

# Math 148 - Elementary Bio Stats

## Spring 2018 Homework 05

Exercises Ch.8 on p.238: Problems #6, #8, #18, #30, #32, #36

#32 is modified as follows: Instead of "How strong is the evidence that SAT Score is a good predictor of GPA?" answer the following: "How does the plot shown compare to the one you would get if your response variable was 'GPA' and not 'mean GPA'?"

Exercises Ch.10 on p.290: Problems #2, #4, #12, #14, #16, #34

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

**all answers to the textbook exercises must be typed by computer**, except that you may do drawings by hand (**use a ruler!**). Note though that it would be easier and faster to use a program like Excel or StatCrunch to create box plots, etc.

Note on DVB homework: Assignments MATH-148-CH-09, MATH-148-CH-10, MATH-148-CH-11 have been published concurrently with this assignment. 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 for ch.9. This chapter is entirely about re-expression, a topic we do not address in this course.