

# Homework 9

STAT 625 Fall 2022

Due November 1, 2022, 12:30pm

## 1 Reading

- Read Chapter 10 of the text.

## 2 Primary Questions:

Turn these in for your homework, or substitute some of the challenge questions below.

\*hint\* some of these problems may be easier to write by hand. If you have a way to capture your writing electronically with another application, you may include imported graphics in your knitted file using syntax like:

```
““{r foo, out.width="100%", fig.cap="An example image."}  
knitr::include_graphics("foo.pdf")  
““
```

1. Weisberg problem 8.4 (2 parts)
2. Weisberg problem 9.3 (3 parts)
3. Weisberg problem 9.11 (1 part)
4. Weisberg problem 9.16 (1 part, counted as 2 parts)

## 3 Extra Credit:

This question can give you total points greater than 100%.

5. Weisberg problem 9.19 (1 part, counted as 4 parts)

## 4 Challenge questions:

6. Weisberg problem 8.5 (5 parts)
7. Weisberg problem 9.4 (3 parts)
8. Weisberg problem 9.7 (1 part)
9. Weisberg problem 9.9 (1 part)

## 5 Pre-lecture Check

Complete this week's timed pre-lecture check on **gradescope** by Thursday at 10am.