

Homework 9

S520

Upload your answers as a PDF or HTML through the Assignments tab on Canvas by 4 pm, Thursday 31st March.

Trosset question numbers refer to the hardcover textbook. Draw all graphs in R and include all R code. You may work with others, but you must write up your homework independently — you should not have whole sentences in common with other students or other sources.

1. (5 points.) Trosset chapter 11.4 problem set B part 3
2. (10 points.) Trosset chapter 11.4 problem set C parts 1–3
Data: <http://mypage.iu.edu/~mtrosset/StatInfer/Data/cholesterol.dat>
3. (10 points.) Trosset chapter 11.4 problem set D.
Data: <http://mypage.iu.edu/~mtrosset/StatInfer/Data/globulin.dat>
4. (5 points.) Trosset chapter 11.4 problem set E, part 3. Note: For this question, you will be graded primarily on accurate statement of assumptions, explanation, and interpretation.
Data: <http://mypage.iu.edu/~mtrosset/StatInfer/Data/films.dat>