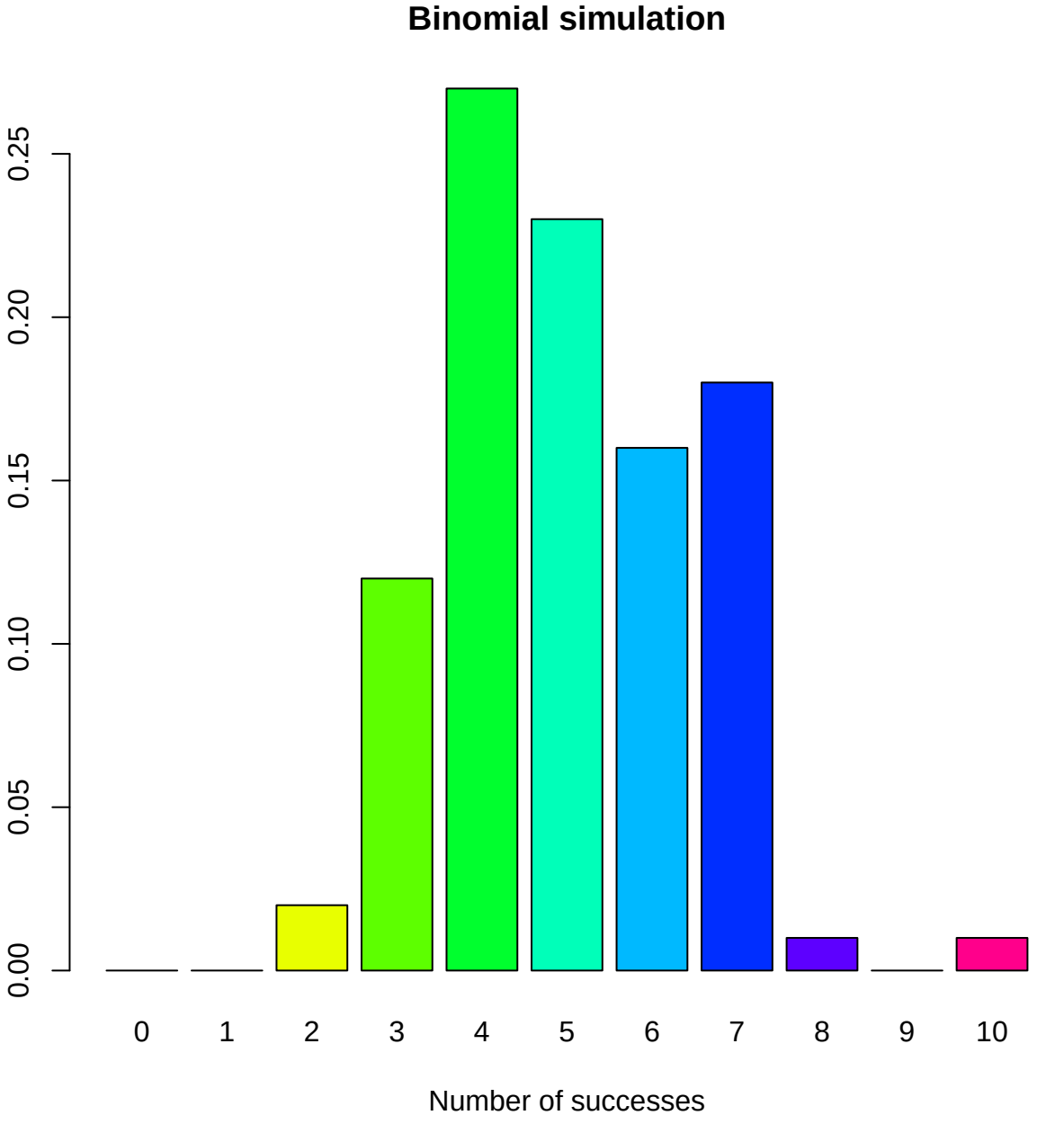
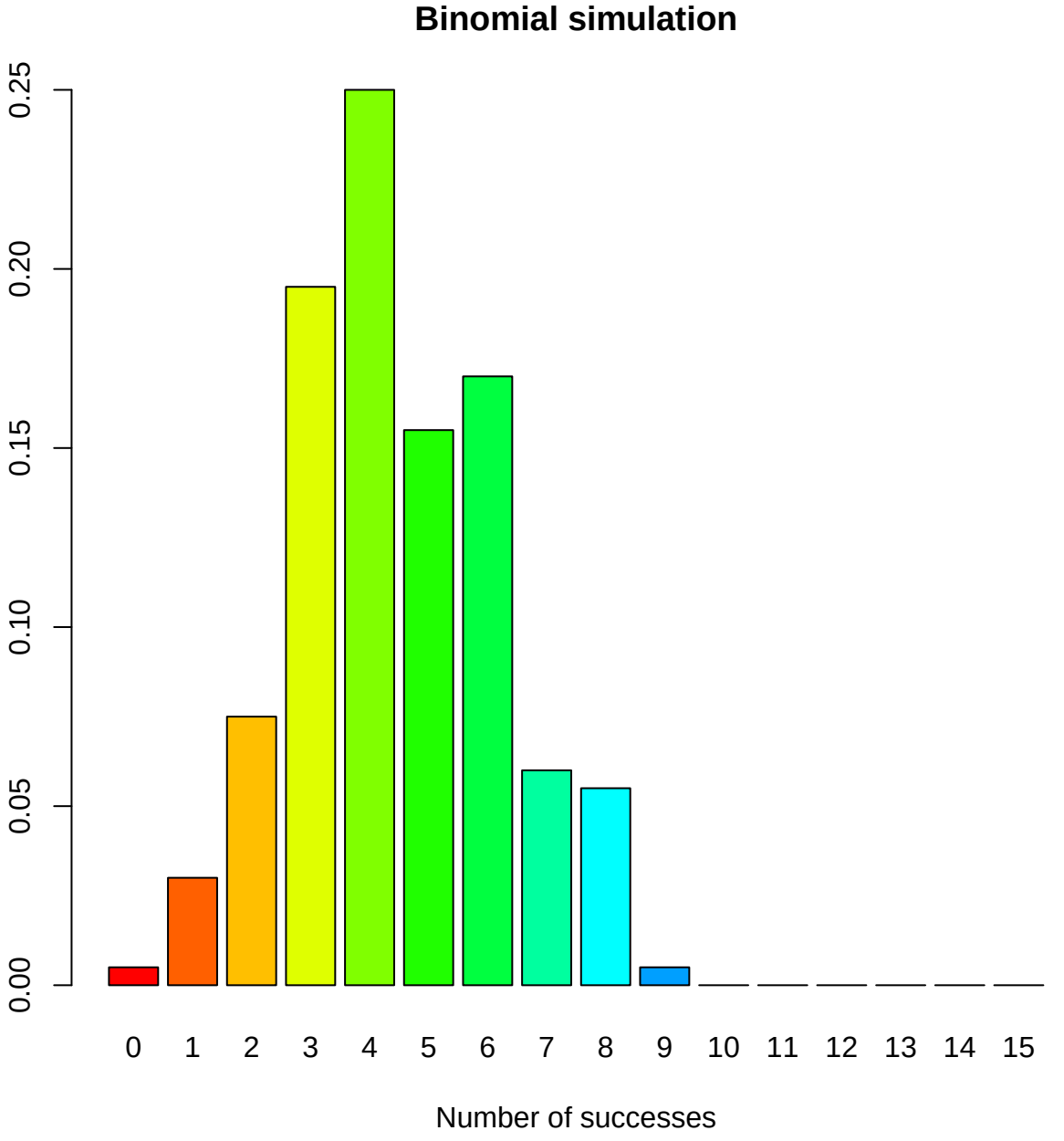
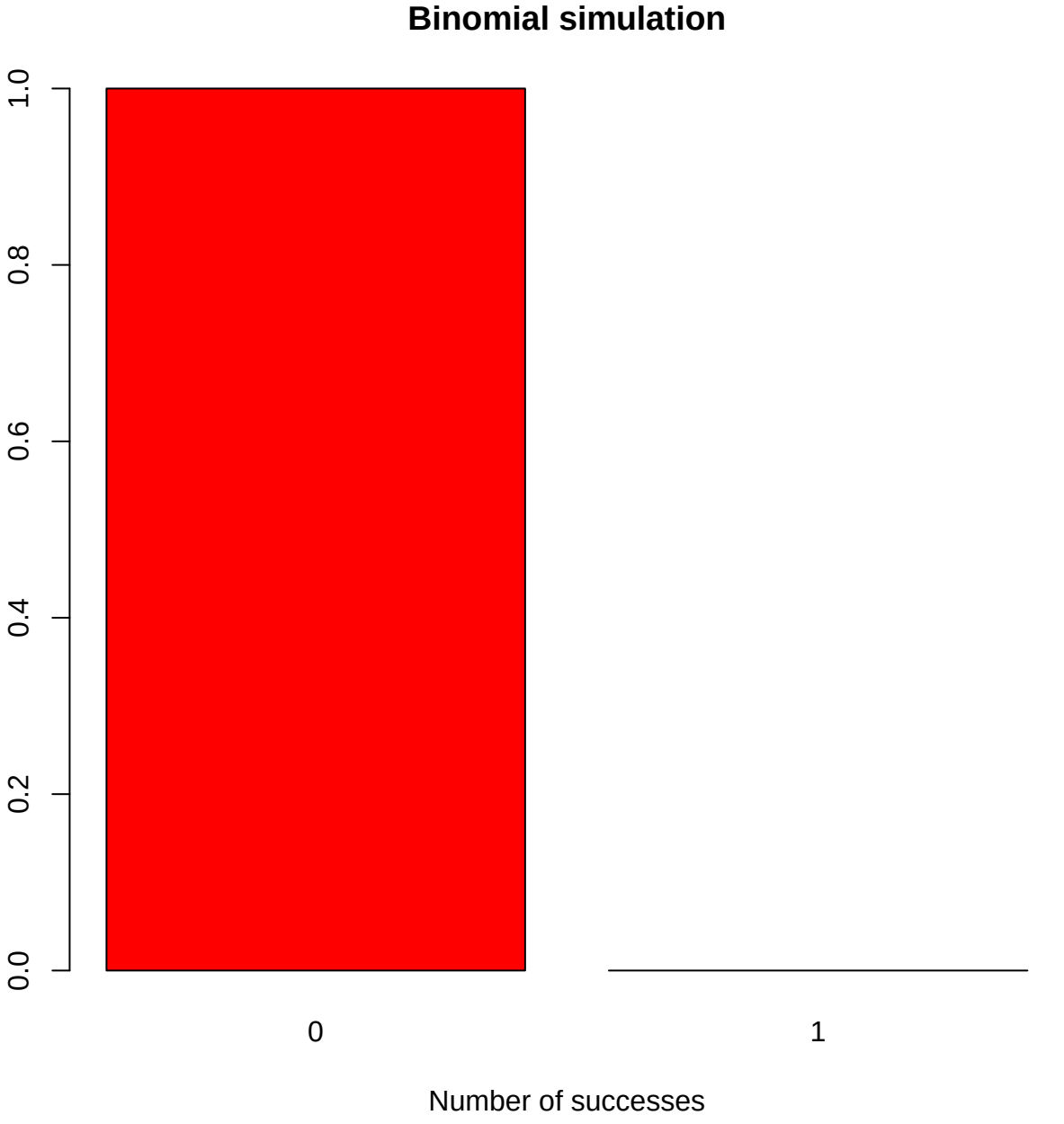
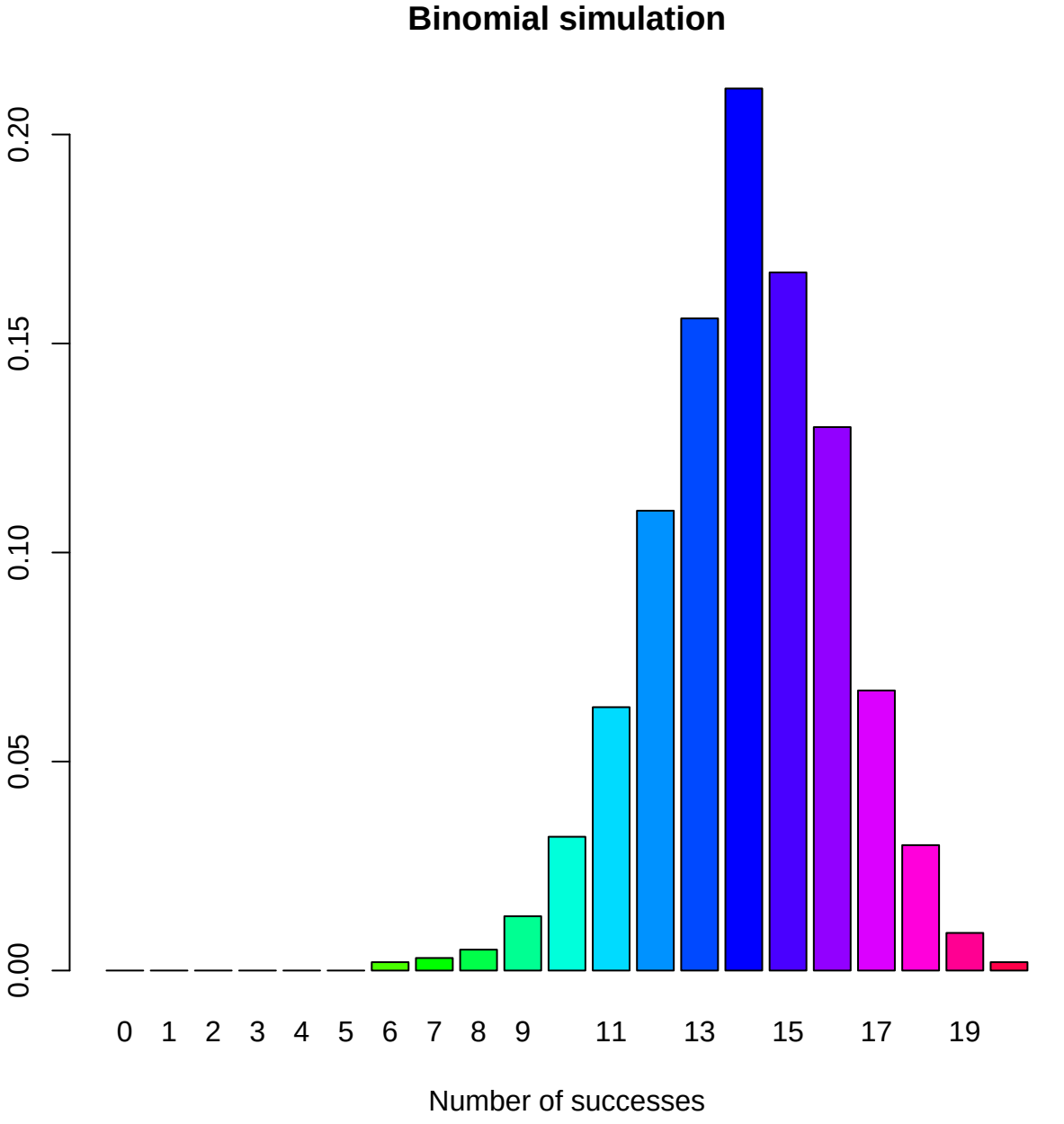
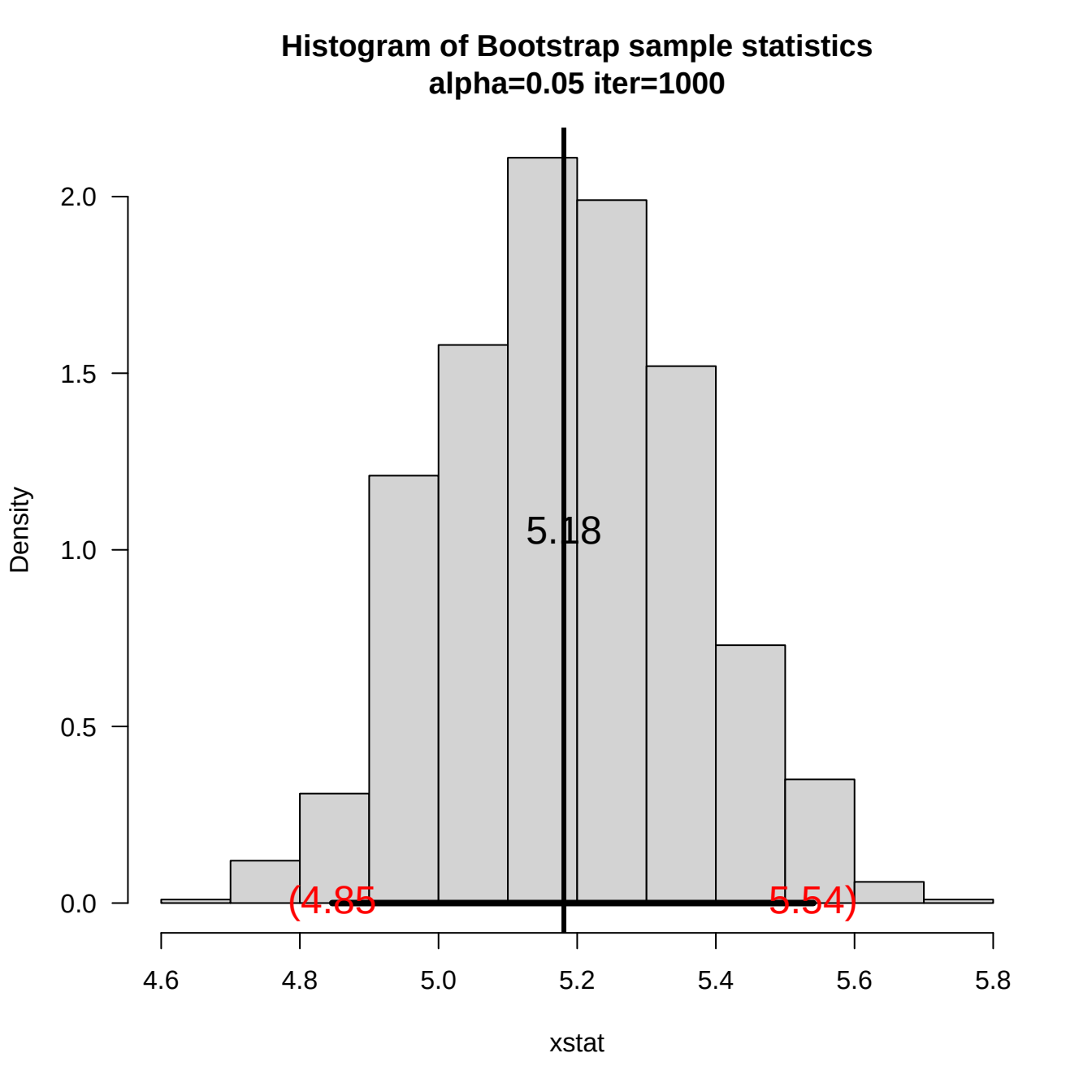
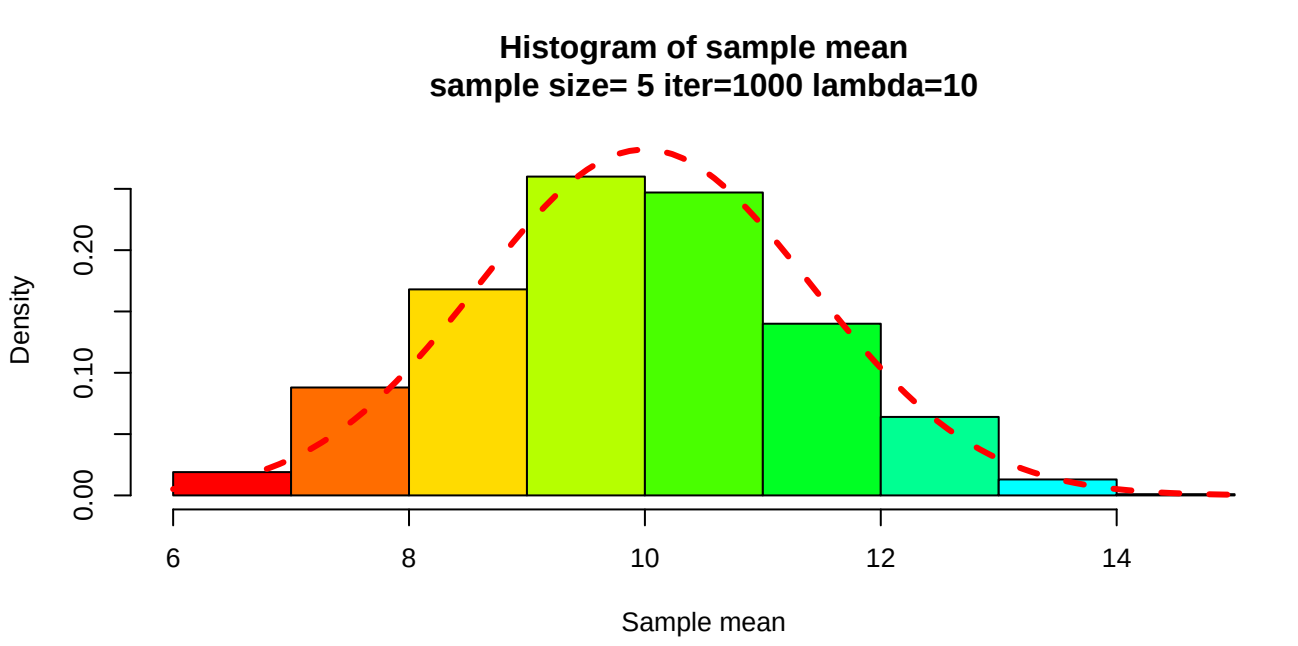

Binomial simulation
0.00
0.05
0.10
0.15
0.20
0.25
0
1
2
3
4
5
6
7
8
9
10
Number of successes

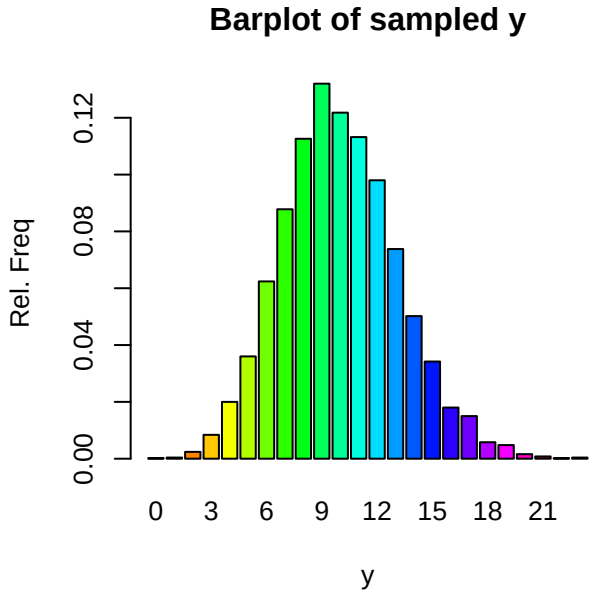

Binomial simulation
0.00
0.05
0.10
0.15
0.20
0.25
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Number of successes

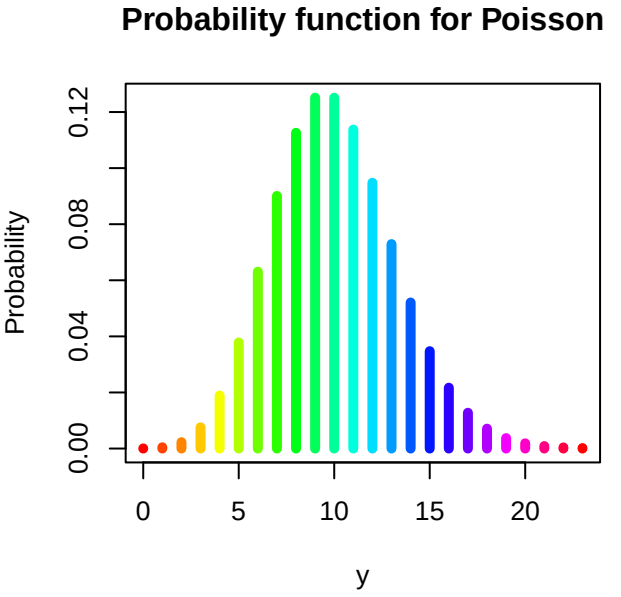

Binomial simulation
1.0
0.8
0.6
0.4
0.2
0.0
0
1
Number of successes

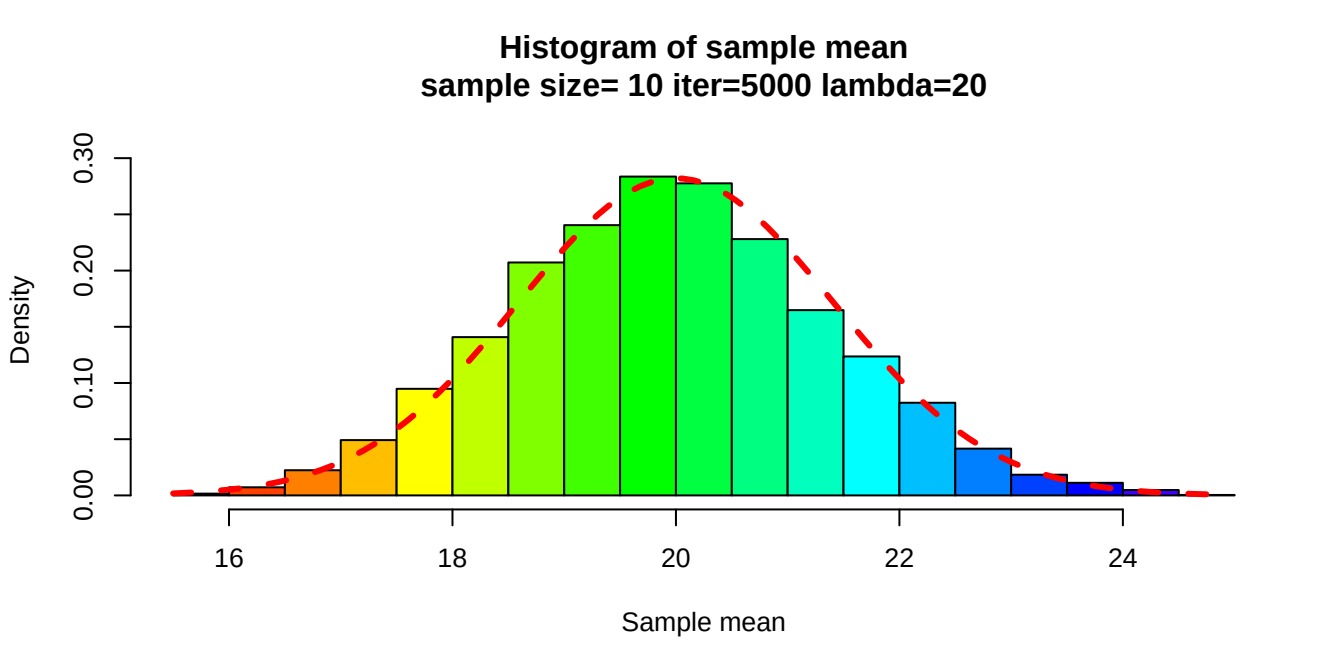

Binomial simulation
0.00
0.05
0.10
0.15
0.20
0 1 2 3 4 5 6 7 8 9 11 13 15 17 19
Number of successes

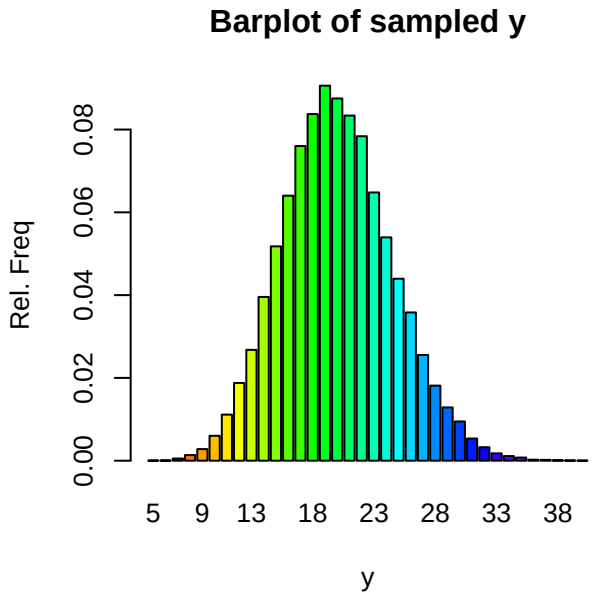

Histogram of Bootstrap sample statistics
alpha=0.05 iter=1000
Density
2.0
1.5
1.0
0.5
0.0
5.18
(4.85
5.54)
4.6
4.8
5.0
5.2
5.4
5.6
5.8
xstat

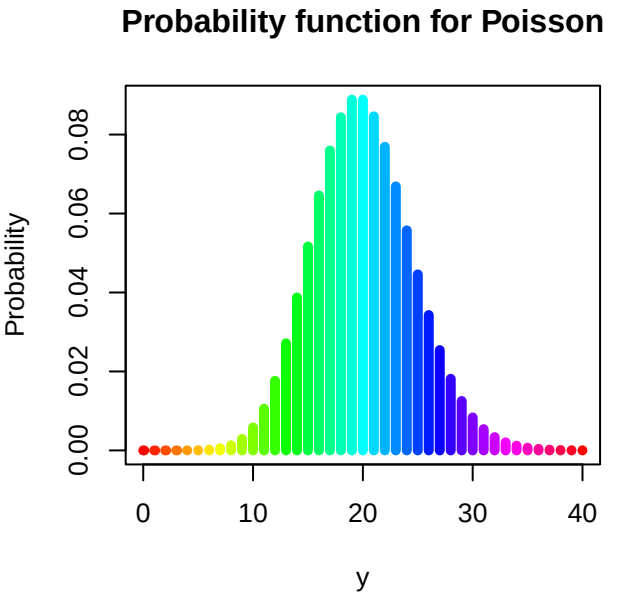

Histogram of sample mean
sample size= 5 iter=1000 lambda=10
Density
0.00
0.10
0.20
6
8
10
12
14
Sample mean

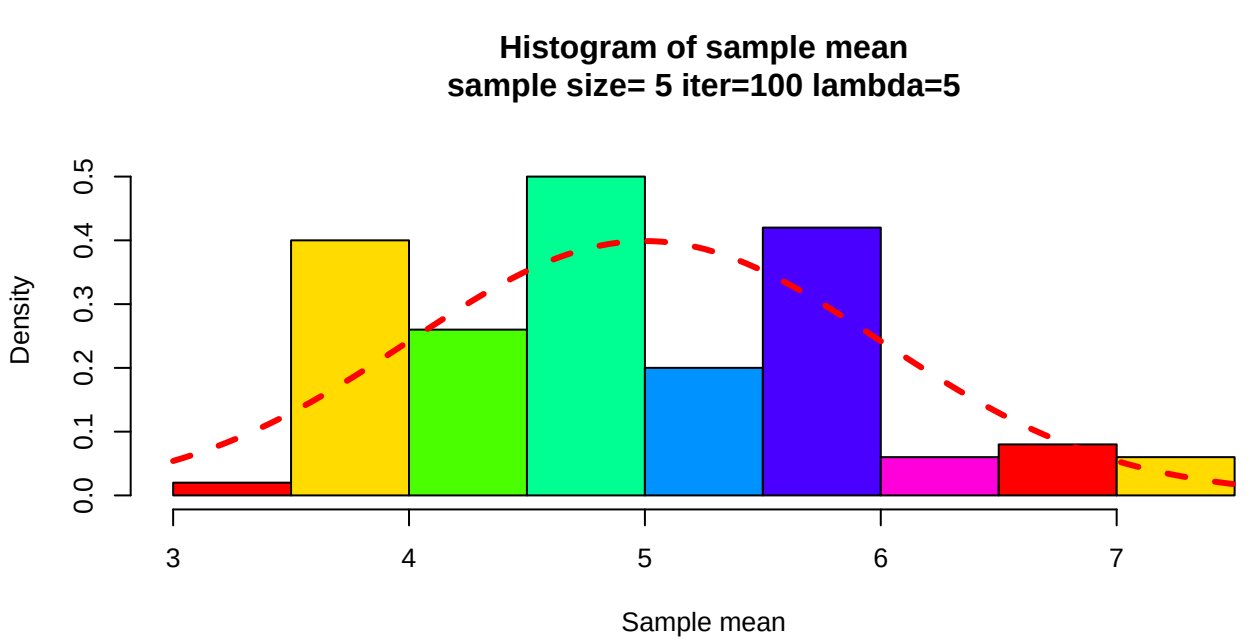

Barplot of sampled y
Rel. Freq
0.00
0.04
0.08
0.12
0
3
6
9
12
15
18
21
y

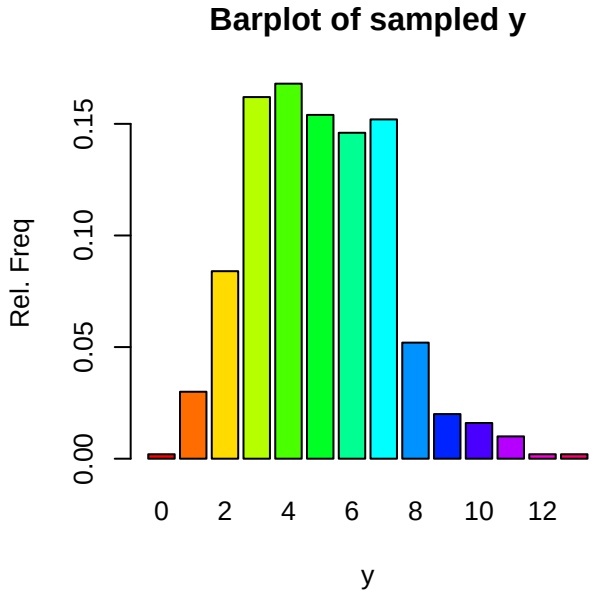

Probability function for Poisson
Probability
0.00
0.04
0.08
0.12
0
5
10
15
20
y

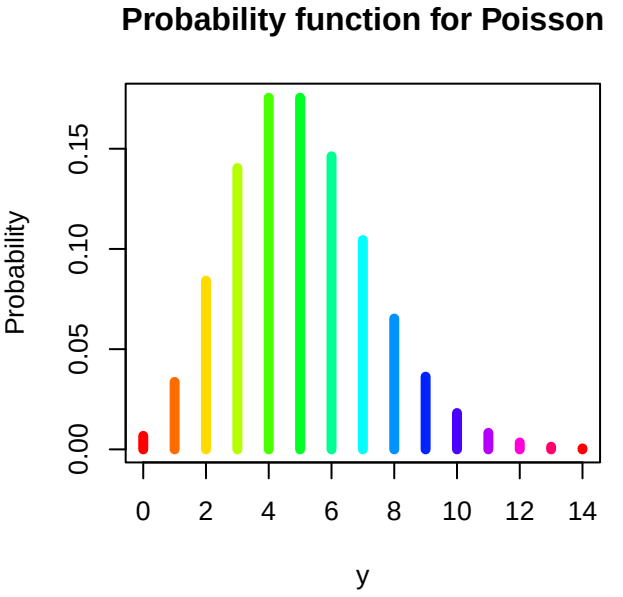

Histogram of sample mean
sample size= 10 iter=5000 lambda=20
Density
0.00
0.10
0.20
0.30
16
18
20
22
24
Sample mean

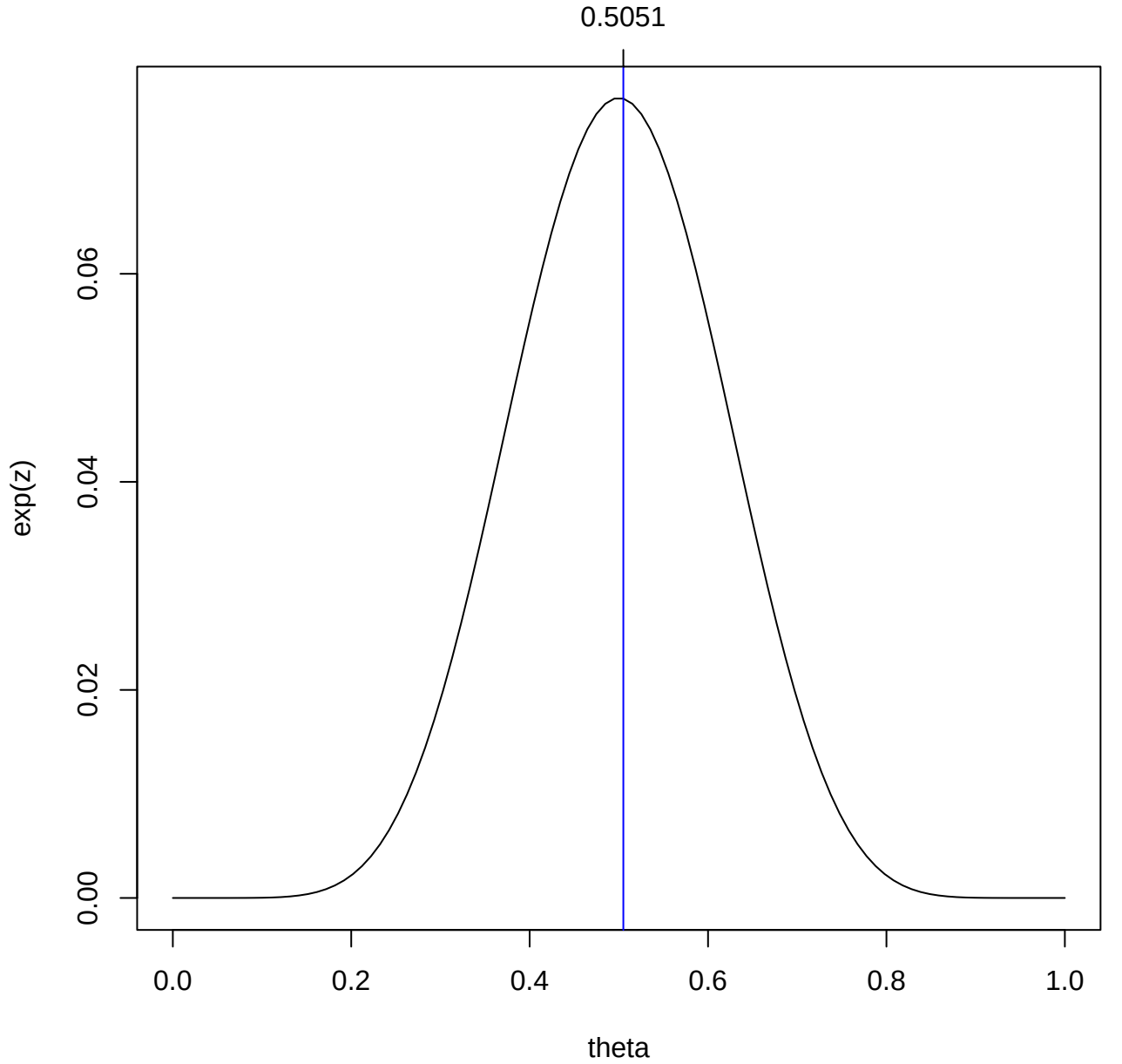

Barplot of sampled y
Rel. Freq
0.00
0.02
0.04
0.06
0.08
5
9
13
18
23
28
33
38
y

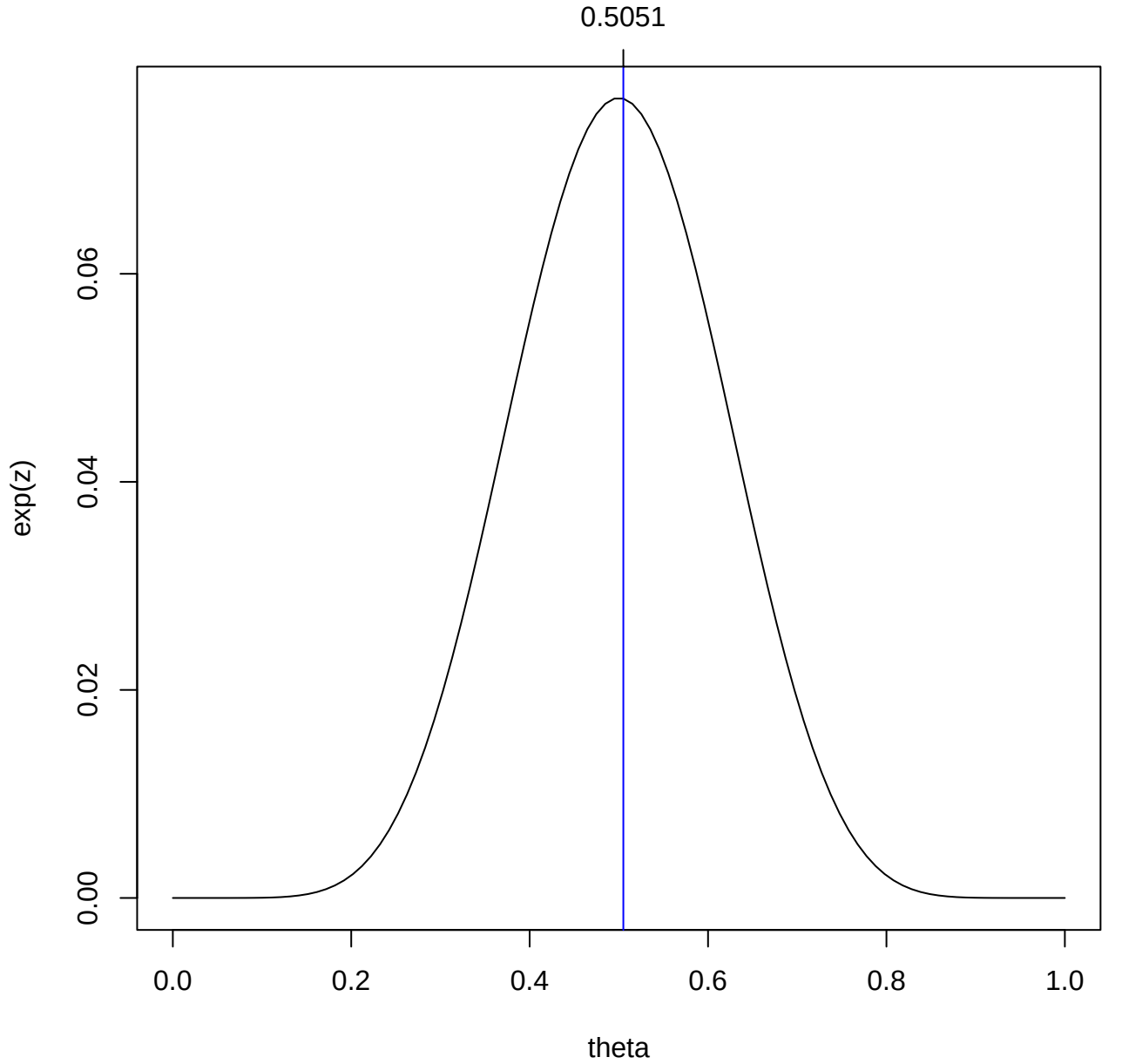

Probability function for Poisson
Probability
0.00
0.02
0.04
0.06
0.08
0
10
20
30
40
y

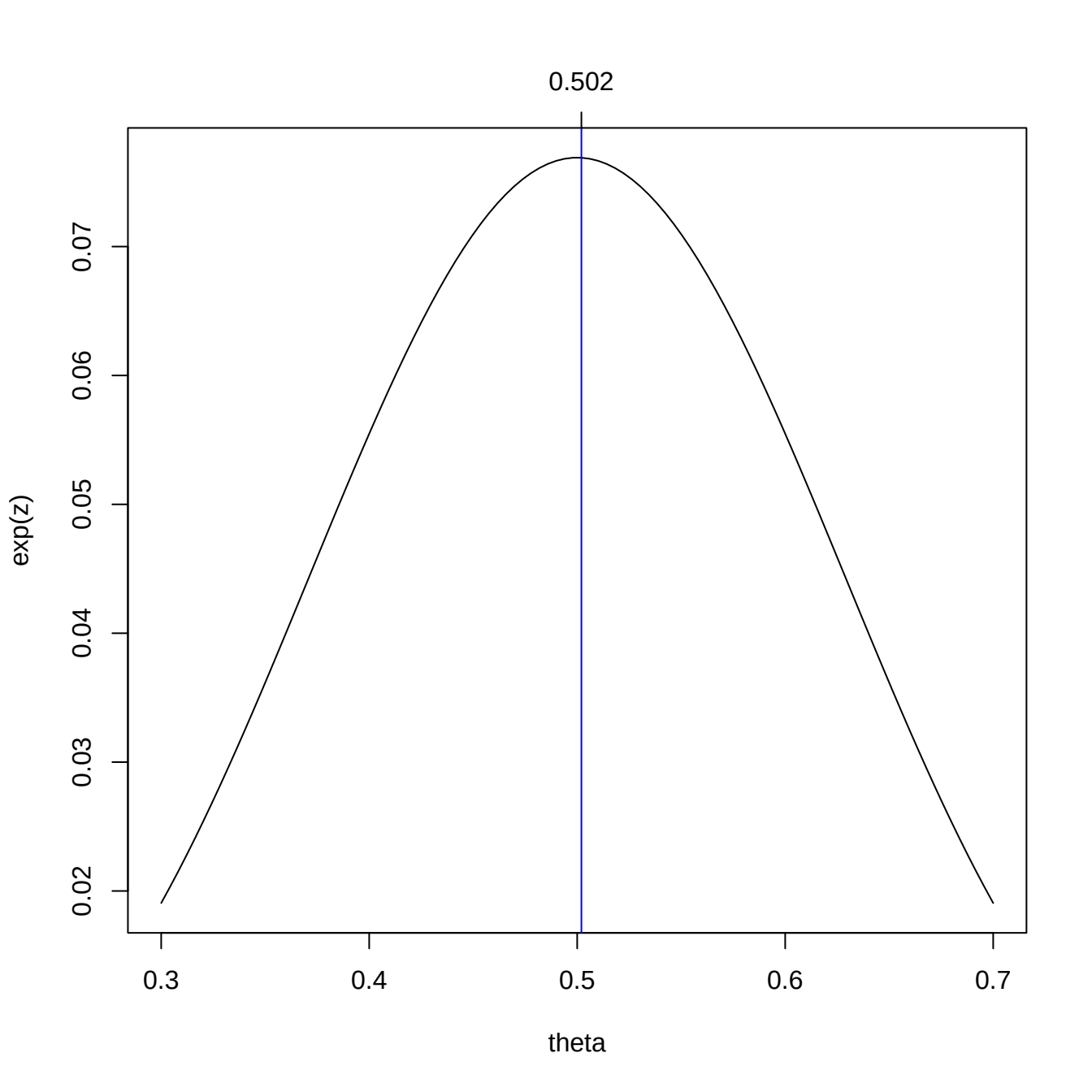

Histogram of sample mean
sample size= 5 iter=100 lambda=5
Density
0.0
0.1
0.2
0.3
0.4
0.5
3
4
5
6
7
Sample mean

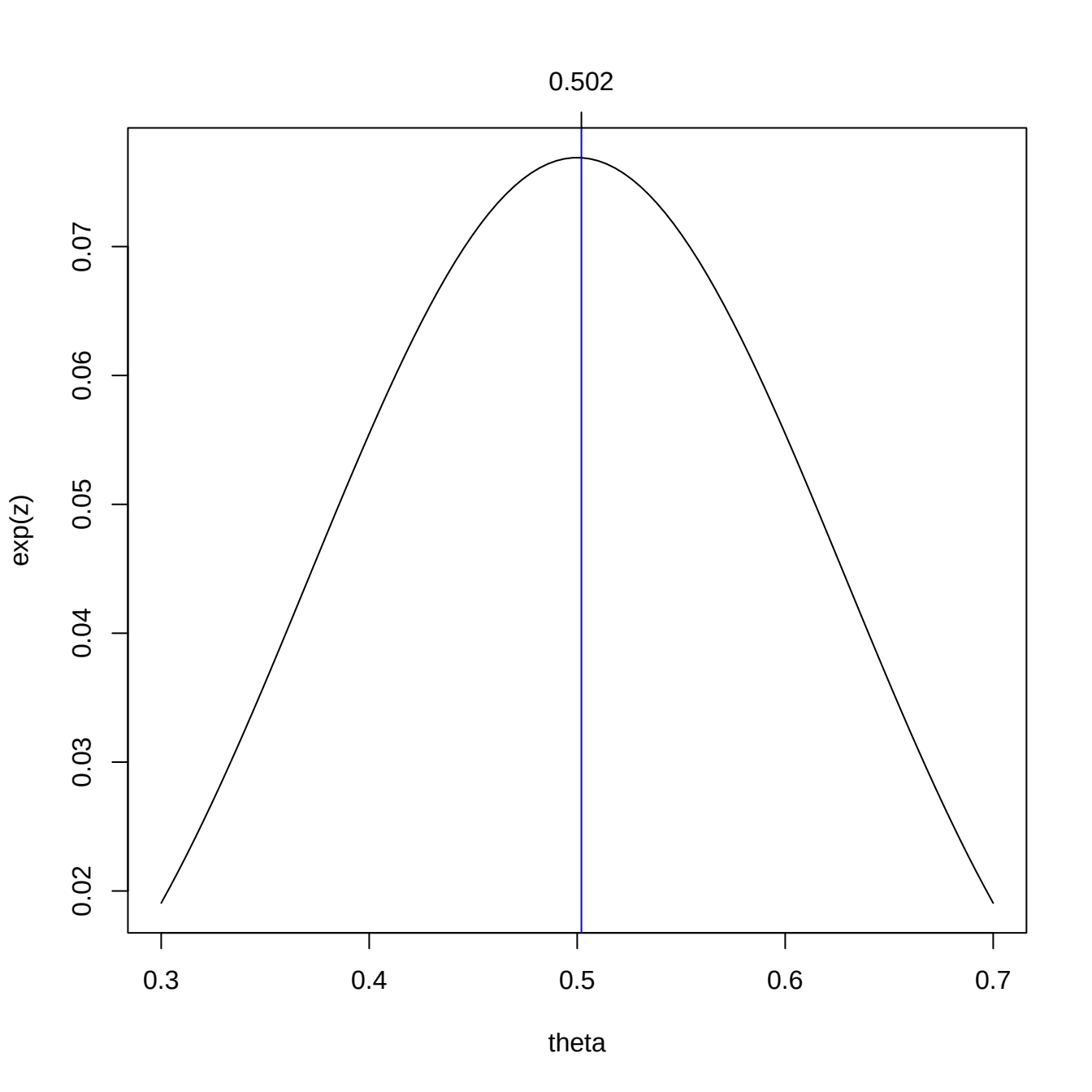

Barplot of sampled y
Rel. Freq
0.00
0.05
0.10
0.15
0
2
4
6
8
10
12
y

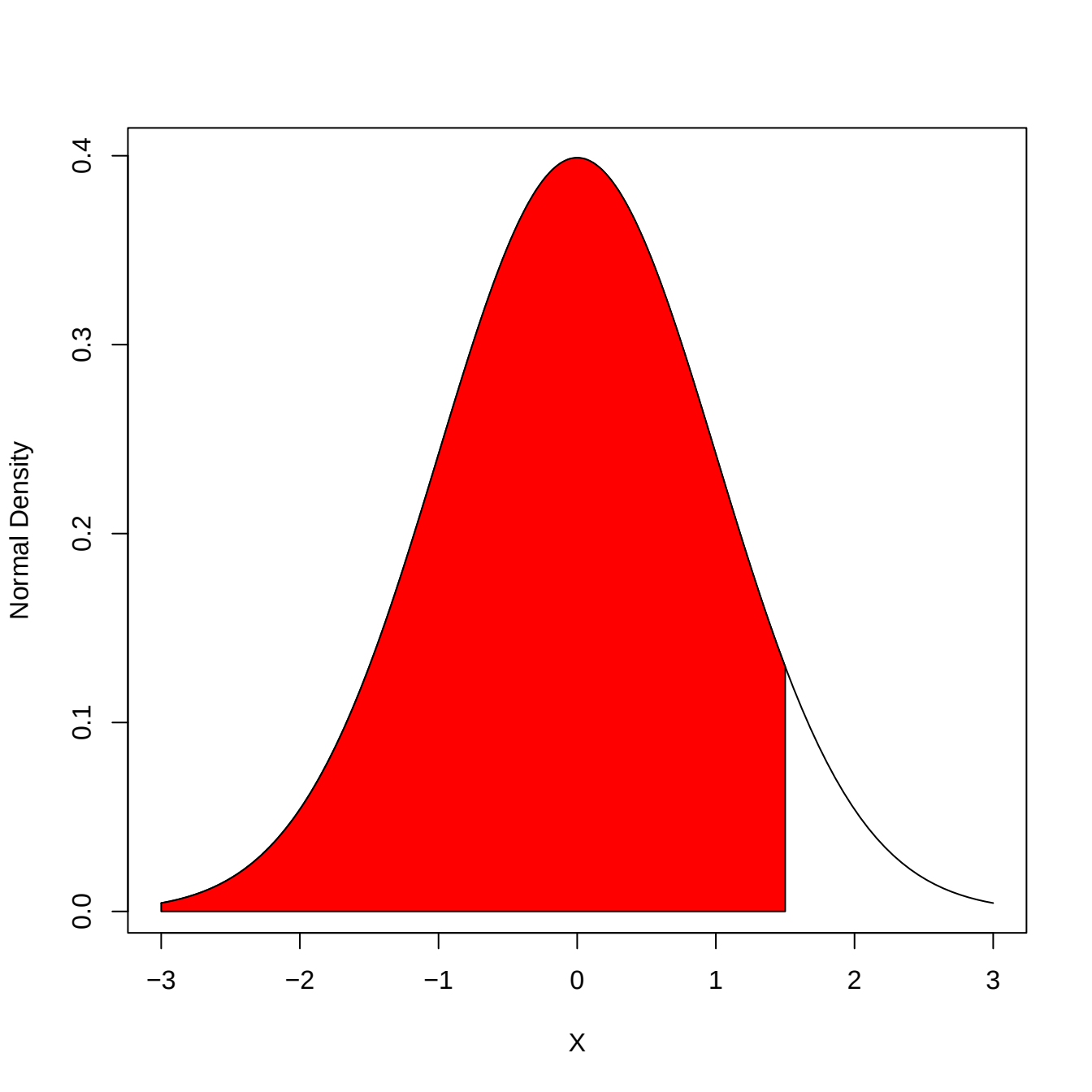

Probability function for Poisson
Probability
0.00
0.05
0.10
0.15
0
2
4
6
8
10
12
14
y

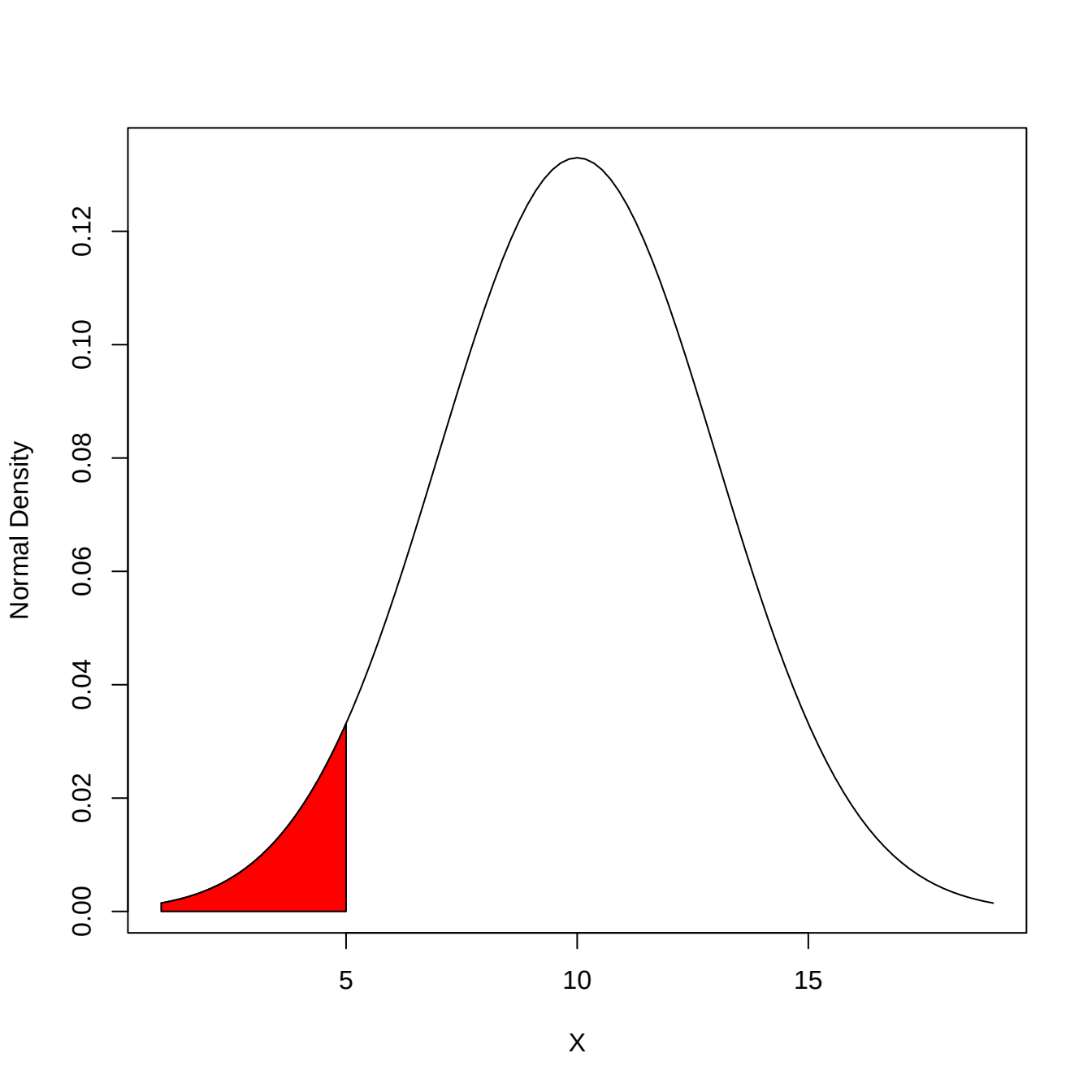

0.5051
exp(z)
0.00
0.02
0.04
0.06
0.0
0.2
0.4
0.6
0.8
1.0
theta

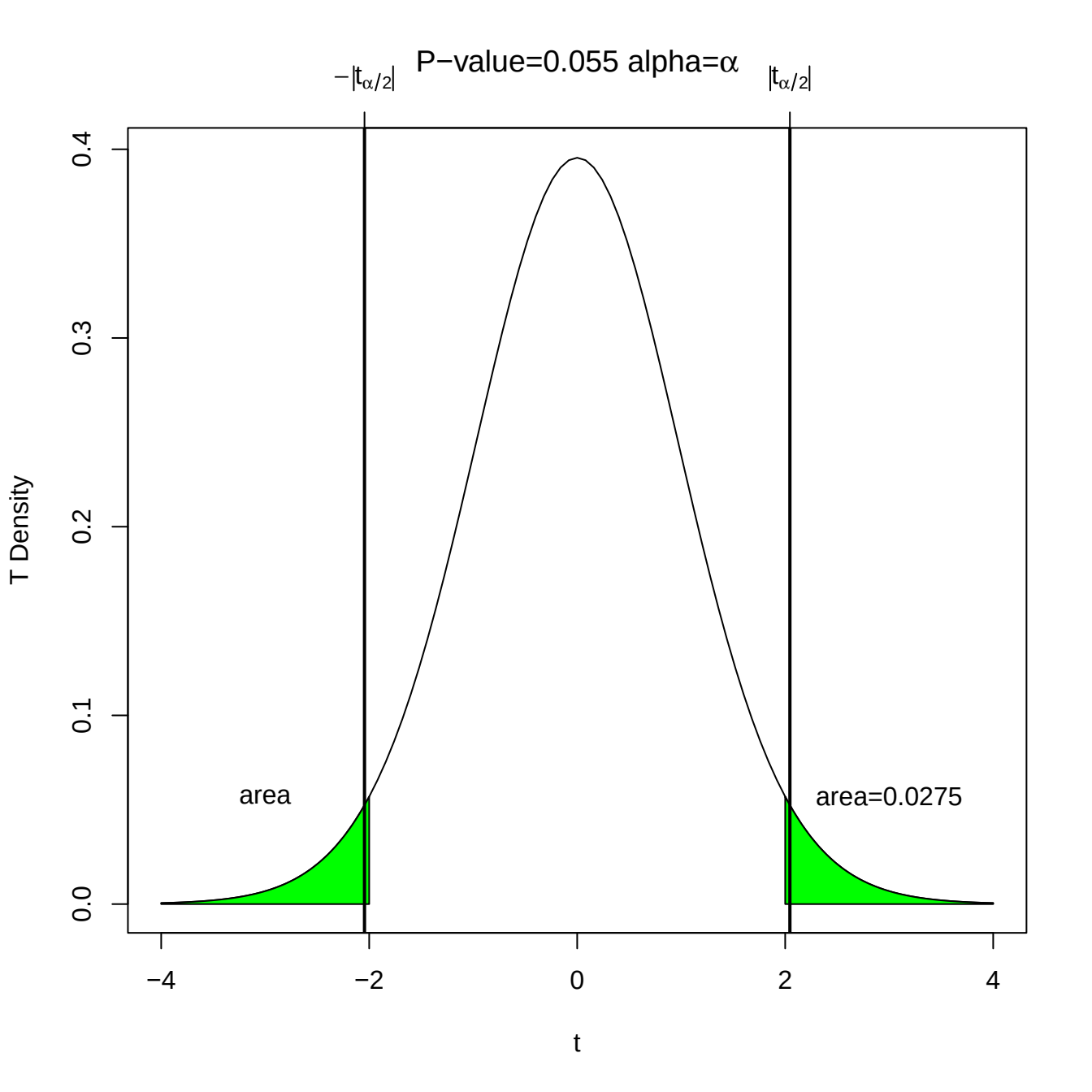

0.5051
exp(z)
0.00
0.02
0.04
0.06
0.0
0.2
0.4
0.6
0.8
1.0
theta

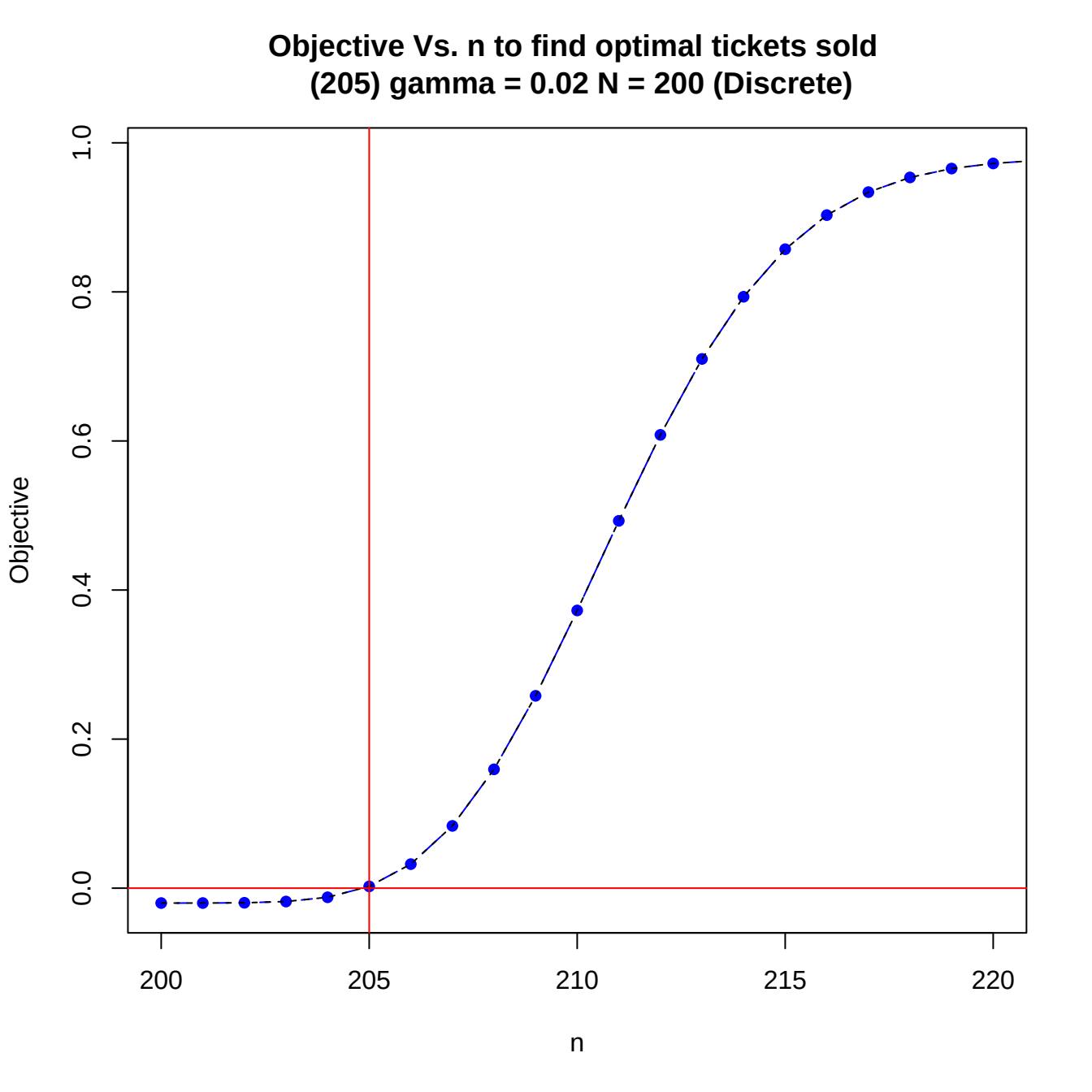

0.502
exp(z)
0.02
0.03
0.04
0.05
0.06
0.07
0.3
0.4
0.5
0.6
0.7
theta

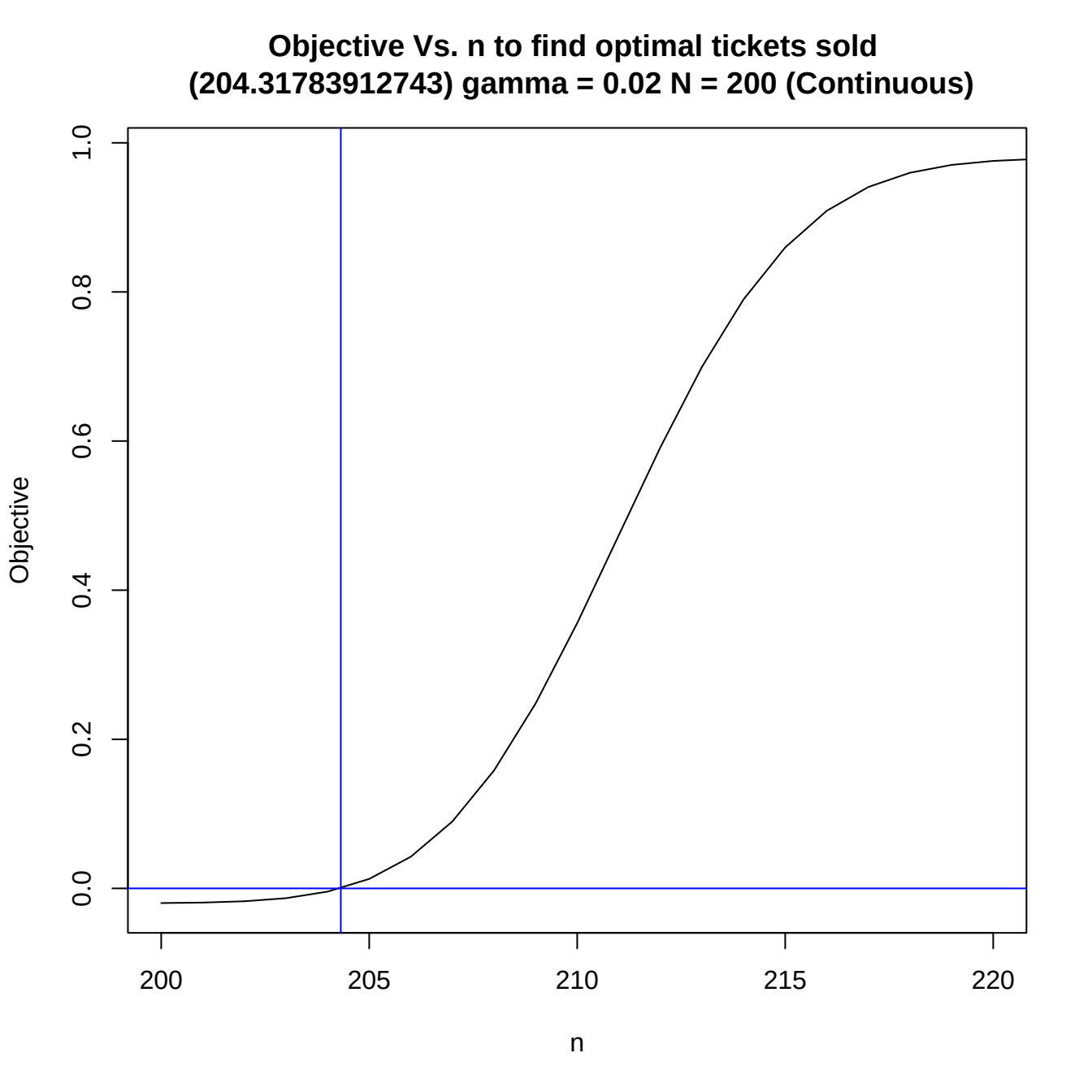

0.502
exp(z)
0.02
0.03
0.04
0.05
0.06
0.07
0.3
0.4
0.5
0.6
0.7
theta

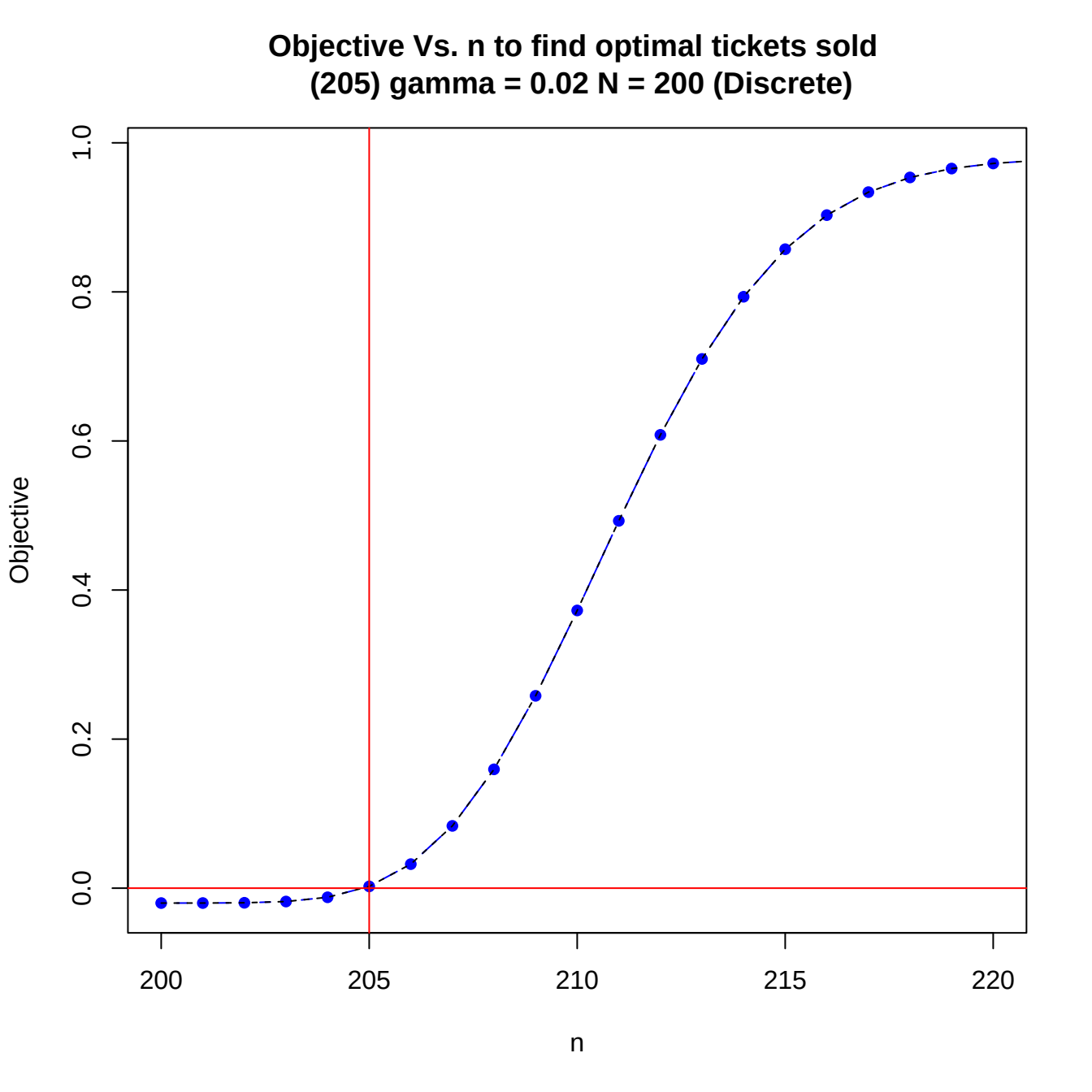

Normal Density
0.0
0.1
0.2
0.3
0.4
−3
−2
−1
0
1
2
3
X

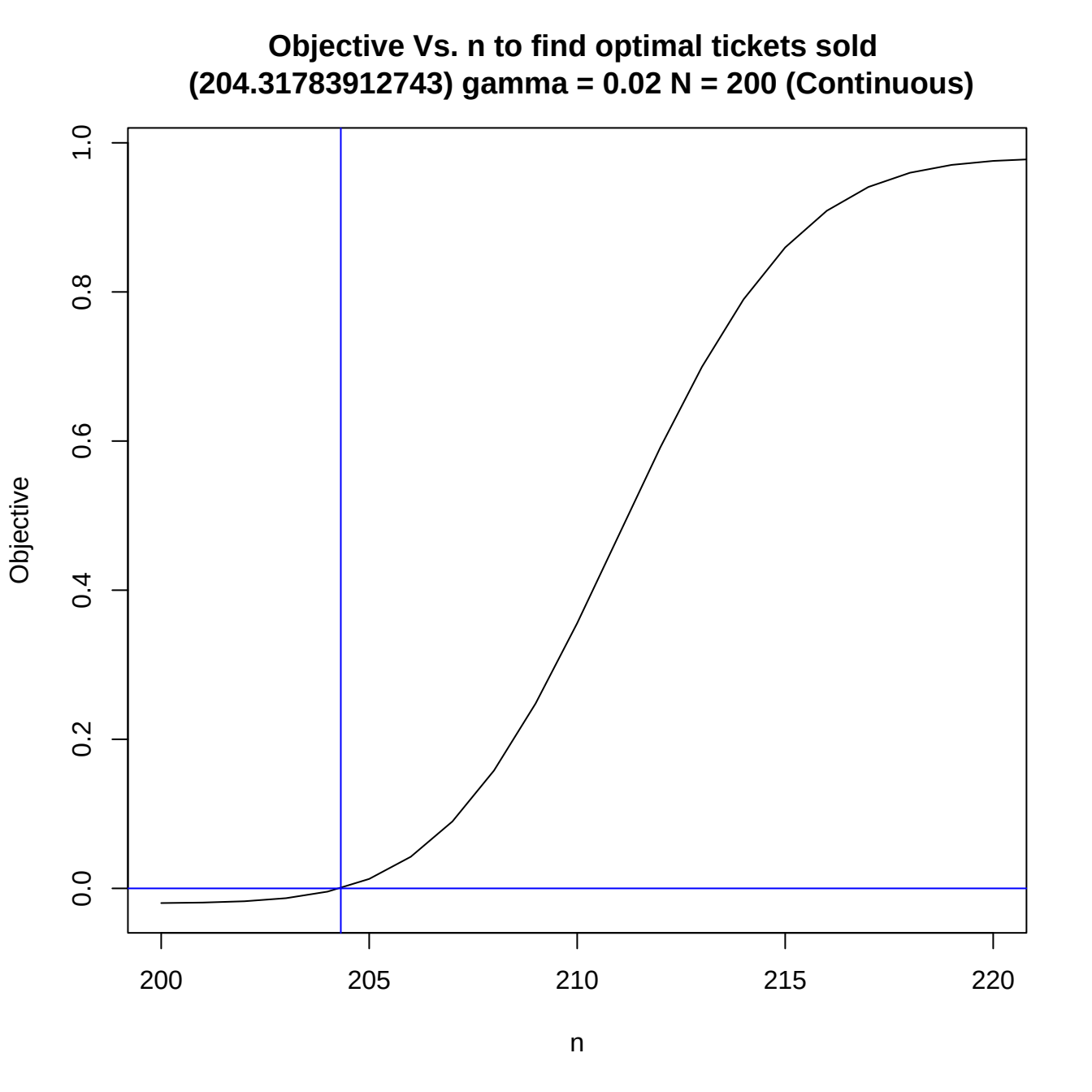

Normal Density
0.00
0.02
0.04
0.06
0.08
0.10
0.12
5
10
15
X


P−value=0.055 alpha=α
−|tα/2|
|tα/2|
area
area=0.0275
T Density
t
0.0
0.1
0.2
0.3
0.4
−4
−2
0
2
4


Objective Vs. n to find optimal tickets sold
(205) gamma = 0.02 N = 200 (Discrete)
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
n


Objective Vs. n to find optimal tickets sold
(204.31783912743) gamma = 0.02 N = 200 (Continuous)
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
n


Objective Vs. n to find optimal tickets sold
(205) gamma = 0.02 N = 200 (Discrete)
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
n


Objective Vs. n to find optimal tickets sold
(204.31783912743) gamma = 0.02 N = 200 (Continuous)
Objective
0.0
0.2
0.4
0.6
0.8
1.0
200
205
210
215
220
n