Homework 2
DS502/MA543

So that everyone in the class has the maximum access to background material Homework 1 will focus on problems from the book. Your answers will be graded both on your **demonstrated understanding** of the concepts **from the book** and **from the class,** as well as the **clarity of your explanations**.

Please bring the written portion of your answers in **hard copy** to class on Tuesday, October 4. Please make sure that both team member names appear on the submission and that every submission is **stand-alone (i.e., does make the grader read or run your code)**! In addition, for any problem on which you write code, plus submit your code **by email** to the TAs Chong Zhou (czhou2@wpi.edu), and Binod Manandhar (bmanandhar@wpi.edu) **before the start of class** on **_Tuesday, Oct 4_**. You will **not be graded your programming style**, but having access to your code will allow us to more easily give **partial credit**. You are also welcome to use any of the R scripts in the book. To keep things organized, please send your R files to Chong and Binod using the following naming convention:

<Last name person 1>_<First name person 1>_<Last name person 2>_<First name person 2>_HW1_<question number>.R

For example, if Chong and Fatemeh were a team, the file containing the code for problem 4 would be named:

Zhou_Chong_Emdad_Fatemeh_HW1_4.R

Homework questions

1. (5 points) Section 4.7, page 168, question 1

2. (10 points) Section 4.7, page 169-170, question 5

3. (5 points) Section 4.7, page 170, question 8

4. (15 points) Section 4.7, page171, question 10

5. (15 points) Section 4.7, page 171-172, question 11

6. (10 points) Section 5.4, page 197, question 1

7. (10 points) Section 5.4, page 197, question 2

8. (15 points) Section 5.4, page 198, question 5

9. (15 points) Section 5.4, page 199, question 6