Homework 07
Sections 4.2 - 4.5

STAT 5700 - Probability

Instructions

- Homework problems come from the 7th edition of the text *Mathematical Statistics with Applications* by Wackerly, Mendenhall, and Scheaffer, as well as (potential) additional problems provided by the instructor.
- You are responsible for understanding the concepts covered in all problems listed in a homework assignment, but only even-numbered problems should be turned in.
- Be NEAT and show work to support your answers. Points will be deducted if your answer is not adequately supported or the work cannot be readily followed.
- You are encouraged to work together on homework assignments, but each person must write up and turn in their own work and solutions.
- You will turn in this assignment by scanning your work and uploading a single pdf to Blackboard.
- Note there is a corresponding R Lab (Lab 07) that will be due at the same time as this assignment (HW 07).

Problems to do (responsible for content, but not collected/graded)

- Section 4.2: 5, 9, 11, 17, 19

- Section 4.3: 21, 33

- Section 4.4: 39, 43, 53

- Section 4.5: 59, 73 (can use R for these)

Problems to submit

- Section 4.2: 2, 8, 18

- Section 4.3: 22, 30ab (skip c)

- Section 4.4: 40, 42, 48

- Section 4.5: 62 (can use R), 80