

**STA 3032 Homework 5**  
**Due on October 24, 2022 at 11:59 p.m.**

**Instructions:**

- Submit the following file to the relevant dropbox on course website.
  1. **One single pdf file** of your report showing your steps, answers, and R output if necessary. This file should be named `HWx_Last.pdf`, where *x* is the homework number and *Last* is your last name (e.g., HW1\_Lee.pdf).
- **No late homework will be accepted.** Make use of the dropping policy stated in the syllabus if you are unable to meet the deadline.
- In the following, WMMY refers to our textbook by Walpole, Myers, Myers, and Ye.

**Assignment:**

Show your R output for Problems 1, 2, 4, and 5.

1. WMMY Exercise 8.37.
2. WMMY Exercise 8.40.
3. WMMY Exercise 8.41.
4. WMMY Exercise 8.47.
5. WMMY Exercise 8.51.
6. WMMY Exercise 8.64.
7. WMMY Exercise 9.2.
8. WMMY Exercise 9.6.
9. WMMY Exercise 9.12.