Lab 11 Stats I Peer Review

Your assignment is to review your peer’s 1) submitted graphs and calculations, and 2) submitted answers to bold questions.

**See Canvas for deadline**

Turn in a Word document labeled with your name (“Save As” this file) containing your review that contains completed items below and answers to the following questions. Please answer in complete sentences and include in your answers comments on what your peer did well and what could have been improved (constructive suggestions).

Reviewer Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of student whose files you reviewed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Is your peer’s Excel spread sheet laid out in a way that is easy for you to follow?

2. Did your peer use Excel to do the calculations, or simply write in the answers?

3. Did your peer use functions in Excel such as countif(), countifs(), sumifs(), etc to do the calculations?

4. If so did they use $ to fix cells, rows or columns in an effective way?

Look at the detail of the calculations done by your peer:

5. Did you arrive at the same result for sample sizes, range and averages for males and females?

6. If not, figure out what your peer did differently from your own work.

7. Did you arrive at the same conclusion and result for question I.3, I.4, I.5?

8. If not, what did your peer do differently from your own work?

9. Did you arrive at the same result for the frequency histogram and “overlap” question I.7?

10. If not, figure out what your peer did differently from your own work.

Read your peer’s interpretation of the T-test and their calculation answers to the assigned questions in section II.

11. Does the interpretation (II.6) seem reasonable?

12. Did your peer miss something important?

13. Did your peer report appropriate significant figures?

Examine the text file (.txt) your peer submitted with their R code.

14. Is the file in an appropriate format (.txt only) that can be used without having problems with smart quotes?

15. Is the file clean and readable, with ONLY good working code? In other words are extra characters and error messages present?

16. Is the code annotated with what it does using pound signs “#” so that R will skip over those lines of code?

Examine your peer’s Box plots and answers to III.2 and III.3, and results for III.4 and III.5.

17. Does your peer’s graph look correct? If not what went wrong?

18. Do you agree with your peer’s answer to question III.3?

19. Did you arrive at the same result for the t-test in section III?

20. If not, figure out what your peer did differently from your own work.

21. Do you agree with you peer’s conclusion in answering III.4 & III.5?