MATH108: Elementary Stats

Fall 2023

Homework 01

Homework is DUE before class on the day indicated on the course schedule.

Learning Objectives:

- Identify samples vs populations of interest
- Distinguish between different sampling techniques
- ID variable types

Part 1 – Practice

In the back of chapters 1.2, 1.3, and 1.4, do the following problems. Please write up your answers neatly in a word document and organize them by problem.

Remember to label your answers. For example:

> Problem 1.1) a) The sample is X.
> b) The population is Y. The sample cannot be used to infer …

Problems: 1.3, 1.4, 1.13, 1.15, 1.23, 1.24, 1.26, 1.30, 1.37

Part 2 – Reflect

In a paragraph or so explain:

a) What do you think are the top 3 things you were supposed to learned last week?
b) Which topic from the past week felt most difficult to learn? What steps did you take to help learn it?
c) What were you most excited to learn last week?

Submission

Save your work as a PDF and submit through PLATO.