

# Math 147B - Elementary Statistics - Fall 2022

## Homework 12

This homework set will NOT be collected for grading. They assignments are meant to give you the opportunity to practice. The problems are odd-numbered, so you can check whether you got the solutions right.

### Part 1: Midterm 3 practice problems

Exercises Ch.18 on p.565: Problems #25, #31, #41

Exercises Ch.19 on p.591: Problems #5, #15, #27

Do NOT do the review excercises on p.597!

Exercises Ch.20 on p.636: Problems #9, #23, #25, #37, #41

Exercises Ch.21 on p.666: Problems #1, #13, #15

Exercises Ch.22 on p.698: Problems #5, #9, #13, #23

Exercises Ch.23 on p.736: Problems #1, #3, #7, #9, #23, #41

Do NOT do the review excercises on p.749!

### Part 2: Multiple regression practice problems (For the final, NOT for Midterm 3)

Exercises Ch.9 on p.305: Problems #5, #15, #17, #23

Do NOT do the review excercises on p.313!

Exercises Ch.23 on p.736: Problems #13, #15, #39

Do NOT do the review excercises on p.749!

Note that the page number references are taken from the instructor's edition and they may be slightly off.

Your TA decides whether s/he accepts hand-written solutions or whether your answers to the textbook exercises must be typed by computer. Note in any case that it would be easiest and fastest to use a program like Excel or StatCrunch to create box plots, etc.

Note on SDM homework: You will find assignments **published in advance for the entire semester** at the SDM (Pearson MyStatLab) website. They will not be graded and their purpose is to provide you with additional opportunities for practicing. This is true in particular for the assignments dealing with topics which we do not address in this course. You are encouraged to do enough of the problems to become sufficiently familiar with the use of statistical software.