

Final Assignment

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R for Analysising Text and Data (U Vienna)

Final Assignment

The goal of the final assignment is to show that you can solve a real question from your own research using R. This can be a text analysis, but it can also be a visualization or data analysis if that is what you are working on.

Structure of the report

Your report should probably contain the following sections:

1. Introduction ($\frac{1}{2}$ page). Briefly introduce your research topic and what you are trying to do.
2. Data ($\frac{1}{2}$ page - 1 page). Describe the data you are using. Include your code for downloading, reading, and cleaning the data. At the end, show the top lines of your data set (e.g. using the head command). Be sure to select only the relevant columns so it is readable.
3. Analysis (about 1 page). Show the code for your analysis and the result.
4. Interpretation and discussion ($\frac{1}{2}$ - 1 page). What do your results mean? What are possible problems for this analysis, and/or ways to improve it?

The report should preferably be created as an R Markdown document. The layout is not important, but please make sure only to include relevant code and output (in particular, make sure irrelevant warnings are not displayed). The page limits are not absolute, but don't make it much longer than 3 pages total.

Grading criteria

This is not your doctoral thesis :-). Keep it small and simple. The point is not to produce a perfect analysis, the point is to show that you know what you're doing (and you do it in R). So a decent analysis with a good explanation of the weakness and ways for improving it can be better than a really good analysis without a good explanation.

- Introduction: Question is clearly described and linked to computational analysis
- Method and data: Correctly described and applicable to the research question
- Method and data: Correctly applied
- Results: Correctly interpreted and described
- Discussion: Implications, limitations, and improvements correct and clearly described
- Overall: R Code is functional, understandable, and well written
- Overall: Report is readable and in proper academic English