R markdown: ICCB 2015

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`https://github.com/orb16`

This is an R Markdown presentation. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see `http://rmarkdown.rstudio.com`.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

- Allows you to combine your science with your analysis code.
- This means:
  - You won't forget which file/which version of the file you used
  - Analysis completley reproducible
  - You can even write documents with citations, italics, etc.

- Good for annotating your analysis as you go
- Easy on the eyes

- Just type normally!
- Hashtags (#) signify heading level
- To **bold** a word or words, encase it/them in double underscores __
- To italicise a word or words, encase it/them in single underscores _.
- Lists - just use hyphens (or numbers)

"Code chunks" are where you'll put the code. To make a chunk, you need code like this:

```r
60
61  ```{r}
62  very_important_data <- read.csv("data/my_excellent_data.csv")
63  very_important_analysis <- with(very_important_data, t.test(before, after))
64  ```
65
```

- "'{r eval = FALSE} means the code will be printed but not run
- "'{r echo = FALSE} means the code won't be printed, but the command will be run

- If you choose to use one, you can run all the code in the code chunks as you would in R (command-enter on macs, control-r on windows, or using the file menu).
- If you go up to the "Chunks" menu (top right) you'll see you can run all the chunks, just the current one (the one your cursor is in), etc.
- But - if you prefer not to, no worries! Just copy and paste the text from the pdfs into your console or R script.

1. Please go to file, new file, second option (R Markdown).
2. Choose one of the document or presentation options.
3. Have a look at the layout.
4. Hit "Knit" (top middle of your screen).
5. [Optional] modify as you wish and save it.