

Package ‘prereg’

January 20, 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

Author Frederik Aust [aut, cre] (<<https://orcid.org/0000-0003-4900-788X>>),
Lisa Spitzer [aut],
Jeffrey R. Stevens [ctb] (<<https://orcid.org/0000-0003-2375-1360>>),
Masataka Ogawa [ctb]

Maintainer Frederik Aust <frederik.aust@uni-koeln.de>

Repository CRAN

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R topics documented:

prereg	2
prereg_pdf	3
Index	5

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 **Tiny-TeX** distribution. It is lightweight and automatically installs missing LaTeX packages and can be installed from within R with `tinytex::install_tinytex()`.

Author and Maintainer

Frederik Aust (frederik.aust at uni-koeln.de).

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](#)

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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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](#)

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)
```

Index

aspredicted_prereg (prereg_pdf), 3

brandt_prereg (prereg_pdf), 3

cos_prereg (prereg_pdf), 3

fmri_prereg (prereg_pdf), 3

pdf_document, 3

prereg, 2

prereg_pdf, 3

prp_quant_prereg (prereg_pdf), 3

psyquant_prereg (prereg_pdf), 3

rr_prereg (prereg_pdf), 3

vantveer_prereg (prereg_pdf), 3