

Bridging the gap between theory and practice

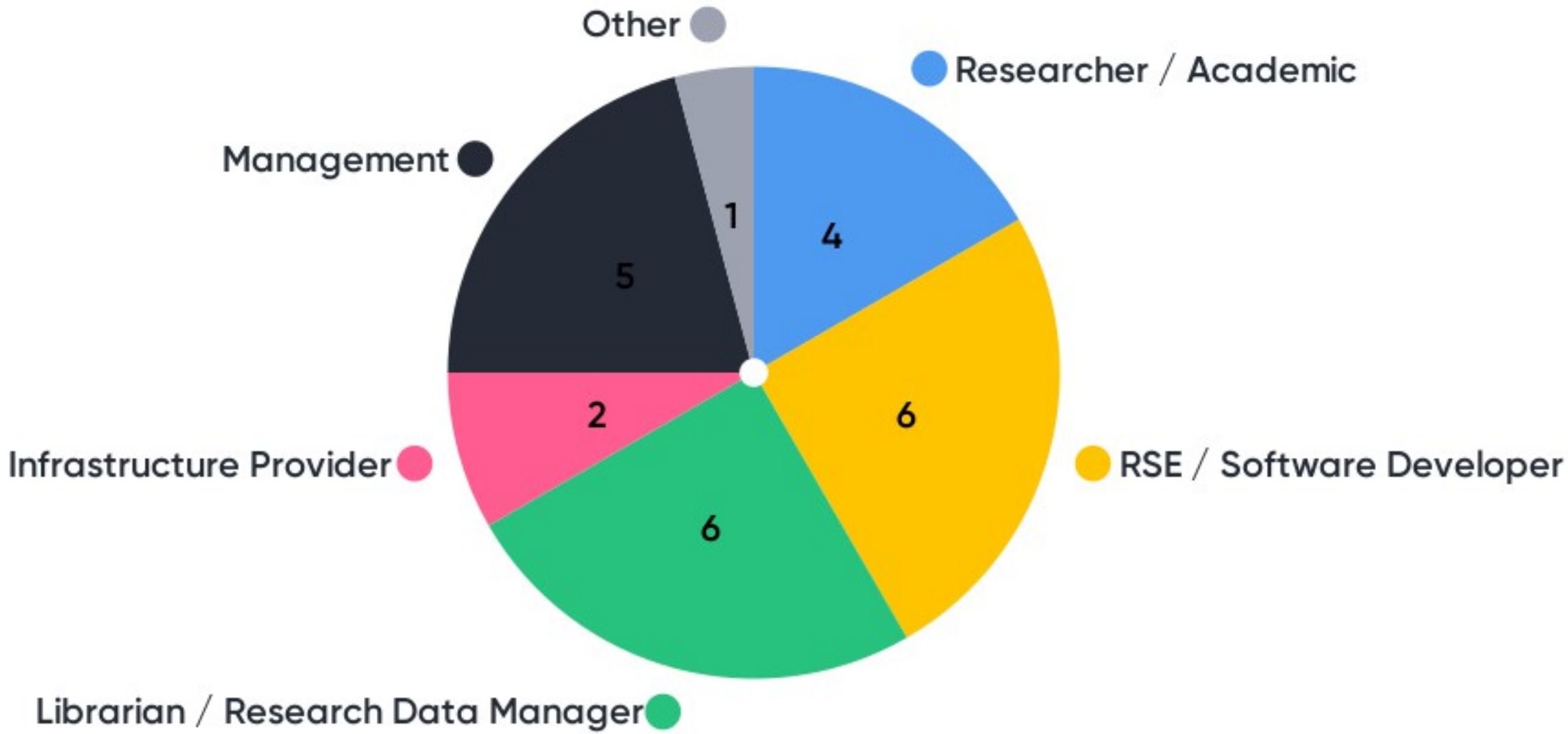
Kirstie Whitaker, ATI

Jon Johnson, CLOSER, UCL

Frances Madden, FREYA, BL



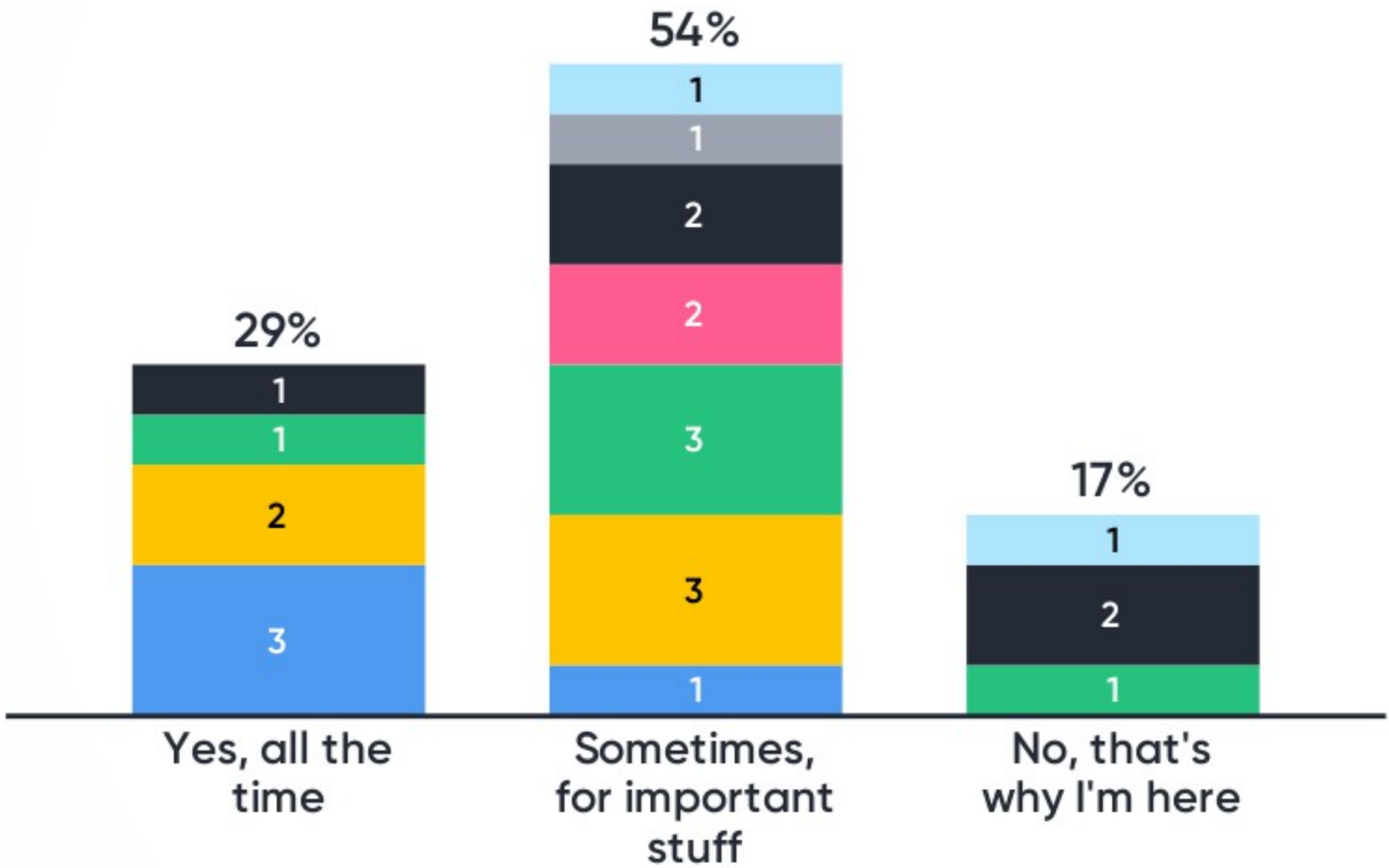
What's your main role?



What are the three pieces of software you use the most for your work?



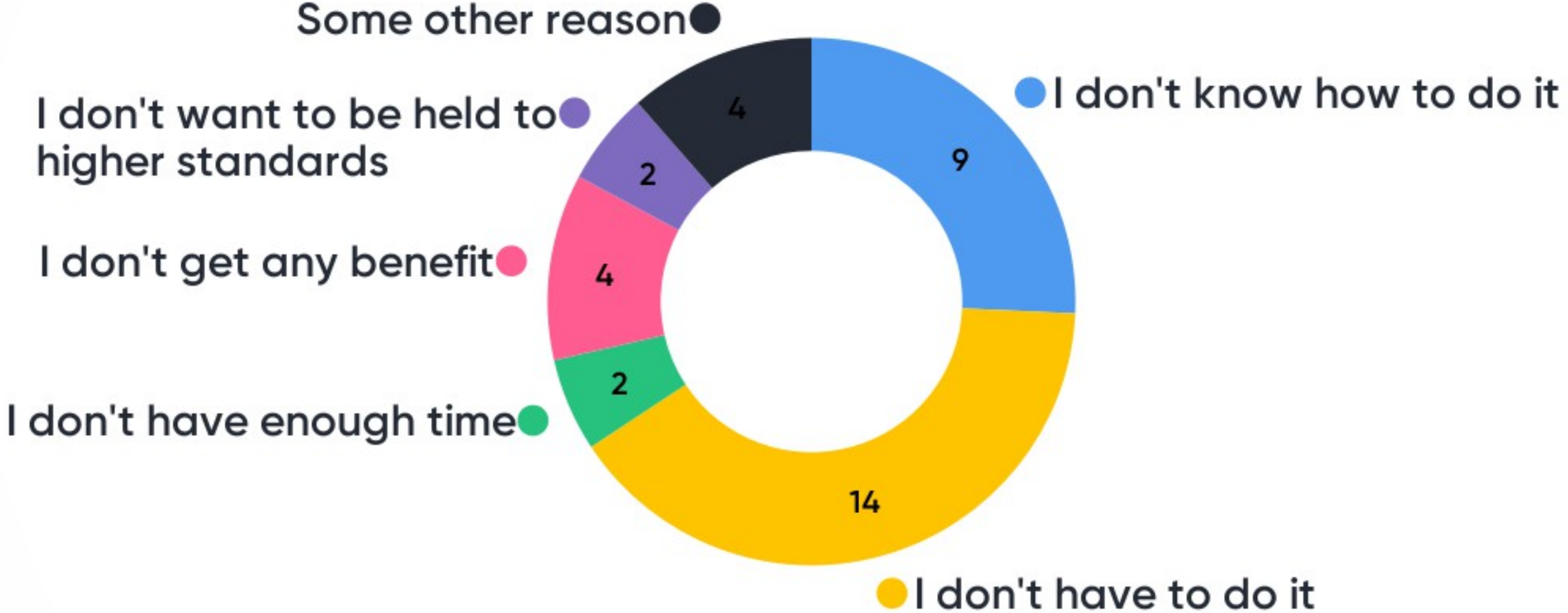
Do you regularly cite software in your publications?



What's your main role?

- Researcher / Academic
- RSE / Software Developer
- Librarian / Research Data Manage
- Infrastructure Provider
- Publisher / Editor
- Management
- Other
- Unknown

What's stopping you from citing software?



Why do you want people to cite software



Credit



Reproducibility



Transparency /
Accountability



Track usage



Discoverability

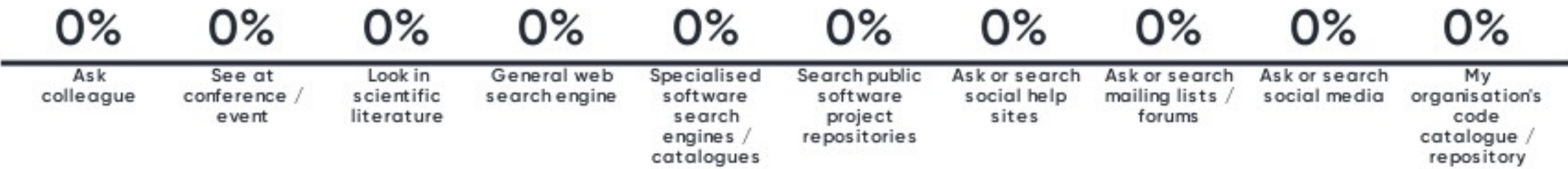
What's your main role?

- Researcher / Academic
- RSE / Software Developer
- Librarian / Research Data Manager
- Infrastructure Provider
- Publisher / Editor
- Management
- Other
- Unknown

What's your preferred way of referencing software in a publication?



How do you find software to use?



What don't you understand about software citation?

How to balance the two very different goals of citing software

Why we are still using such an old fashioned author list system?

Why academia who use software don't see software as something to reference. I think that is the biggest barrier and all of what we have spoken about (how, when, where, etc) is secondary. The culture change.

Why do publishers still do page limits in 2019?

how well the recommended citation mechanisms across disciplines fit into established credit systems (or not)?

The line between referencing in text and citing in the citations list seems arbitrary

Levels of ownership are often complex; as discussed during the workshop e.g. in RSE context: institution, project, research group, individuals. Doable to tackle though!

how to connect and interact with "authors"/developers of software?

Why we don't have a software citation index.



What don't you understand about software citation?

How to achieve both reproducibility and credit

How to get publishers to require software citation?

How do we ensure credit for doc writing and reviewing PRs as well as writing code?

Can I put both a Zenodo DOI (for reproducibility) and a GitHub URL (for reuse) into one reference?

Ok, fine, but why include references in the page limit.

when to reference or not for given scenario needs more iteration

How do you convince funders of the systemic benefits of citation as an impact model, compared to more direct metrics?

what should be the standard to use, so that it is persistent especially if the developers haven't published Also where do the panel stand around social media citations eg in altmetric

When software citation is normal, how will it be gamed?



What don't you understand about software citation?

I want to follow everyone here on social media, can you facilitate that?



What's the biggest challenge to software citation?



Did you enjoy this panel?

Yes! & Absolutely! win!



Yes!



Absolutely!

Definitely!

Wrap-up

Upcoming events

- Carpentry Connect Manchester, June 2019
- DataCite Client Meeting, July 2019
- FORCE2019, Edinburgh, October 2019

Now and next

- Now: Thank you for a great Day 1 (don't forget to return your badges)
- Next: Down and Out in the Magic Kingdom: Software citation as incentive mechanism design
- Day 2: Requirements, Challenges and Solutions