



Research on Corporate Transparency

Assignment 1: Reproduce and Extend Our 'Analysis'

Our first assignment directly builds on the first unit's video about the principles of Open Science. We want you to reproduce and extend the analysis contained in one of the following two GitHub repositories:

- <https://github.com/trr266/treat>
- <https://github.com/trr266/trer>

Both are template repositories that we developed to assist researchers in setting up a reproducible empirical workflow. The first repository uses WRDS Compustat data to calculate and explore 'discretionary accruals'. To reproduce it, you need an active subscription to WRDS/Compustat.

If you don't have a WRDS subscription or if you are not interested in estimating discretionary accruals, you can instead reproduce the analysis in the second repository. There, we are using World Bank data to re-estimate the prominent 'Preston Curve' – the country-level association of life expectancy with national income per capita.

The analyses in both repositories are stubs. So, your task is to extend them after reproducing our base results. What you do is up to you. For full credits, you do not need to do much but

- you should send us a GitHub link that contains your analysis,
- we should be able to reproduce your analysis with minimal effort and
- your extension should be clearly visible in either the paper or the presentation that is produced by the repository.

The deadline for submitting your solution is *May, 10th*. Please hand in your solution by sending the link to your GitHub repo to Tobias Witter (tobias.witter@hu-berlin.de).

Please use GitHub issues or the Moodle forum to discuss any issues related to this assignment. If you have problems that relate to the template repositories, you can also directly file an Issue with these repositories. Thank you!