UCLA Department of Statistics
STATS 402 Homework 5

Instructor: Jingyi Jessica Li

Due date: Thursday, October 27, 2016 at the beginning of class

Please staple your homework and write down your name and UID clearly.

Please answer the following problems in Chapter 6 and Chapter 7. For data analysis questions, please use **R**. For relevant **R** codes, please submit them by the deadline to the CCLE website at https://ccle.ucla.edu/course/view/16F-STATS402-1?section=0.

- 6.1

- 6.2

- 6.5 (For part (a), please make the scatterplot matrix and the correlation matrix based on Y, X_1 and X_2.)

- 6.6

- 6.7

- 6.8

- 7.1

- 7.3

- 7.12