

## Replication Assignment

GU4724

Fall 2023

Professor Donald Green

On the day of the final exam, please turn in a 1,000 word essay describing your attempt to reproduce and extend the analysis of an existing field experiment.

The first step in completing this project is to find a suitable dataset. Replication datasets are available for most articles published in leading journals since 2010; before that, it's hit or miss. Most leading economics journals require replication datasets; political science, criminology, sociology, and education journals sometimes do. You can also find some field experimental datasets in the ICPSR archive, the Yale-ISPS archive, and Dataverse.

Each student will sign up to analyze a different study. When you've found a suitable dataset, please sign up [here](#) and tell Daniel Markovits the title of the study that you plan to replicate.

**After you have had a chance to explore the dataset, see Don Green to discuss your analysis.**

You need not replicate all the tables in an article. Try instead to zero in on the key tables of substantive and methodological interest. Replicate them to the best of your ability. Then consider whether you can augment the analysis, check its robustness, or take it in a new direction. For example, are the reported p-values similar to what you get using randomization inference? Are the results sensitive to the way in which the author controlled for covariates, addressed issues of clustering, modeled interference, or handled missing outcome data? Is there evidence of heterogeneous treatment effects? How sensitive are the results to excludability violations of various degrees?

Be creative, but avoid playing the game of "gotcha" – the point is not to upend published findings but to learn more from the data at hand.

Be sure to put a full bibliographic citation (in APSR format) at the top of your report.

When you are ready to turn in your assignment, use OSF to share an electronic version of your paper, code, and data so that we can retrace your steps if need be.

*Don't wait until the last minute to tackle this assignment!*