Homework 2
Psychology 313

Instructions. Answer the following questions. Show your R code, your input, and your output. Feel free to email me for hints if you get stumped.

1. (15 points). ALR Problem 2.1

2. (15 points). ALR Problem 2.13

3. (15 points). ALR Problem 2.19

4. (10 points). Suppose you have $n = 82$ observations on X and Y. Using the noncentral F calculator in R, estimate the power of the test that $R^2 = 0$ if, in fact, the true R^2 is equal to .09. Assume $\alpha = .05$.