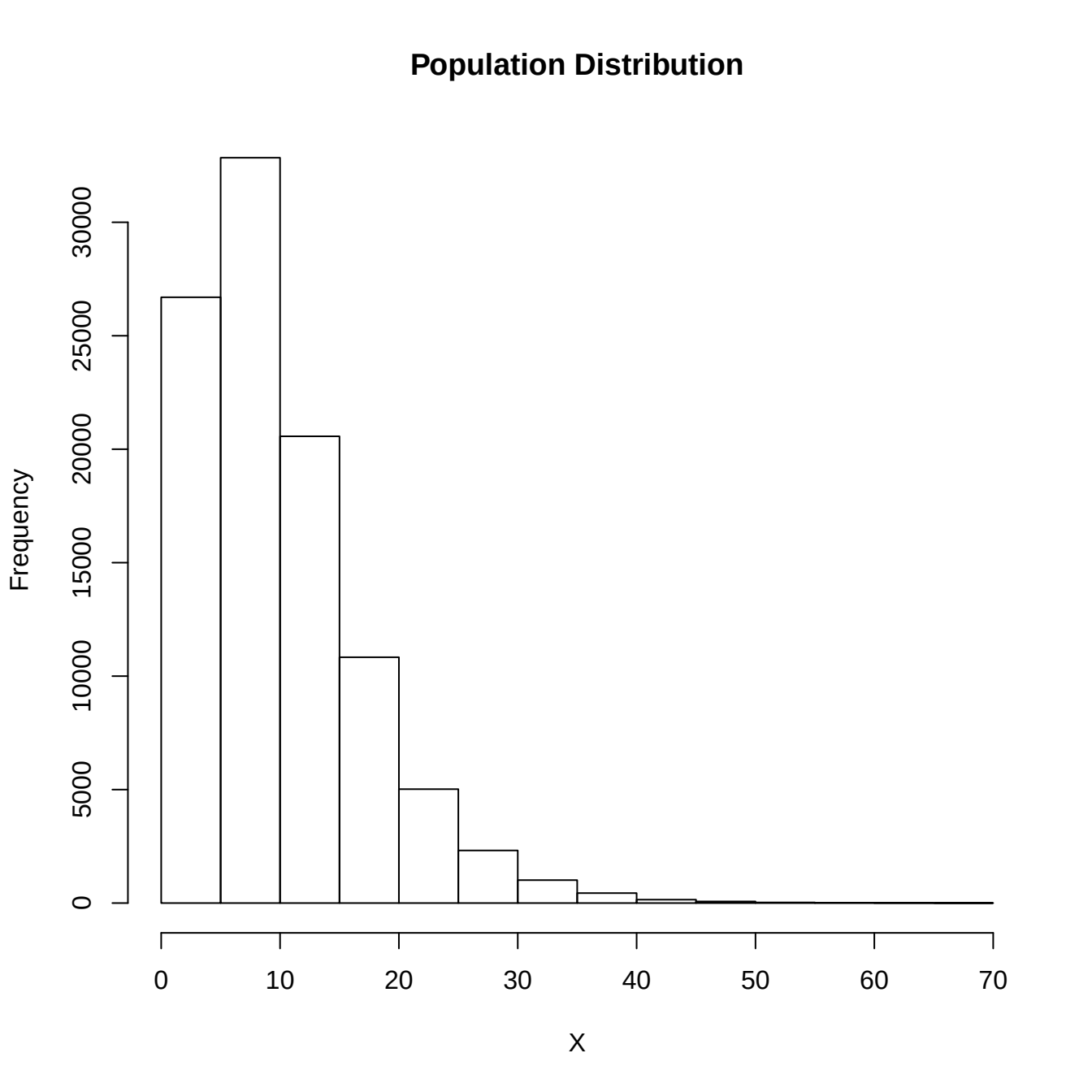
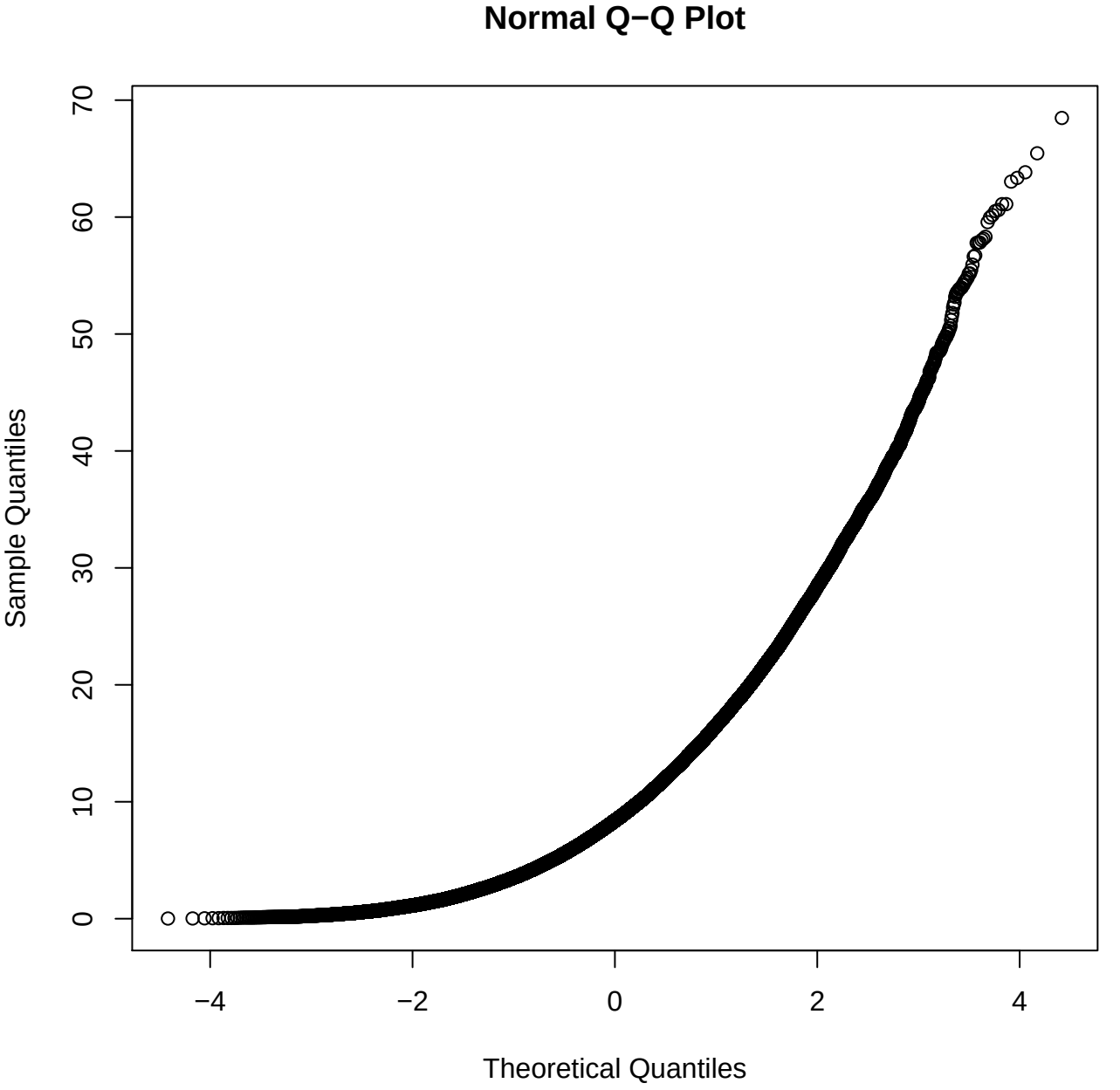
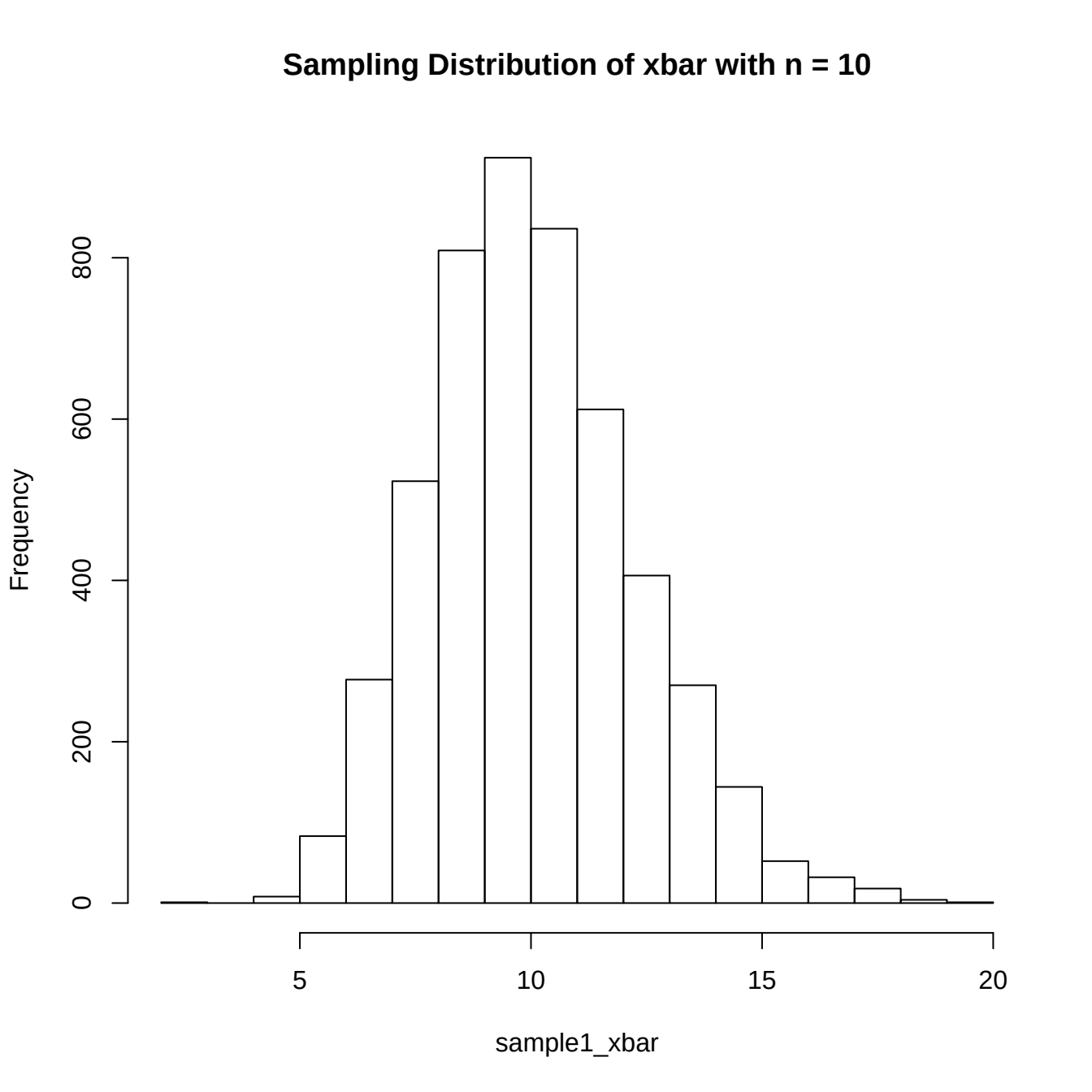
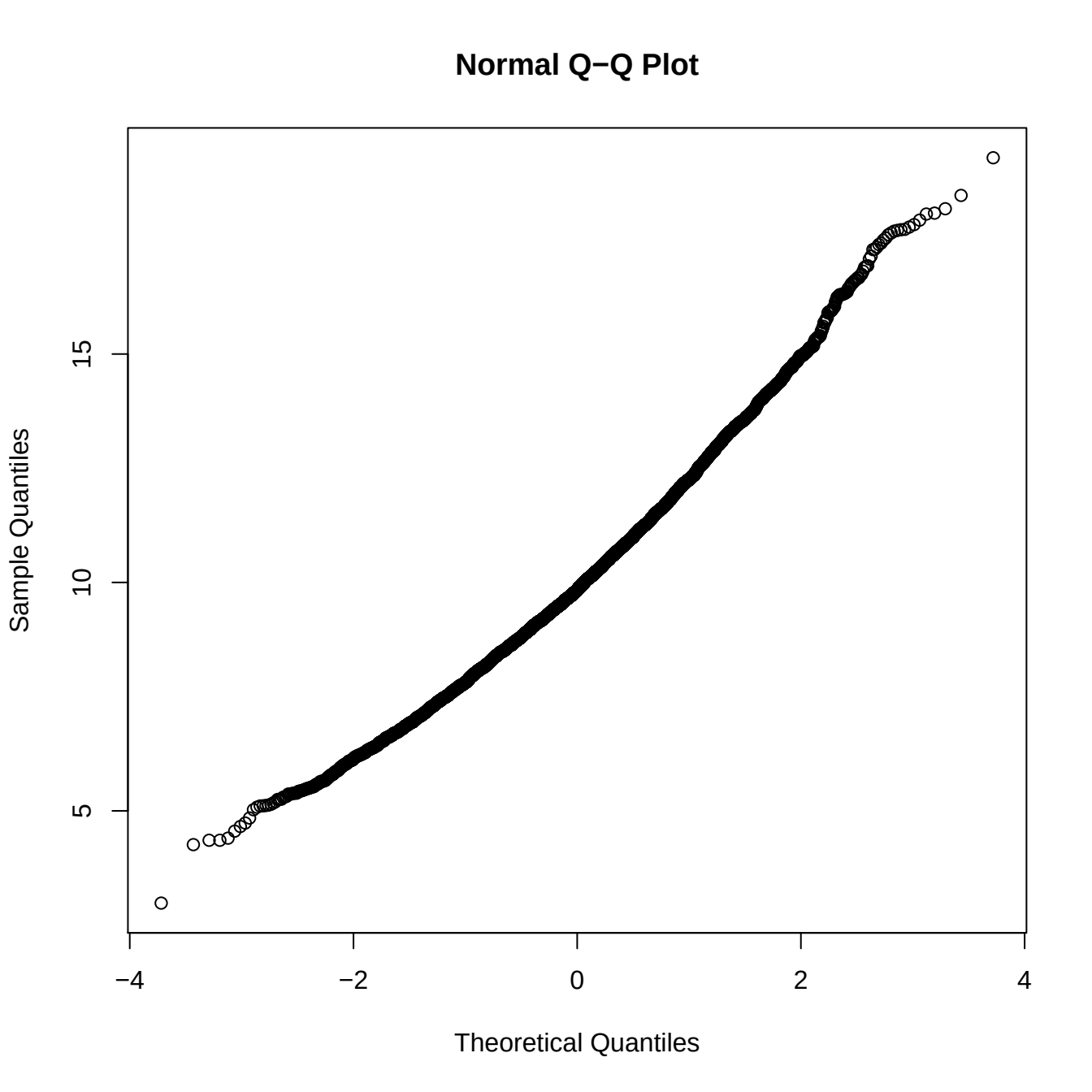
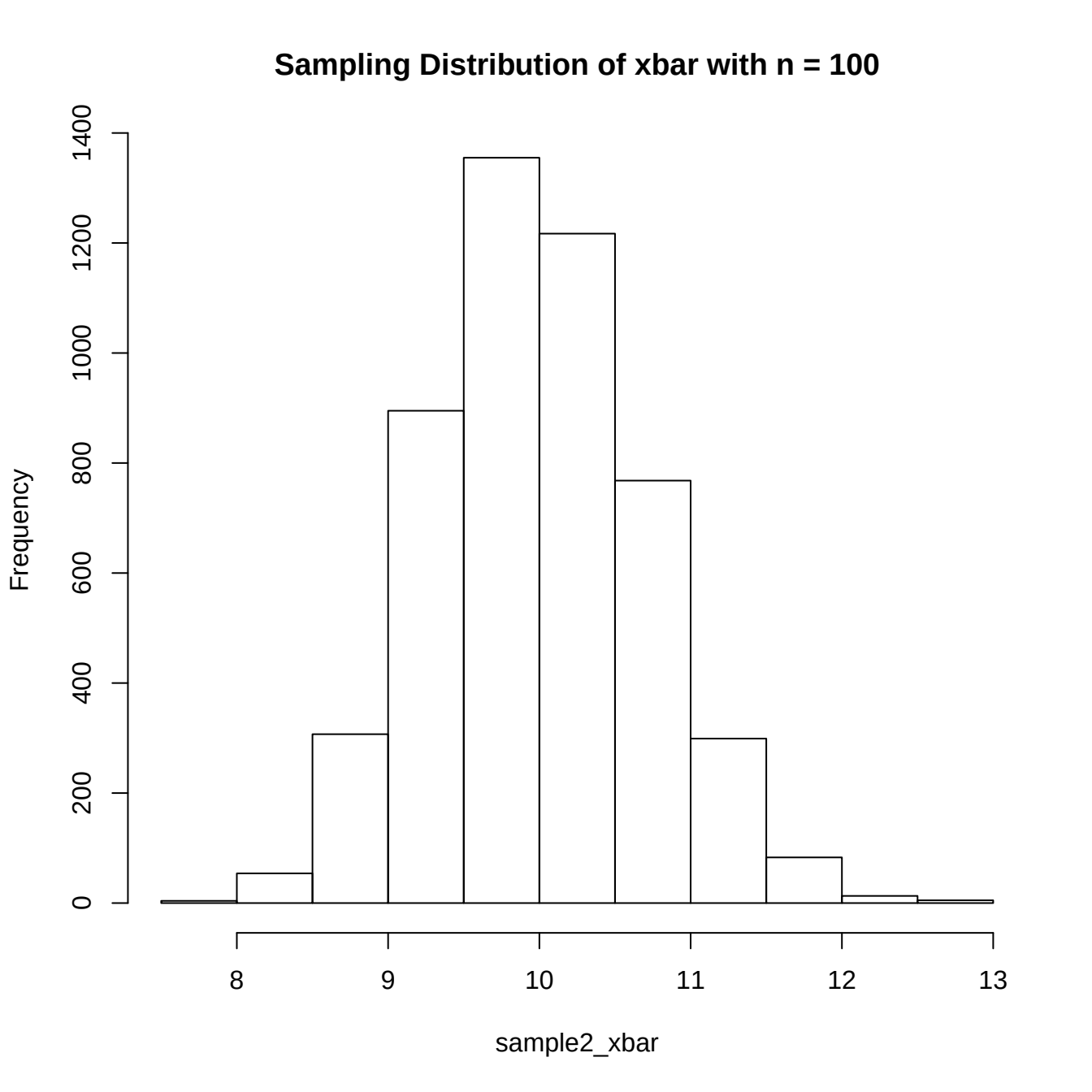
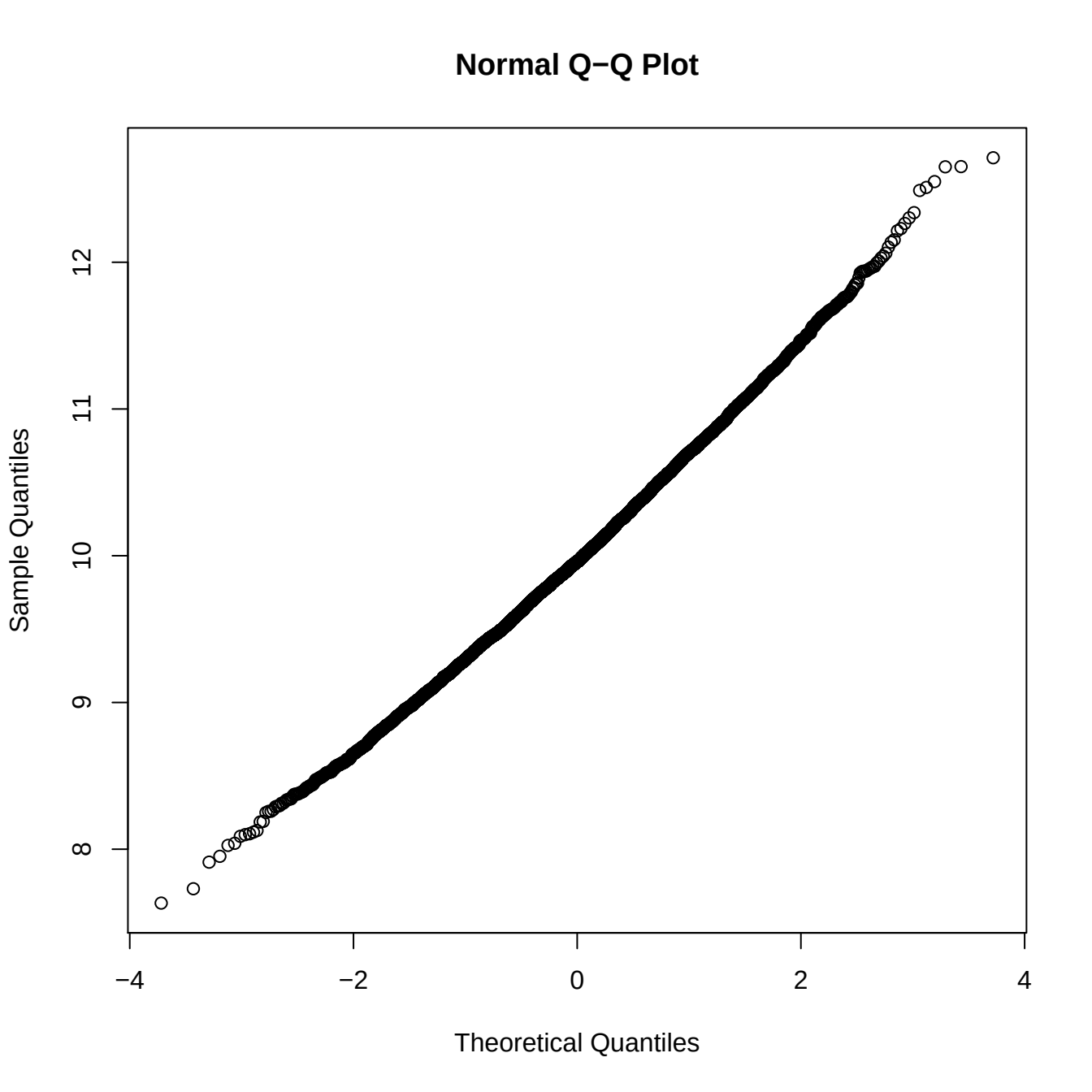

Population Distribution
Frequency
0
5000
10000
15000
20000
25000
30000
0
10
20
30
40
50
60
70
X

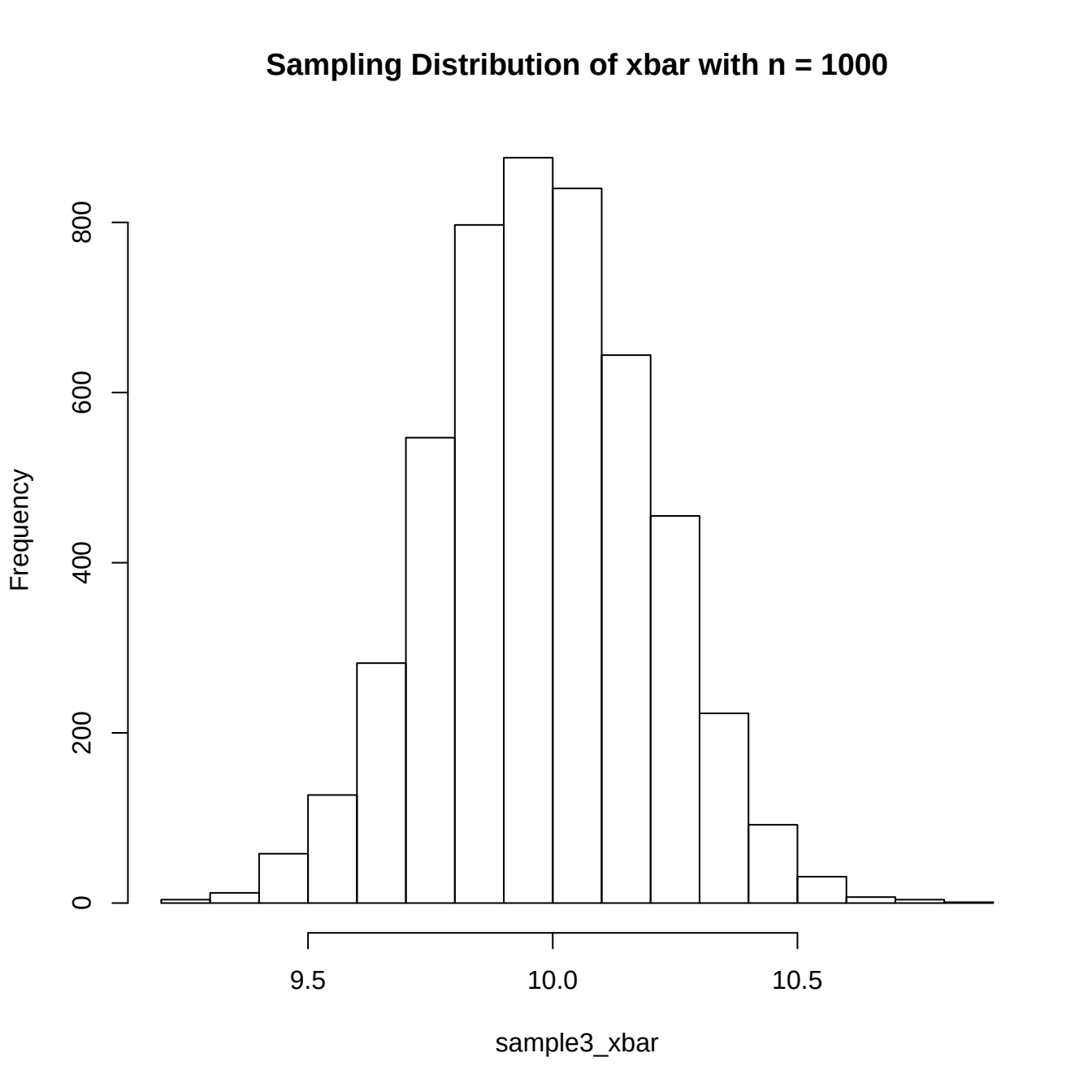

Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
0
10
20
30
40
50
60
70
−4
−2
0
2
4

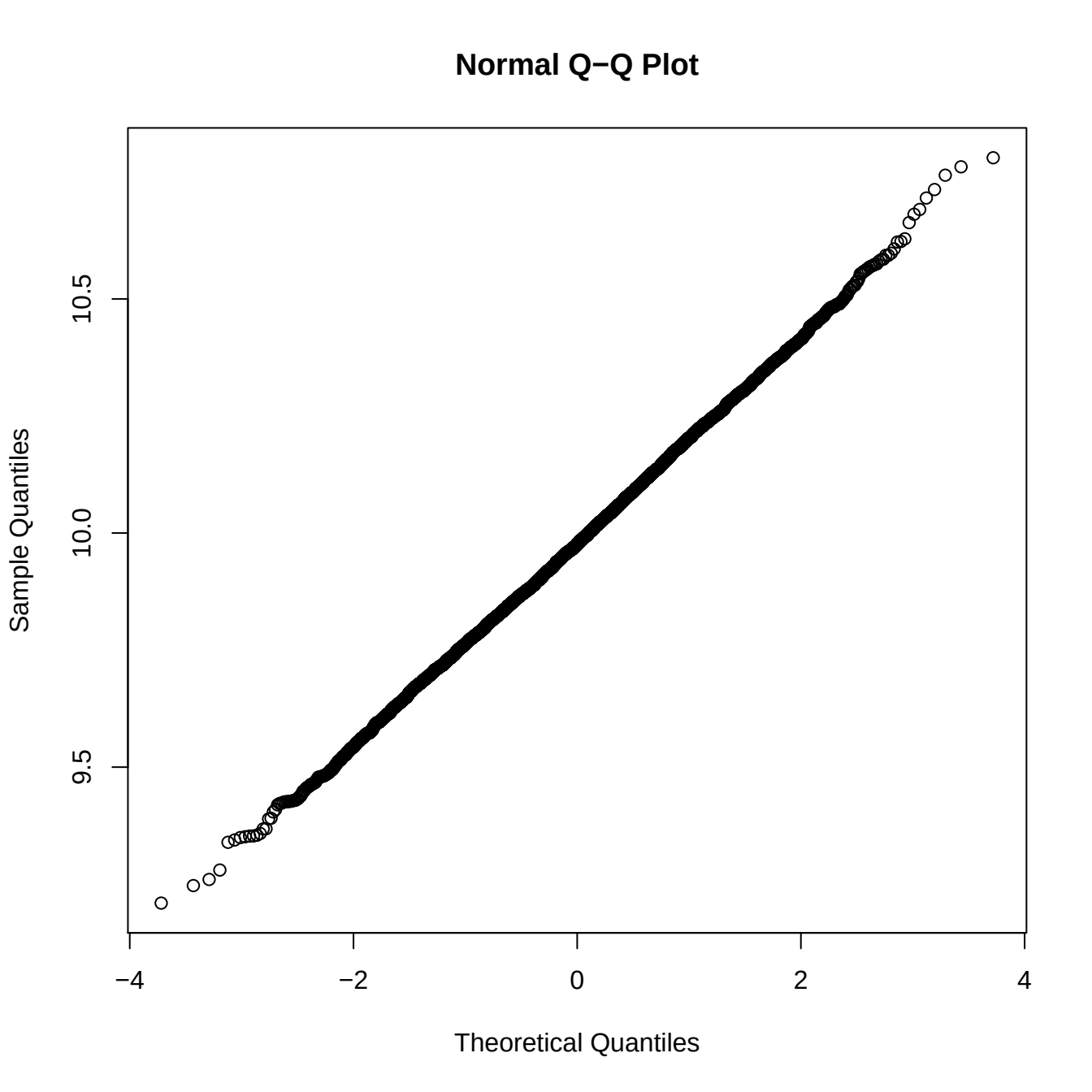

Sampling Distribution of xbar with n = 10
Frequency
0
200
400
600
800
5
10
15
20
sample1_xbar


Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
5
10
15
−4
−2
0
2
4


Sampling Distribution of xbar with n = 100
Frequency
0
200
400
600
800
1000
1200
1400
8
9
10
11
12
13
sample2_xbar


Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
8
9
10
11
12
−4
−2
0
2
4


Sampling Distribution of xbar with n = 1000
Frequency
0
200
400
600
800
9.5
10.0
10.5
sample3_xbar


Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
9.5
10.0
10.5
−4
−2
0
2
4