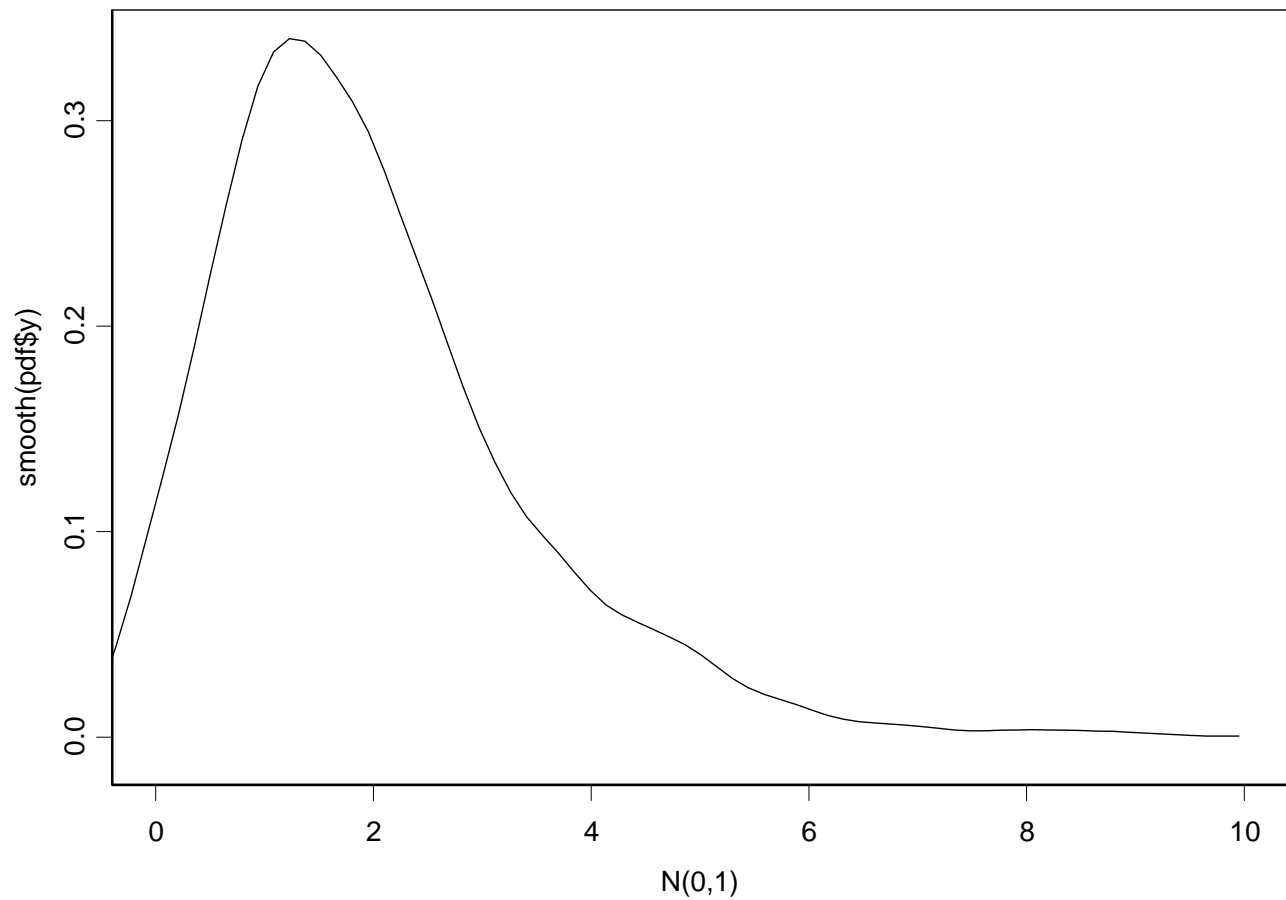
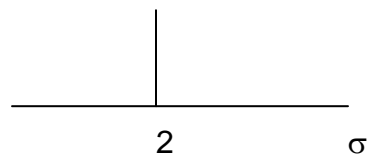
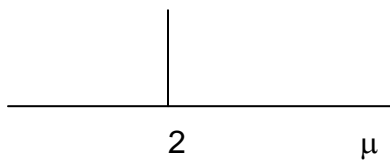


Gamma(2)



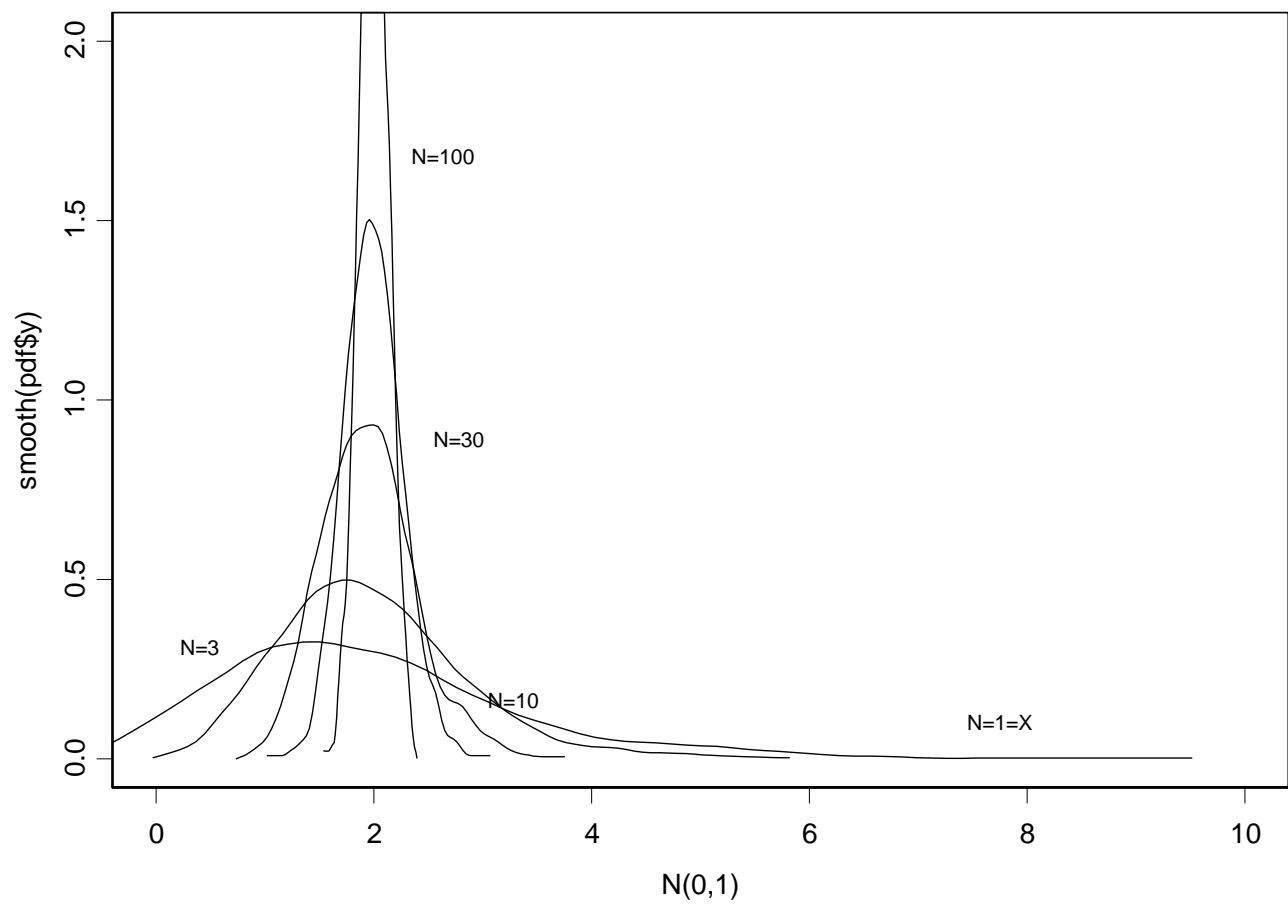
How The mean is 2 and the standard deviation is 2.

This is the “distribution” of the parameters.



How do the sample mean and sample average behave?

Sample Mean for X

Distribution of \bar{X} , Various N (300 simulations)

Sample Standard Deviation for X

Distribution of S_x , Various N (300 simulations)