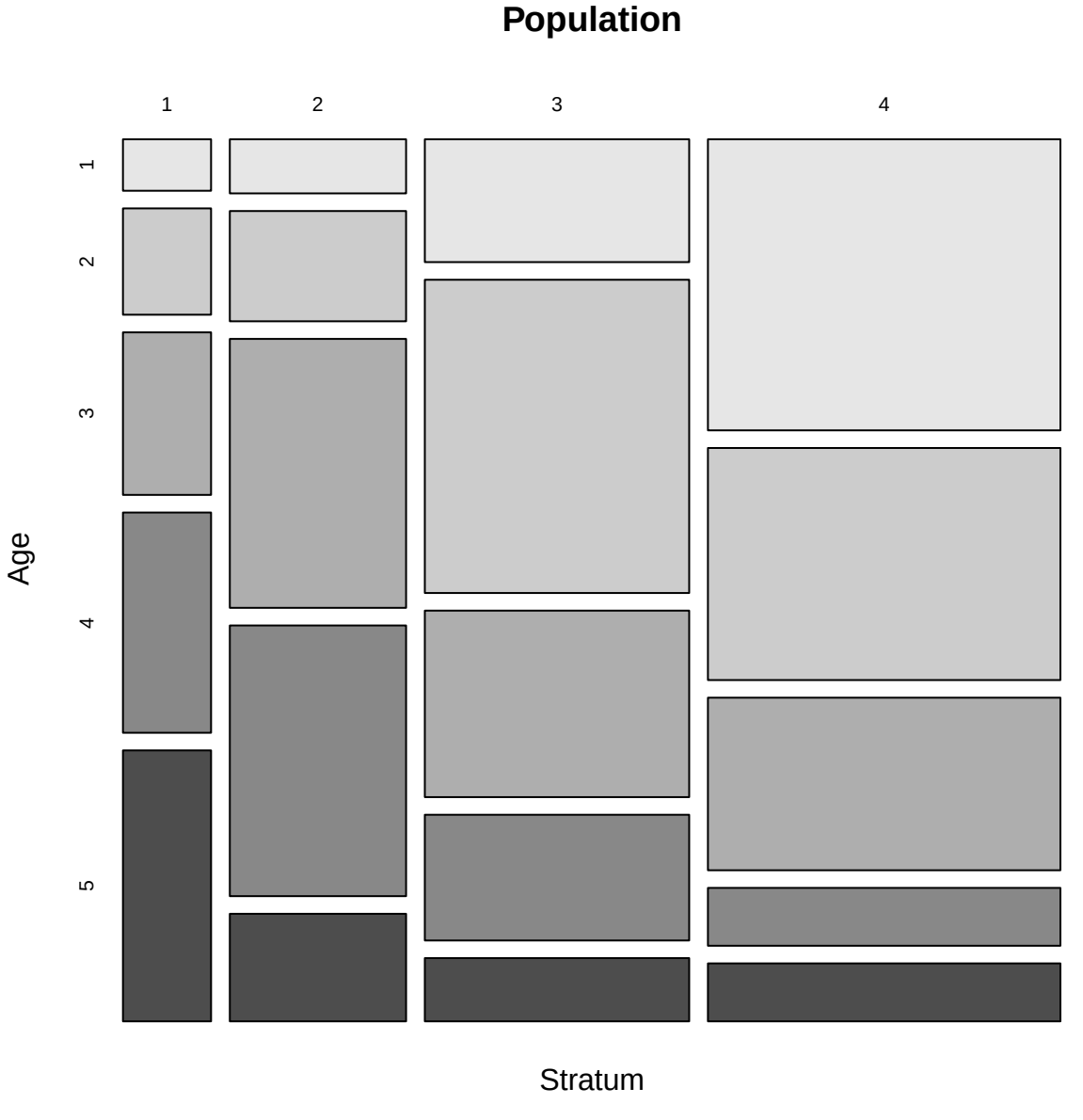
Population
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Age
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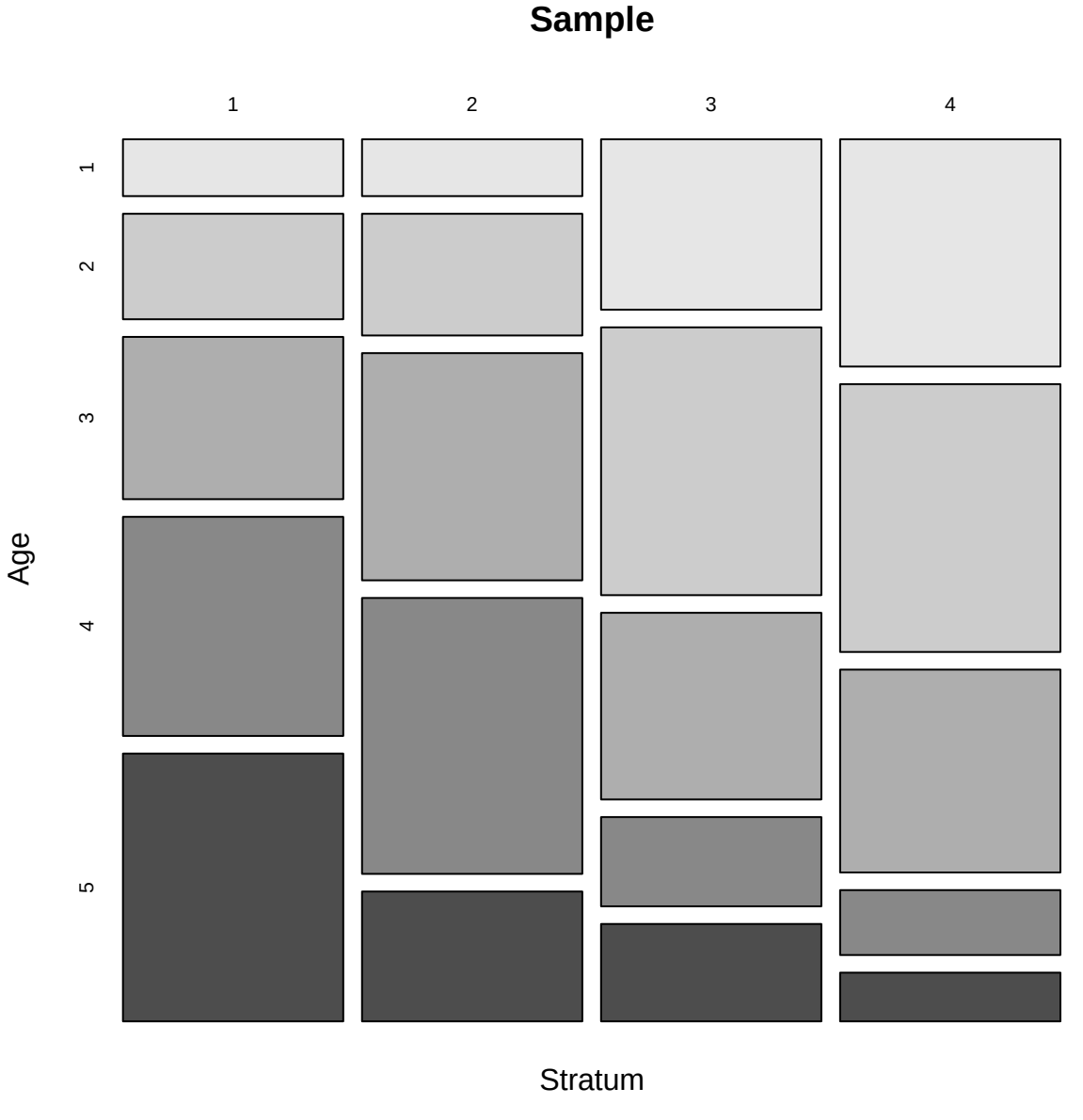
2
3
4
5
Stratum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Age
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4
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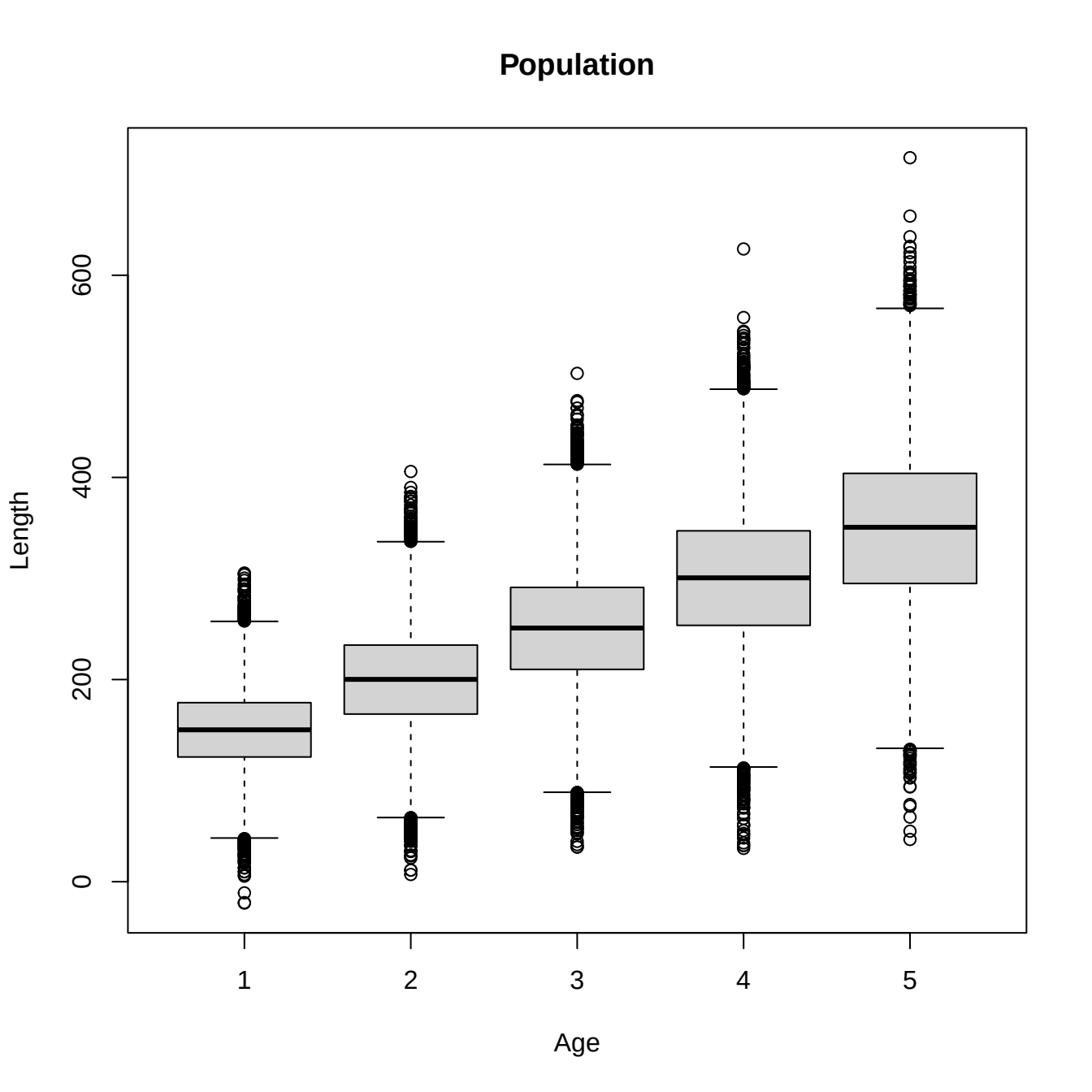
Stratum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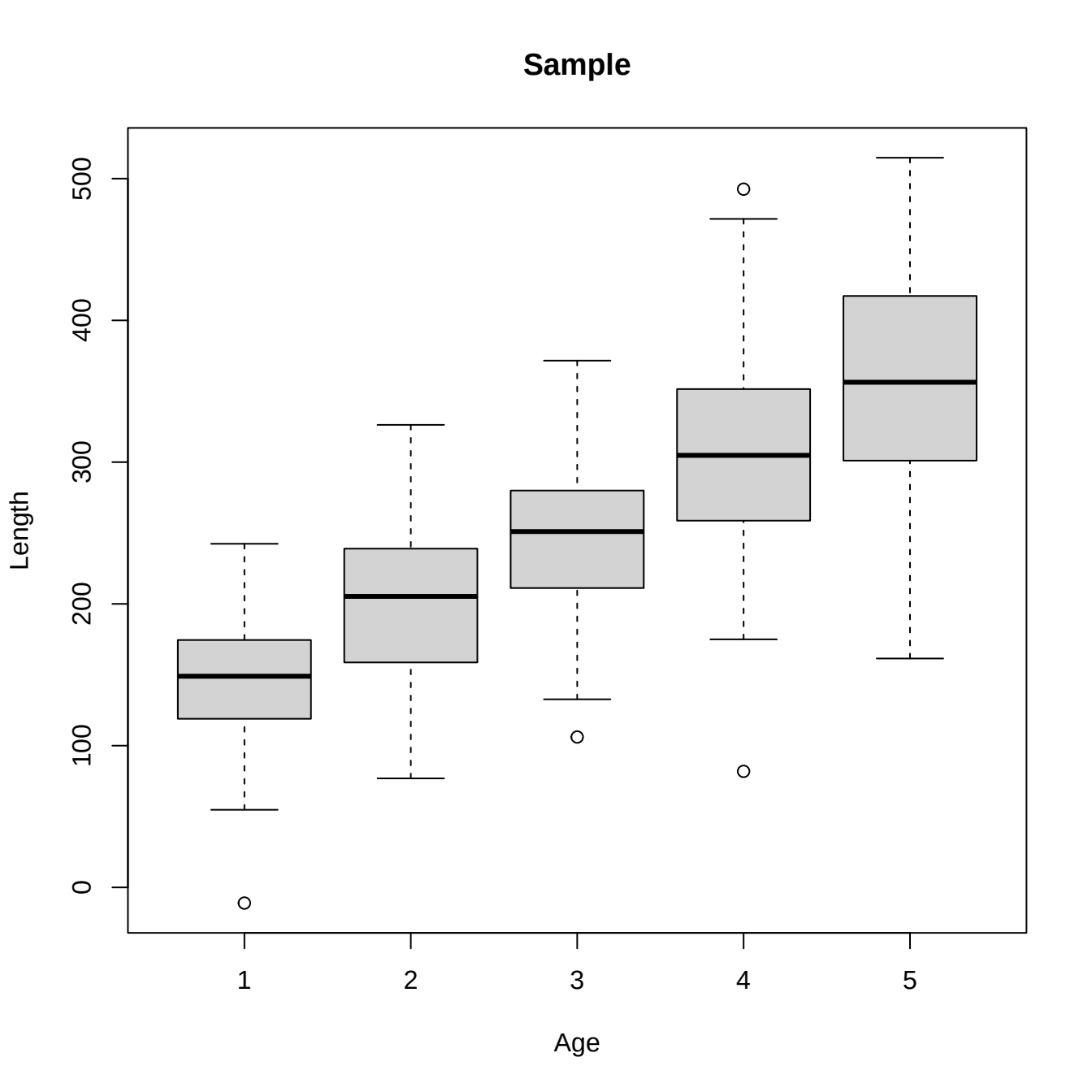
Age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3
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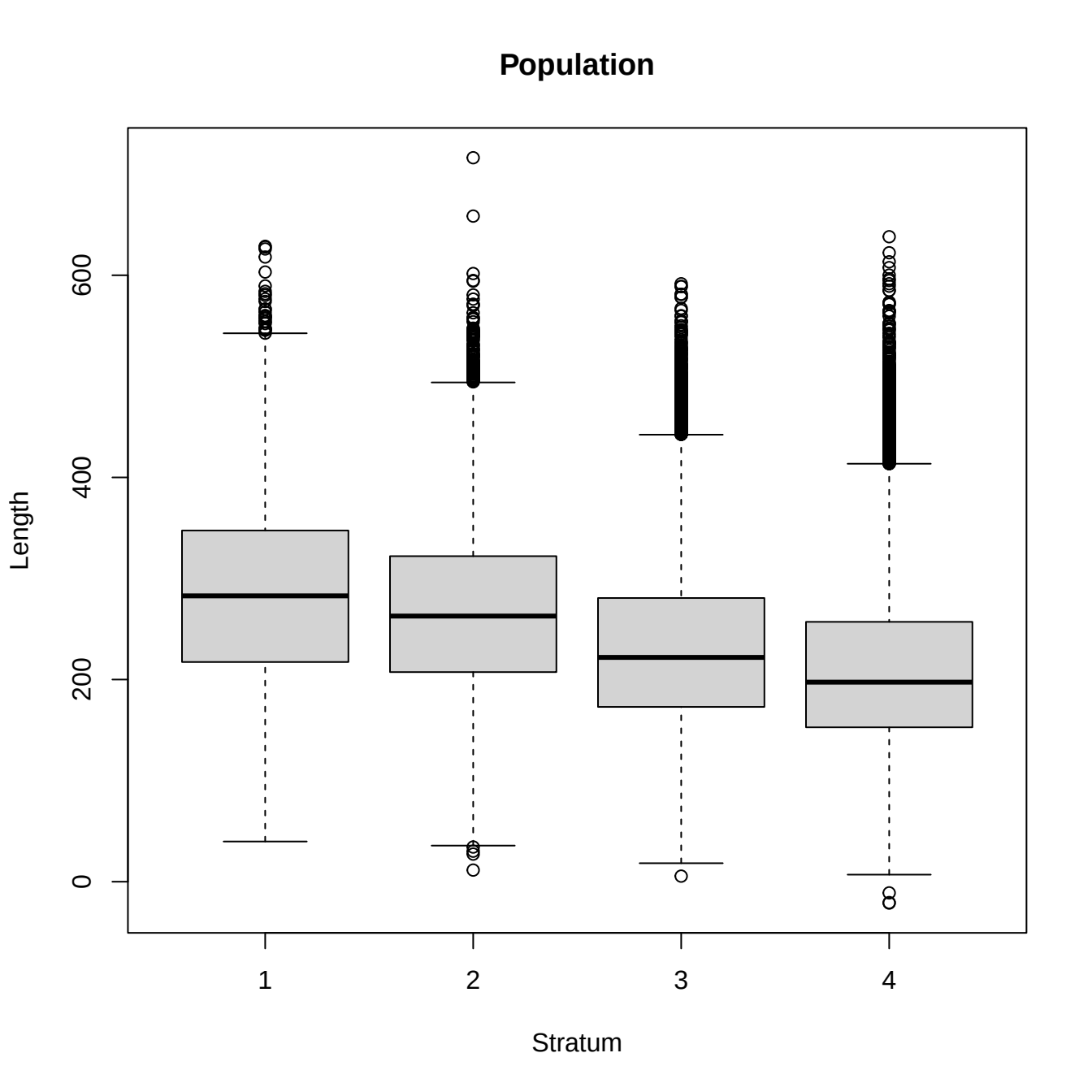
Age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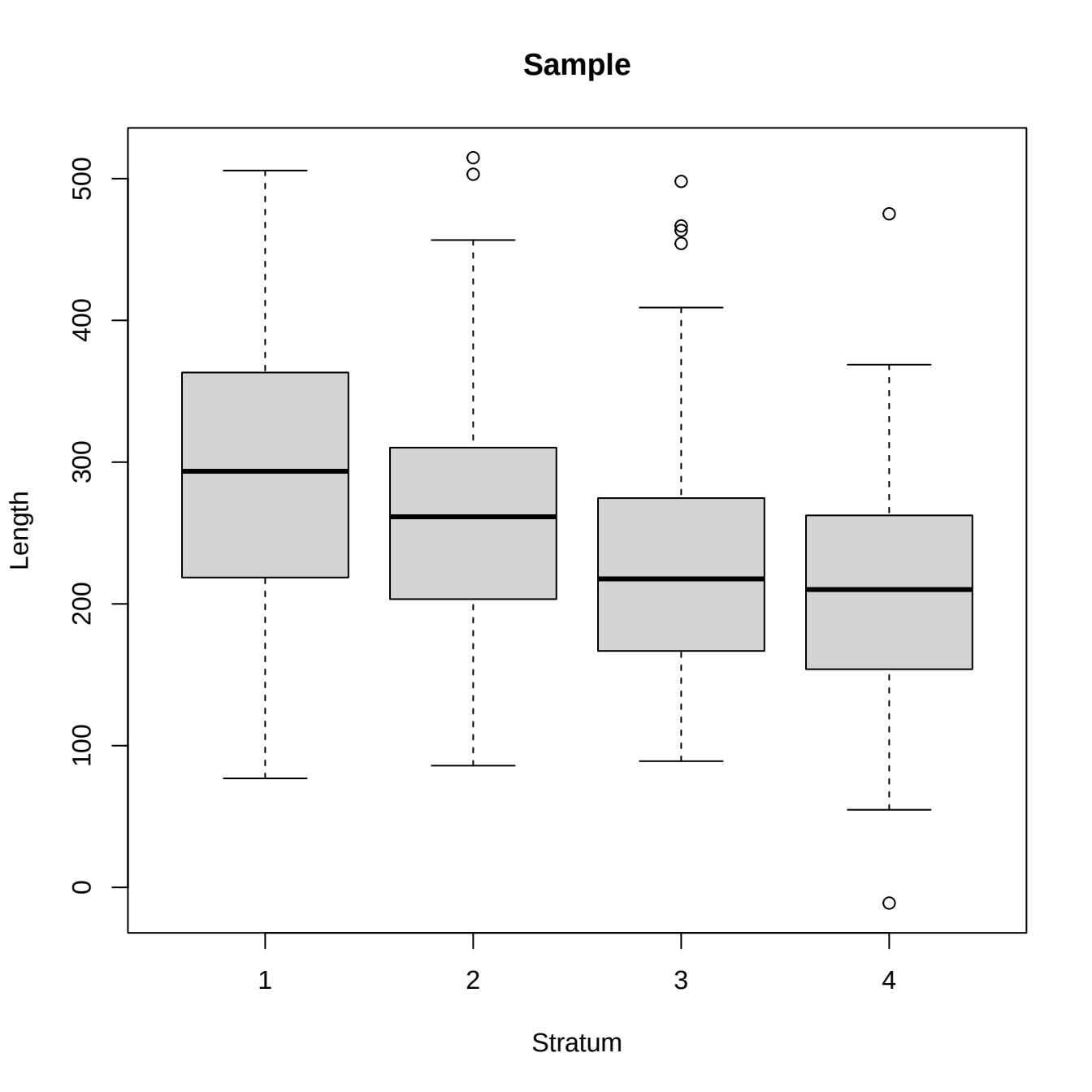
3
4
Stratum


Sample
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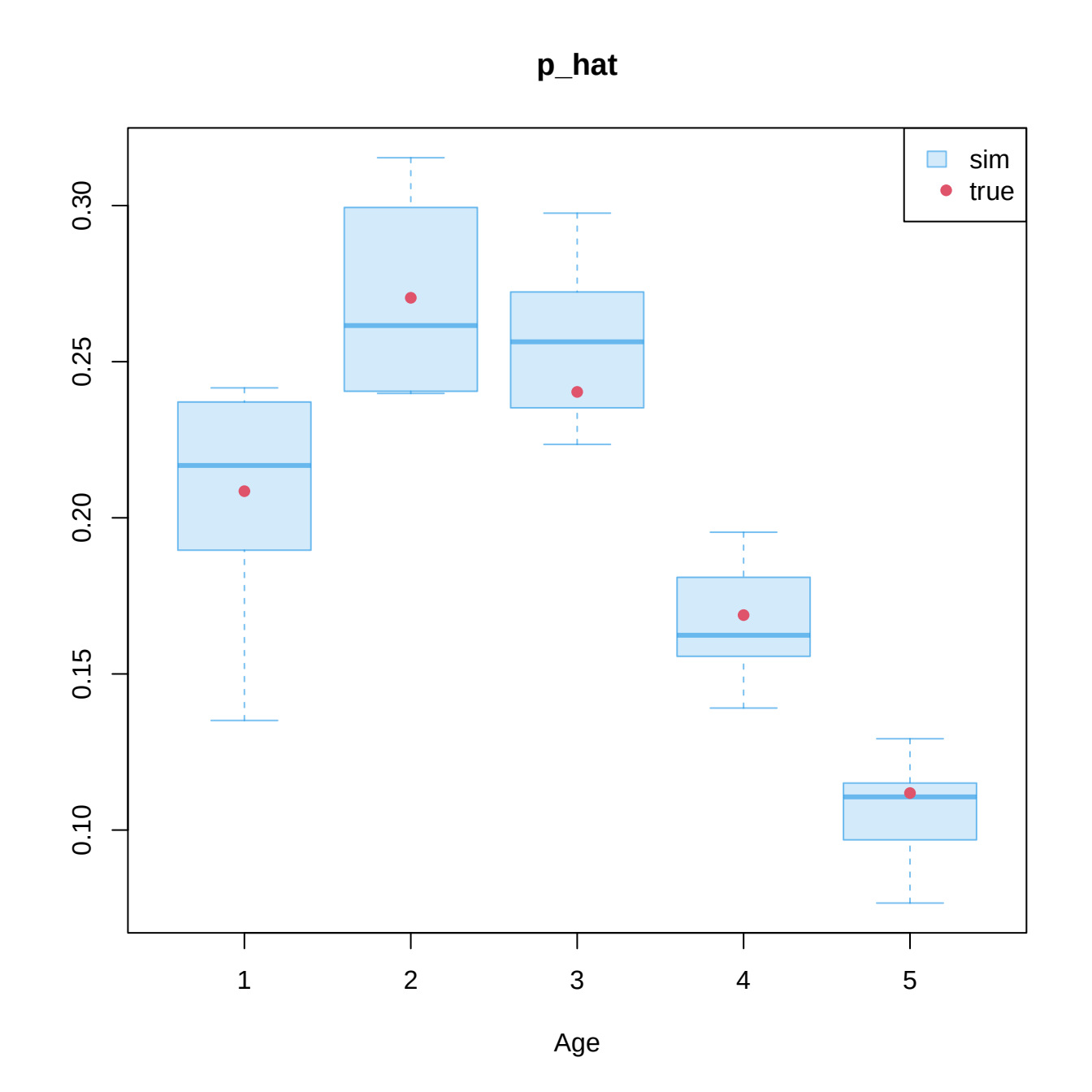
Stratum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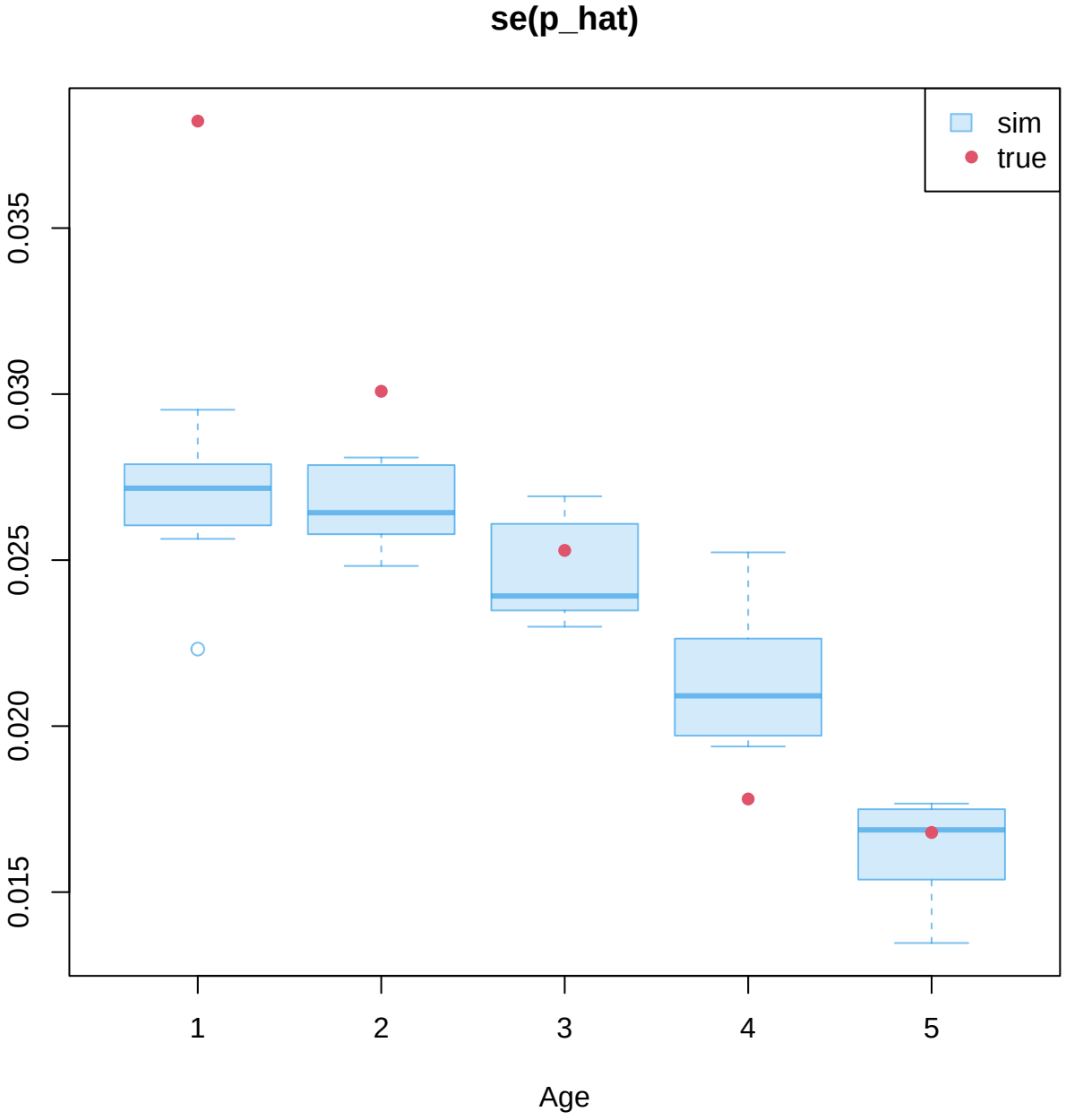
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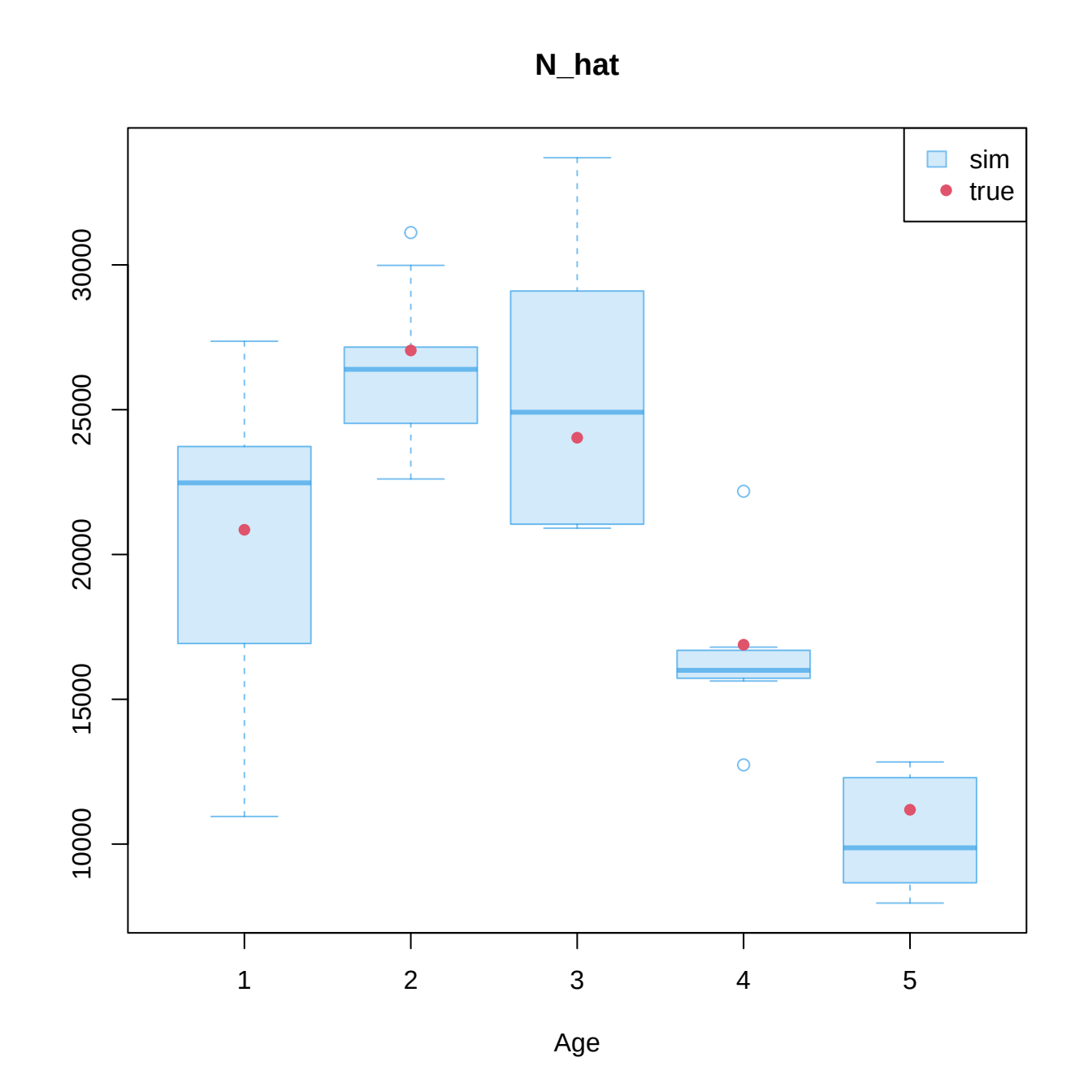
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3
4
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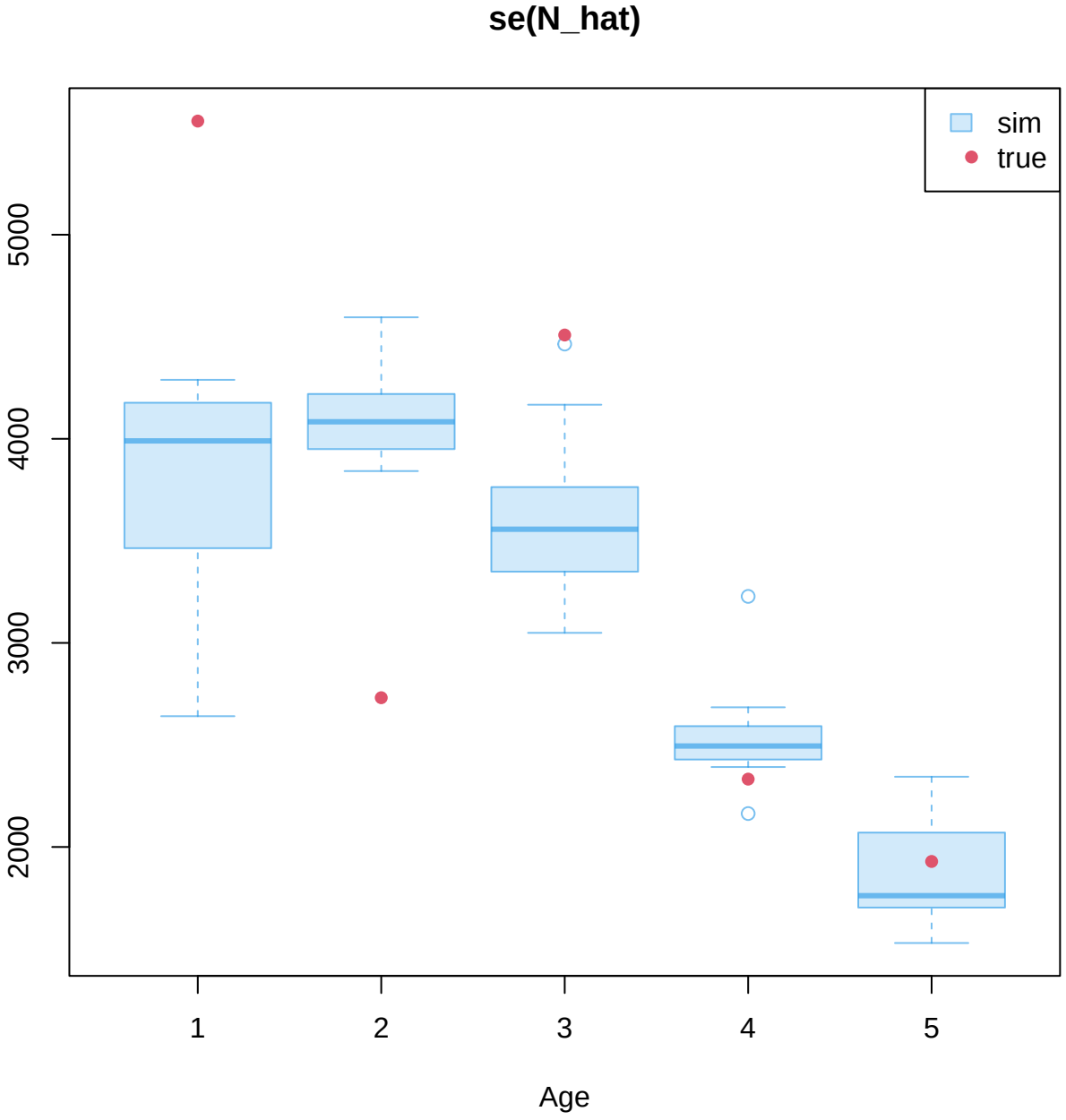
Age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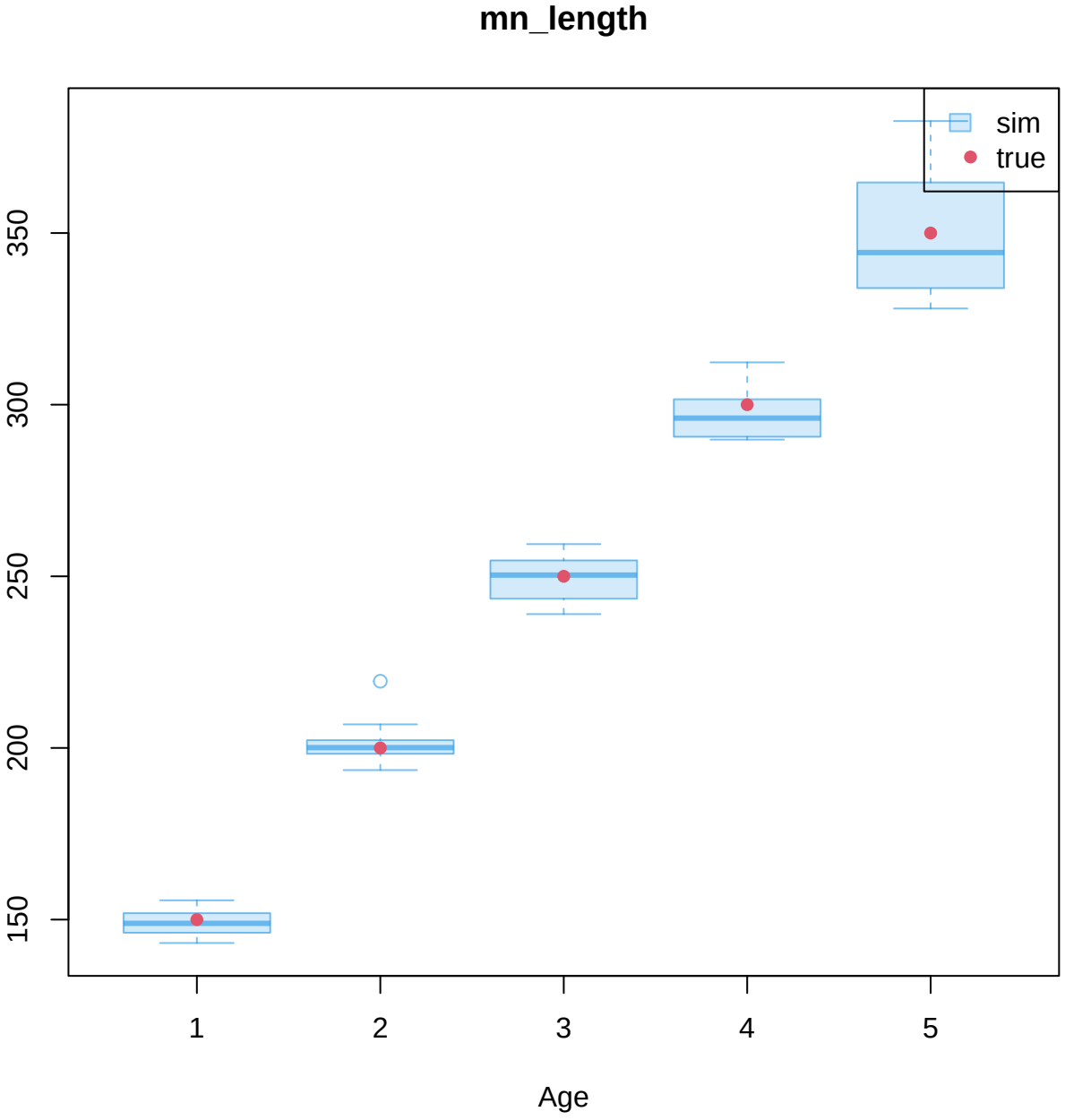
Age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3
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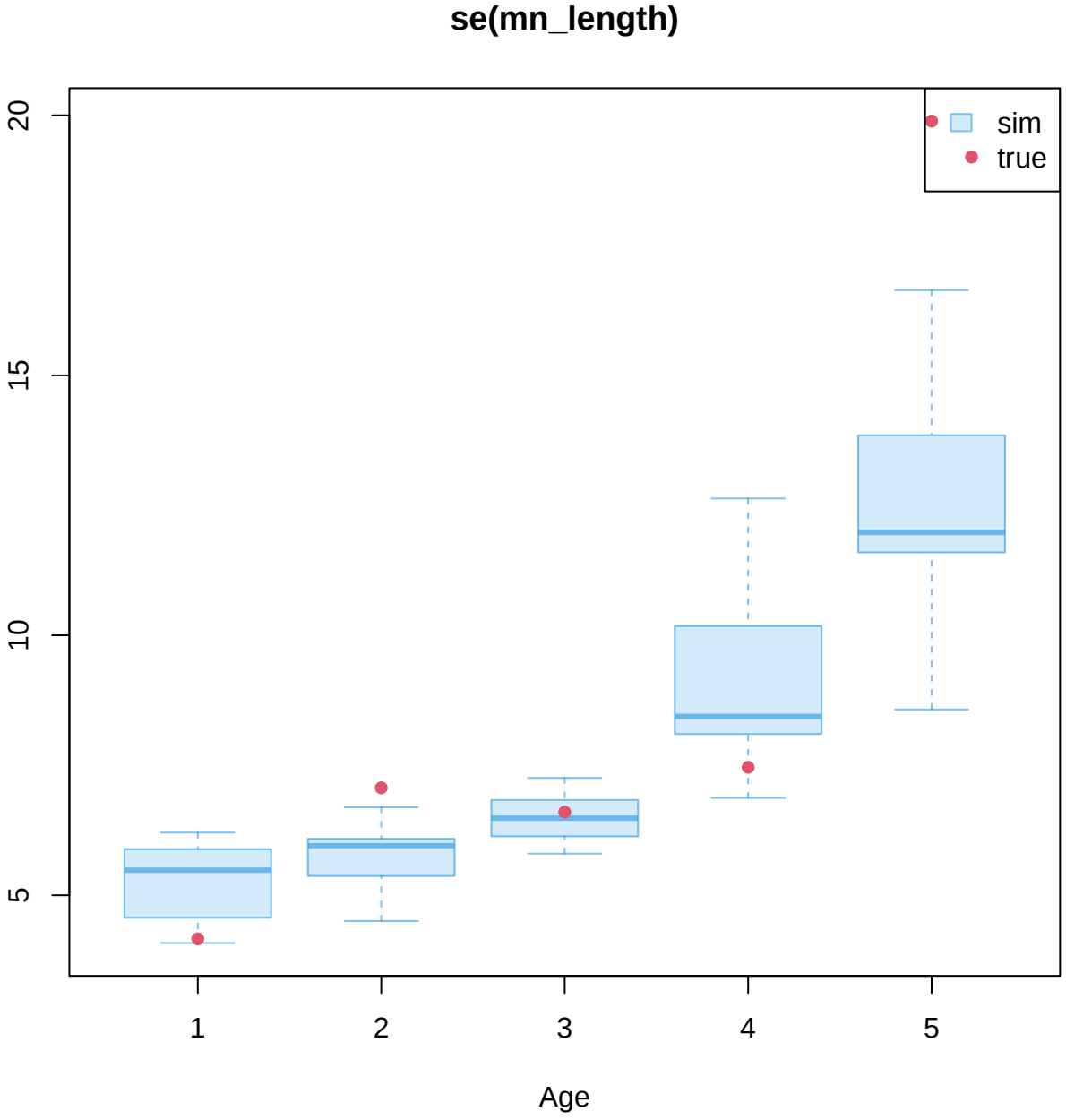
Age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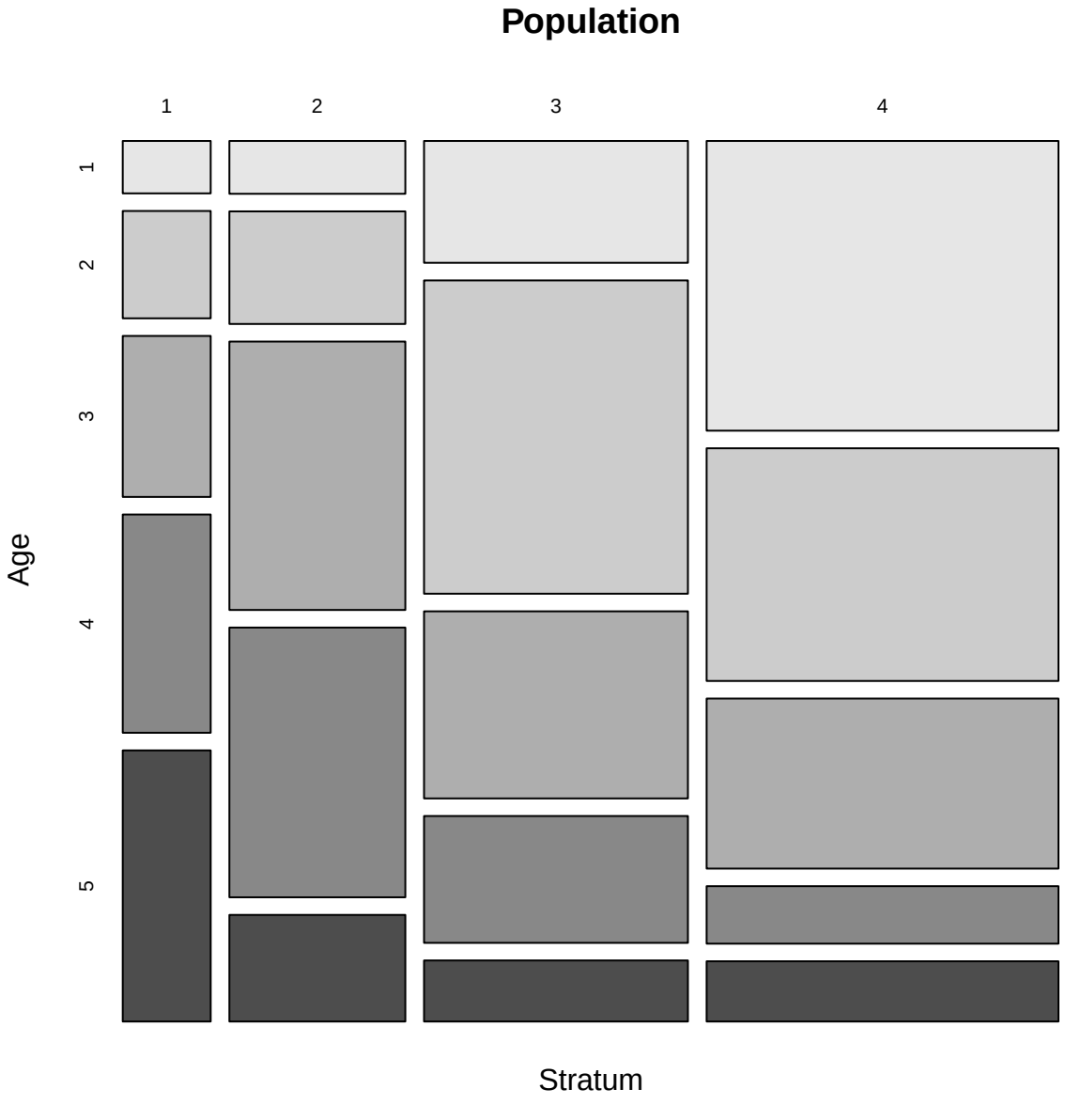
Age


Population
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4
Age
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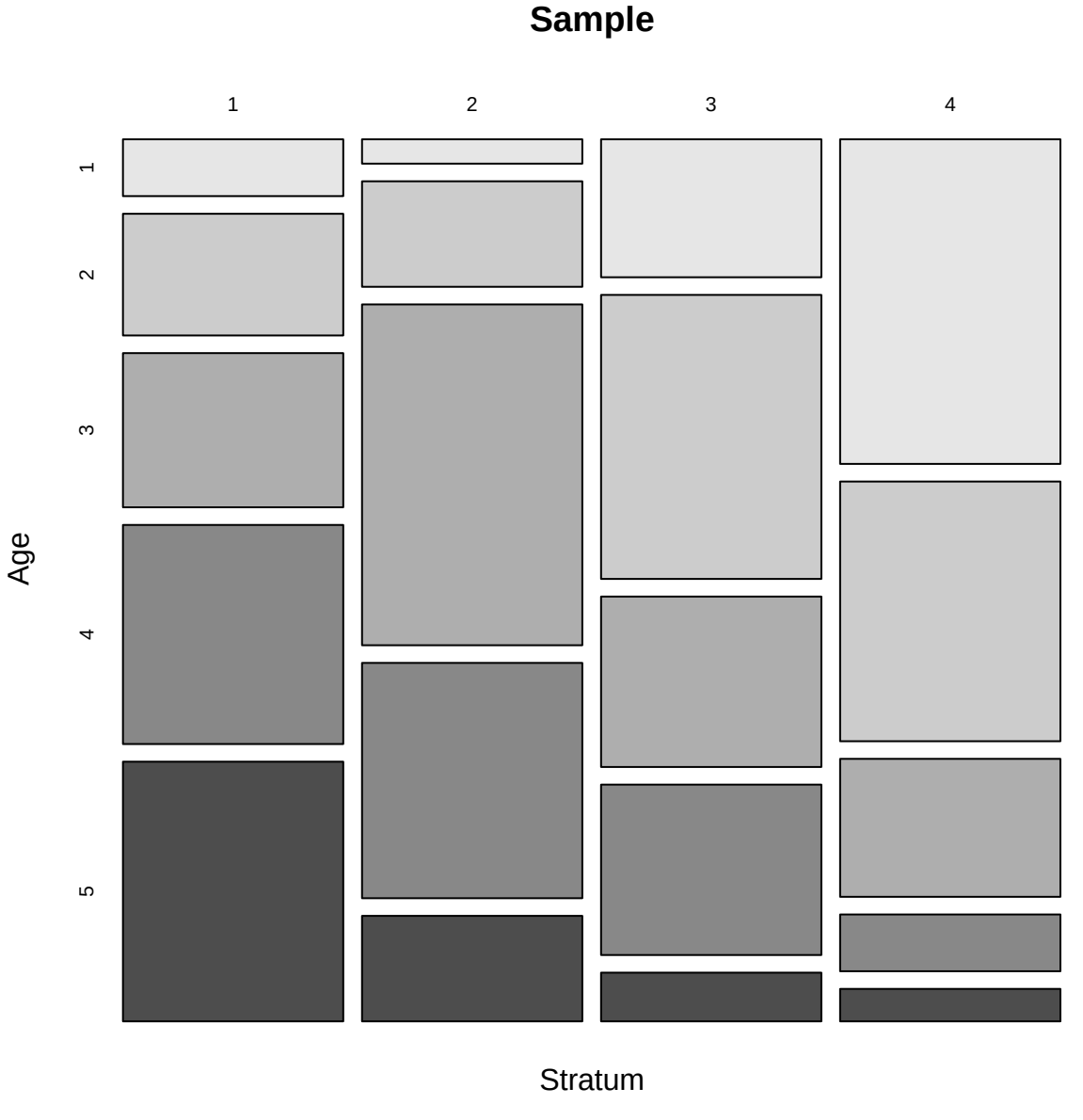
2
3
4
5
Stratum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Age
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4
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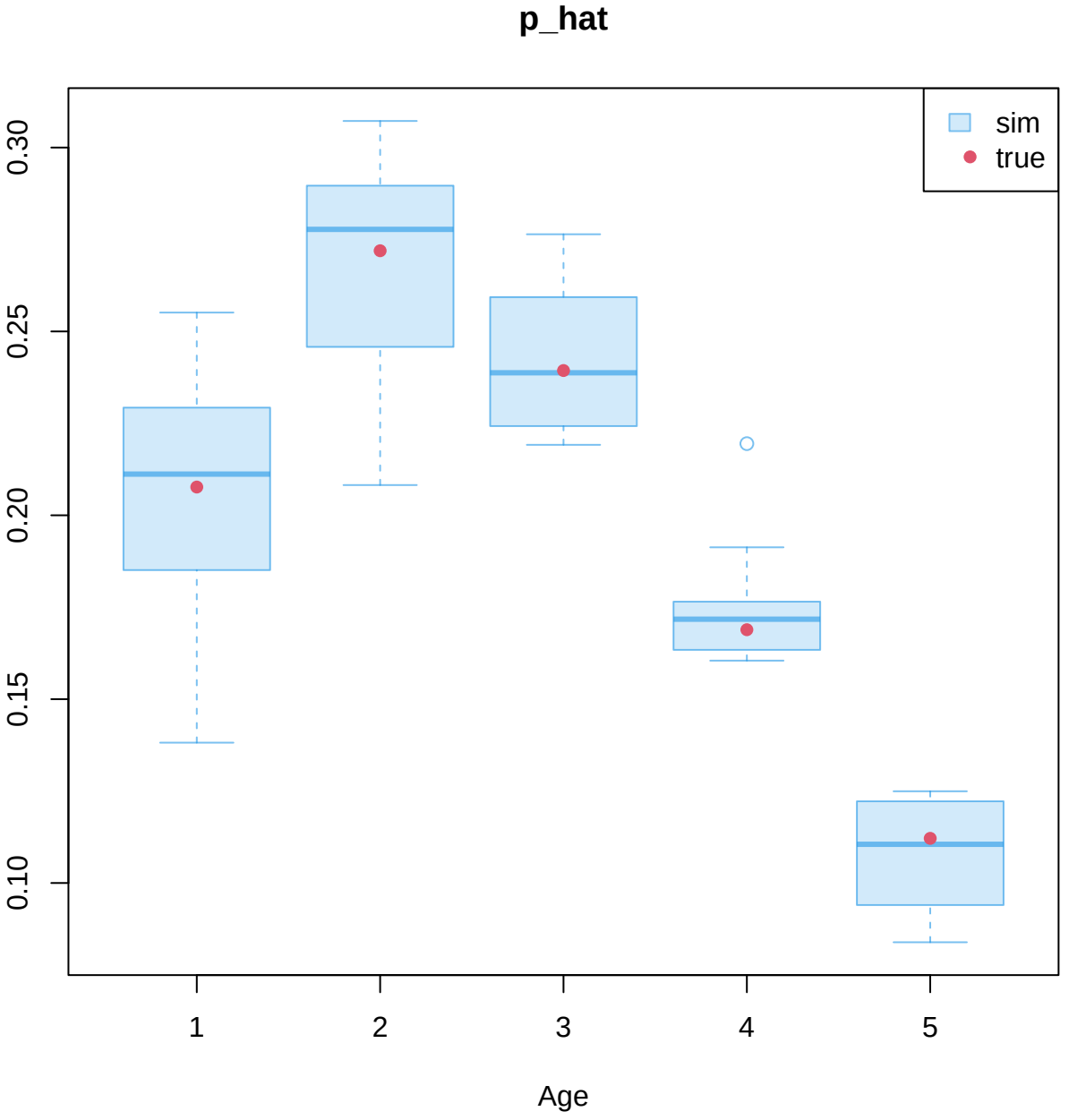
Stratum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0.10
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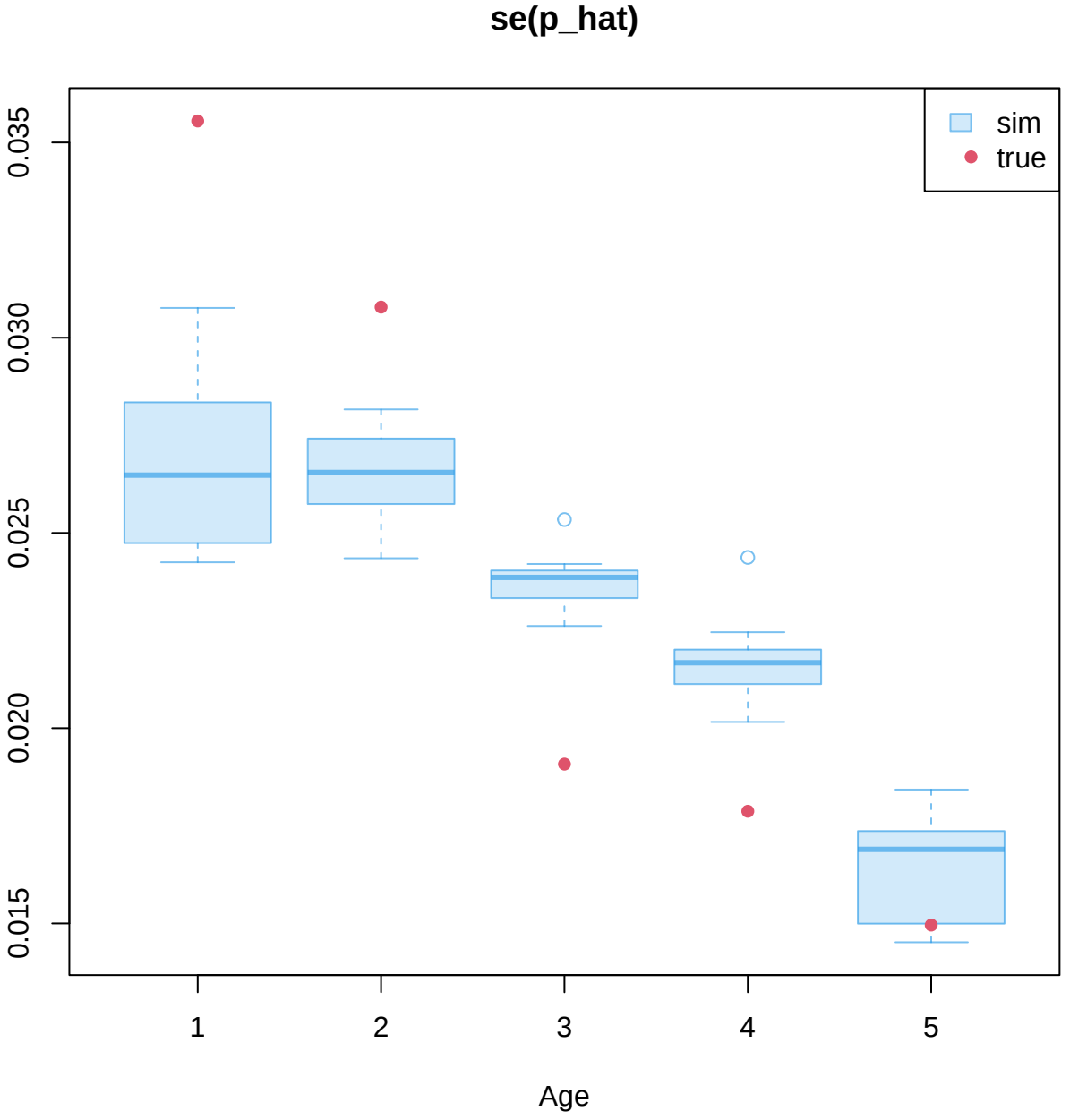
Age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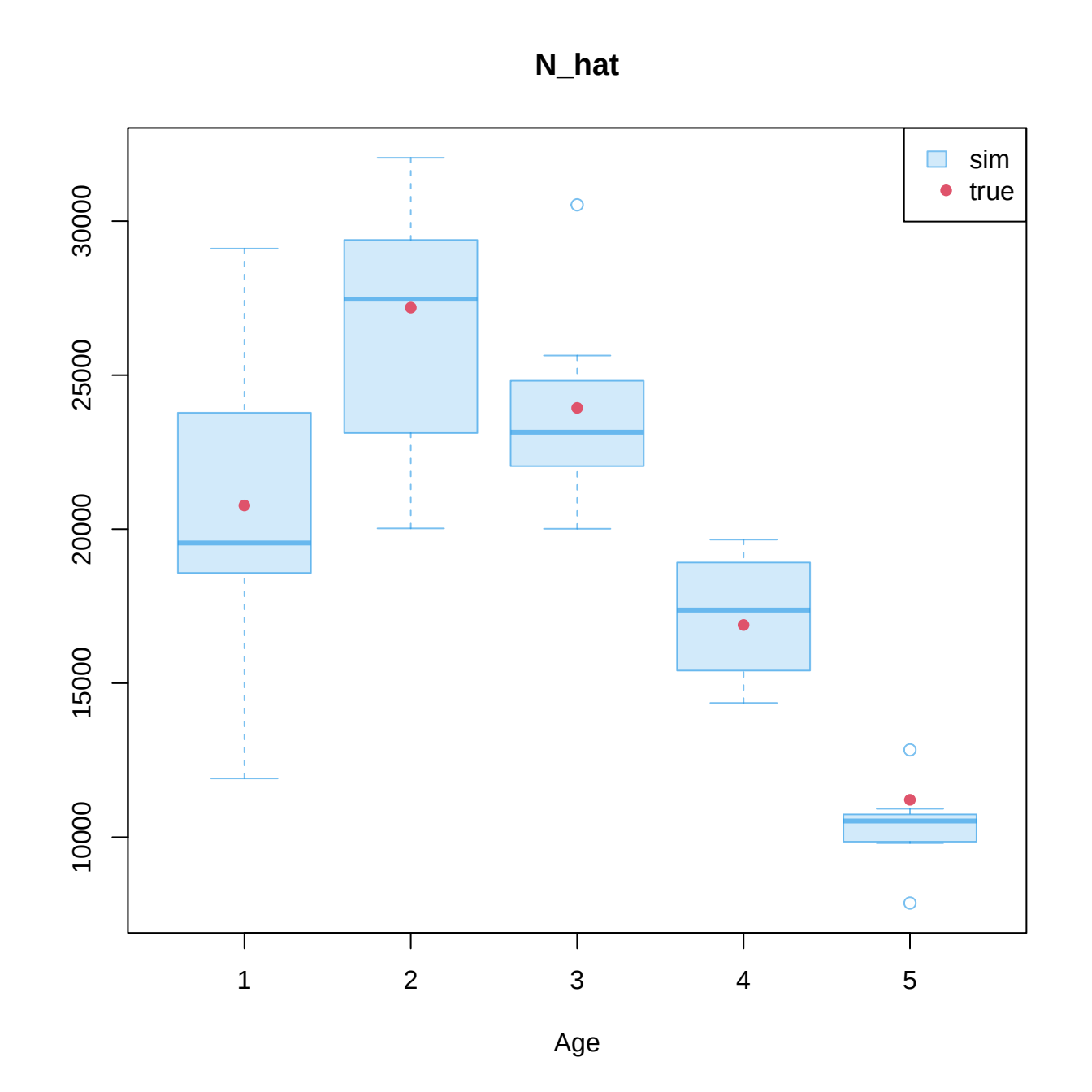
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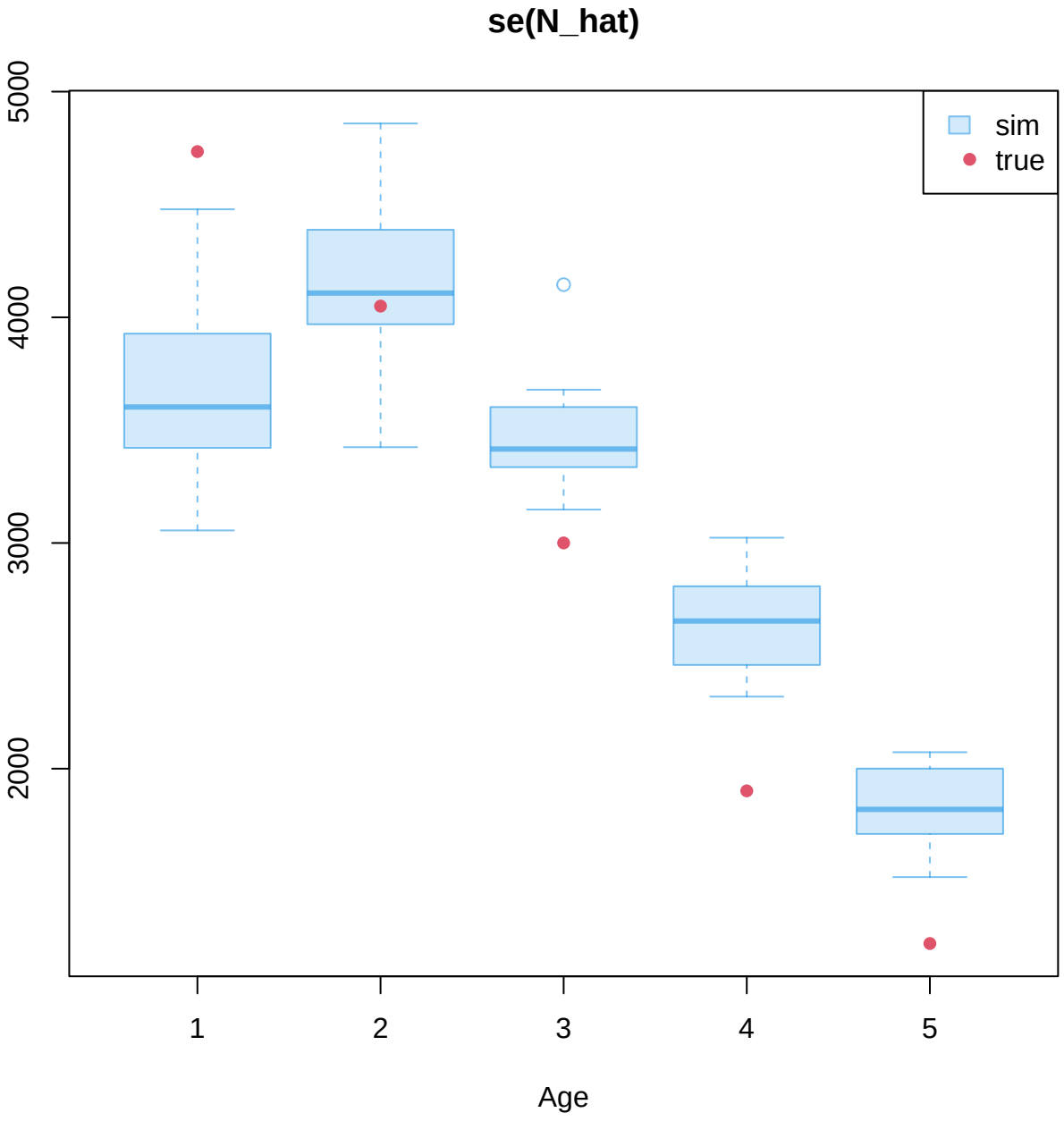
Age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sim
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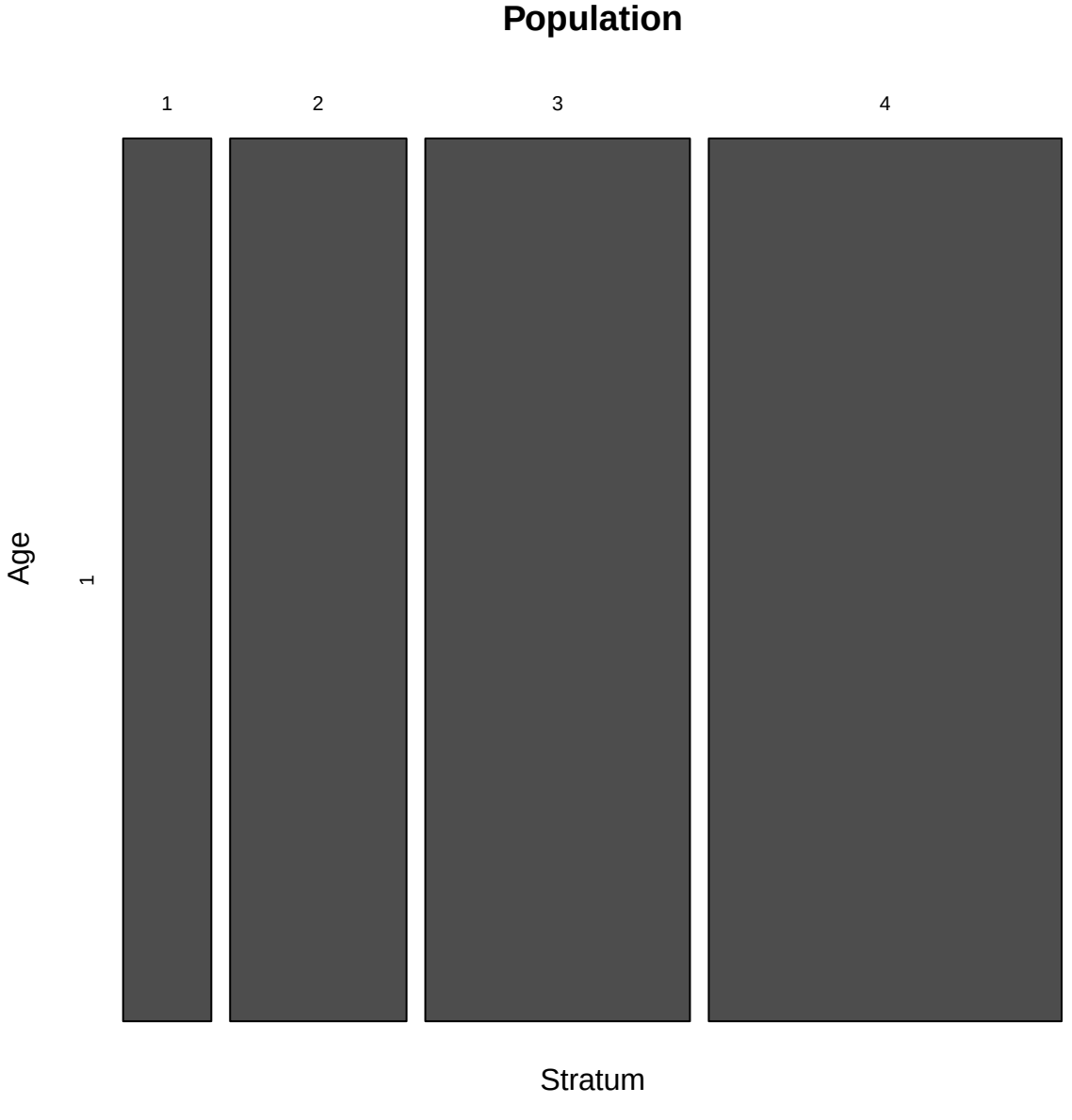
Age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Age
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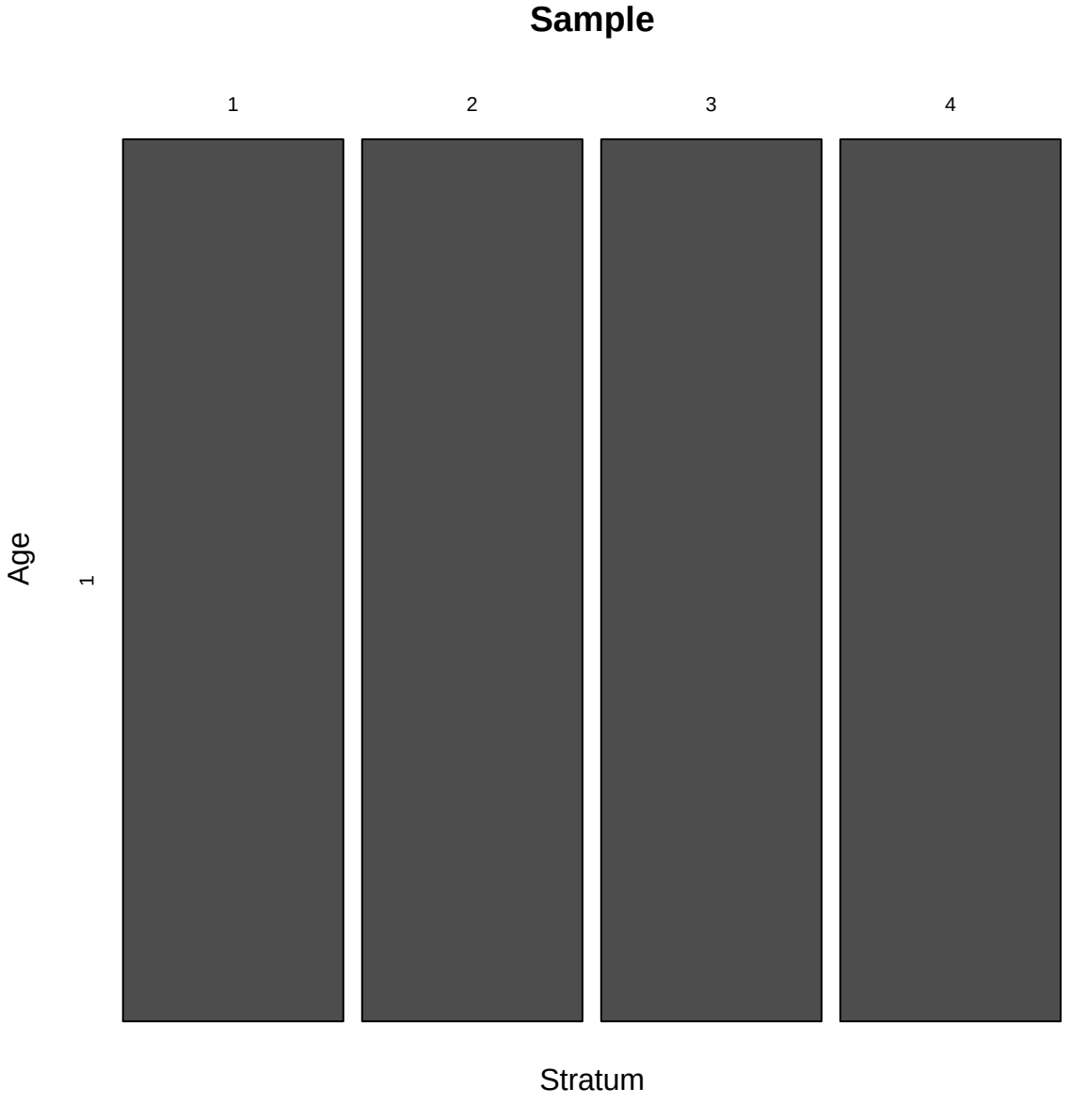
Stratum


Sample
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Age
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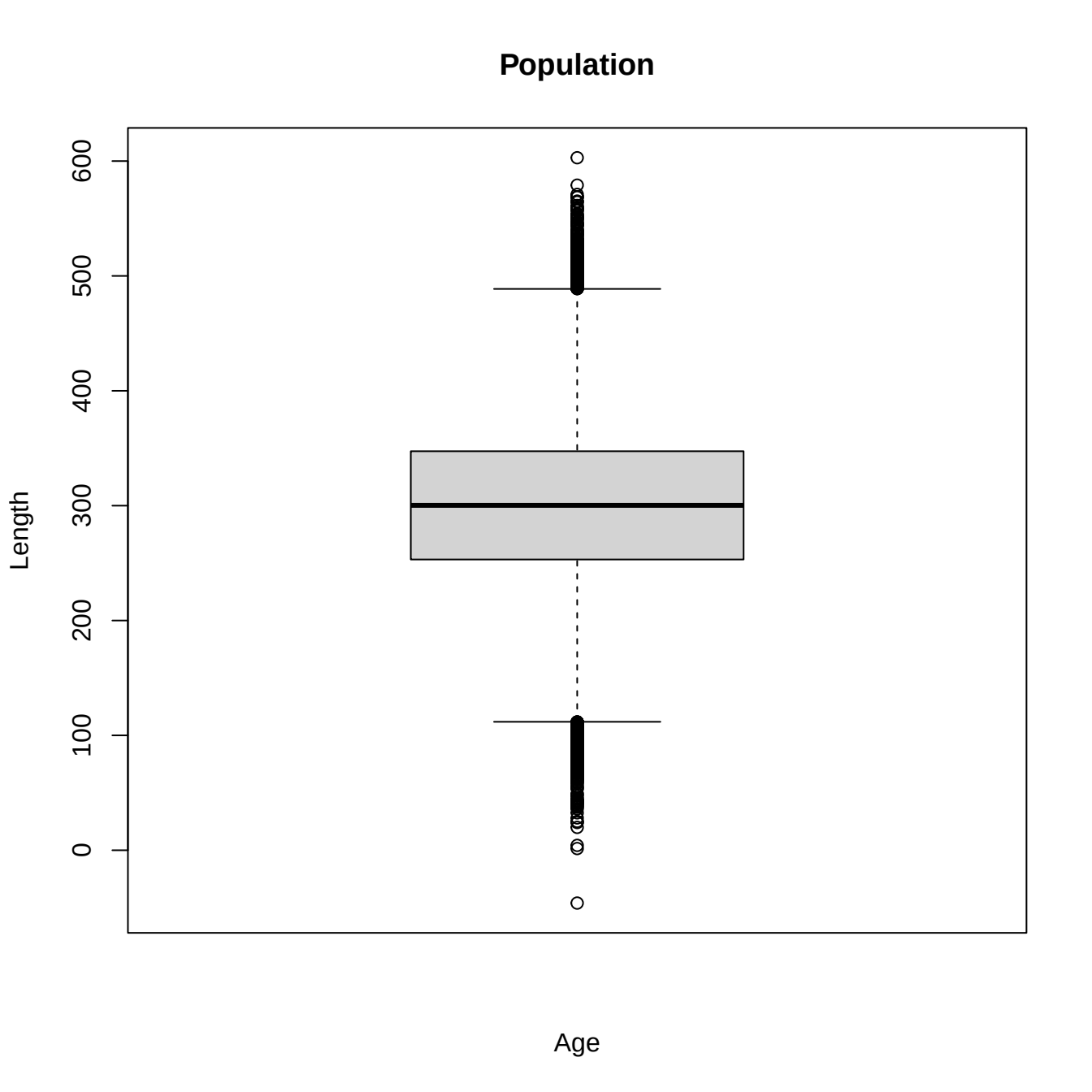
Stratum


Population
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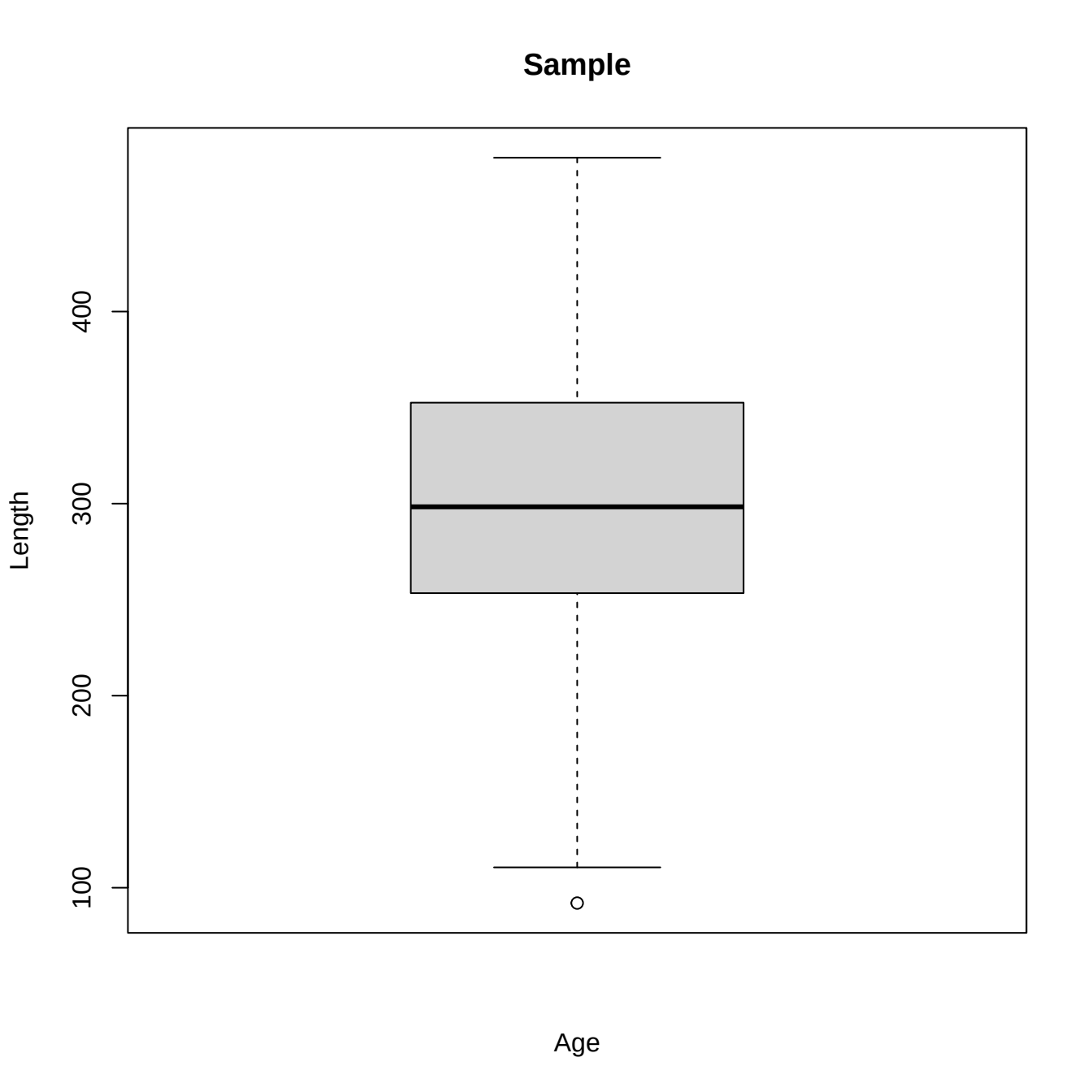
600
Age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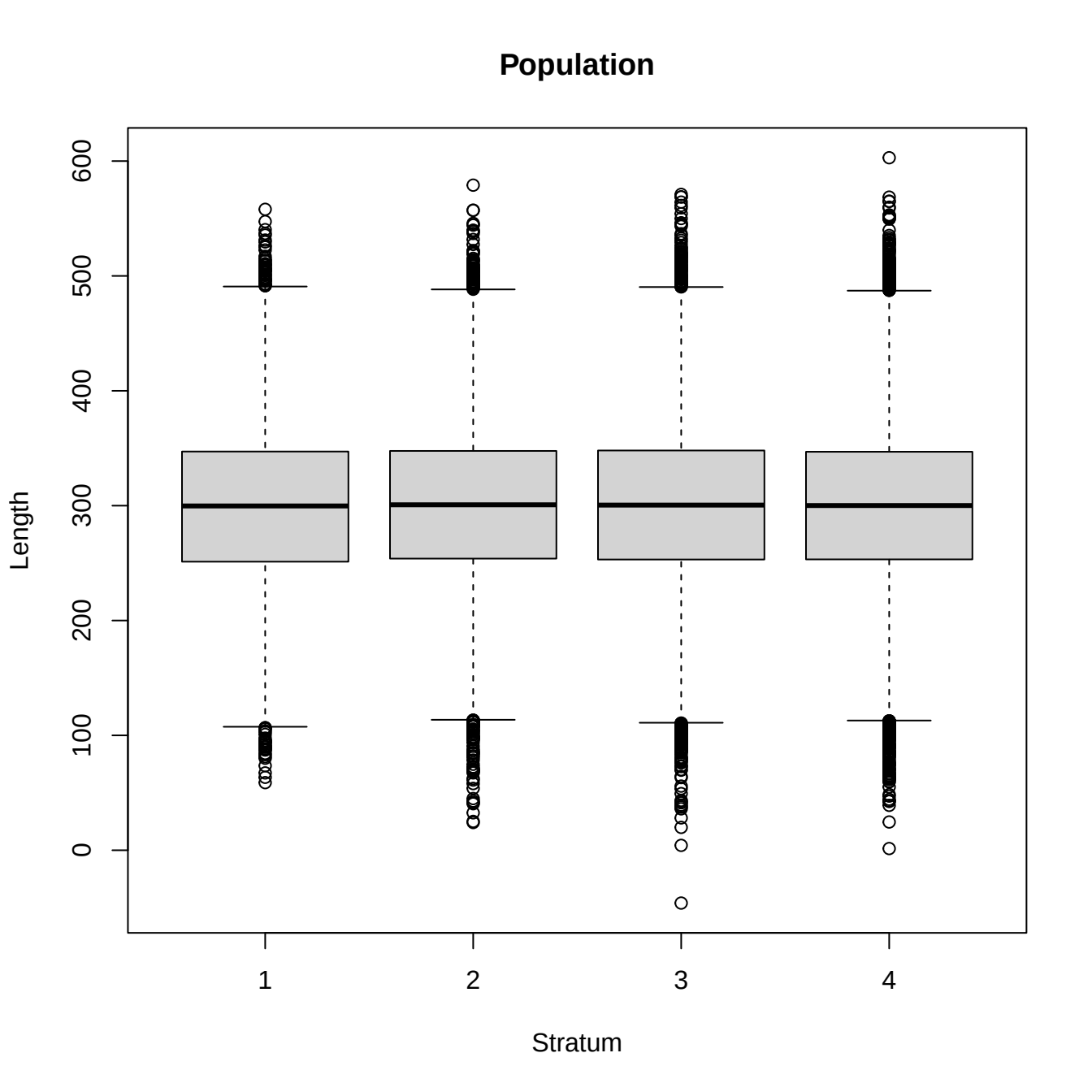
Age


Population
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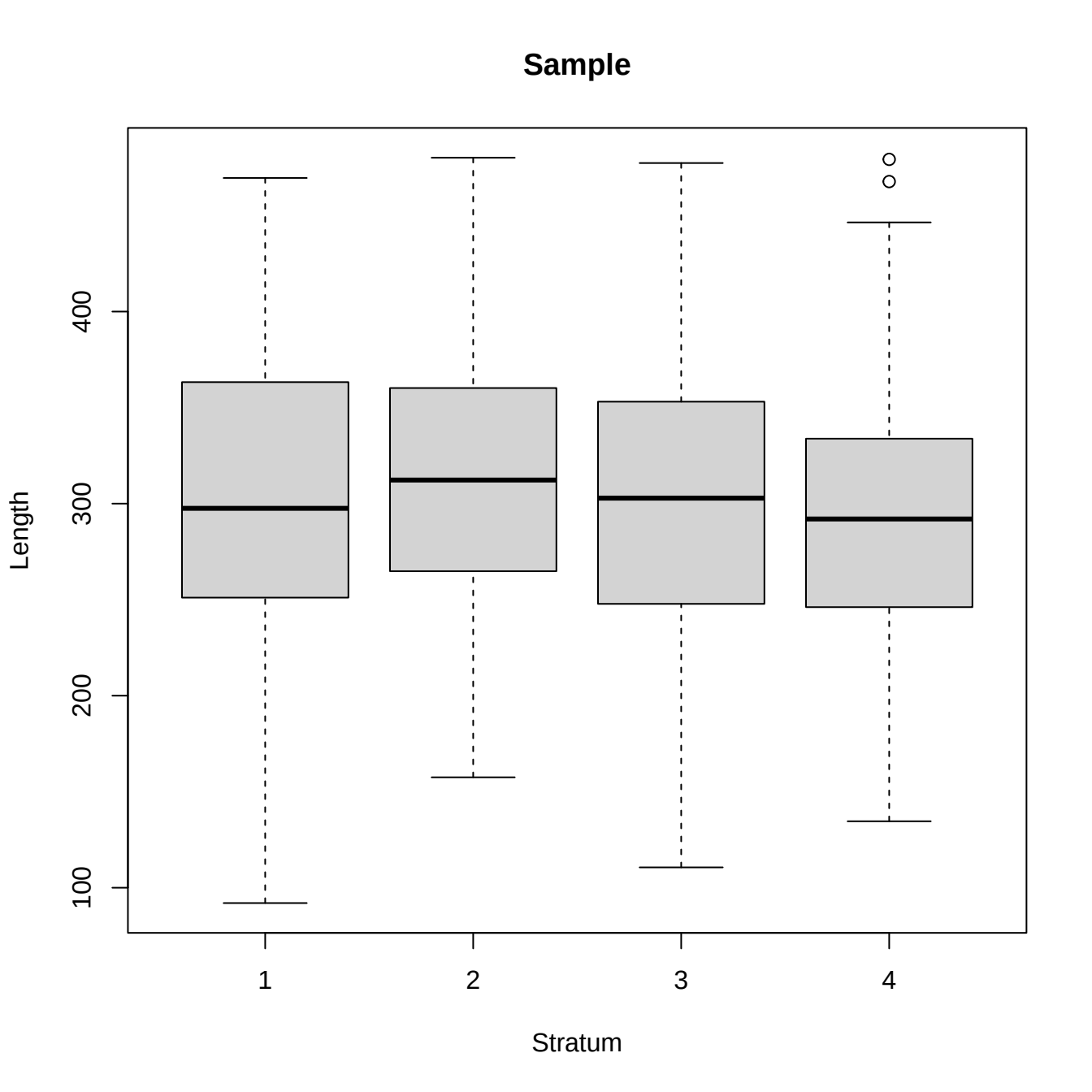
Stratum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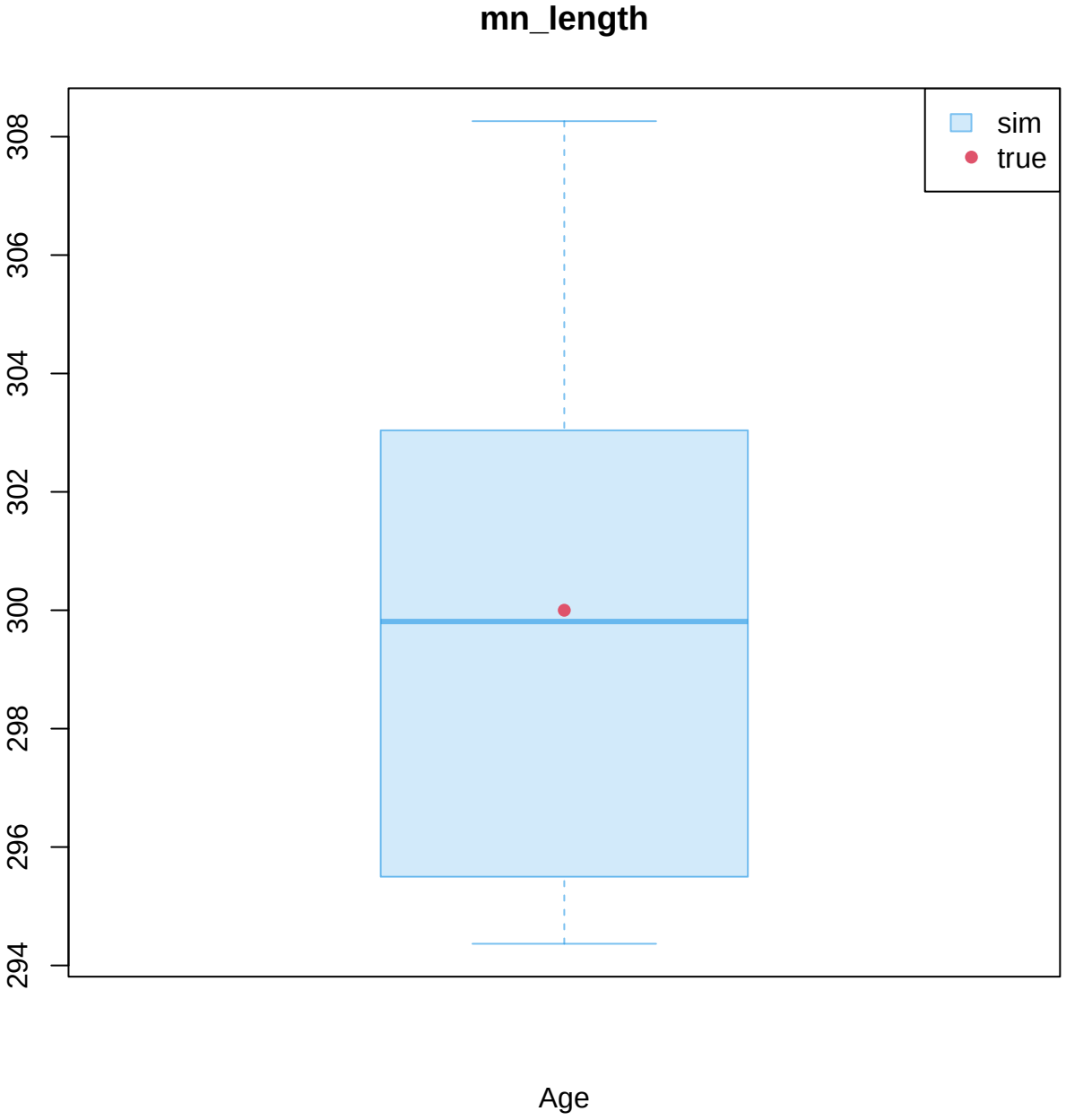
Stratum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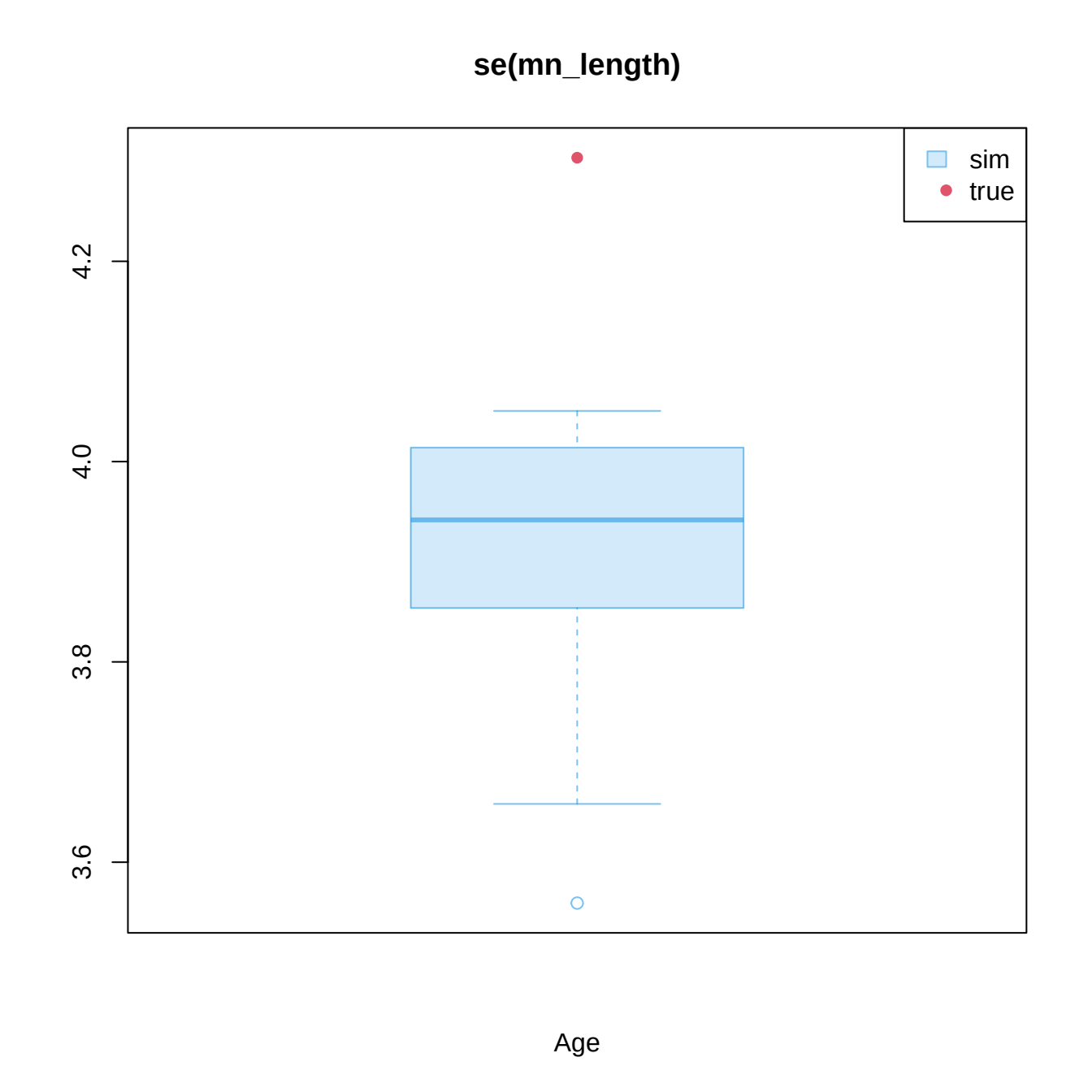
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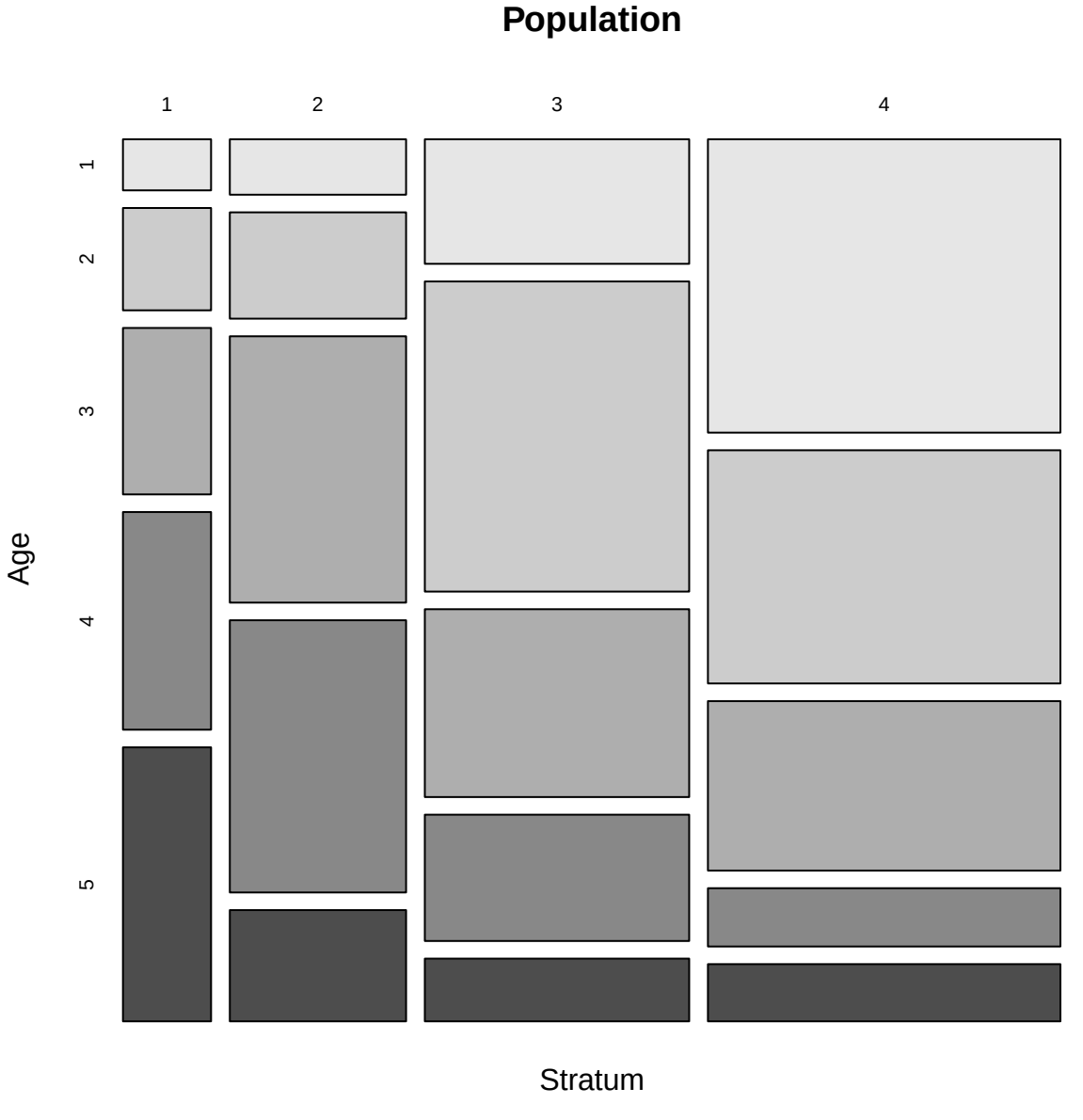
Population
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Age
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2
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4
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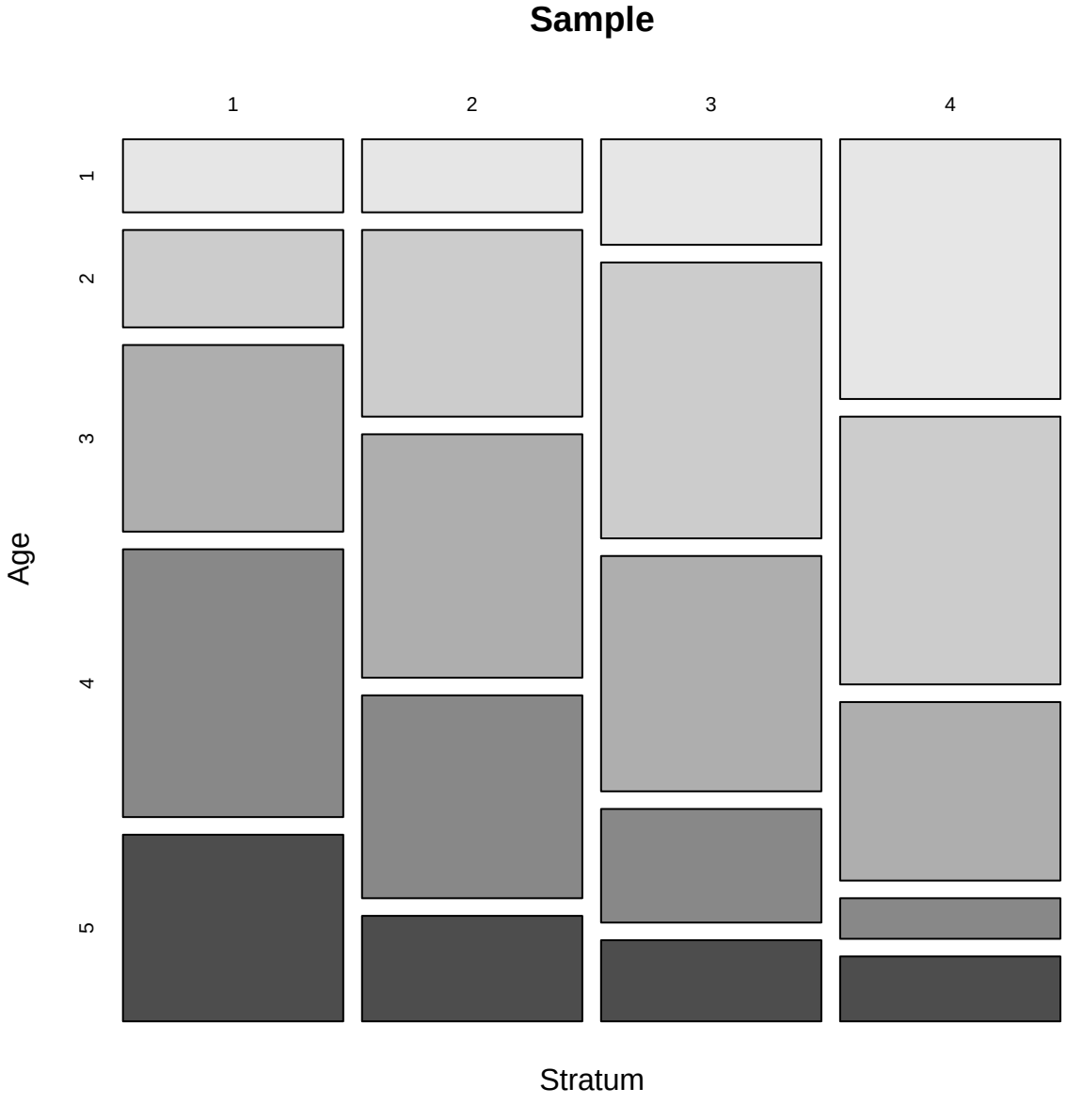
Stratum


Sample
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Age
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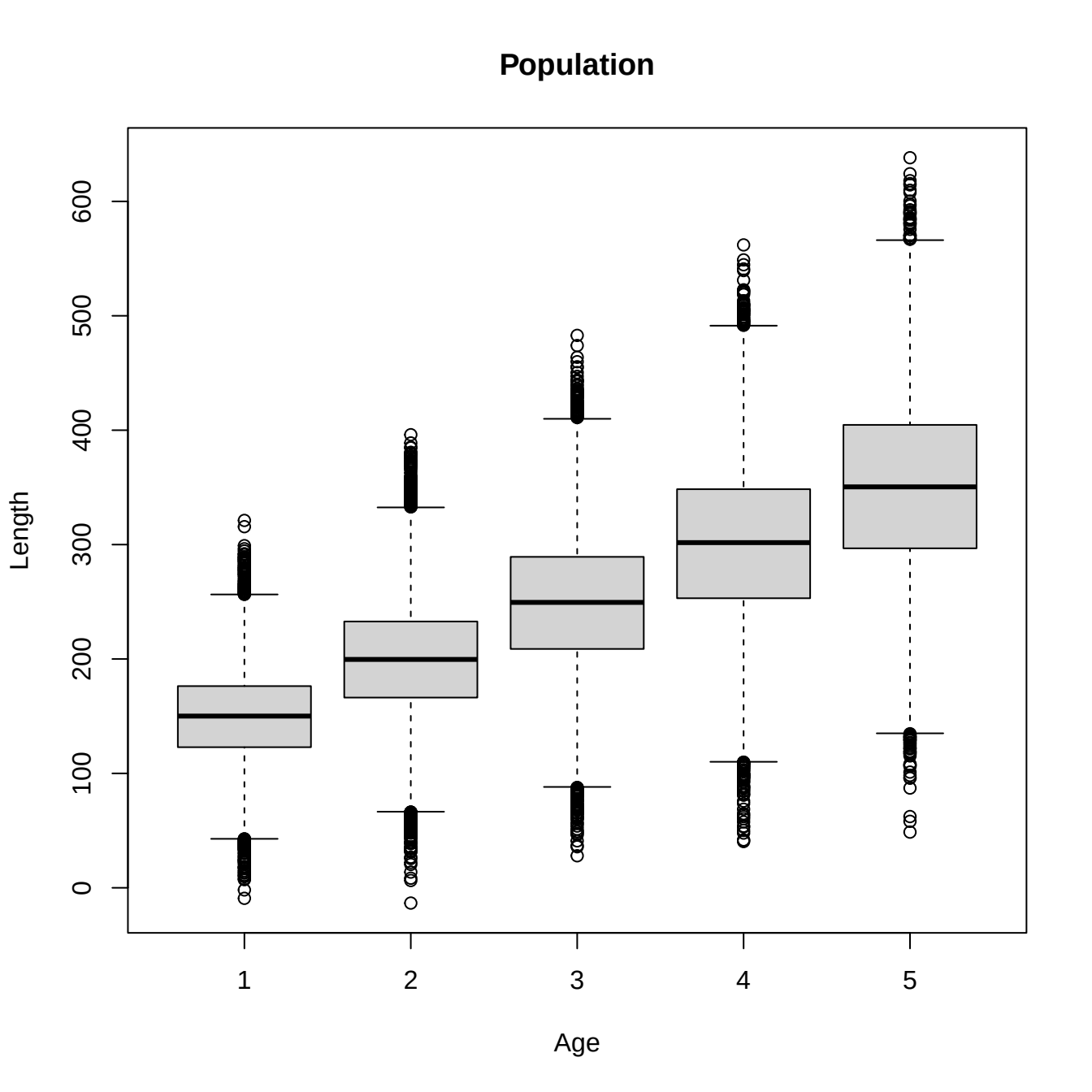
Stratum


Population
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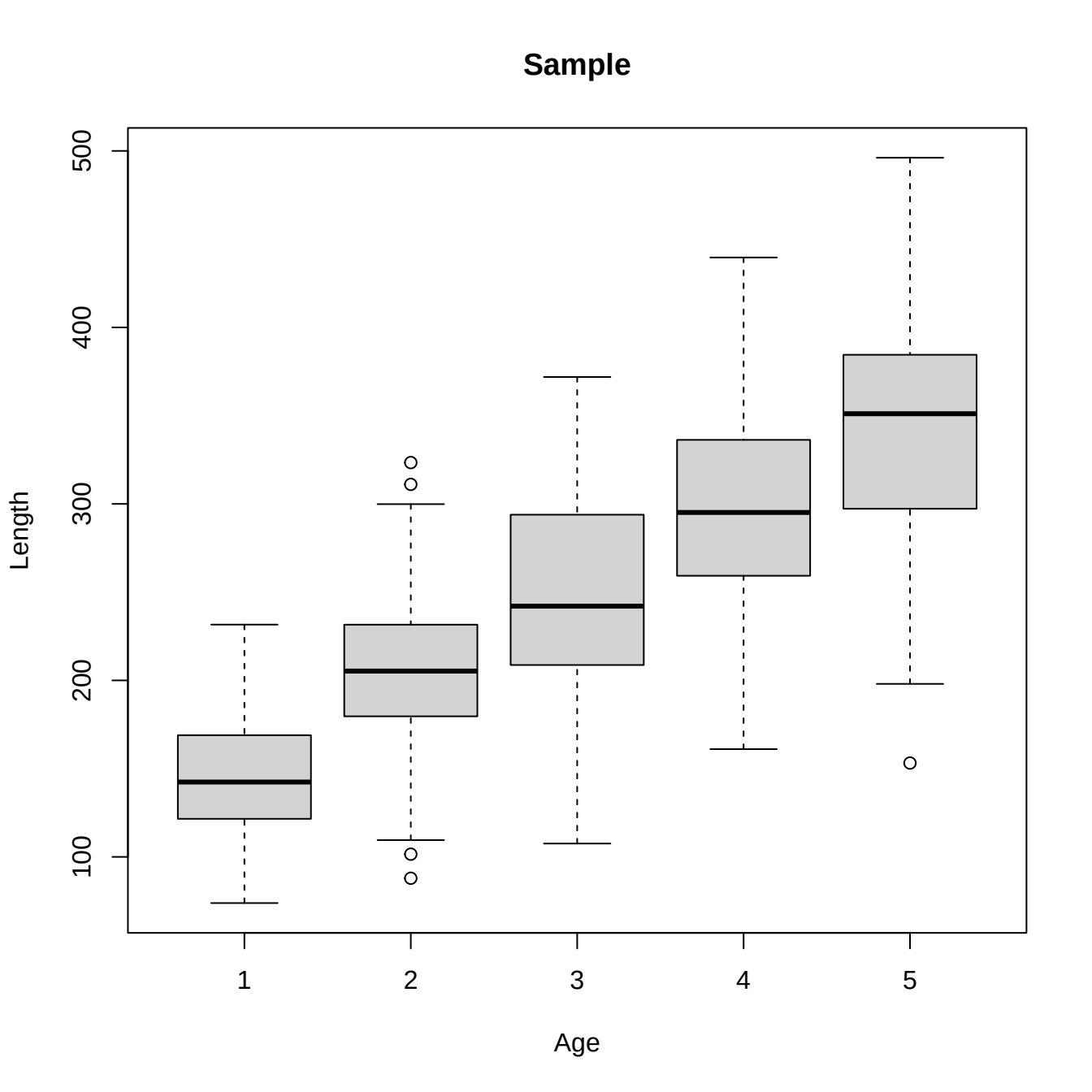
Sample
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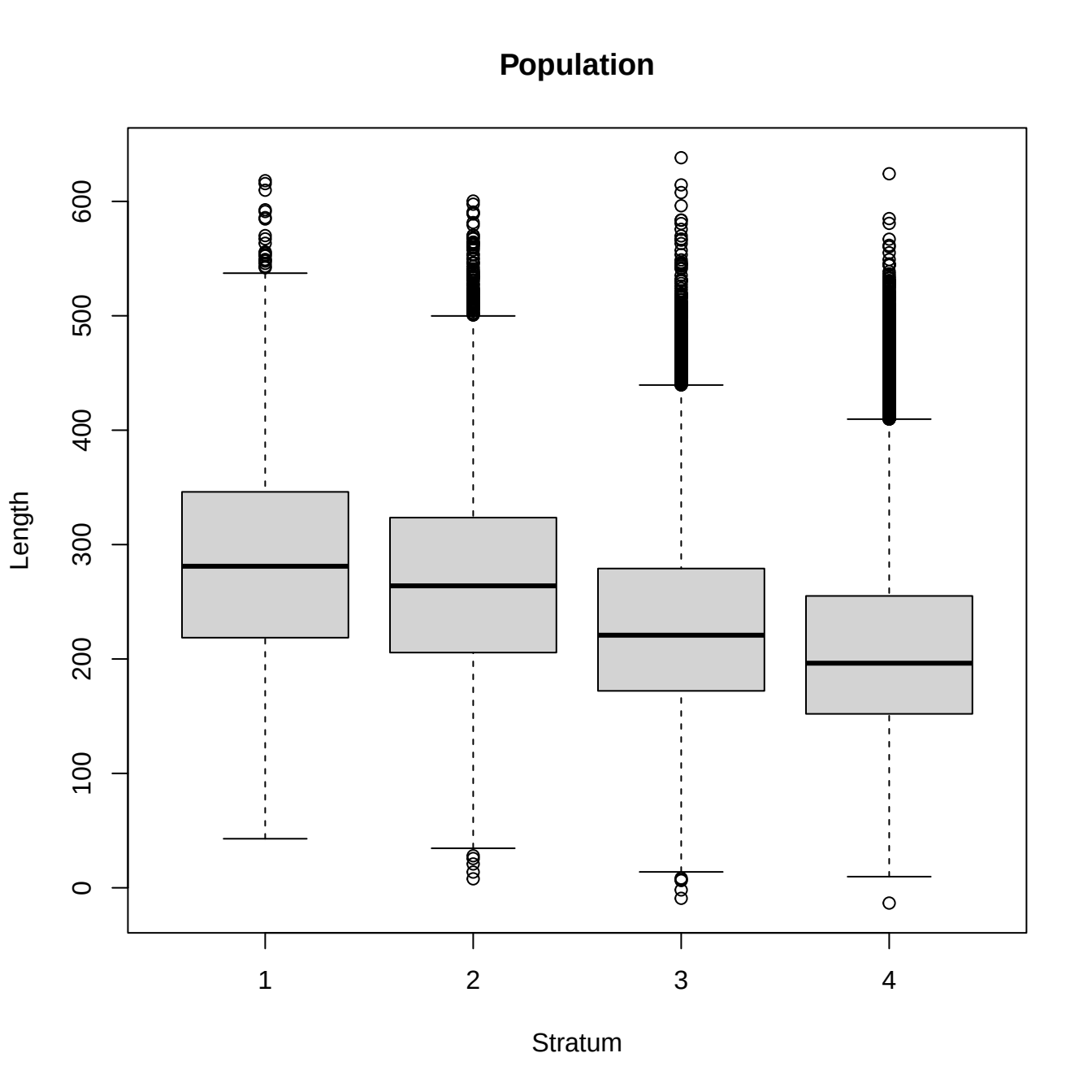
Age


Population
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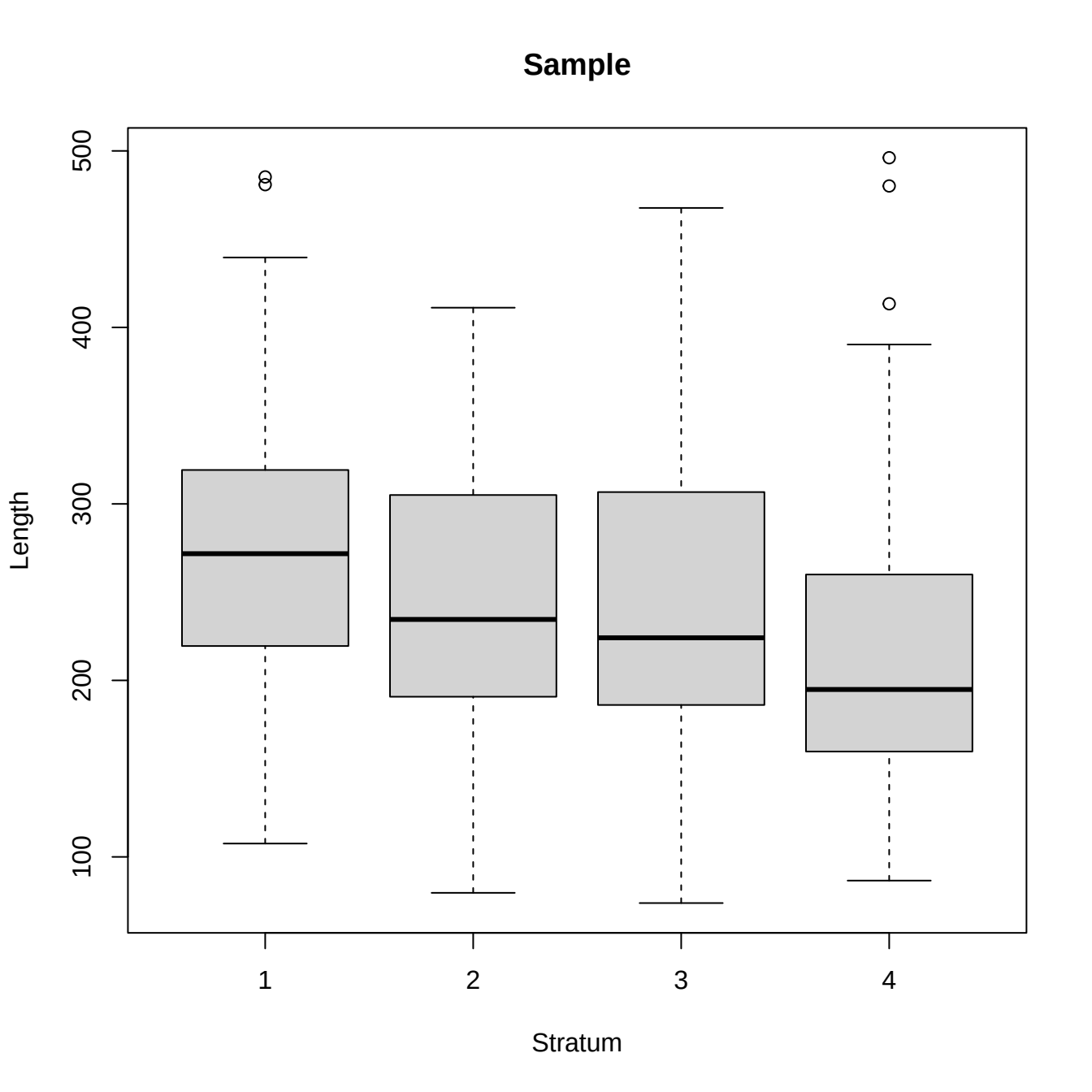
Stratum


Sample
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3
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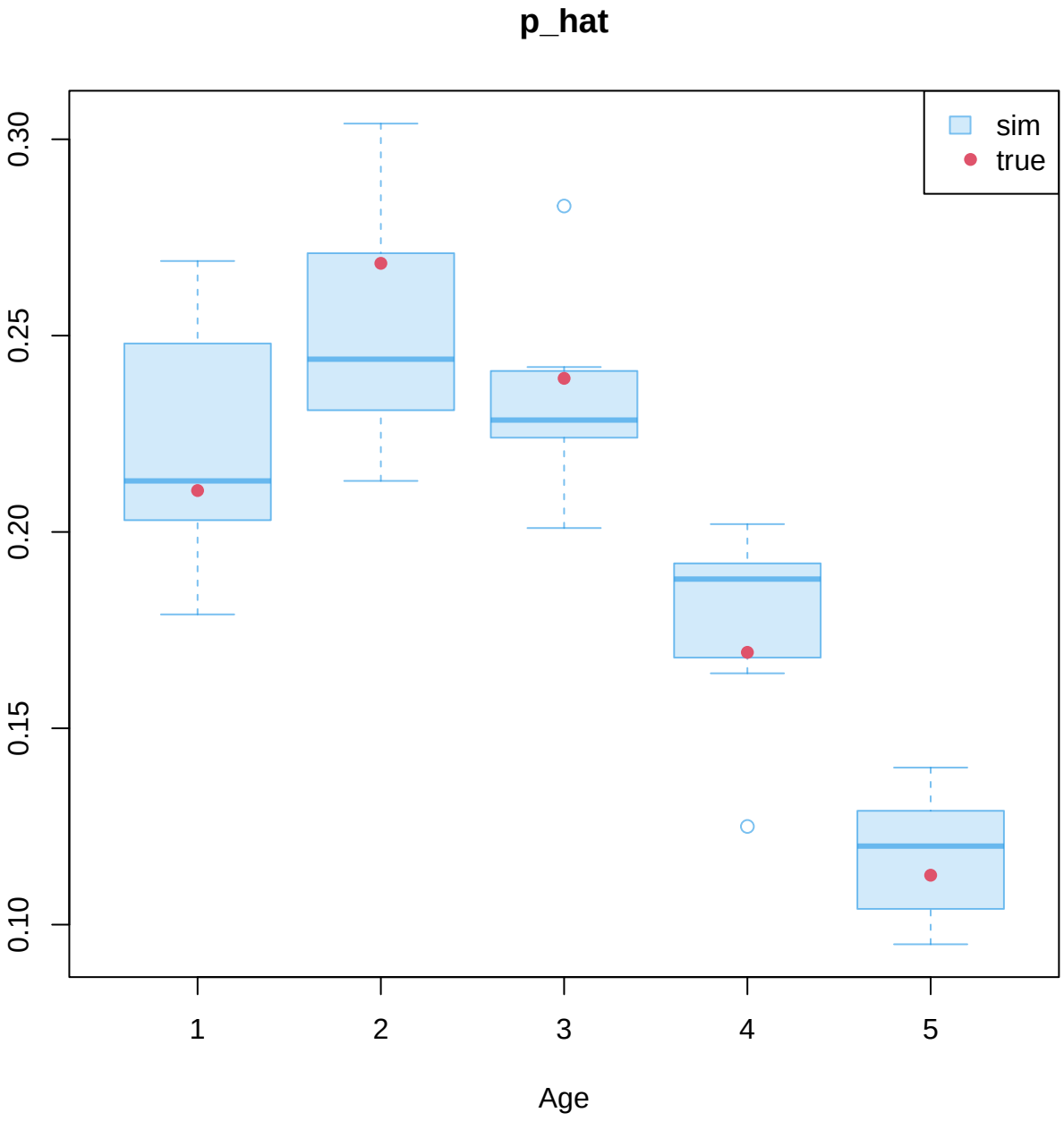
Stratum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0.10
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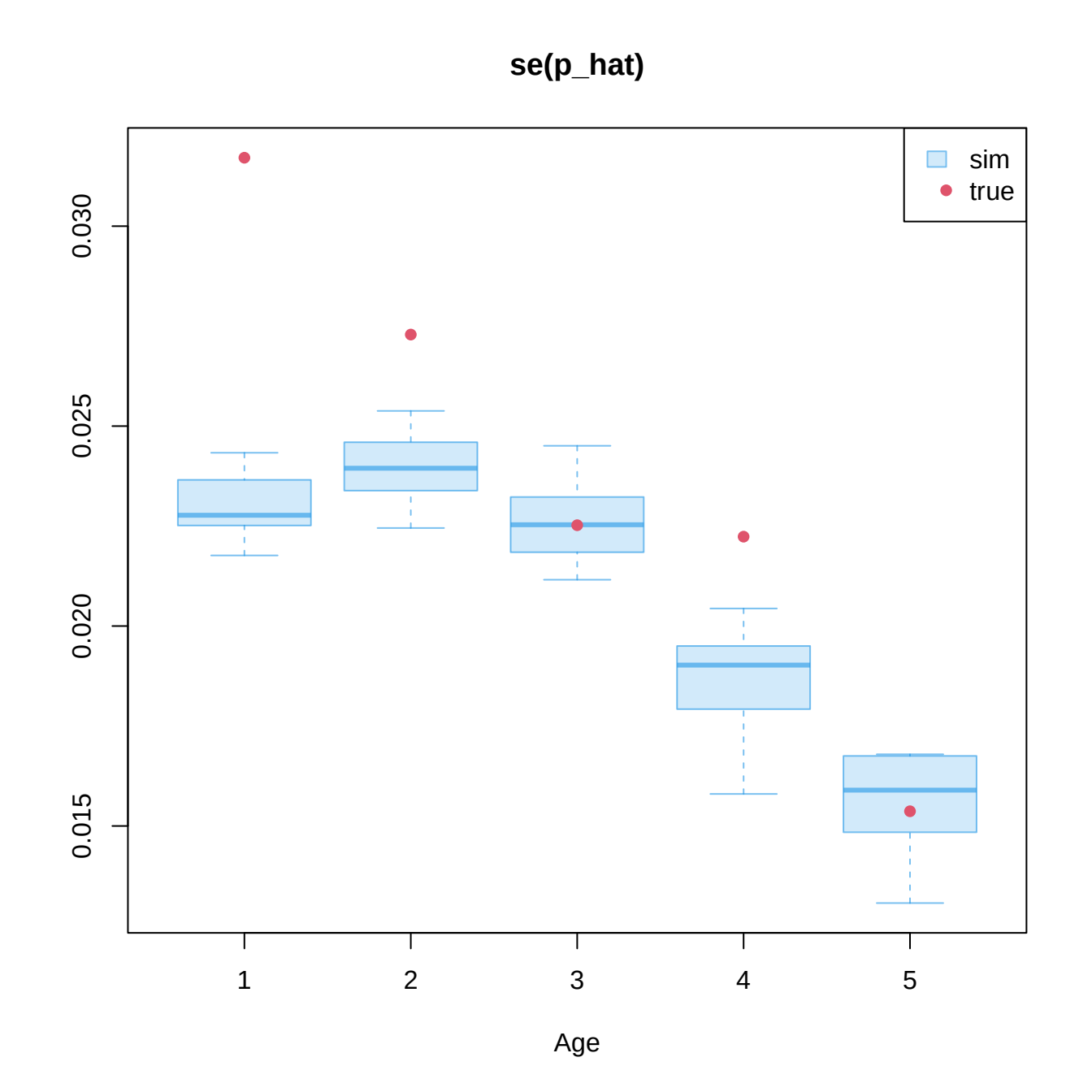
Age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0.015
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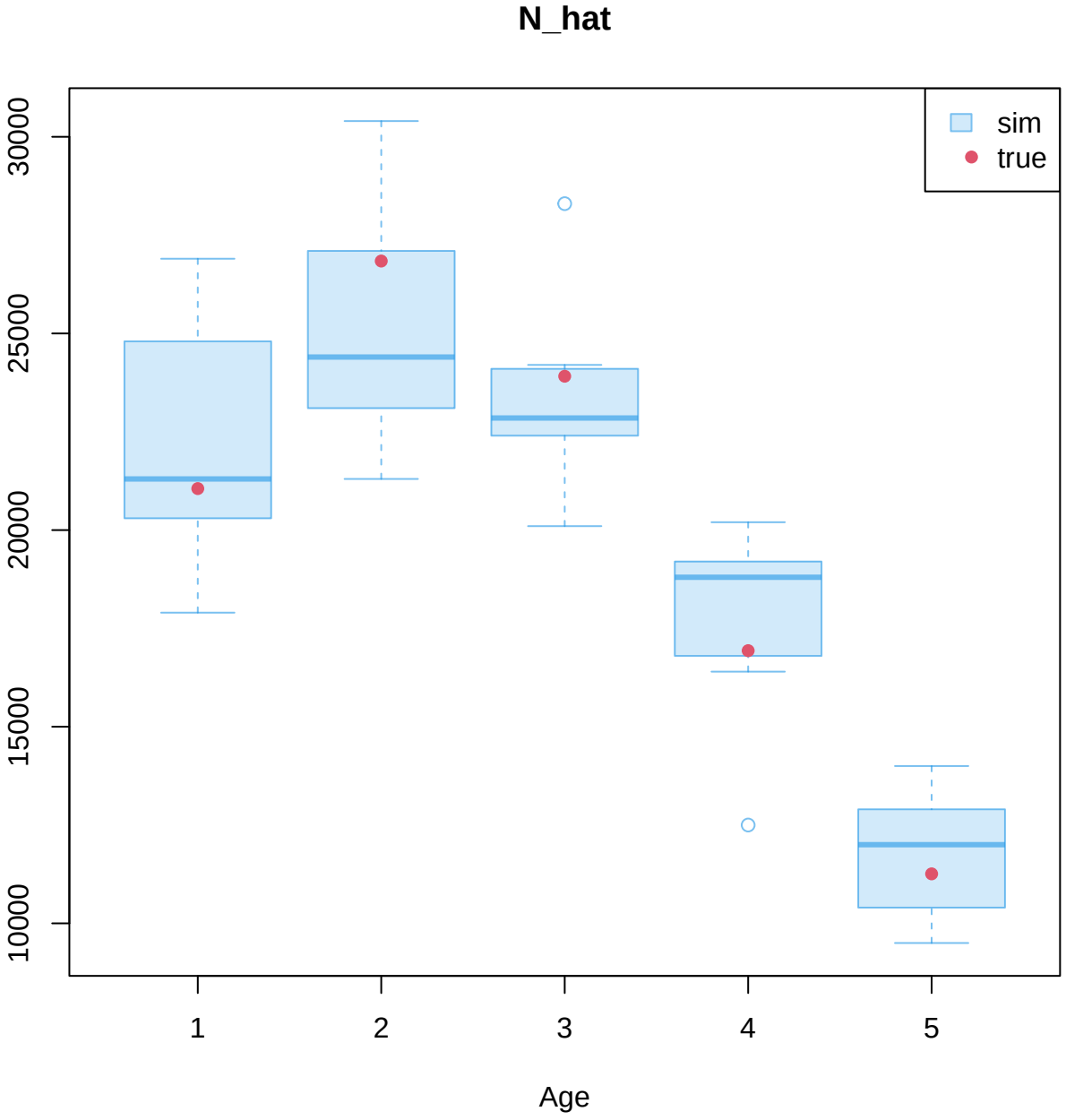
Age


N_hat
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3
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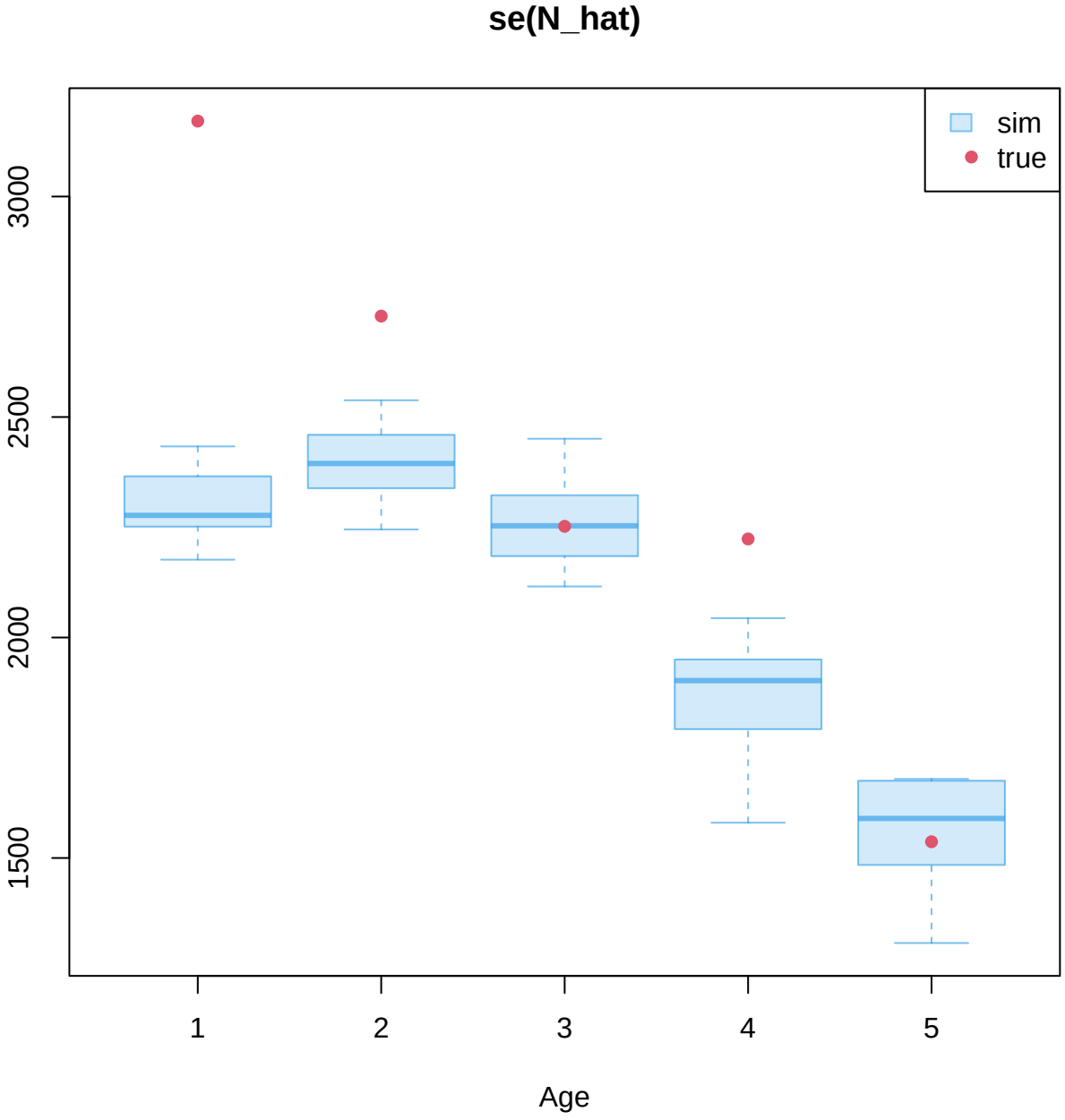
Age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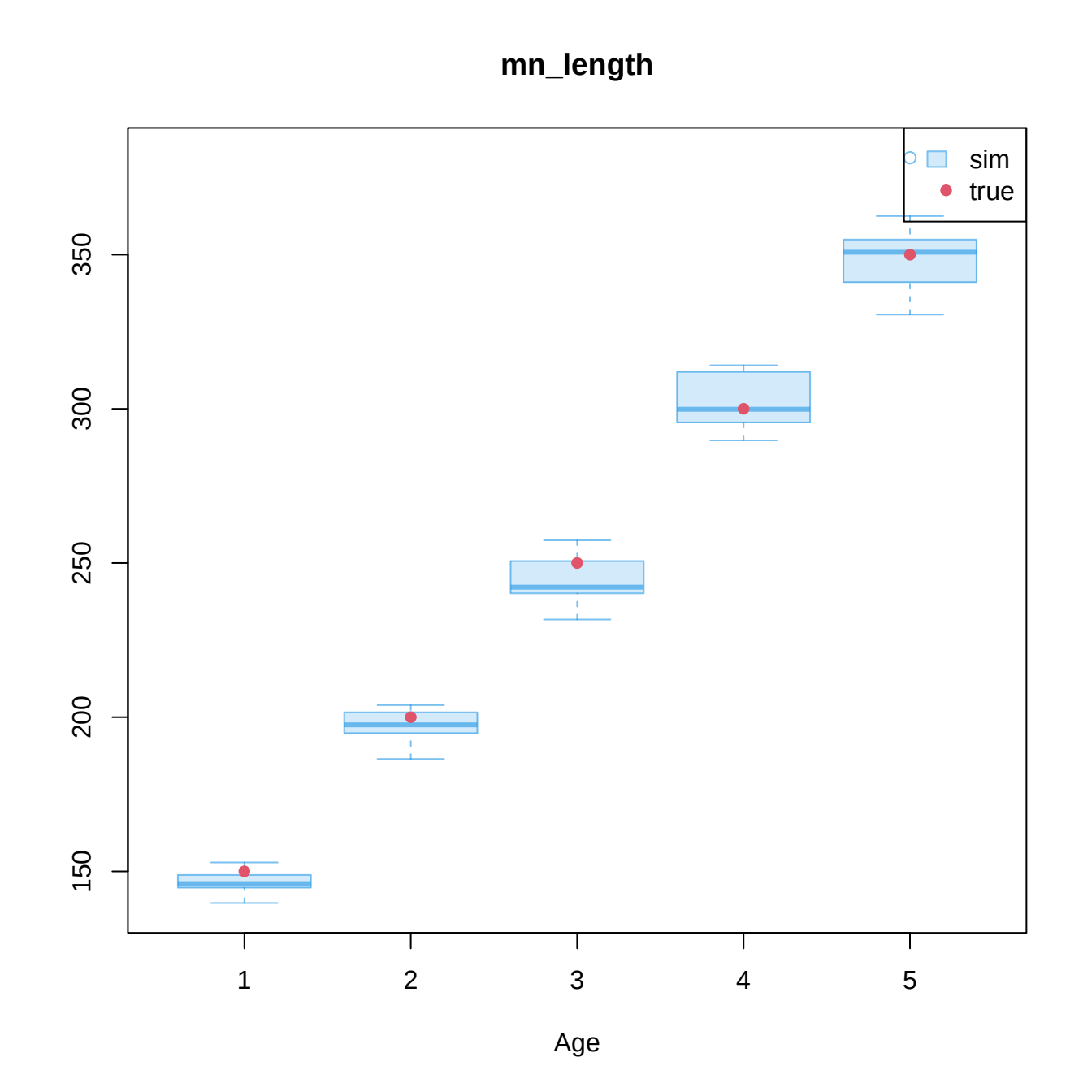
5
Age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150
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3
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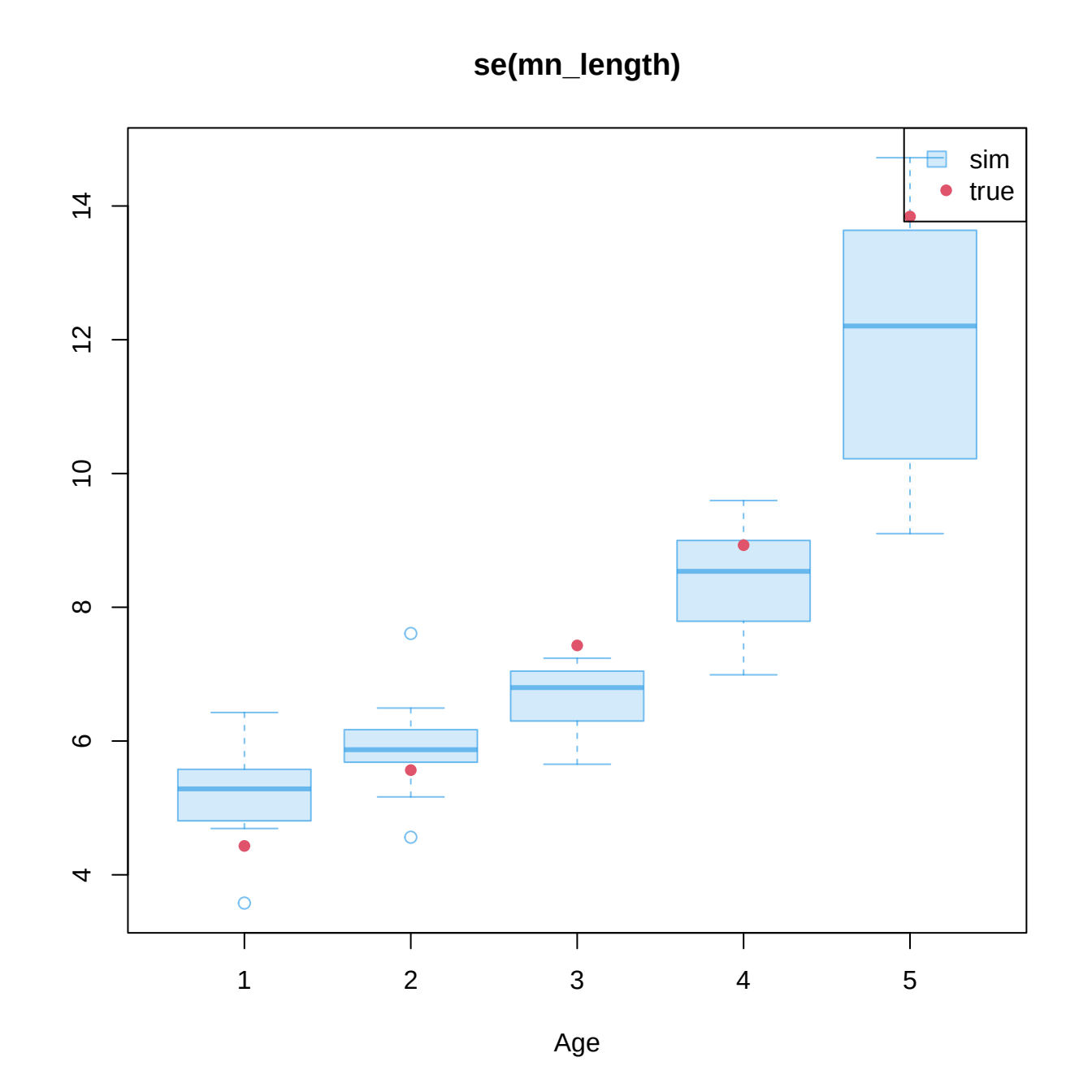
Age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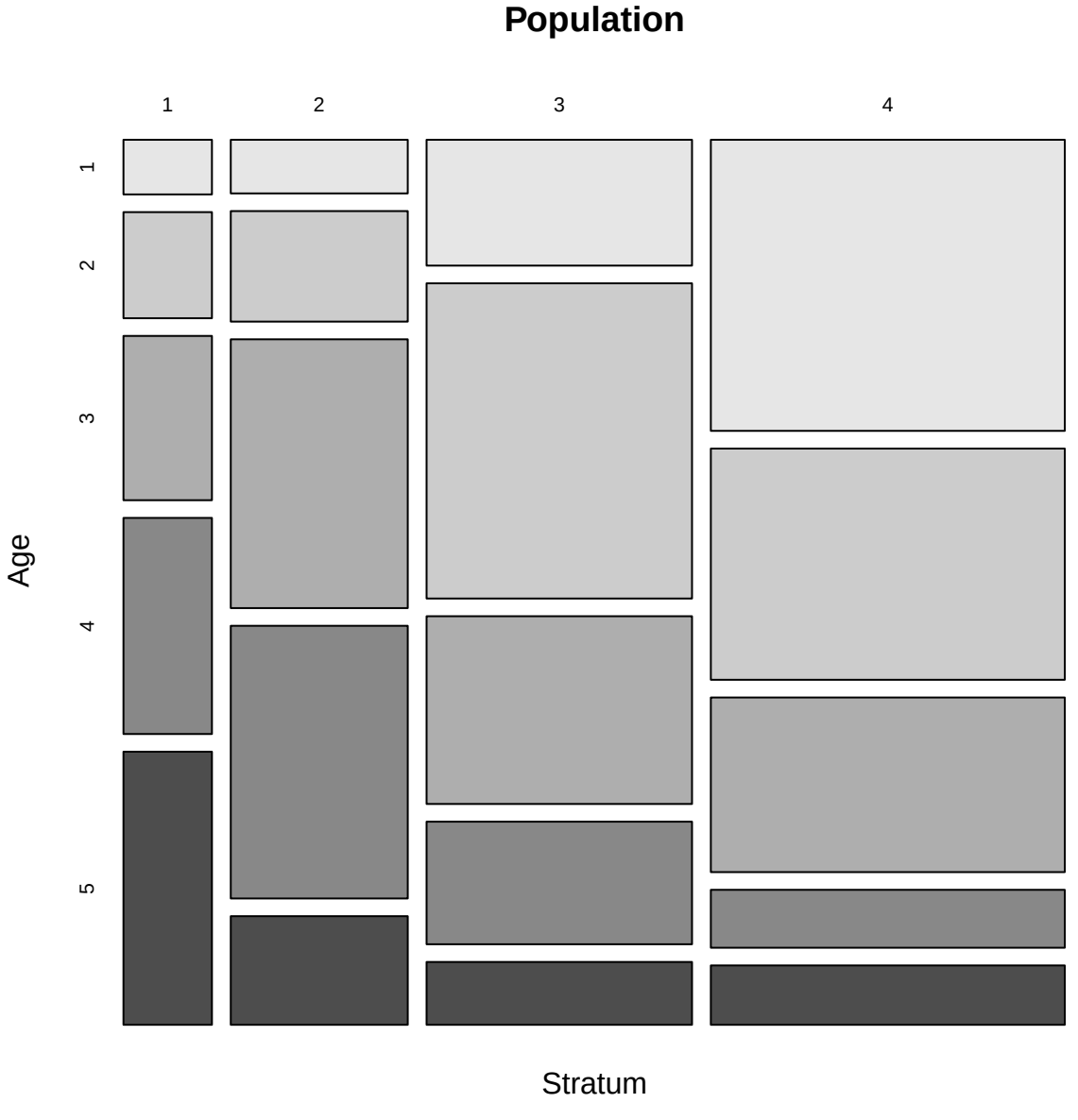
Age


Population
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Age
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3
4
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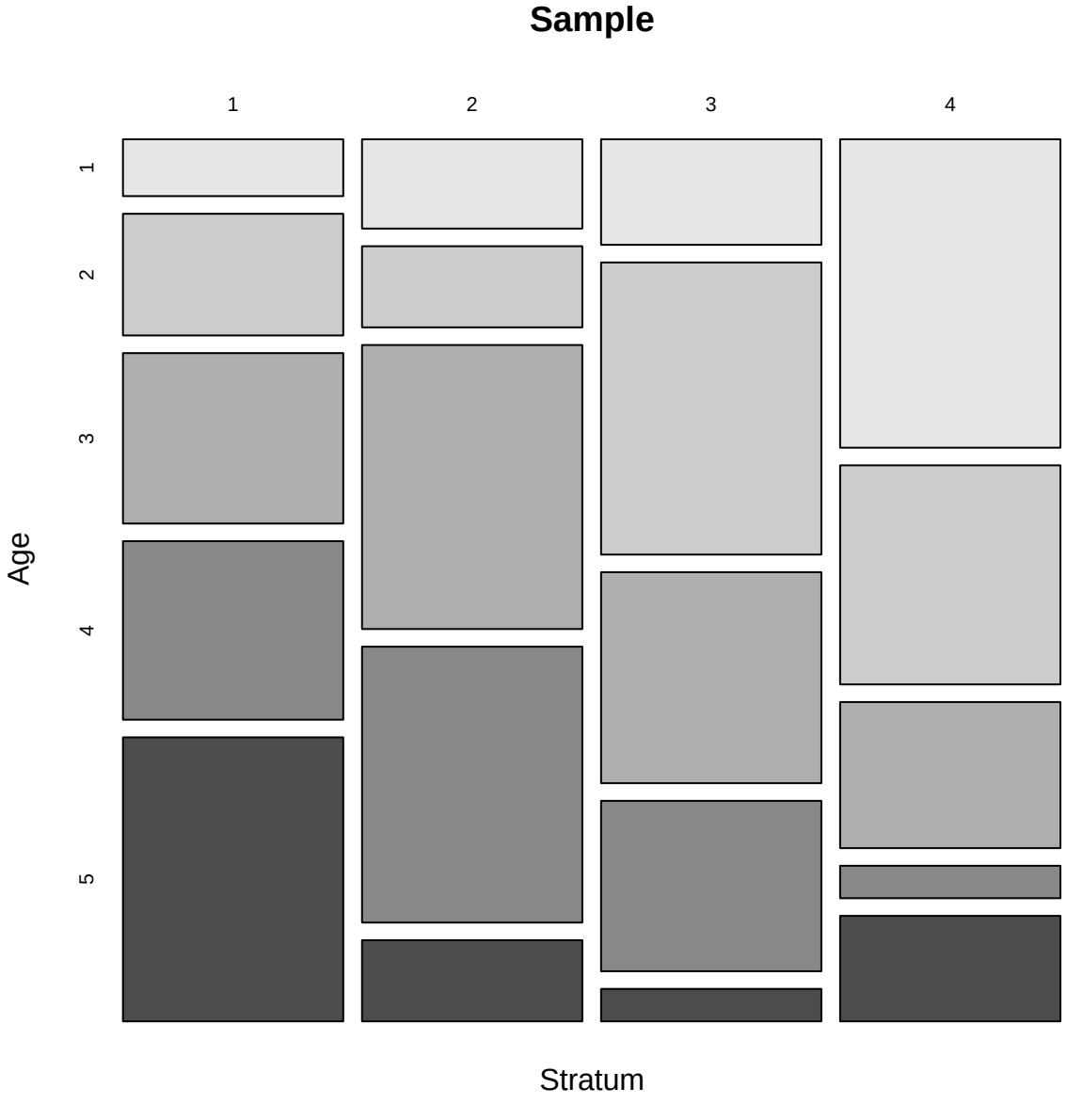
Stratum


Sample
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Age
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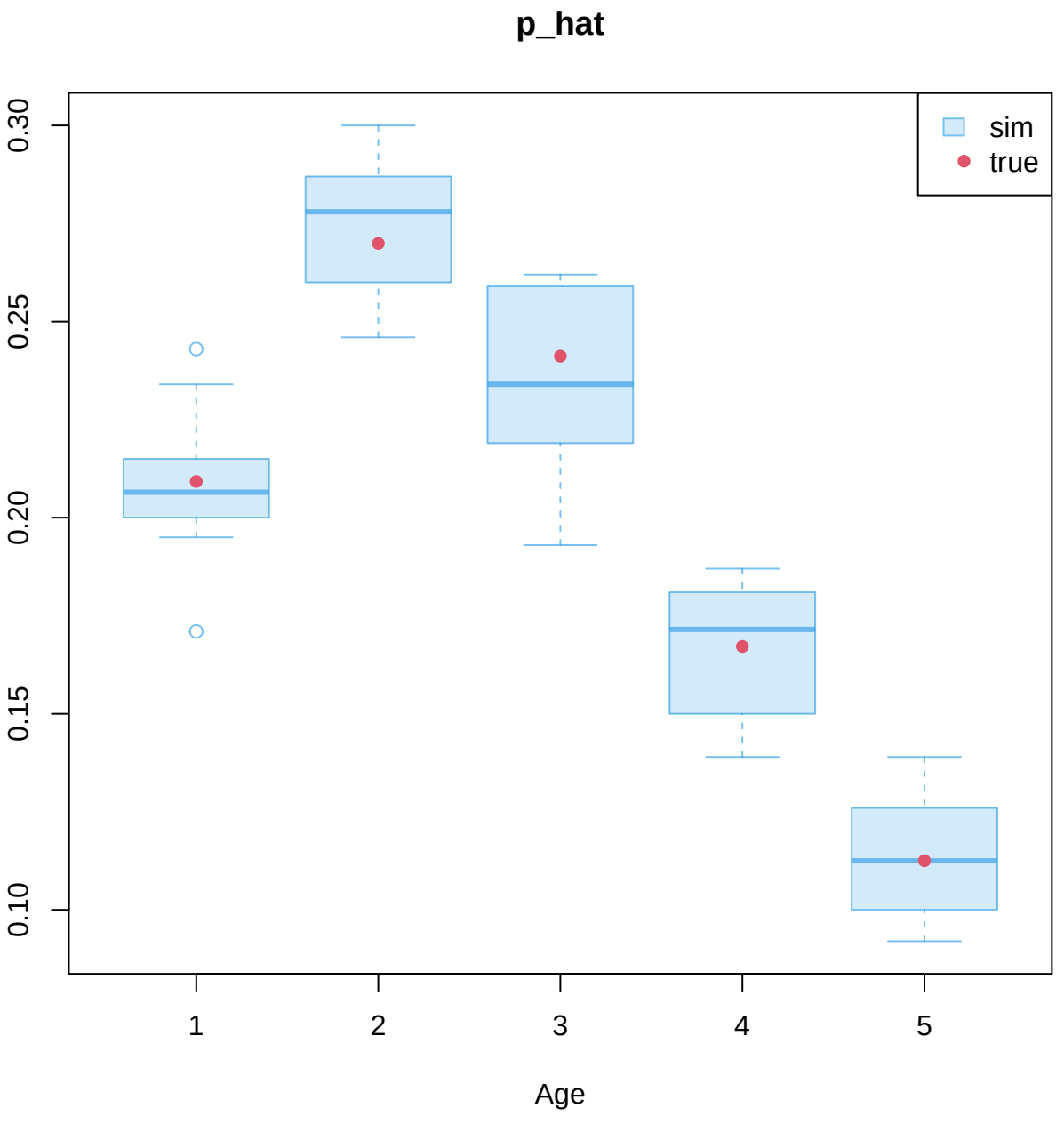
Stratum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0.10
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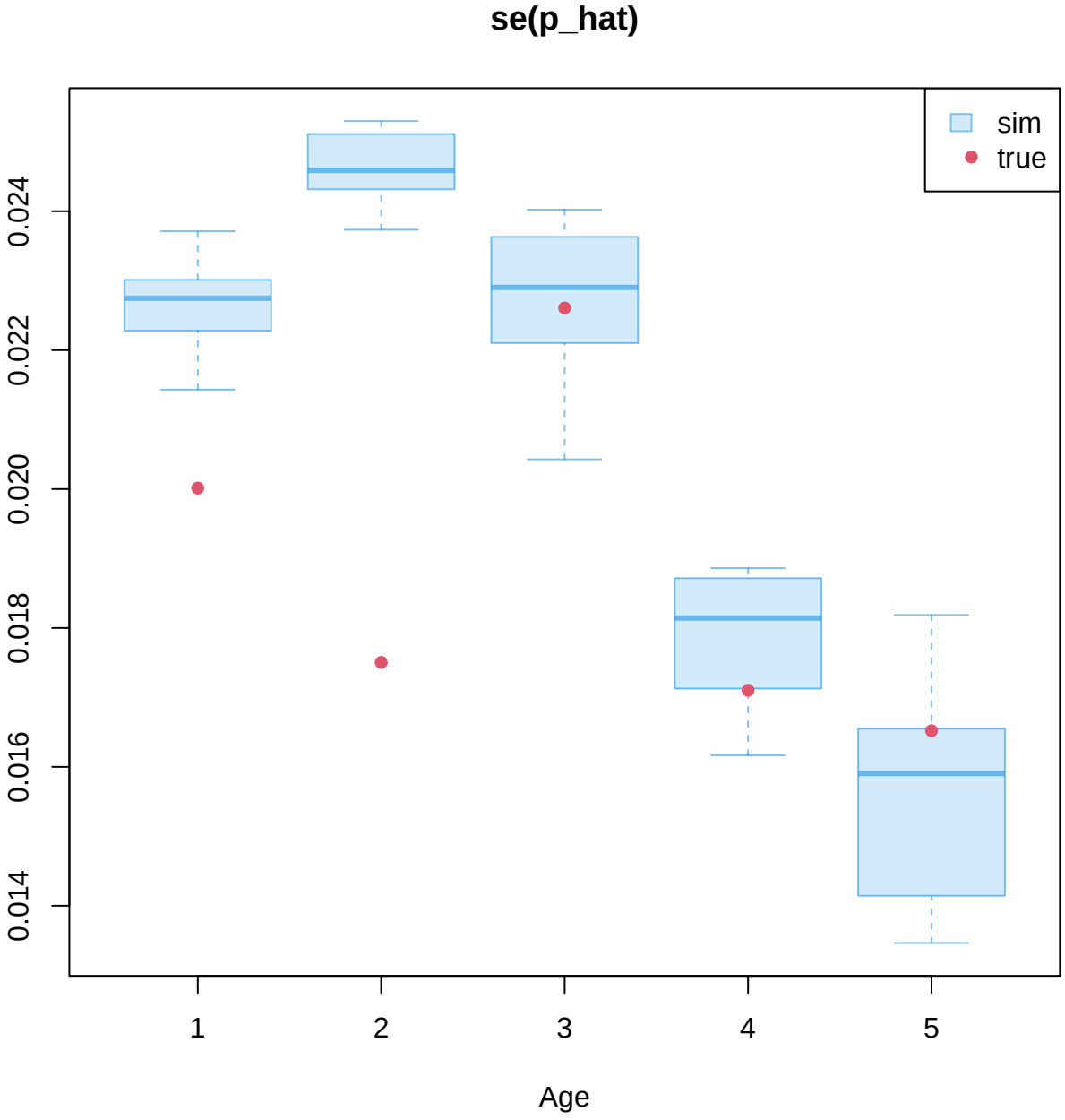
Age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0.014
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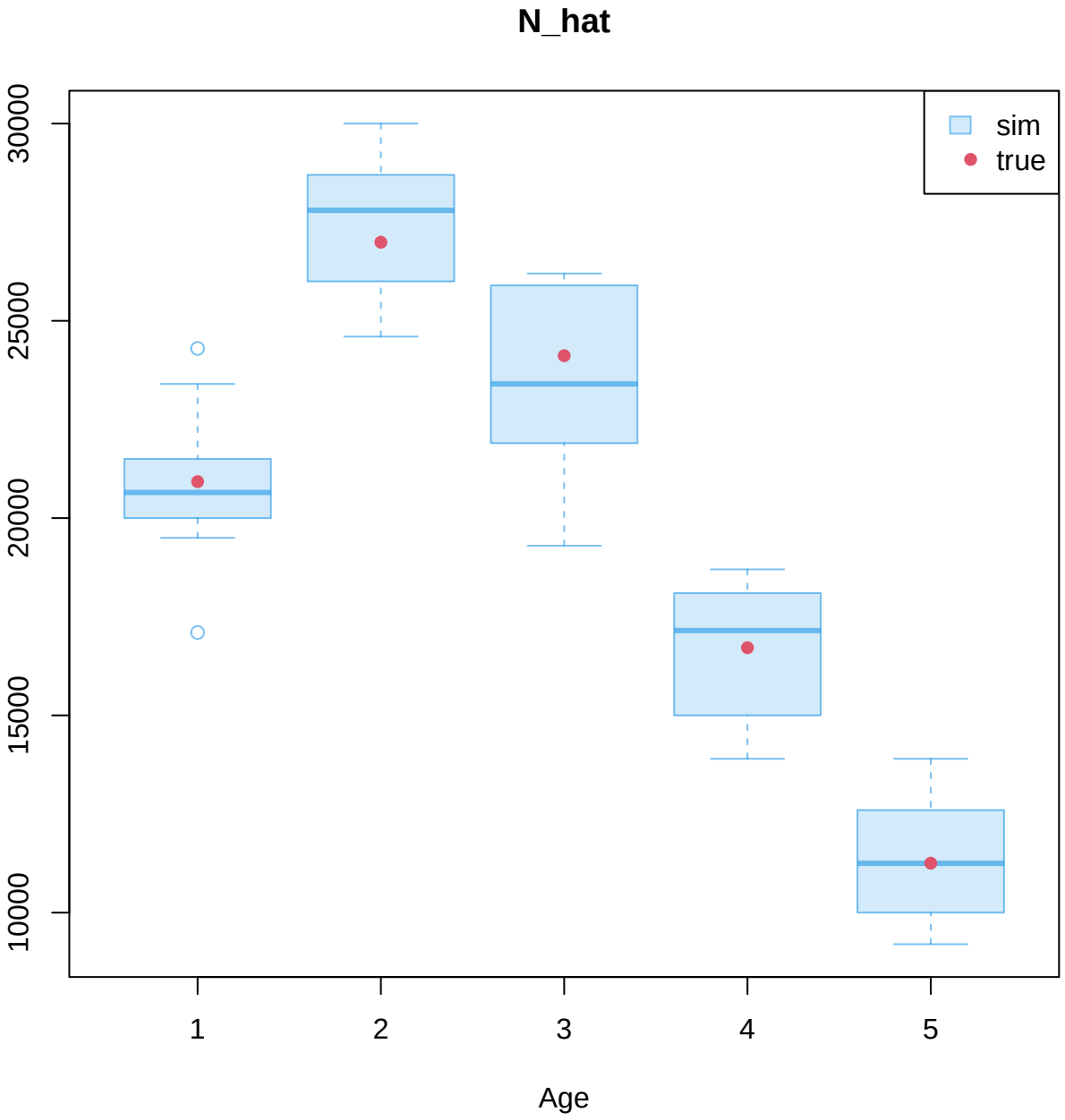
Age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20000
15000
10000
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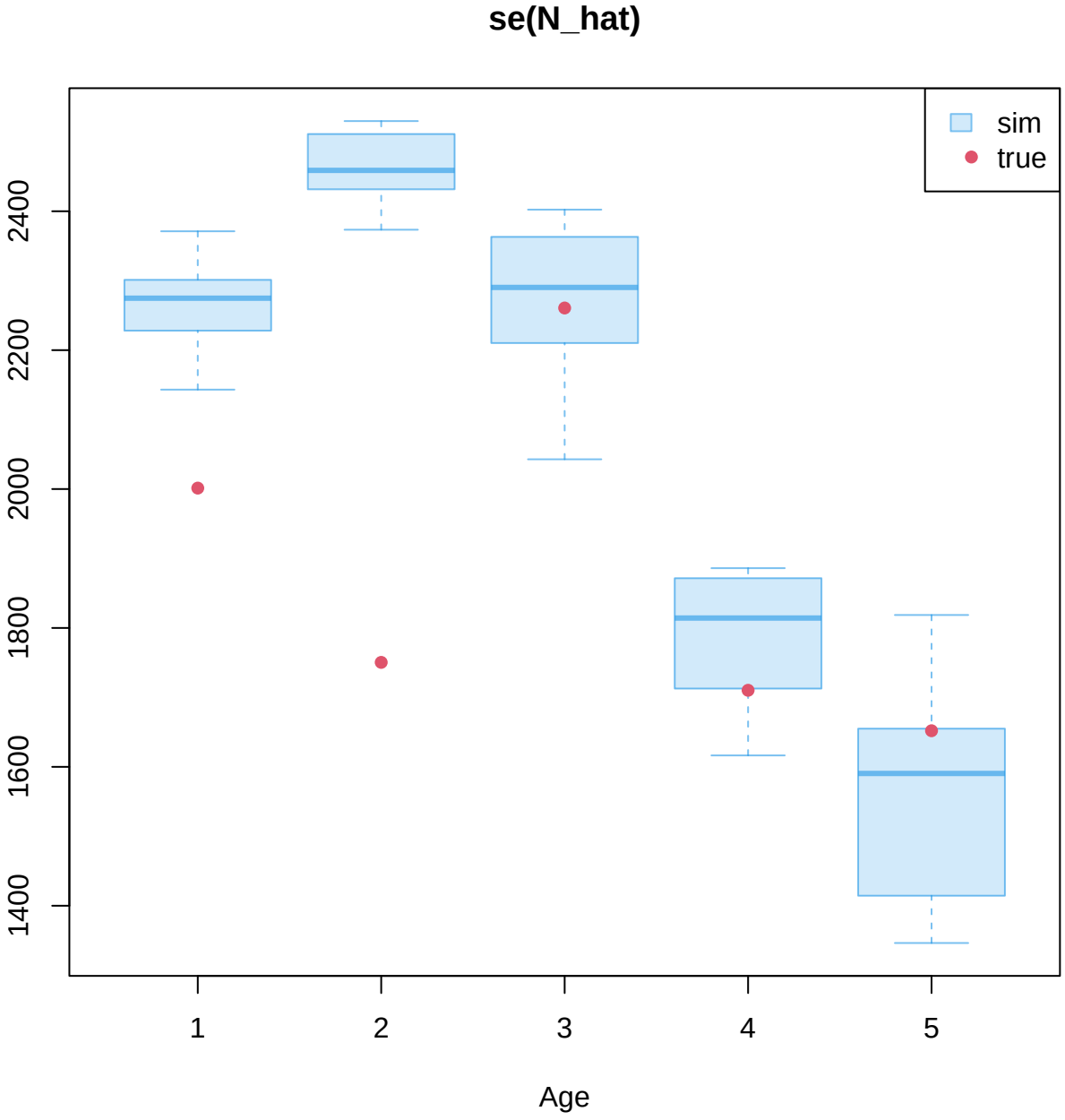
5
Age
sim
true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1600
1400
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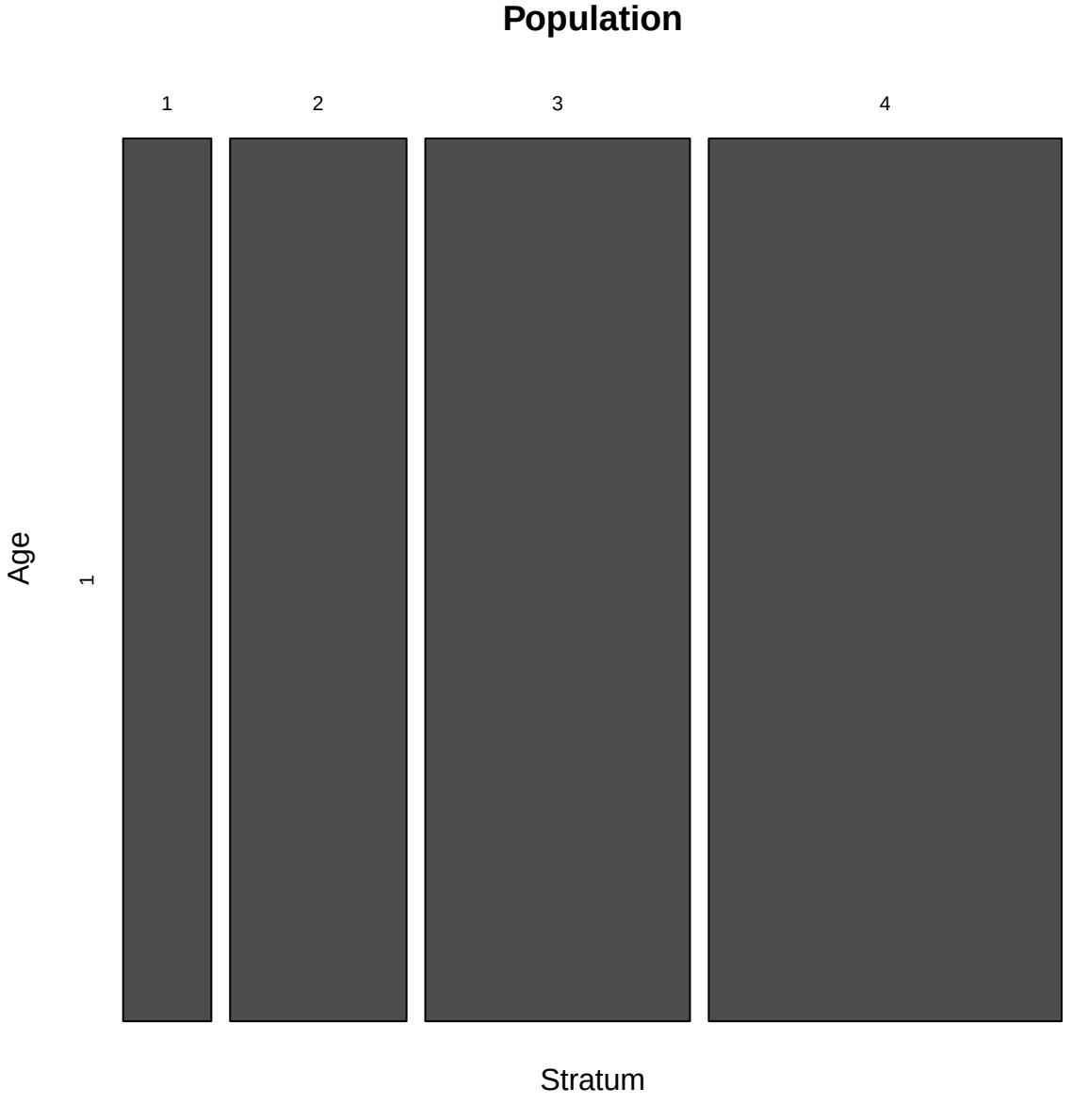
2
3
4
5
Age


Population
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3
4
Age
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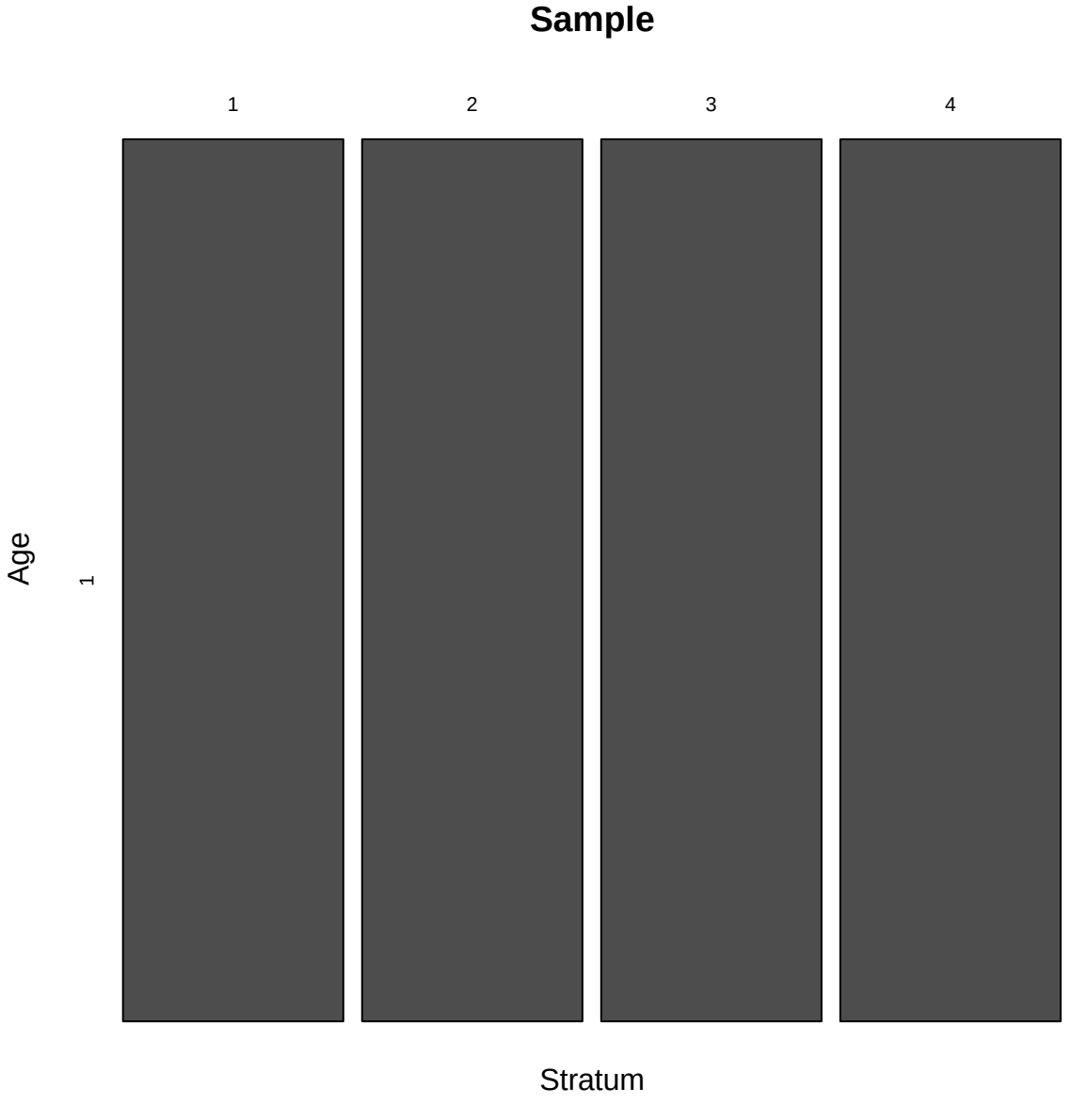
Stratum


Sample
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4
Age
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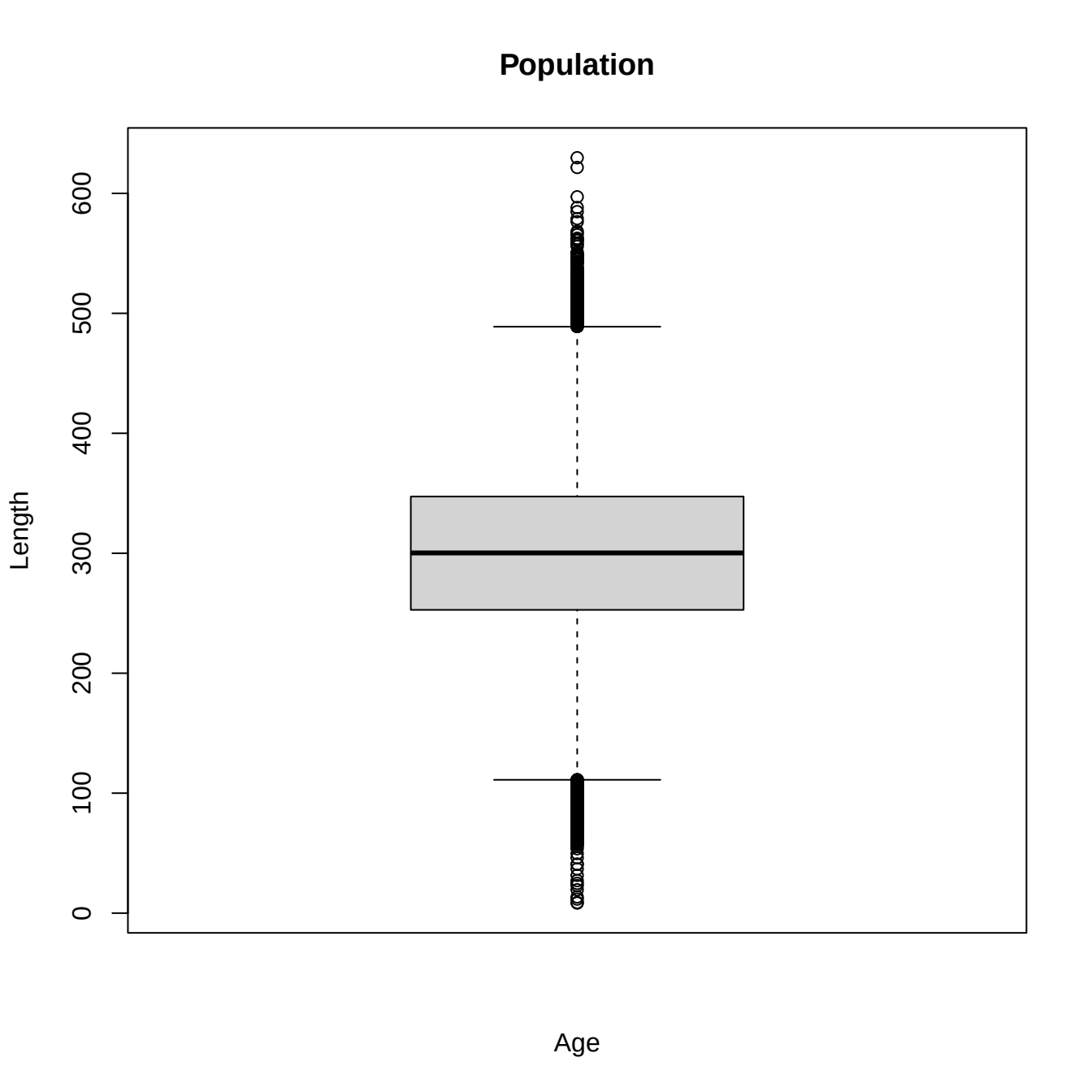
Stratum


Population
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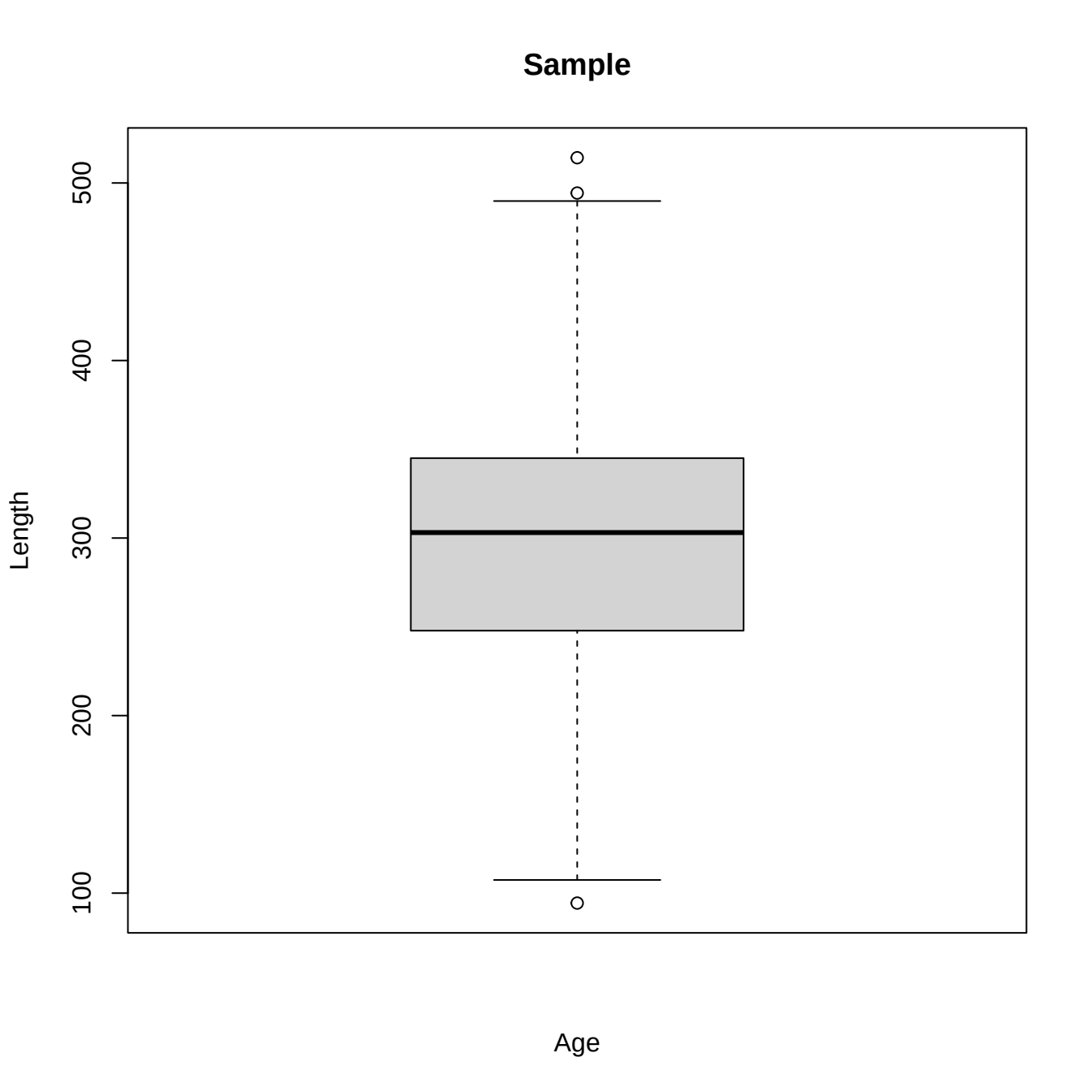
Age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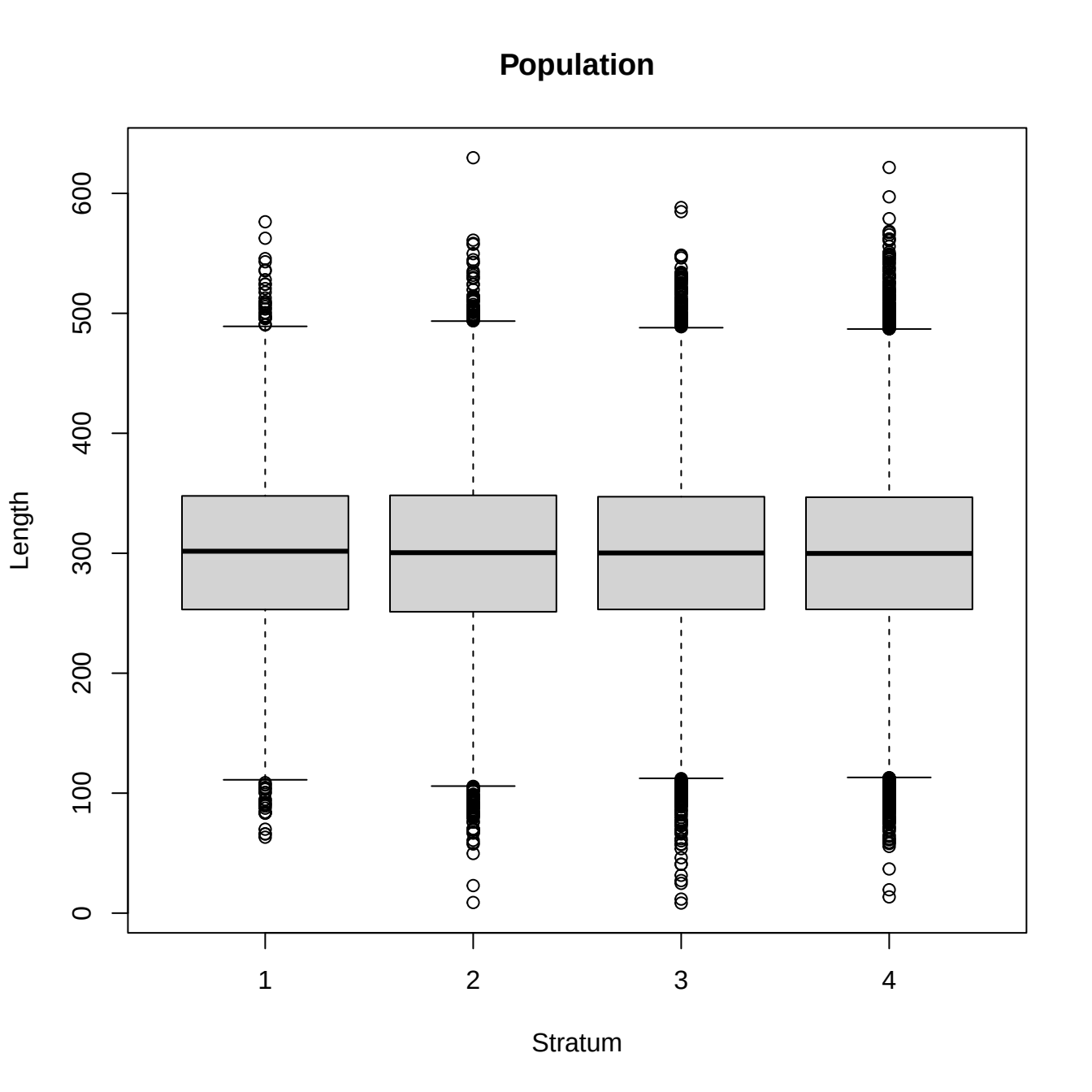
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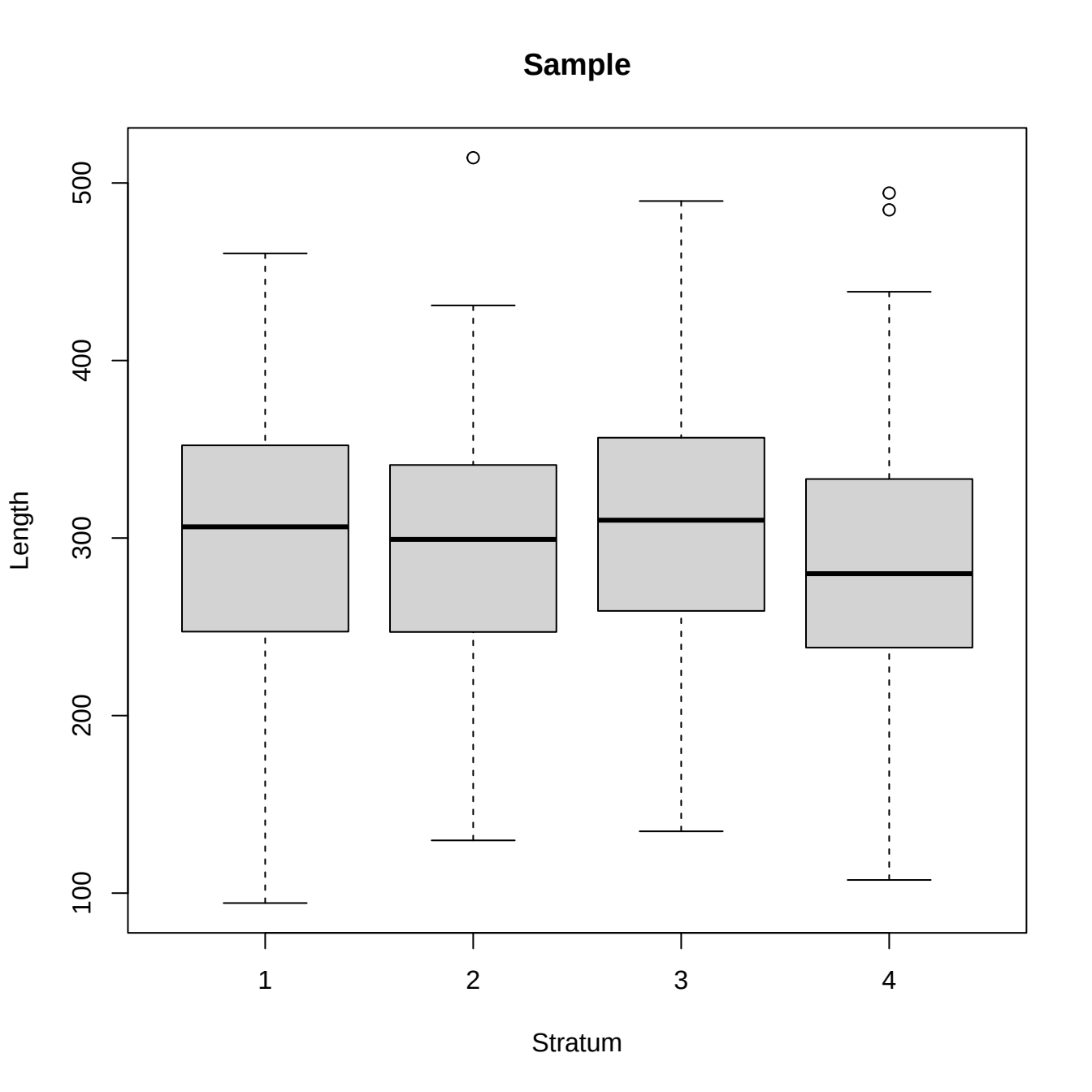
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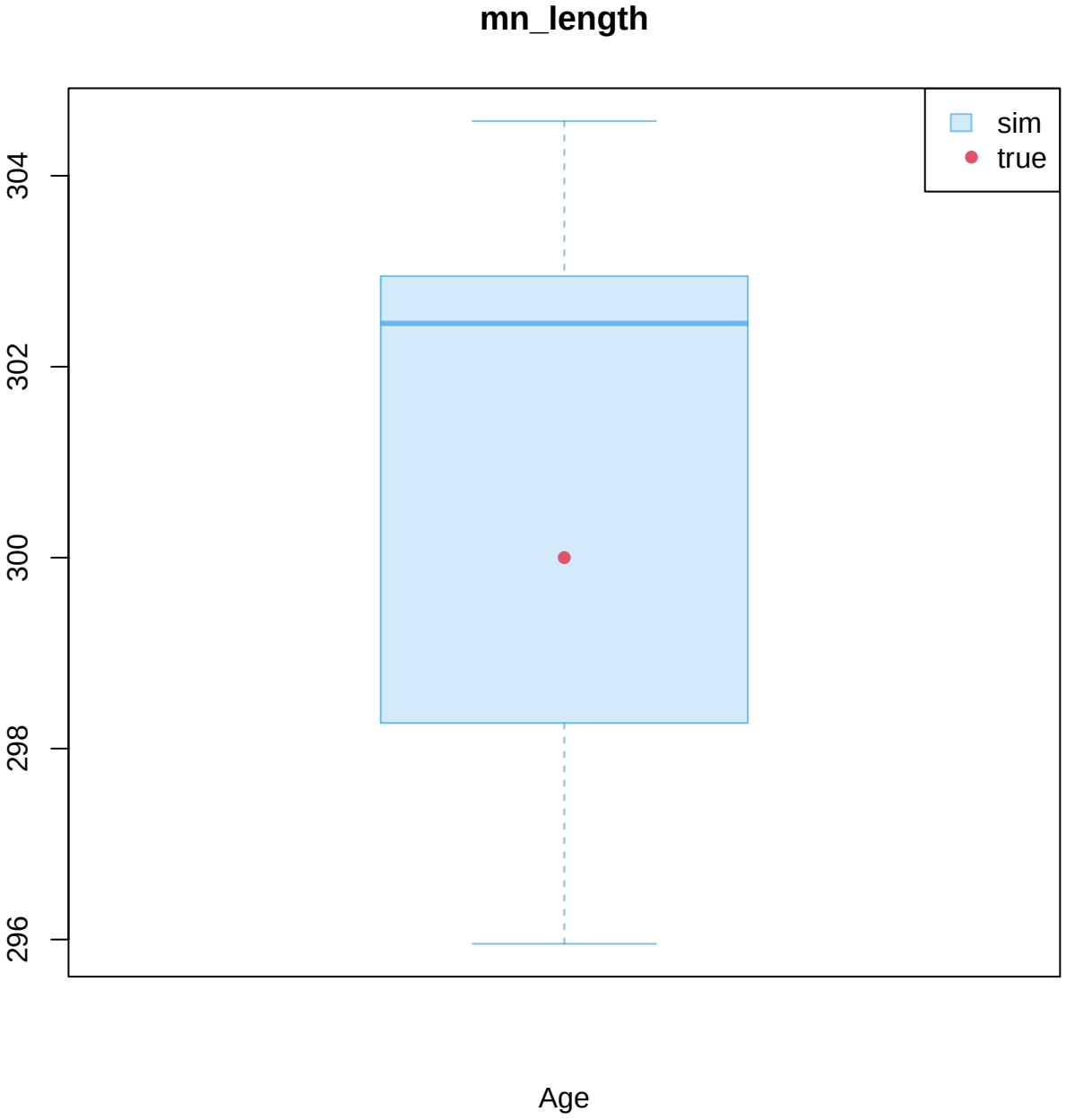
Stratum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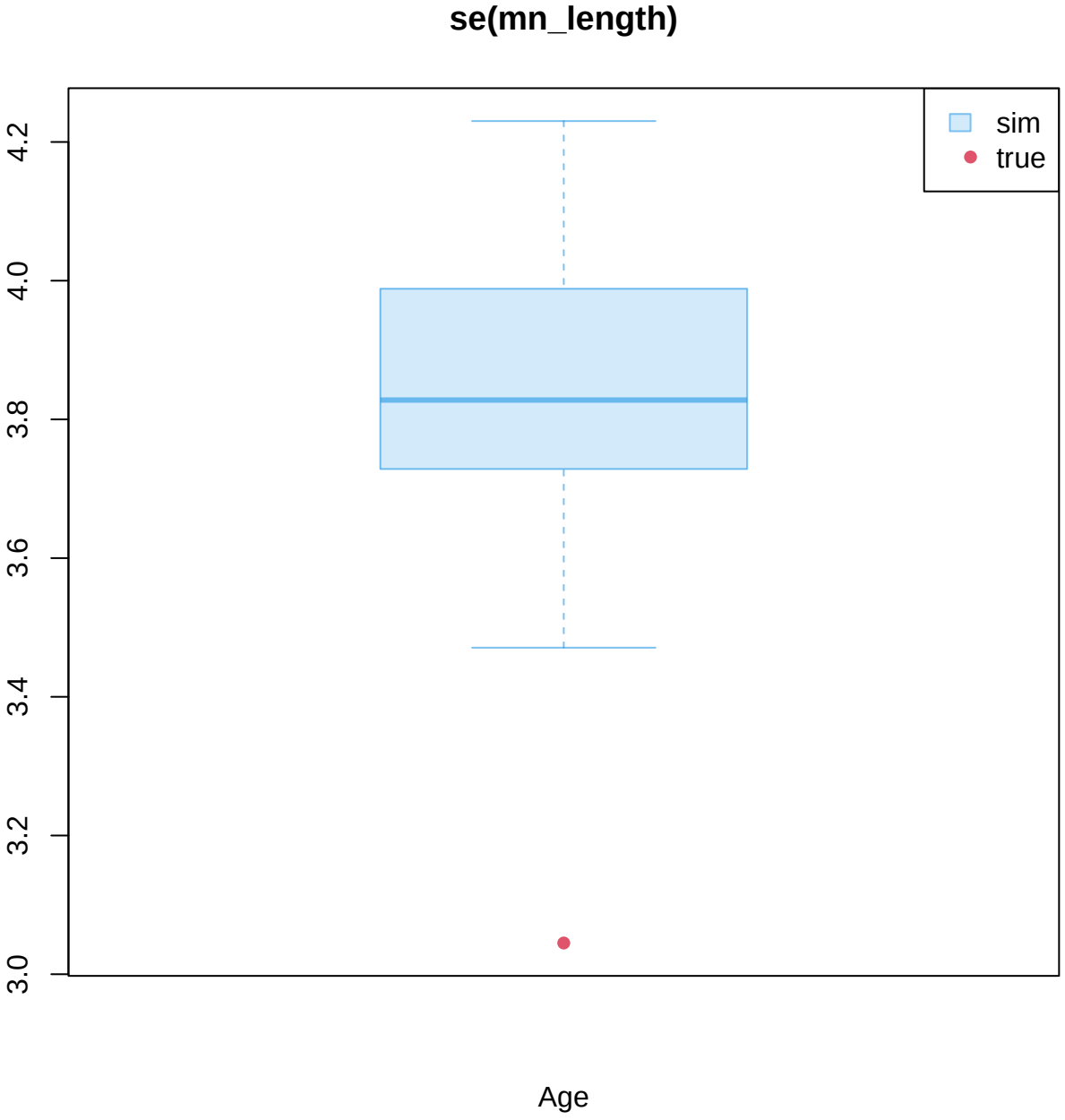
Age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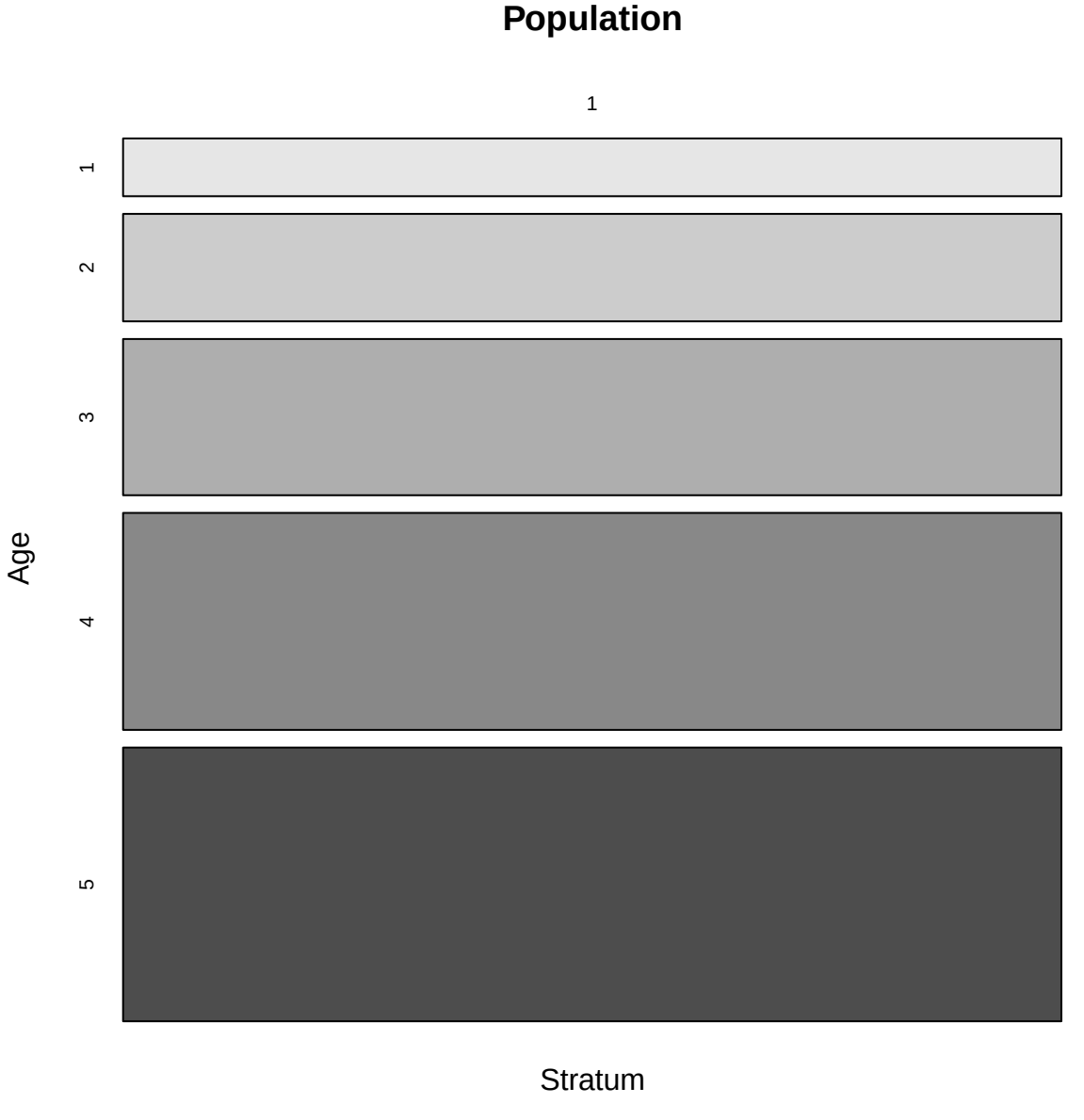
Population
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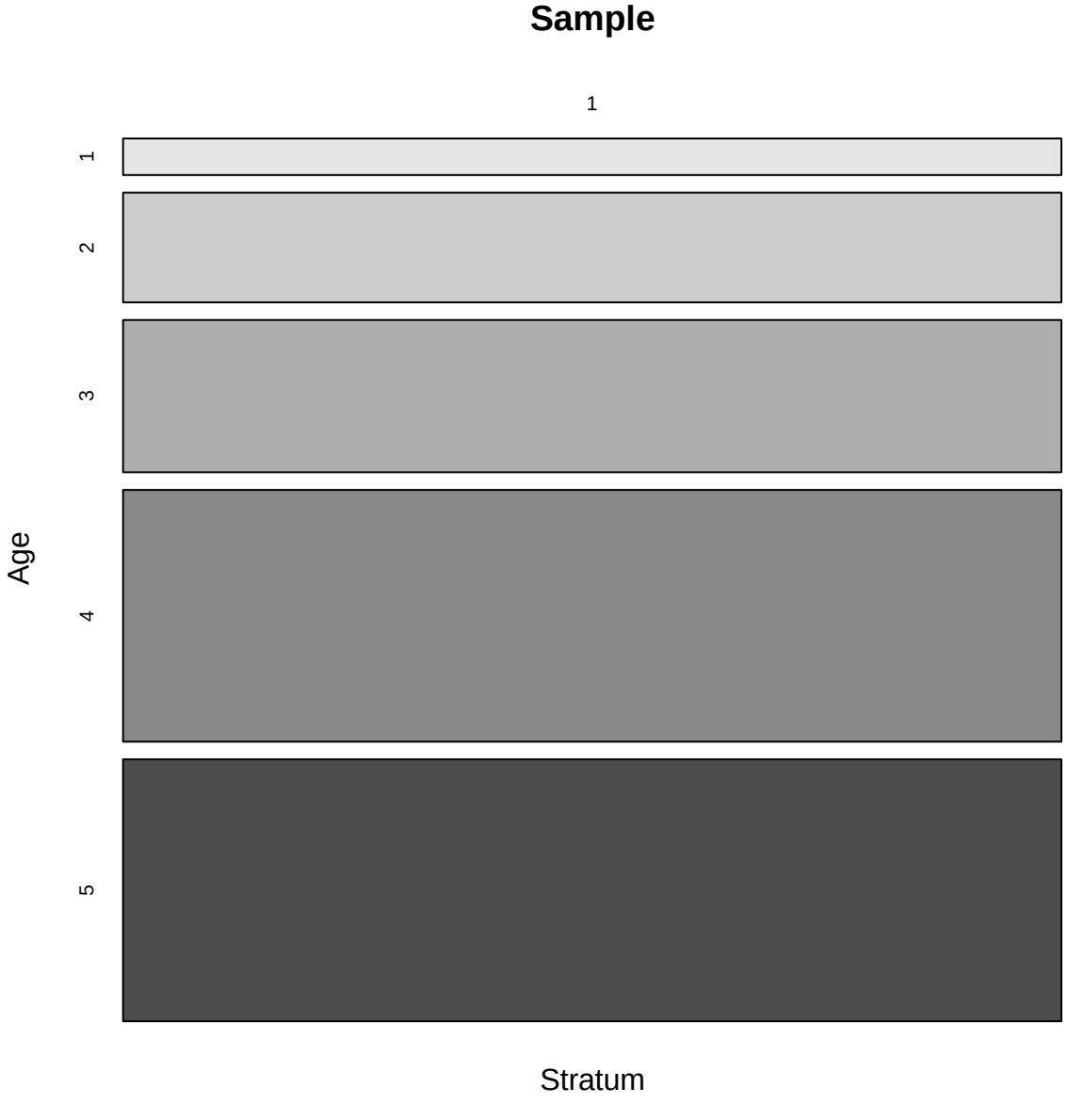
3
4
5
Age
Stratum


Sample
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4
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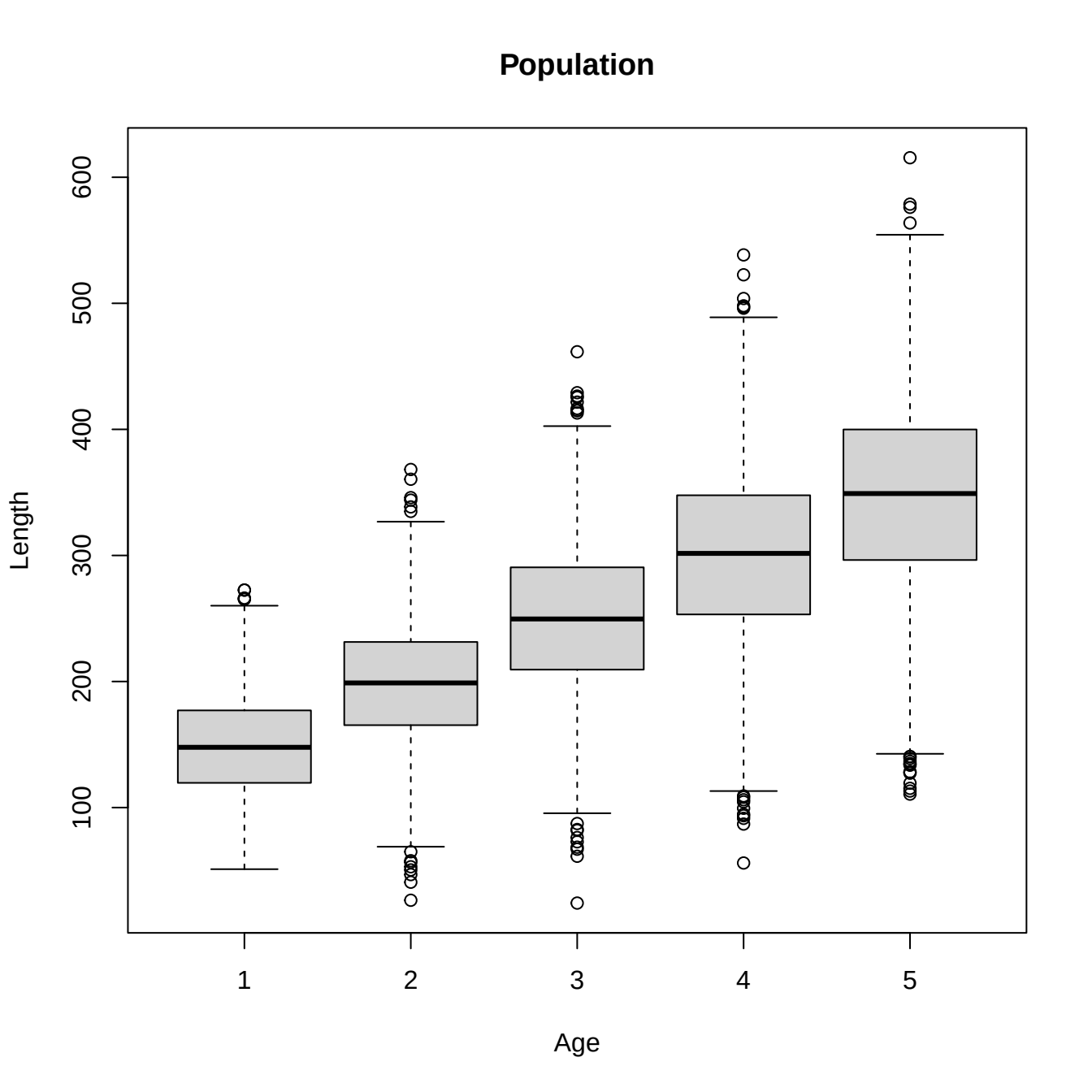
Age
Stratum


Population
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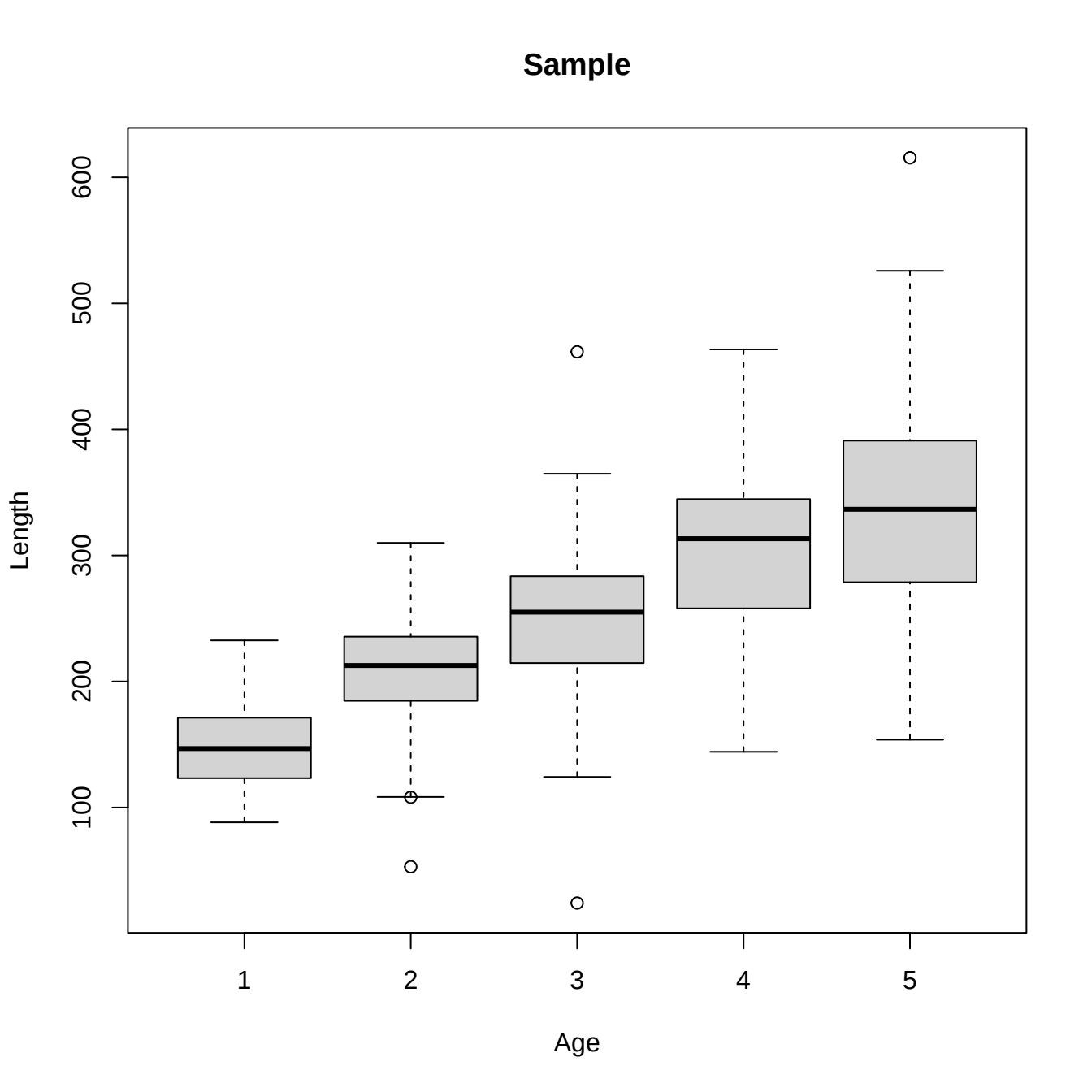
Age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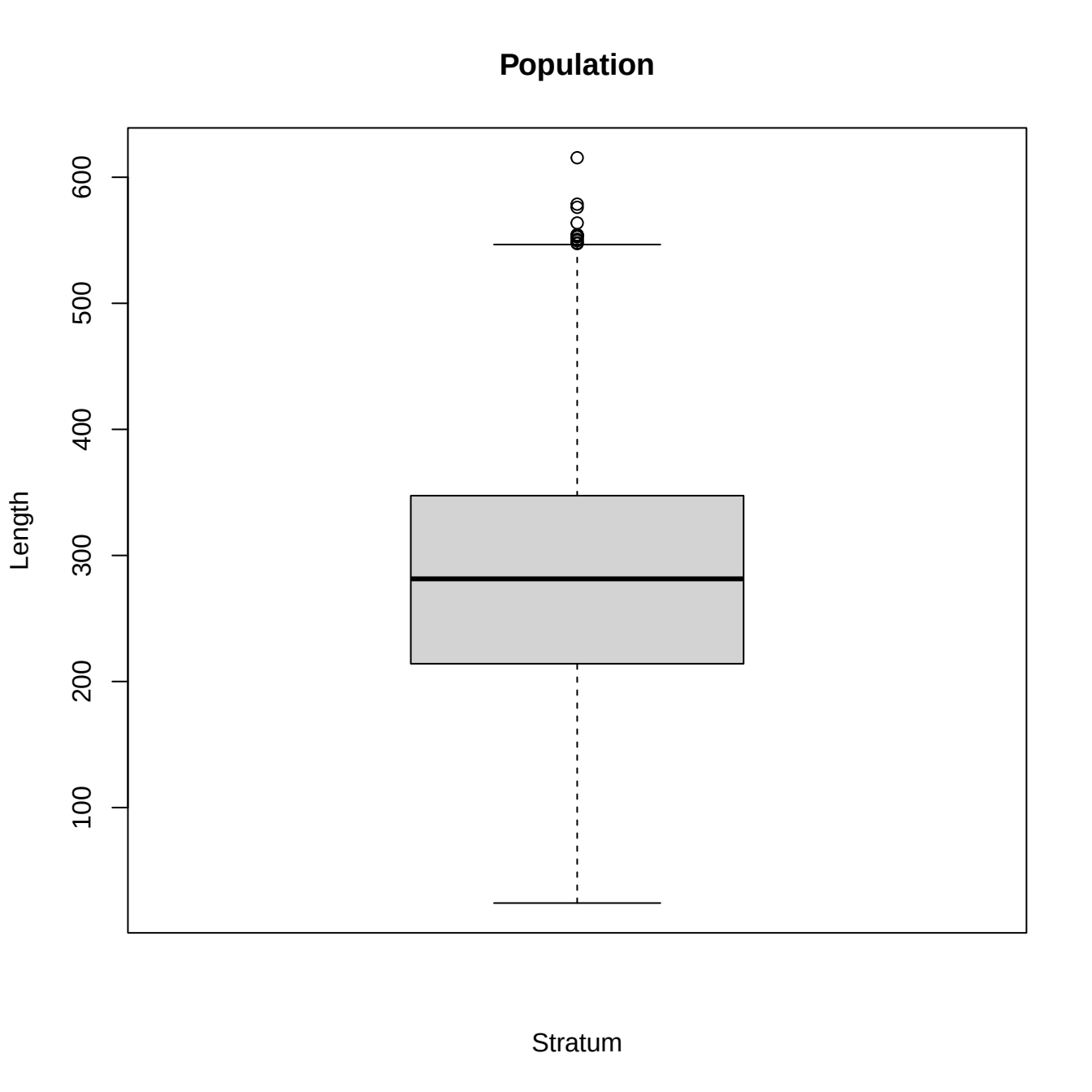
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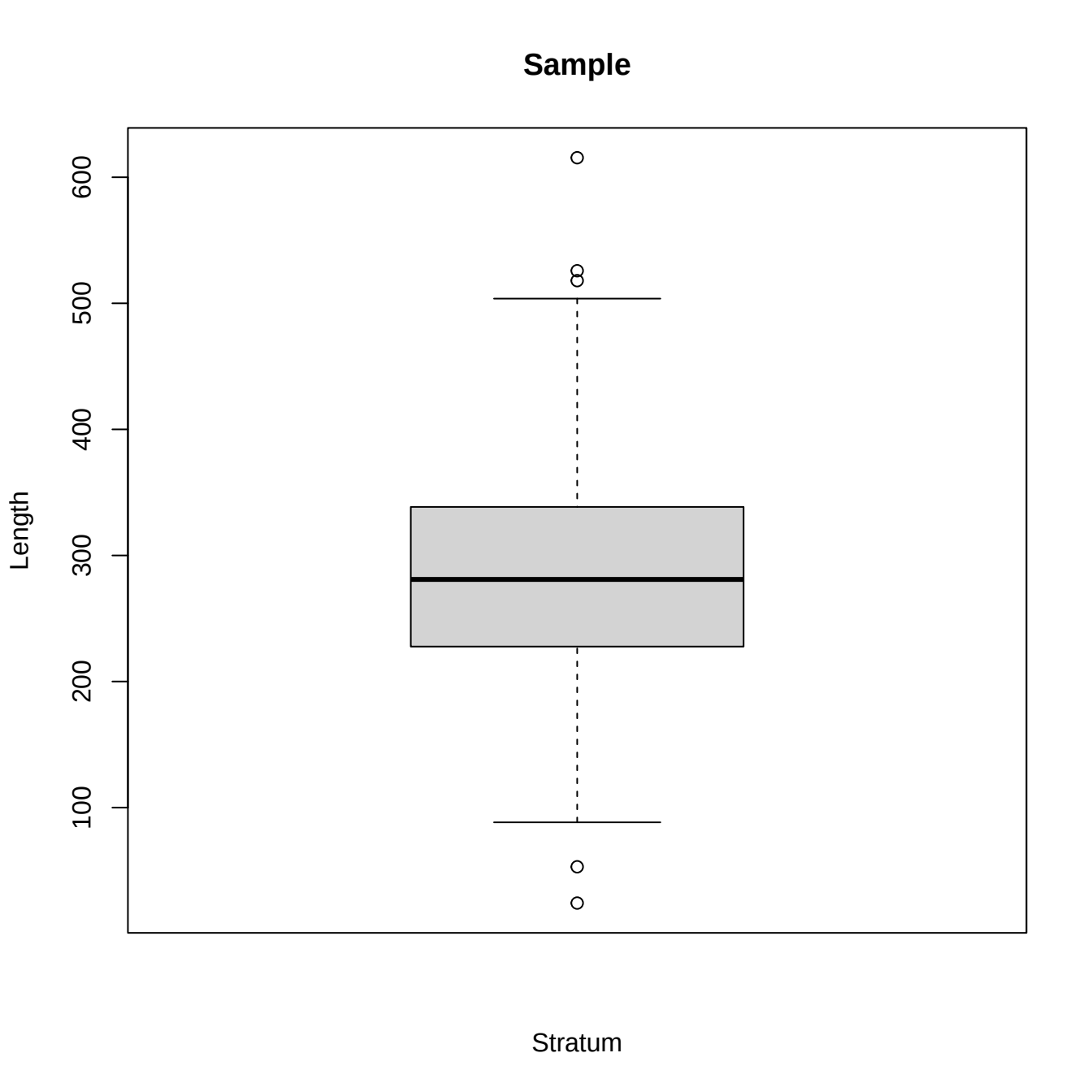
Stratum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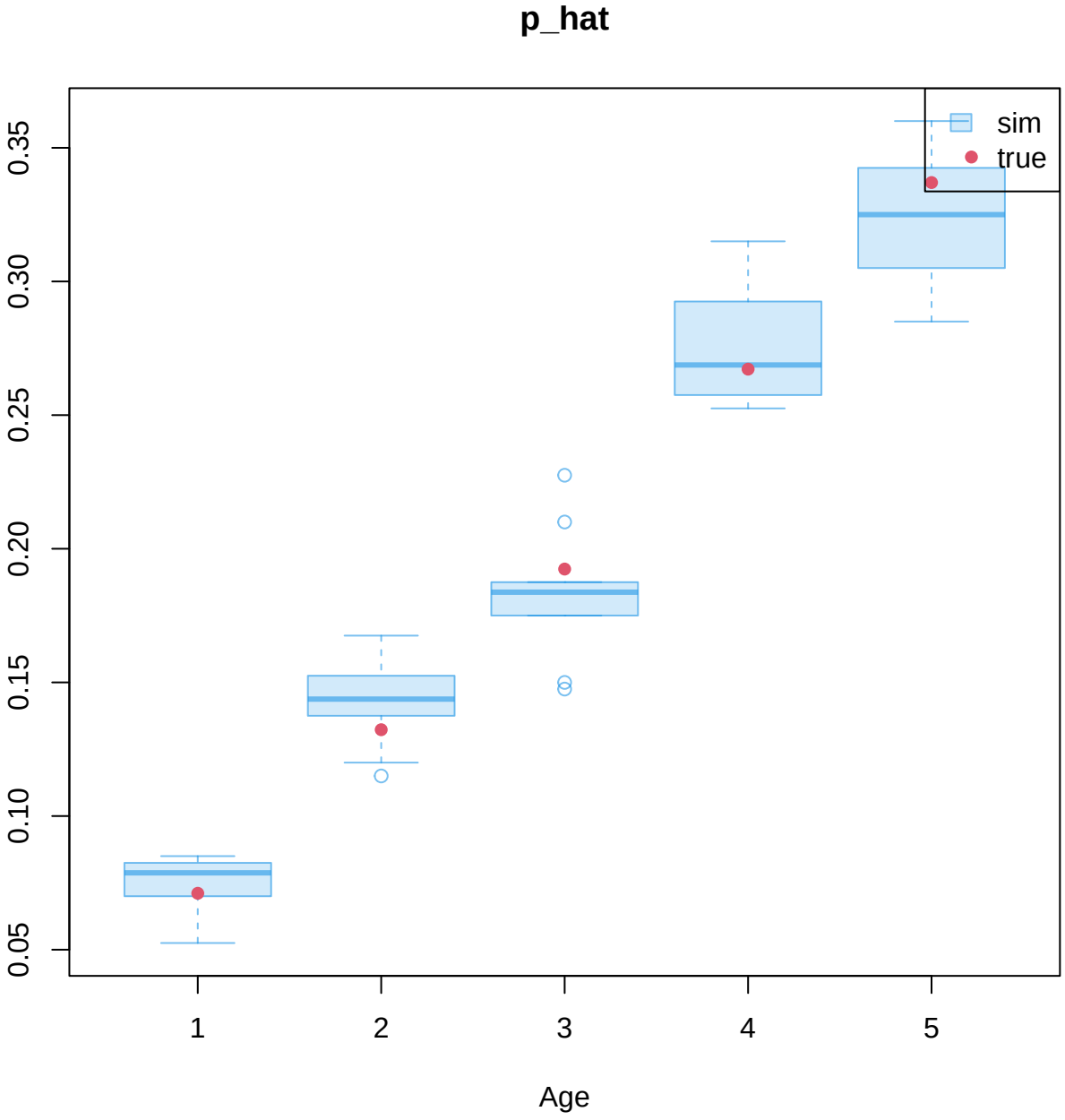
Stratum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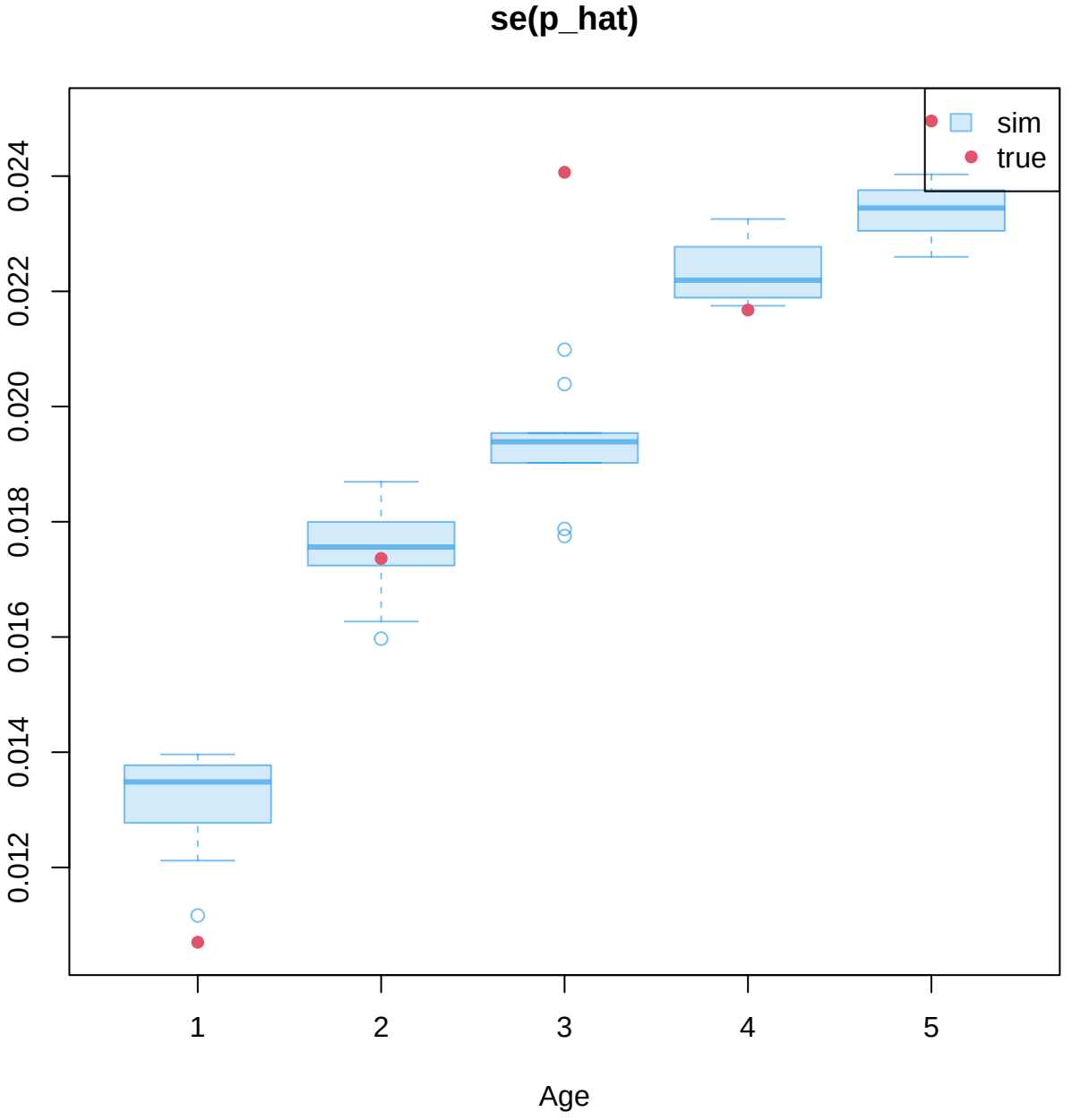
Age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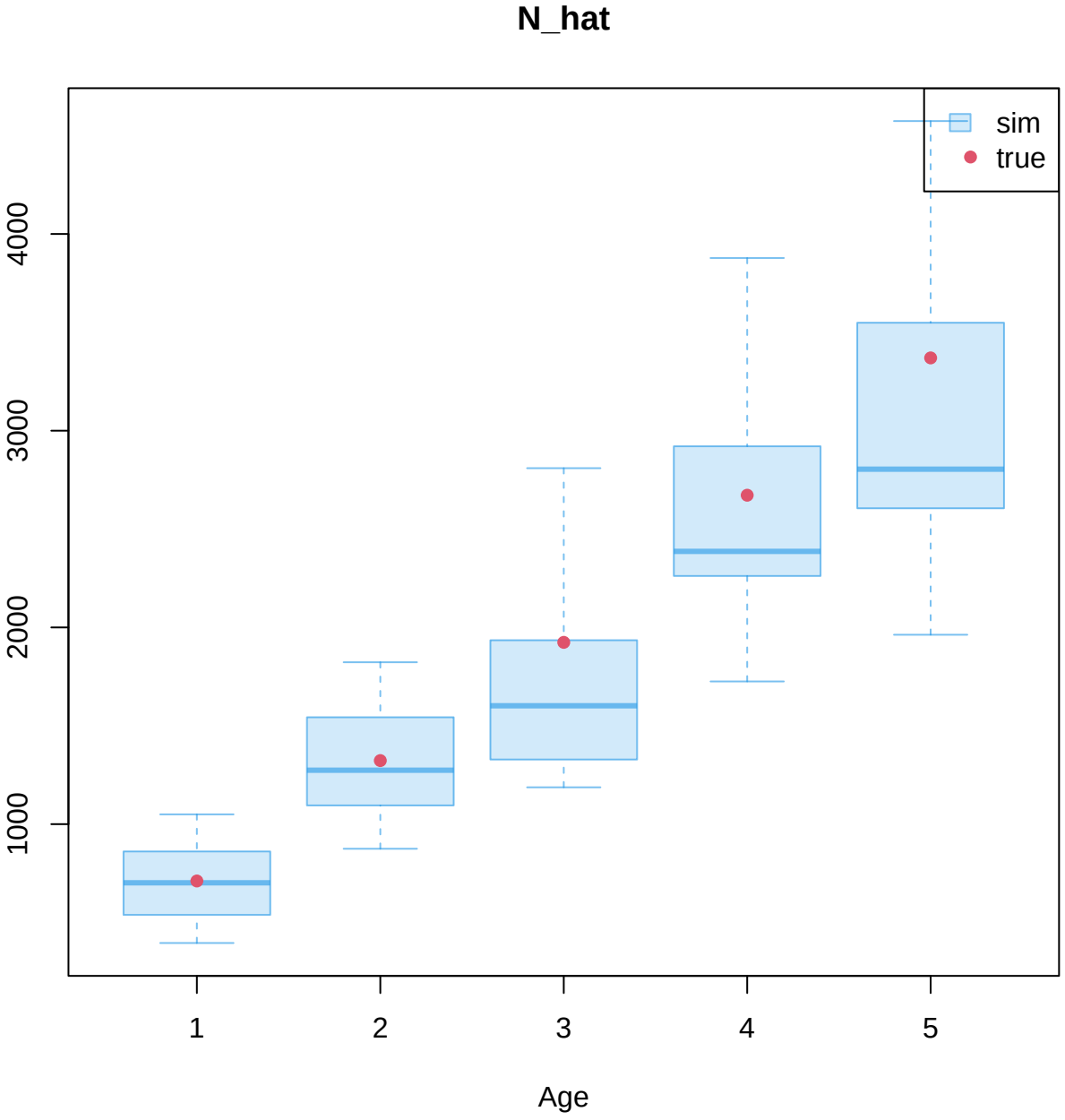
Age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1000
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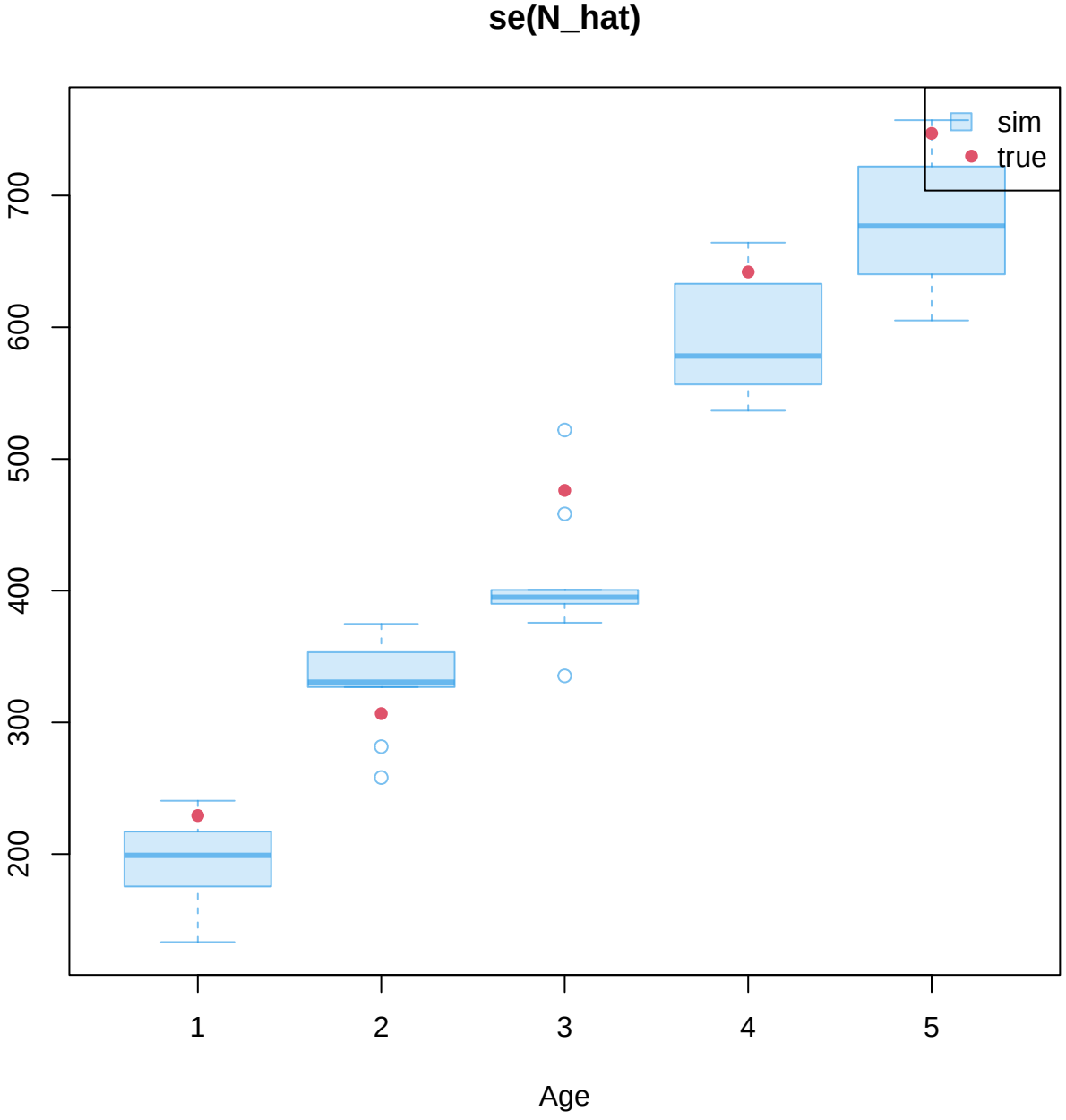
3
4
5
Age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300
200
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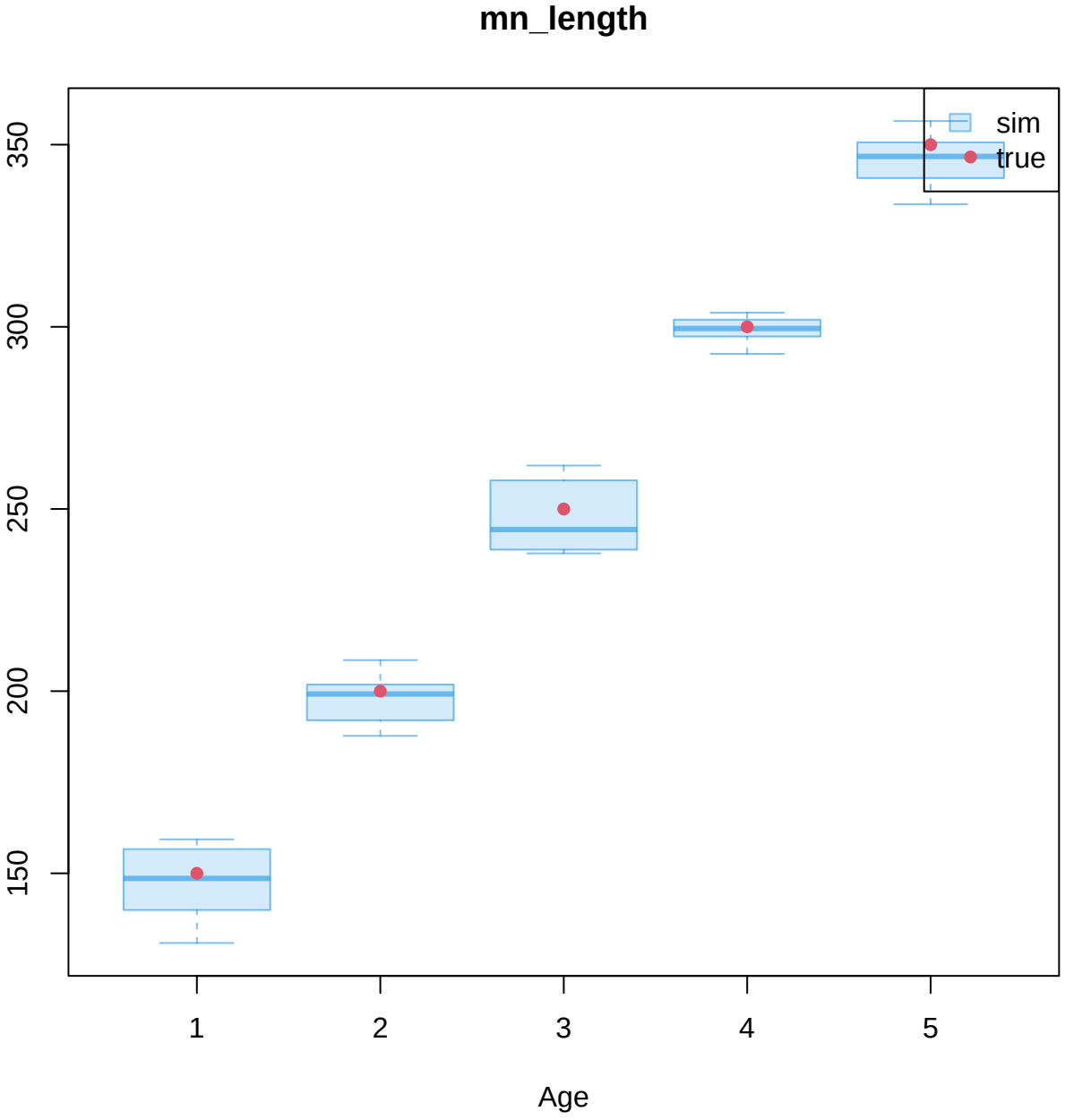
3
4
5
Age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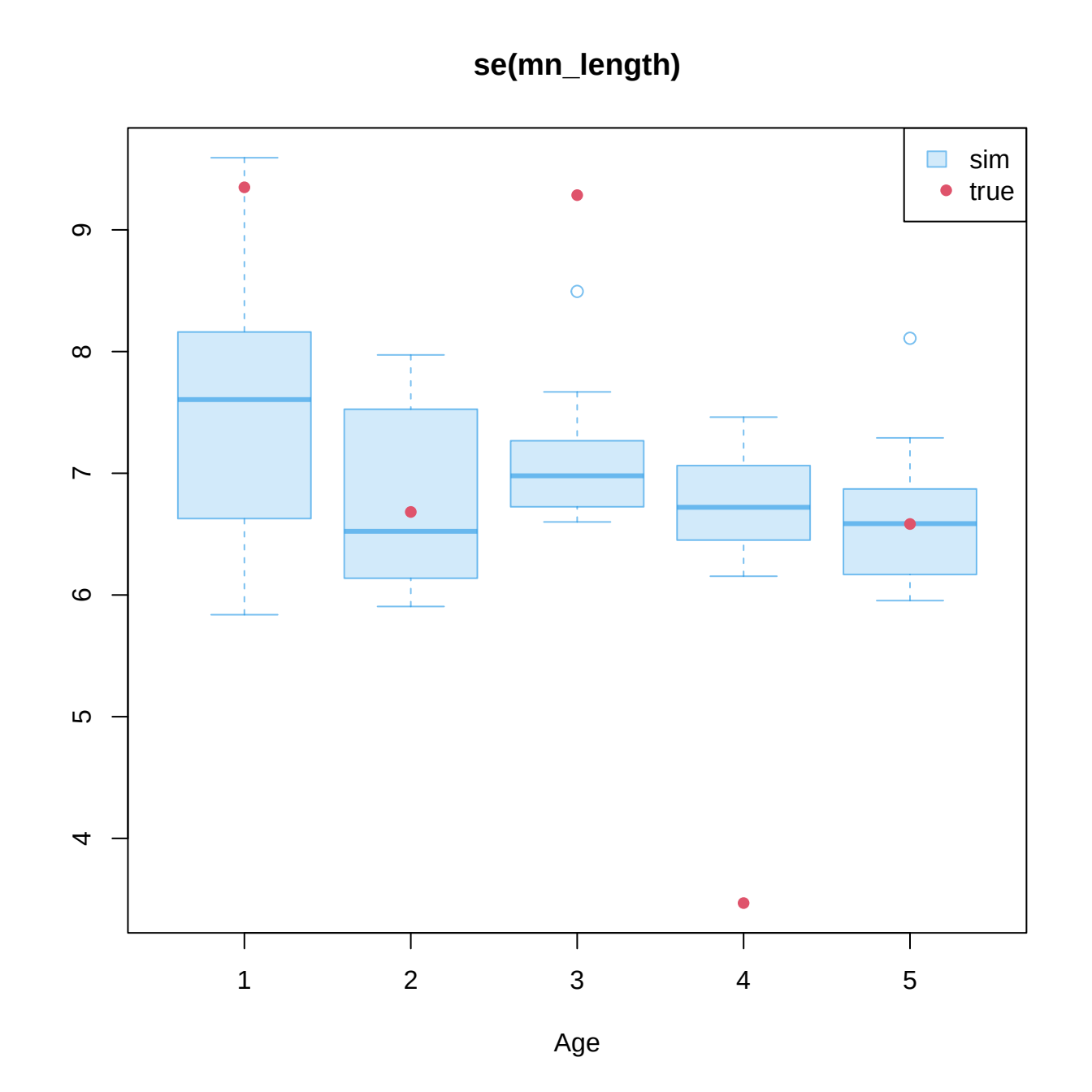
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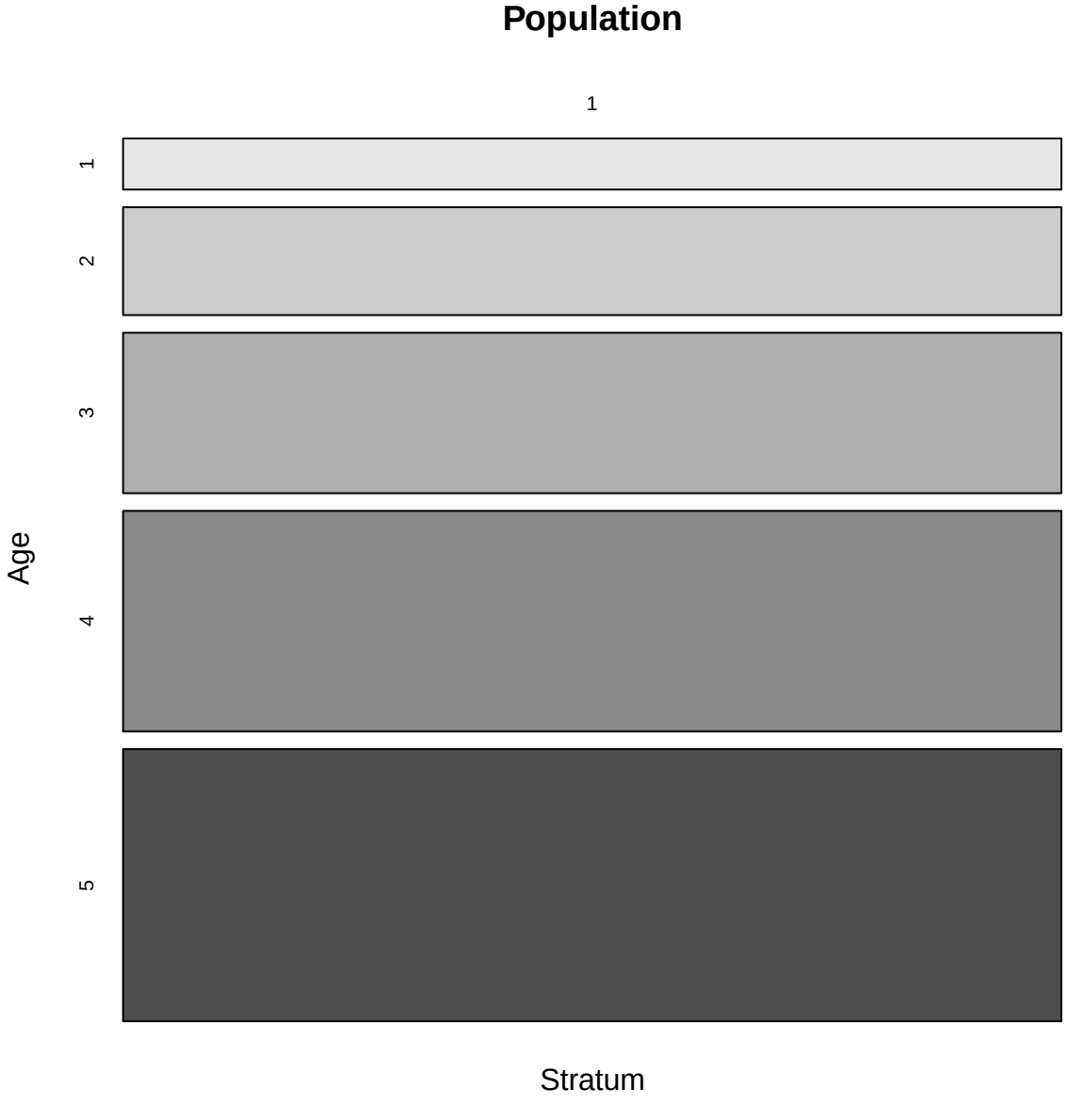
Age


Population
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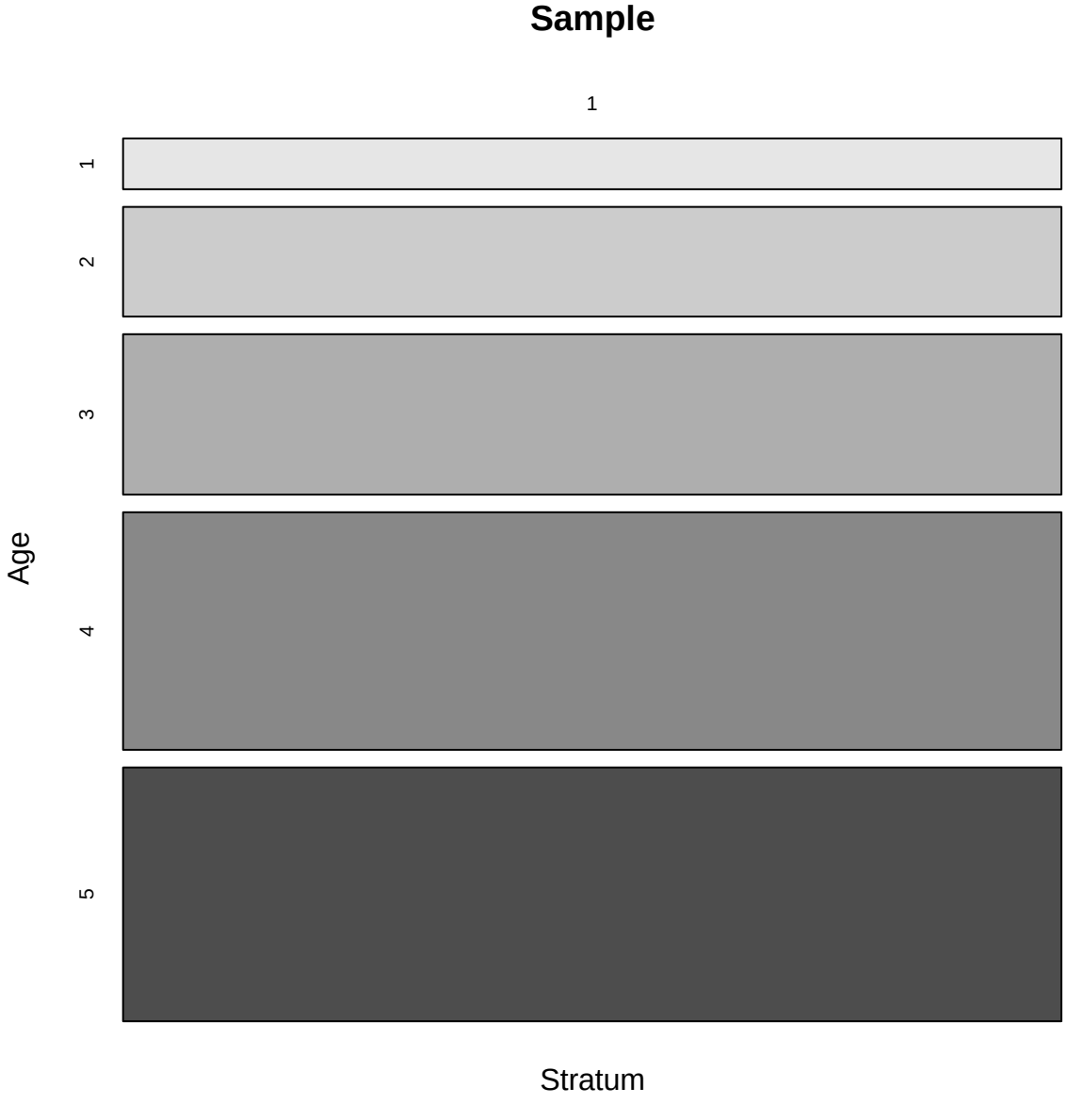
Age
Stratum


Sample
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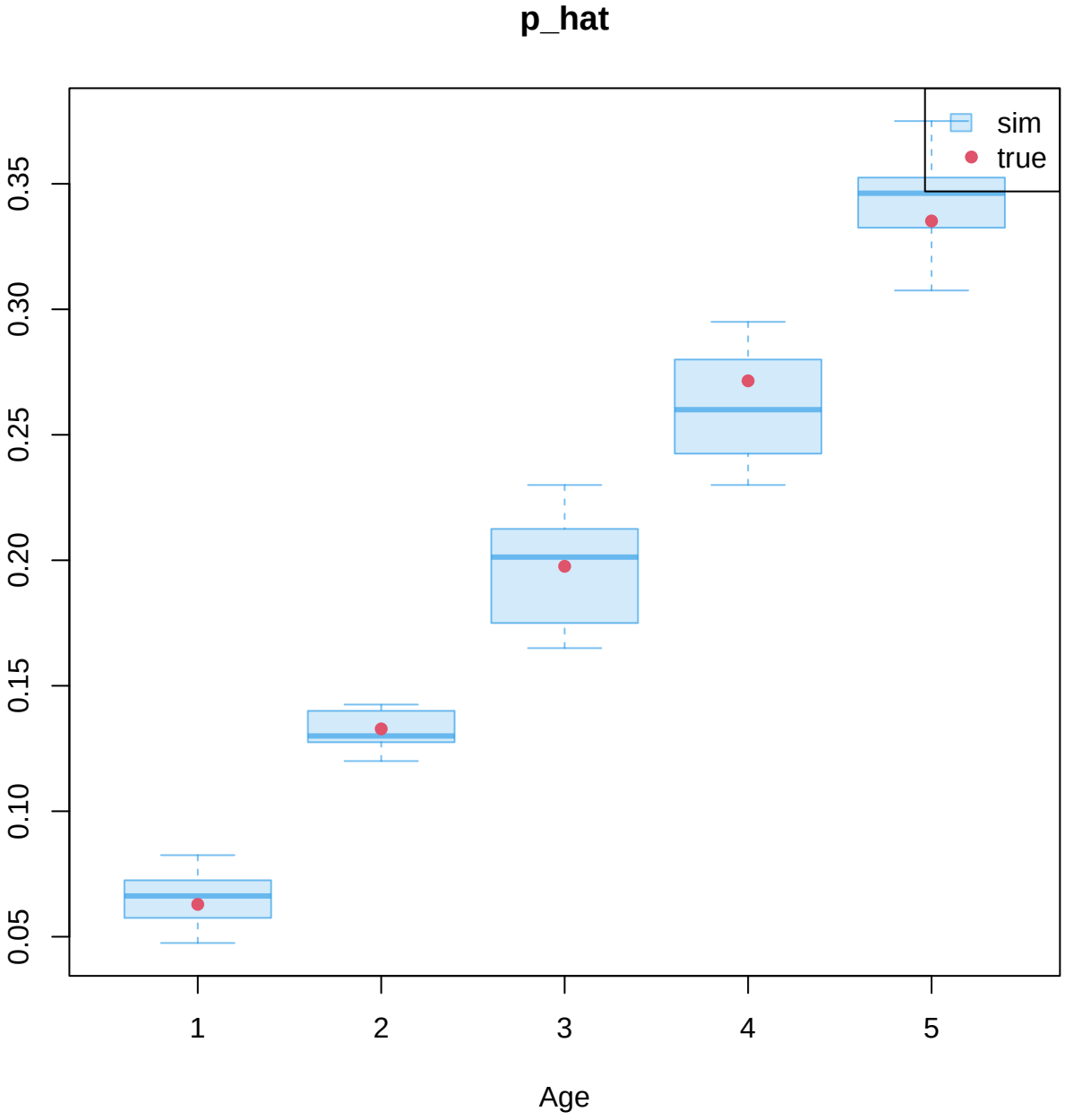
Age
Stratum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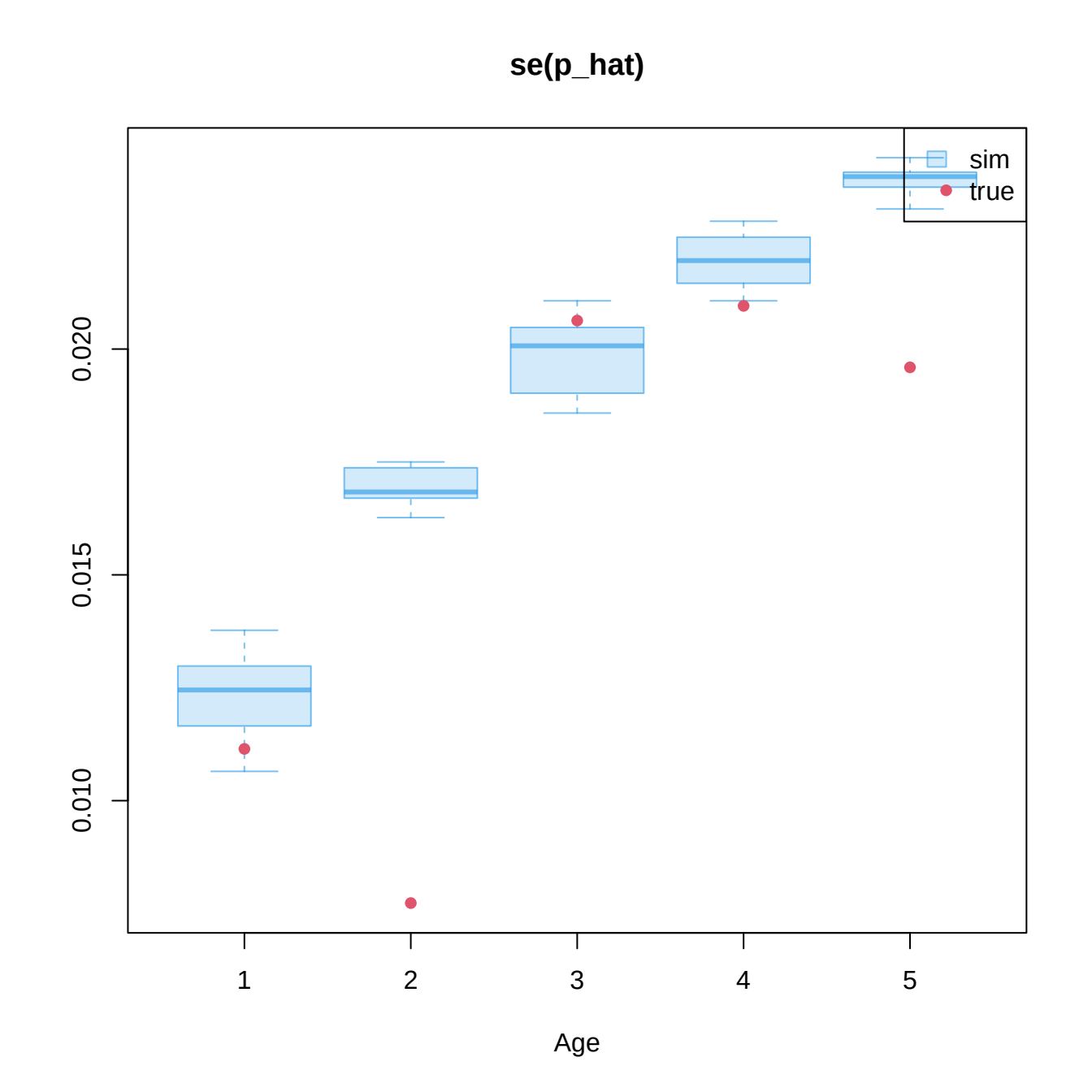
Age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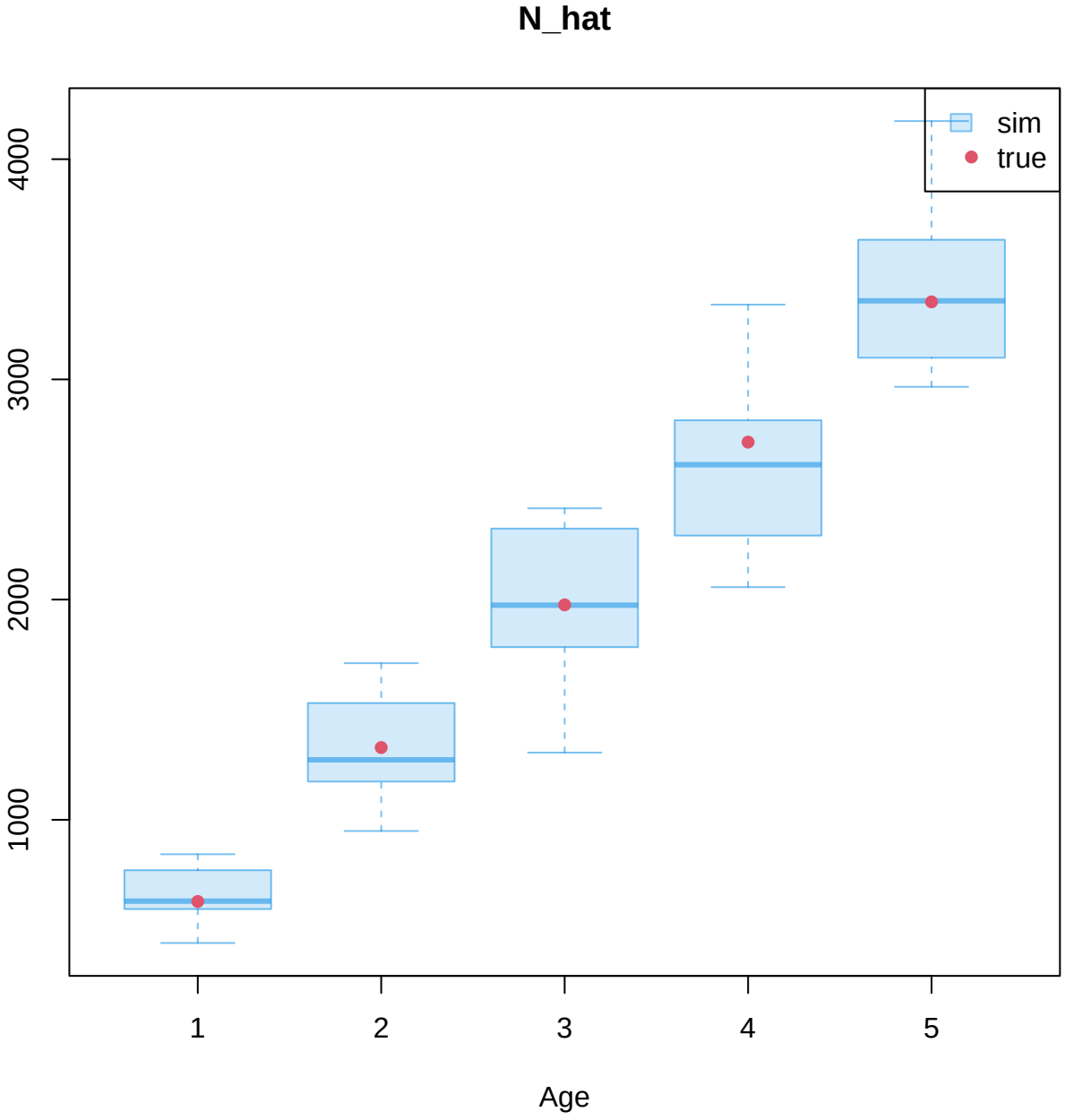
Age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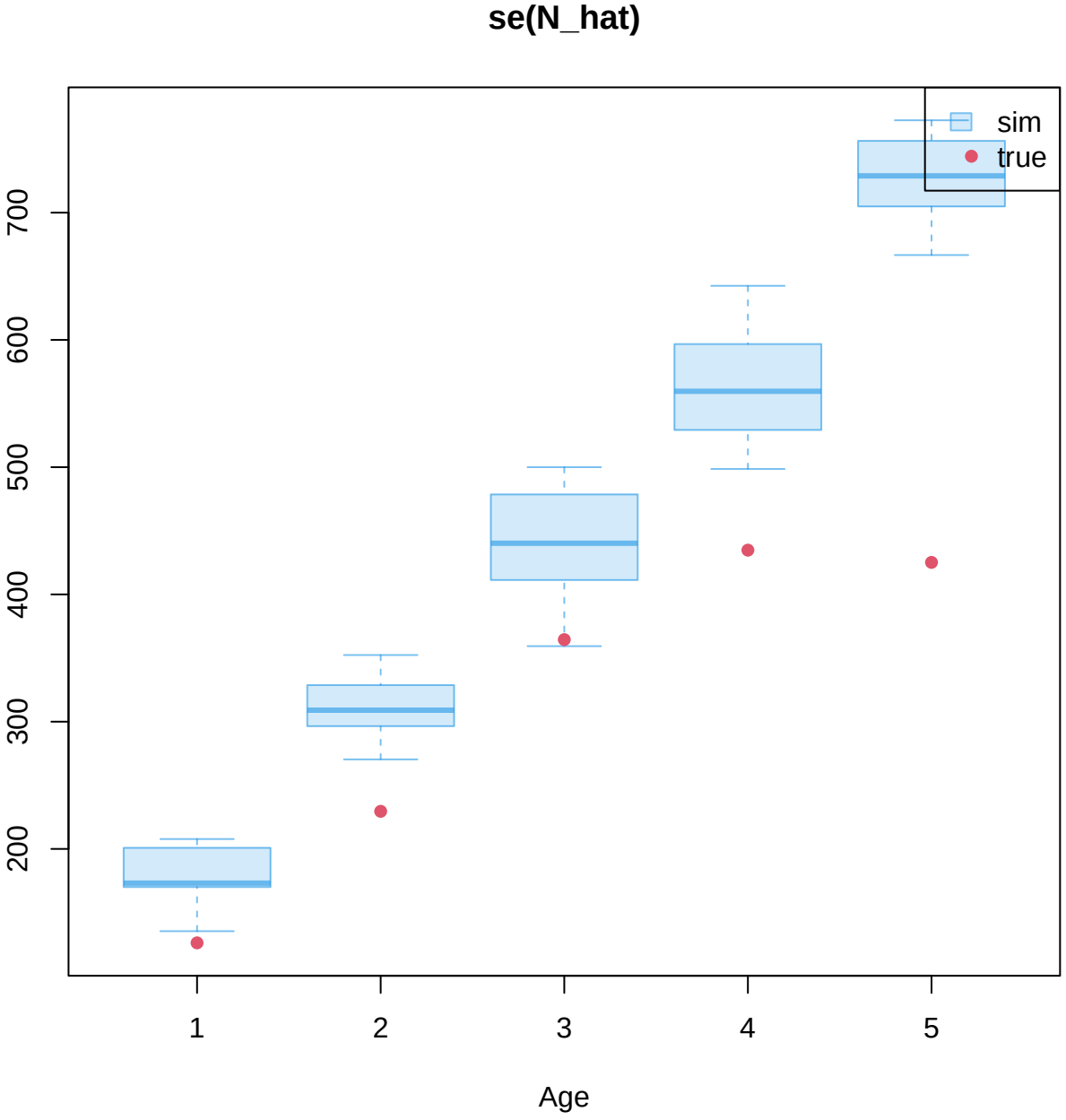
Age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200
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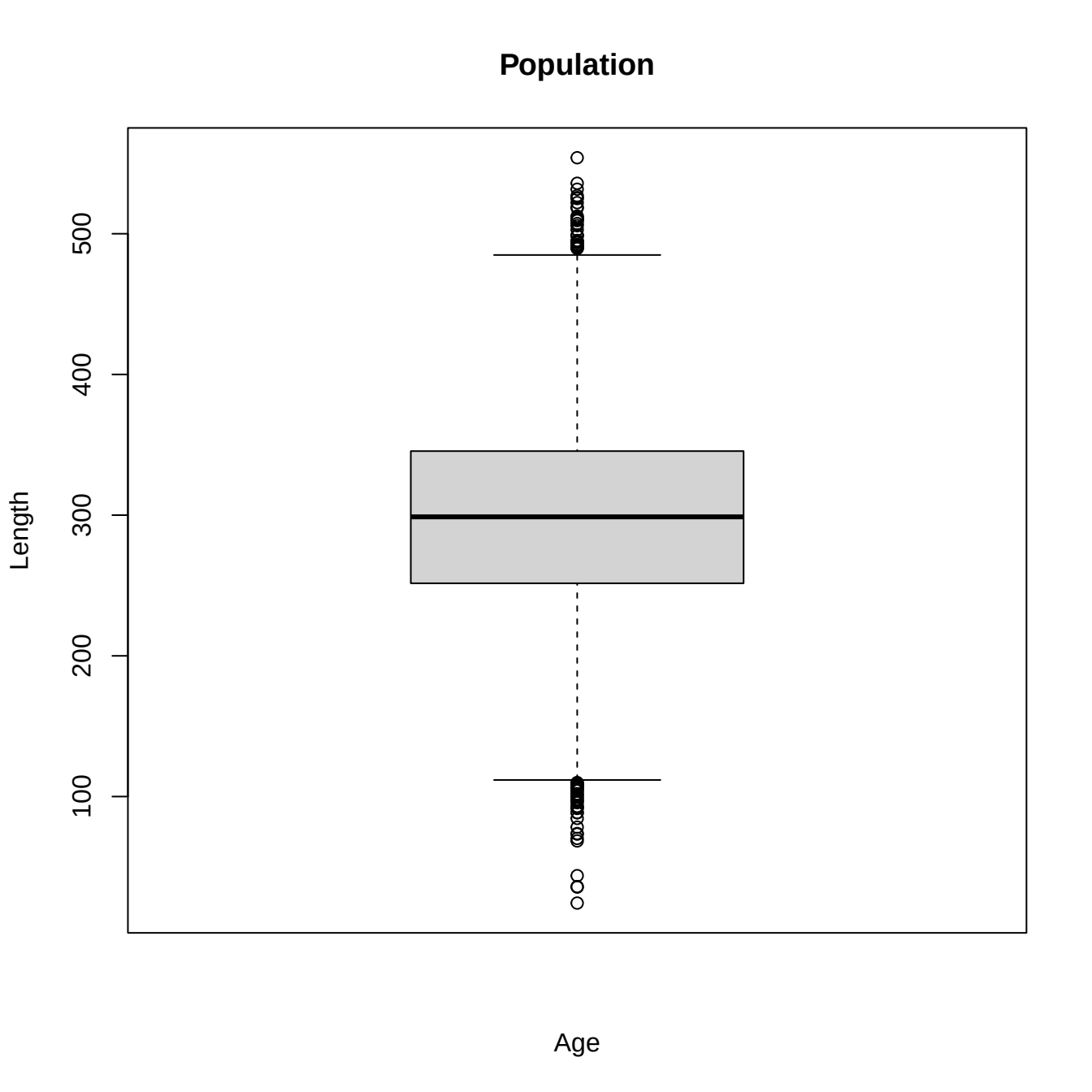
Age


Population
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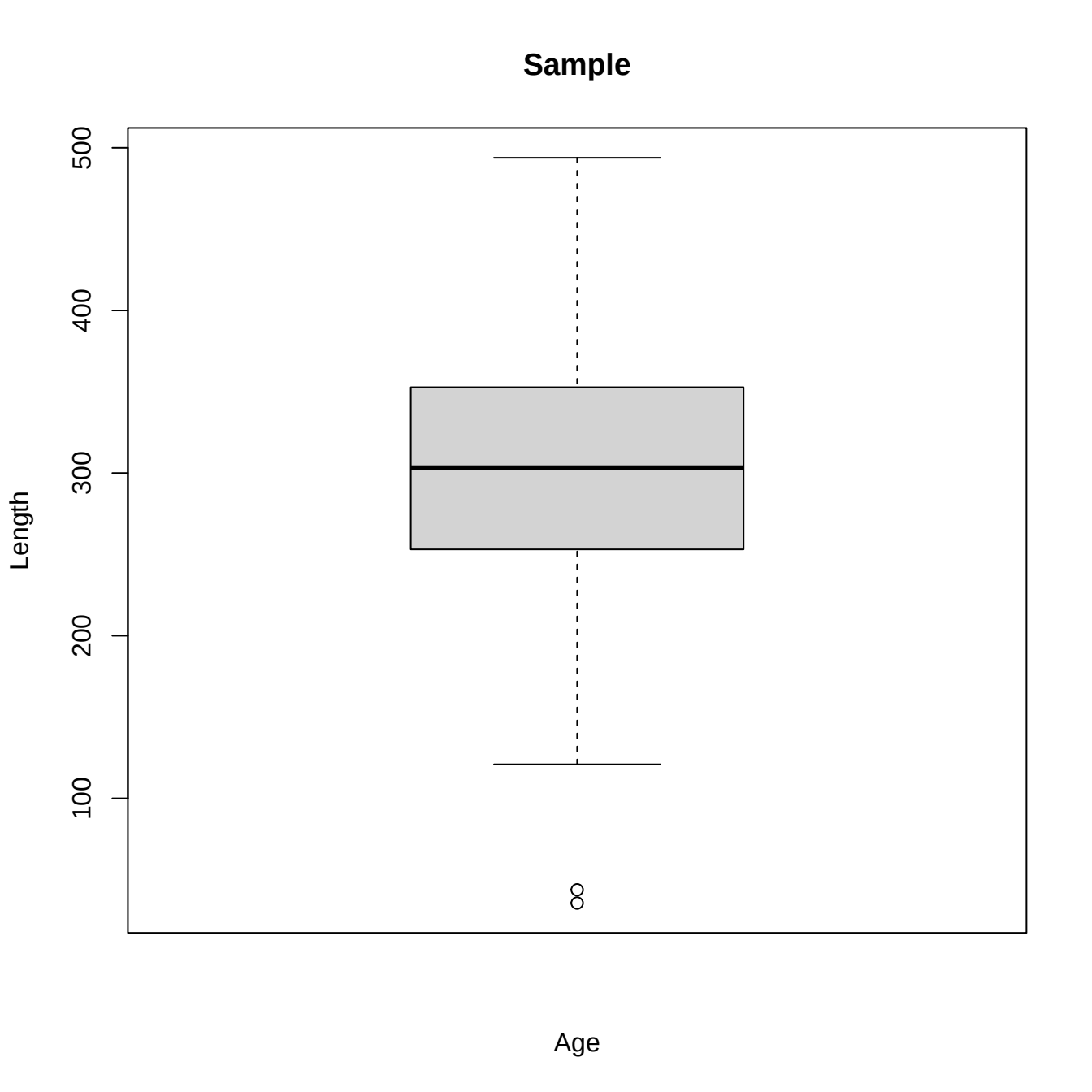
Age


Sample
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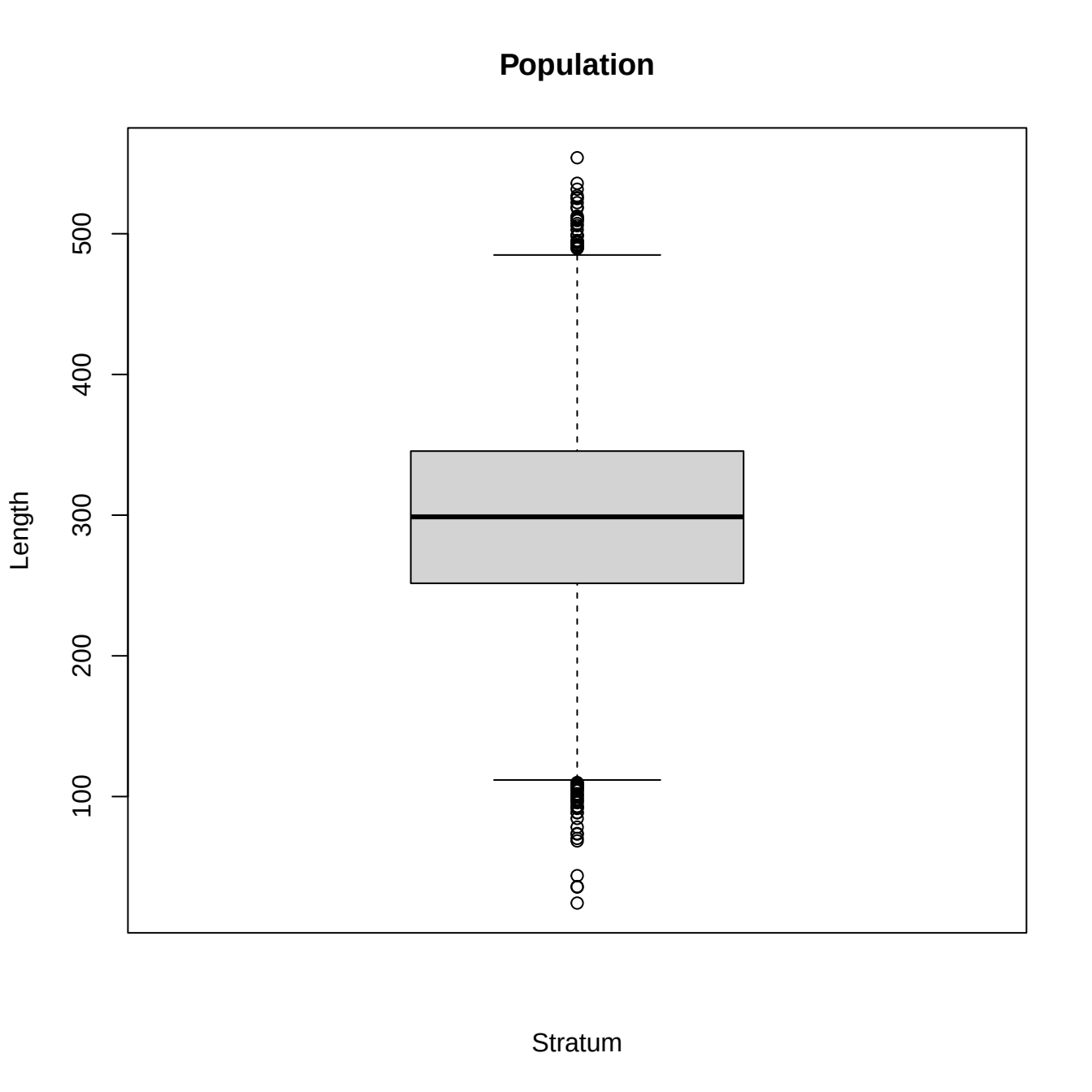
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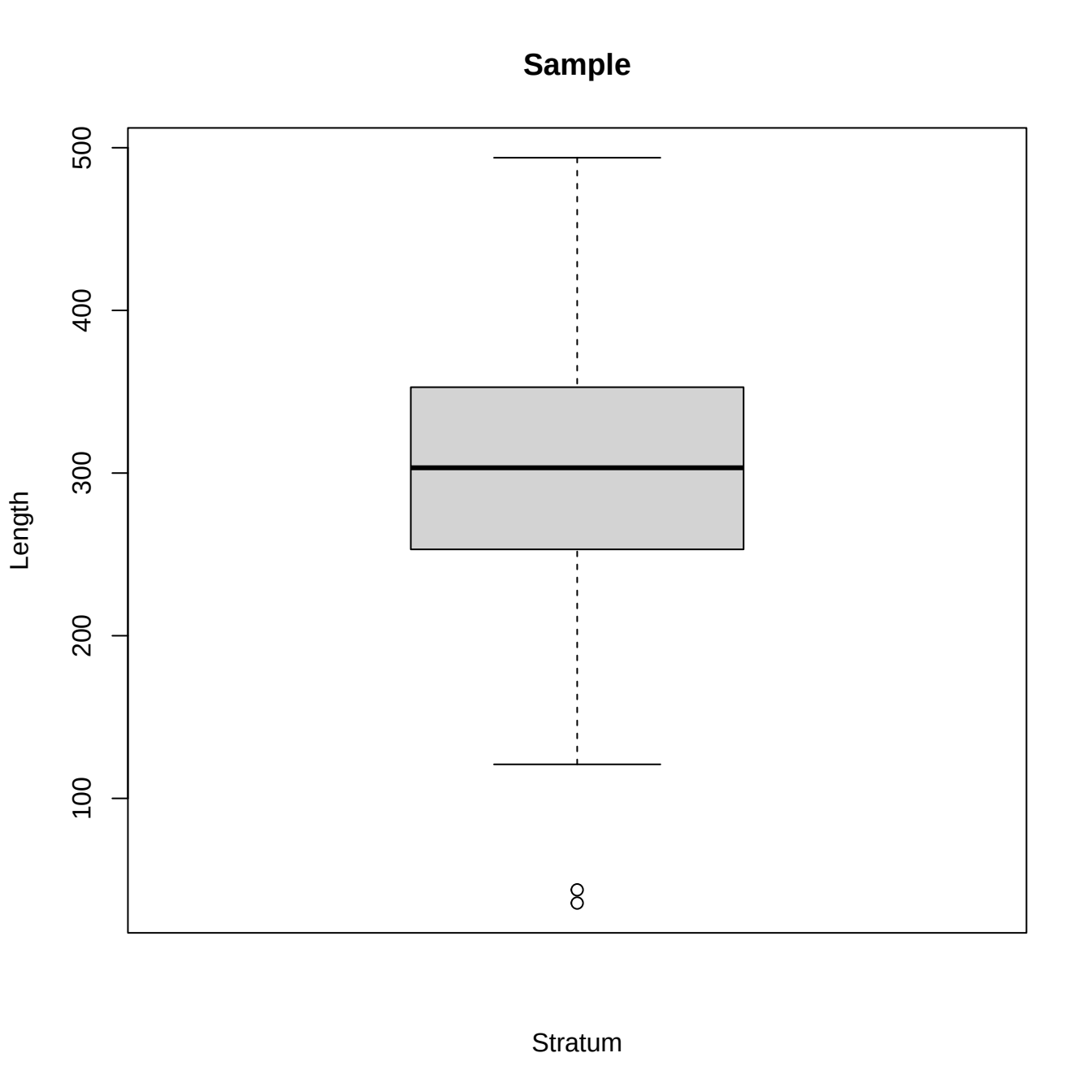
Stratum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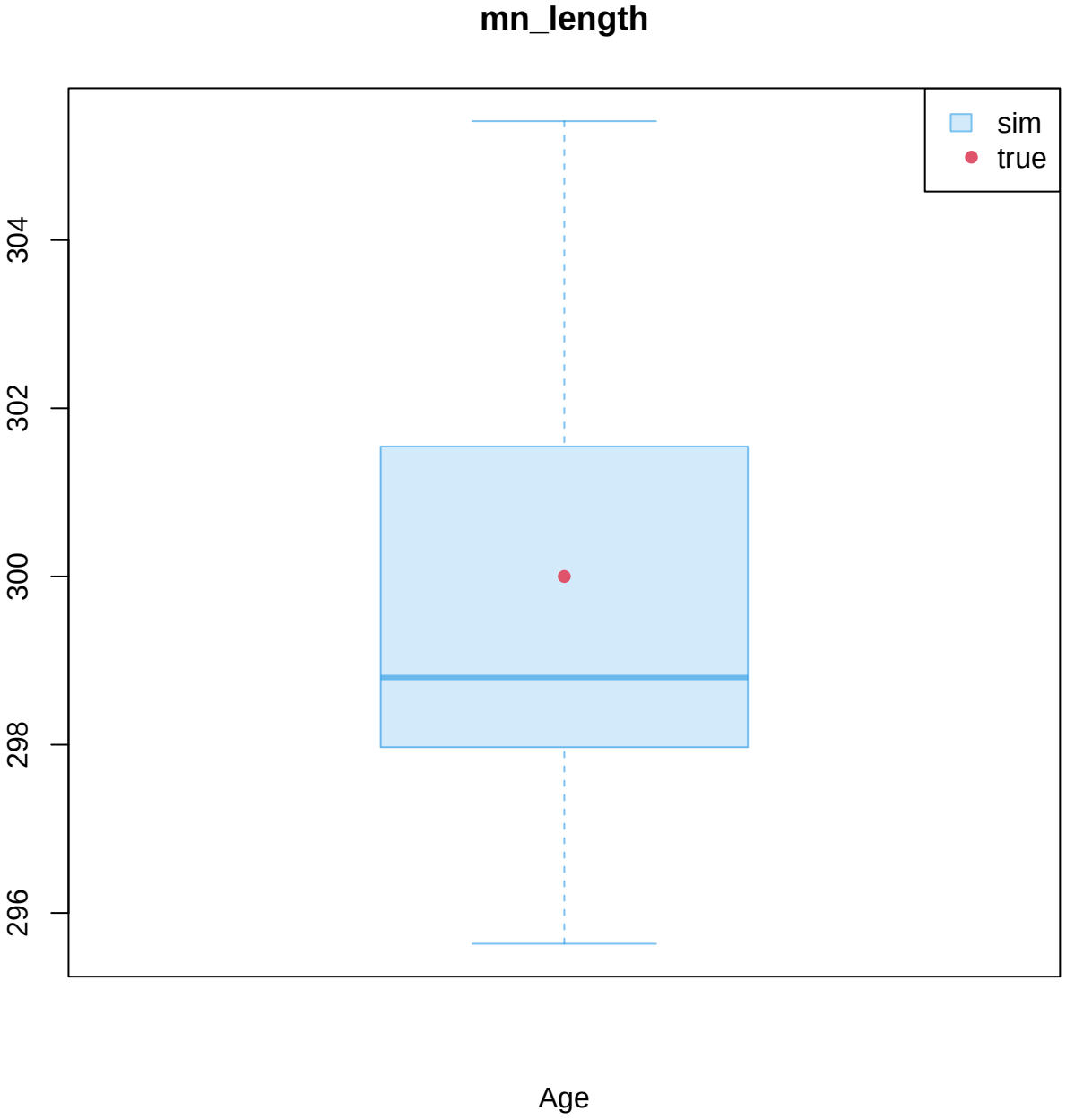
Stratum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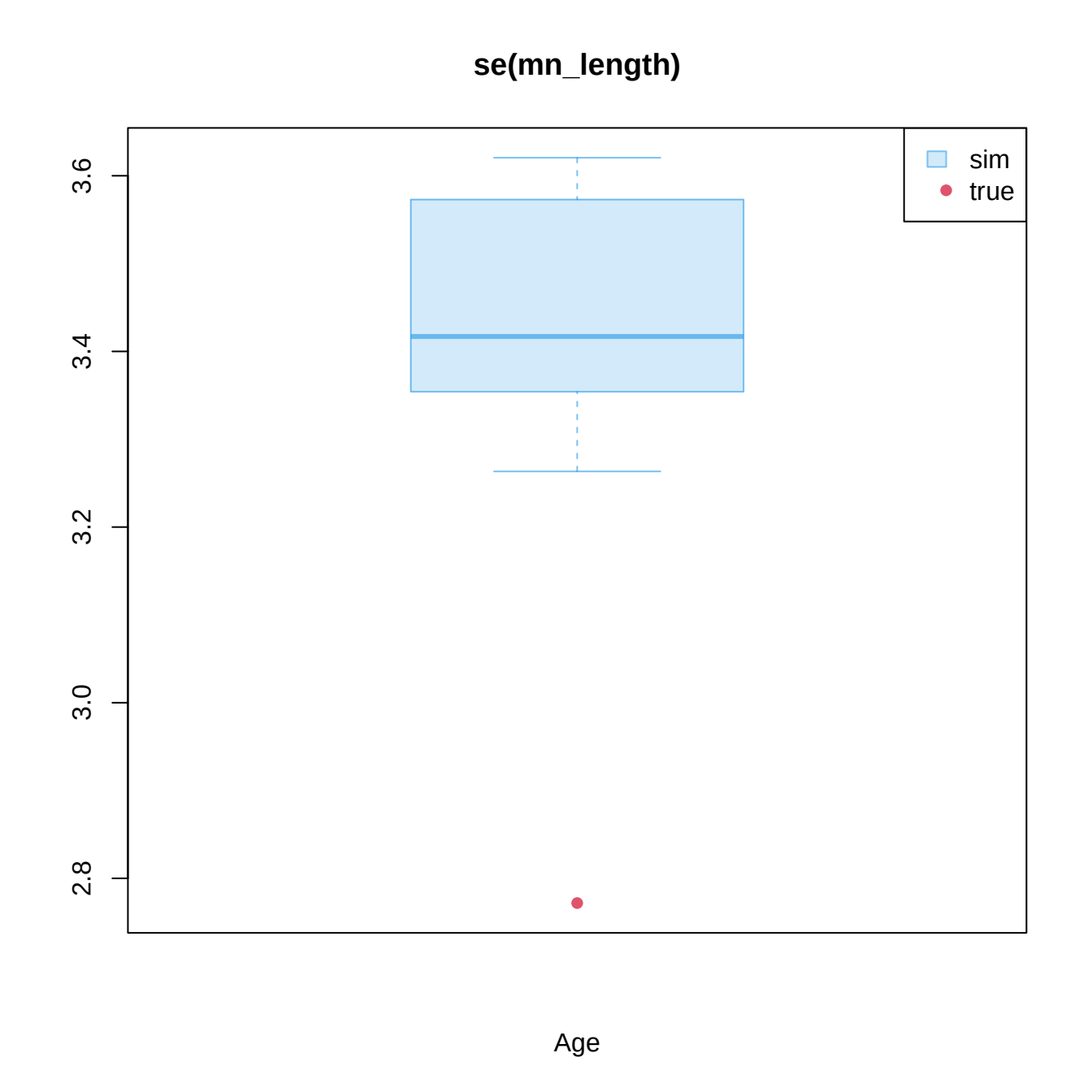
Age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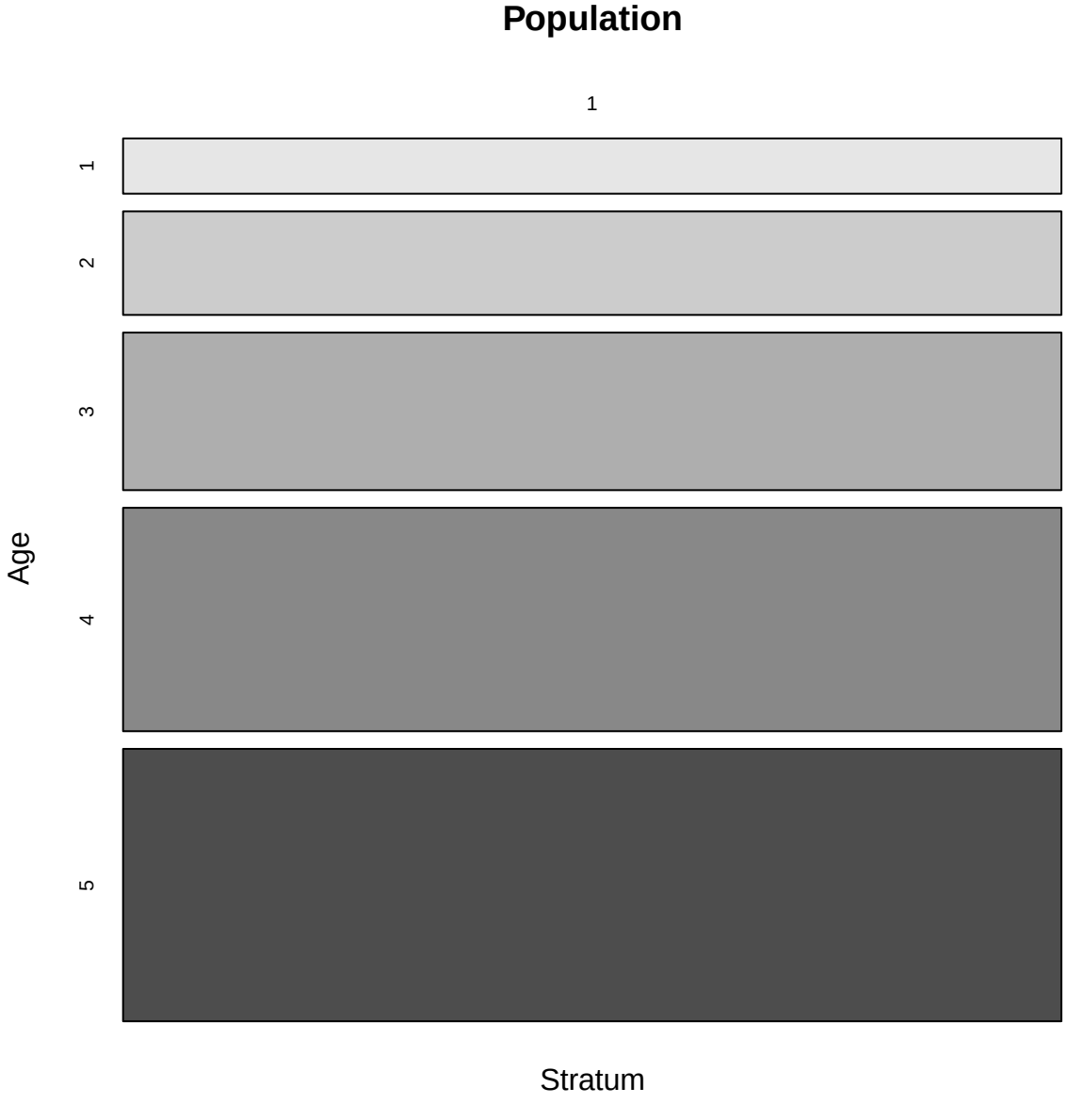
Age


Population
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3
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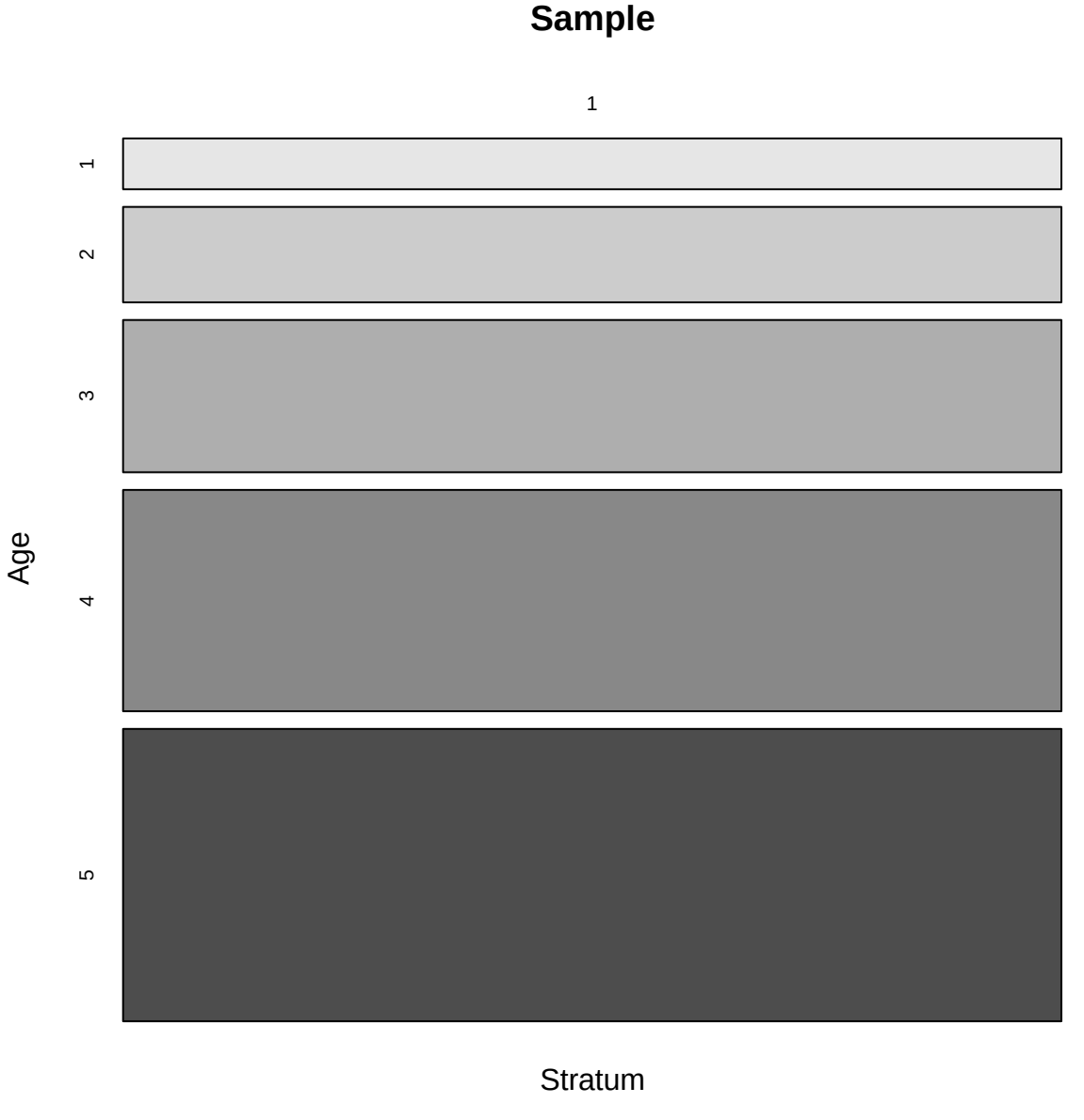
5
Age
Stratum


Sample
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1
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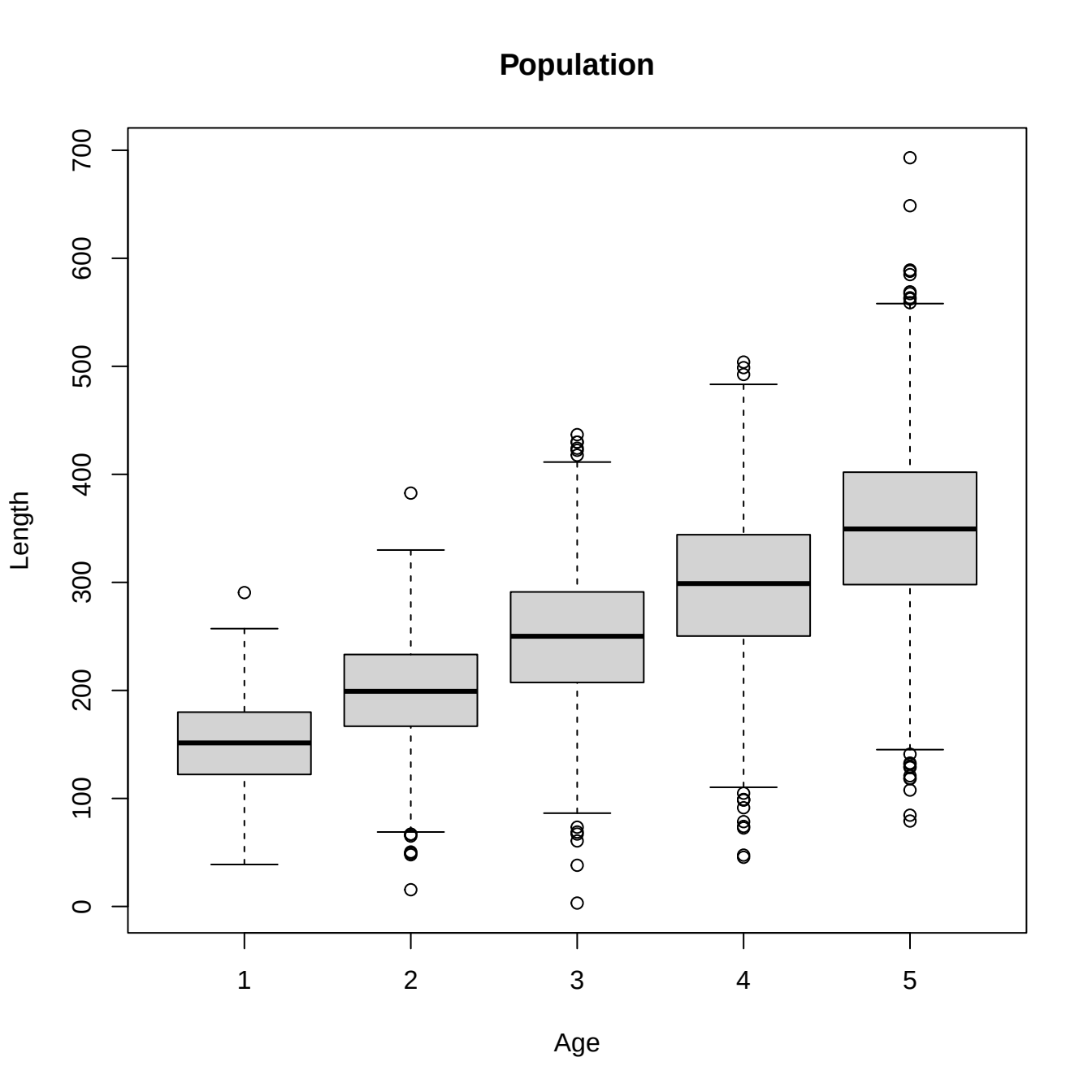
5
Age
Stratum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700
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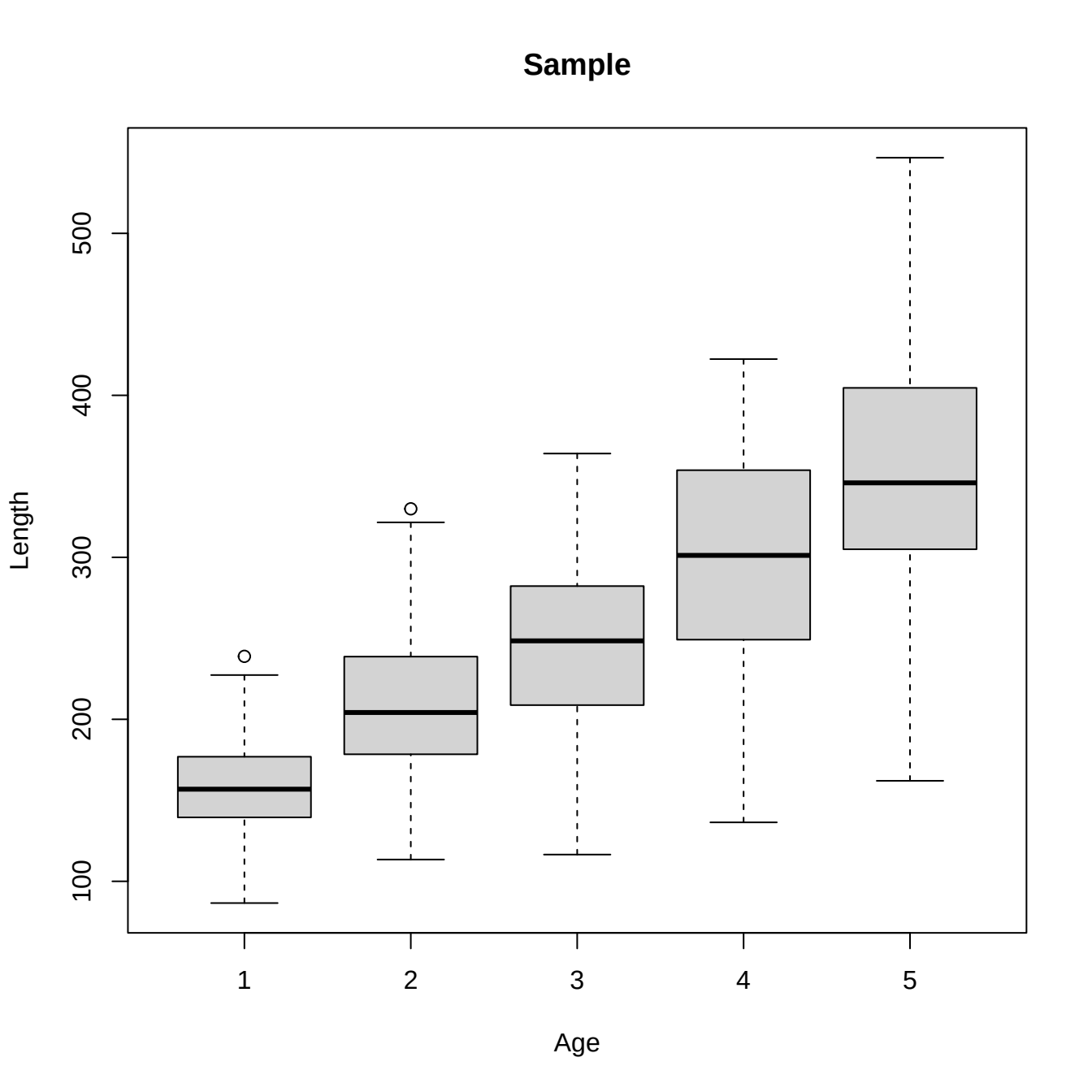
Age


Sample
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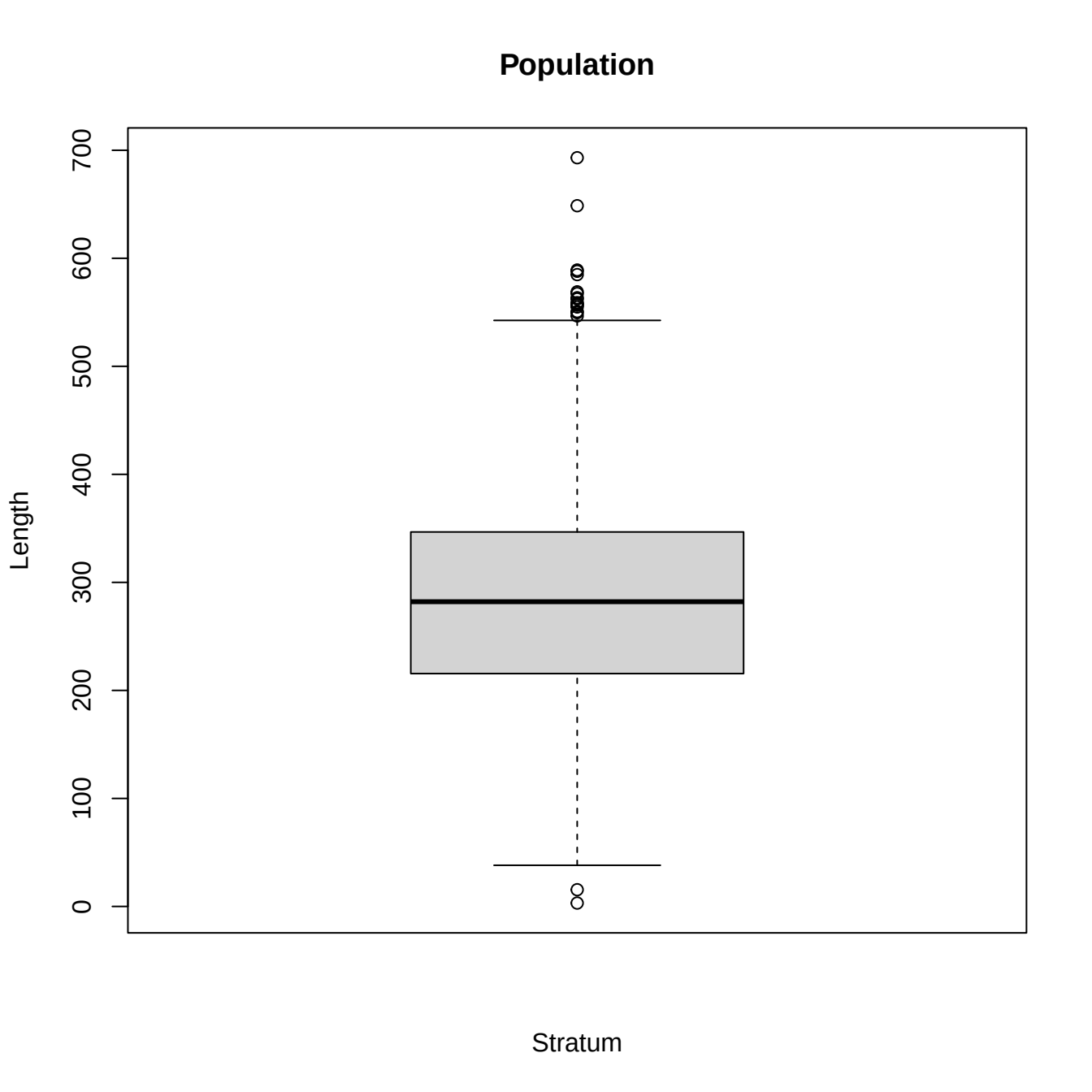
5
Age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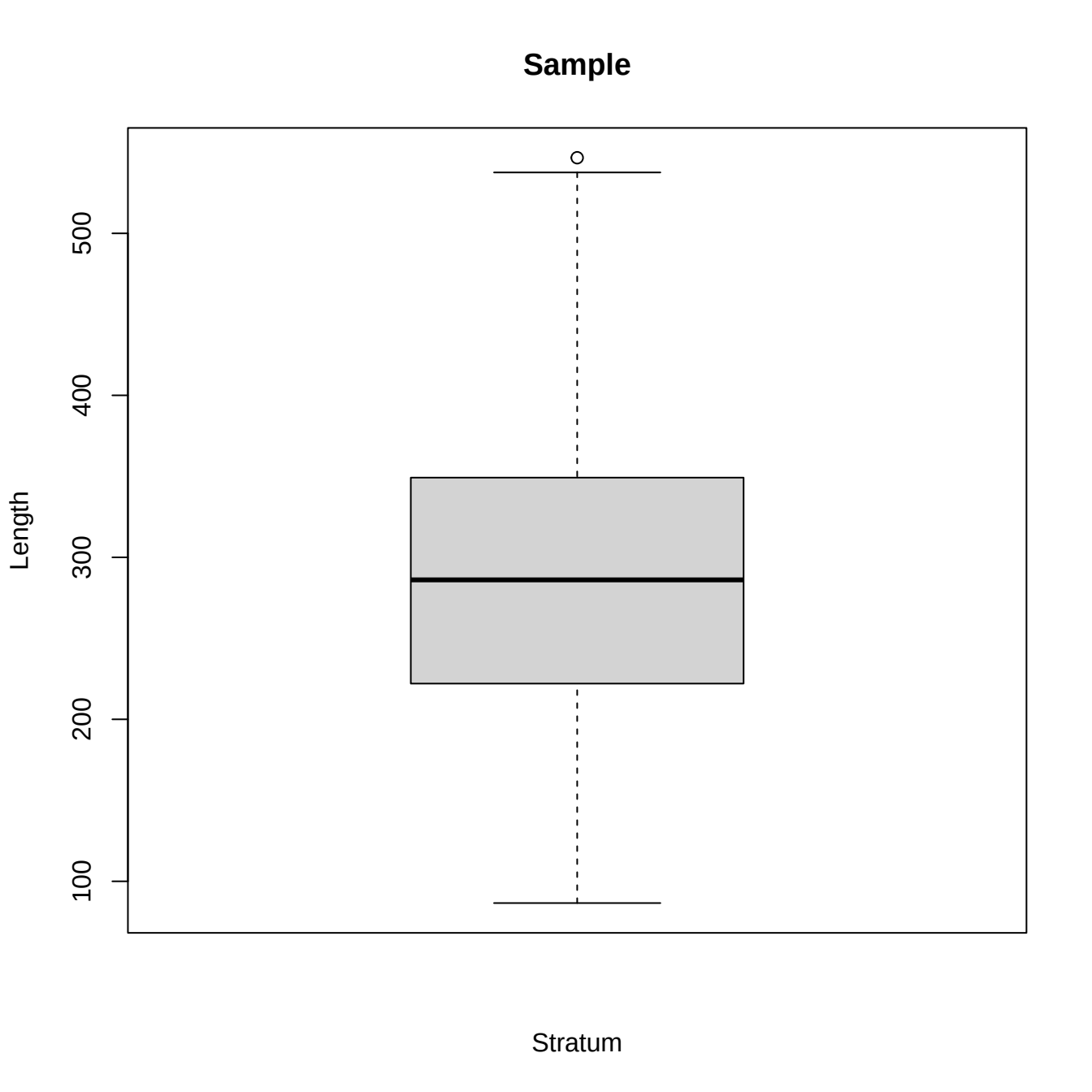
Stratum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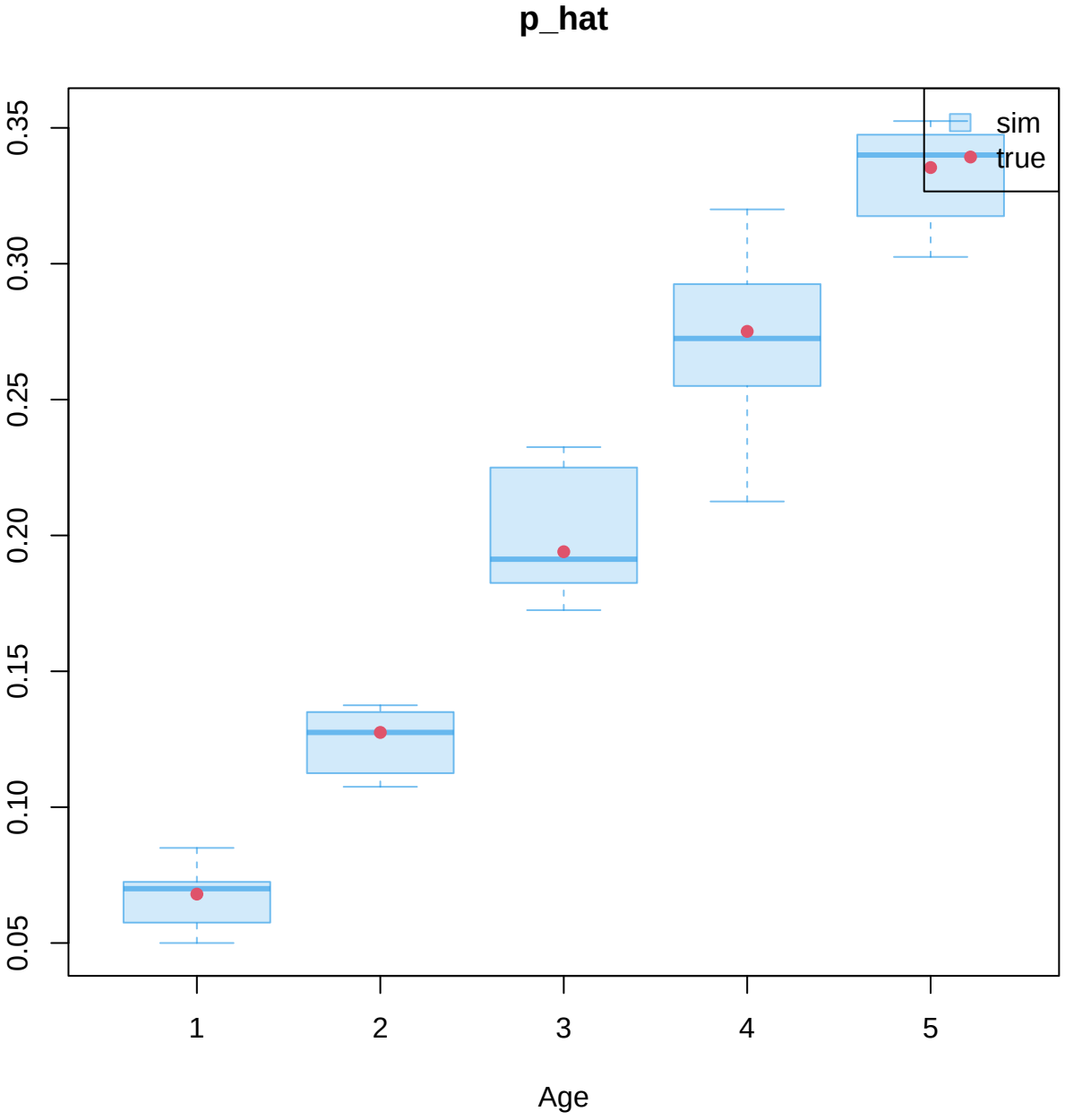
Stratum


p_hat
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0.35
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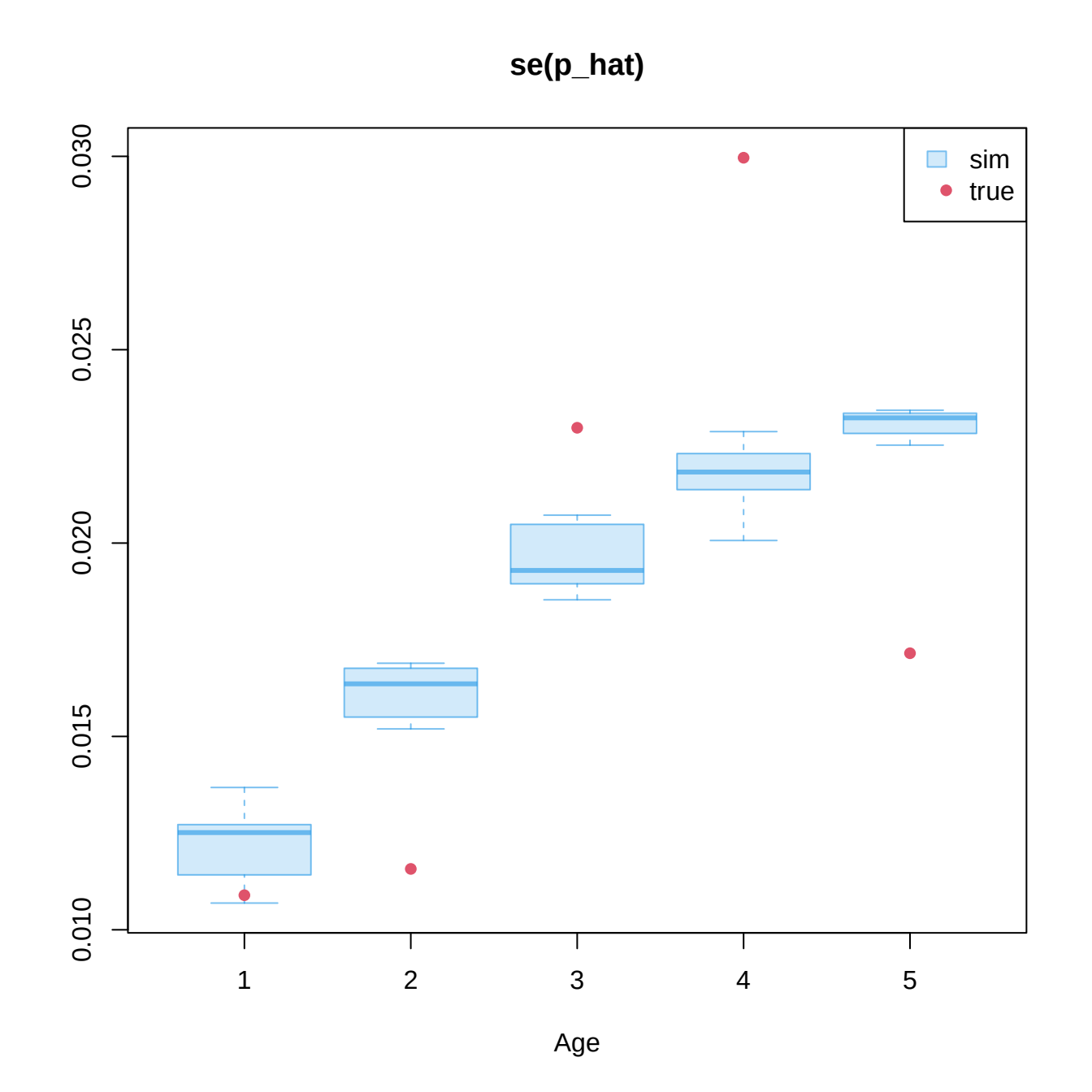
Age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0.010
sim
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3
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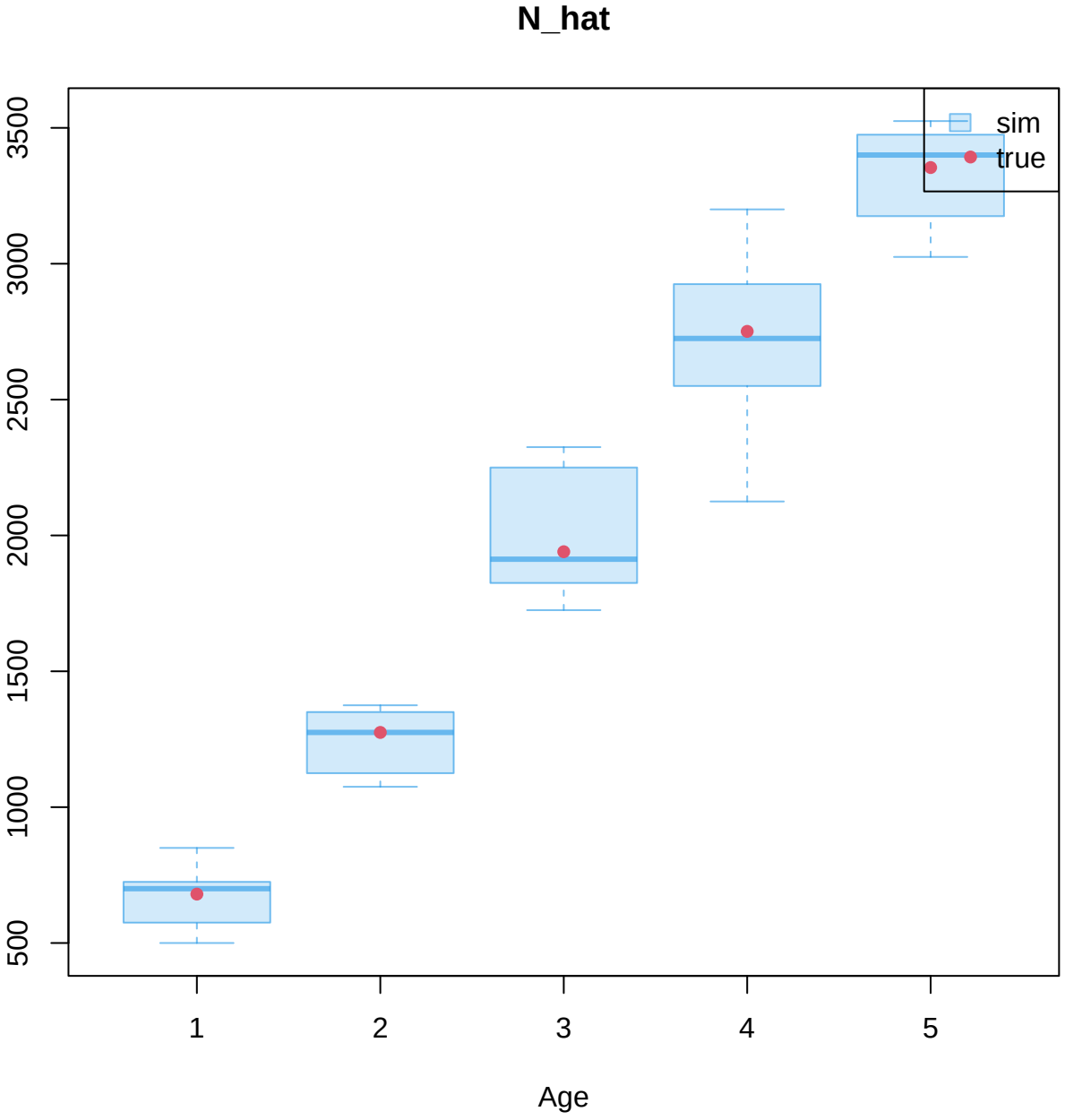
5
Age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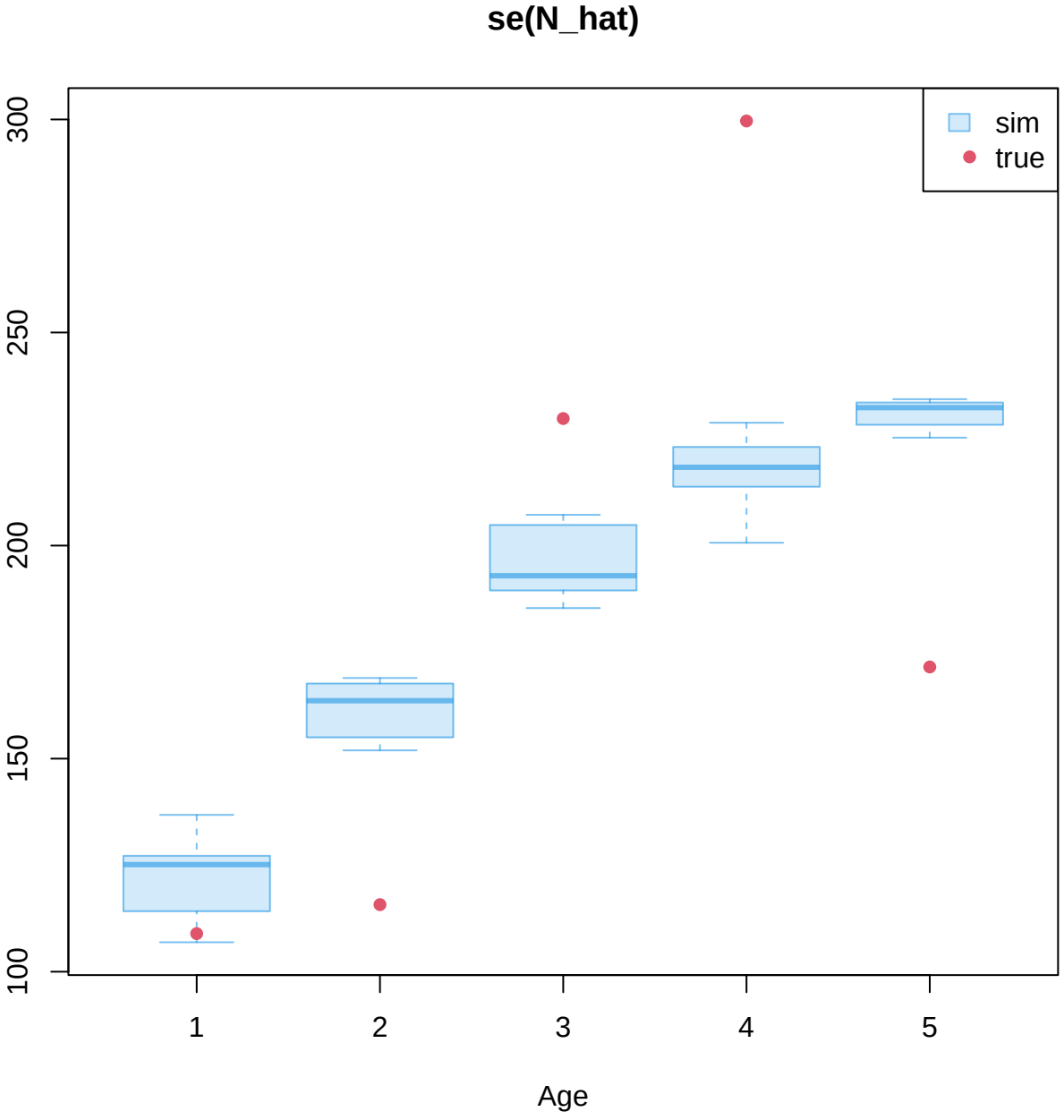
Age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3
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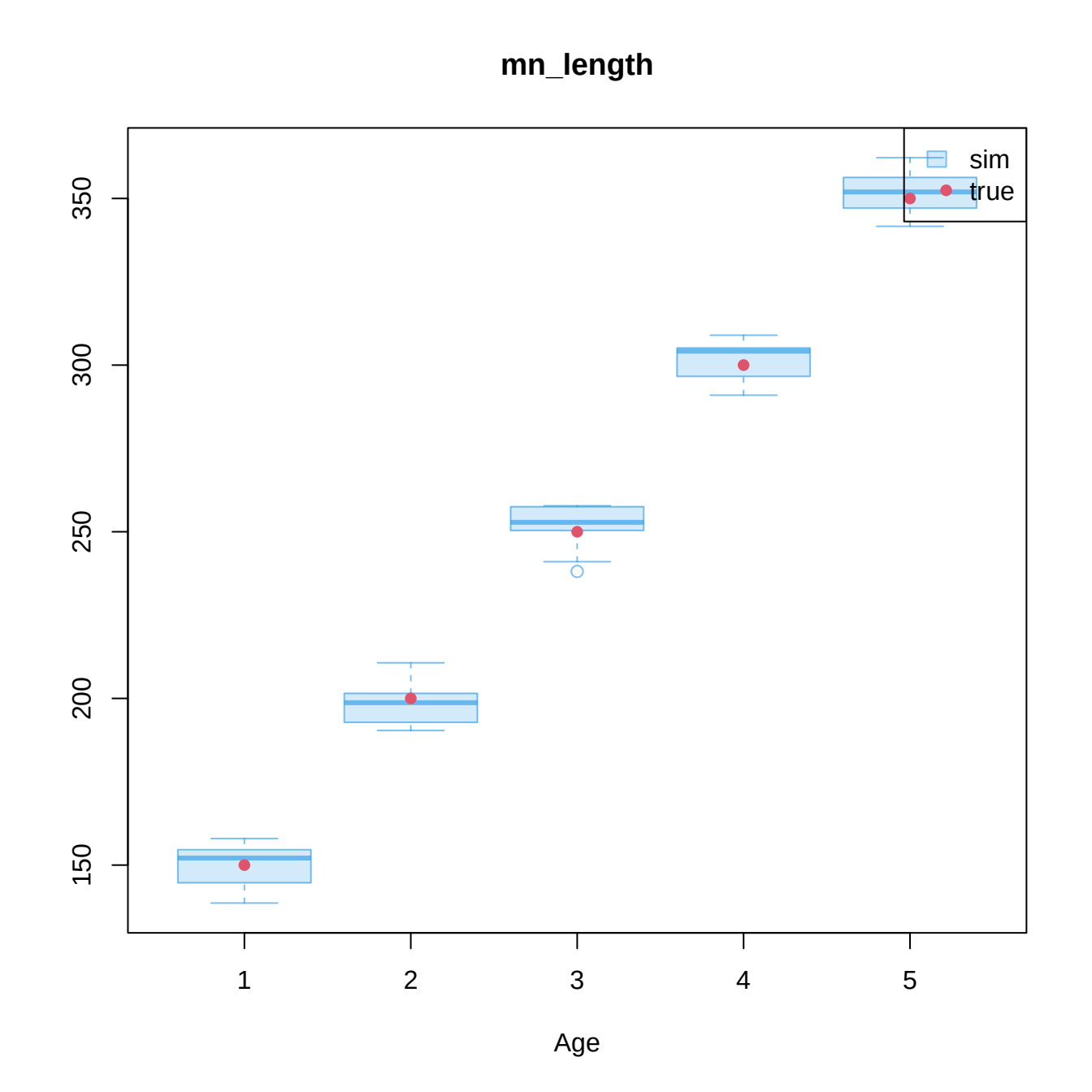
Age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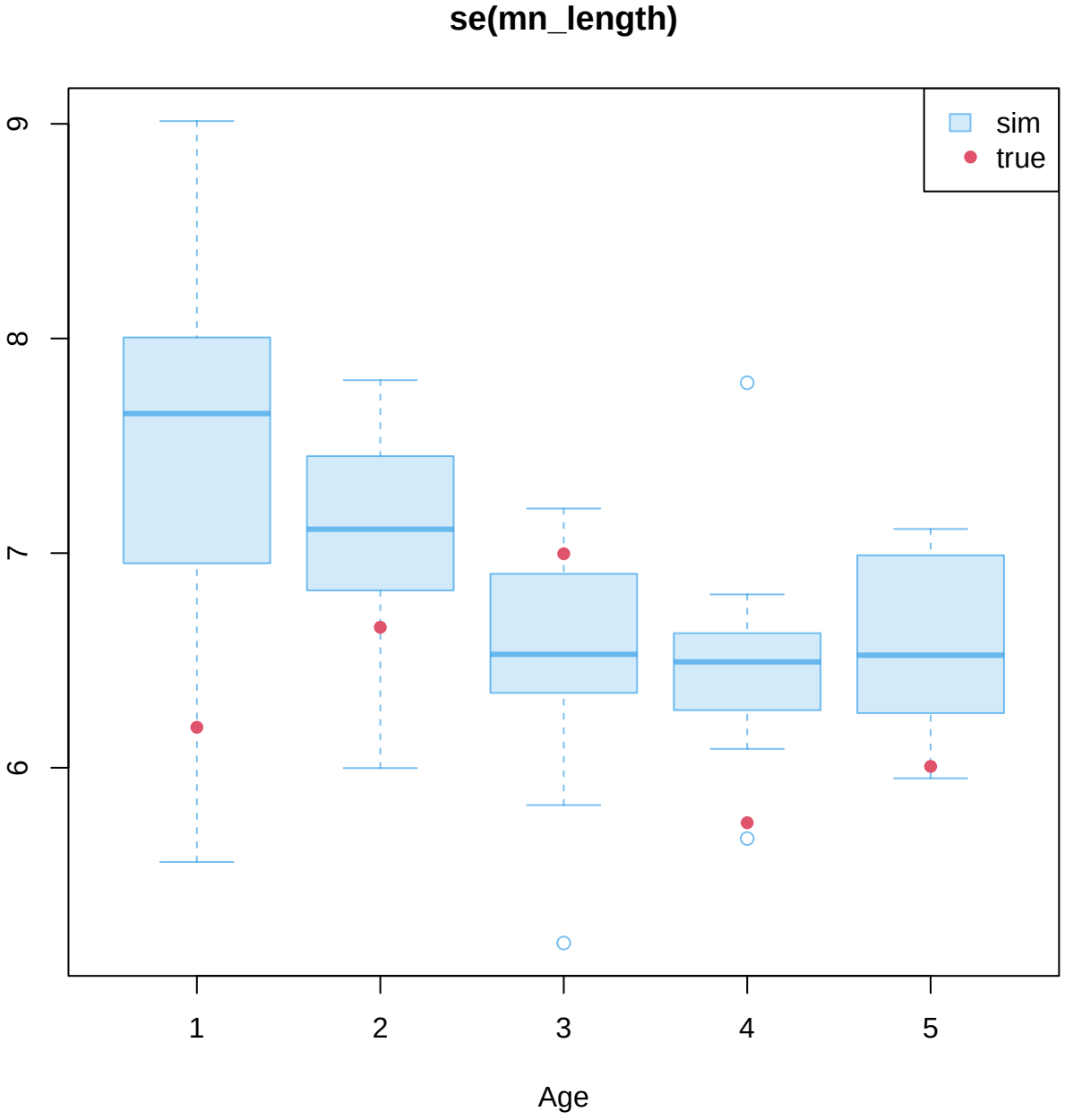
Age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3
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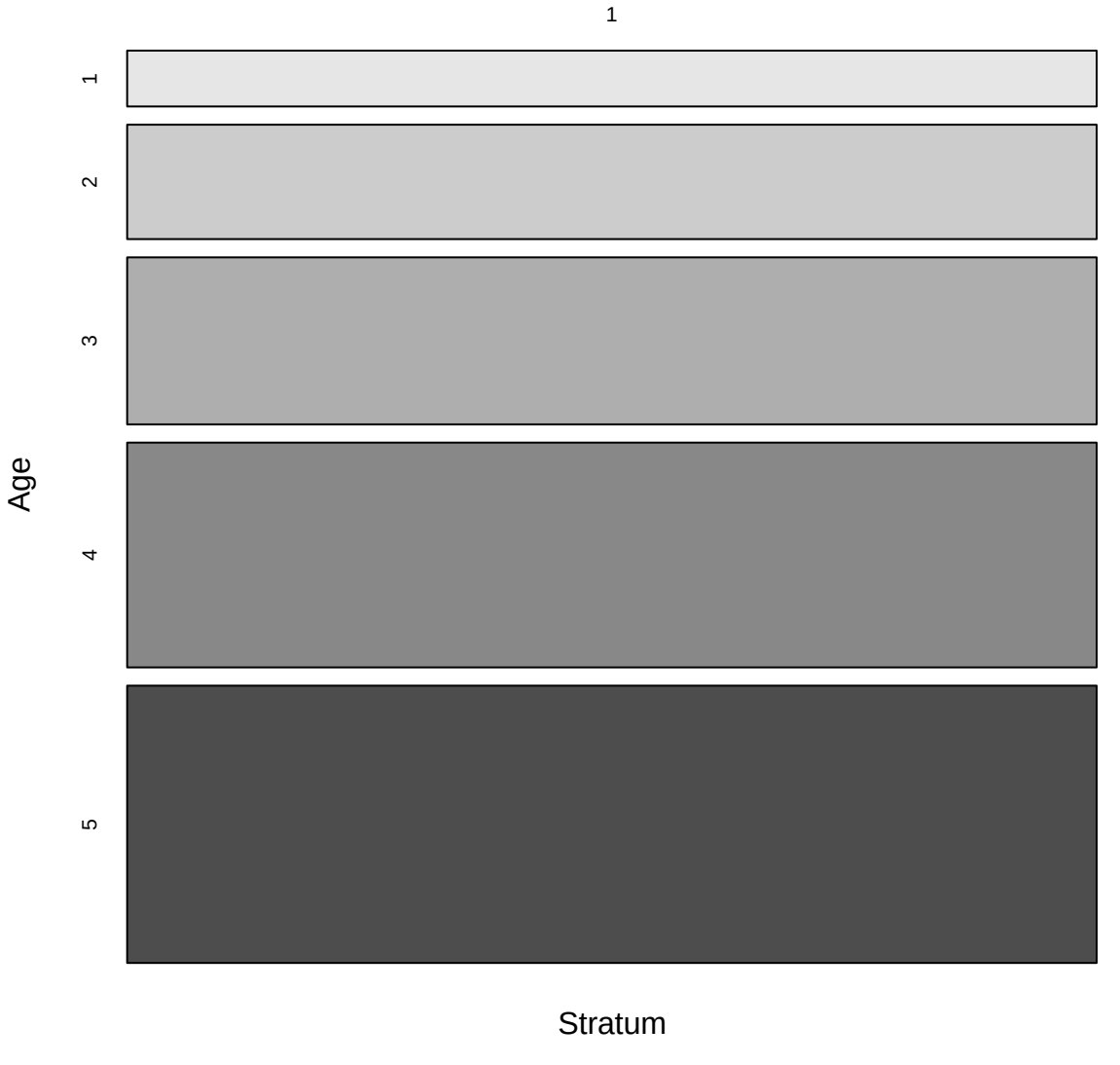
Age


Population
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3
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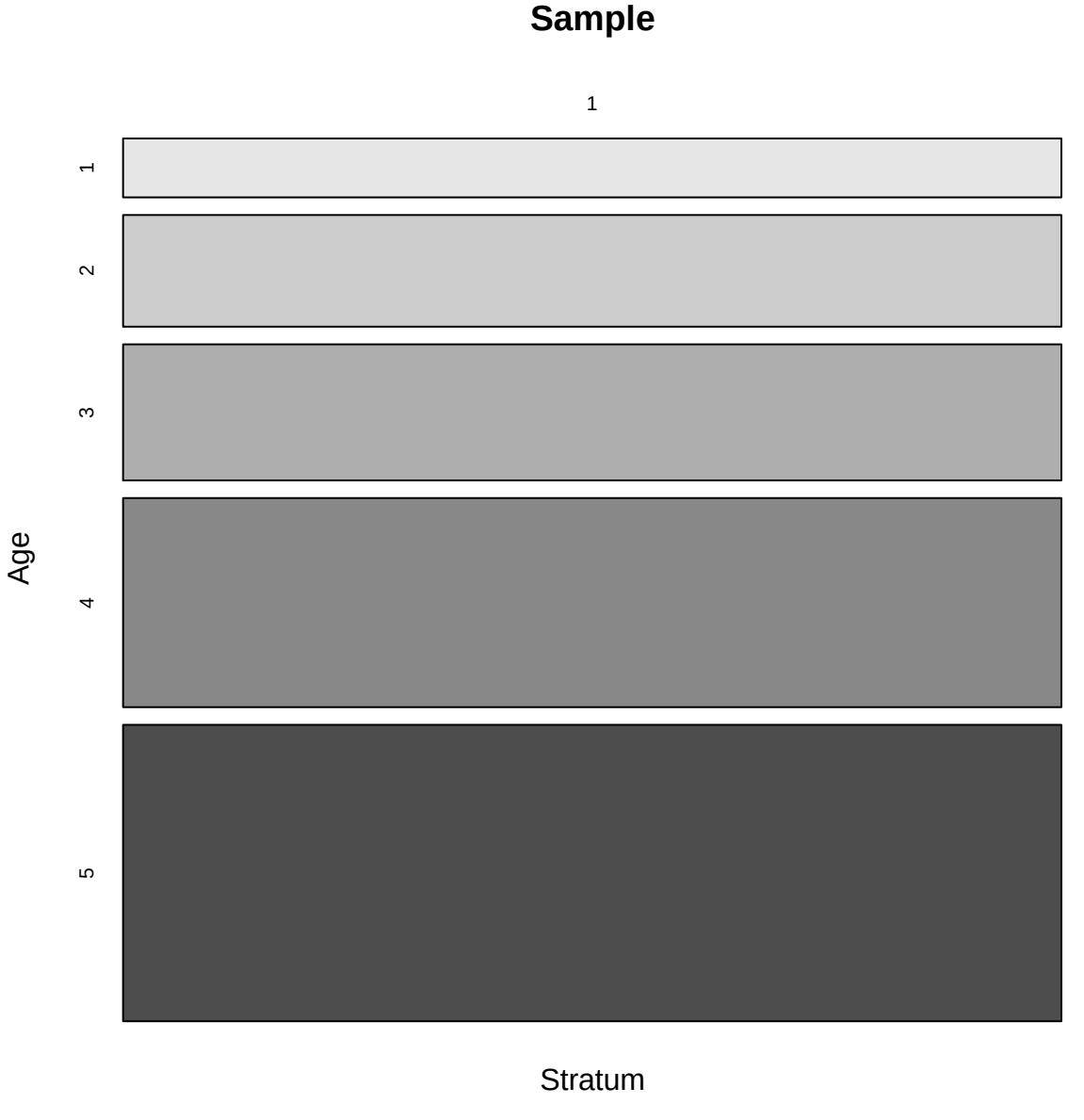
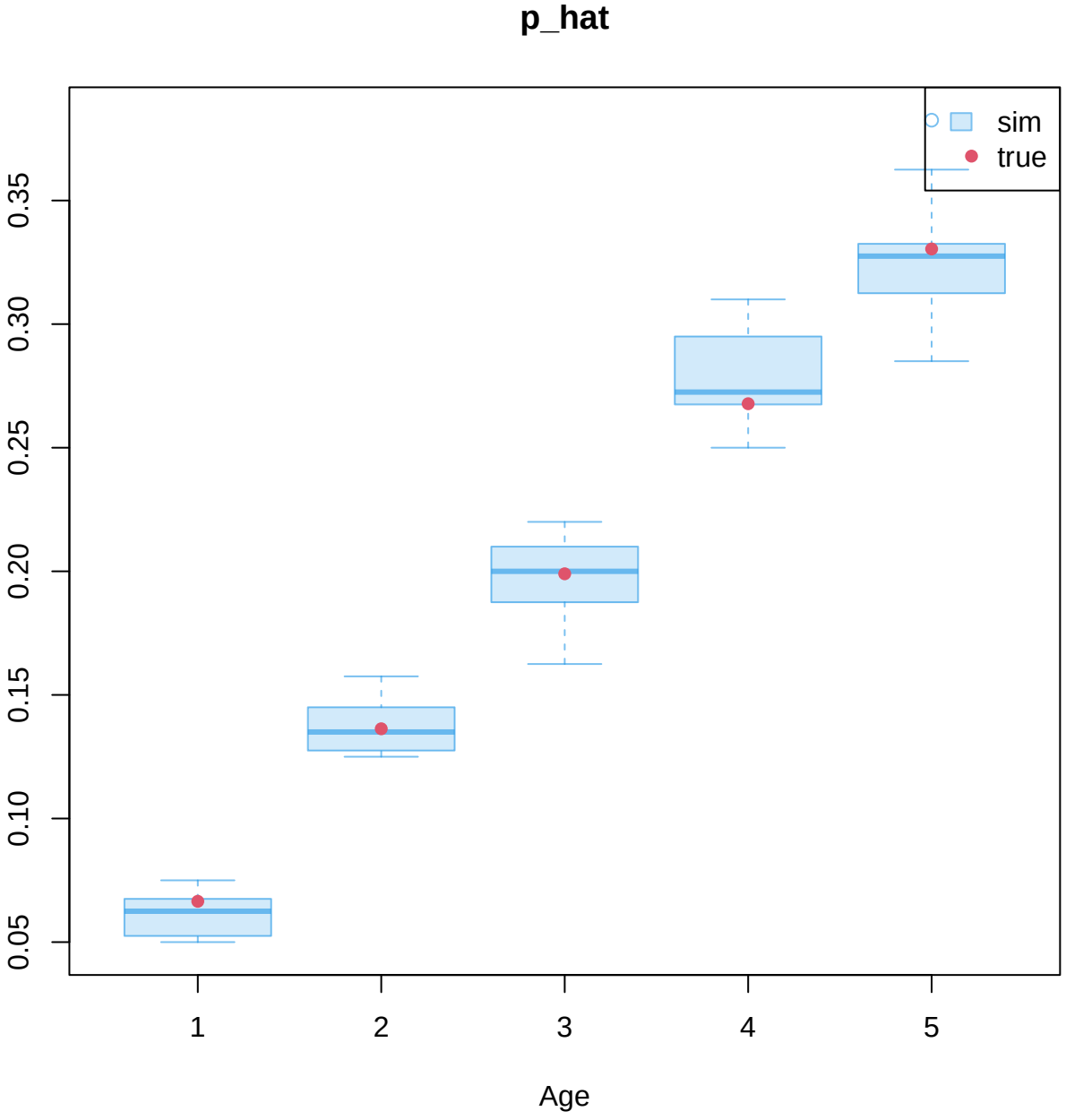
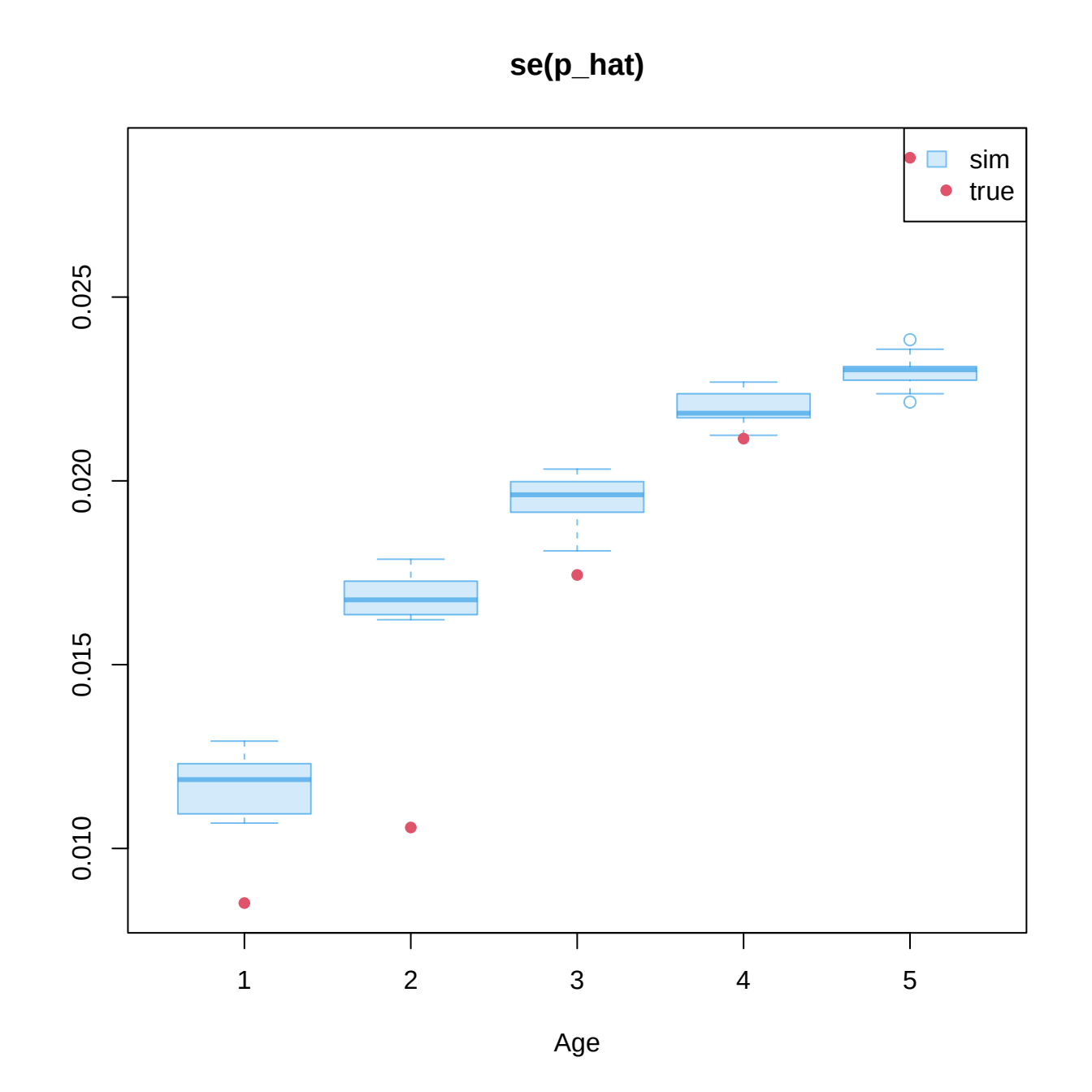
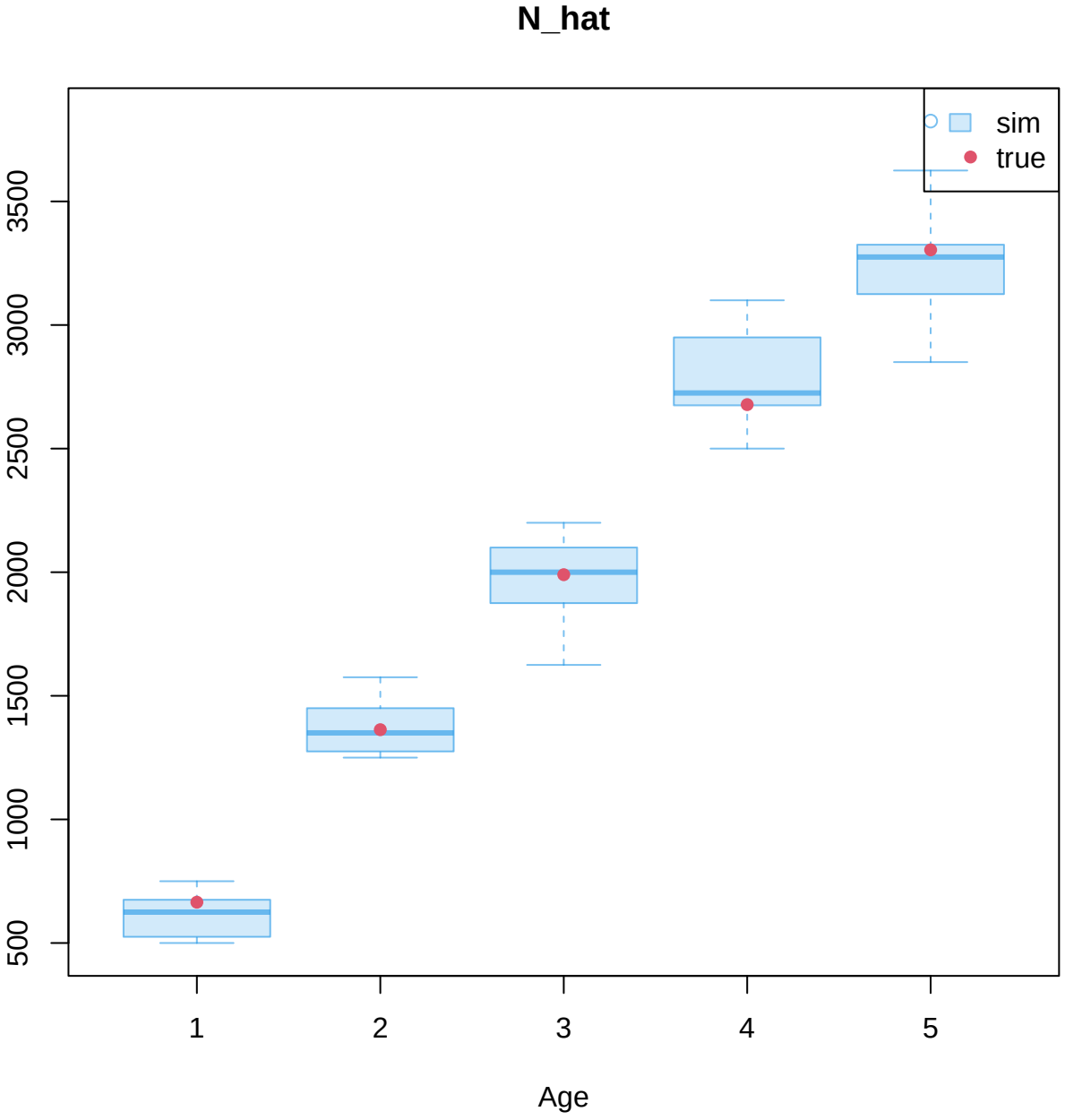
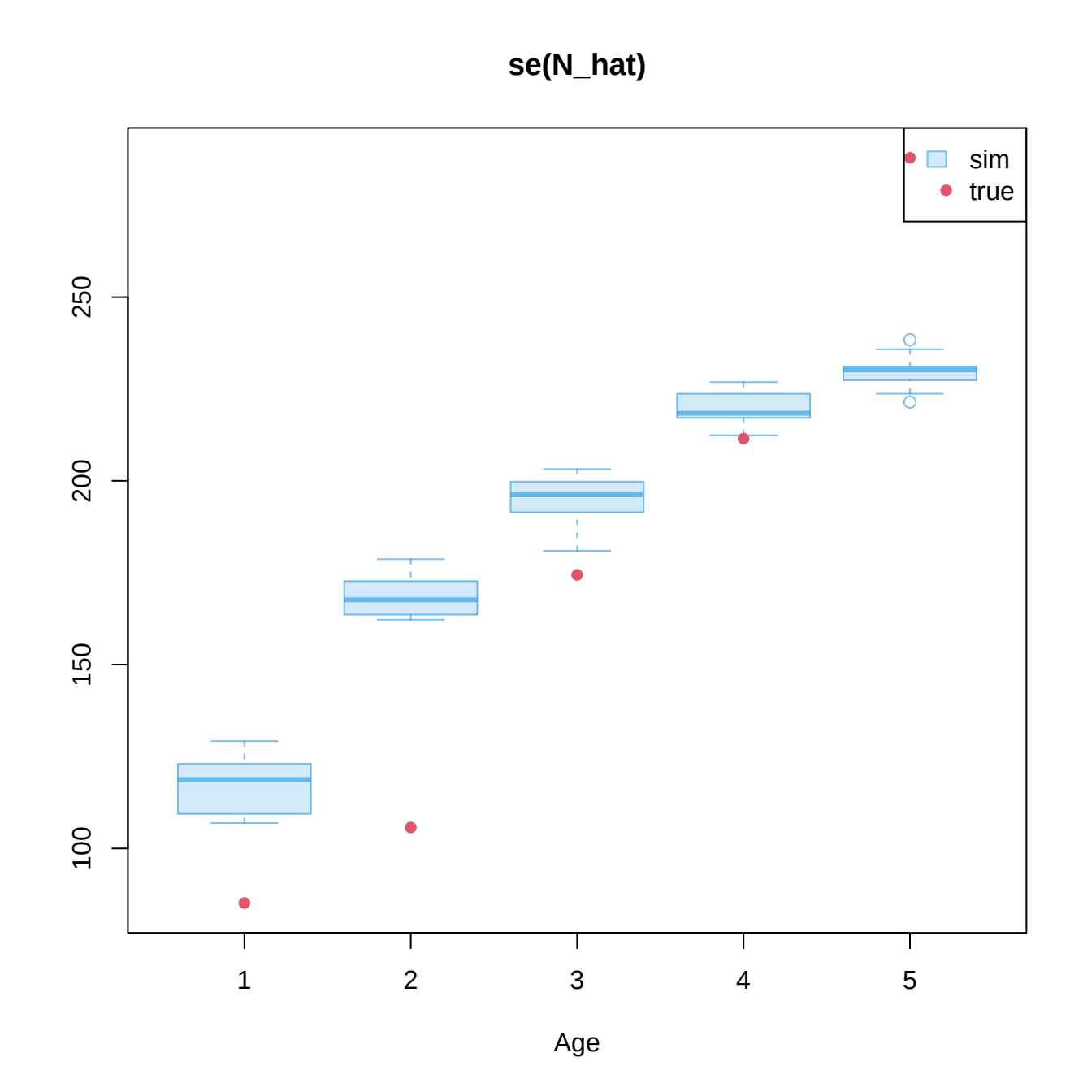
Age
Stratum

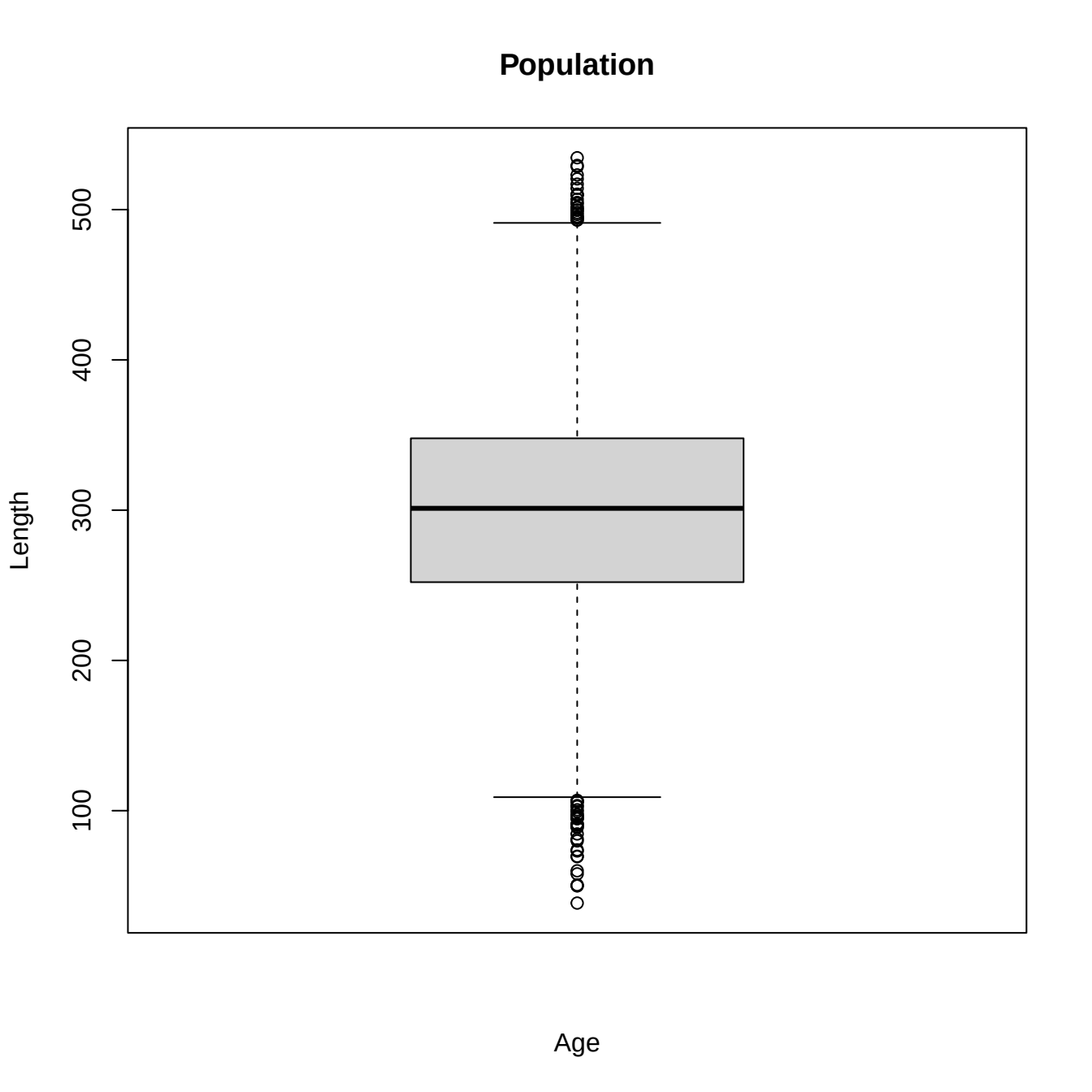

Sample
1
1
2
3
4
5
Age
Stratum

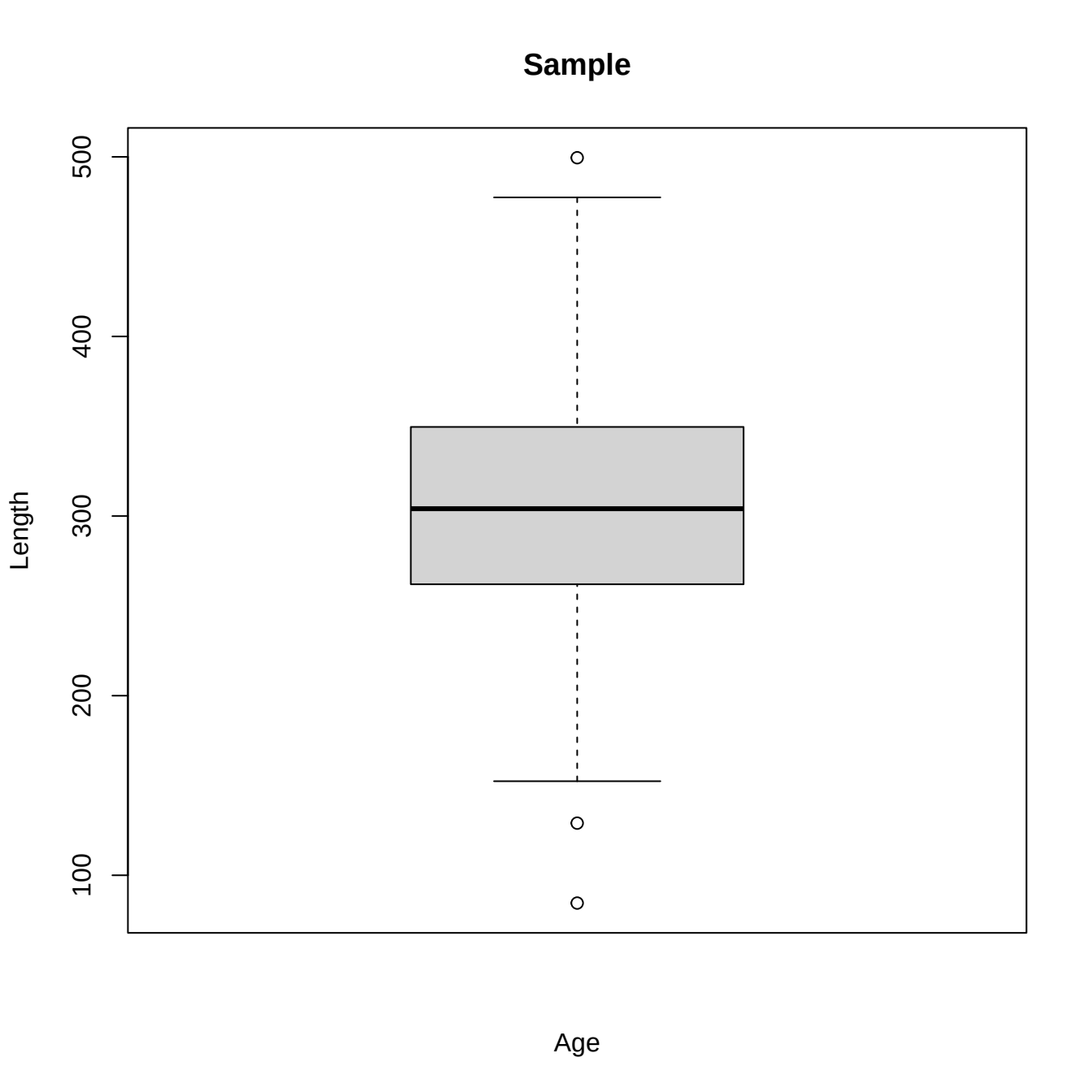

p_hat
sim
true
0.05
0.10
0.15
0.20
0.25
0.30
0.35
1
2
3
4
5
Age

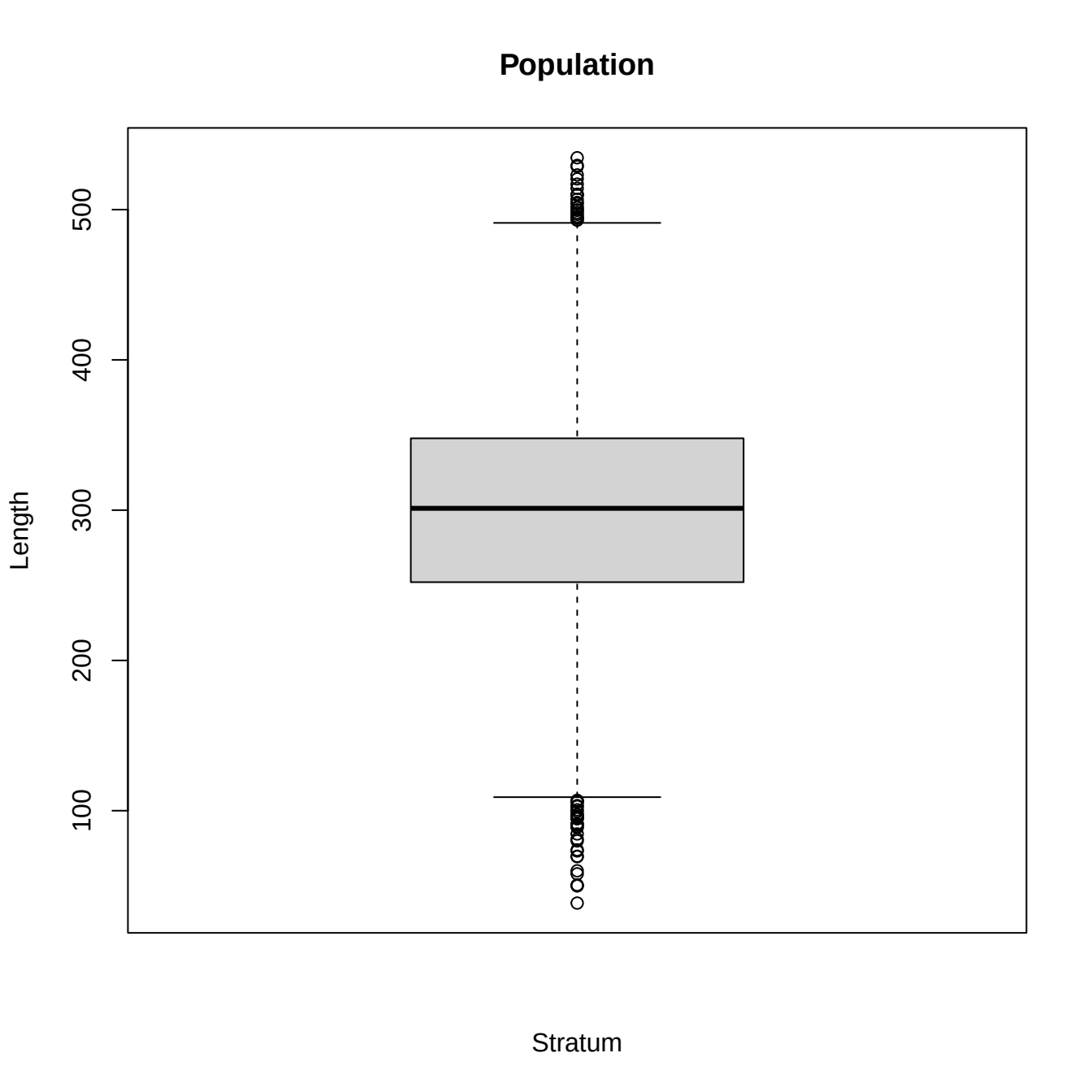

se(p_hat)
sim
true
0.025
0.020
0.015
0.010
1
2
3
4
5
Age

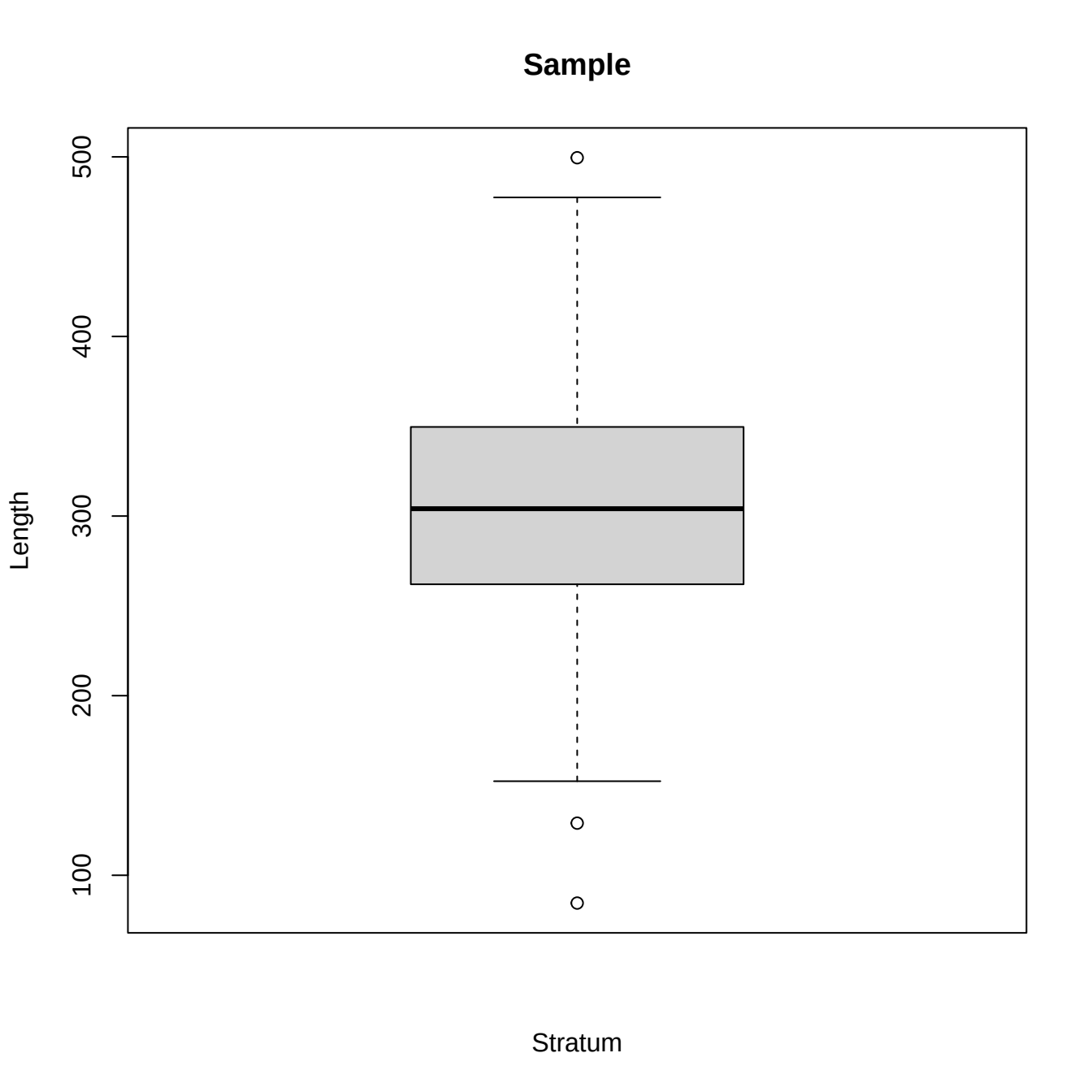

N_hat
sim
true
500
1000
1500
2000
2500
3000
3500
1
2
3
4
5
Age

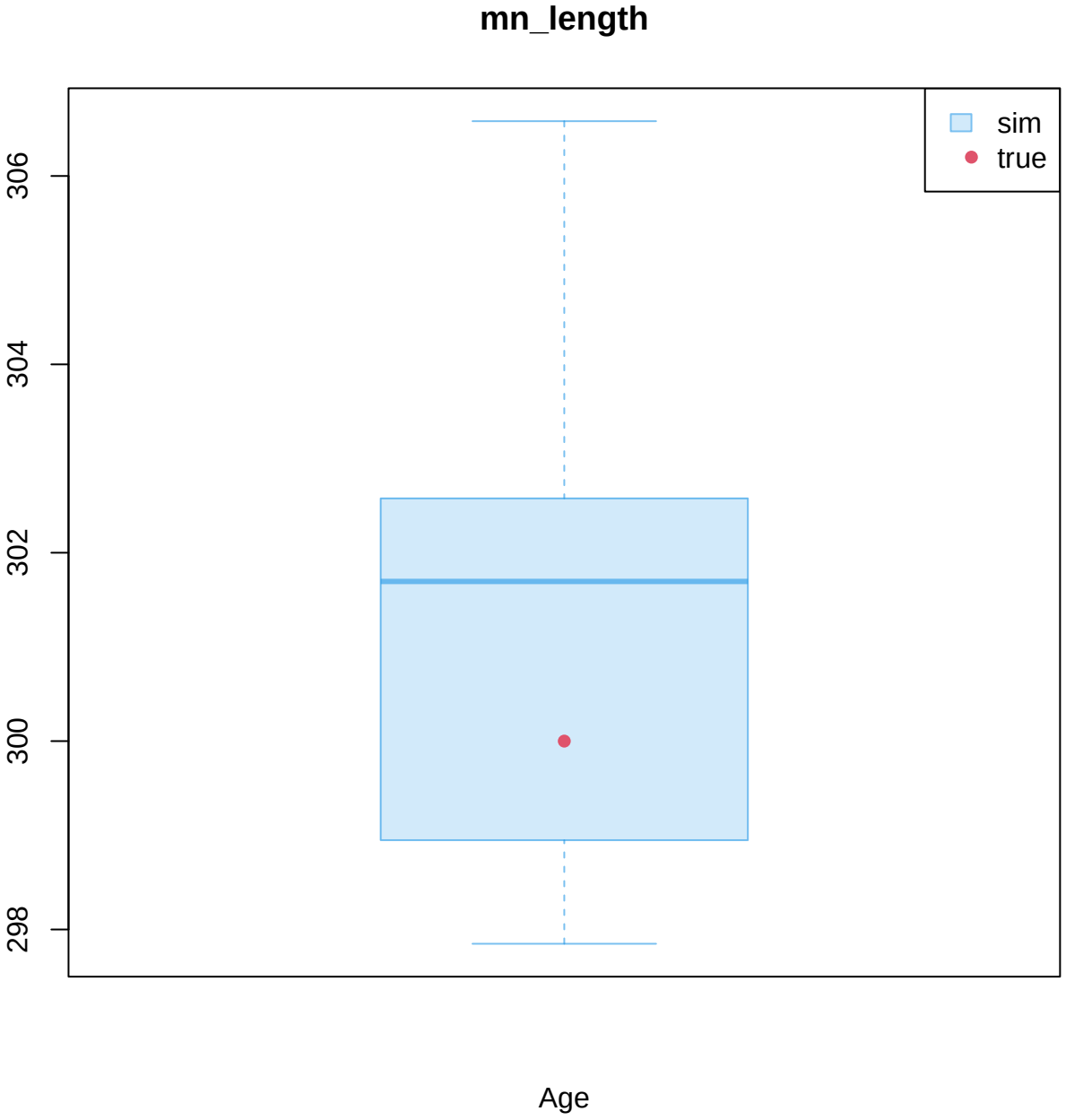

se(N_hat)
sim
true
250
200
150
100
1
2
3
4
5
Age

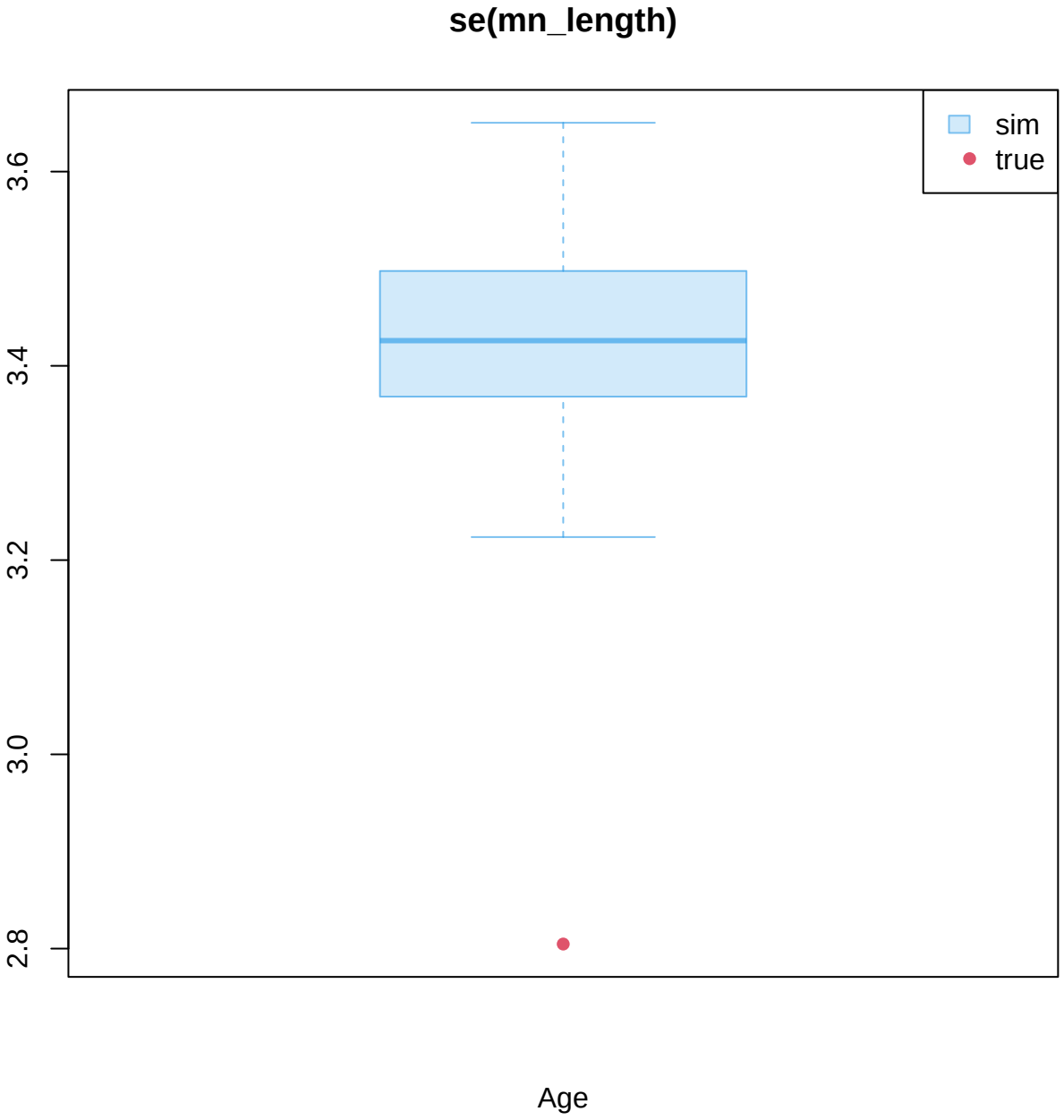

Population
Length
100
200
300
400
500
Age


Sample
Length
100
200
300
400
500
Age


Population
Length
100
200
300
400
500
Stratum


Sample
Length
500
400
300
200
100
Stratum


mn_length
sim
true
306
304
302
300
298
Age


se(mn_length)
sim
true
3.6
3.4
3.2
3.0
2.8
Age