431 Assignment 2 Grading Rubric

Thomas E. Love and 431 Staff

Assignment was due at noon 2017-09-22

General/Administrative (20 points)

- Award up to 10 points for turning the assignment on time (on time = within 1 hour of the deadline, which was noon 2017-09-22)
    - 10 points for both Markdown and Word/HTML/PDF in on time.
    - 6 points for one of Markdown, Word/HTML/PDF in on time.
    - 0 points if neither is in on time.
    - If a student hasn't submitted either the Markdown or Word/HTML/PDF piece, please identify and pester them via email until they do.

- Award an additional 10 points if there is an on-time answer provided for each of the 8 questions asked of all students (1-8), and 0 if not.

- Award zero points on the entire assignment to anyone whose first submission of the assignment is more than 24 hours late, but also contact Dr. Love to see if he has permitted them to turn in the assignment late.

Question 1 (30 points)

You need to identify (as a group) the 6-10 best essays (of the complete set of 50+) that were read by the TAs (so that's choosing from the best 2-3 that each of you read) in the Comments section. In the Comments, please briefly identify the top 6-10 and specify the topic of these 6-10 best essays so I can read through them before returning them to the students.

- Award up to 10 points for proper grammar, use of citations, and appropriate length.
    - Take off 5 points if the grammar is consistently poor.
    - Take off 2 points if no citations are used
    - Take off 3 points if the essay does not meet the required length of 200-500 words.
- Award up to 10 points for describing an "example in your own field/work/experience where a *surplus* of information made (or makes) it easier for people dealing with a complex system to cherry-pick information that supports their prior positions."
    - Take off 5 points if there is no specific example given.
    - Take off all 10 points if the essay prompt was not followed at all, or the essay is completely off topic.
- Award up to 10 points for describing the implications/lessons learned from the given example.
    - Take off 5 points if no lessons/implications are provided.
    - Take off all 10 points if the essay prompt was not followed at all, or the essay is completely off topic.

Question 2 (5 points)

2 points for attempting all parts of the question regardless of the quality of response, plus 1 point in each case for selecting the right pair of matching plots.

Question 3 (5 points)

1 point each for answering correctly for each part (a-e), and 0 for wrong answers. Note that their answer to a and b should suggest exactly one of the two interpretations provided in the answer sketch. Their answers to c, d, and e should then match that interpretation, for them to get full credit.

Question 4 (2 points)

2 points for a correct answer.

Question 5 (3 points)

1 point for each correct answer (name of country and correct identification as "least developed" or not is required for a correct answer.)

Question 6 (10 points)

TAs to decide.

Question 7 (10 points)

TAs to decide.

Question 8 (10 points)

- 10 points for producing a useful plot, likely a boxplot or a reasonable and correct comparison of two histograms, that does actually report the data appropriately, and for building English sentences that conclude that the "least developed" nations had generally higher rates of low birthweight.
- 6 points for producing a useful plot, but not concluding that the "least developed" nations had generally higher rates of low birthweight.
- 0 points for a useless or incorrect plot.

Question 9 (15 points)

1. Award 5 points for making the random samples and the four QQ plots.

- 3 points for just random samples, but no QQ plots or vice versa.
- 2 points if only the first random sample and QQ plot are completed.
- doesn't matter to me if they use `gg_qq` or some other approach.

2. Award 10 additional points for answering both questions fully, noting that the plots show modest deviations from what is expected from a Normal distribution due to outliers, and for noting that all the plots with 25 points or more approximate a straight line fairly well.

- Deduct 5 points for not getting the point that they are all about equally good.
- Deduct 5 points for only answering one of the two questions posed.

Elements for the Class Roster that TEL will provide

The maximum score on the assignment is 110 points.

Column	Explanation
Name, ID, etc.	Student Identifying Information
HW2-Admin	total score for general/administrative - up to 20 points
HW2-Q1	up to 30 points, score on Q1
HW2-TopEssays	indicate (yes/blank) was this one of the best 6-10 essays?
HW2-EssayComments	specific details on the Top Essays, and other Q1 comments
HW2-Q2	Question 2 results (out of 5 points)
HW2-Q3	Question 3 results (out of 5 points)
HW2-Q4	Question 4 results (out of 2 points)
HW2-Q5	Question 5 results (out of 3 points)
HW2-Q6	Question 6 results (out of 10 points)
HW2-Q7	Question 7 results (out of 10 points)
HW2-Q8	Question 8 results (out of 10 points)
HW2-Q9	Question 9 results (out of 15 points)
HW2-Comments	Comments about anything except Q1, including late/missing details
HW2-Total	Total Score on Assignment 2 (out of 110 points)