

STA 6923 Homework 3, Fall 2021

Due date: Tuesday, September 28, 11:59 pm

Instruction: Answer your questions item by item. Write your conclusions clearly and concisely. You need to provide two files as follows.

- Your R code file, with comments on your code
- Your full homework report, written by R markdown pdf (or html) file. Before each output, you should keep your code line as well by using "Echo = TRUE", or you can define it in the beginning.

From text book (ISL)

Chapter 2, page 52:

- Conceptual problems:
 - 5, 6, 7

Chapter 3, page 120:

- Conceptual problems:
 - 1, 2, 3, 4, 5
- Applied problems:
 - 8, 9, (In parts (e) and (f), you only need to try a few interactions and transformations)
 - 11