Module 4 Assignment 2

Ellen Bledsoe

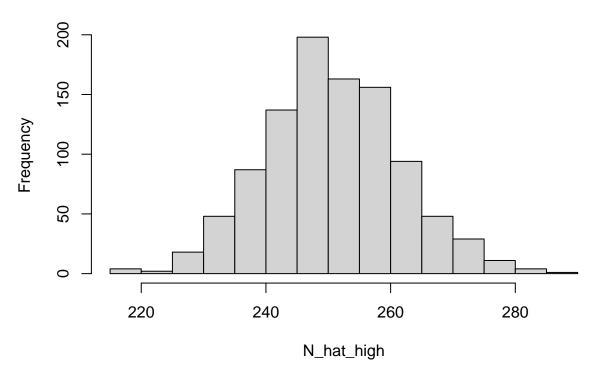
2022-11-08

SIMULATED DATA WILL NOT BE EXACT MATCHES

10.

b. Plot the histogram of this data.

Histogram of N_hat_high

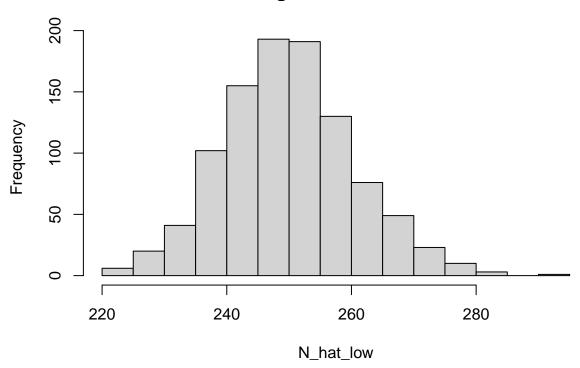


- c. Calculate the bias and precision of the estimate.
- ## [1] 0.7006277
- ## [1] 10.87743

11.

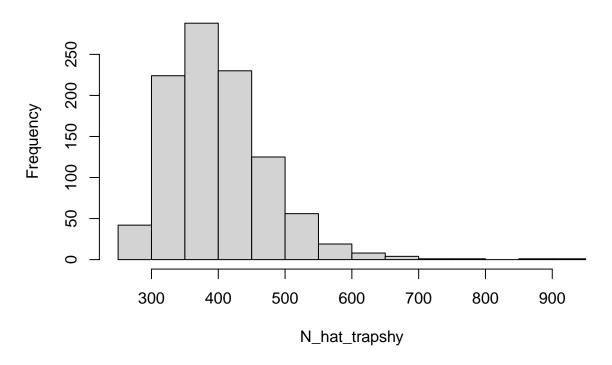
b. Plot the histogram of this data.

Histogram of N_hat_low



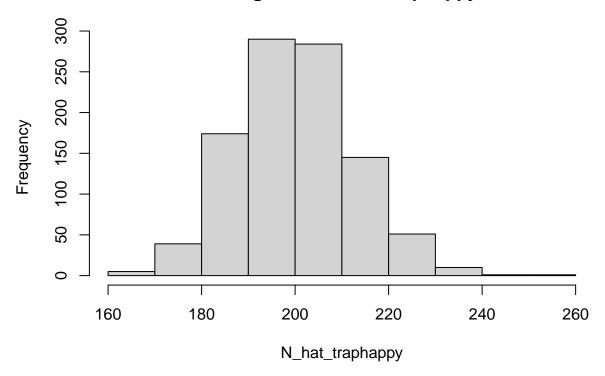
- c. Calculate the bias and precision of the estimate.
- ## [1] -0.1301309
- ## [1] 10.5877
 - 13.
 - b. Plot the histogram of this data.

Histogram of N_hat_trapshy



- c. Calculate the bias and precision of the estimate.
- ## [1] 151.4914
- ## [1] 75.79121
 - 14.
 - b. Plot the histogram of this data.

Histogram of N_hat_traphappy



c. Calculate the bias and precision of the estimate.

[1] -49.85716

[1] 12.48725

17. Estimate the abundance of the population.

[1] 54.76

18.

[1] 36