Third Midterm Exam Review – Math 17/ENST 24 – Introduction to Statistics

Exam: Monday, May 2nd from 7-9 pm in SM 207

The exam is written to take one hour, but you have two in which to take it.

Material: Chapters 7-8, 9-10 (selected parts only), 26, 27, 28

Instructor Provided: t table, chi-square table

Student Provided: Calculators, a single (one-sided) page of notes, writing utensils

Note you will NOT need the test/CI stuff from 19-25 for this exam. You should still be able to interpret test statistics, standard errors (like of the slope estimate) and p-values.

Expect: 4 questions with multiple parts (see example exam)

Rcmdr output may be provided that you will need to use. If you have problems reading the output please ASK for help during lab, or while studying… i.e. I will not answer those questions during the exam.

Suggested Review:

Labs and class handouts from after the second midterm

Practice exams posted online

Part Reviews:

Part II Review: 2, 3, 11 (skip fg), 17

Part VII Review: 3, 7, 13, 21

Chapter 28 for ANOVA: 11, 13

Main Concepts:

ANOVA and multiple comparisons

Regression – scatterplots, correlation, R-squared, obtaining a line, making predictions and extrapolation, inference about slopes, regression assumptions

Chi-square Tests – all three tests