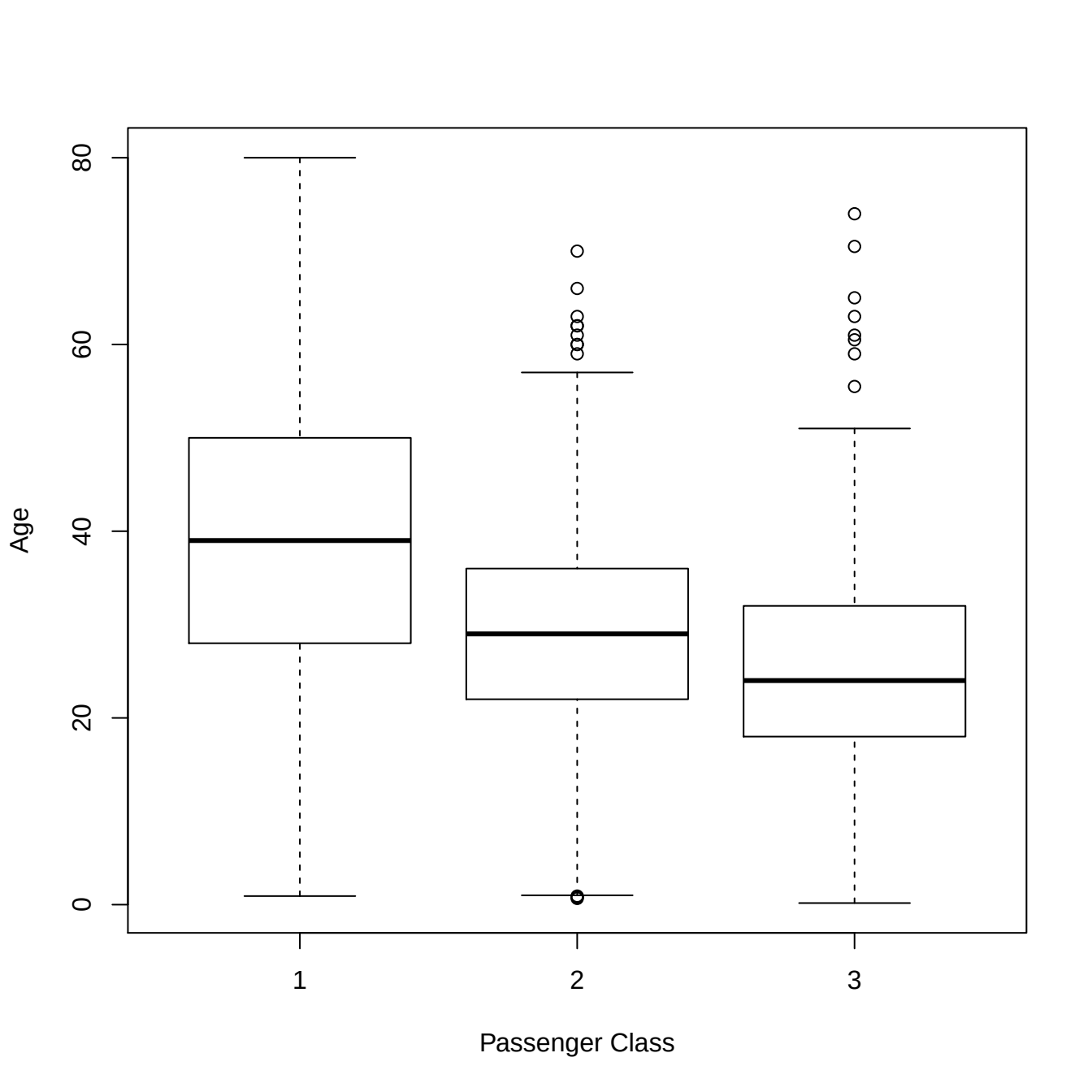
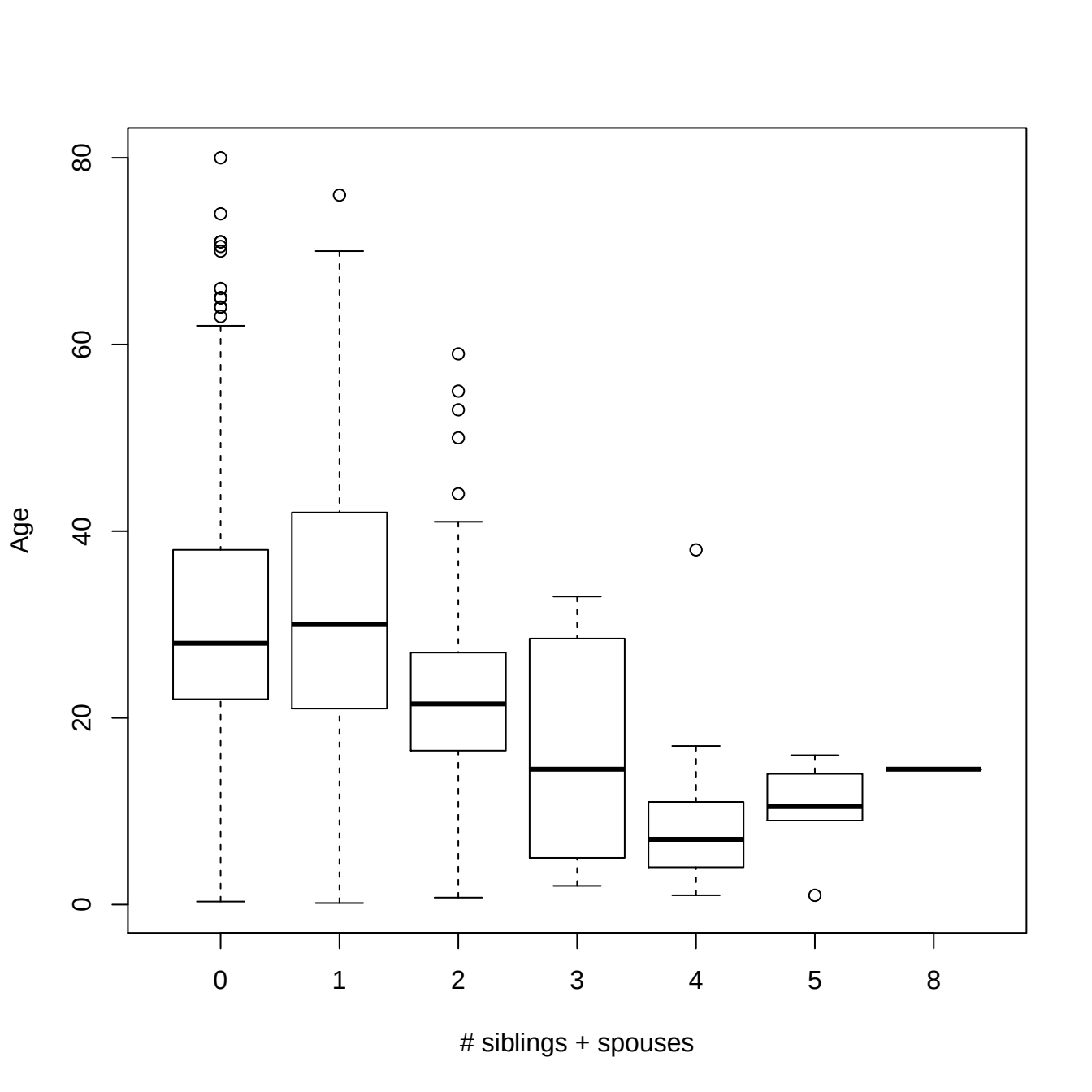
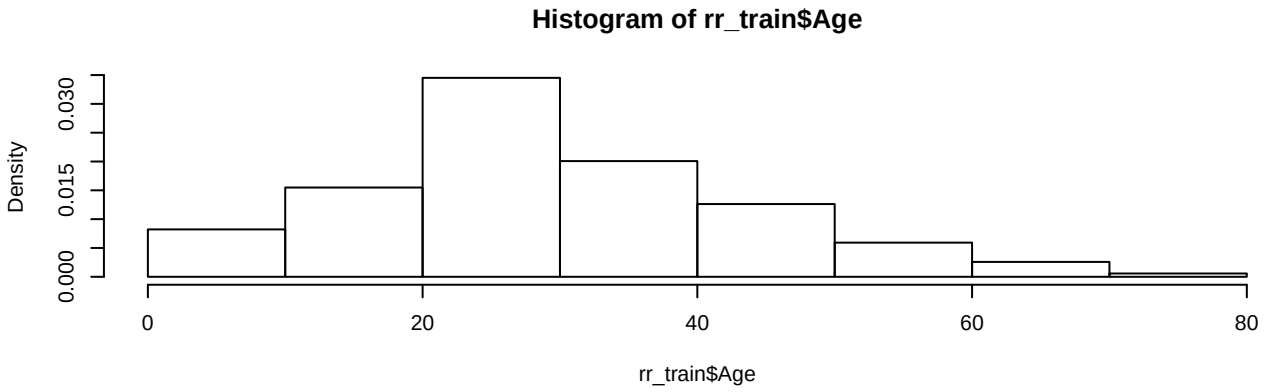
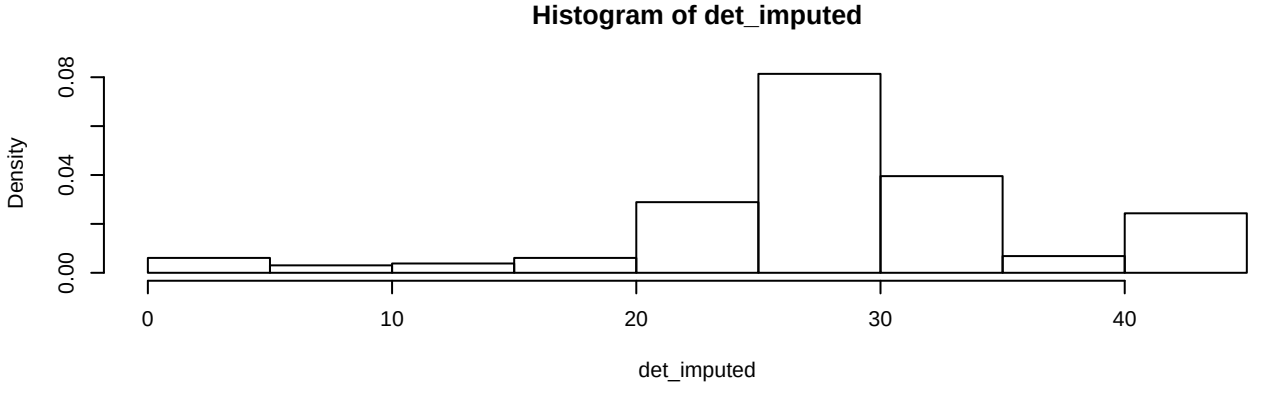
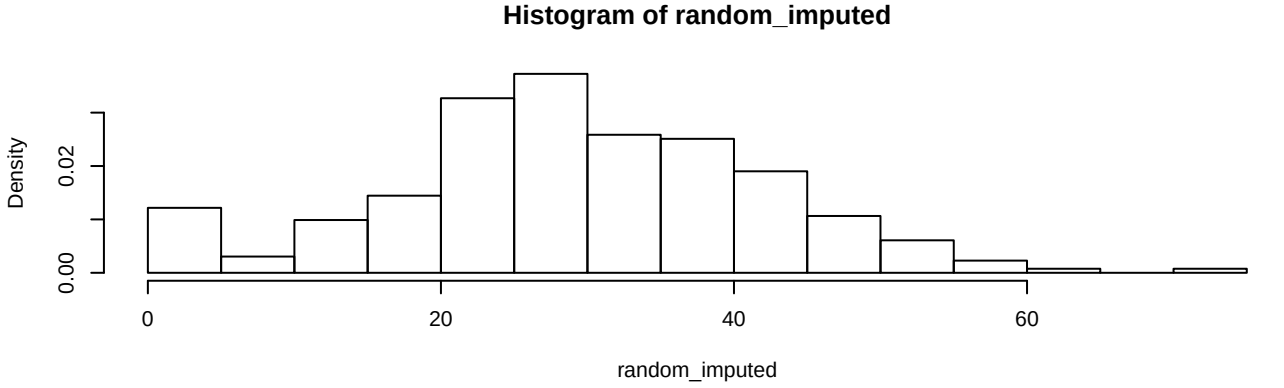
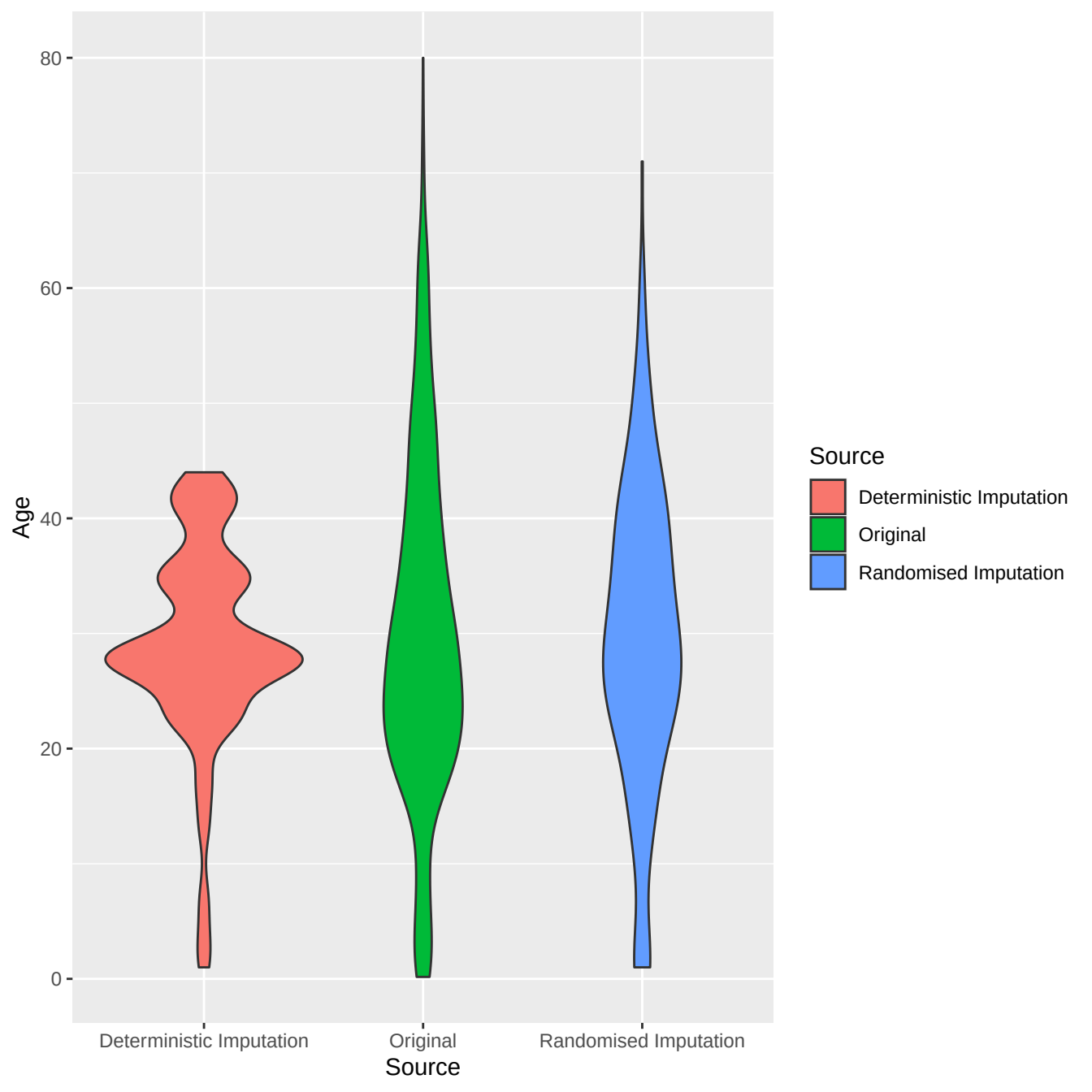

Age
0
20
40
60
80
1
2
3
Passenger Class

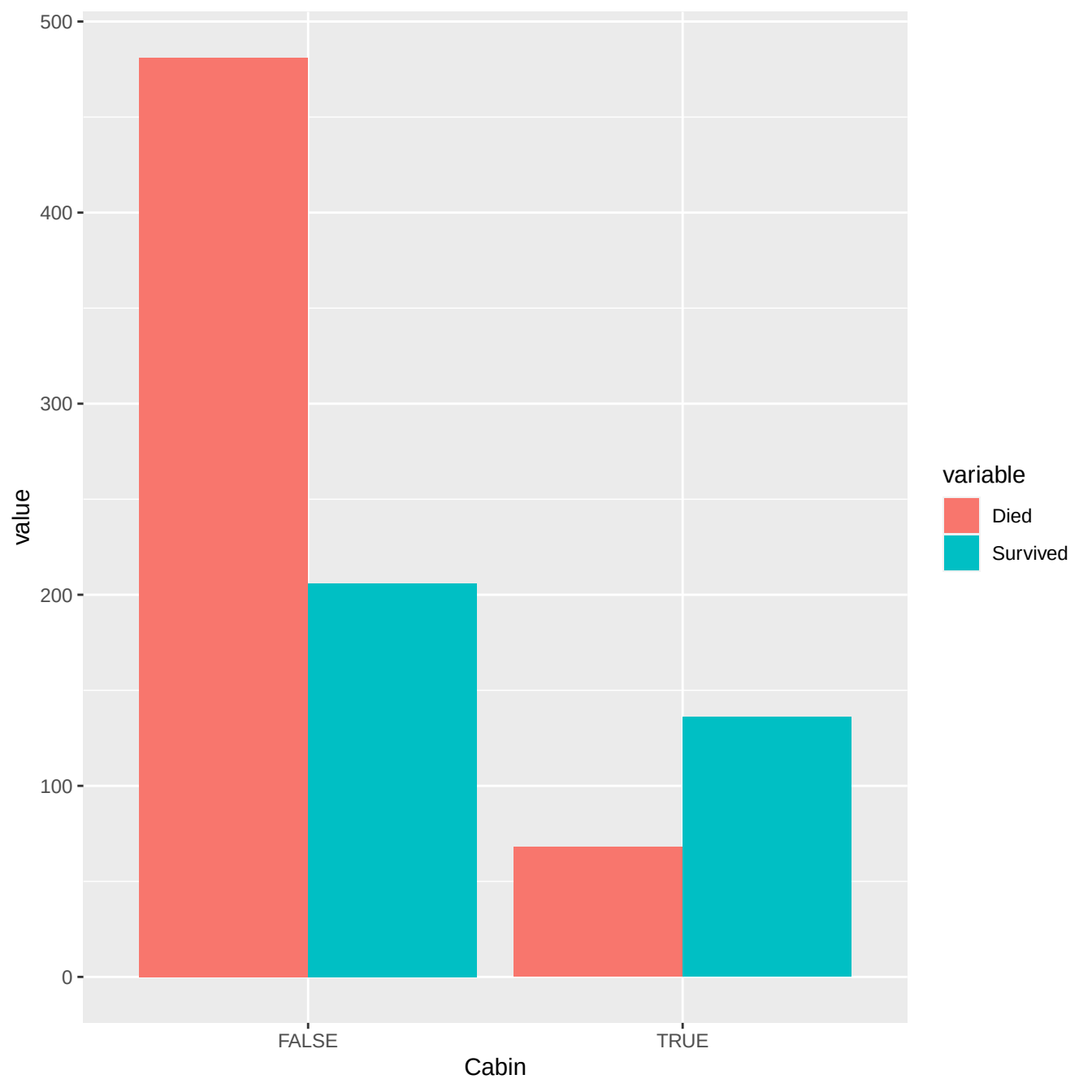

Age
0
20
40
60
80
0
1
2
3
4
5
8
siblings + spouses

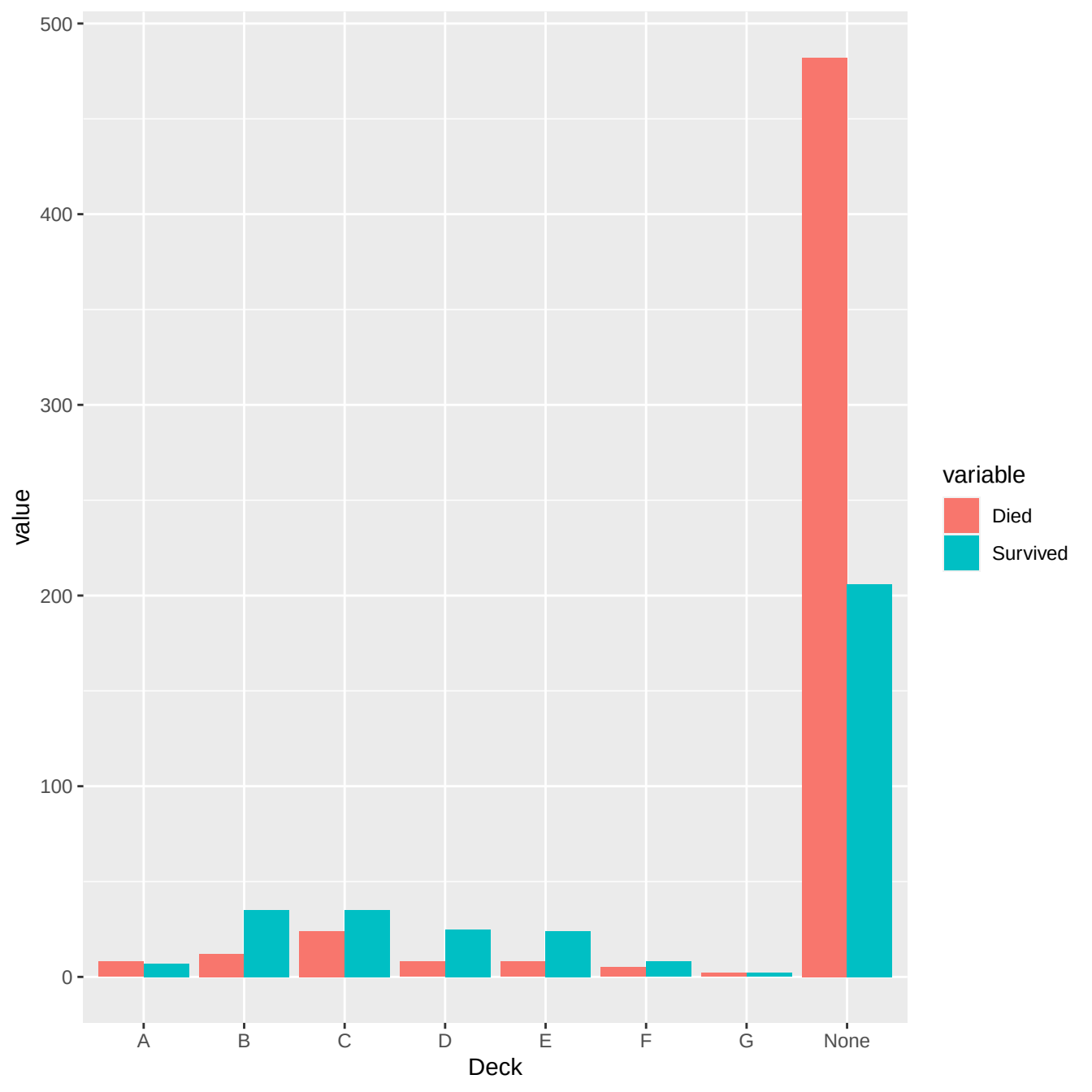

Histogram of rr_train$Age
Density
0.000
0.015
0.030
0
20
40
60
80
rr_train$Age

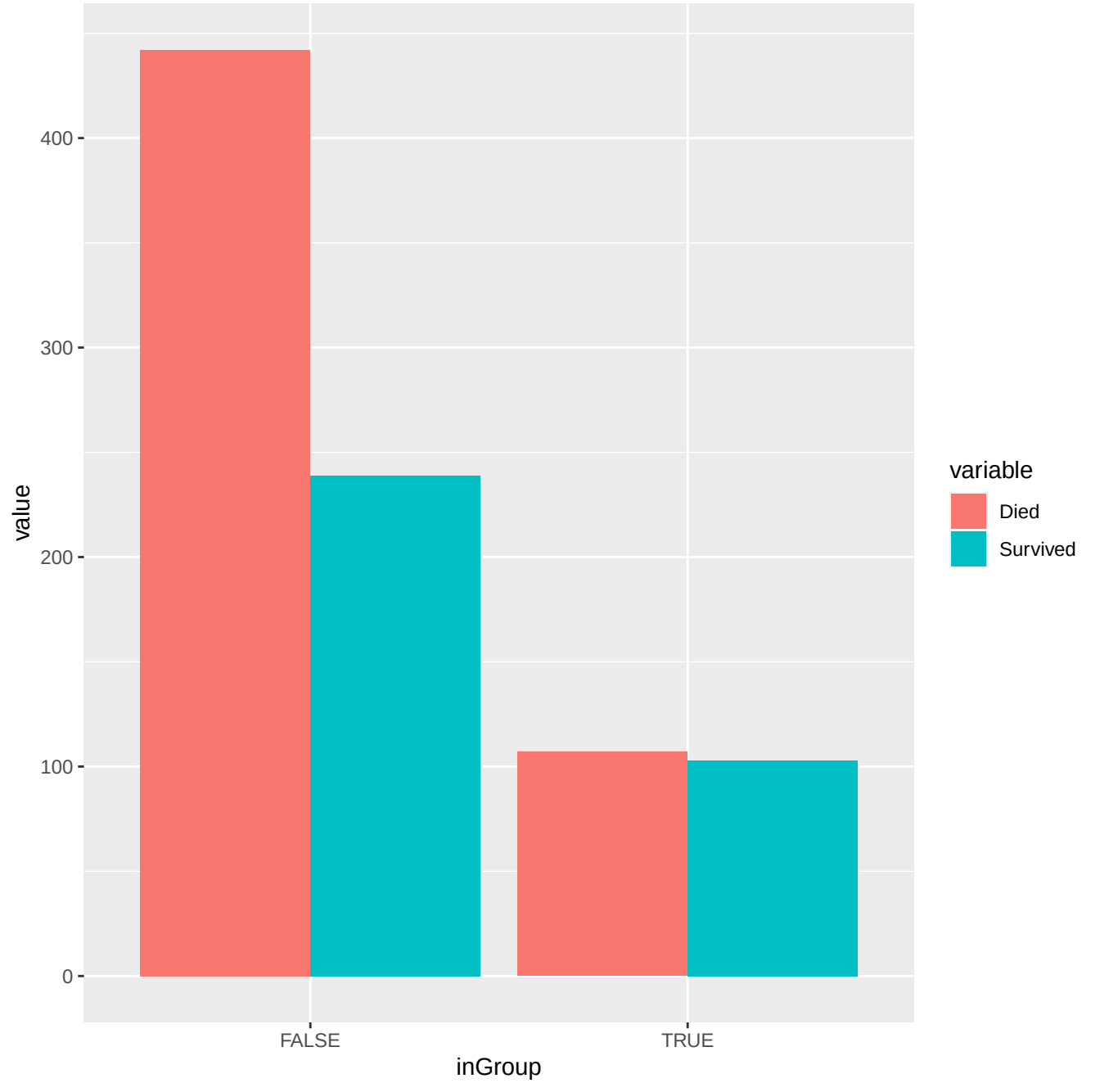

Histogram of det_imputed
Density
0.00
0.04
0.08
0
10
20
30
40
det_imputed

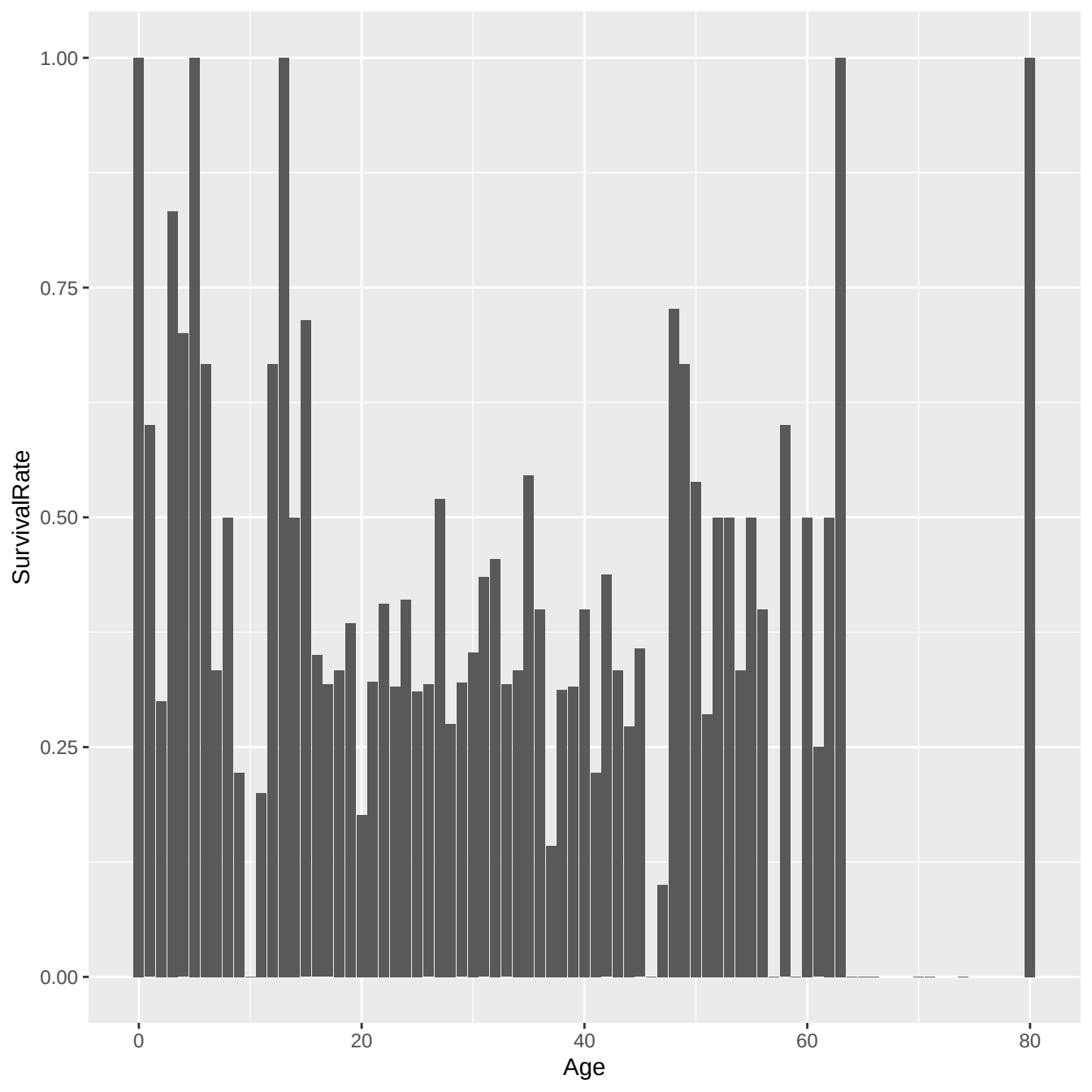

Histogram of random_imputed
Density
0.00
0.02
0
20
40
60
random_imputed

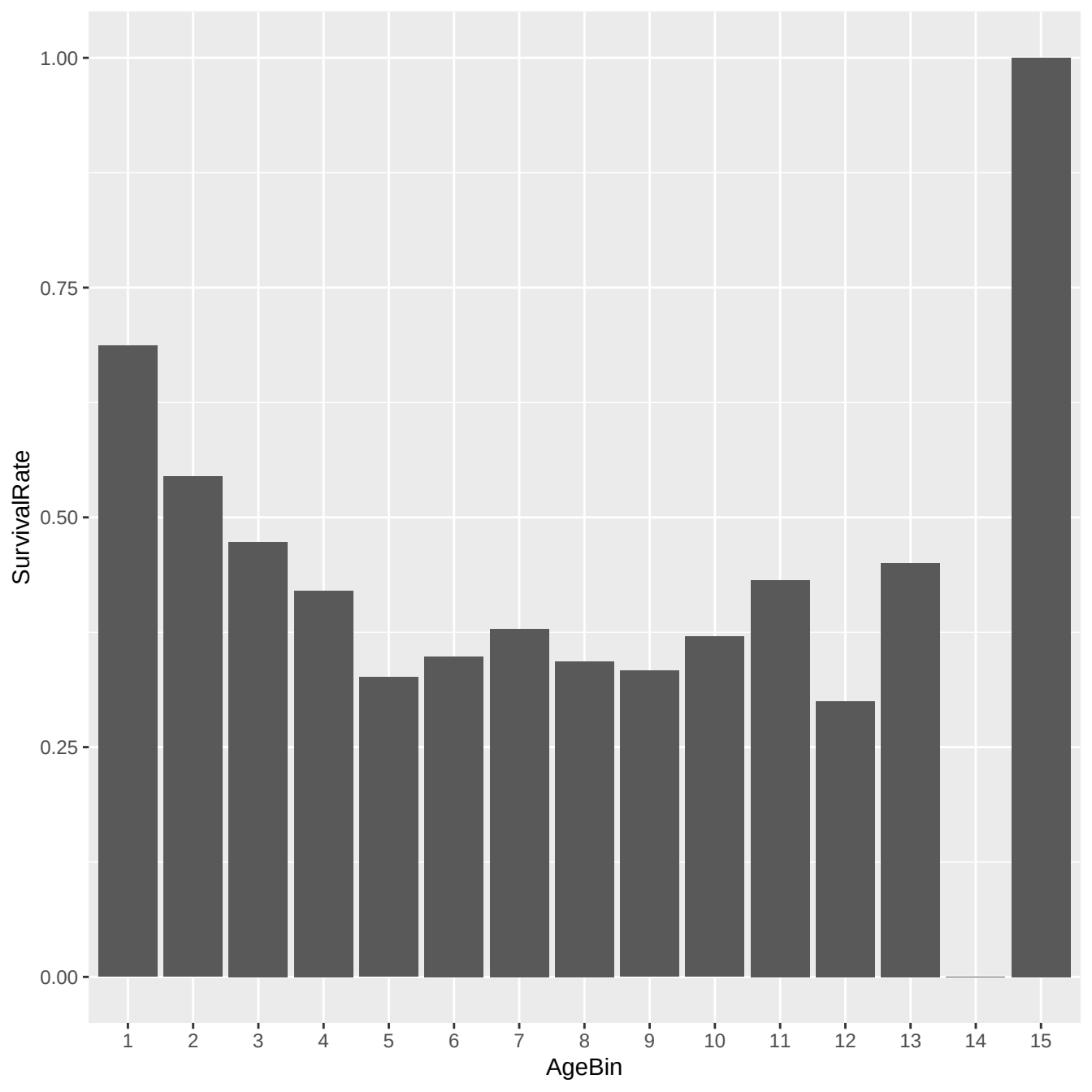

80
60
40
20
0
Age
Deterministic Imputation
Original
Randomised Imputation
Source
Source
Deterministic Imputation
Original
Randomised Imputation

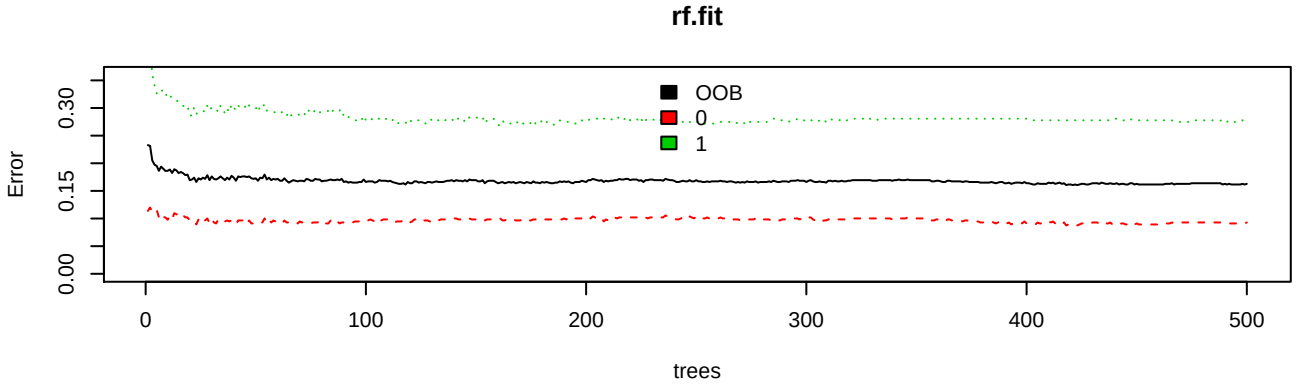

500
400
300
200
100
0
value
FALSE
TRUE
Cabin
variable
Died
Survived

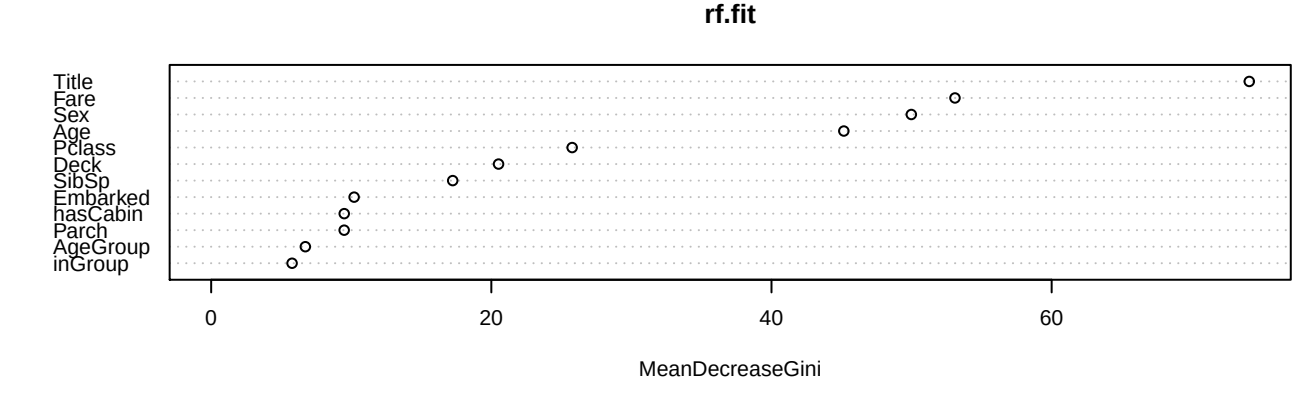

500
400
300
200
100
0
value
A
B
C
D
E
F
G
None
Deck
variable
Died
Survived


400
300
200
100
0
value
FALSE
TRUE
inGroup
variable
Died
Survived


1.00
0.75
0.50
0.25
0.00
SurvivalRate
0
20
40
60
80
Age


1.00
0.75
0.50
0.25
0.00
SurvivalRate
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
AgeBin


rf.fit
OOB
0
1
Error
0.00
0.15
0.30
0
100
200
300
400
500
trees


rf.fit
Title
Fare
Sex
Age
Pclass
Deck
SibSp
Embarked
hasCabin
Parch
AgeGroup
inGroup
0
20
40
60
MeanDecreaseGini