Package: prereg (via r-universe)

September 4, 2024

Type Package

Title R Markdown Templates to Preregister Scientific Studies

Version 0.5.0

Description Provides a collection of templates to author preregistration documents for scientific studies in PDF format.

URL https://github.com/crsh/prereg

BugReports https://github.com/crsh/prereg/issues

Depends R (>= 3.0.0)

Imports rmarkdown (>= 1.0)

Suggests testthat

License GPL-3

Encoding UTF-8

LazyData TRUE

Language en-US

RoxygenNote 7.1.2

Roxygen list(markdown = TRUE)

Repository https://crsh.r-universe.dev

RemoteUrl https://github.com/crsh/prereg

RemoteRef HEAD

RemoteSha 56d497921c325311d41489f0cf14878aa828520c

Contents

prereg *R Markdown Templates to Preregister Scientific Studies*

Description

The provided R Markdown templates are based on the Center for Open Science Preregistration Challenge, the AsPredicted.org questions, a template suggested for social psychology by van 't Veer and Giner-Sorolla (2016), and the replication recipe suggested by Brandt et al. (2013).

System requirements

Before using **prereg** to create a preregistration document, make sure the following software is installed on your computer:

- RStudio (>= 0.98.932); if you don't use RStudio , you need to install pandoc using the instructions for your operating system
- A TeX distribution (2013 or later; e.g., MikTeX for Windows, MacTeX for Mac, obviously, or TeX Live for Linux)

If you are running *Windows*, use MikTex if possible. Currently, pandoc and the Windows version of Tex Live don't seem to like each other. Make sure you install the *complete*—not the basic—version.

Author and Maintainer

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References

Brandt, M. J., IJzerman, H., Dijksterhuis, A., Farach, F. J., Geller, J., Giner-Sorolla, R., ... van 't Veer, A. (2014). The Replication Recipe: What makes for a convincing replication? Journal of Experimental Social Psychology, 50, 217–224. doi: 10.1016/j.jesp.2013.10.005 van 't Veer, A. E., & Giner-Sorolla, R. (2016). Pre-registration in social psychology—A discussion and suggested template. Journal of Experimental Social Psychology, 67, 2–12. doi: 10.1016/j.jesp.2016.03.004

prereg_pdf *Preregistration renderer*

Description

Knit a PDF document using preregistration document template

Usage

```
prereg_pdf(...)

aspredicted_prereg(...)

brandt_prereg(...)

cos_prereg(...)

fmri_prereg(...)

psyquant_prereg(...)

prp_quant_prereg(...)

rr_prereg(...)

vantveer_prereg(...)
```

Arguments

...	additional arguments to pdf_document; template is ignored.

References

Bosnjak, M., Fiebach, C. J., Mellor, D., Mueller, S., O'Connor, D. B., Oswald, F. L., & Sokol-Chang, R. I. (2021). A template for preregistration of quantitative research in psychology: Report of the joint psychological societies preregistration task force. *American Psychologist*. http://dx.doi.org/10.1037/amp0000879

Brandt, M. J., IJzerman, H., Dijksterhuis, A., Farach, F. J., Geller, J., Giner-Sorolla, R., ... van 't Veer, A. (2014). The Replication Recipe: What makes for a convincing replication? *Journal of Experimental Social Psychology*, 50, 217–224. https://doi.org/10.1016/j.jesp.2013.10.005

Crüwell, S. & Evans, N. J. (2021). Preregistration in diverse contexts: a preregistration template for the application of cognitive models. *Royal Society Open Science*. 8:210155 https://doi.org/10.1016/j.jesp.2013.10.005

Flannery, J. E. (2020, October 22). fMRI Preregistration Template. Retrieved from https://osf.io/6juft

van 't Veer, A. E., & Giner-Sorolla, R. (2016). Pre-registration in social psychology—A discussion and suggested template. *Journal of Experimental Social Psychology*, 67, 2–12. https://doi.org/10.1016/j.jesp.2016.03.004

Examples

```
## Not run:
# Create R Markdown file
rmarkdown::draft(
  "my_preregistration.Rmd"
  , "cos_prereg"
  , package = "prereg"
  , create_dir = FALSE
  , edit = FALSE
)
```

```
# Render file
rmarkdown::render("my_preregistration.Rmd")

## End(Not run)
```

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