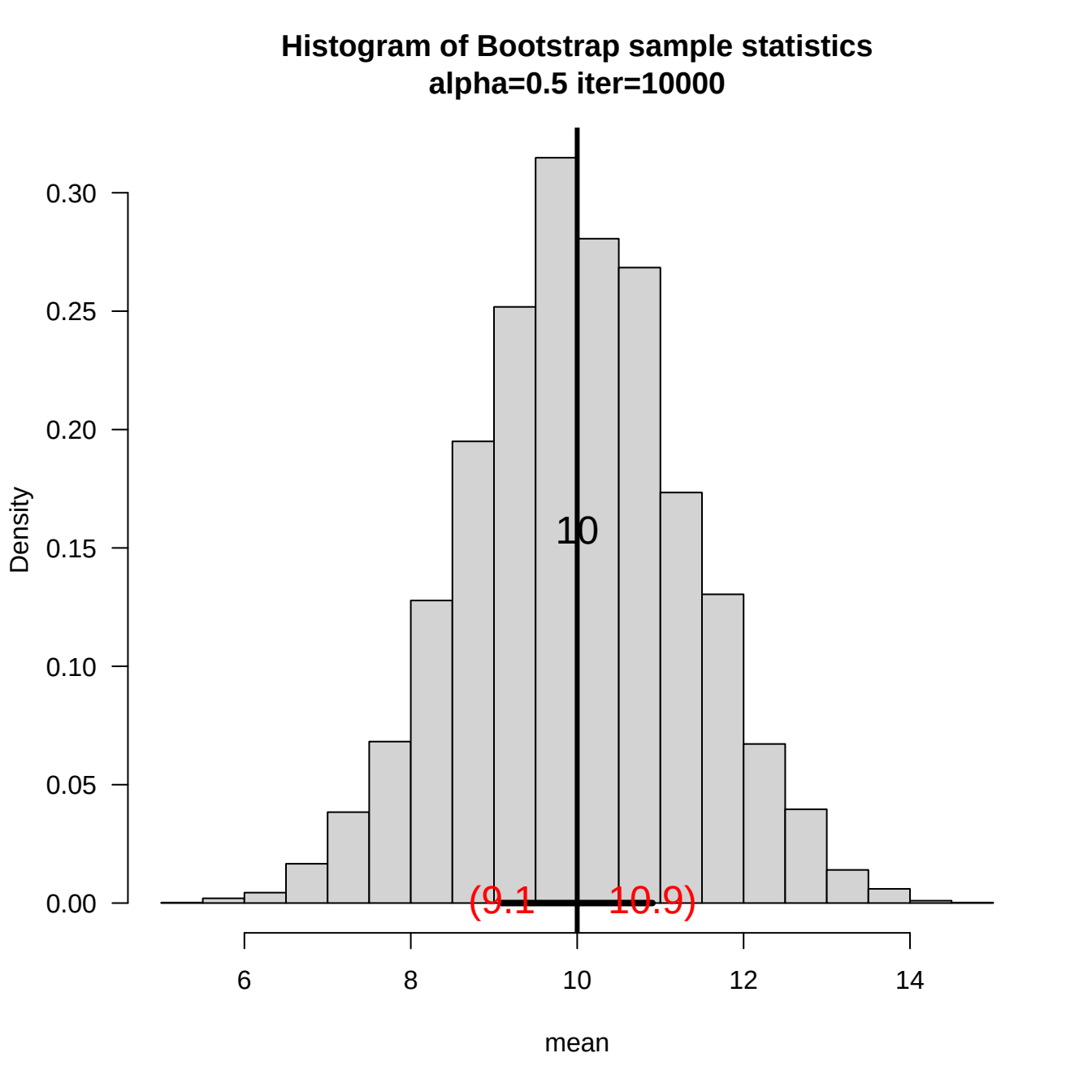
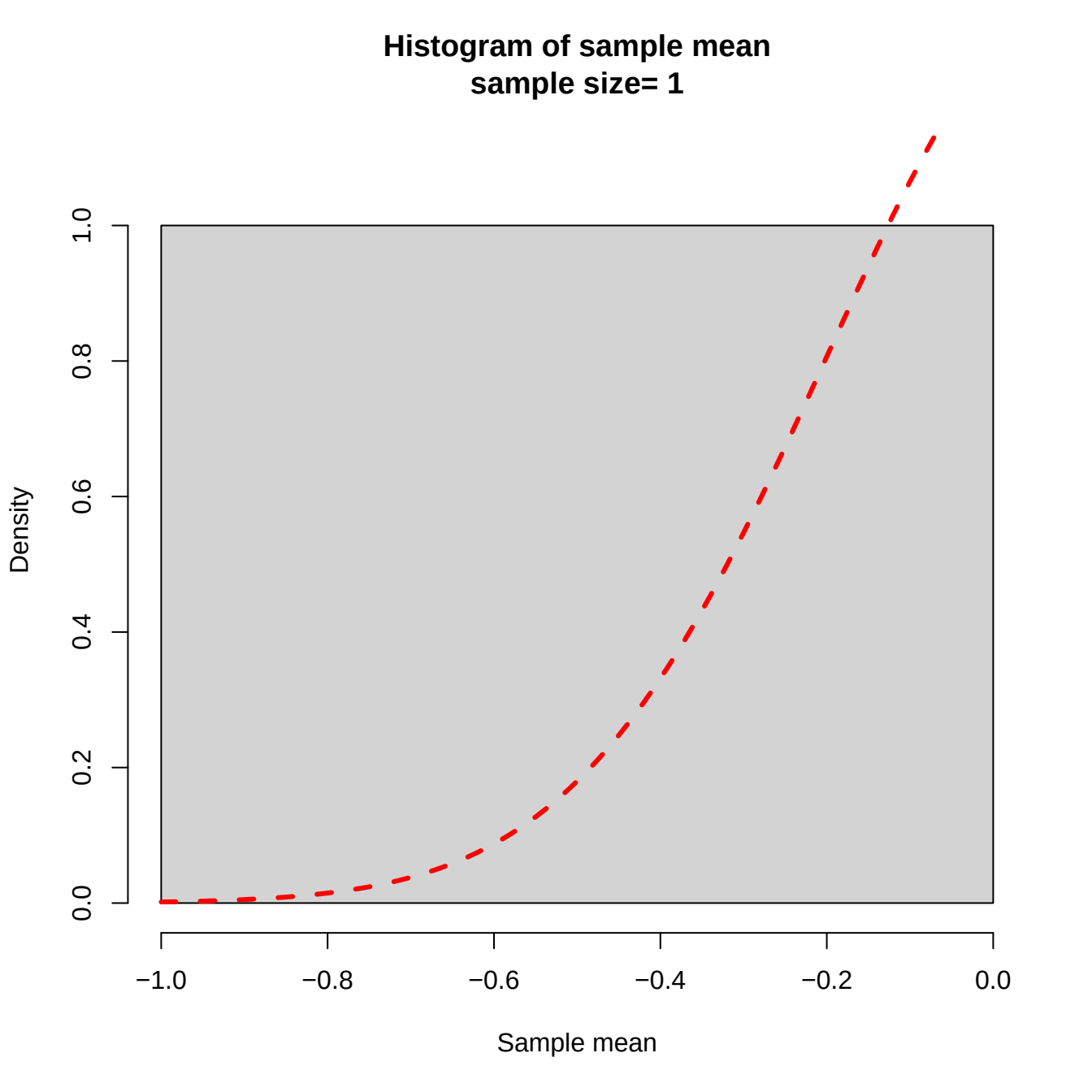
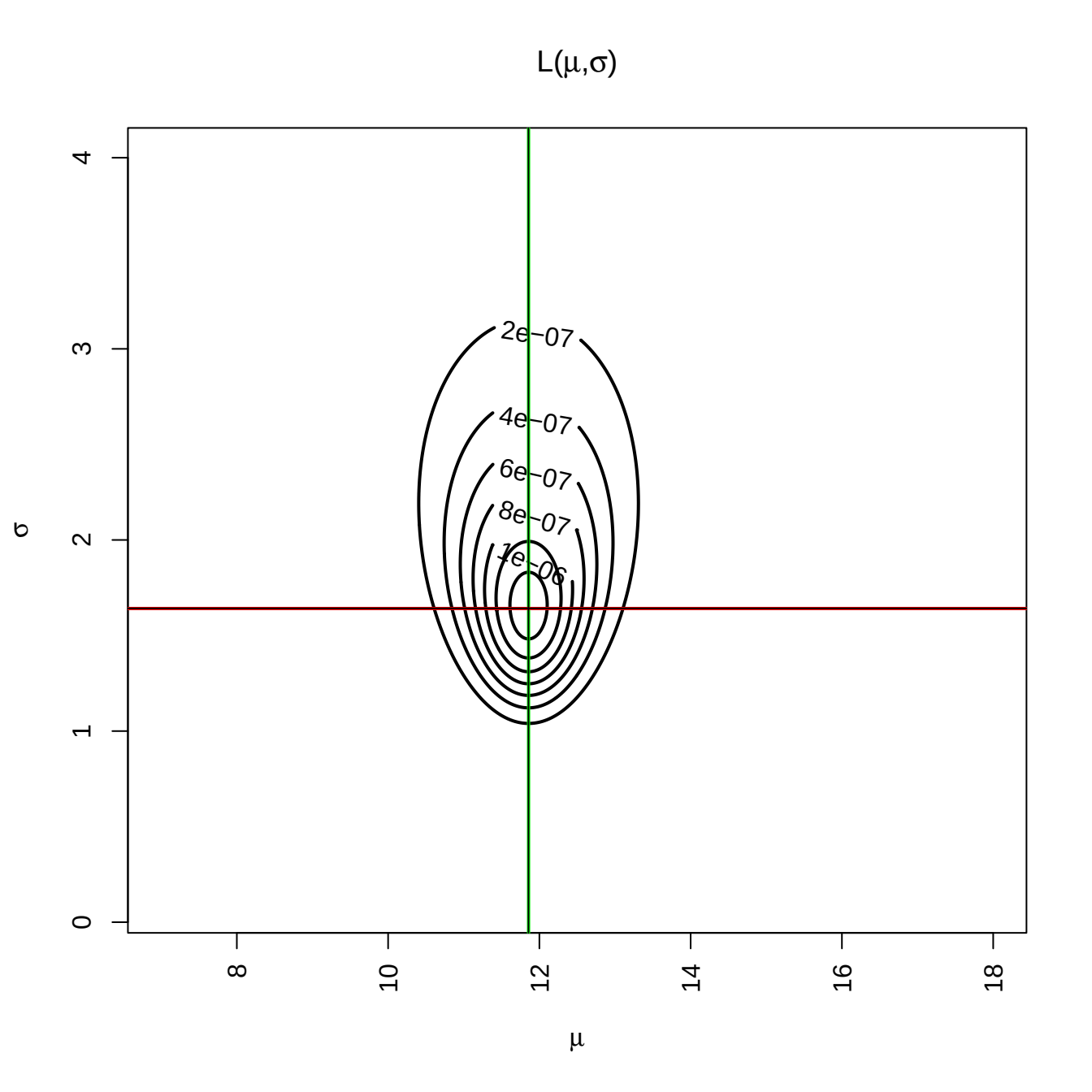
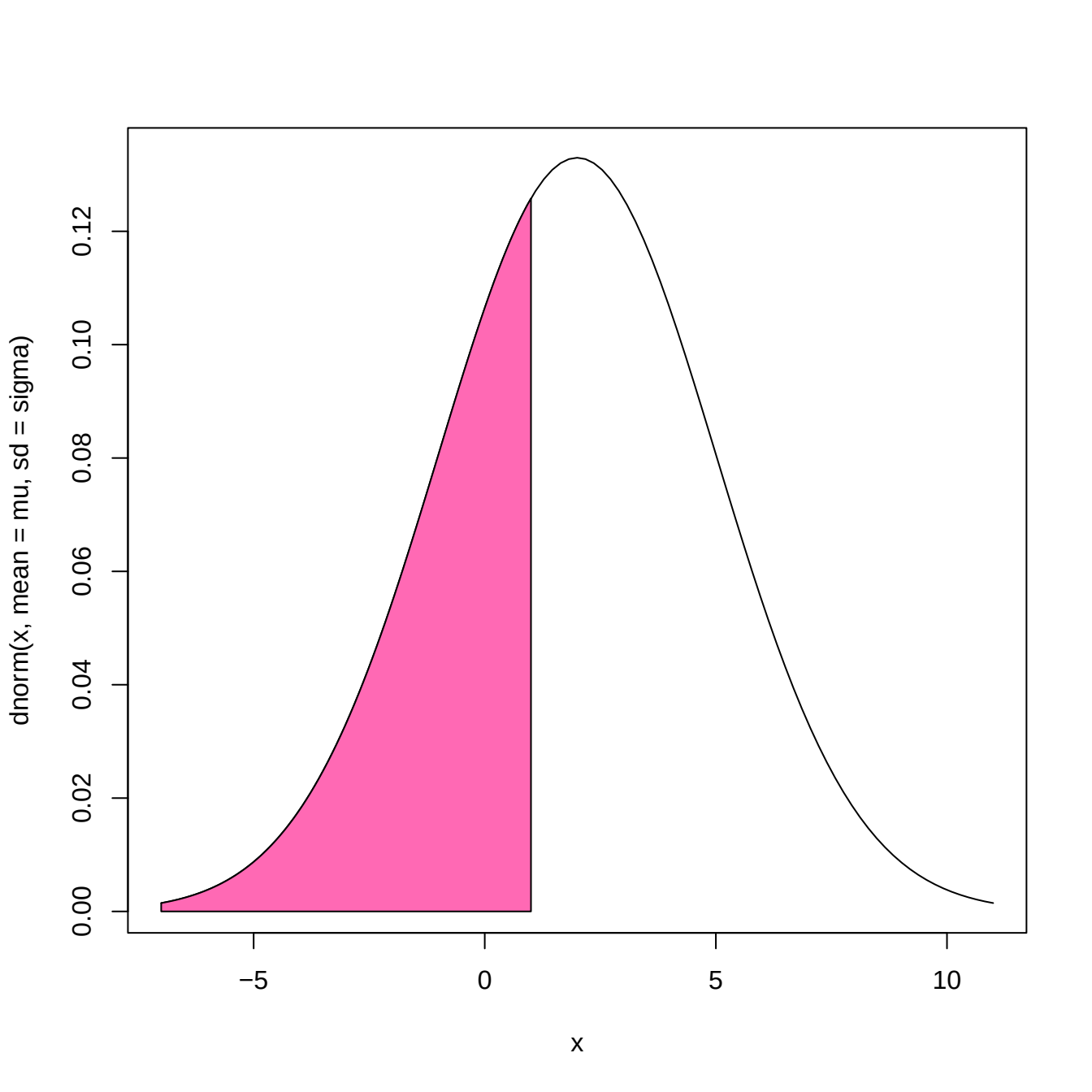
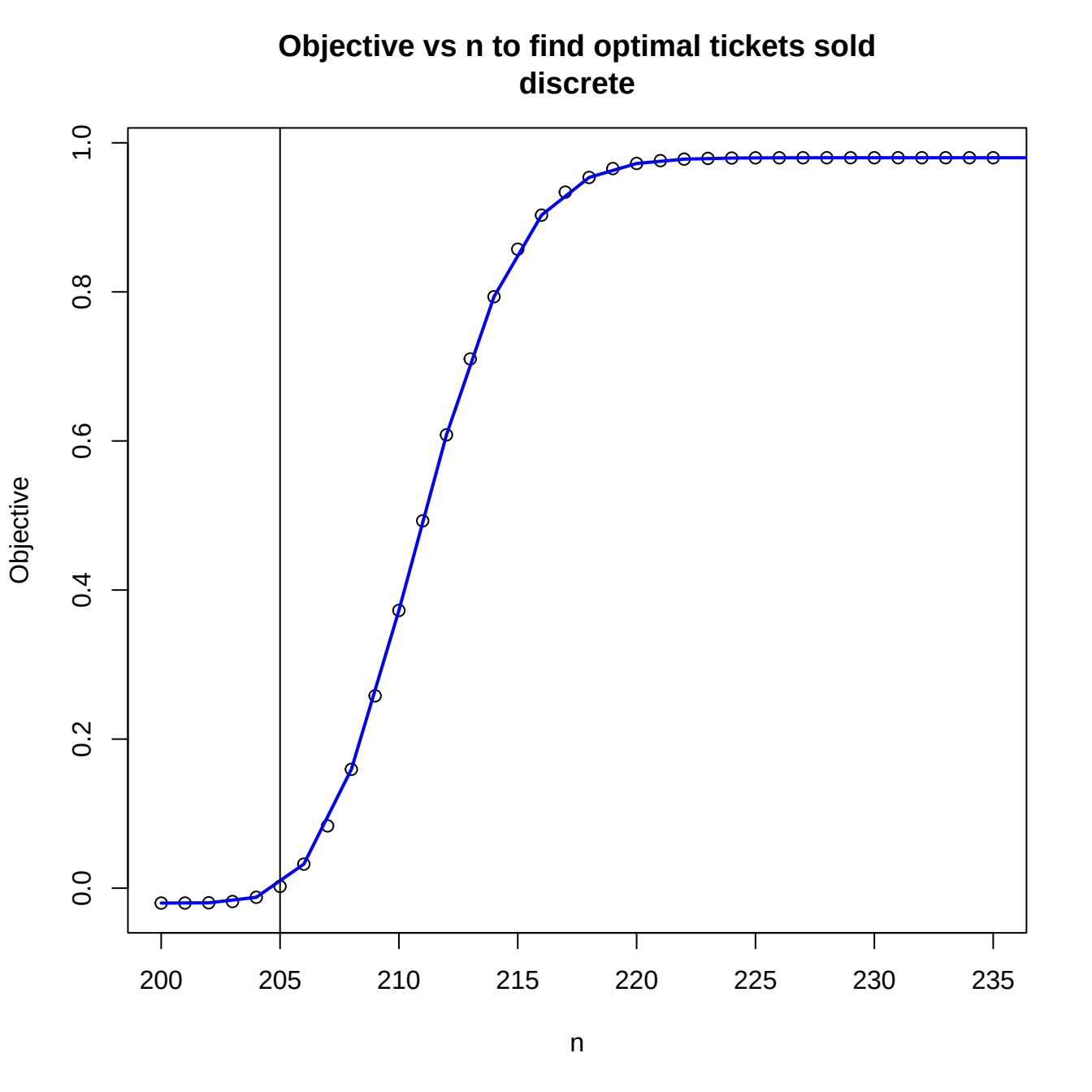
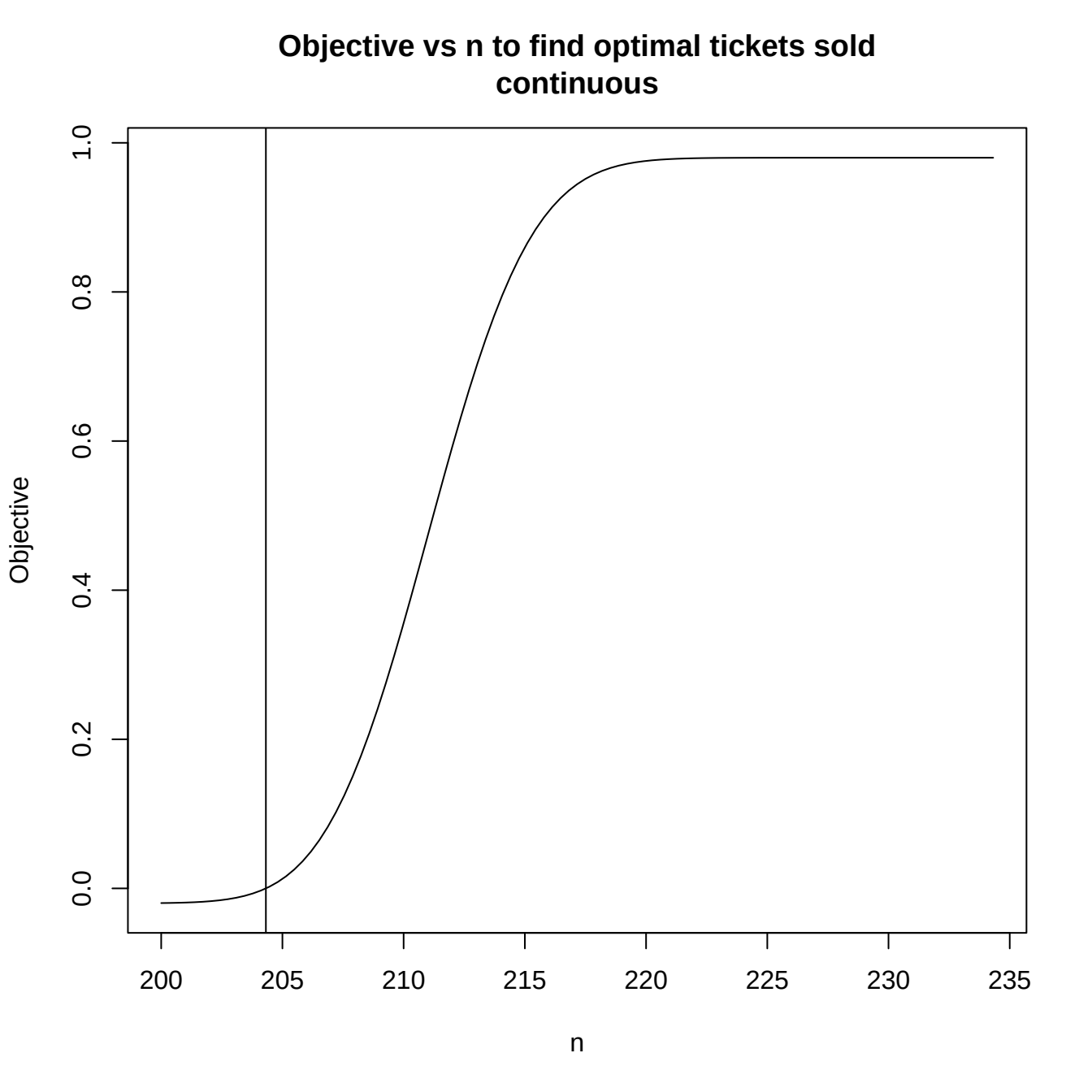

Histogram of Bootstrap sample statistics
alpha=0.5 iter=10000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Density
10
(9.1
10.9)
6
8
10
12
14
mean


Histogram of sample mean
sample size= 1
Density
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Sample mean


L(μ,σ)
2e−07
4e−07
6e−07
8e−07
1e−06
σ
μ
0
1
2
3
4
8
10
12
14
16
18


dnorm(x, mean = mu, sd = sigma)
0.00
0.02
0.04
0.06
0.08
0.10
0.12
−5
0
5
10
x


Objective vs n to find optimal tickets sold
discrete
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
225
230
235
n


Objective vs n to find optimal tickets sold
continuous
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
225
230
235
n