Histogram of Bootstrap sample statistics
alpha=0.09 iter=10000

help("myboot2")

0.41
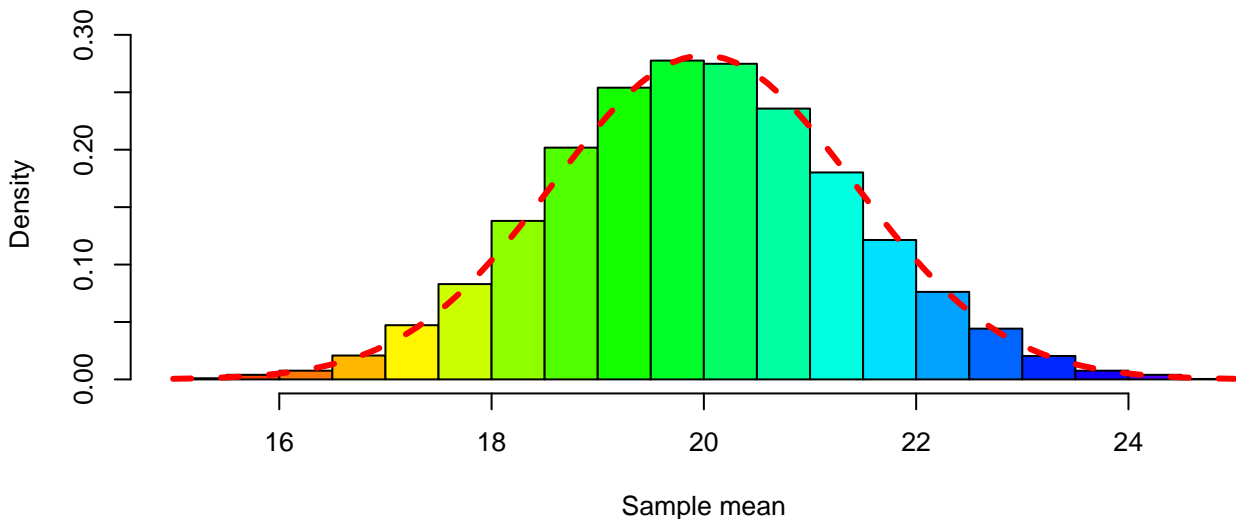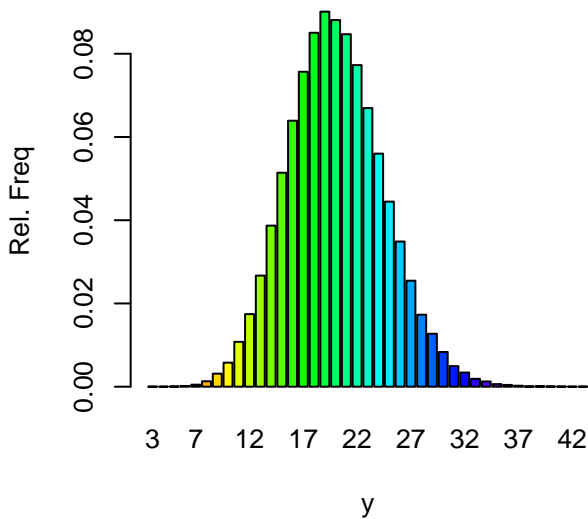
(0.35   0.47)

xstat
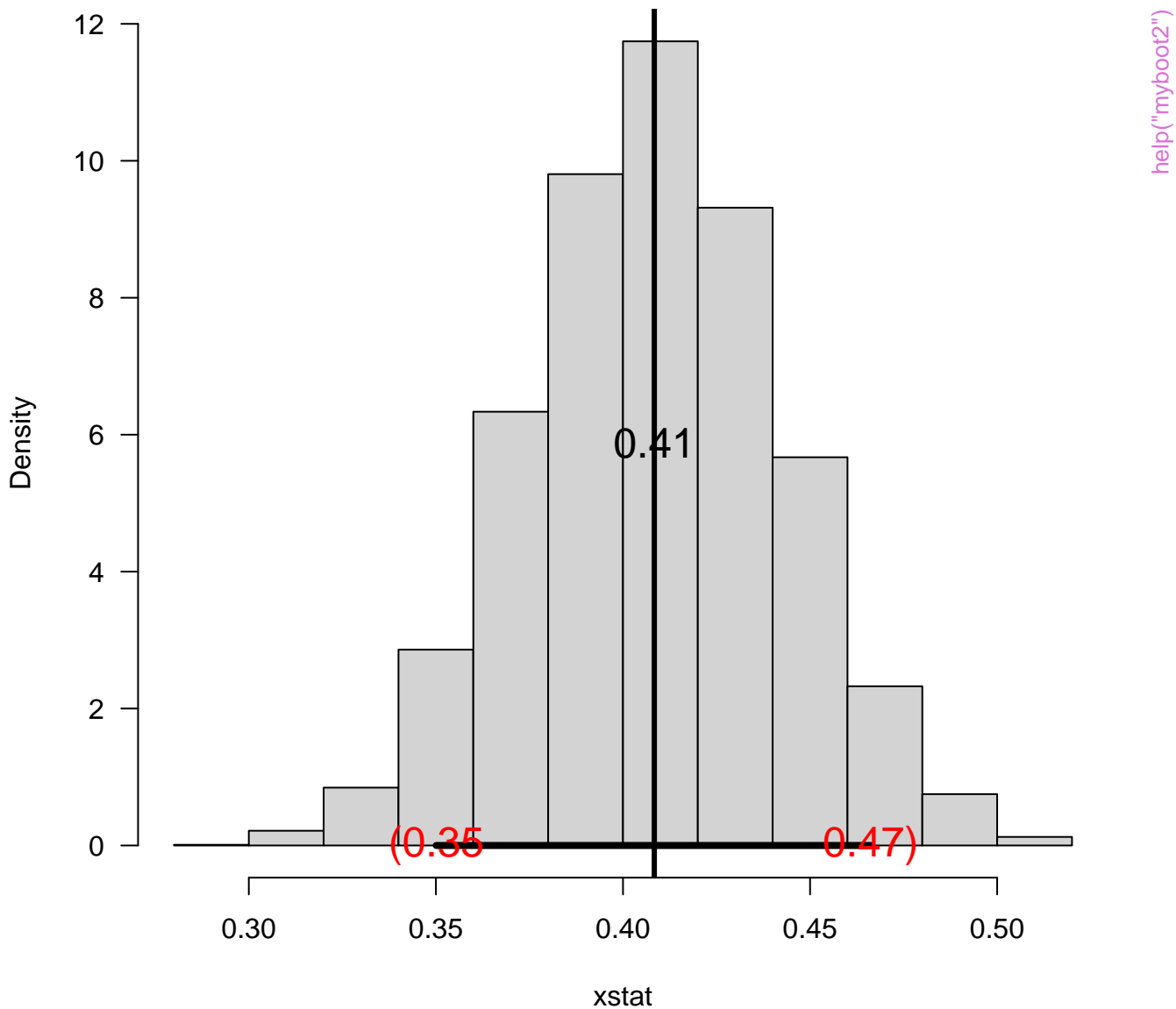
Sample size = $n_1 = 10$ statistic = χ^2

$$\chi^2 = \frac{(n_1 - 1)s^2}{\sigma^2}$$

Simulated
Theoretical

Density

χ^2Statistic

help("mychisim")
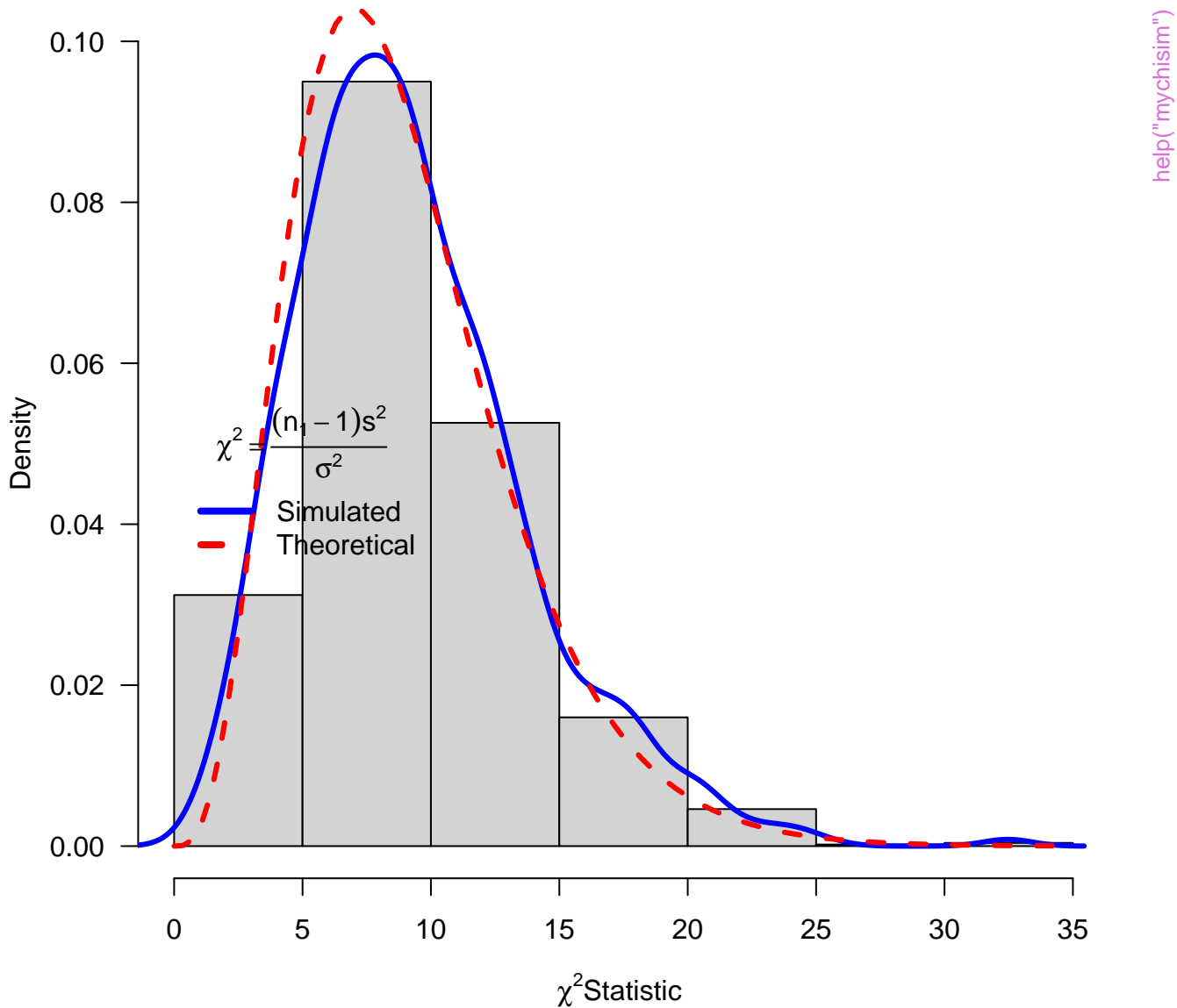
Histogram of sample mean
sample size= 10 iter=10000 lambda=20

Density

Sample mean

Barplot of sampled y

Rel. Freq

y

Probability function for Poisson

Probability

y

L(α,β)

2.98

3.7

Area = 0.7881