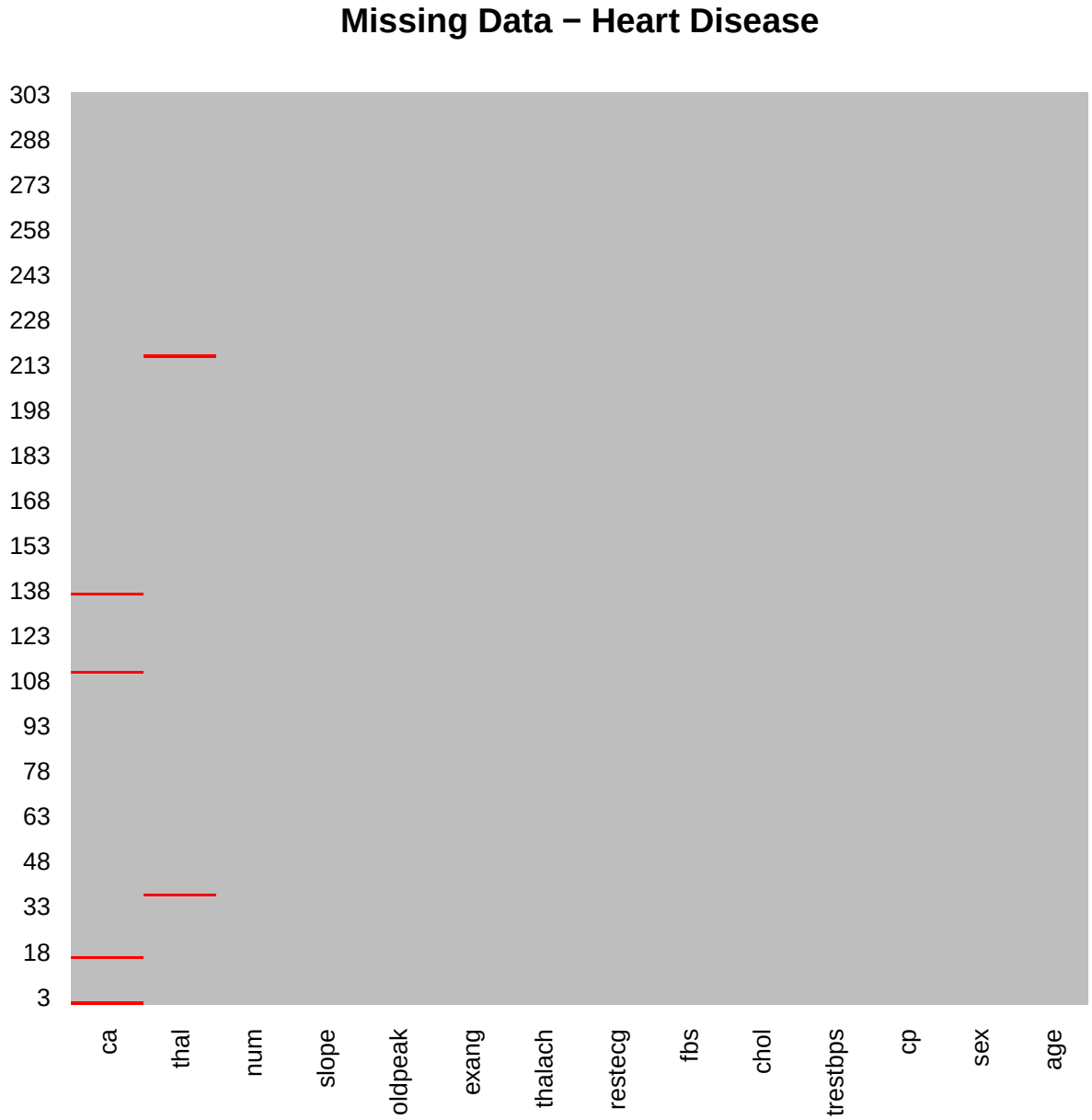
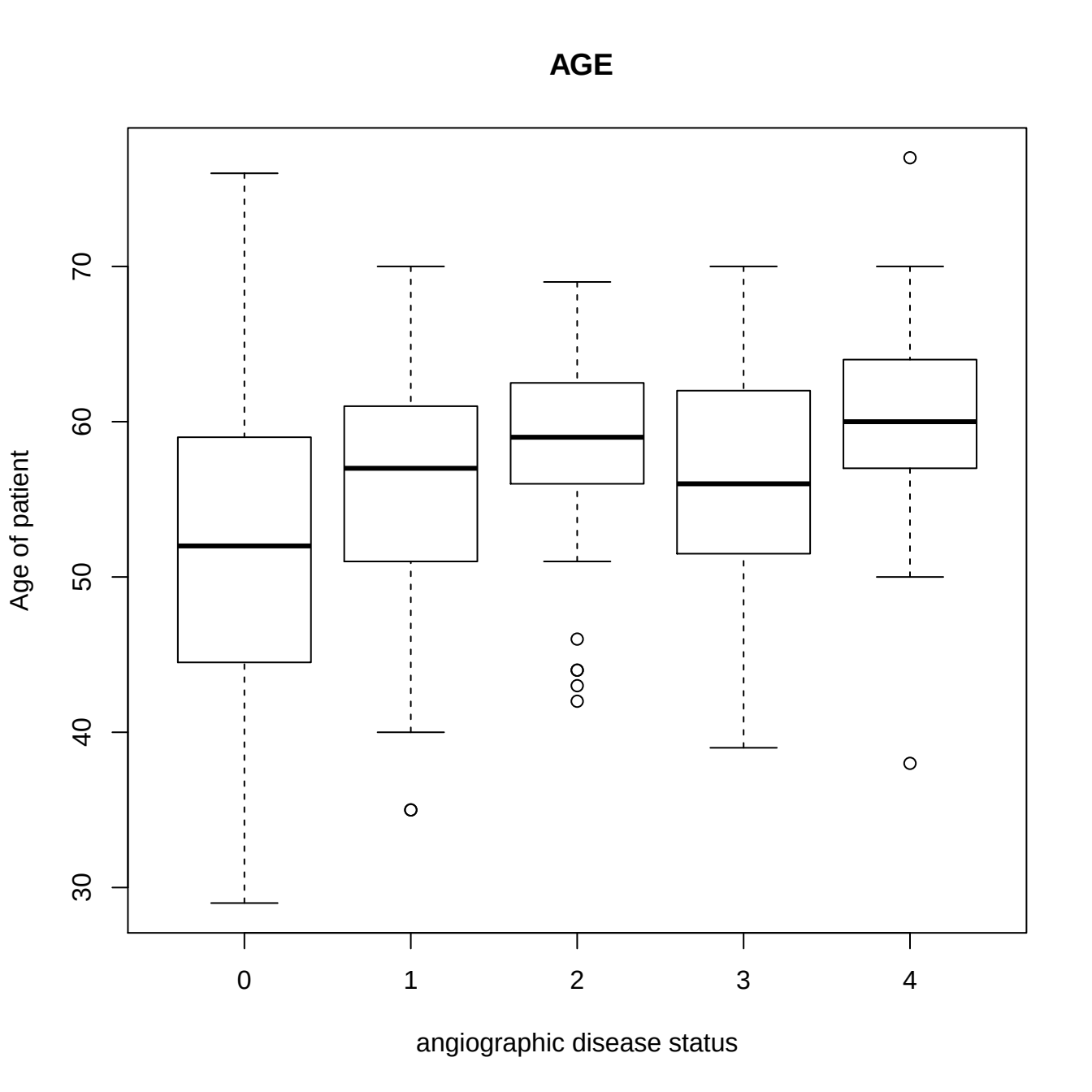
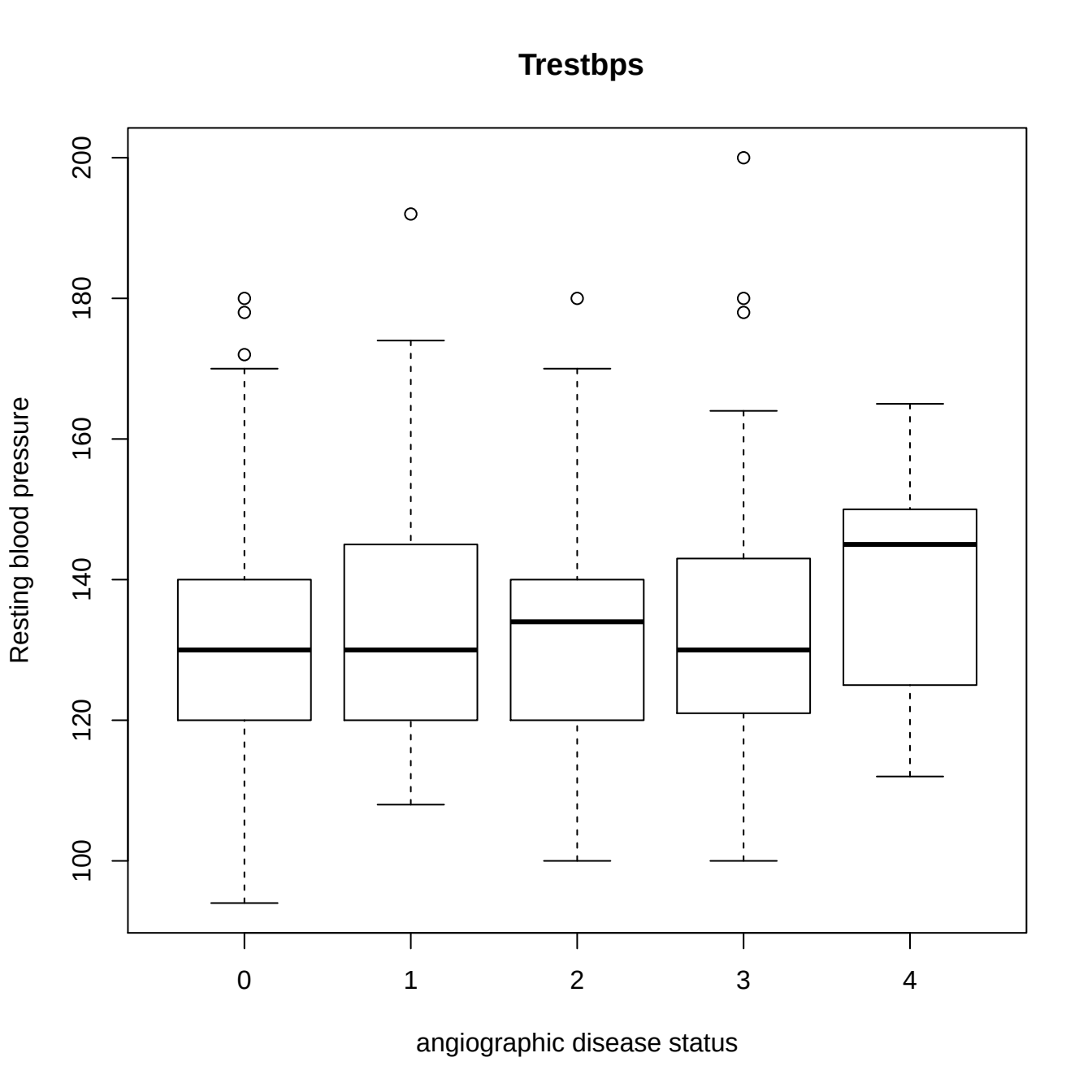
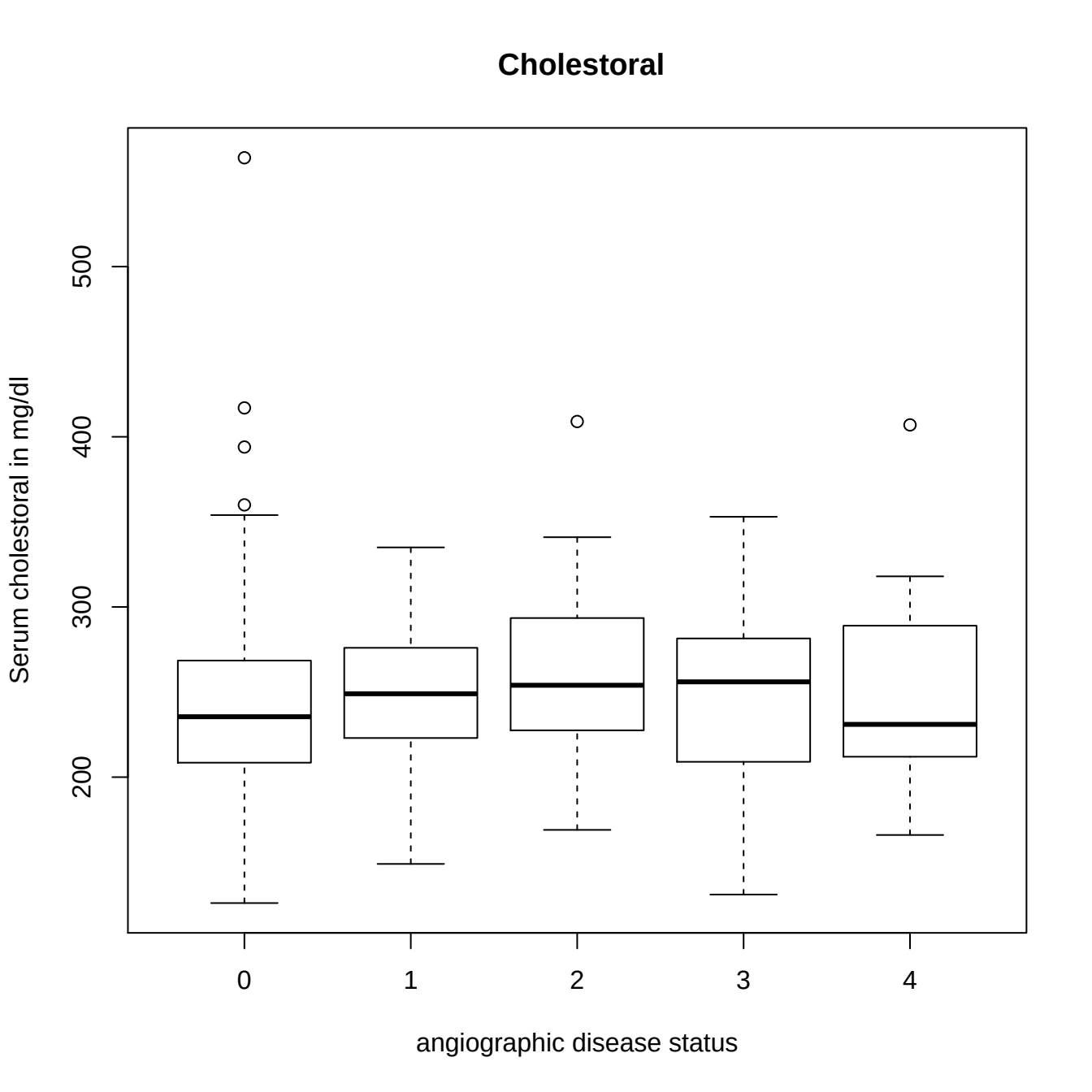
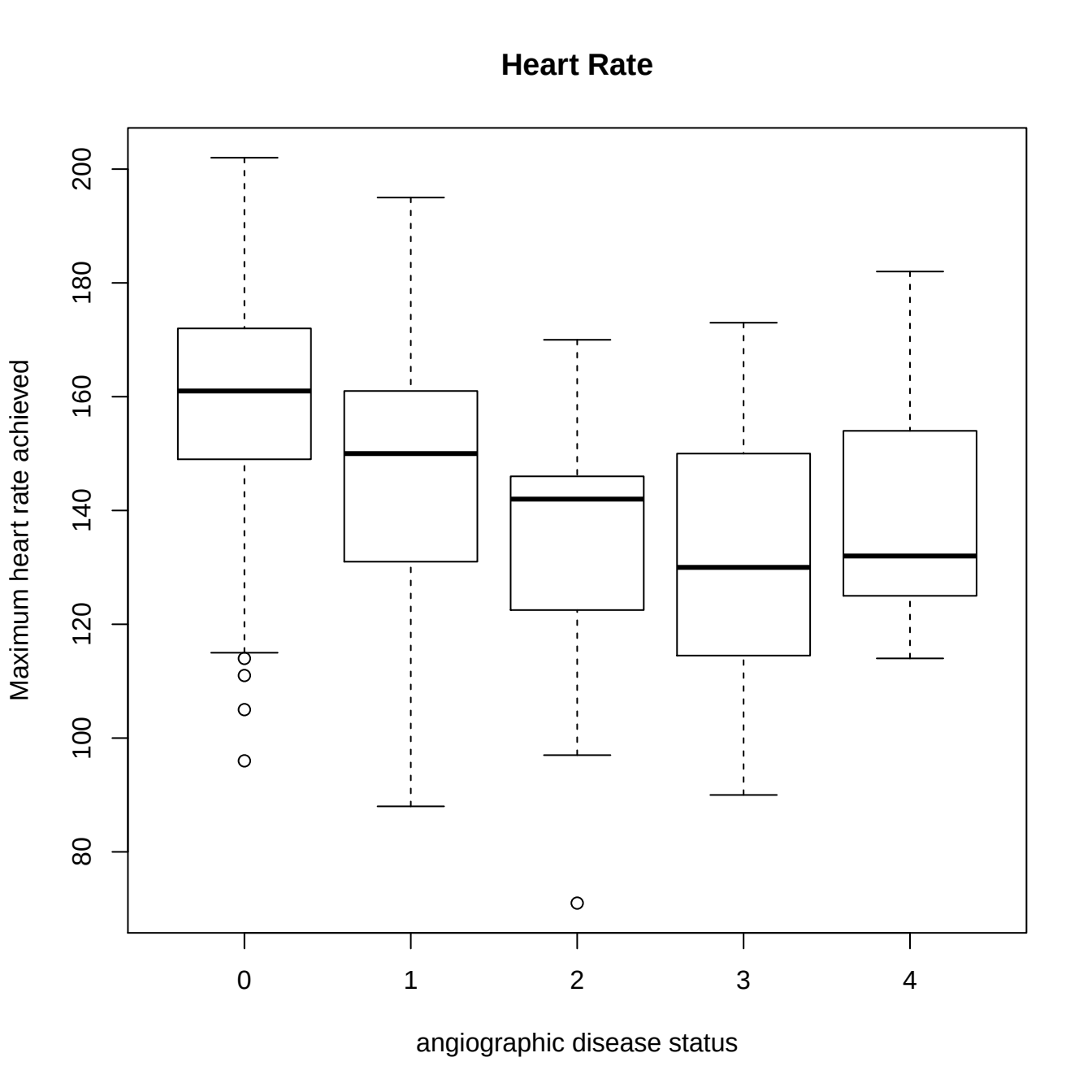
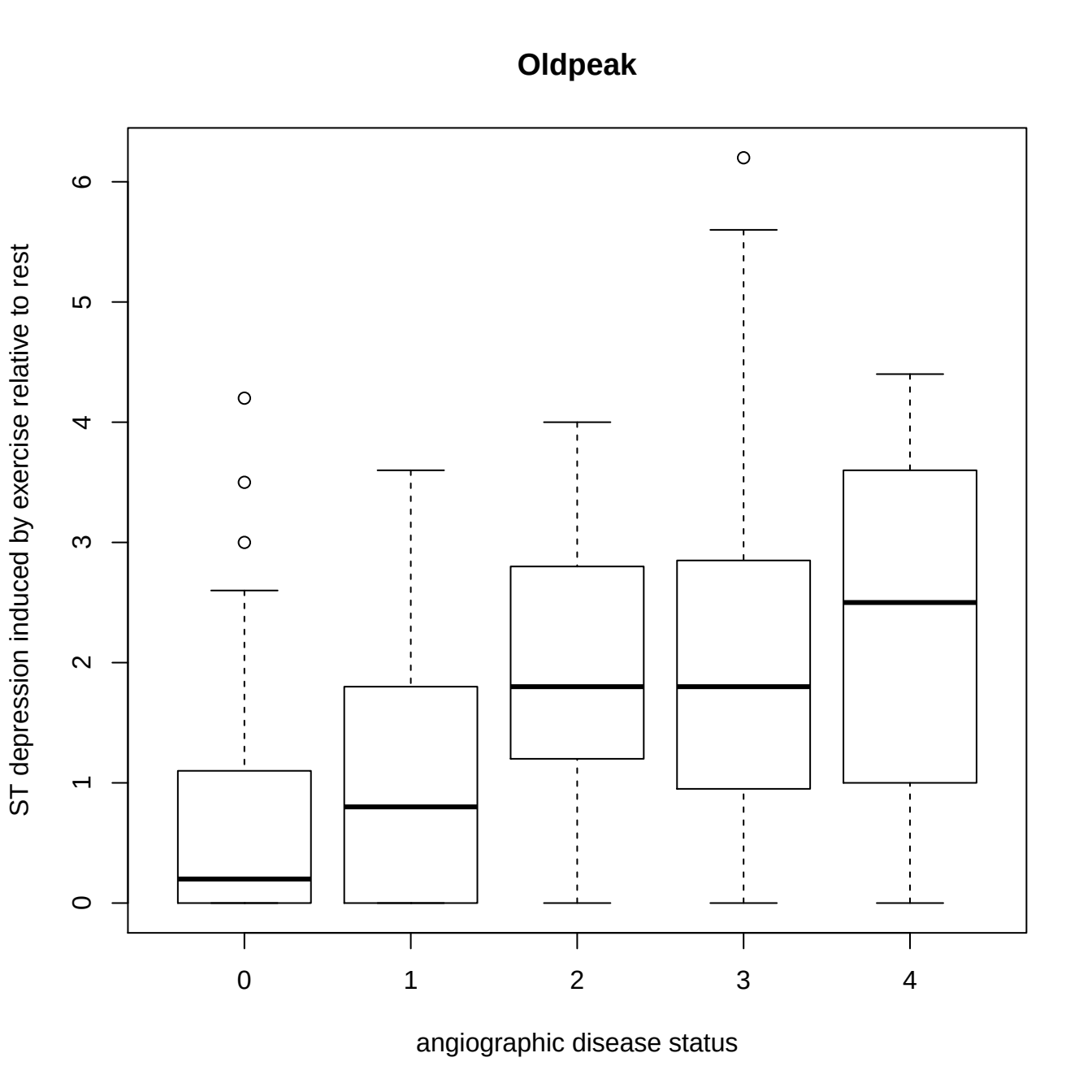

Missing Data − Heart Disease
303
288
273
258
243
228
213
198
183
168
153
138
123
108
93
78
63
48
33
18
3
ca
thal
num
slope
oldpeak
exang
thalach
restecg
fbs
chol
trestbps
cp
sex
age

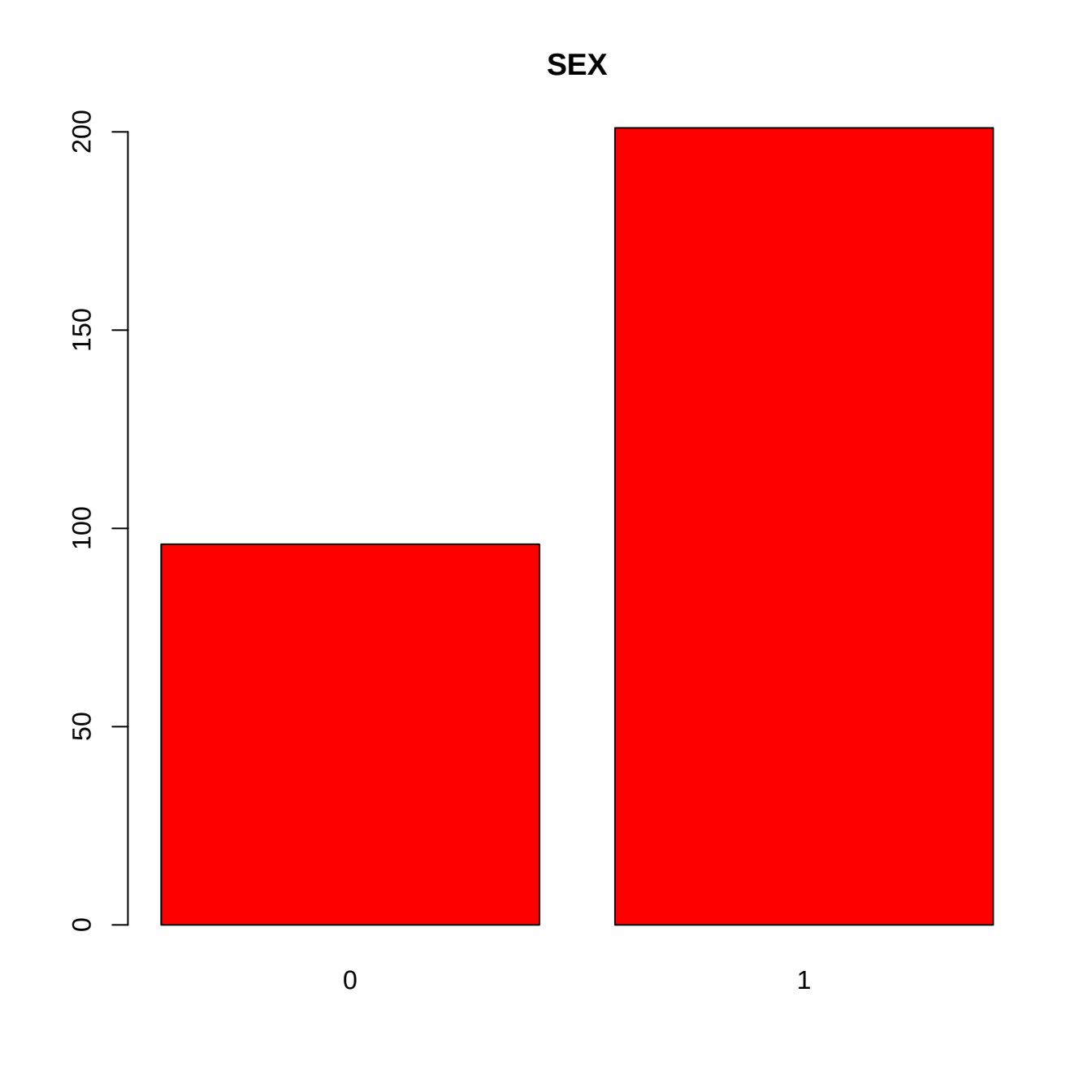

AGE
Age of patient
30
40
50
60
70
0
1
2
3
4
angiographic disease status

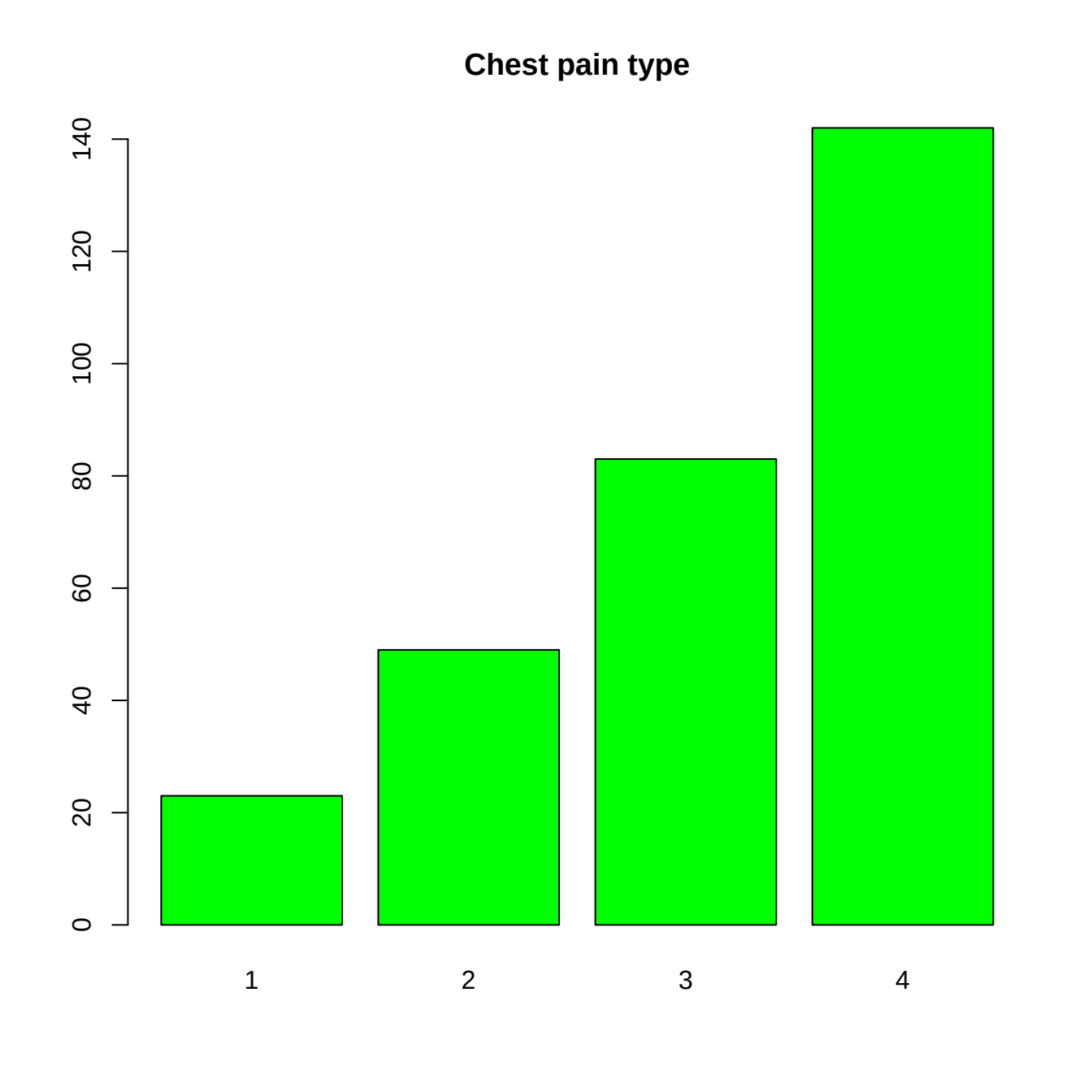

Trestbps
Resting blood pressure
100
120
140
160
180
200
0
1
2
3
4
angiographic disease status

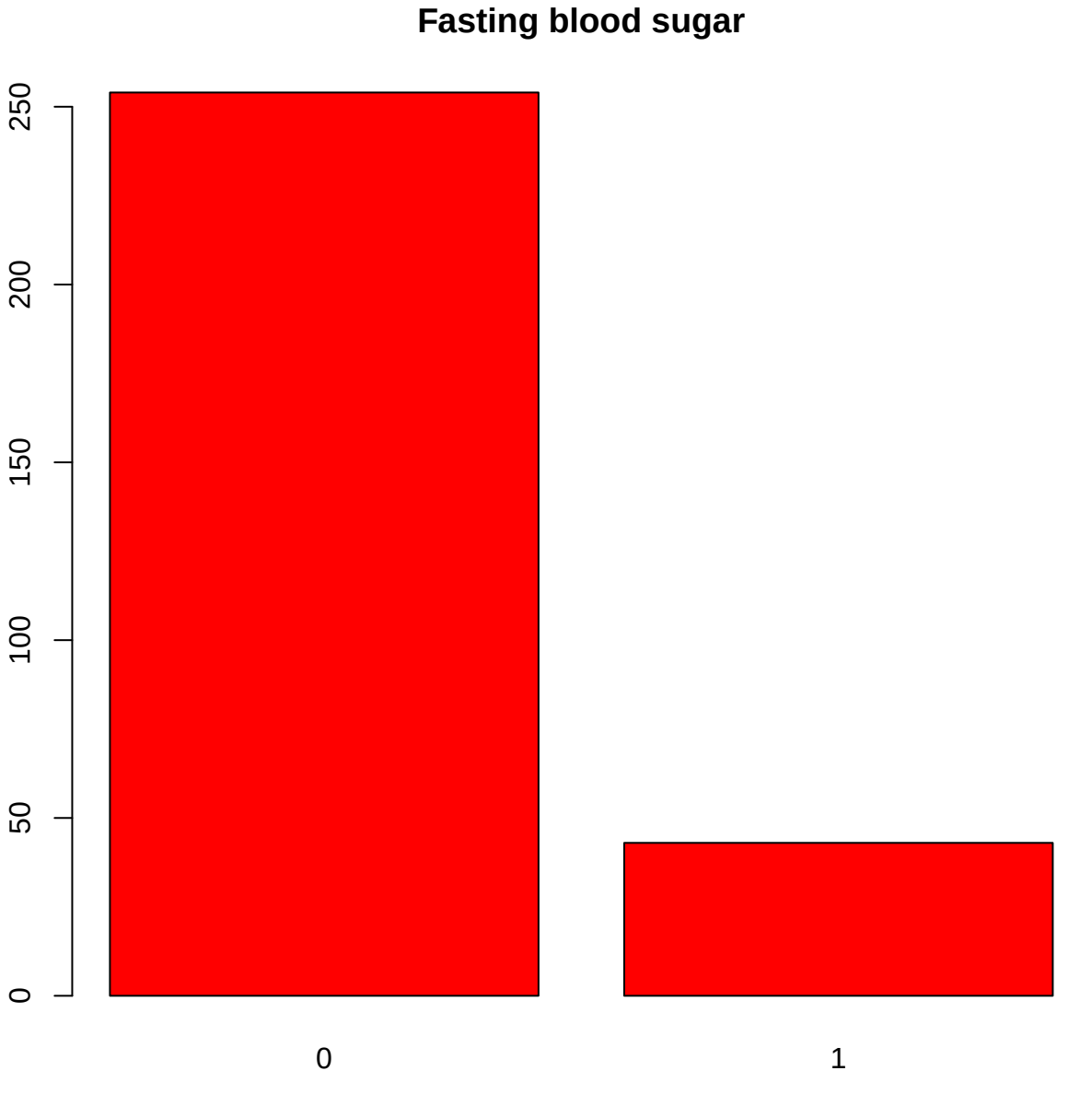

Cholestoral
Serum cholestoral in mg/dl
200
300
400
500
0
1
2
3
4
angiographic disease status

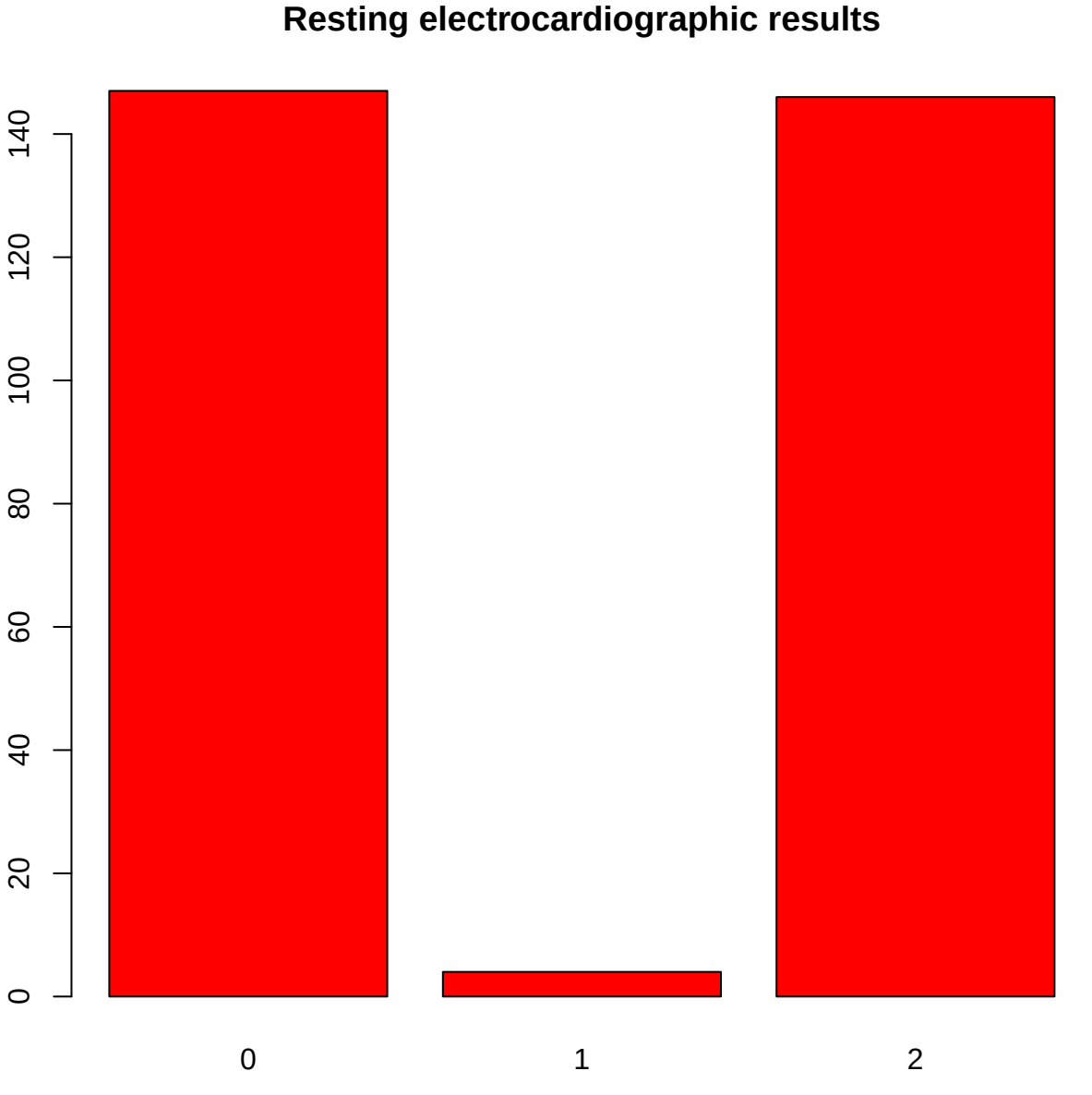

Heart Rate
Maximum heart rate achieved
80
100
120
140
160
180
200
0
1
2
3
4
angiographic disease status

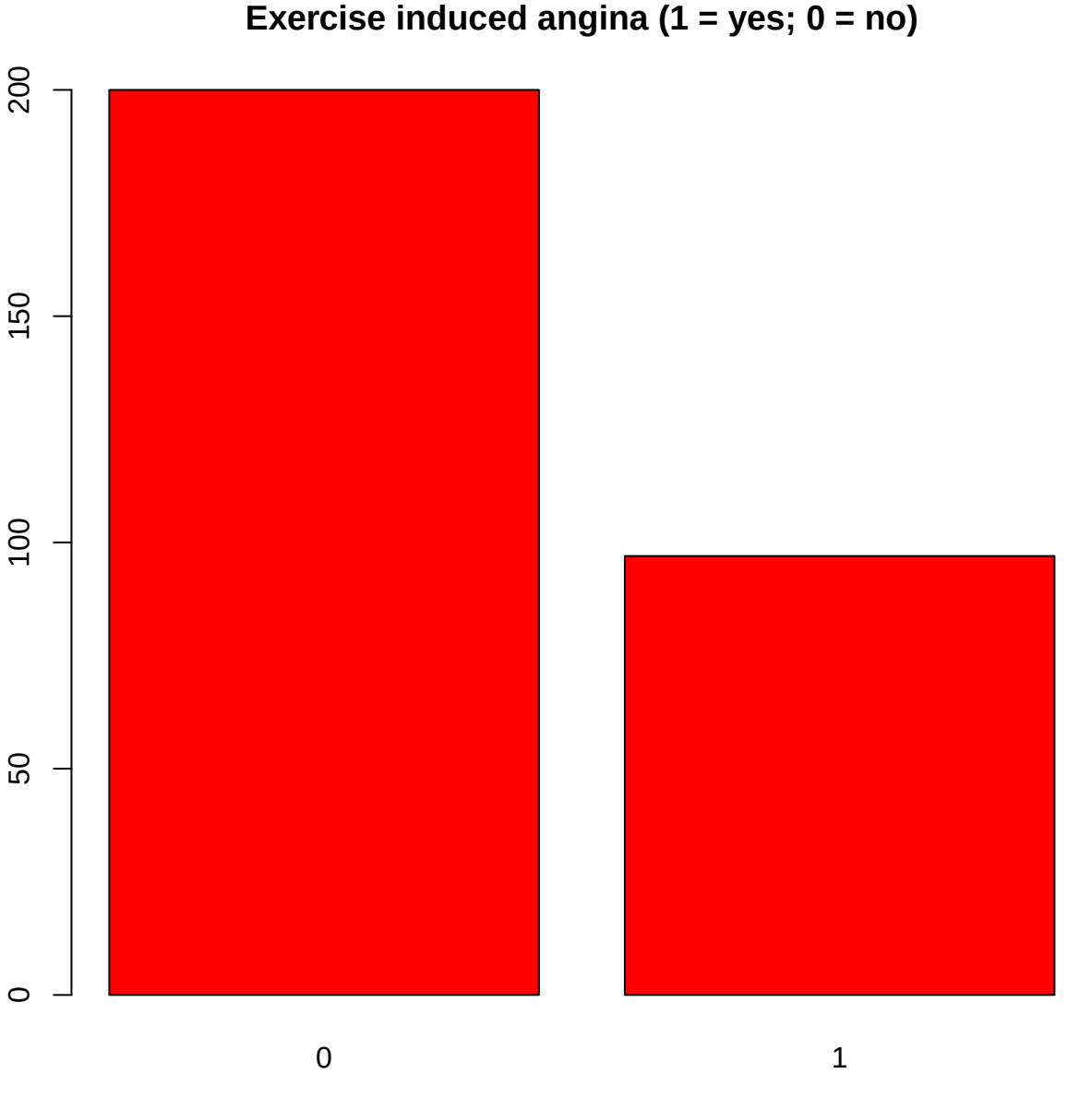

Oldpeak
ST depression induced by exercise relative to rest
0
1
2
3
4
5
6
0
1
2
3
4
angiographic disease status

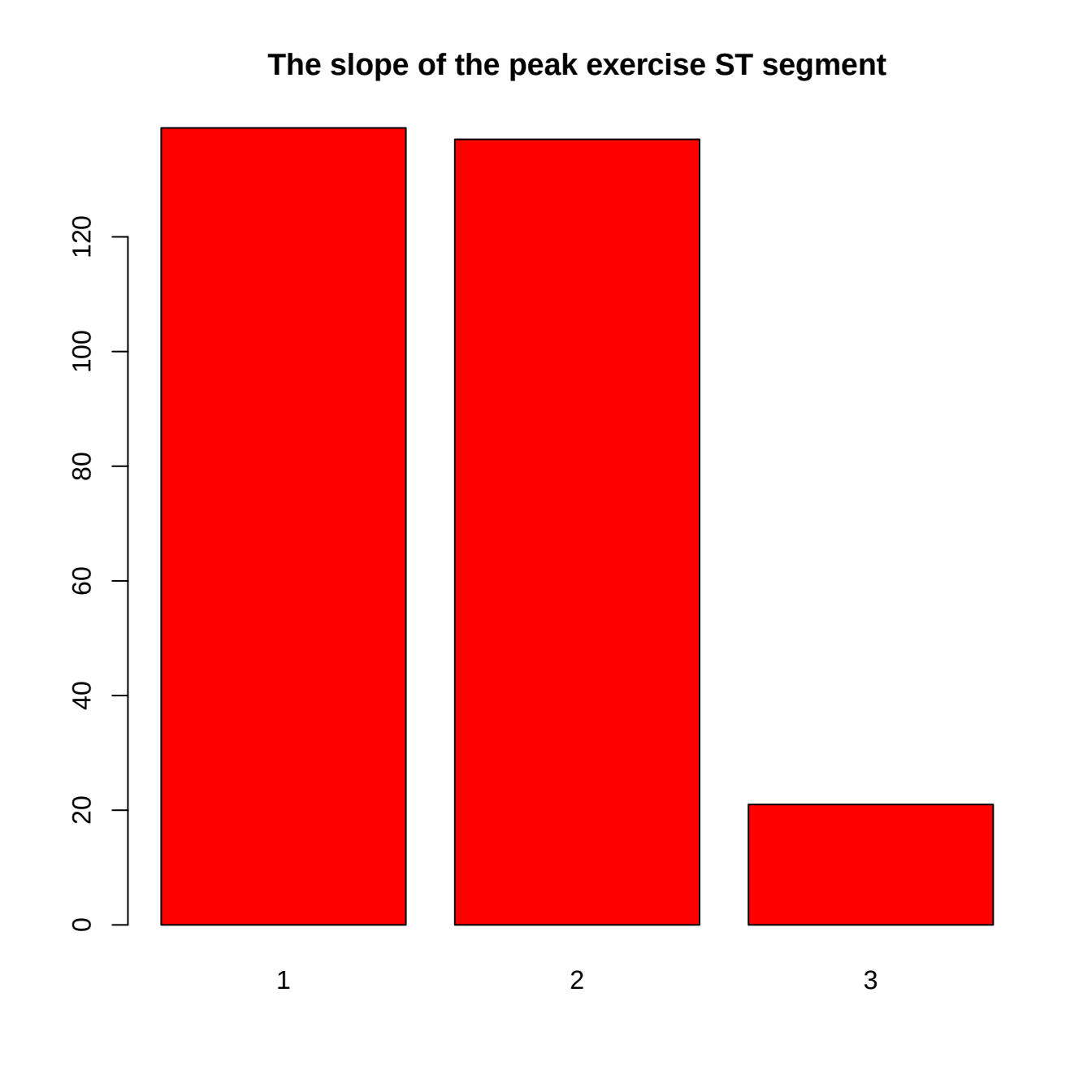

SEX
200
150
100
50
0
0
1

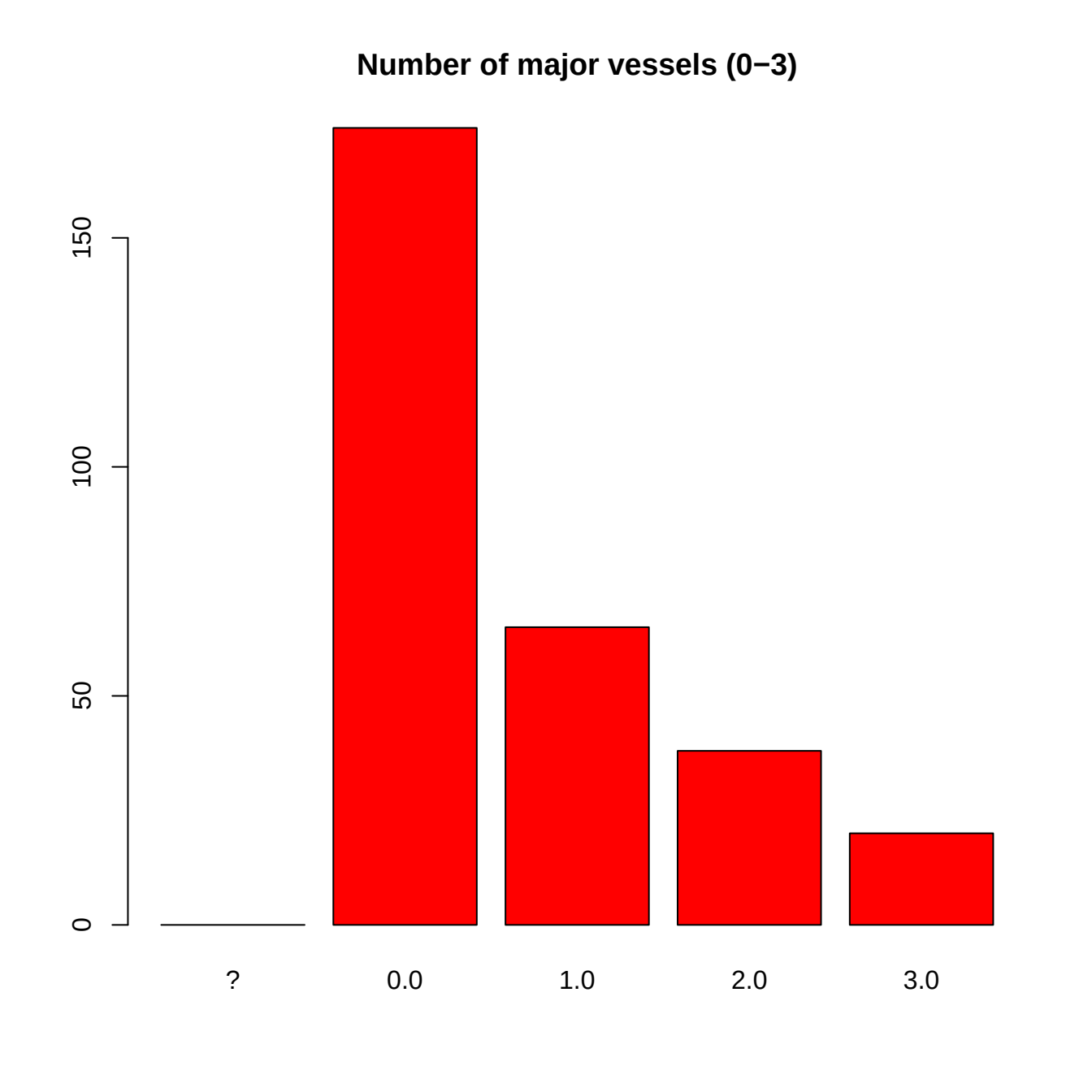

Chest pain type
0
20
40
60
80
100
120
140
1
2
3
4

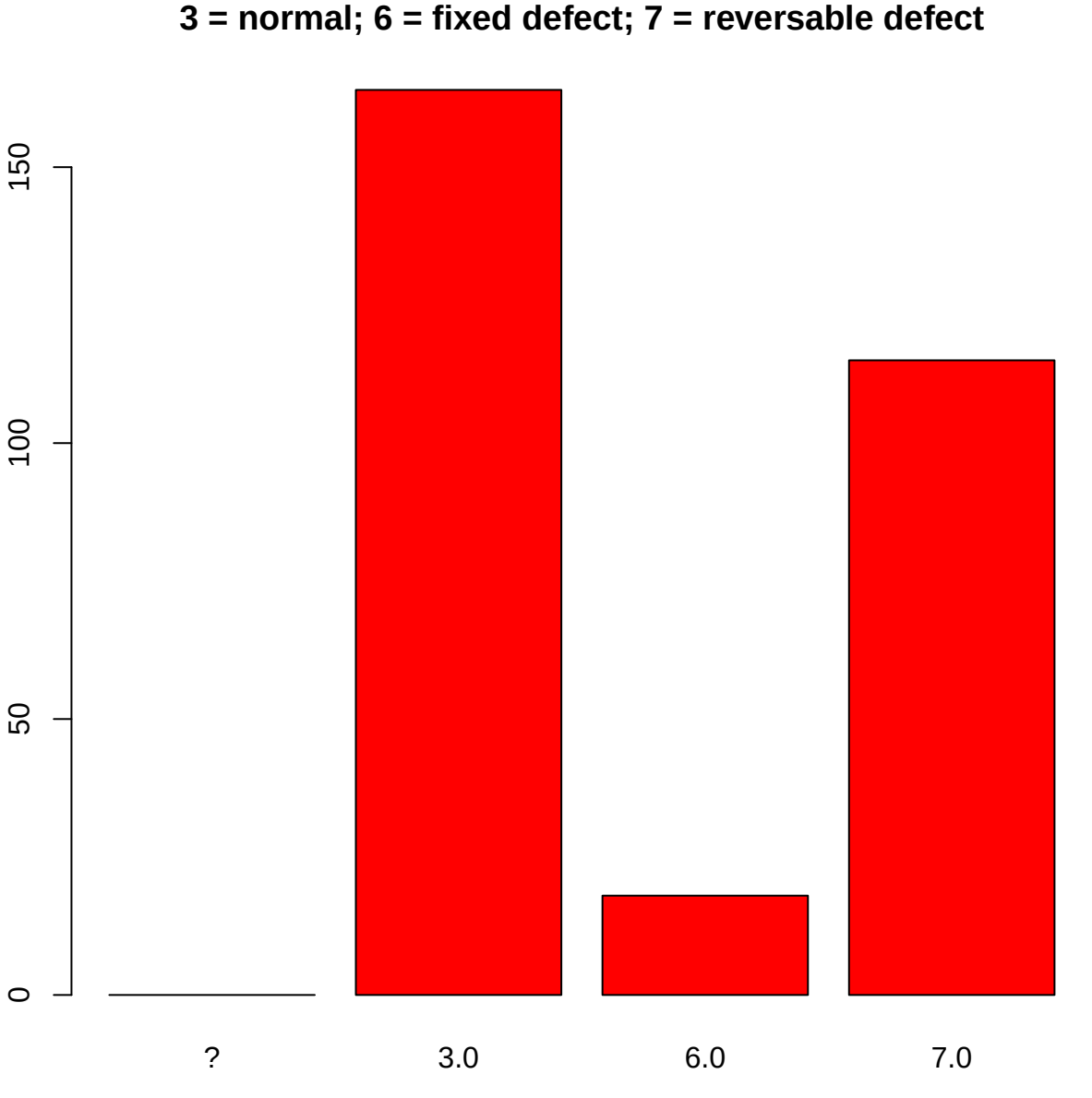

Fasting blood sugar
250
200
150
100
50
0
0
1

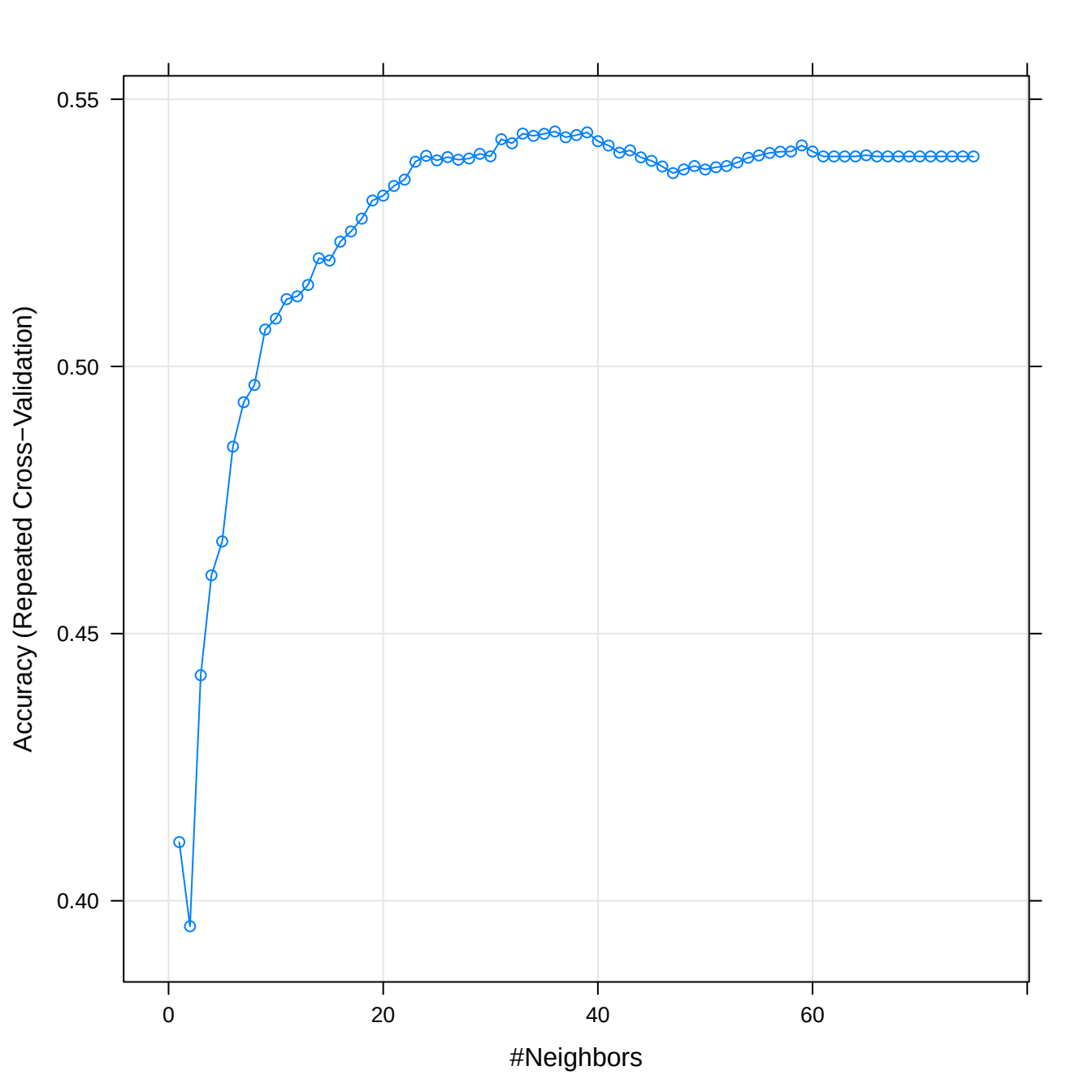

Resting electrocardiographic results
0
20
40
60
80
100
120
140
0
1
2


Exercise induced angina (1 = yes; 0 = no)
200
150
100
50
0
0
1


The slope of the peak exercise ST segment
0
20
40
60
80
100
120
1
2
3


Number of major vessels (0−3)
0
50
100
150
?
0.0
1.0
2.0
3.0


3 = normal; 6 = fixed defect; 7 = reversable defect
0
50
100
150
?
3.0
6.0
7.0


0.55
0.50
0.45
0.40
Accuracy (Repeated Cross−Validation)
0
20
40
60
#Neighbors