

CEPC 0904
Brown University
Summer 2021
Professor Jack Hester

Preparing for Quiz 2 (Prob, Stats, and EDA)

There is a lot of material on Quiz 2, so hopefully this document will help you better prepare for it.

Quiz 2 covers most of the content from week three and focuses on probability, statistics, and exploratory data analysis. The best way to study is by watching the week 3 lectures (see <https://cepc-0904.jackhester.com/lectures.html>), reading the related lecture notes (see https://cepc-0904.jackhester.com/documents/lecture_notes/stats_guide.pdf), completing HW 4, and taking notes along the way. The quiz will NOT cover the Zotero, finding data, or quant/qual research lectures, and will NOT require you to code in R. It will not cover any material after HW 4 either. Anything else we've covered in the lectures/lecture notes during week 3 is fair game.

As with quiz 1, it is open note. You will also have the opportunity to share your notes ahead of time for extra credit as with the first quiz. If you wish to do so, please submit those to Canvas no later than 11:59pm EDT on July 20, 2021. You are not required to upload them, but I recommend you bring notes with you to the quiz; however, as a reminder, you CANNOT use the lectures, lecture notes, or other online materials while you take the quiz.

The quiz will be open the day of the 21st, from 12:00am to 11:59pm EDT. The quiz will be timed, but you should have plenty of time to answer questions as best you can. I understand that there has been a lot of content this week. Take notes and complete the assignments, but don't worry too much about this quiz. In a typical statistics class, you can spend months diving into this content so it's ok if you don't absorb 100% of the content or don't get a perfect score on the quiz. This is typically the most difficult week and quiz for students, and the course shifts almost entirely to project work after this module. That being said, if you could answer all of the questions on HW 4, you should be fine. Good luck!