R for Computational Sciences

Part 1. getting started, EDA, data wrangling

John Little

Center for Data & Vizualization Sciences

R for computational sciences

quickStart: Projects, data wrangling, EDA, viz

Flipped Workshop

Aug 26, 10am to Noon

1. Did you already **complete** the pre-workshop **survey**? (check your email)
2. **You watched the videos** (part 1a and 1b) and have questions
3. We will start exercises and answer questions as the countdown reaches zero...

https://JohnLittle.info
https://Rfun.library.duke.edu
Data Science Librarian
Center for Data & Visualization Sciences
Duke University Libraries
library.duke.edu/data

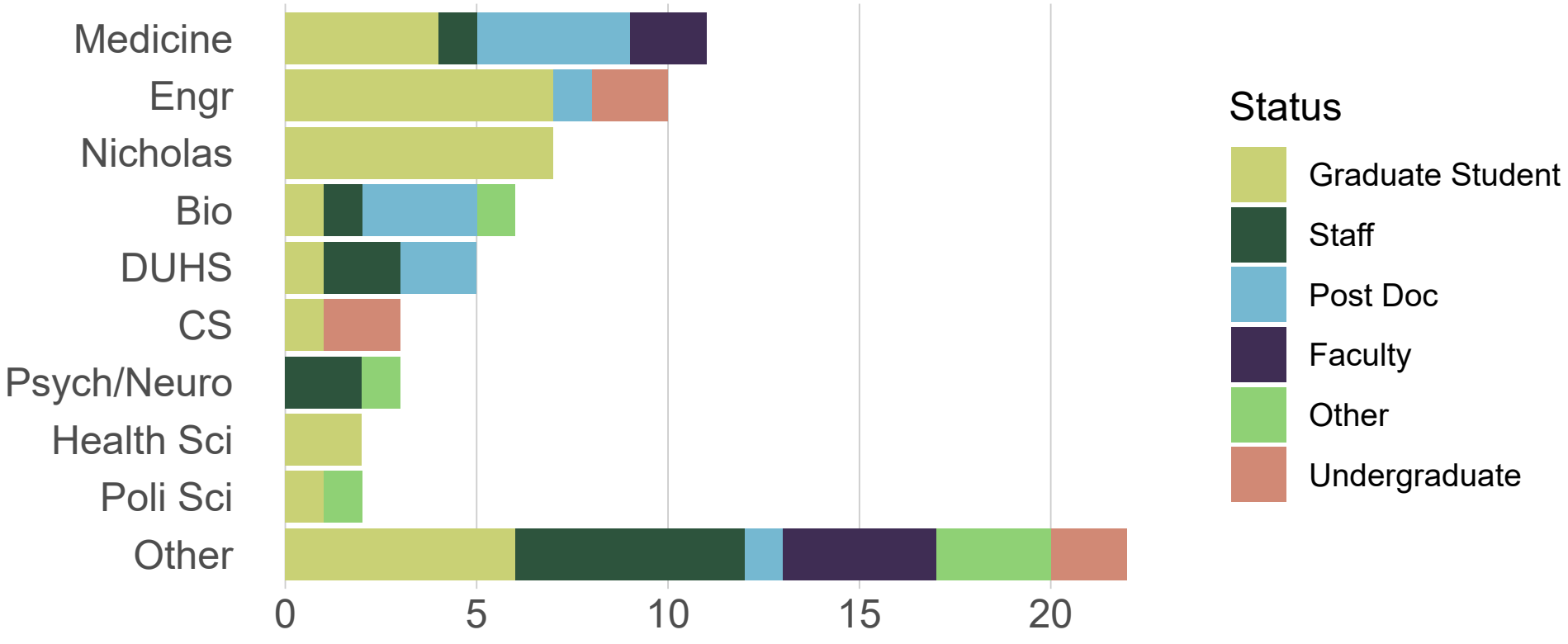
20:15

Duke University: Land Acknowledgement

I would like to take a moment to honor the land in Durham, NC. Duke University sits on the ancestral lands of the Shakori, Eno and Catawba people. This institution of higher education is built on land stolen from those peoples. These tribes were here before the colonizers arrived. Additionally this land has borne witness to over 400 years of the enslavement, torture, and systematic mistreatment of African people and their descendants. Recognizing this history is an honest attempt to breakout beyond persistent patterns of colonization and to rewrite the erasure of Indigenous and Black peoples. There is value in acknowledging the history of our occupied spaces and places. I hope we can glimpse an understanding of these histories by recognizing the origins of collective journeys.

Attendance by Discipline

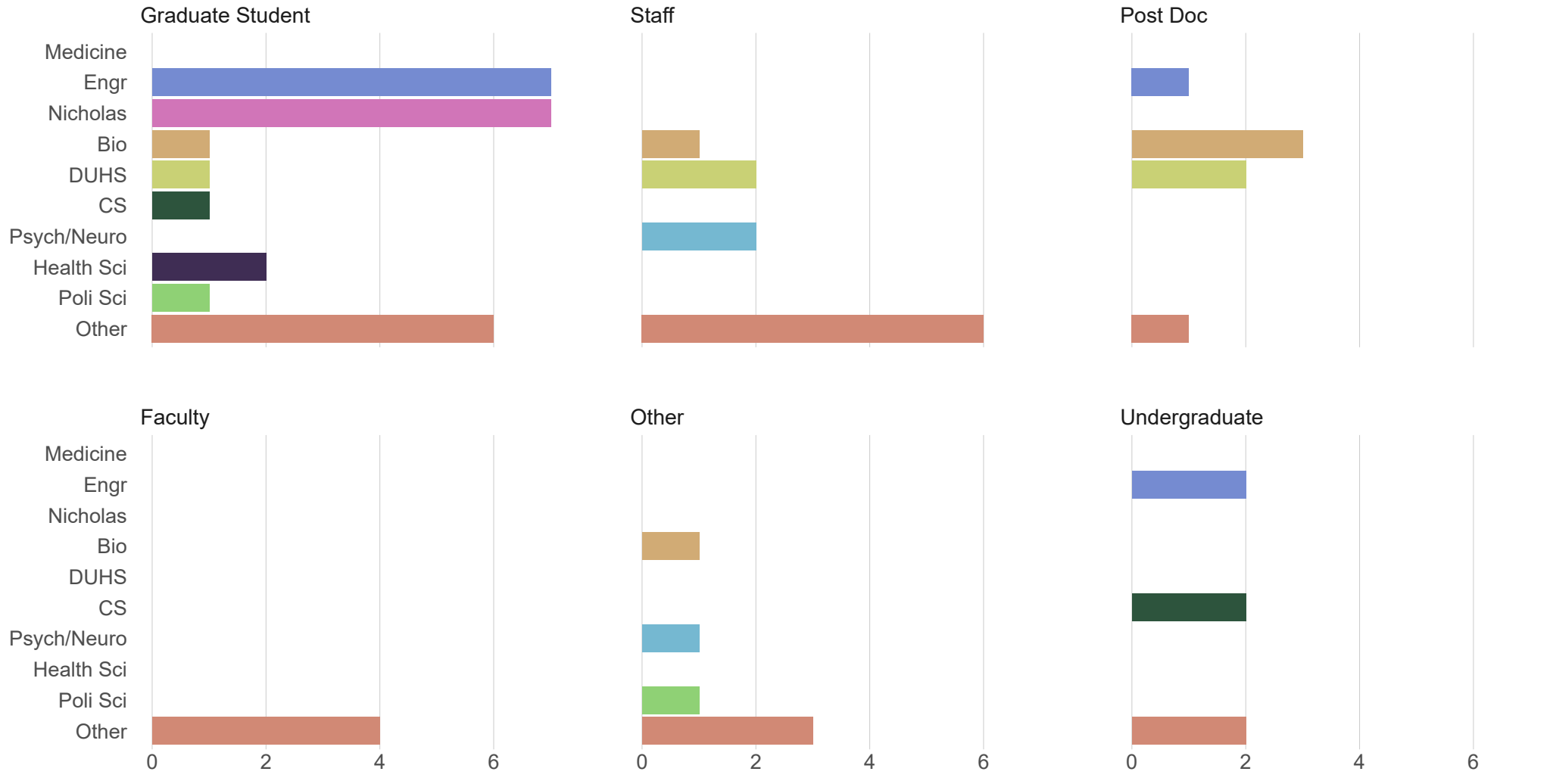
CDVS Workshop: quickStart R Part 1



Source: CDVS Workshop Registration

Attendance by Discipline

CDVS Workshop: quickStart R Part 1



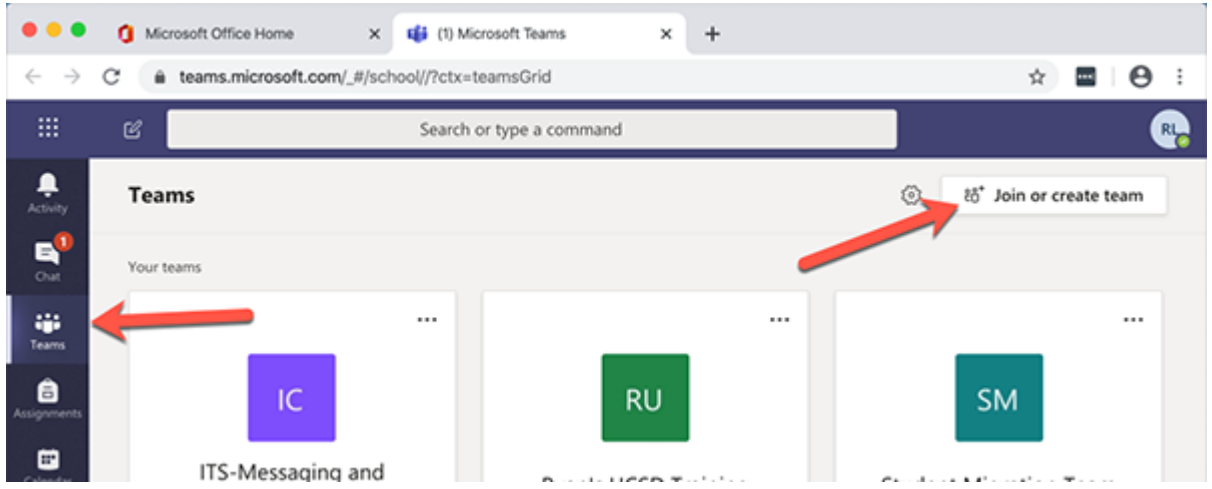
Source: CDVS Workshop Registration

Microsoft Teams: Rfun

Rfun on MS Teams is a professional learning community for Duke U.

Teams like Slack

Join with code **ko8ovx2**



Or, https://is.gd/rfun_teams

So let's chat

We're happy to consult with you. We can make the details relvant to your project

Title	URL
Schedule me for consultations	https://is.gd/littleconsult
Consulting & AskData@Duke.edu	https://library.duke.edu/data/consulting

Resources

It's all online

Title	URL
rfun_flipped codebase	https://github.com/libjohn/rfun_flipped
exercises	https://github.com/libjohn/intro2r_exercises
Rfun	https://rfun.library.duke.edu
Center for data & Viz	https://library.duke.edu/data

Reprex

The most efficient way to get help

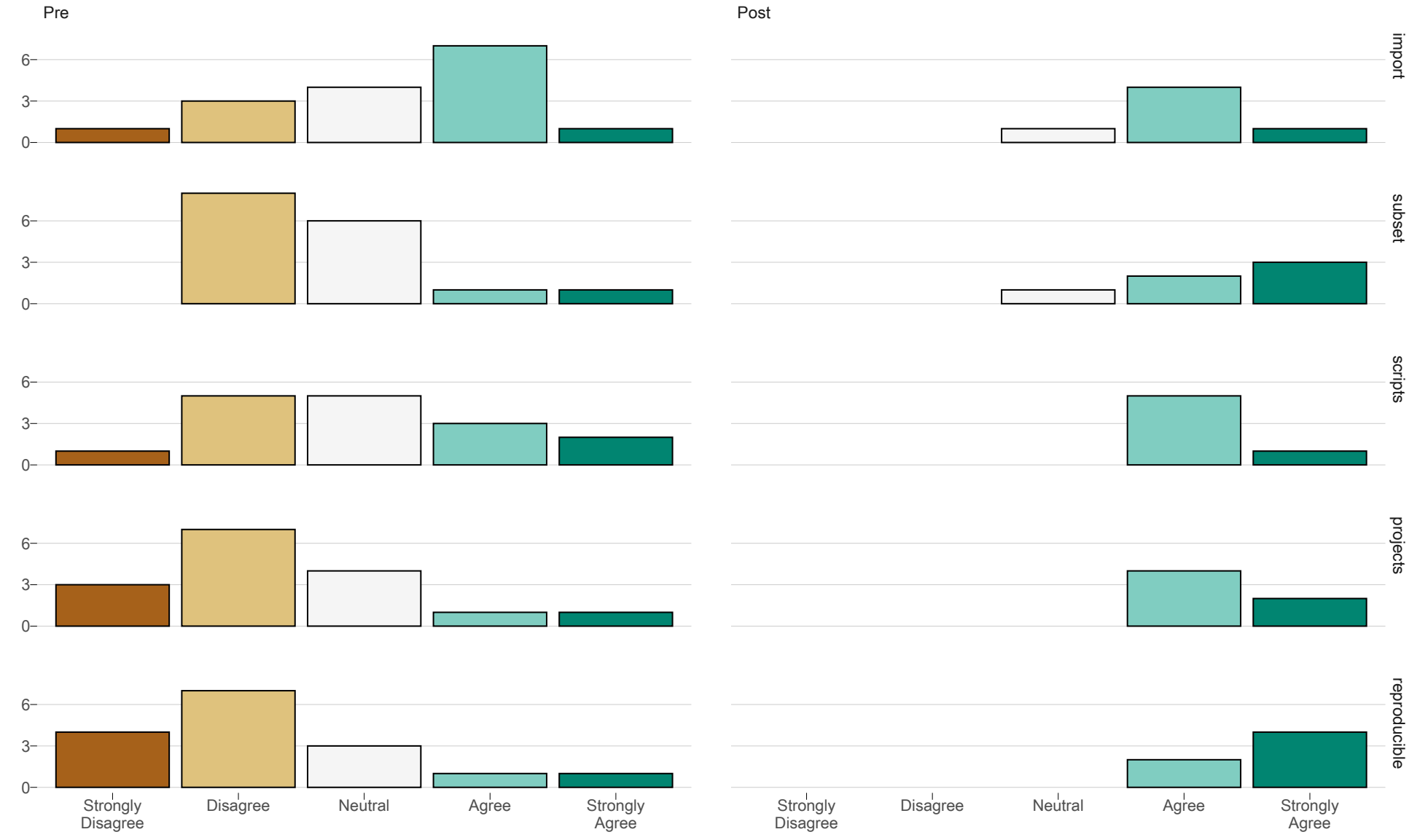
REPROducible EXample and Code

https://reprex.tidyverse.org

Use the smallest, simplest, most built-in data possible

Include commands on a strict “need to run” basis

Comparison of Pre & Post survey results



Source: Registrant surveys at time of workshop