

Week 4: Histograms

This week, we're learning histograms. In my view, histograms are the most fundamental tool for understanding statistics. At their core, they emphasize the concept of **density**, which is critical for higher-level theoretical statistics. You can find “density” discussed on pp. 38-41 of FPP. You can think of “density” as “how crowded the data are within the bin.”

Histograms, Conceptually Read ch. 3 of FPP and do the exercises.

Histograms, in R Review the chapter “Histograms” from the notes (currently ch. 4) and do the review exercises throughout. If you find the videos helpful, there's one where I work through the notes.

Finishing Up Make sure you have completed the entire assignment. Then complete the HW questionnaire, quiz, and letter on Canvas. These are due by Friday at 11:59pm. Please remind yourself of the standards of academic honesty as you complete the graded assignments.