

UCLA Department of Statistics

STATS 402 Homework 8

Instructor: Jingyi Jessica Li

Due date: Thursday, November 17, 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 10](#) and [Chapter 11](#). 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>.

- 10.13
- 11.6
- 11.9
- 11.11
- 11.25 (About how to make contour plots in R, please refer to <https://plot.ly/r/contour-plots/>)
For c):
 - X_{h1} : 6, 7, 8, 9, 10, 11, 12, 13, 14
 - X_{h2} : 20, 20.5, 21, 21.5, 22, 22.5, 23, 23.5, 24
- 11.26
- 11.29