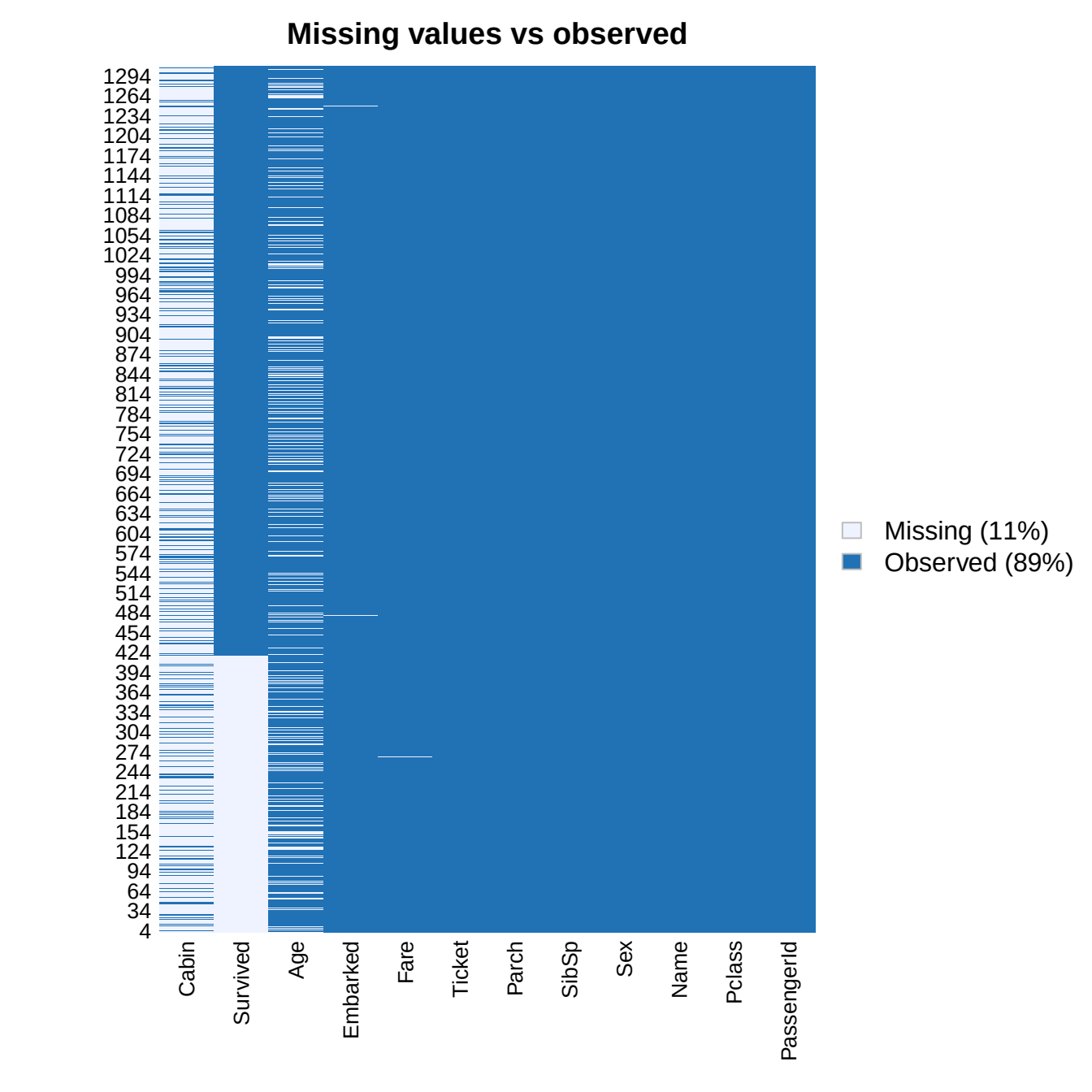
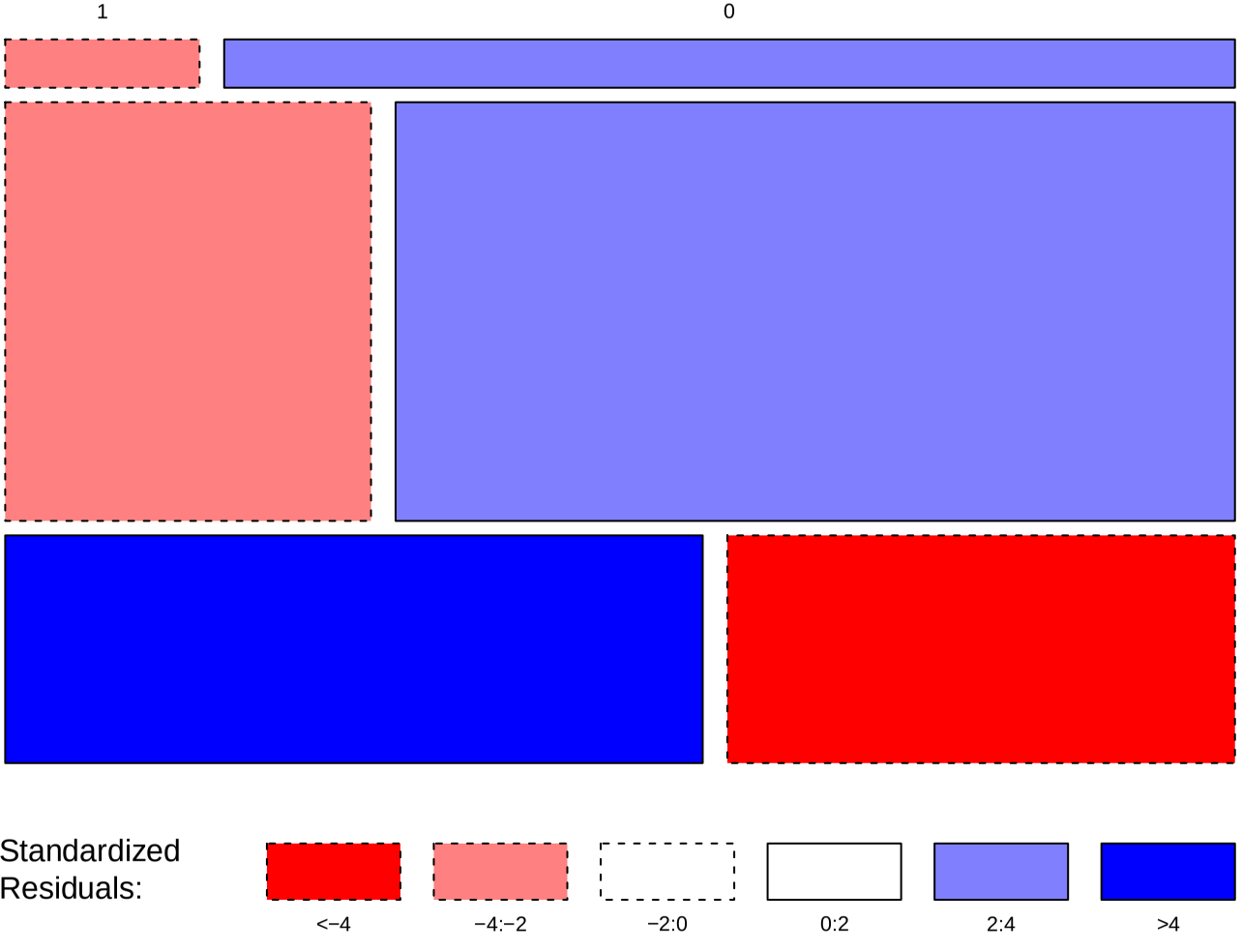
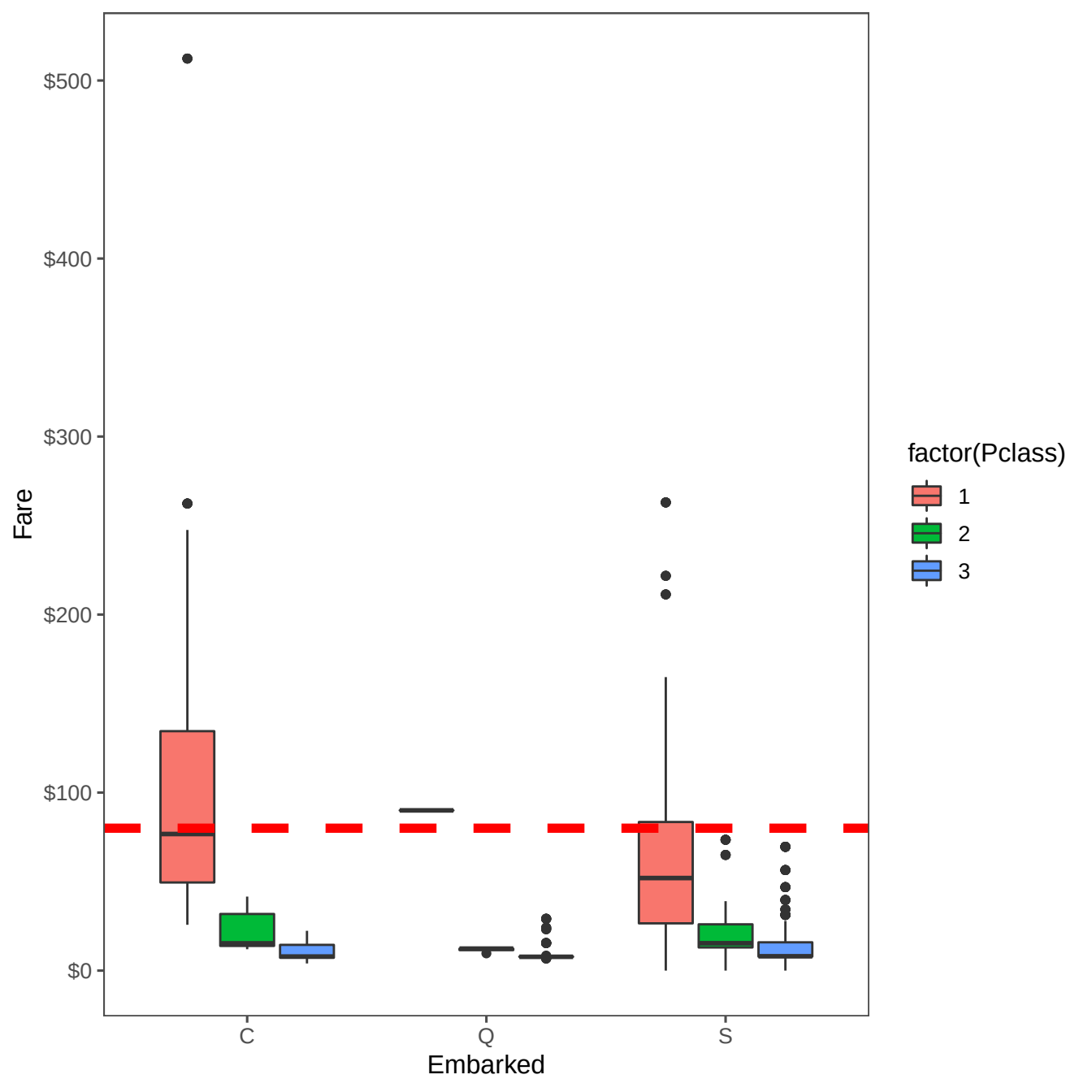
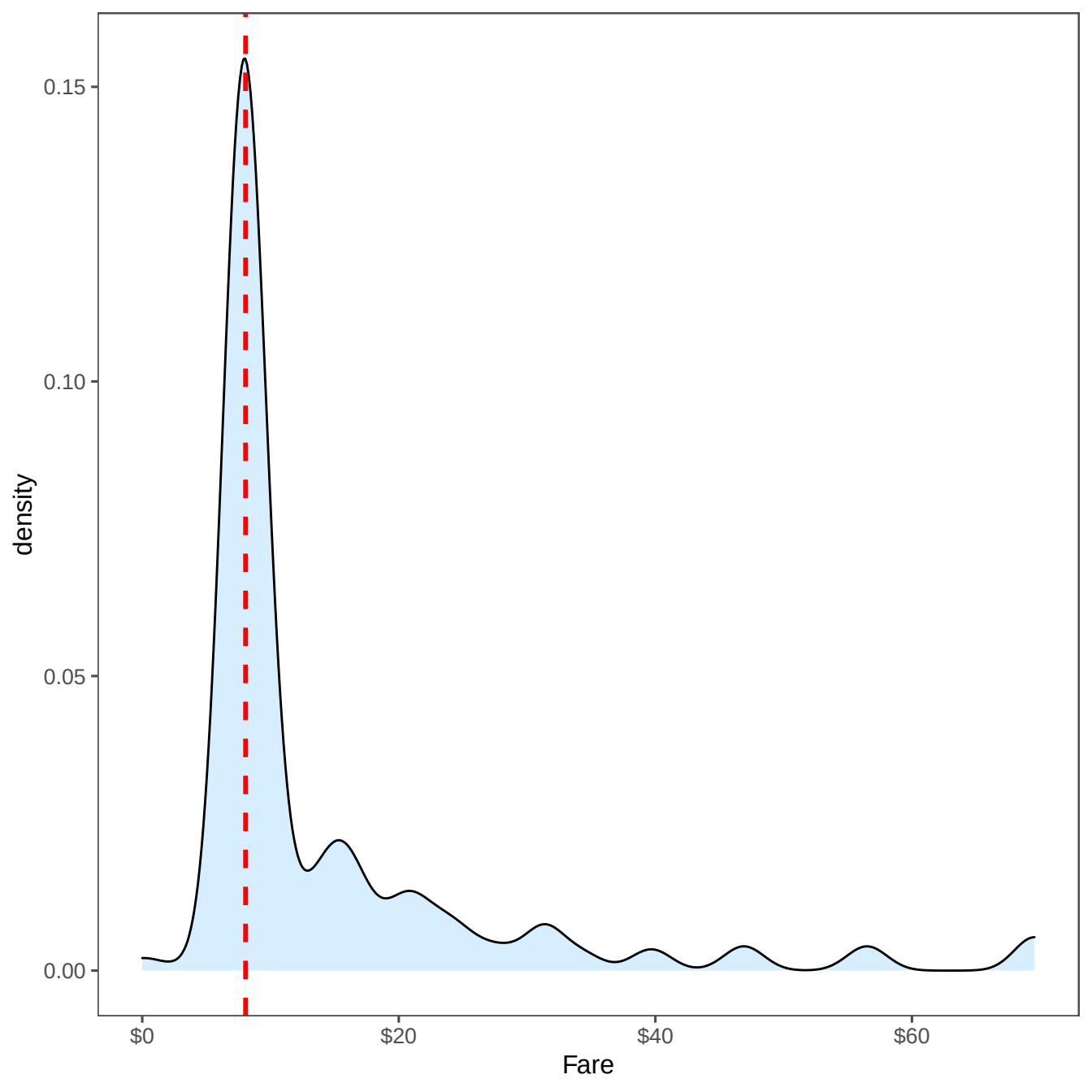
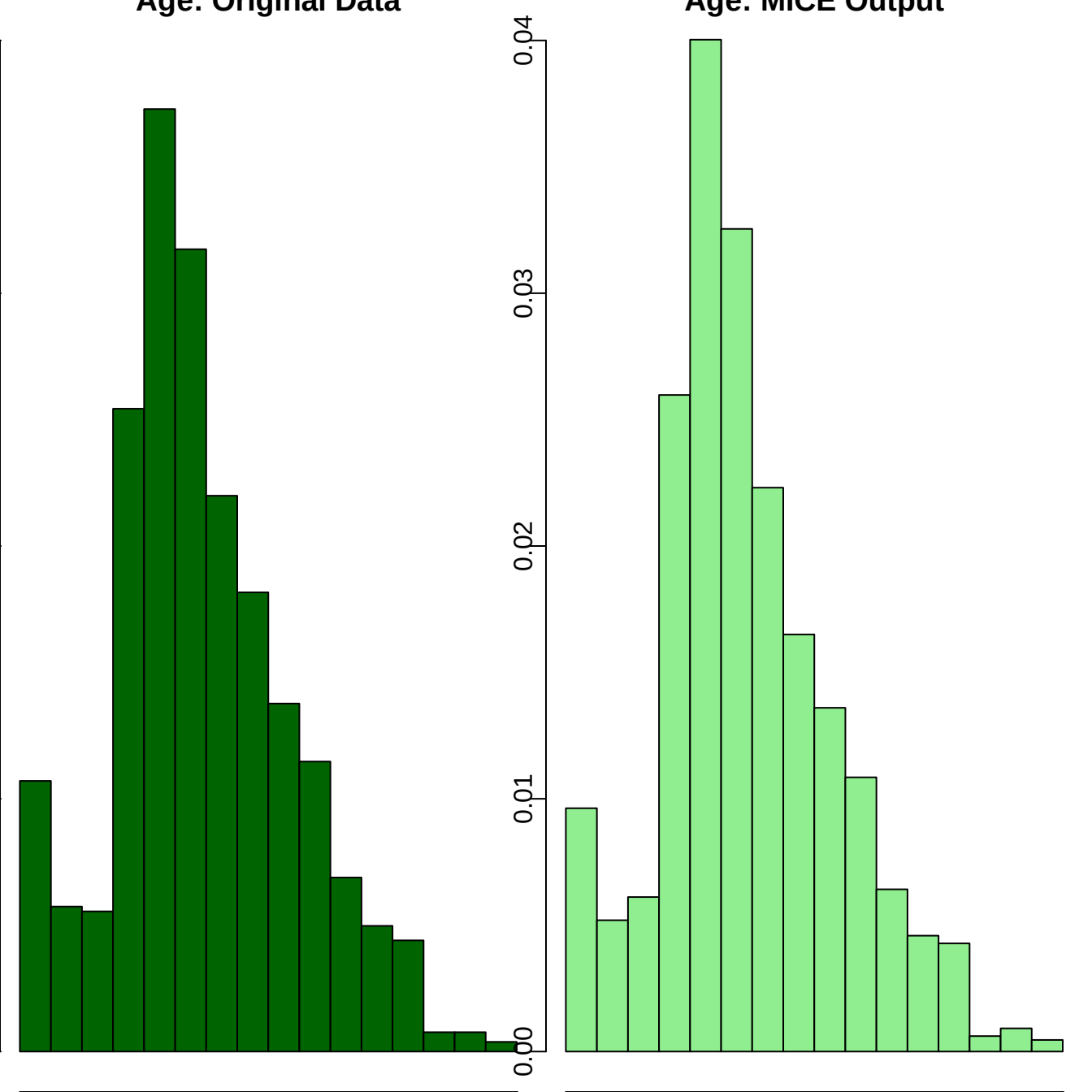
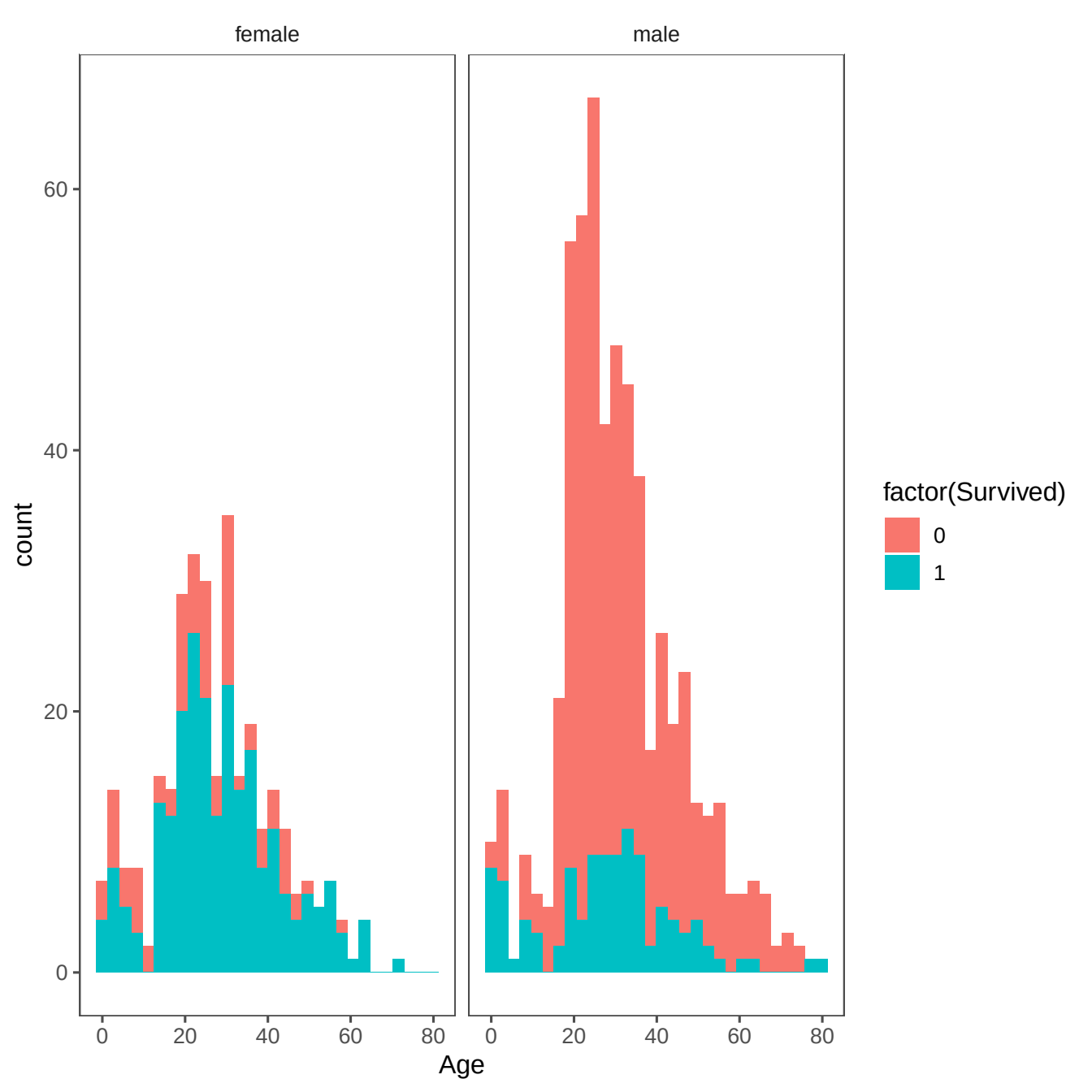

Missing values vs observed
1294
1264
1234
1204
1174
1144
1114
1084
1054
1024
994
964
934
904
874
844
814
784
754
724
694
664
634
604
574
544
514
484
454
424
394
364
334
304
274
244
214
184
154
124
94
64
34
4
Cabin
Survived
Age
Embarked
Fare
Ticket
Parch
SibSp
Sex
Name
Pclass
PassengerId
Missing (11%)
Observed (89%)

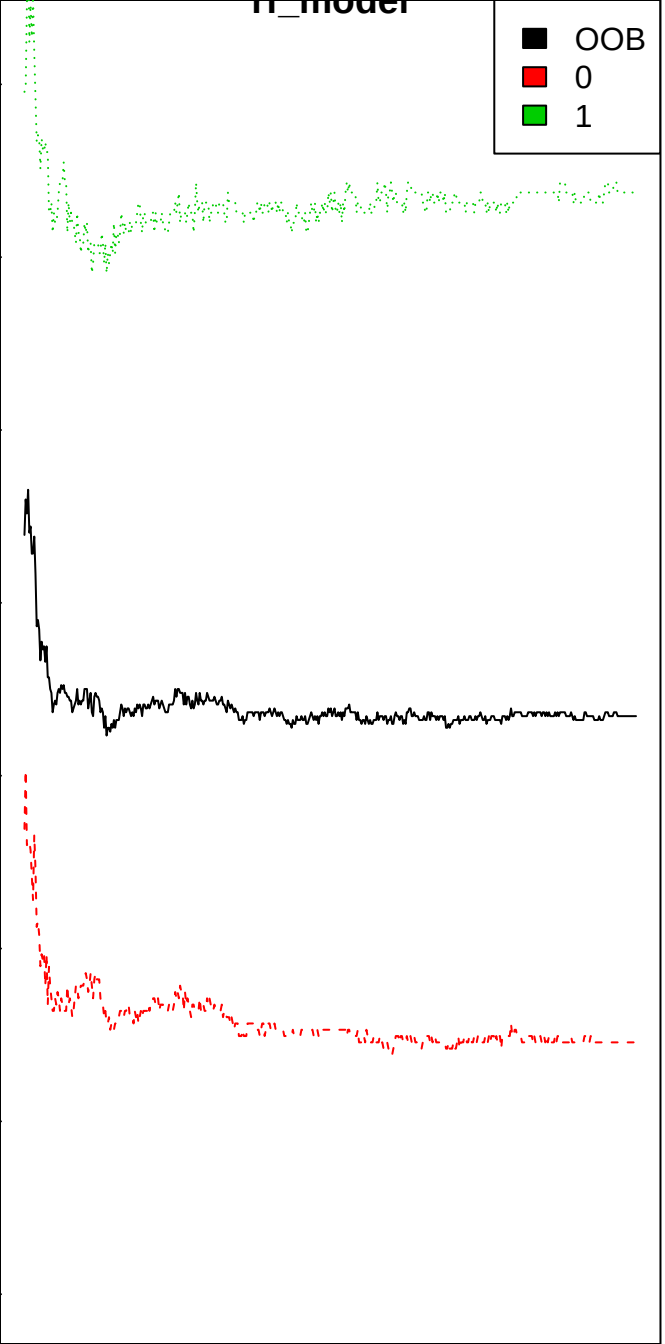

1
0
large
singleton
small
Family Size by Survival
Standardized
Residuals:
<−4
−4:−2
−2:0
0:2
2:4
>4

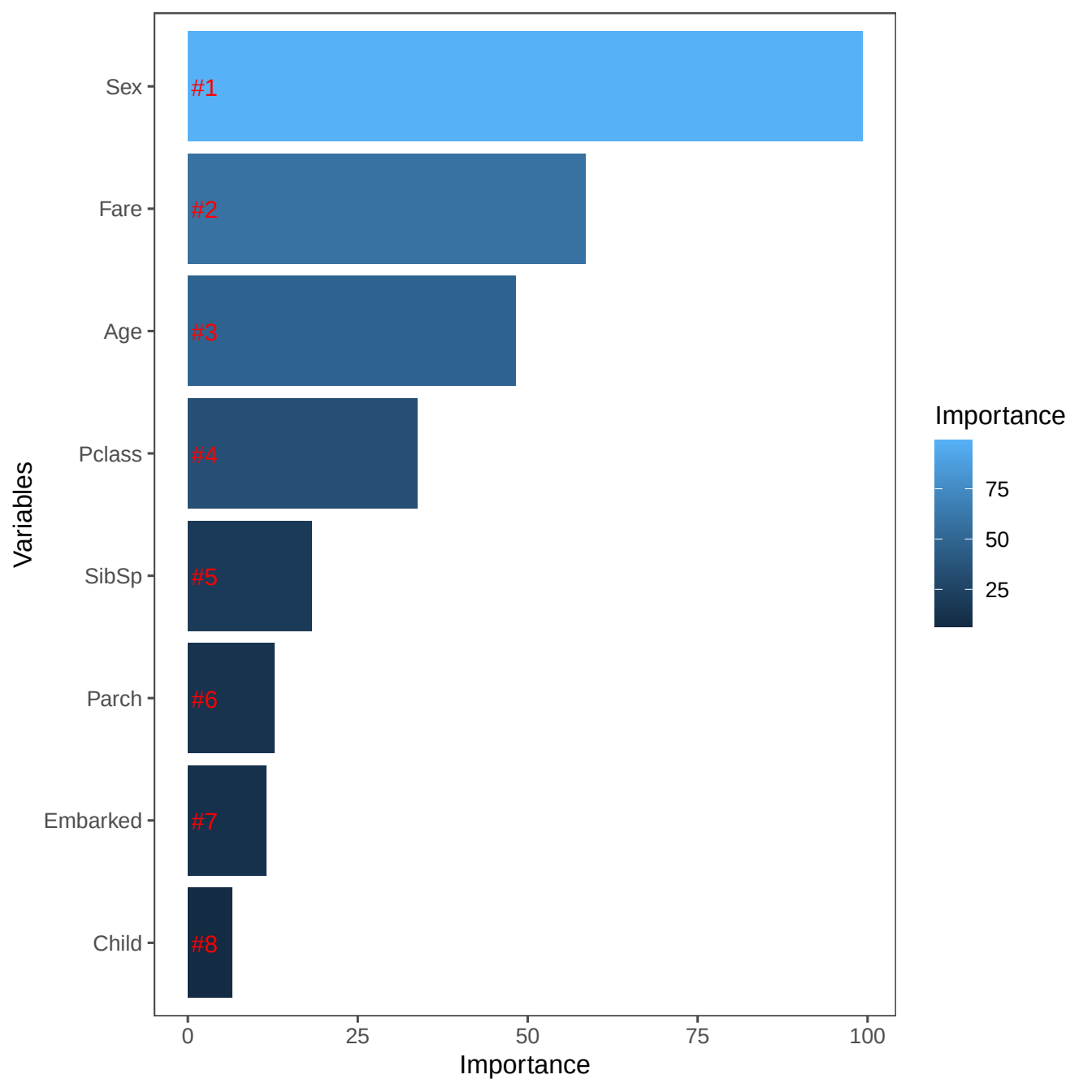

$500
$400
$300
$200
$100
$0
Fare
C
Q
S
Embarked
factor(Pclass)
1
2
3


0.15
0.10
0.05
0.00
density
$0
$20
$40
$60
Fare


Age: Original Data
Age: MICE Output
0.00
0.01
0.02
0.03
0.04


female
male
count
Age
0
20
40
60
80
factor(Survived)
0
1


rf_model
OOB
0
1


Sex
Fare
Age
Pclass
SibSp
Parch
Embarked
Child
#1
#2
#3
#4
#5
#6
#7
#8
Variables
0
25
50
75
100
Importance
Importance
75
50
25