Tex File Style Tips

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Manuscript style

1. No space before a paragraph. Use two blank lines to seperate paragraphs and no space in blank line.

2. Make line width below 80.

3. Do not start a scentence with symbol.

4. No comma and long words in math mode.

5. Put a space before every left parenthesis.

6. Explain each symbols after equations/formulas starting with "'where" so that readers fully understand them. Explanations for one equation/formula should put in one single scentence. Never end a scentence with undefined symbol. No blank line so that no new paragraph is started before or after math mode.

7. Put captions for tables on top while captions for figures on bottom.

8. Use "Table", "Figure", "Equation" when cite them. Make first letter be capital and do not use abbrivation.

9. Do not change font size for tables. Change table layout to fit instead of resizing it. Try to avoid sideways table.

10. Use past tense to describe the data generation in simulation studies.

11. Show simulation settings in detail so that readers can reproduce your results. Always justify your simulation settings.

12. Figures/tables and other floaters are always positioned with tbp. Never use "h" in floating table/figure.

13. For plot files in tex, name the files informatively.

14. Label equations, tables and figures and label them use informative name.

15. Use pdf or eps for figure file. Don't use png file since it's not vector graphics and will lose resolution when resize.

16. Label and cite each each section if needed. Never use the number to represent a section, like "Section two is about ..."

17. For plots with different lines, use different line pattern to distinguish them, not only color, so that readers can tell the difference when print them out. Same for different dots on plots.

18. No space in object (file/project/variable) names.

19. One sentence about the findings from the real data analysis in abstract.

20. Don't repeat title words in keywrods.

21. Use citep when cite paper with parentheses.

22. Keep figure aspect ratio correct if the figure has realistic meaning. Like a basketball half court should be 50/47.

23. In math mode, use different sized parentheses for better view.

24. Even equations need punctuations.

25. Define the distribution instead of distribution name only. Like G(a, b), don't only define that G is shorthand of Gamma.

26. In math formulas, don't use times unless in a new line.

27. Put enough space in math formulas for better view in source.

28. Don't label a formula if not referenced.

29. No inline frac.

30. Use a consisten labeling system, like sec, fig, tab, eq, alg, etc.

Manuscript content style

1. In general, open the abstract with a background of the research problem.

bibtex file stype

1. Delete repeated entry.

2. Capitalize first letter of every words in title, except articles, prepositions, or coordinating conjunctions like "a", "in", "and".

3. Always check the bibtex information downloaded from website. There might be wrong or incomplete information.

4. Use informative label for each entry: "Lastname + First word in title + year".