

benchtestr

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What did we do?

- ▶ Collect datasets for benchmarking experimental findings
- ▶ Write up a variety of classical estimators (DIM, linear regression, matching, etc.)
- ▶ Draft up instructional documentation (vignettes)
- ▶ **Compile everything into an R package called `benchtestr`**

Motivation

- ▶ Experiments are common throughout social science disciplines, and proliferating.
- ▶ Past work has shown the sensitivity of experimental findings to observational benchmarking
 - ▶ Benchmarking?
 - ▶ Dehejia and Wahba (1999)
 - ▶ CITE SOME OTHER STUDY

Examples

- ▶ STUDY 1
- ▶ STUDY 2
- ▶ Colnet, et al (2020)
 - ▶ Description
 - ▶ Analysis

What is benchtestr?

- ▶ One-stop shop for benchmarking experimental findings (test new estimators, compare across datasets, etc.)
- ▶ Robust support for matching (balance testing, estimation, etc.)
- ▶ Saving time (let the defaults do the work)
- ▶ Let's take a look (vignette)

What else could we do?

- ▶ Lots of things:
 - ▶ Continue to add estimators
 - ▶ Continue to add data
 - ▶ Push for CRAN-readiness