Habits

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Overview



Rmd files



An R Markdown (.Rmd) file is a record of your research. It contains the code that a scientist needs to reproduce your work along with the narration that a reader needs to understand your work.



Reproducible Research

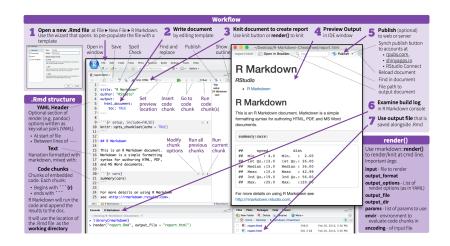
At the click of a button, or the type of a command, you can rerun the code in an R Markdown file to reproduce your work and export the results as a finished report.



Dynamic Documents

You can choose to export the finished report as a html, pdf, MS Word, ODT, RTF, or markdown document; or as a html or pdf based slide show.

Breakfast





Set up Google Scholar, part 1

Set up Google Scholar so that it shows your BibTex formatting for each citation This assumes that you have a Google account



Example - Addition Citations to your .bib

- Now we can look up articles on Google Scholar and *copy and* paste the BibTex citation to my "bibliography.bib" file
- Rarely do I have to write the BibTex citation from scratch

Why Use R Markdown for your Citations/Bibliography?

- formats citations according to format of your choosing
- compiles bibliography for you
- when you re-compile your R Markdown document, the bibliography will be recreated as well – ensures that bibliography is up-to-date – no extras, no missing references

Other Benefits of Using R Markdown

Tables

Tables and Figures

► R Markdown numbers the tables and figures for you so you do not have to!

R Markdown Vs. Microsoft Word

Pros of R Markdown

- incorporate code directly into your document
- you can hide text that you are ready to delete!

Cons of R Markdown

▶ track changes - not as easy to implement changes when you have to do it in R Markdown ## Bookdown Dissertation!

https://github.com/ksauby/thesisdownufl

Resources

 $https://rmarkdown.rstudio.com/index.html \\ https://bookdown.org/yihui/rmarkdown/ \\ where to find csls$