Exam 1 Review

Exam 1 Info

- On LearningSuite (do NOT go to the Testing Center)

- Open anything we have provided for you in class: your notes, lecture notes, past HW, past in-class analyses, past mini-projects and tutorial videos.

  - NO google or ChatGPT

- CLOSED OTHER PEOPLE (must do it on your own)

- Video proctoring (you must take on a computer with a webcam)

- MUST COMPLETE IN 1 SITTING (no saving and exiting)

- Everyone can take up to 2 versions of the exam and we keep the high score among the two.

- After version 1 closes, you will be able to see which questions you missed and you can talk to TAs or instructors about them.

Exam Policies

Please note, there are actually 4 Exam 1's on LearningSuite. Two of these are password protected and flagged as accommodations exams and are ONLY for those who have an accommodation through the University Accessibility Center (UAC) or the Athletics Office.

- If you do NOT have a letter from the UAC (this is most of you), you will take the two non-accommodations exams at the due dates specified on LearningSuite.
  - Version 1 - Energy & Credit Carts open 02/24-02/25
  - Version 2 - Alzheimers & Parental Education open 02/26-02/27

Exam Policies Cont'd

- If you DO have a letter from the UAC OR Athletics and wish to use those accommodations, email stat121-accommodations@byu.edu and arrange to take the accommodations exams with reasonable extensions that correspond to your letter (usually 2ish day extension). According to accommodations letters, we MUST receive notification of your intent to use the accommodations BEFORE the regular exam closes.
  - Accommodations Version 1 - AirBnb & Telco
    - Email us before 11:59pm 02/25
  - Accommodations Version 2 - Covid Cases & Billionaires
    - Email us before 11:59pm 02/27

What I Would Study

- Miniprojects 2 & 3
- Concepts in Unit 1 – sample designs, biases, confounding
- What the t-distribution and sampling distribution of z are intuitively.
- Notation for population model (for example Y ~ N(μ, σ))
- Interpret p-value and test statistics (z and t)
- Impact of Conf level, samp size on margin of error (CI width)
- Probabilities/Percentiles from normal dist
- "AND/OR" probabilities under independence

Practice

For today, lets work on the online Practice Exam 1:

- Doesn't count toward your grade

- Take it as many times as you want

- After you submit, you will see the questions you missed.

- If you miss a question, please ask and we'll explain the question (LS won't show you the right answer - this is on purpose so you can come learn what you did wrong)