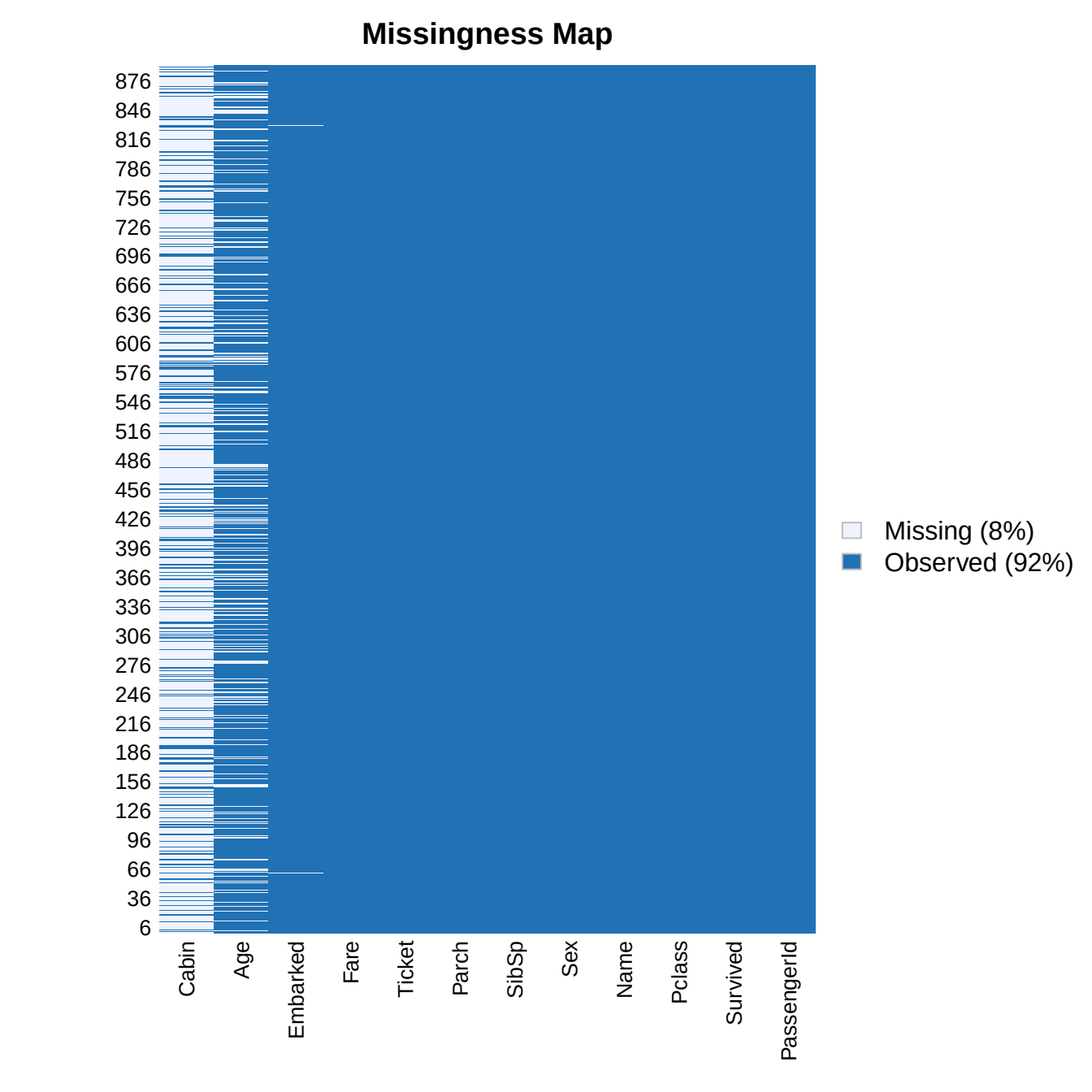
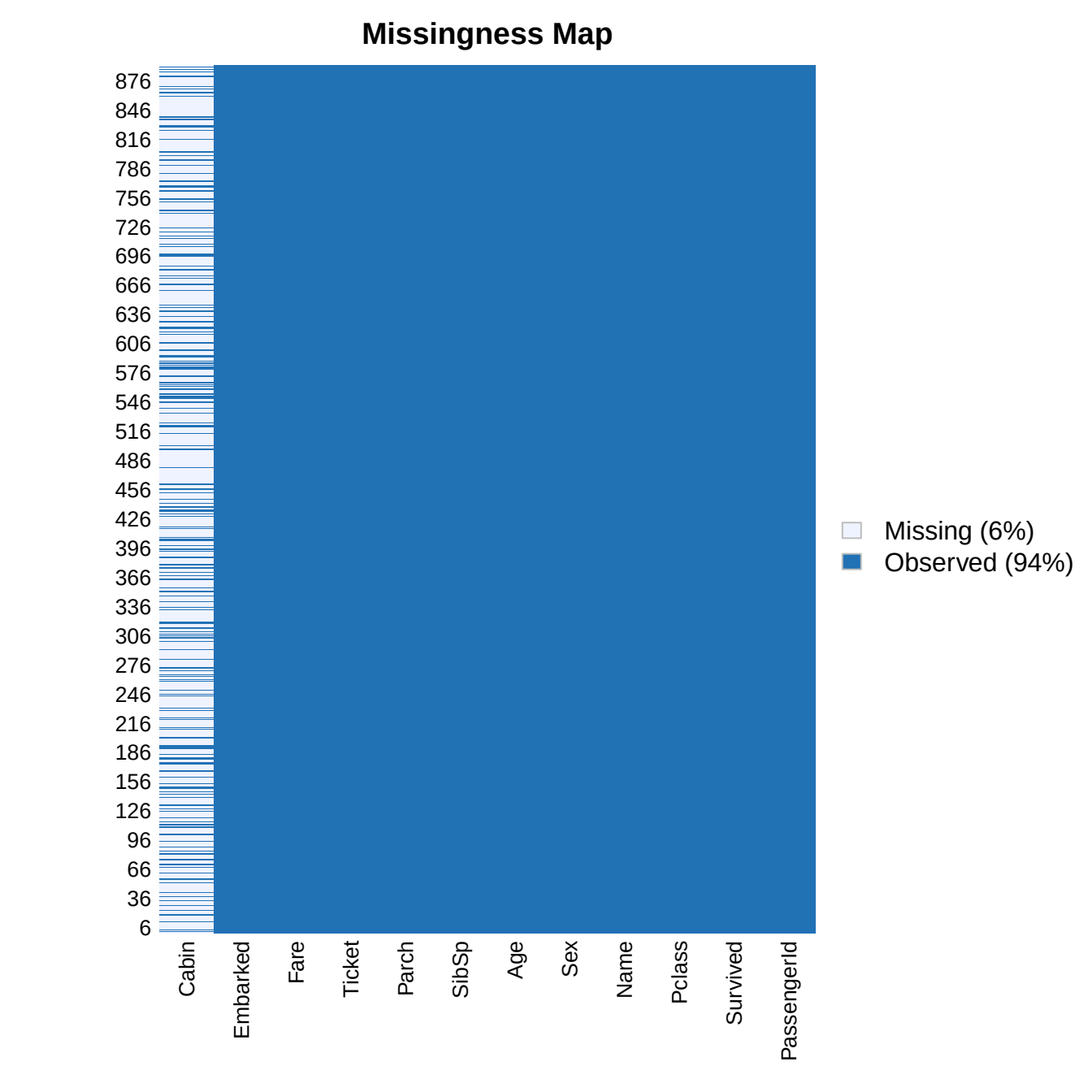

Missingness Map
876
846
816
786
756
726
696
666
636
606
576
546
516
486
456
426
396
366
336
306
276
246
216
186
156
126
96
66
36
6
Cabin
Age
Embarked
Fare
Ticket
Parch
SibSp
Sex
Name
Pclass
Survived
PassengerId
Missing (8%)
Observed (92%)


Missingness Map
876
846
816
786
756
726
696
666
636
606
576
546
516
486
456
426
396
366
336
306
276
246
216
186
156
126
96
66
36
6
Cabin
Embarked
Fare
Ticket
Parch
SibSp
Age
Sex
Name
Pclass
Survived
PassengerId
Missing (6%)
Observed (94%)

Passenger survival

Passenger Class

0

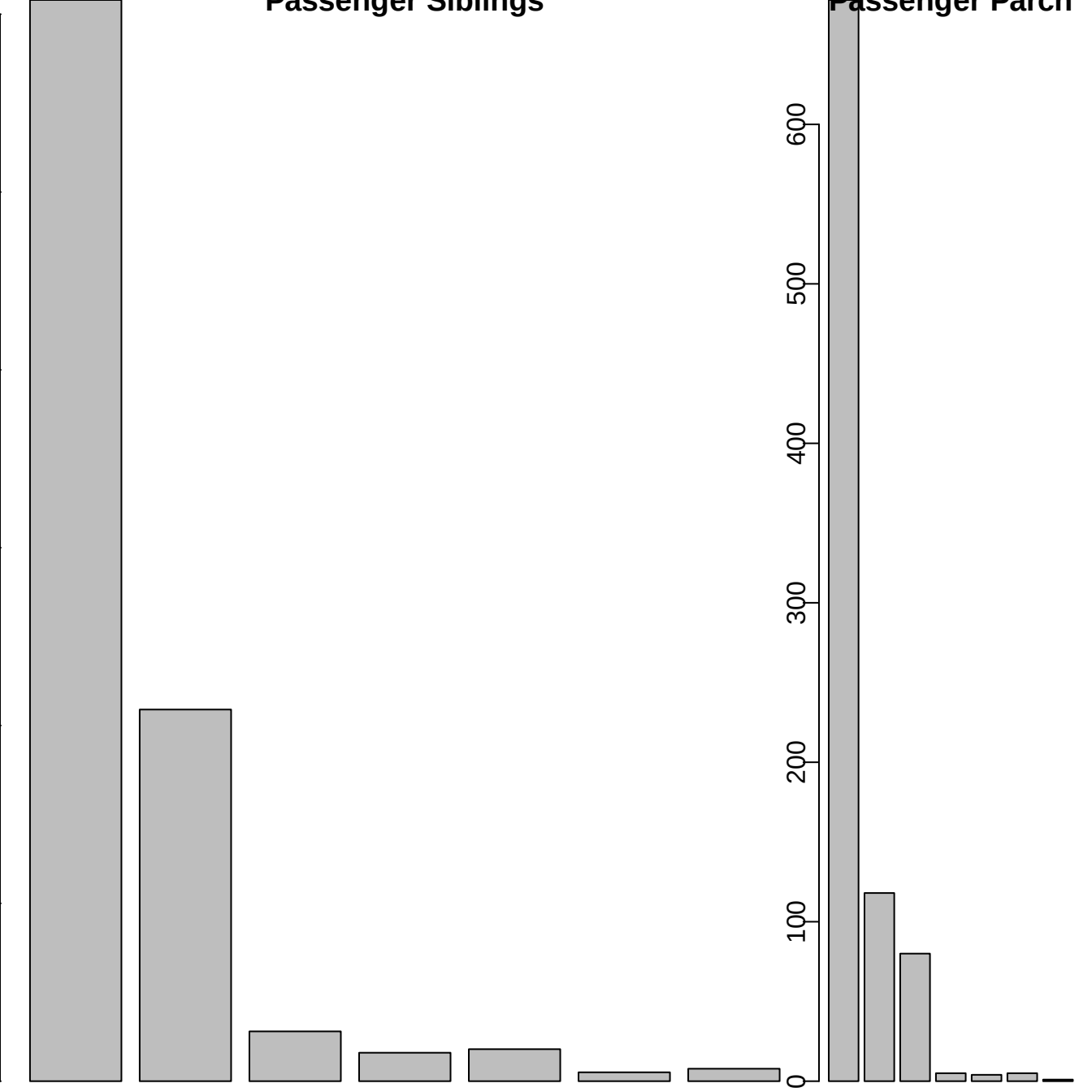
100

200

300

400

Passenger Gender
Passenger age
0
50
100
150
200
250
300


Passenger Siblings
Passenger Parch
0
100
200
300
400
500
600

Passenger Fare

ssenger Embarkati

0
100
200
300
400
500
600

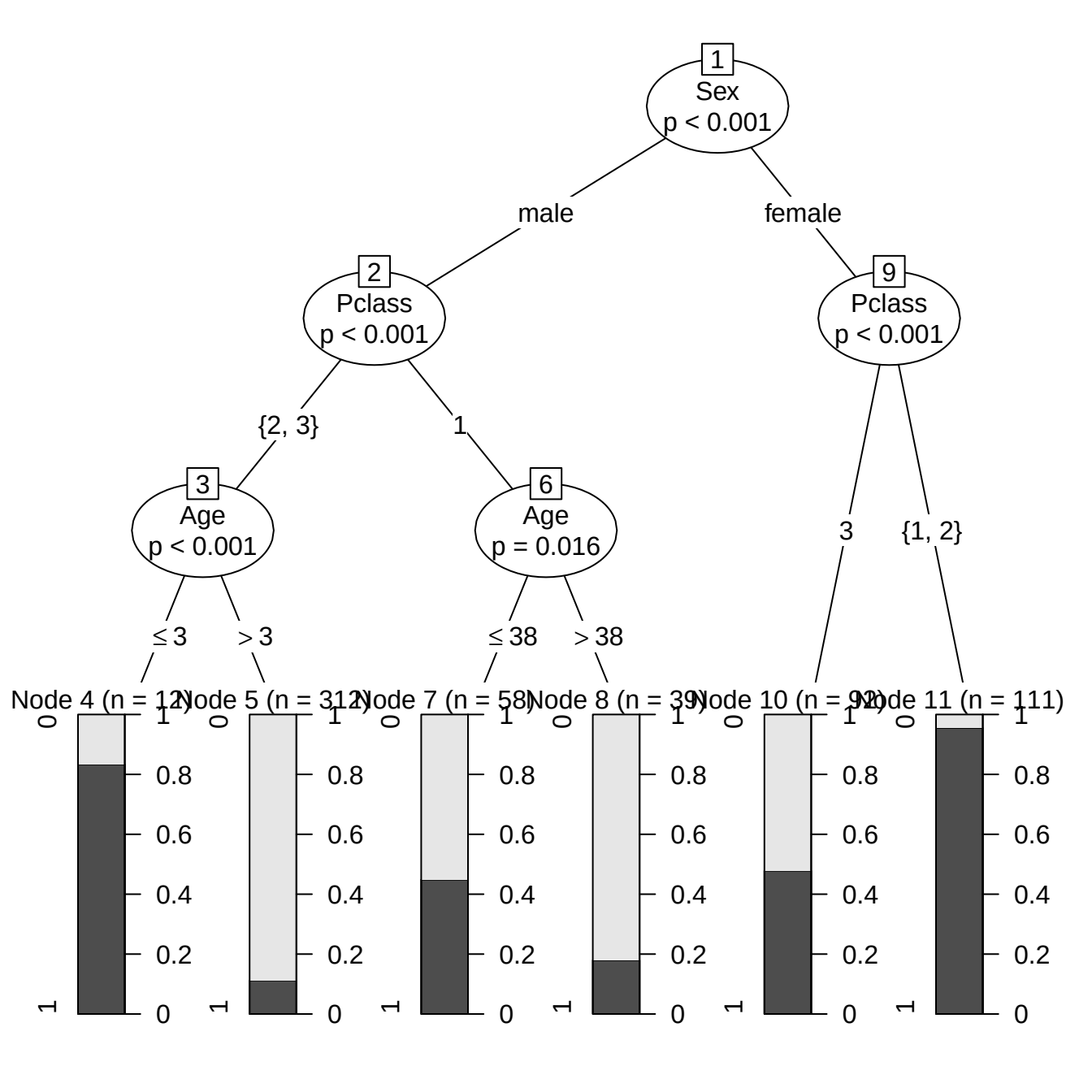
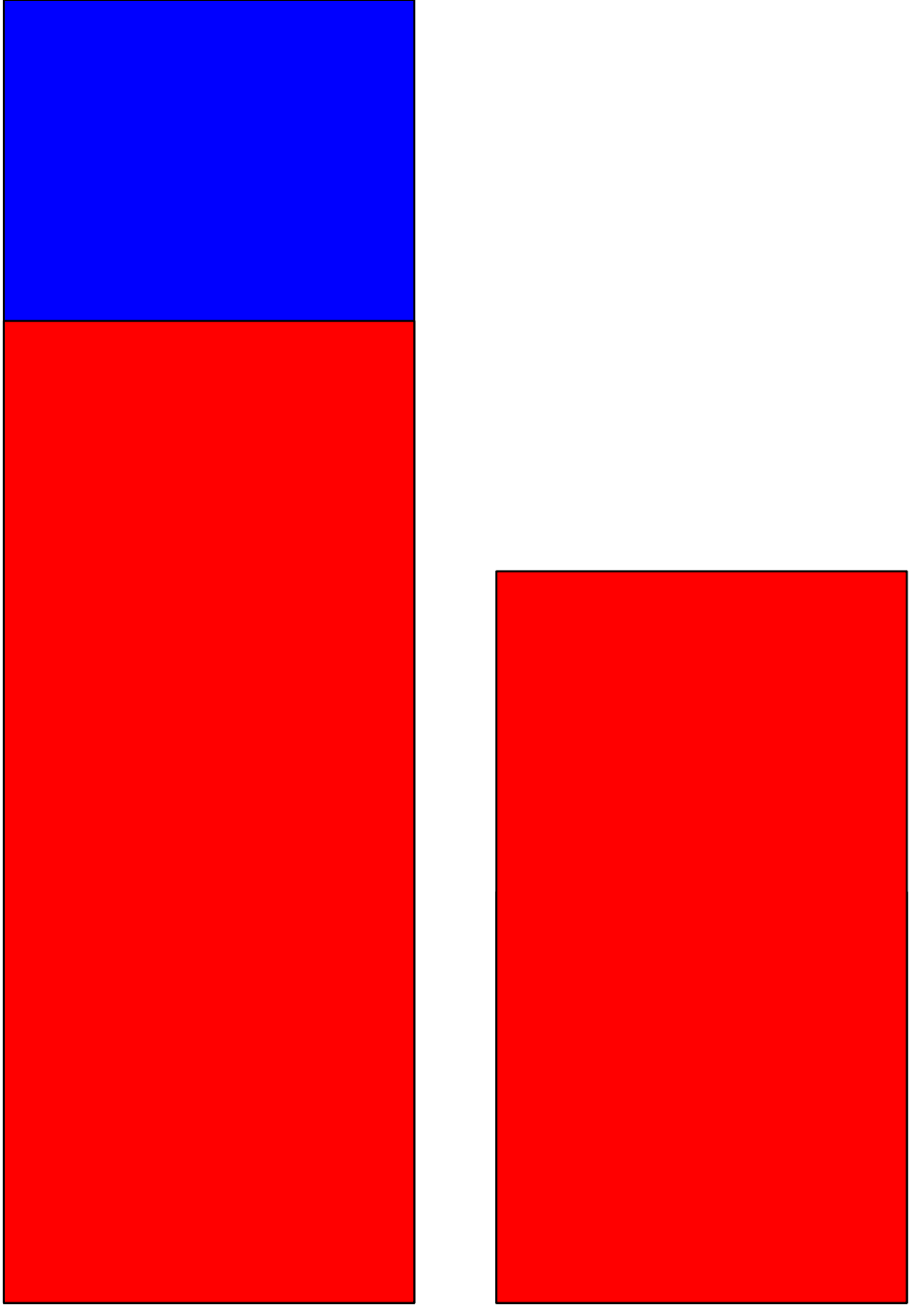
Passenger survival by Age

ass: survival Class

1 2 3

0

1


1
Sex
p < 0.001
male
female
2
Pclass
p < 0.001
9
Pclass
p < 0.001
{2, 3}
1
3
Age
p < 0.001
6
Age
p = 0.016
3
{1, 2}
≤ 3
> 3
≤ 38
> 38
Node 4 (n = 12)
Node 5 (n = 312)
Node 7 (n = 58)
Node 8 (n = 39)
Node 10 (n = 92)
Node 11 (n = 111)
0
1
0.8
0.6
0.4
0.2
0