

# Package ‘prereg’

December 2, 2020

**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** 7.1.1

**NeedsCompilation** no

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**Repository** CRAN

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aspredicted\_prereg      *AsPredicted.org template*

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**Description**

Knit a PDF document using the AsPredicted.org questions

**Usage**

```
aspredicted_prereg(...)
```

**Arguments**

...                    additional arguments to [pdf\\_document](#); template is ignored.

**Examples**

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

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

## End(Not run)
```

---

brandt\_prereg                    *Brandt et al. Replication Recipe Preregistration template*

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**Description**

Knit a PDF document using the questions suggested by Brandt et al. (2013)

**Usage**

```
brandt_prereg(...)
```

**Arguments**

...                    additional arguments to [pdf\\_document](#); template is ignored.

## 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](https://doi.org/10.1016/j.jesp.2013.10.005)

## Examples

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

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

## End(Not run)
```

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cos\_prereg

*COS Preregistration Challenge template*

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## Description

Knit a PDF document using the COS Preregistration Challenge questions

## Usage

```
cos_prereg(...)
```

## Arguments

... additional arguments to [pdf\\_document](#); template is ignored.

## 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)
```

---

prereg

*R Markdown Templates to Preregister Scientific Studies*

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## 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** ( $\geq 0.98.932$ ); 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

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

## 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](https://doi.org/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](https://doi.org/10.1016/j.jesp.2016.03.004)

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psyquant\_prereg      *Preregistration for Quantitative Research in Psychology Template*

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**Description**

Knit a PDF document based on the Preregistration for Quantitative Research in Psychology Template

**Usage**

```
psyquant_prereg(...)
```

**Arguments**

...                    additional arguments to [pdf\\_document](#); template is ignored.

**Examples**

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

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

## End(Not run)
```

---

rr\_prereg              *Registered Reports template*

---

**Description**

Knit a PDF document for preregistration of Stage 1 Registered Reports

**Usage**

```
rr_prereg(...)
```

**Arguments**

...                    additional arguments to [pdf\\_document](#); template is ignored.

## Examples

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

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

## End(Not run)
```

---

vantveer\_prereg

*van 't Veer & Giner-Sorolla Preregistration template*

---

## Description

Knit a PDF document using the questions suggested by van 't Veer and Giner-Sorolla (2016) for social psychologists

## Usage

```
vantveer_prereg(...)
```

## Arguments

... additional arguments to [pdf\\_document](#); template is ignored.

## References

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](https://doi.org/10.1016/j.jesp.2016.03.004)

## Examples

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

```
# Render file  
rmarkdown::render("my_preregistration.Rmd")  
  
## End(Not run)
```

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