

## Math 505 Lab 3

1. For the data set from Lab 2, verify that the standard errors,  $t$ -values,  $p$ -values,  $F$ -statistic, and the  $p$ -value for the  $F$ -test in the model summary are correct. That is, calculate these quantities directly in R without using the `lm` command, and verify that your calculations match those given in the model summary.