

# R for Computational Sciences

*Part 2. Viz, pivot, join, models*

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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)

15:00

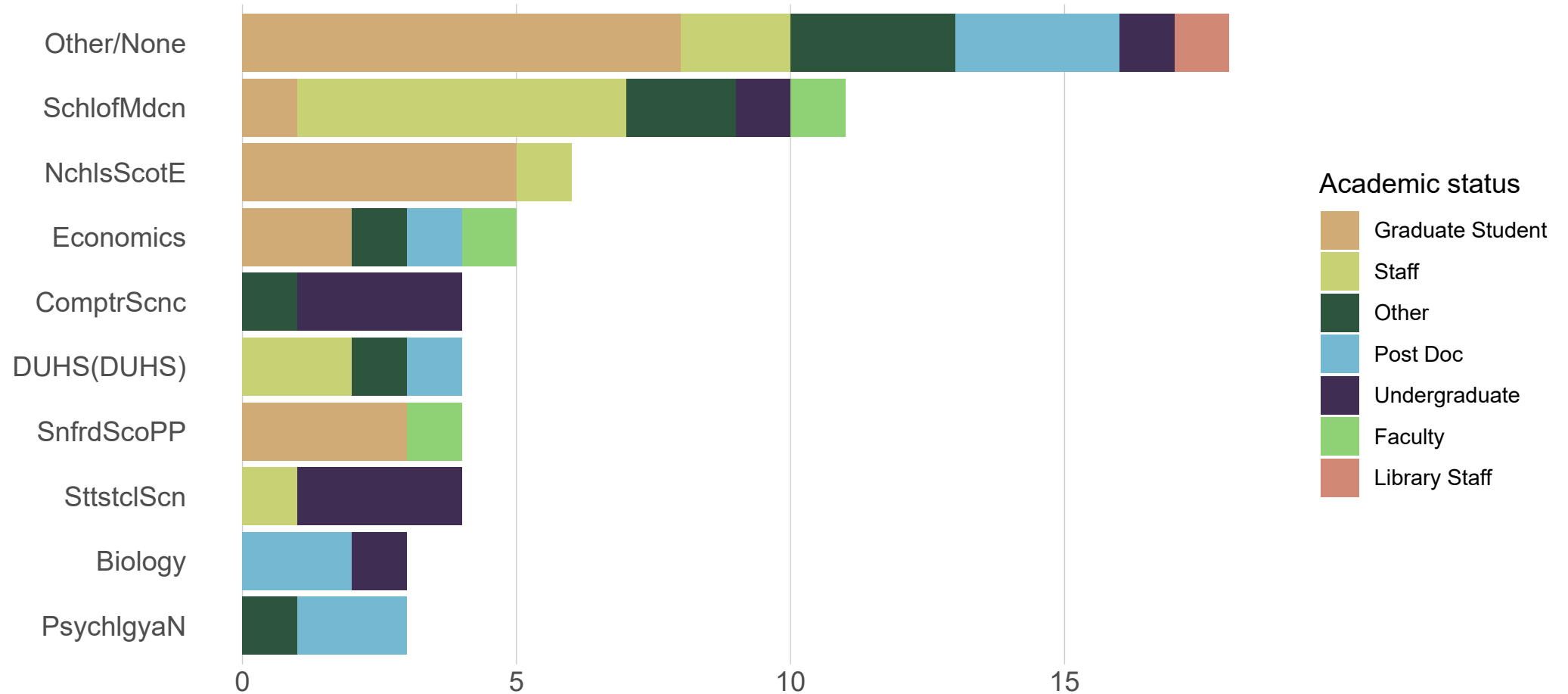
# ***Duke University: Land Acknowledgement***

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

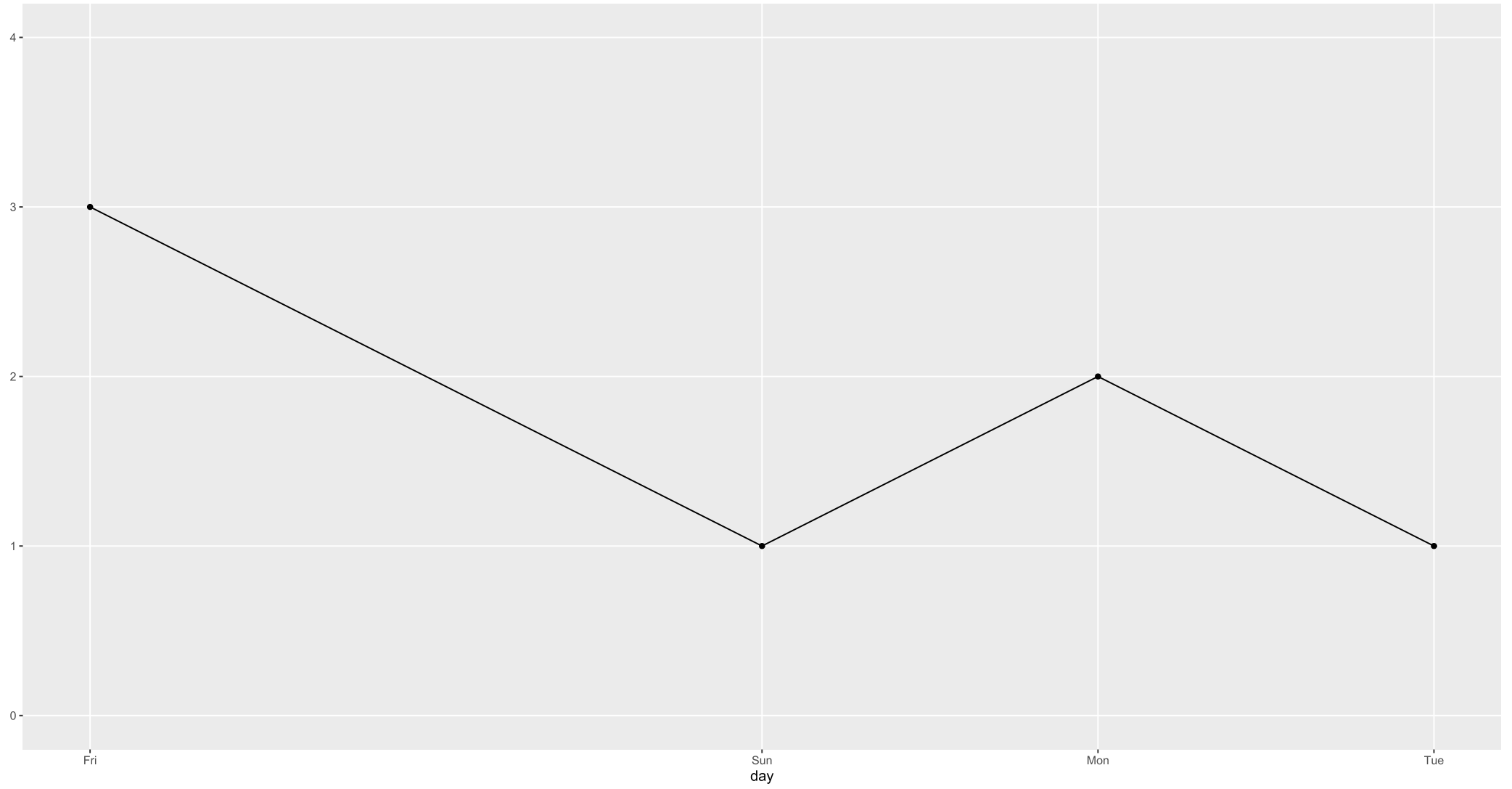
R for data science: visualization, pivot, join, regression



Source: CDVS Workshop Registration

# Response rate over time

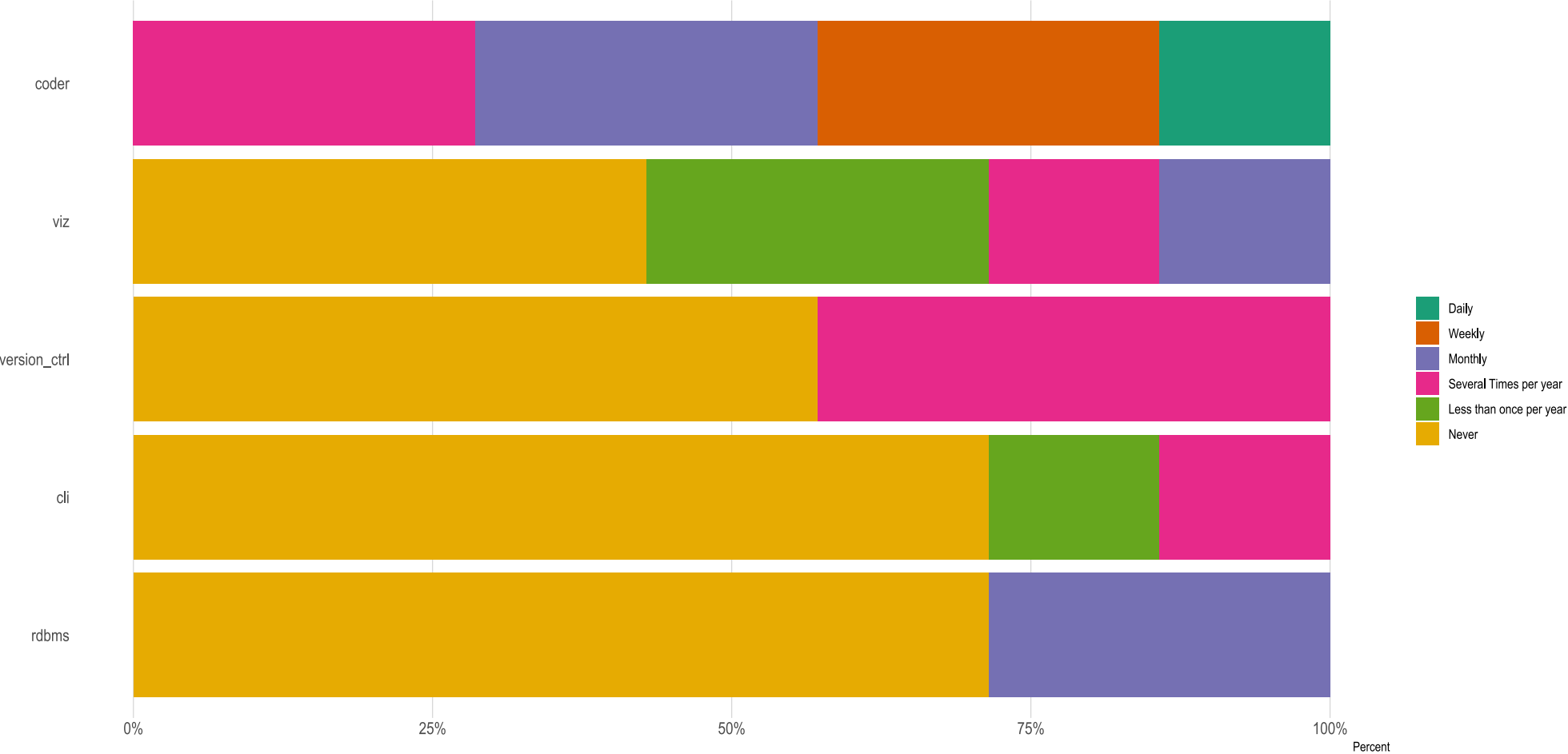
n = 7 ; 11% response rate



Source: CDVS Pre-workshop survey

# Self-reported tool usage

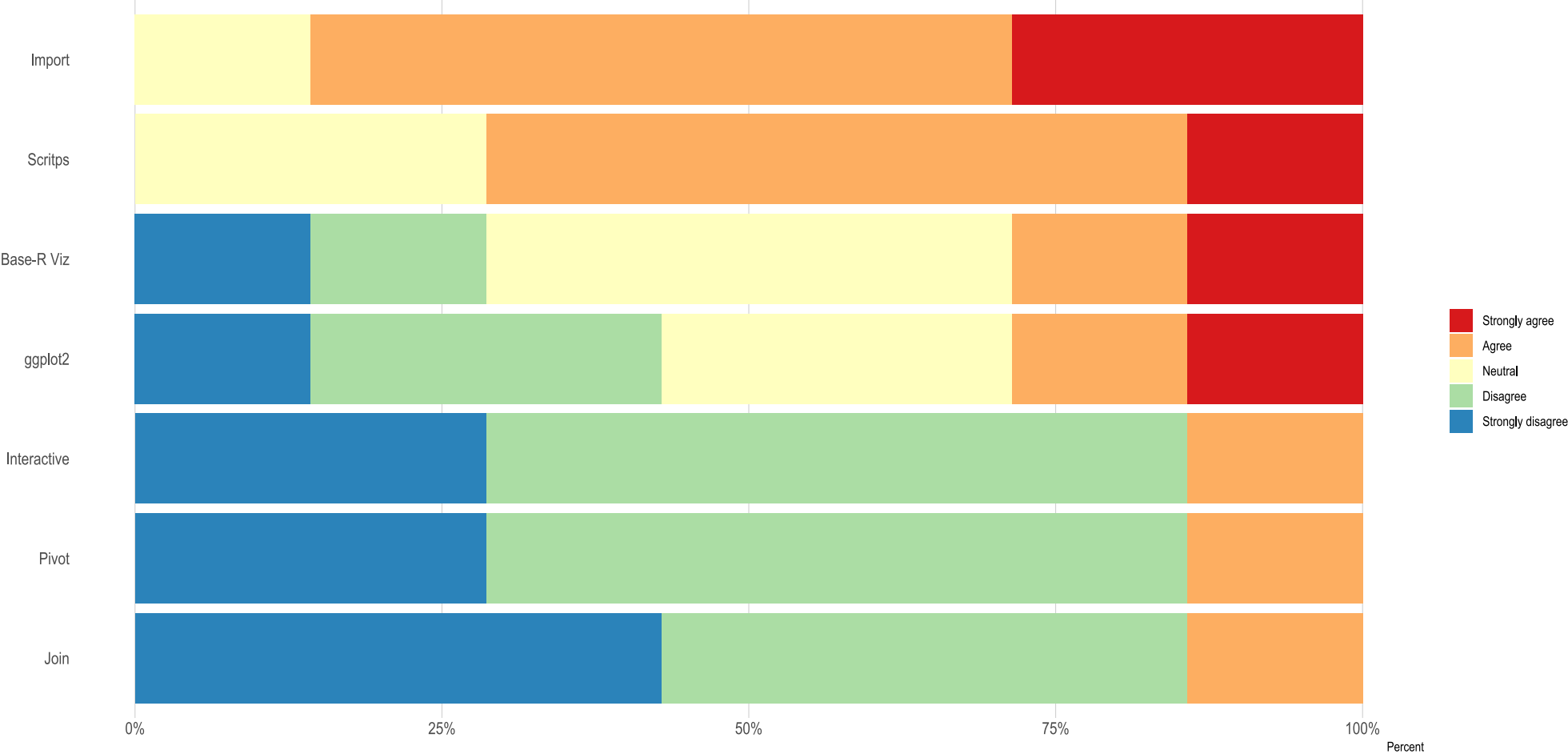
Respondent's use of a tool / technology / technique



Source: CDVS Pre-workshop survey

# Self-reported R skills

Respondents feel capable of completing a Tidyverse task



Source: CDVS Pre-workshop survey



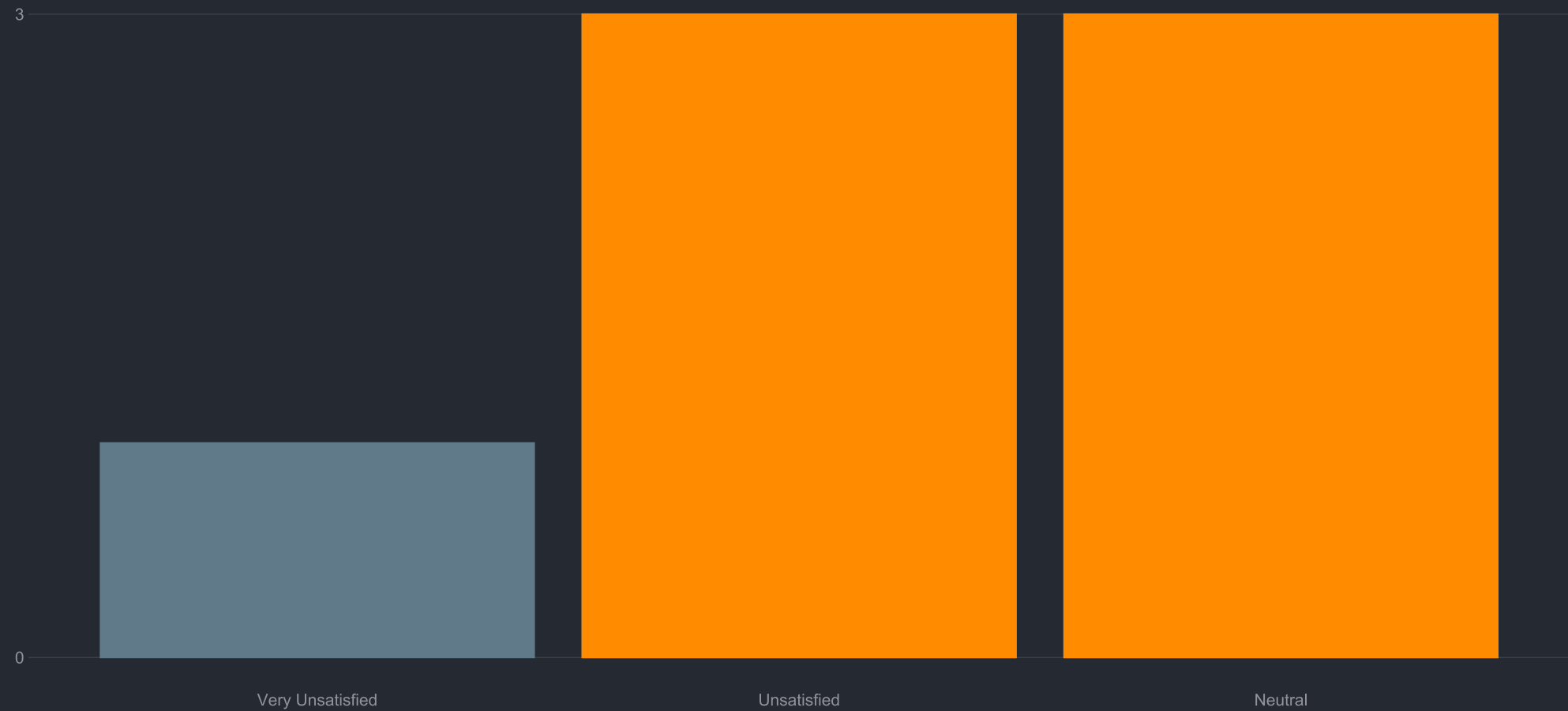
Satisfaction with current visualization tool workflow  
self reported



Source: CDVS Pre-workshop survey

Satisfaction with current visualization tool workflow

self reported



Source: CDVS Pre-workshop survey

# CDVS questions & consulting

Title	URL
Schedule me for consultations	<a href="https://is.gd/littleconsult">https://is.gd/littleconsult</a>
Consulting & <a href="mailto:AskData@Duke.edu">AskData@Duke.edu</a>	<a href="https://library.duke.edu/data/consulting">https://library.duke.edu/data/consulting</a>

## Resources

Title	URL
rfun_flipped codebase	<a href="https://github.com/libjohn/rfun_flipped">https://github.com/libjohn/rfun_flipped</a>
exercises	<a href="https://github.com/libjohn/intro2r_exercises">https://github.com/libjohn/intro2r_exercises</a>
Rfun	<a href="https://rfun.library.duke.edu">https://rfun.library.duke.edu</a>
Center for data & Viz	<a href="https://library.duke.edu/data">https://library.duke.edu/data</a>

# ***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

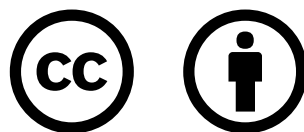
Include commands on a strict “need to run” basis



# ***John R Little***

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

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



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