

## Stat 302: Assignment 2

Fall 2022

Due on Tuesday October 18, 2022 by 11.59 pm

### **Important Information:**

1. You must submit your assignment on time. Failure to do so results in an assignment grade of zero.
2. The assignment questions correspond to the 2<sup>nd</sup> edition of the textbook STAT2: *Modeling with Regression and ANOVA*. If you are using some earlier edition, it is your responsibility that you answer the intended questions.
3. There are 7 questions. Answer all questions.

Q1: 2.40 (Data set attached in the zipped file)

- Show your workings along with your answers (R code, R outputs and answers / Interpretations)

Q2: 3.2

Q3: 3.8

Q4: 3.10

Q5: 3.18 (Data set attached in the zipped file)

- Show your workings along with your answers (R code, R outputs and answers / Interpretations)

Q6: 3.22

Q7: 3.32 (Data set attached in the zipped file)

- Show your workings along with your answers (R code, R outputs and answers / Interpretations)