Homework 4 Rubric
BMI 500: Introduction to Ethical Data Science and Informatics
Prof. Matthew Reyna
Fall 2023

Each item in this rubric is evaluated on a numerical scale. Higher numbers are better.

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1. Your report includes a clear title, authors and affiliations, an abstract, and references.

   ⓪ ① ②

2. Your main text includes an introduction section, a methods section, a results section, a discussion section, a conclusions section.

   ⓪ ① ②

3. Your abstract outlines your work.

   ⓪ ① ②

4. Your introduction introduces the problem and your approach to the problem.

   ⓪ ① ②

5. Your methods section describes your approach to your work.

   ⓪ ① ②

6. Your results section describes the results of your work.

   ⓪ ① ②

7. Your discussion section discusses the results of your work.

   ⓪ ① ②

8. Your conclusions section summarizes the outcomes of your work.

   ⓪ ① ②

9. You concretely and quantitatively described your changes to the data.

   ⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

10. You appropriate chose your changes to the data.

    ⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

11. You adequately defended your changes to the data.

    ⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

12. Your plots effectively and accurately summarize the data.

    ⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

13. Your plots have appropriately sized features. The text in your plots is legible and similar in size to the text in your report. The axes and plot elements are clearly visible.

⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

14. Your plots have clear and descriptive captions.

⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

15. Your interpretation of the data and results is appropriate and consistent with the actual data and results.

⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

16. You included your code and any other supporting information in the supplement.

⓪ ① ②

17. You included a bad plot in your supplement (for fun). You clearly labeled it as an intentionally bad plot.

⓪ ① ②

18. Your report is between 2 and 3 pages long using an appropriate font and spacing. It is polished with few typos or other aesthetic issues (except for the intentionally bad plot in the supplement).

⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩