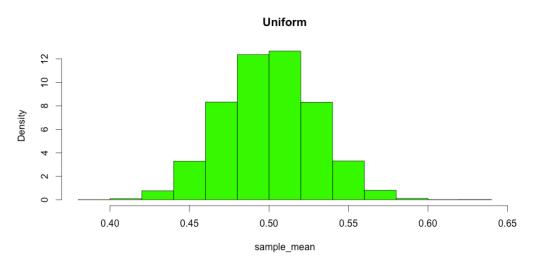
Uniform Distribution:

Parameters:

- Range: 0 to 1

- Population size (N): 1000

Sample size (n): 31



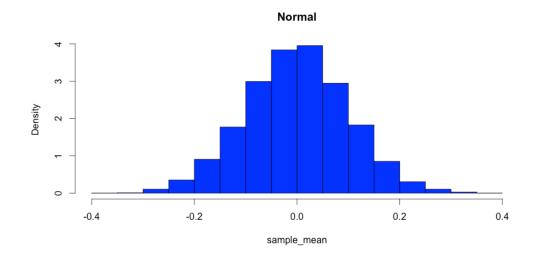
Normal Distribution:

Parameters:

- mean: 0, variance = 1

- Population size (N): 1000

- Sample size (n): 31



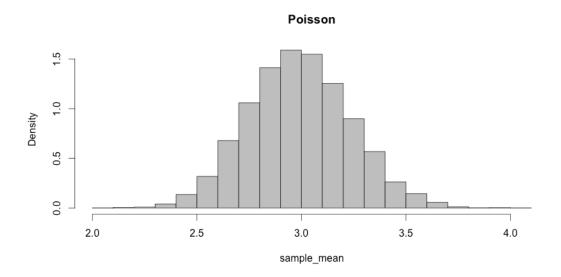
Poisson Distribution:

Parameters:

 $\lambda = 3$

- Population size (N): 10000

- Sample size (n): 101



Binomial Distribution:

Parameters:

P = 0.33

- Population size (N): 10000

- Sample size (n): 101

