

Homework 08

Sections 4.4 - 4.6

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.

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

- Section 4.4: 39, 43, 53
- Section 4.5: 59, 73 (can use R for these)
- Section 4.6: 89, 93, 109
- Supplementary exercises: 165

Problems to submit

- Section 4.4: 40, 42, 48
- Section 4.5: 62 (can use R), 80
- Section 4.6: 96abc, 104, 110