

Homework 4 Rubric
BMI 500: Introduction to Ethical Data Science and Informatics
Fall 2022

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

1. Your report includes a clear title, authors and affiliations, an abstract, and references.
① ① ②
2. Your main text includes an introduction section, a methods section, a results section, a discussion section, a conclusions section.
① ① ②
3. Your abstract outlines your work.
① ① ②
4. Your introduction introduces the problem and your approach to the problem.
① ① ②
5. Your methods section describes your work.
① ① ②
6. Your results section describes the results of your work.
① ① ②
7. Your discussion section discusses the results.
① ① ②
8. Your conclusions section summarizes the outcome of your work.
① ① ②
9. You concretely and quantitatively described your changes to the data.
① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
10. You adequately chose your changes to the data.
① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
11. You adequately defended your changes to the data.
① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
12. Your bad plot is bad. It has many of the bad things and few of the good things from today's lecture.
① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

13. Your good plot is good. It none of the bad things and many of the good things from today's lecture.

① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

14. Your good plot has a clear and description caption. (Your bad plot has a bad caption.)

① 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.

① ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

16. You included your code in the supplement. Do not include the data, intermediate data or results, or the results in the code section of the supplement.

① ① ②

17. Your report is polished with (almost) no typos or other aesthetic issues (except for the bad plot).

① ① ②

18. Your report is between 2 and 3 pages long using an appropriate font and spacing.

① ① ②