

# Math 148 - Elementary Bio Stats

## Fall 2019 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 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 of ch.9, which is entirely about re-expression, a topic 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.