

R for Computational Sciences

Part 2. Viz, pivot, join, models

John Little

Center for Data & Visualization Sciences

R for computational sciences

quickStart: Viz, pivot, join, models

Flipped Workshop

Sept. 22, 1-3pm

Please complete the pre-workshop survey (check your email)

20:00

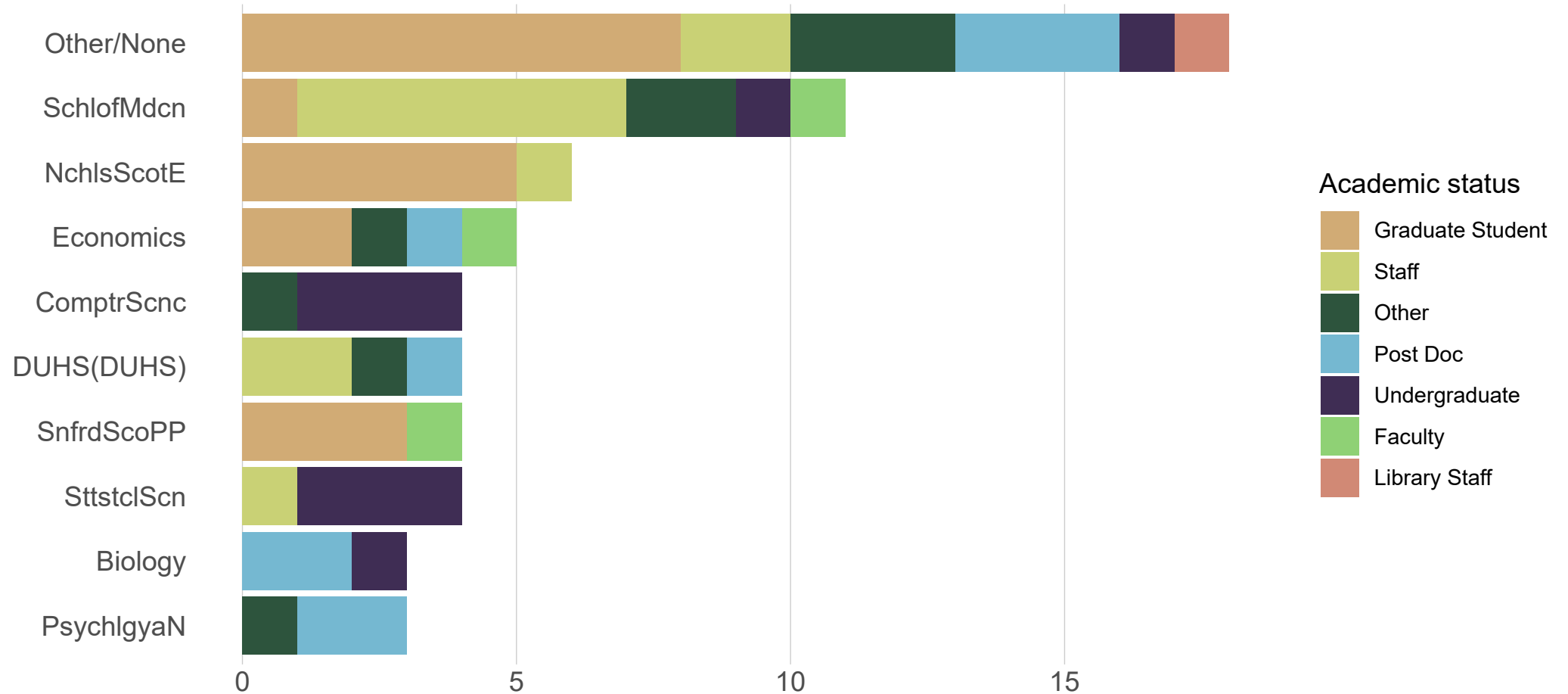
Duke University: Land Acknowledgement

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

R for data science: visualization, pivot, join, regression



Source: CDVS Workshop Registration

Attendance by Discipline

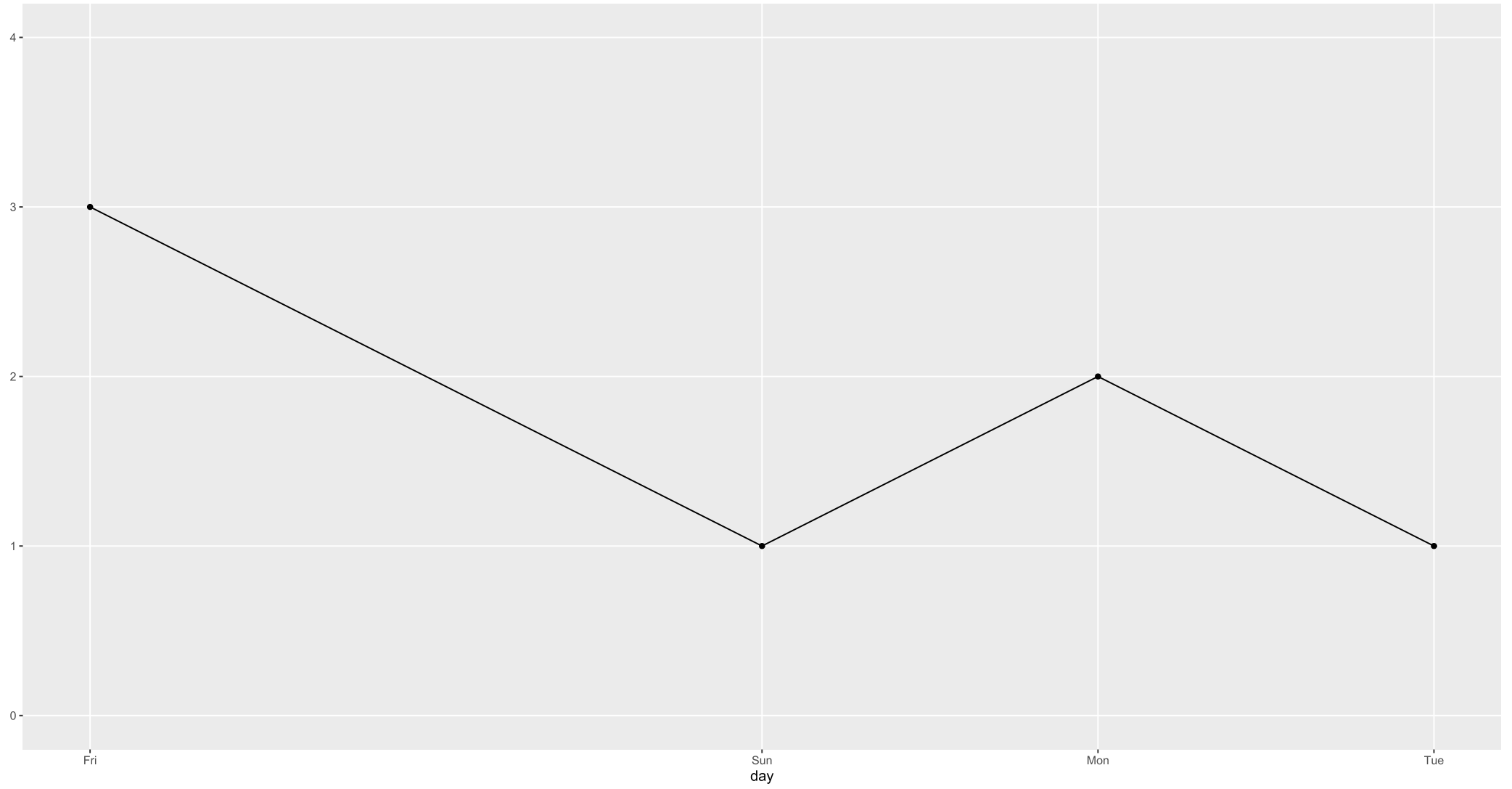
R for data science: visualization, pivot, join, regression



Source: CDVS Workshop Registration

Response rate over time

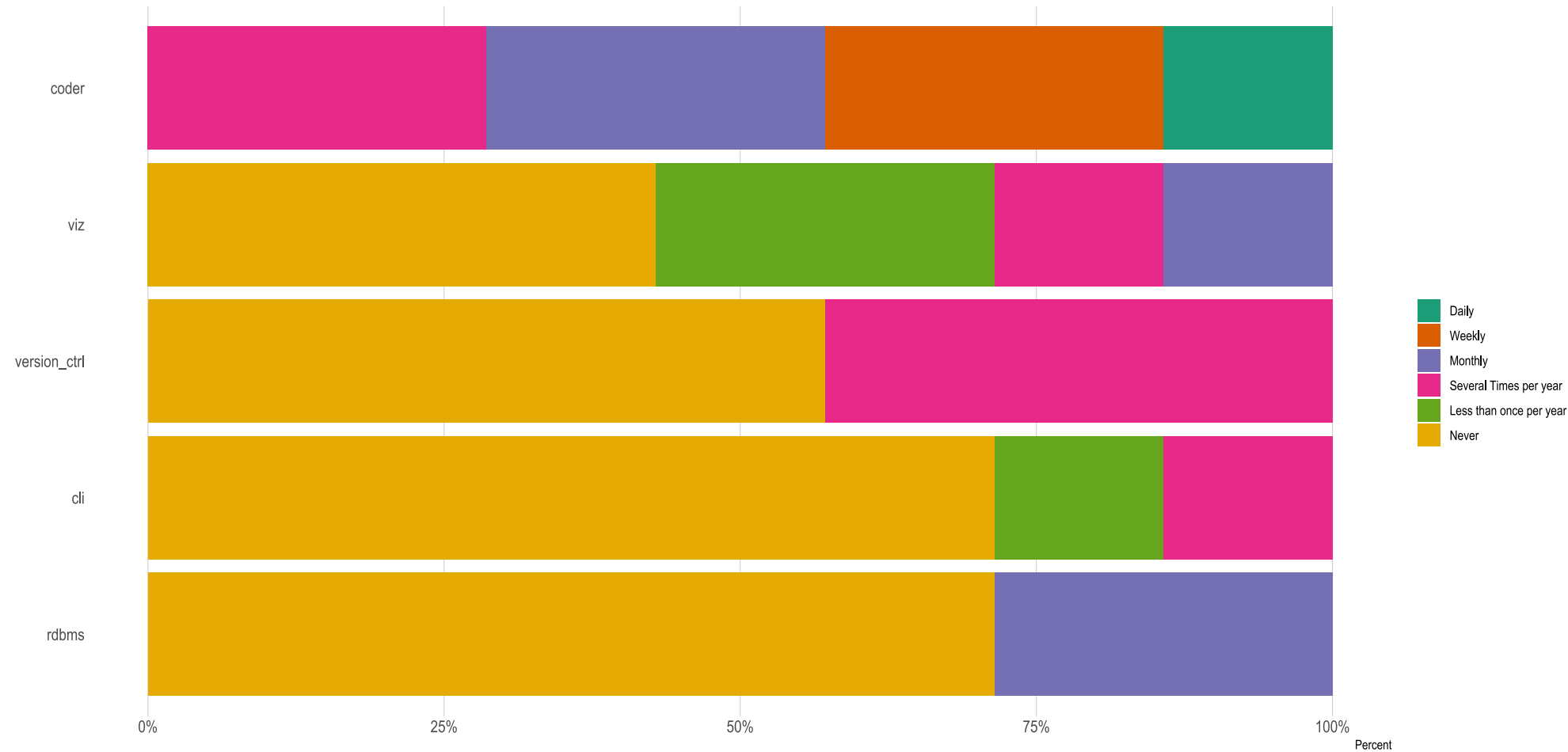
n = 7 ; 11% response rate



Source: CDVS Pre-workshop survey

Self-reported tool usage

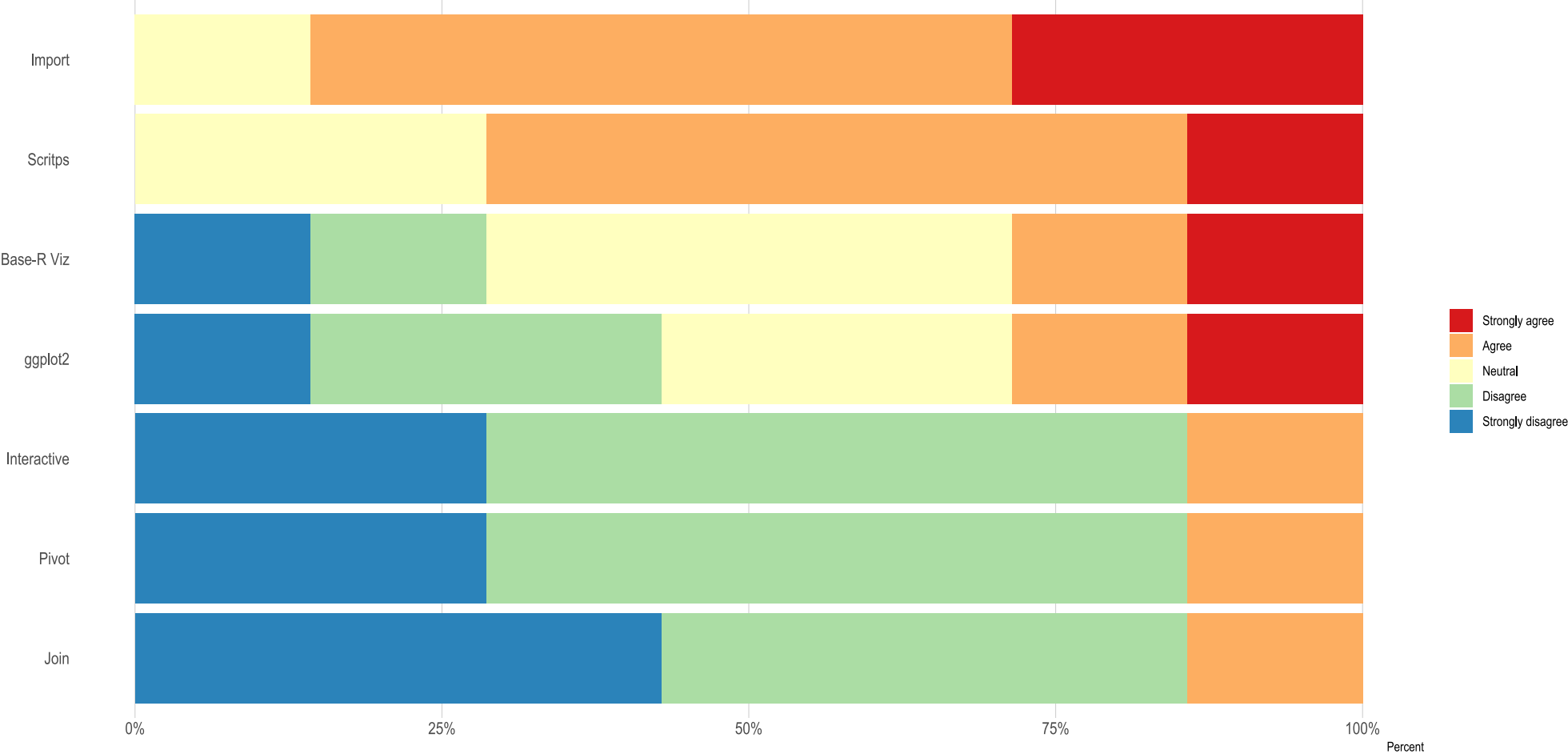
Respondent's use of a tool / technology / technique



Source: CDVS Pre-workshop survey

Self-reported R skills

Respondents feel capable of completing a Tidyverse task



Source: CDVS Pre-workshop survey

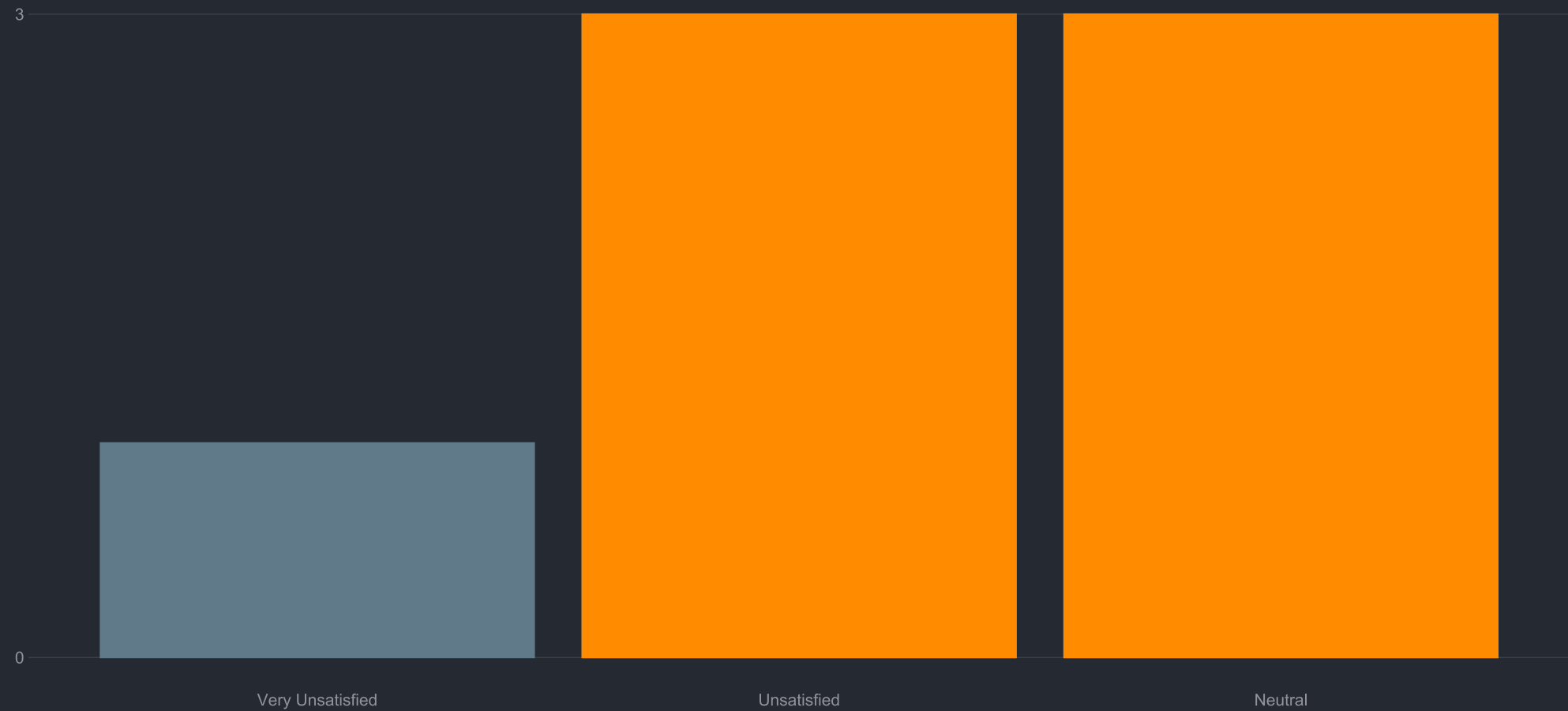
Satisfaction with current visualization tool workflow
self reported



Source: CDVS Pre-workshop survey

Satisfaction with current visualization tool workflow

self reported



Source: CDVS Pre-workshop survey

So let's chat

We're happy to consult with you. We can make the details relevant 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
rfunc flipped codebase	https://github.com/libjohn/rfunc_flipped
exercises	https://github.com/libjohn/intro2r_exercises

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

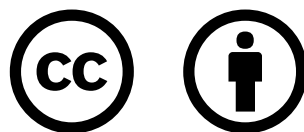
Include commands on a strict “need to run” basis



John R Little

Data Science Librarian
Center for Data & Visualization Sciences
Duke University Libraries

<https://johnlittle.info>
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<https://library.duke.edu/data>



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