

# Package ‘rsf’

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**Type** Package

**Title** Report of Statistical Findings in 'bookdown'

**Version** 0.3.0

**Description** A report of statistical findings (RSF) project template is generated using a 'bookdown' format. 'YAML' fields can be further customized. Additional helper functions provide extra features to the RSF.

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**URL** <https://github.com/dchiu911/rsf/>, <https://dchiu911.github.io/rsf/>

**BugReports** <https://github.com/dchiu911/rsf/issues>

**Imports** bookdown, gert, here, knitr, magrittr, renv, rlang, usethis, yaml, ymlthis

**Encoding** UTF-8

**RoxygenNote** 7.2.1

**NeedsCompilation** no

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**Repository** CRAN

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git\_ignore\_outputs      *Git ignore generated outputs*

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### Description

Add generated reports, figures, and HTML libraries to .gitignore

### Usage

```
git_ignore_outputs(path = ".", figs_only = TRUE)
```

### Arguments

path                    path of the directory containing the input files .gitignore and \_bookdown.yml.  
 figs\_only              logical; if TRUE (default), only figures are git ignored.

### Examples

```
wd <- tempdir()
savedir <- setwd(wd)
file.copy(list.files(system.file("extdata", package = "rsf"),
                       full.names = TRUE, all.files = TRUE, no.. = TRUE), ".")
file.rename("gitignore", ".gitignore")
git_ignore_outputs(figs_only = FALSE)
setwd(savedir)
```

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use\_references            *Use references*

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### Description

Add a References section at the end of the RSF.

### Usage

```
use_references(path = ".", number = 99)
```

### Arguments

path                    path of the directory containing the input files index.Rmd, \_output.yml, preamble.tex.  
 number                 number prepended to references Rmd source file.

## Examples

```
wd <- tempdir()
savedir <- setwd(wd)
file.copy(list.files(system.file("extdata", package = "rsf"),
                        full.names = TRUE), ".")
use_references(number = 4)
setwd(savedir)
```

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use\_rsf

*Use RSF project template*

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## Description

Opens a new R project using the RSF template. Intended for use in RStudio, not interactively.

## Usage

```
use_rsf(path, ...)
```

## Arguments

path	project path
...	project configurations supported: <ul style="list-style-type: none"><li>• output_dir in _bookdown.yml <a href="https://bookdown.org/yihui/bookdown/configuration.html">https://bookdown.org/yihui/bookdown/configuration.html</a></li><li>• initialize git repo via <code>gert::git_init()</code></li><li>• initialize renv via <code>renv::init()</code></li></ul>

## Details

This function is called when the user selects File > New Project > New Directory > Report of Statistical Findings using bookdown. The directory name and output directory can be specified.

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