Package 'prereg'

October 14, 2022

Type Package

Title R Markdown Templates to Preregister Scientific Studies

Version 0.6.0

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

Language en-US

RoxygenNote 7.1.2

NeedsCompilation no

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Repository CRAN

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R topics documented:

prereg	*R Markdown Templates to Preregister Scientific Studies*

Description

This package provides a collection of preregistration templates for empirical scientific studies.

System requirements

prereg depends on additional software, namely,

1. R 2.11.1 or later and
2. pandoc 1.19 or later
3. TeX 2013 or later.

If you work with RStudio (1.1.453 or later) pandoc should already be installed, otherwise refer to the installation instructions for your operating system.

prereg can be used with common TeX distributions, such as MikTeX on Windows, MacTeX on Mac, or TeX Live on Linux.

If you mainly use TeX to render R Markdown documents, we strongly recommend using the TinyTex distribution. It is lightweight and automatically installs missing LaTeX packages and can be installed from within R with `tinytex::install_tinytex()`.

Author and Maintainer

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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. doi: 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. doi: 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. doi: 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. doi: 10.1016/j.jesp.2016.03.004

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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*. doi: 10.1037/amp0000879

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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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