BEST PRACTICES FOR THE POLITICAL SCIENTIST

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```
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##
       filter, lag
## The following objects are masked from 'package:base':
##
##
       intersect, setdiff, setequal, union
```

INTRO

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- Academic writing is messy
 - Keep track of the paper, figures, tables, references, cross-references, analysis, appendix, etc

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- We'll focus on free, open-source tools that enable this behavior and work on Linux,
 Mac, and Windows

Record

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- ((show example git history))

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- When you return to your code six months from now, you won't have to wonder what it is or what you were thinking

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 - Feel free to fork-edit-pull request any changes!

EDIT TEXT

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- Bonus: plain text files are usually *much* smaller than their Word/pdf counterparts

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 - · Vim
 - · RStudio (for R analysis)

MARKDOWN

Markdown

You can use markdown to write plain text that [contain links](https://google.com). Markdown can also manage your references and bibliography [@wlezien1995].

MARKDOWN - MATH

As a quick aside, we can also write really nice math in markdown. Inline math goes between single dollar signs: (\$\beta = 3\$) and display math uses double dollar signs:

$$\frac{1}{3} x = \pi$$



REPRODUCE

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- · Solution: Integrate code and paper with rmarkdown

RMARKDOWN

Rmarkdown lets you put code inside your markdown document like so:

```
'''{r}
x <- c(1, 2, 3)
mean(x)
'''</pre>
```

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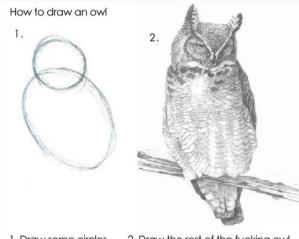
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- These programs work well with each other

SETUP

How to install and setup this stuff?

SETUP



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1. Draw some circles

2. Draw the rest of the fucking owl