

What They Forgot to Teach You About R



rstudio::conf
SAN FRANCISCO // JANUARY 27 - 30, 2020

from RStudio

This work is licensed under a **Creative Commons**
Attribution-ShareAlike 4.0 International License.

To view a copy of this license, visit
<http://creativecommons.org/licenses/by-sa/4.0/>

Everyone is encouraged to open issues here:



rstd.io/wtf-2020-rsc
github.com/rstudio-conf-2020/what-they-forgot/issues

Record glitches, gotchas,
good sidebar discussions, etc.
to address now or later.

rstd.io/wtf-2020-rsc

*Deep
Thoughts*





Trevor A. Branch

@TrevorABranch

Follow



My rule of thumb: every analysis you do on a dataset will have to be redone 10–15 times before publication. Plan accordingly. #Rstats

expect to
iterate

Reason to iterate #1:

Get it right! Keep it right!

New data?

New understanding of data?



Reason to iterate #2:

Refine and Extend

Make your code more

- Readable
- Resilient
- Efficient
- General



*Deep
Thoughts*



machine readable *and* human readable

plan to skim, iterate, tinker, remix, ...

yes, workflow is "a thing" and it's OK to care

embrace incrementalism

don't speculate & dither, run the experiment

if it hurts, do it more often

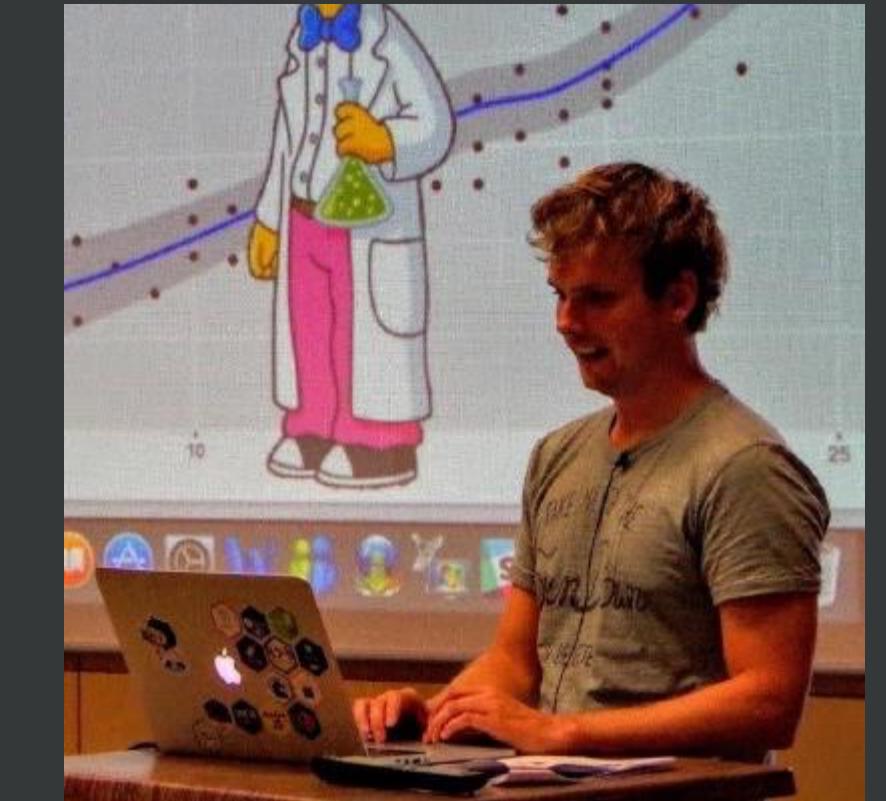
Gábor Csárdi
Software Engineer
RStudio
 @gaborcsardi
 @GaborCsardi



Grace Lawley
PhD student
OHSU
 @gracelawley
 @graceolawley



Jeroen Ooms
Software Developer
rOpenSci
 @jeroen
 @opencpu



Derrick Kearney
Software Engineer
RStudio
dskard.github.io
 @dskard

Lionel Henry
Software Engineer
RStudio
 @_lionel-
 @_lionelhenry



Happy Problem Solving!