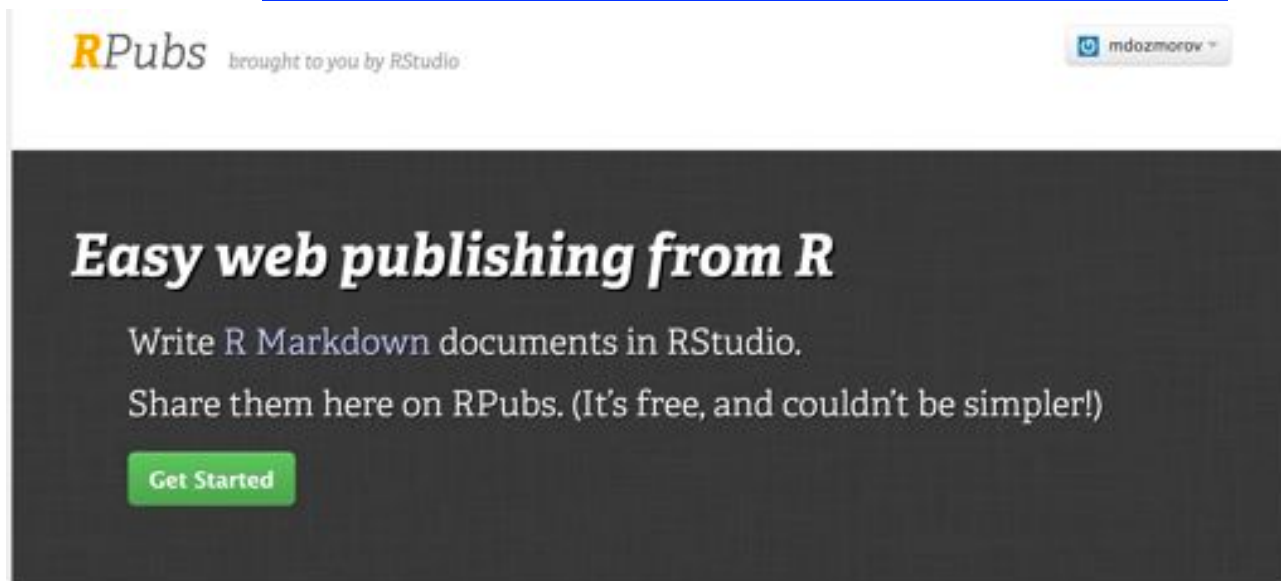# PRESENTATIONS AND WEB PUBLISHING

RPubs

- http://rpubs.com/ - publishing R Markdown reports and presentation on the web

- Everything public

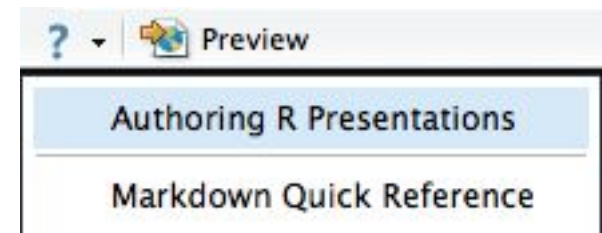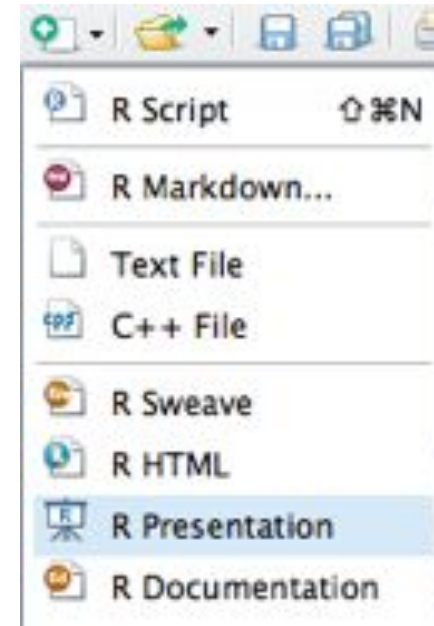- Example: "R Cookbook - Chapter 11 - Linear Regression and ANOVA", http://rpubs.com/escott8908/RC11

R Presentation

- Default presentations in RStudio

- Write in Markdown, render in HTML, publish on RPubs

Formatting R presentations

- Presentation format   http://rmarkdown.rstudio.com/ioslides_presentation_format.html

- **Beamer**   a LaTeX document template for creating slides
  and presentations
  - YAML setting   **output: beamer_presentation**
  - Tutorial/example   https://kbroman.wordpress.com/2013/10/07/better-looking-latexbeamer-slides/

- **ioslides**   default format for Rstudio presentations.
  - YAML setting   **output: ioslides_presentation**
  - Example   http://www.jvcasillas.com/posts/assets/ioslides/ioslides.html

DEMO

Formatting R presentations

- Presentation format   http://rmarkdown.rstudio.com/ioslides_presentation_format.html

- **Slidy**   a HTML-based slideshow
  - YAML setting   `output: slidy_presentation`
  - Tutorial/example   https://www.w3.org/Talks/Tools/Slidy2/#(1)

- **reveal.js**   the HTML presentation framework, highly customizable
  - YAML setting   `output: revealjs::revealjs_presentation`
  - Example   http://lab.hakim.se/reveal-js/#/

DEMO

Slidify

- Customizable presentations in R Markdown. HTML-based. Can render presentations in any format.

- http://slidify.org/ - 5 min video tutorial

- Example: "Slidify: Reproducible HTML Slides from R Markdown", http://slidify.org/samples/intro/#1

Bookdown

- Authoring Books with R Markdown
  https://github.com/rstudio/bookdown

- https://bookdown.org/ - free books authored with bookdown

- Example: "Bookdown: Authoring Books with R Markdown",
  https://bookdown.org/yihui/bookdown/

GitHub pages

- A simple way to make a website using Markdown and git

- https://pages.github.com/ - quick start on one page

- Example: "Easy websites with GitHub Pages", http://kbroman.org/simple_site/

Publishing articles

PeerJ   open access peer-reviewed scientific mega journal, https://peerj.com/

Free preprint submission. Judges scientific/methodological rigor. Does not judge the results (may be null), interest or impact

https://github.com/PeerJ/paper-now

Paper Now

Create, edit and (optionally) display a journal article, entirely in GitHub.

In contrast to the more traditional process of *submit > peer review > publish* at *PeerJ*, or even the less formal preprints at *PeerJ Preprints* or *arXiv*, *Paper Now* is an experiment to see where the future may go with scholarly communication. Initially, it may be that co-authors collaborate either privately or publicly on GitHub and then proceed to submitting to PeerJ or other journals for formal peer-review or preprinting. Or perhaps this is where the traditional medium of publication begins to diverge. There is no end goal other than to see what the academic community wants, which is why this is completely open to fork, extend, and build upon.