## Data Wrangling in R

Data Wanging in

Putting it all together

#### Further resources

https://r4ds.had.co.nz/index.html - section on "wrangling"

https://adv-r.hadley.nz/ - Advanced R: more on functional & object-oriented programming

https://rafalab.github.io/dsbook/introduction-to-data-wrangling.html - Great foundations for R, with more examples like the ones in this class

https://jhudatascience.org/tidyversecourse/ - tidyverse course

<u>Link</u> for coursera version to earn a certificate

Open case studies: <a href="https://www.opencasestudies.org">https://www.opencasestudies.org</a>

#### Further resources - git

https://happygitwithr.com/

https://lab.github.com/

https://www.katacoda.com/courses/git

https://git-school.github.io/visualizing-git/

https://rogerdudler.github.io/git-guide/

https://medium.com/quick-code/top-10-git-gui-clients-for-developers-b56d7025 79a6 - GUIs are a great way to get comfortable without memorizing commands

https://github.com/Meghansaha/please let me merge?tab=readme-ov-file#reso urces-for-improving-git-knowledge "It's okay to google it"

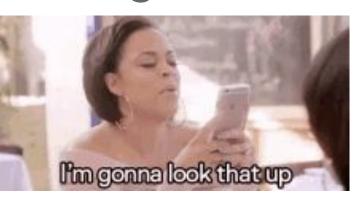
http://stats.stackexchange.com/

http://stackoverflow.com/

https://support.bioconductor.org/

www.google.com

Al \*with caution\*



#### Three things: #1 Beware your humanness

OS ASSOCIATION FOR PSYCHOLOGICAL SCIENCE

General Article

# False-Positive Psychology: Undisclosed Flexibility in Data Collection and Analysis Allows Presenting Anything as Significant

Psychological Science XX(X) 1–8 © The Author(s) 2011 Reprints and permission: sagepub.com/journalsPermissions.nav DOI: 10.1177/0956797611417632 http://pss.sagepub.com

**\$**SAGE

Joseph P. Simmons<sup>1</sup>, Leif D. Nelson<sup>2</sup>, and Uri Simonsohn<sup>1</sup>
The Wharton School, University of Pennsylvania, and <sup>2</sup>Haas School of Business, University of California, Berkeley

#### Three things: #1 Beware your humanness

COS ASSOCIATION FOR PSYCHOLOGICAL SCIENCE

General Article

False-Positive Psychology: Undisclosed Flexibility in Data Collection and Analy Allows Presenting Anything as Significa

Psychological Science XX(X) I-8 © The Author(s) 2011

Always be looking!!!!

Joseph P. Simmons<sup>1</sup>, Leif D. Nelson<sup>2</sup>, and Uri Sin

The Wharton School, University of Pennsylvania, and <sup>2</sup>Haas School of Business, University

http://pss.sagepub.com/content/22/11/1359.abstract

Three things: #2 Be reproducible!

"Your closest collaborator is you in six months, but you don't respond to email."

Be kind to future you!

### Three things: #3 Just try it



Refer back!

https://sisbid.github.io/Data-Wrangling/