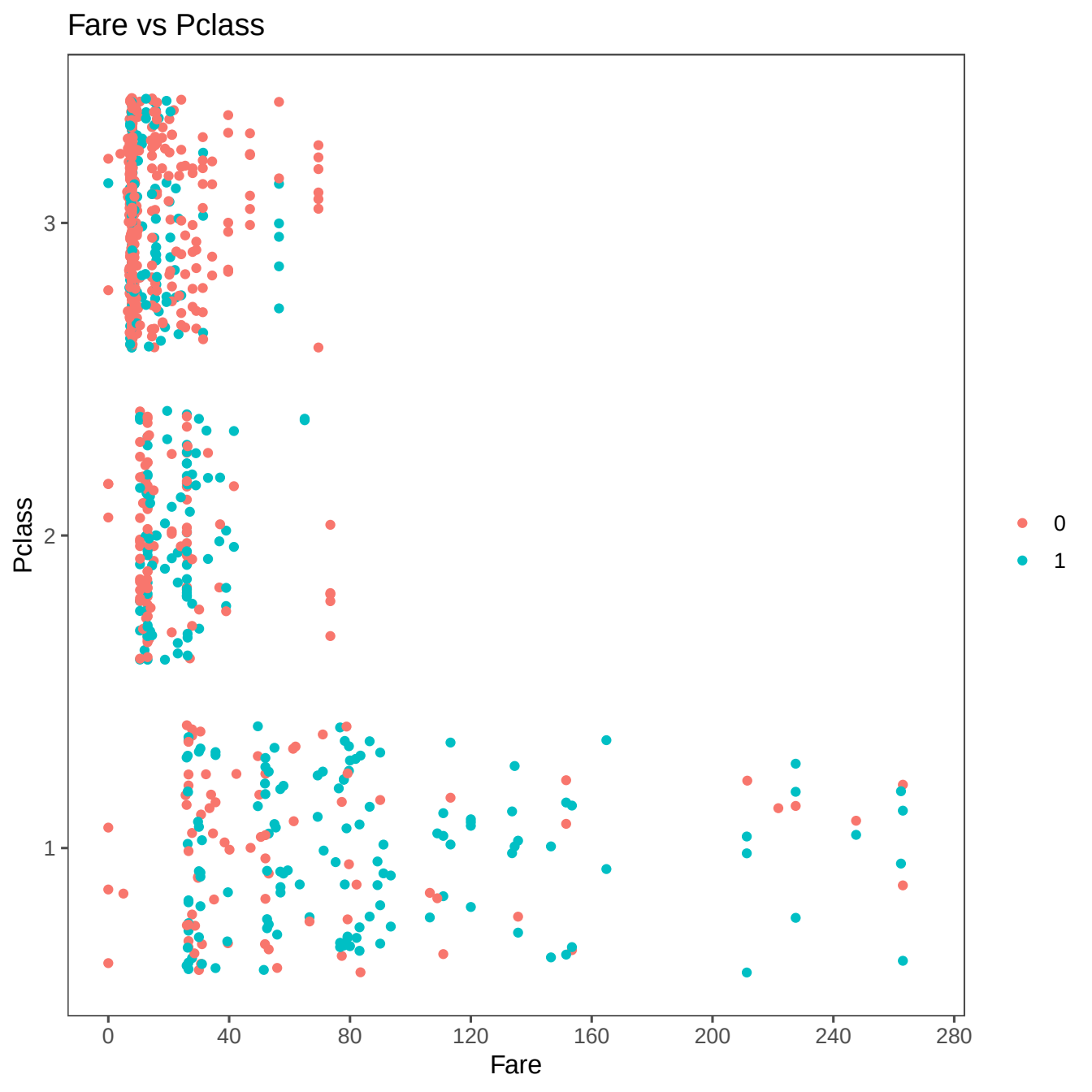

Age vs Survived
count
60
40
20
0
0
20
40
60
80
Age
Survived
0
1

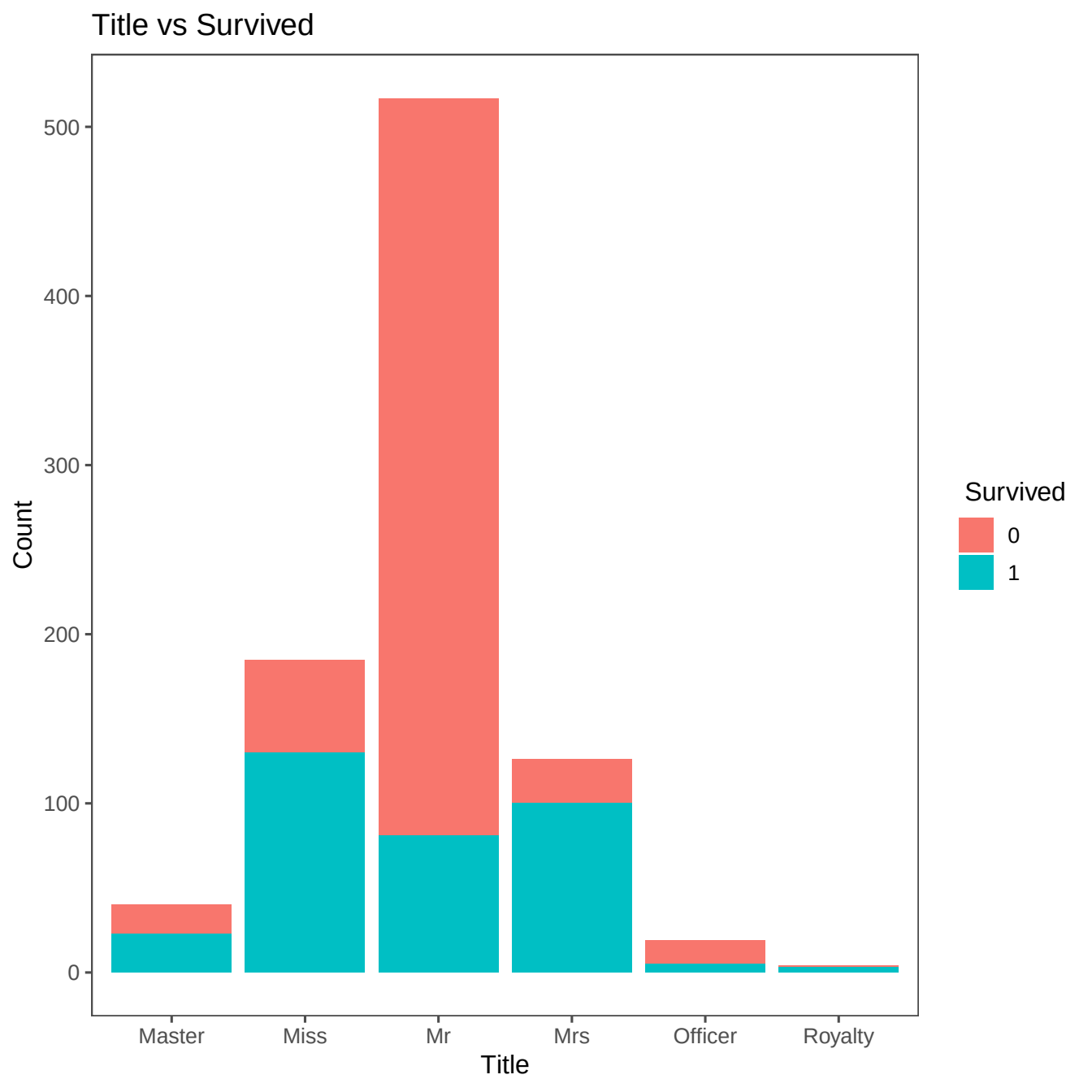

Sex vs Survived
Count
400
300
200
100
0
female
male
Sex
Survived
0
1

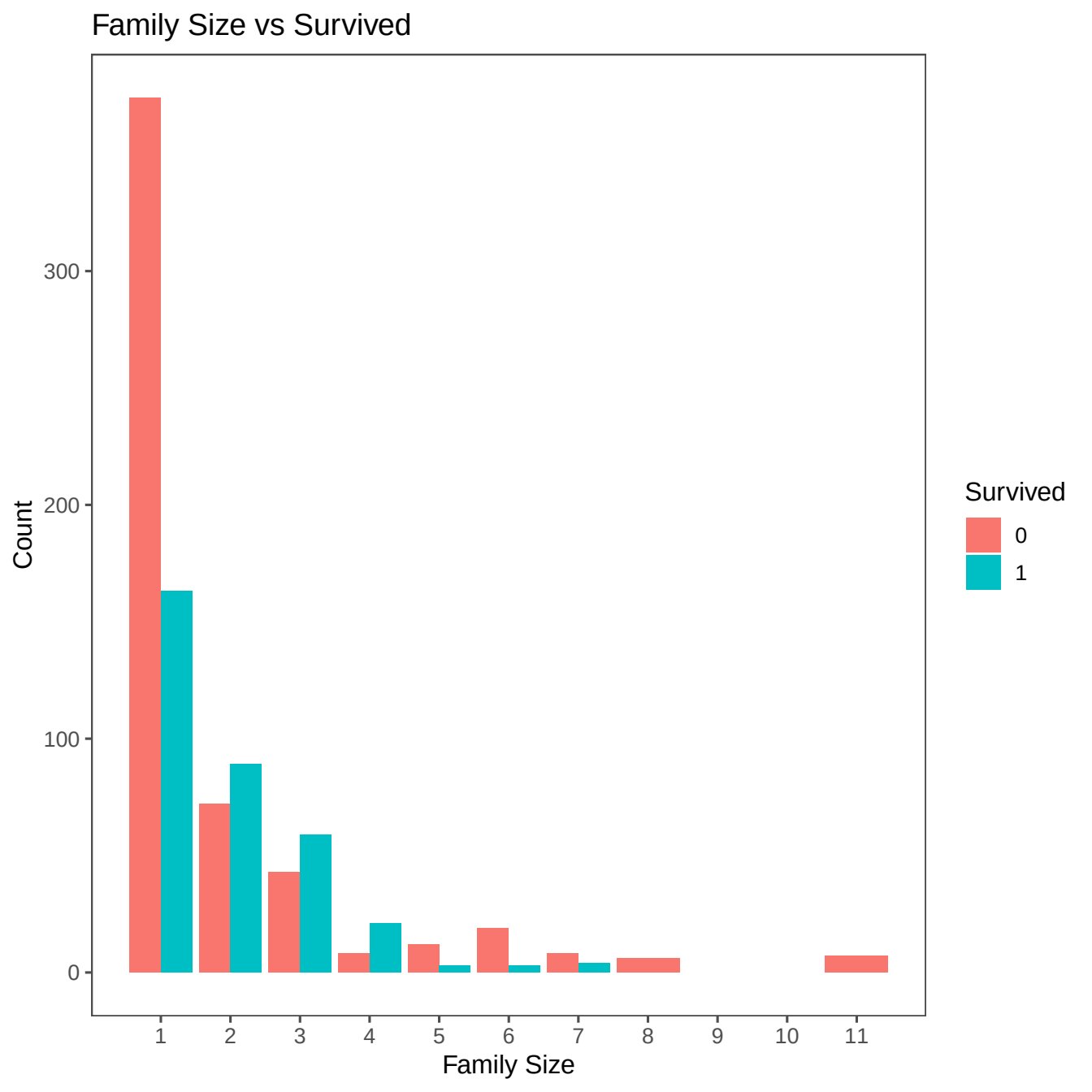

Age vs Sex vs Survived
female
male
Count
Age
Survived
0
1
0
10
20
30
40
0
20
40
60
80

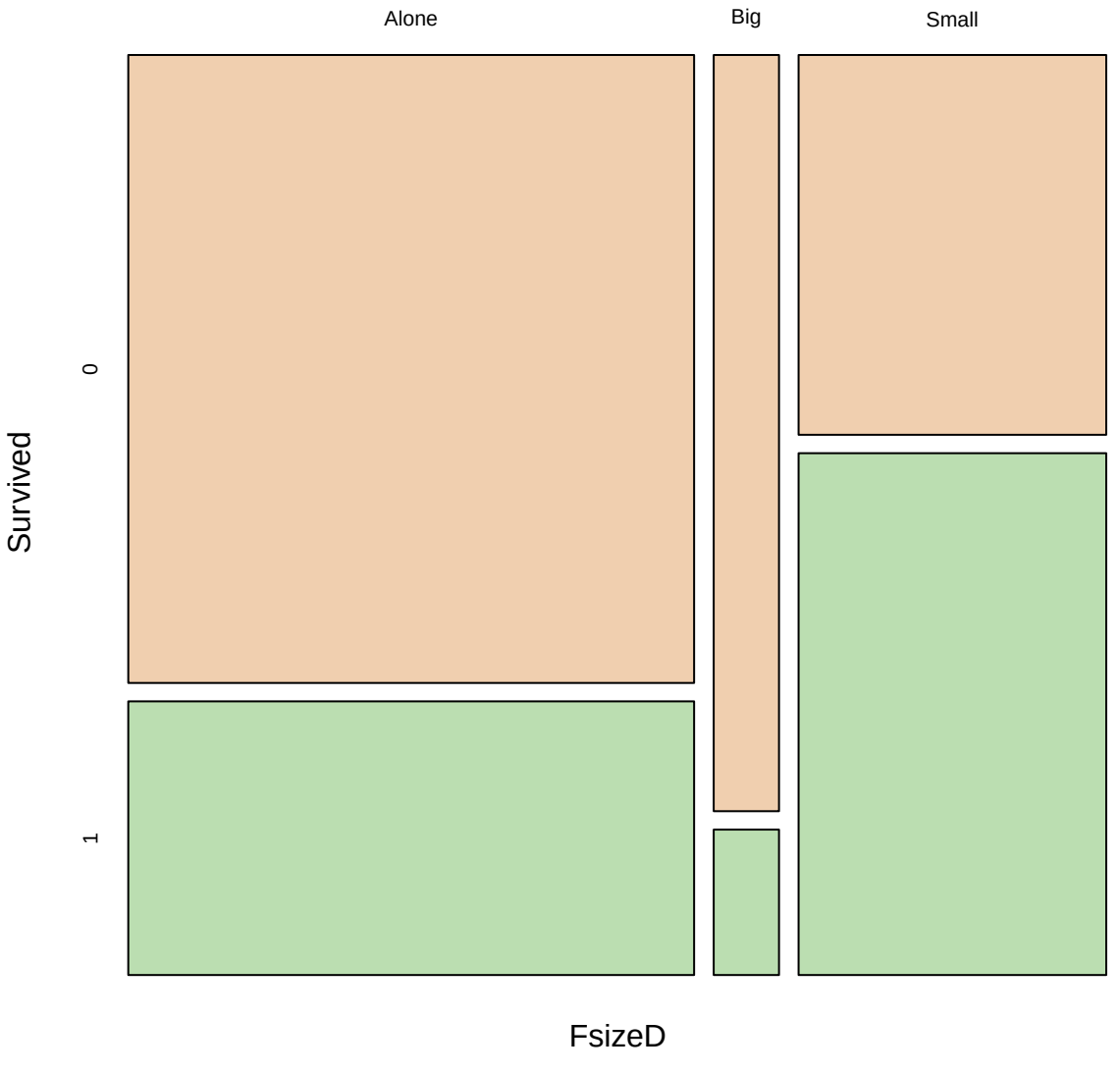

Pclass vs Sex vs Survived
female
male
300
200
100
0
Count
1
2
3
1
2
3
Pclass
Survived
0
1

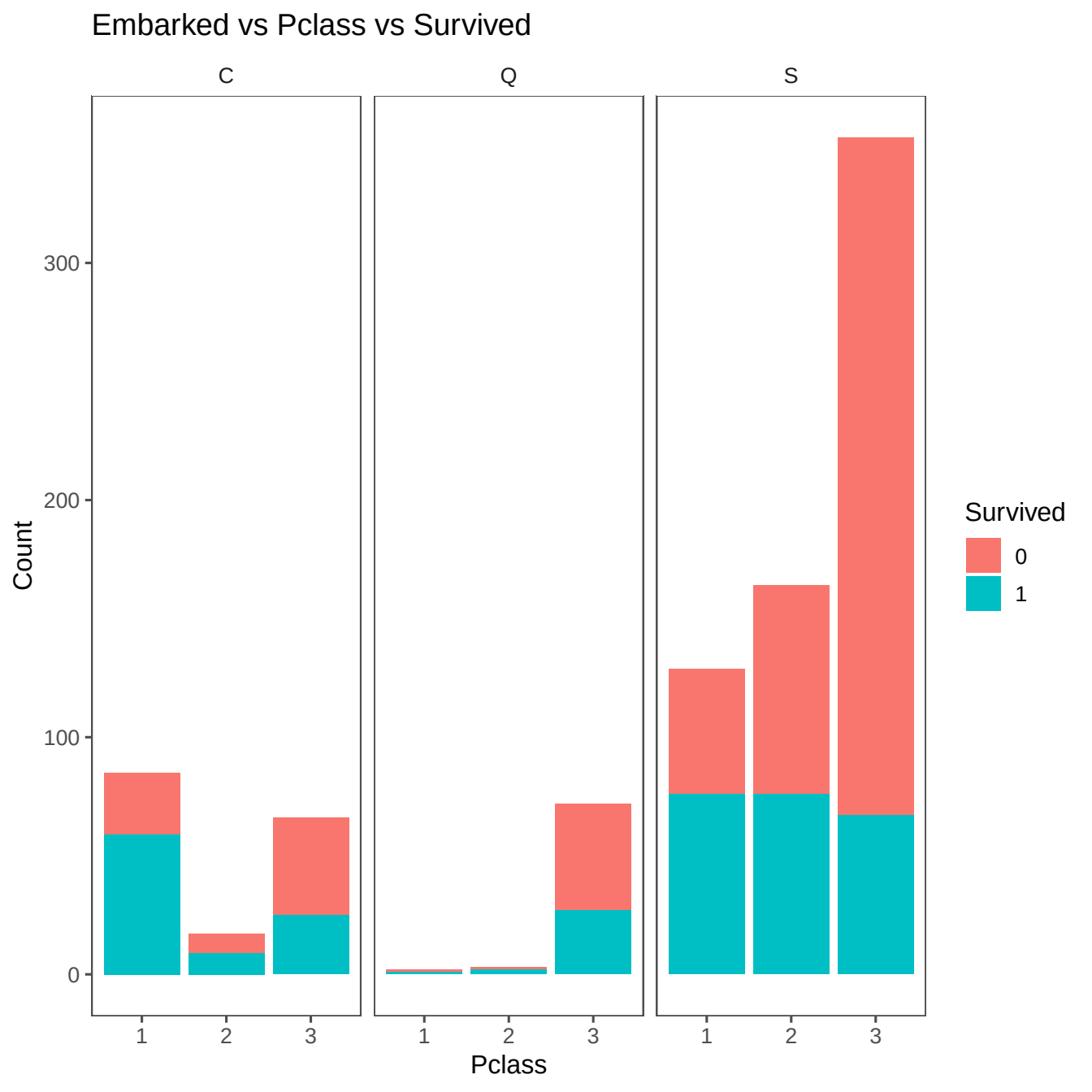

Pclass vs Sex vs Age vs Survived
1
2
3
male
female
Sex
0
20
40
60
80
Age
0
1

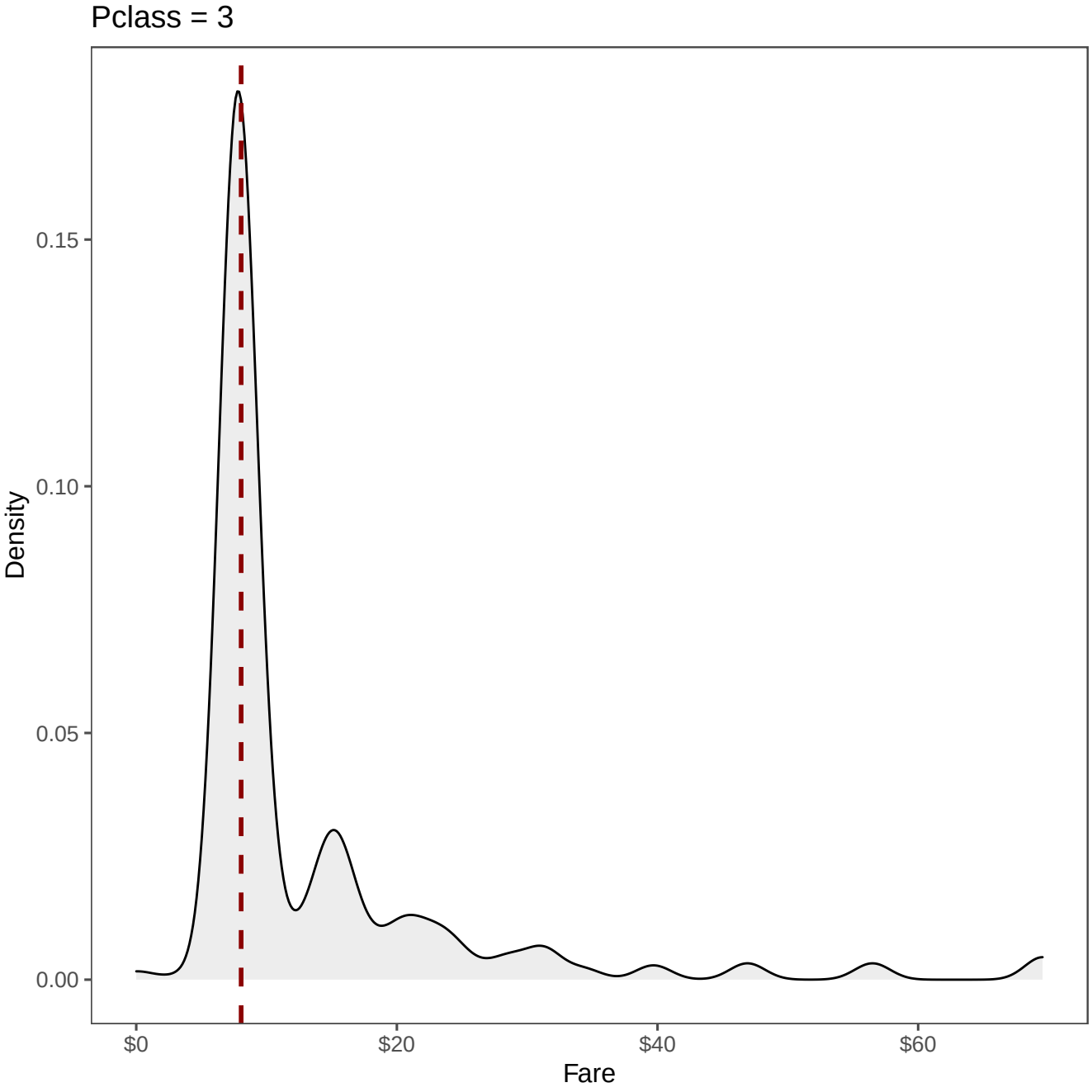

Fare vs Pclass
Pclass
3
2
1
0
40
80
120
160
200
240
280
Fare
0
1

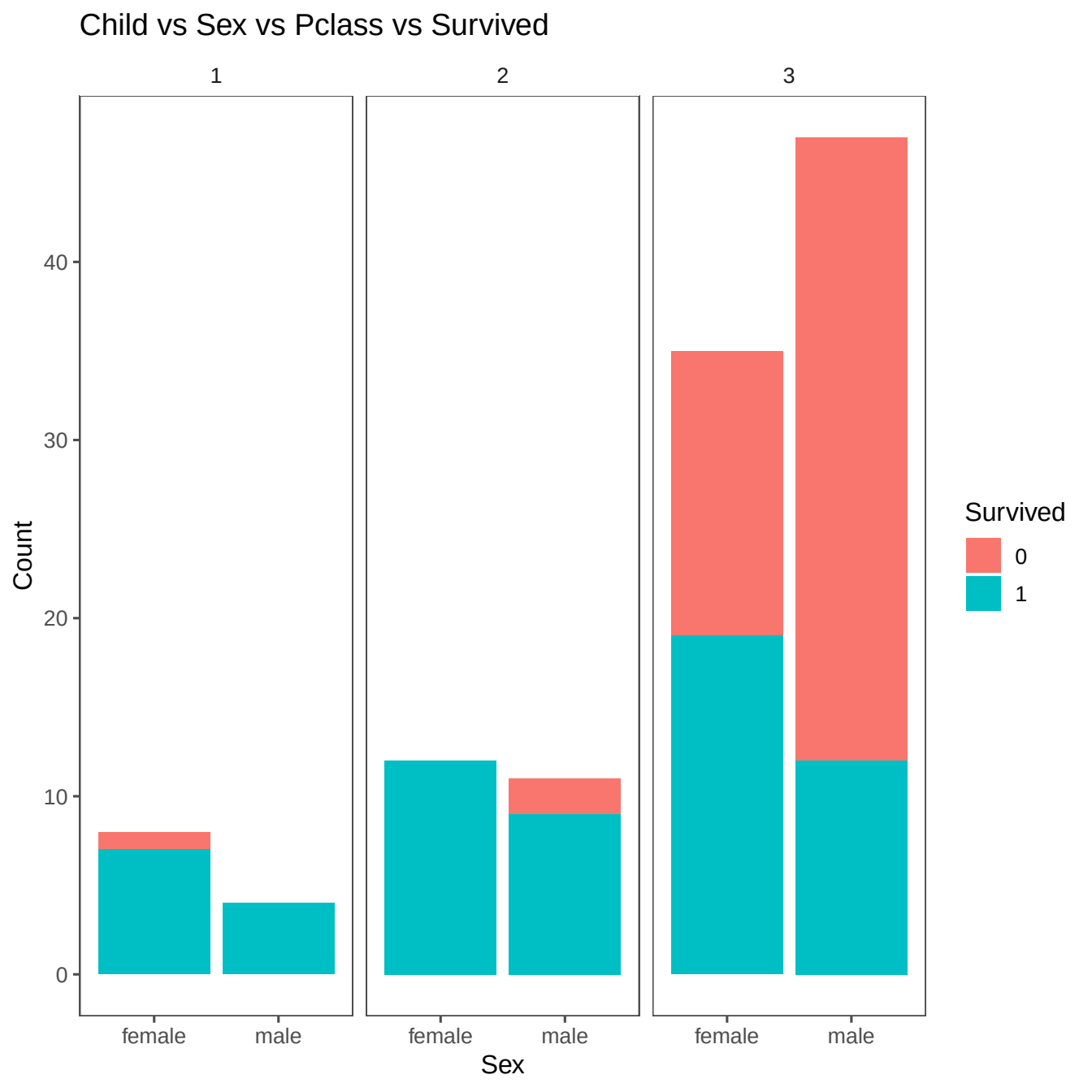

Title vs Survived
Count
500
400
300
200
100
0
Master
Miss
Mr
Mrs
Officer
Royalty
Title
Survived
0
1

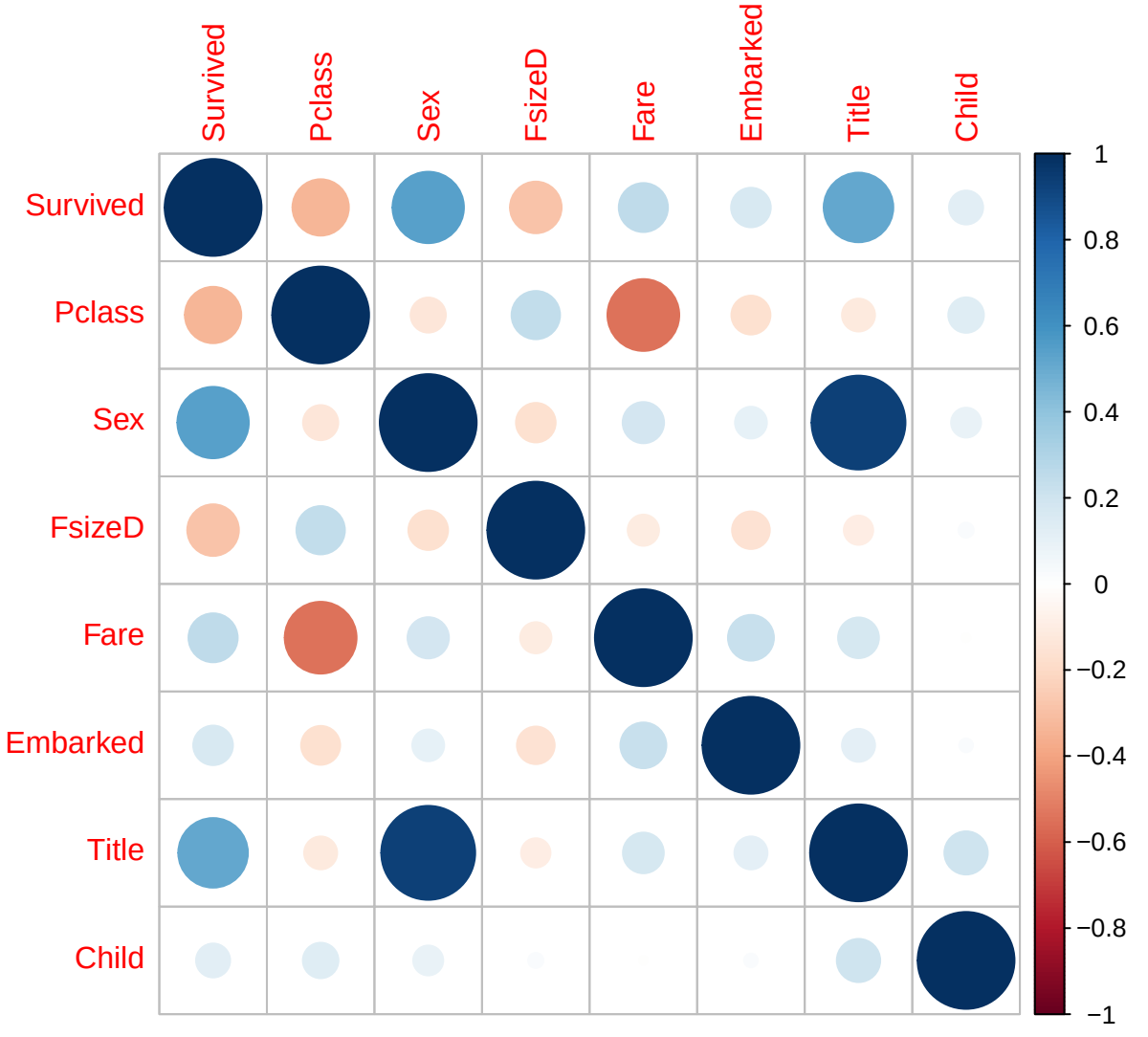

Family Size vs Survived
Count
300
200
100
0
1
2
3
4
5
6
7
8
9
10
11
Family Size
Survived
0
1

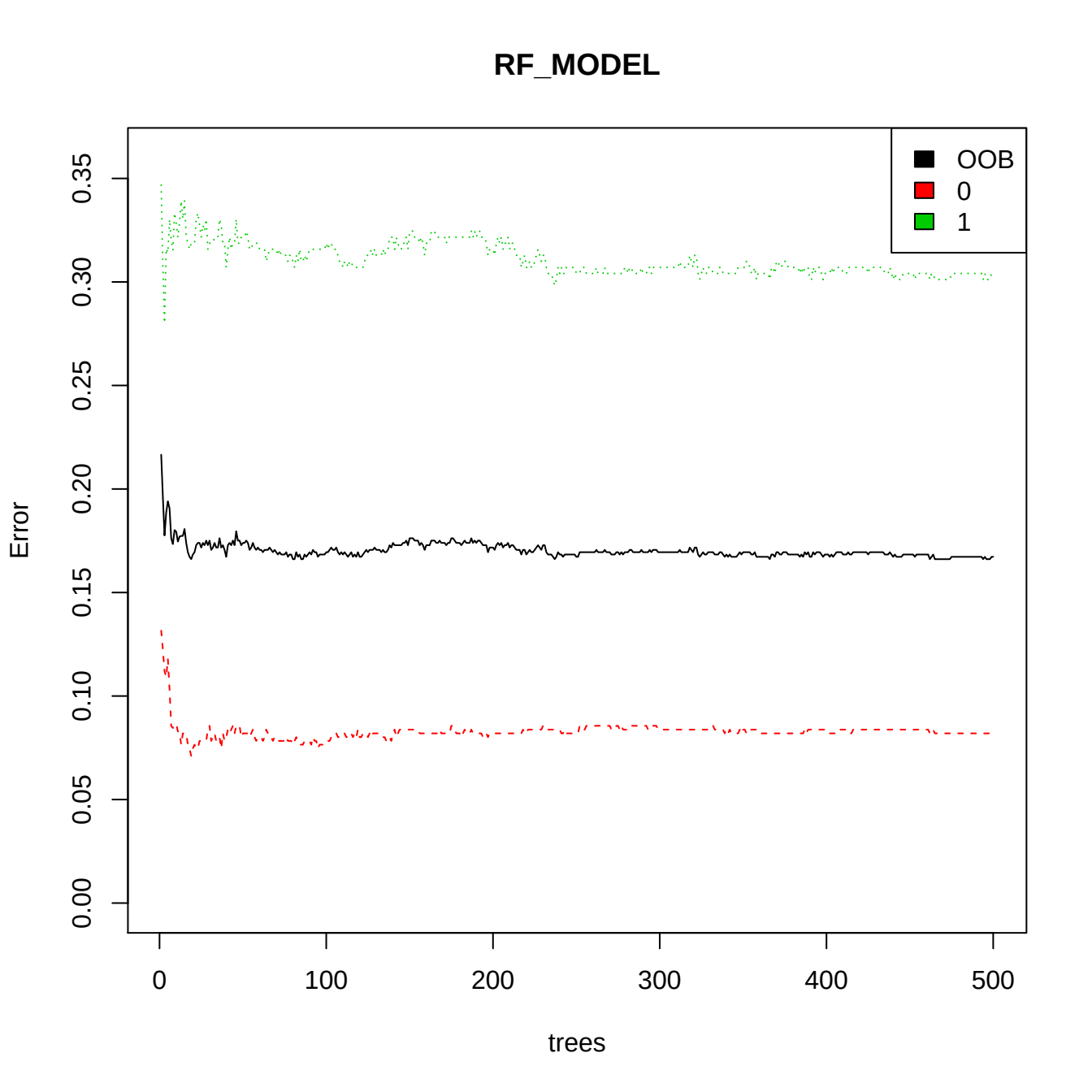

FsizeD vs Survived
Alone
Big
Small
Survived
0
1
FsizeD

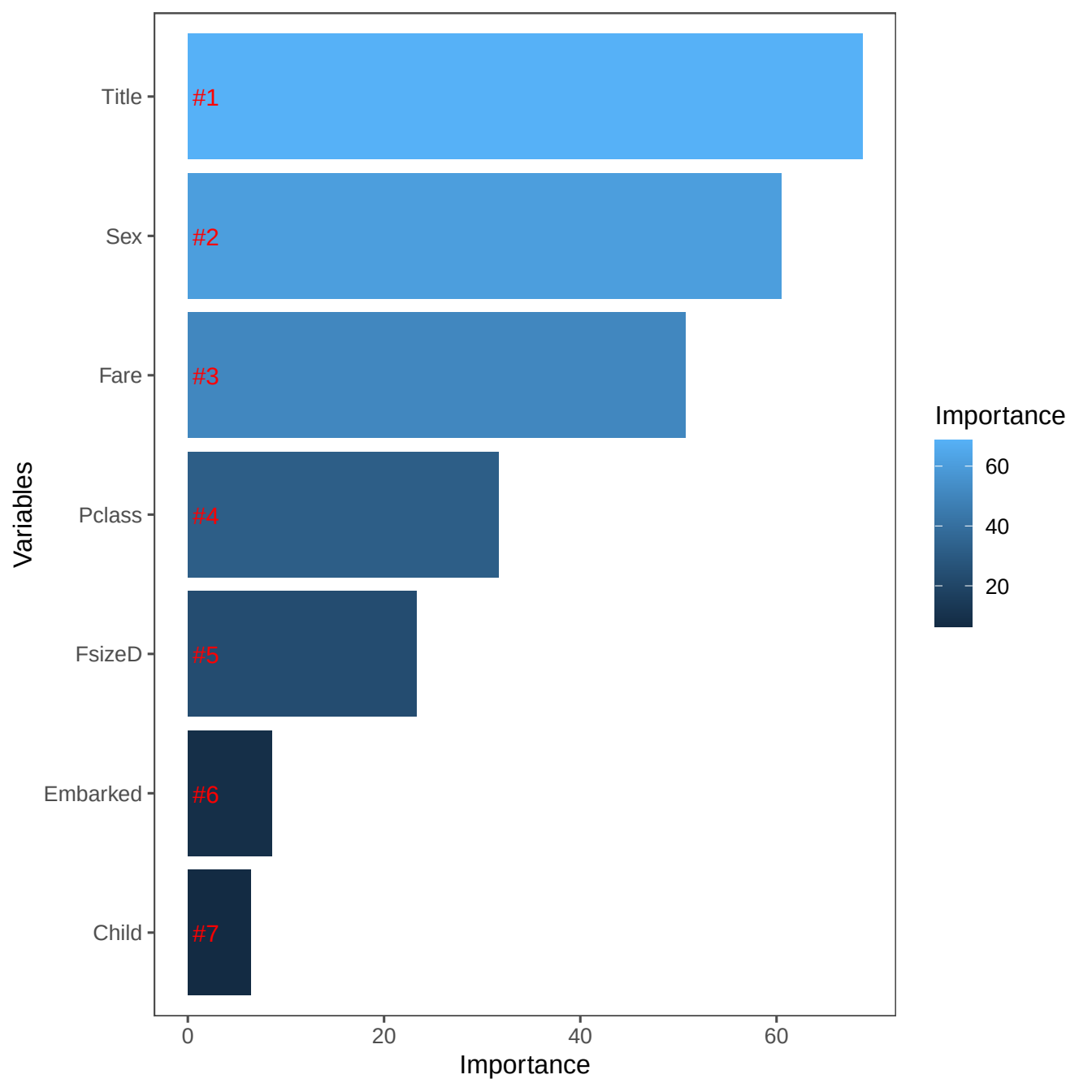

Embarked vs Pclass vs Survived
C
Q
S
Count
300
200
100
0
1
2
3
Pclass
Survived
0
1


Pclass = 3
0.15
0.10
0.05
0.00
Density
$0
$20
$40
$60
Fare


Child vs Sex vs Pclass vs Survived
1
2
3
40
30
20
10
0
Count
female
male
female
male
female
male
Sex
Survived
0
1


Survived
Pclass
Sex
FsizeD
Fare
Embarked
Title
Child
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1


RF_MODEL
OOB
0
1
Error
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0
100
200
300
400
500
trees


Title
Sex
Fare
Pclass
FsizeD
Embarked
Child
#1
#2
#3
#4
#5
#6
#7
Variables
0
20
40
60
Importance
Importance
60
40
20