

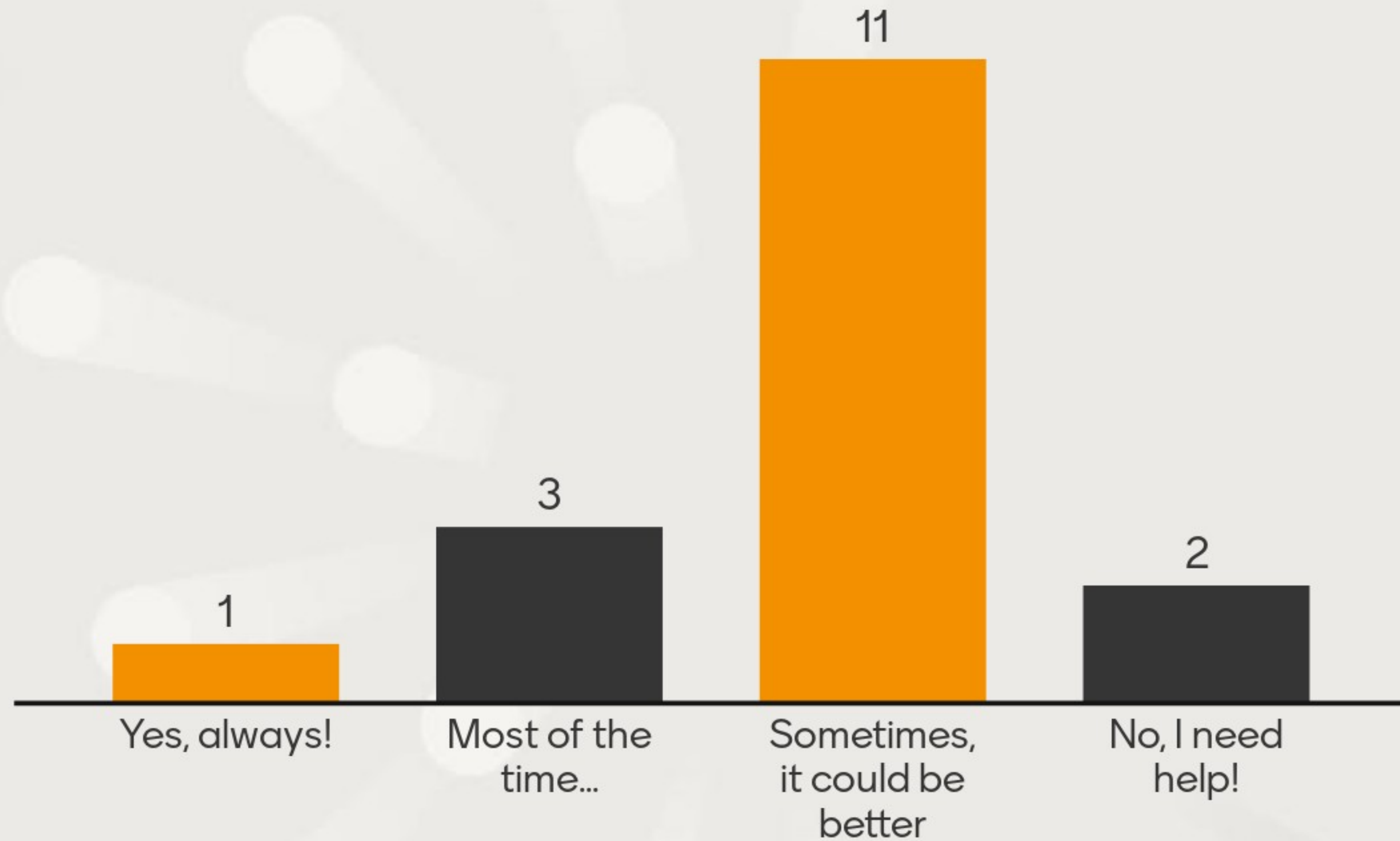
In which country do you currently work?



Which types of data do you work with?



Are you confident in your research data management workflow?



What do you wish you knew about research data management at the start of your career?

that it existed!

How to store analyses methods in details

How to best manage data. I had no clue!

annotation of data

many many things...

command line familiarity

FAIR principles (which didnt exist back in the day)

where to even start

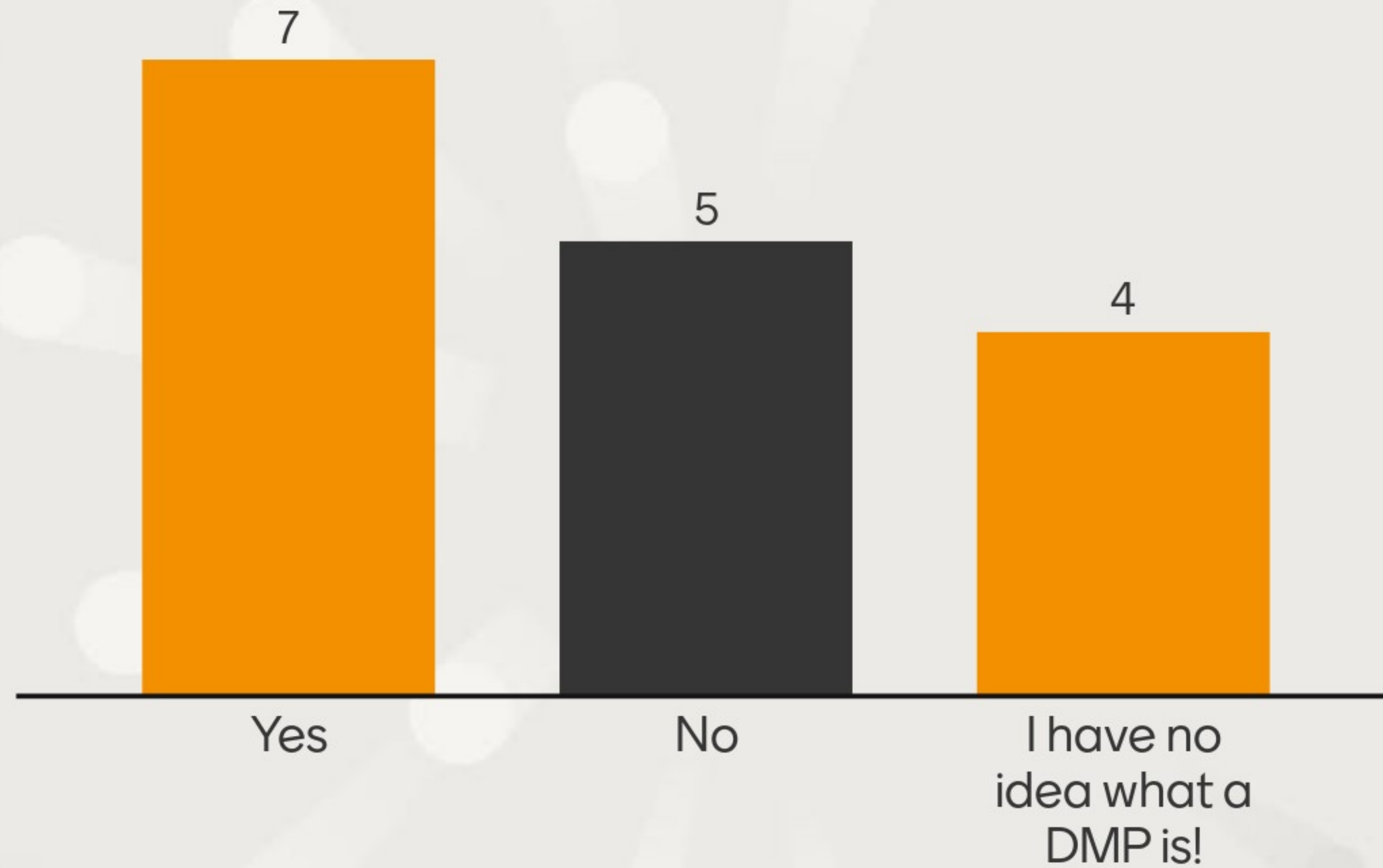
how to manage data

What do you wish you knew about research data management at the start of your career?

versioning

Importance of it

Have you ever created a data management plan (DMP)?



What are your thoughts about sharing your data? (Positive or negative!)

positive

positive

Positive

Positive

Positive !

positive

positive

Positive

more on the negative due to dealing
with patient data

What are your thoughts about sharing your data? (Positive or negative!)

positive

positive

positive

positive as long as it doesnt add to
work load

positive but often it's hard to do it
without a help from bioinformatician

truth

clarity

yes

yes

What are your thoughts about sharing your data? (Positive or negative!)

yes

difficultes to reproduce natural
conditions

yes

depends

no

What does reproducibility mean for you?

science

Having reliable data

That you have all the data necessary to reproduce the findings

able to obtain the same result using the same dataset by a different analyst

if somebody else does the experiment it will give the same results

Ability for an independent person to validate your data or observations

anybody can repeat the results using the described setup.

others can repeat my experiment or analysis

meaningfulness

What does reproducibility mean for you?

Same conditions, same results

a study done properly

yes

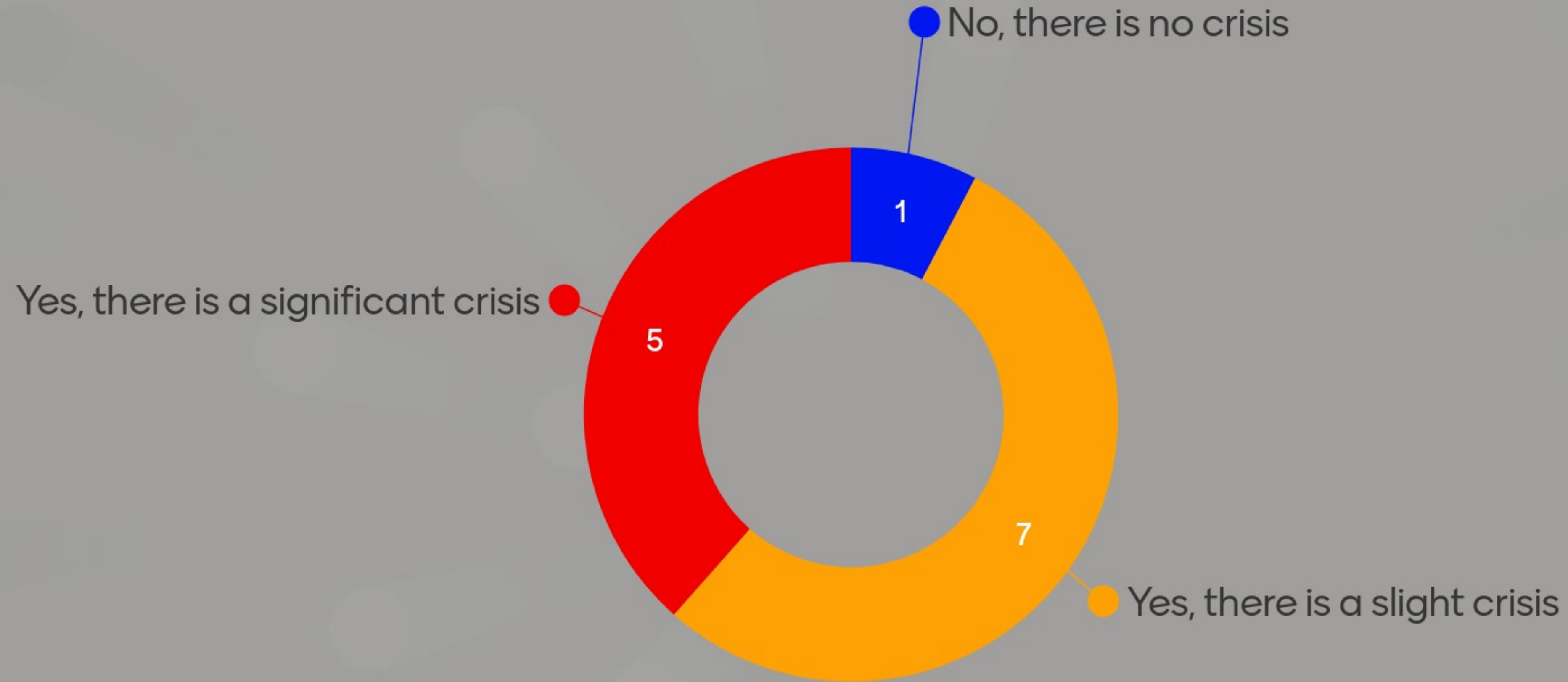
reliability

yes

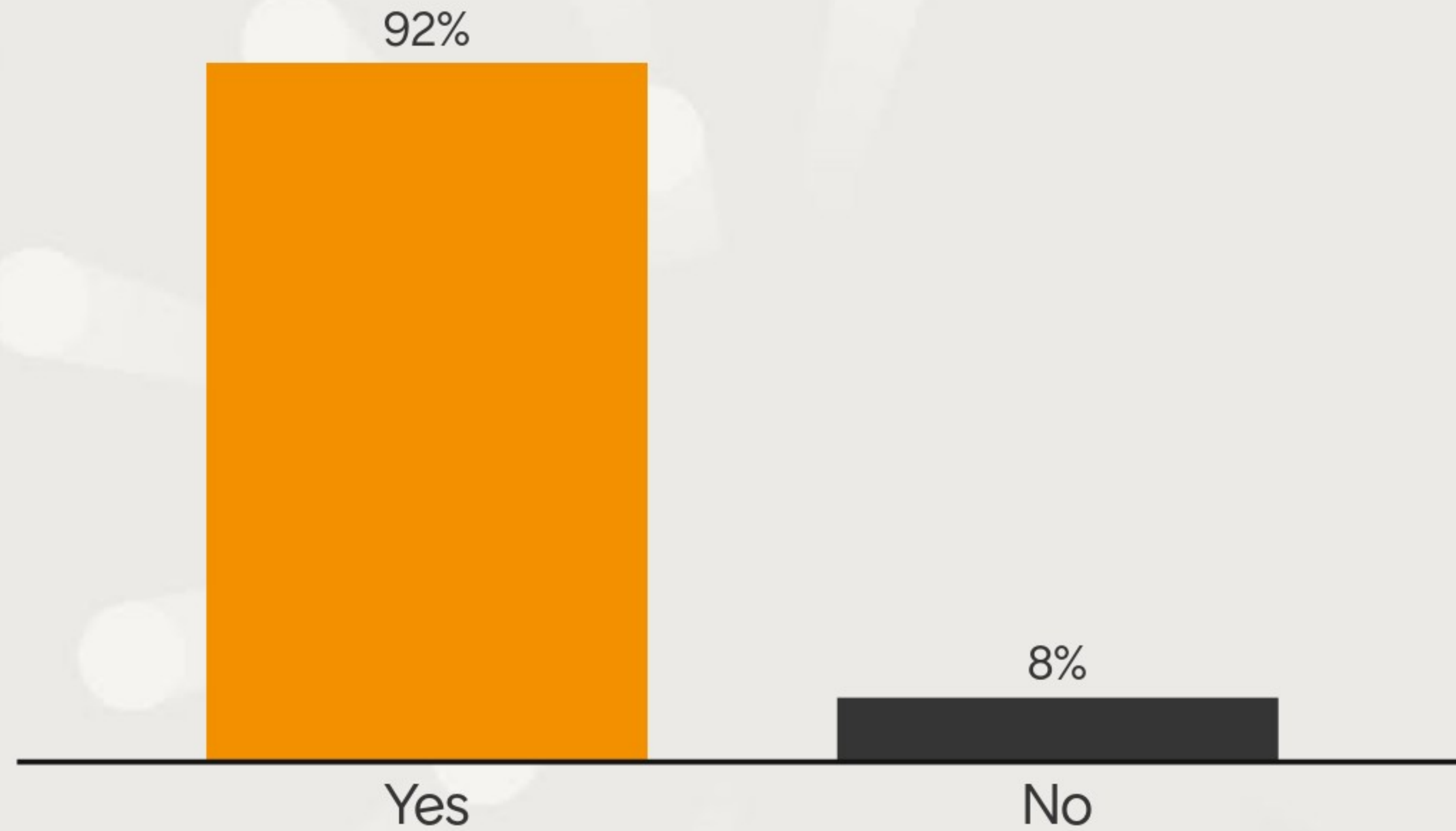
no

not enough information available for reproduction

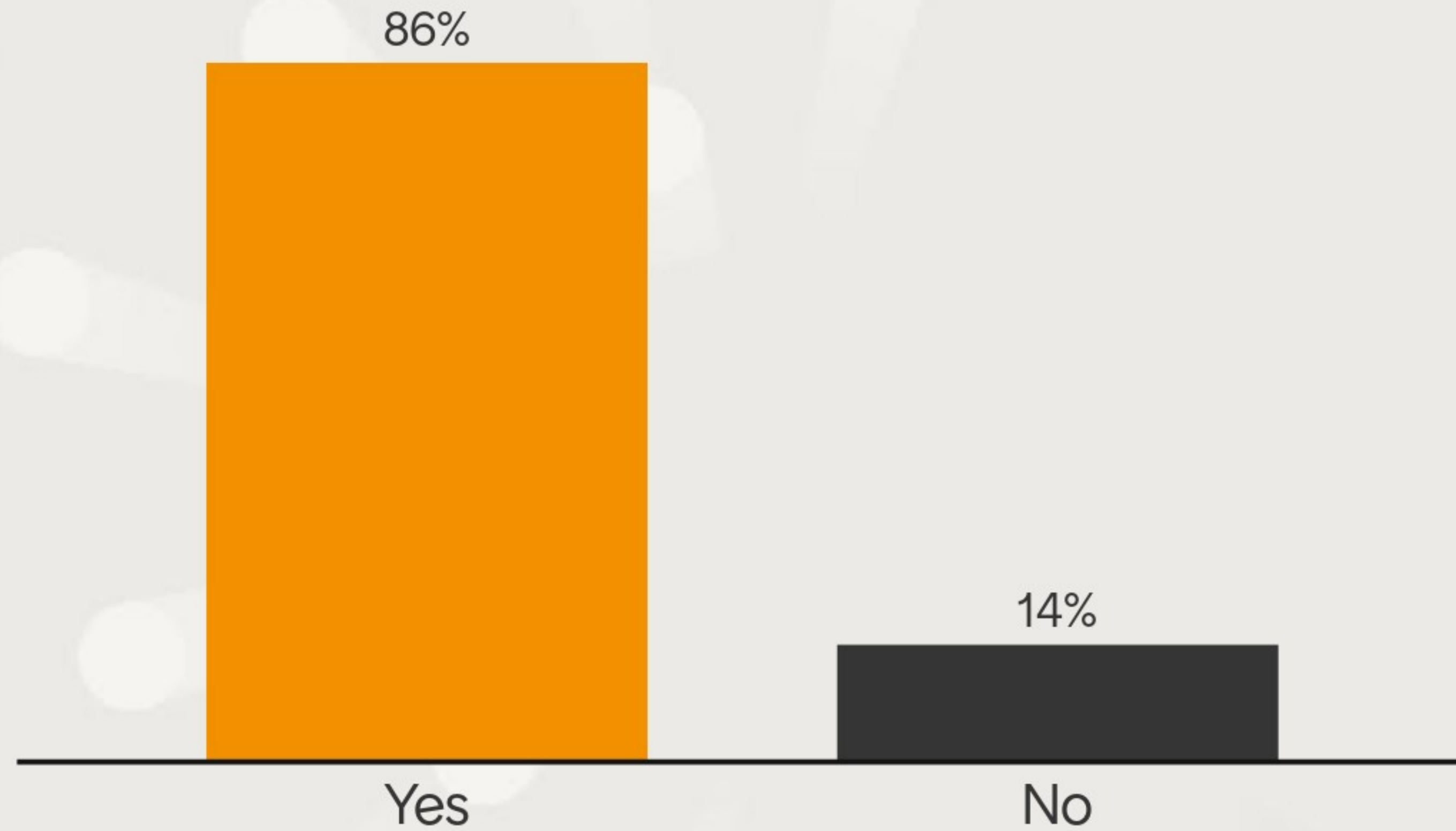
Is there a reproducibility crisis?



Have you ever failed to reproduce someone else's results?



Have you ever failed to reproduce your own results?



What do you think the reasons were for you not being able to reproduce this work?

poor initial design - under powered study

analysis not robust

reagents

interpreted noise as significant

not enough details in the methods

Overlooking critical experimental details and reagents

biological variation

bad documentation of procedure, missing information

biology per se

What do you think the reasons were for you not being able to reproduce this work?

Low details on the approach

Poor analyses previously undertaken

Experimental conditions are not always the same due to working with human cells and tissues. Too many variables.

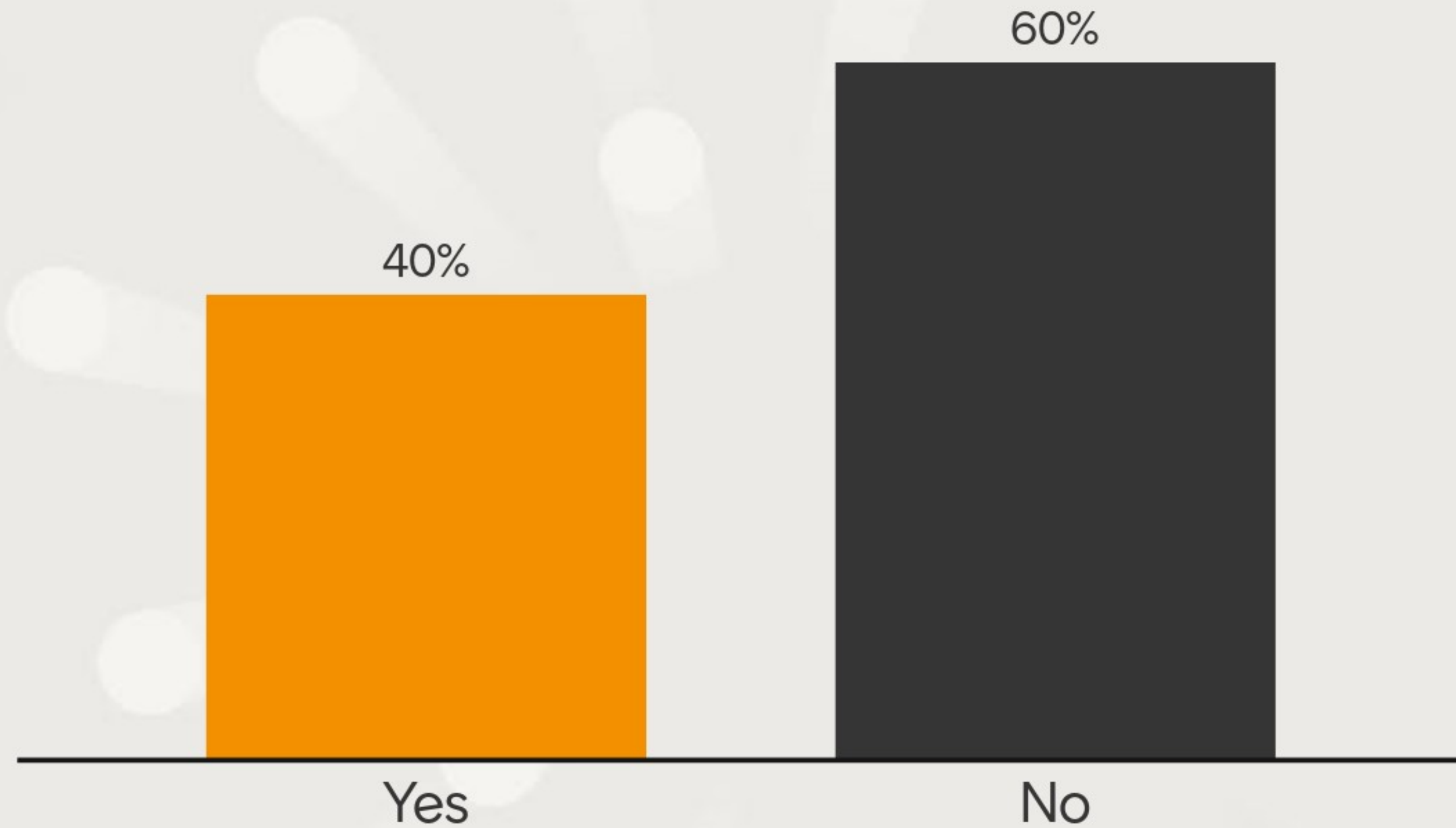
initial study had a different design but not declared or judged important to report Also statistical power different between their and my study

small signal to noise

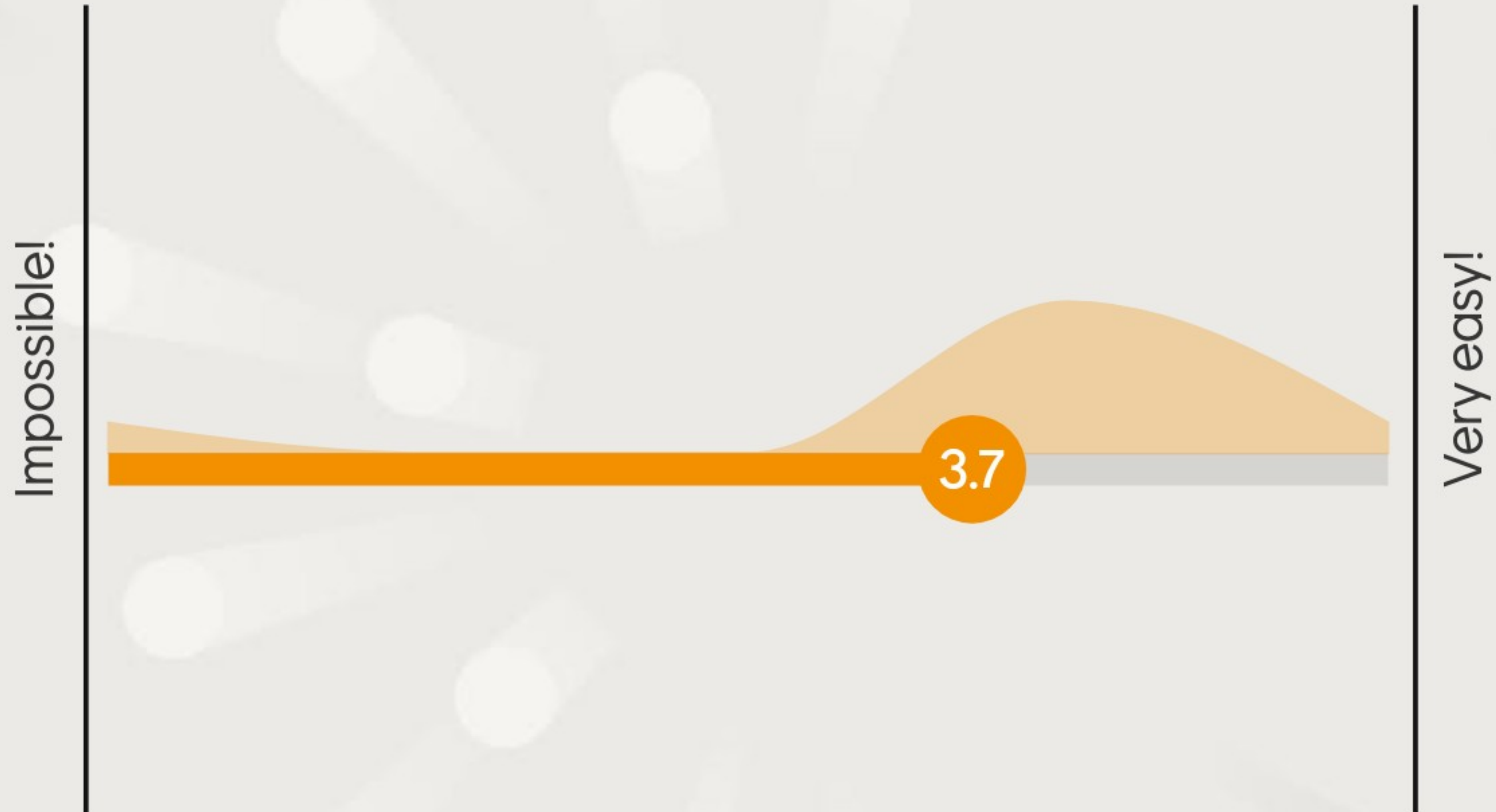
Cell lines

very specific conditions used , bias

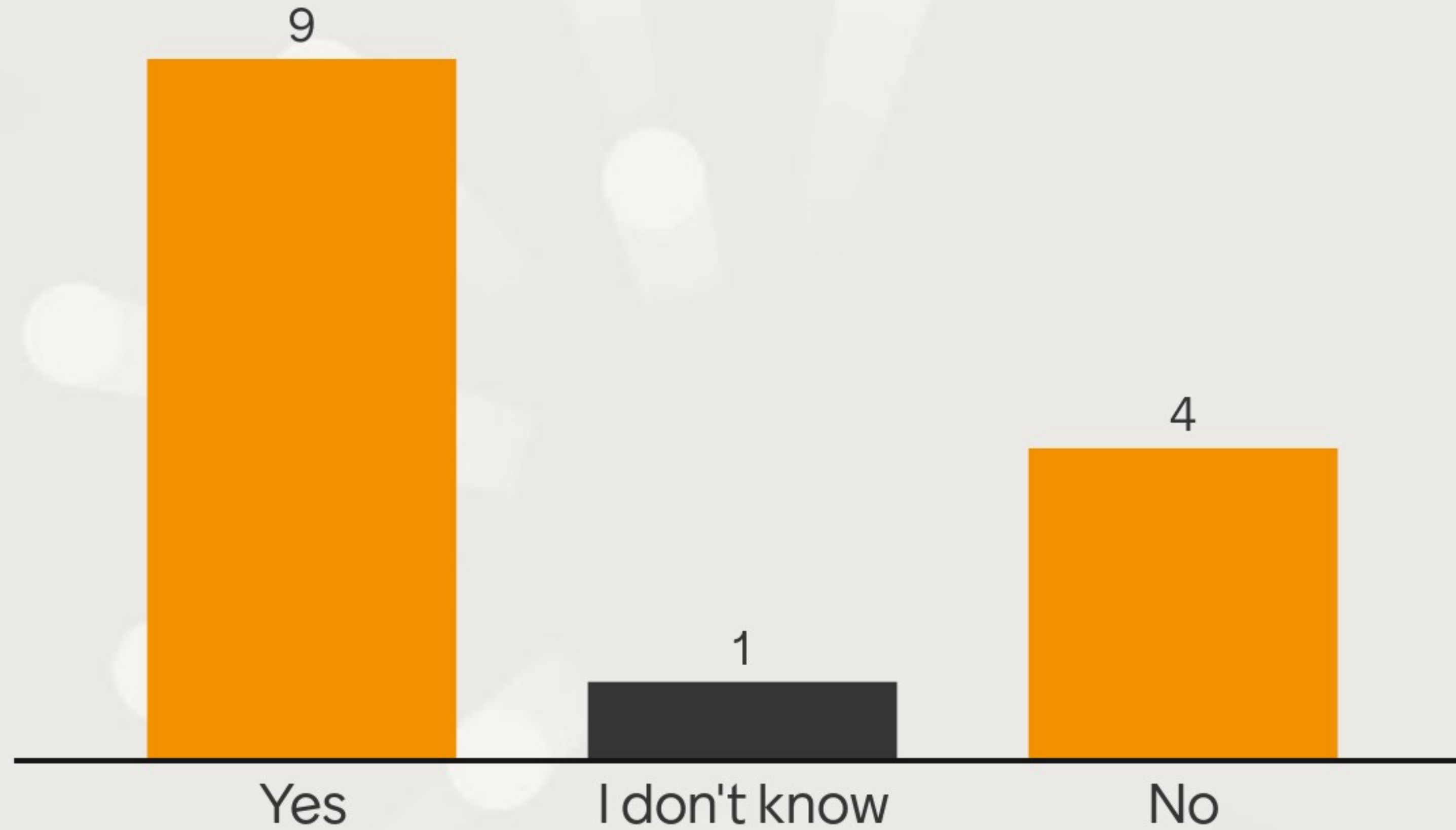
Have you ever been contacted about data supporting a research paper?



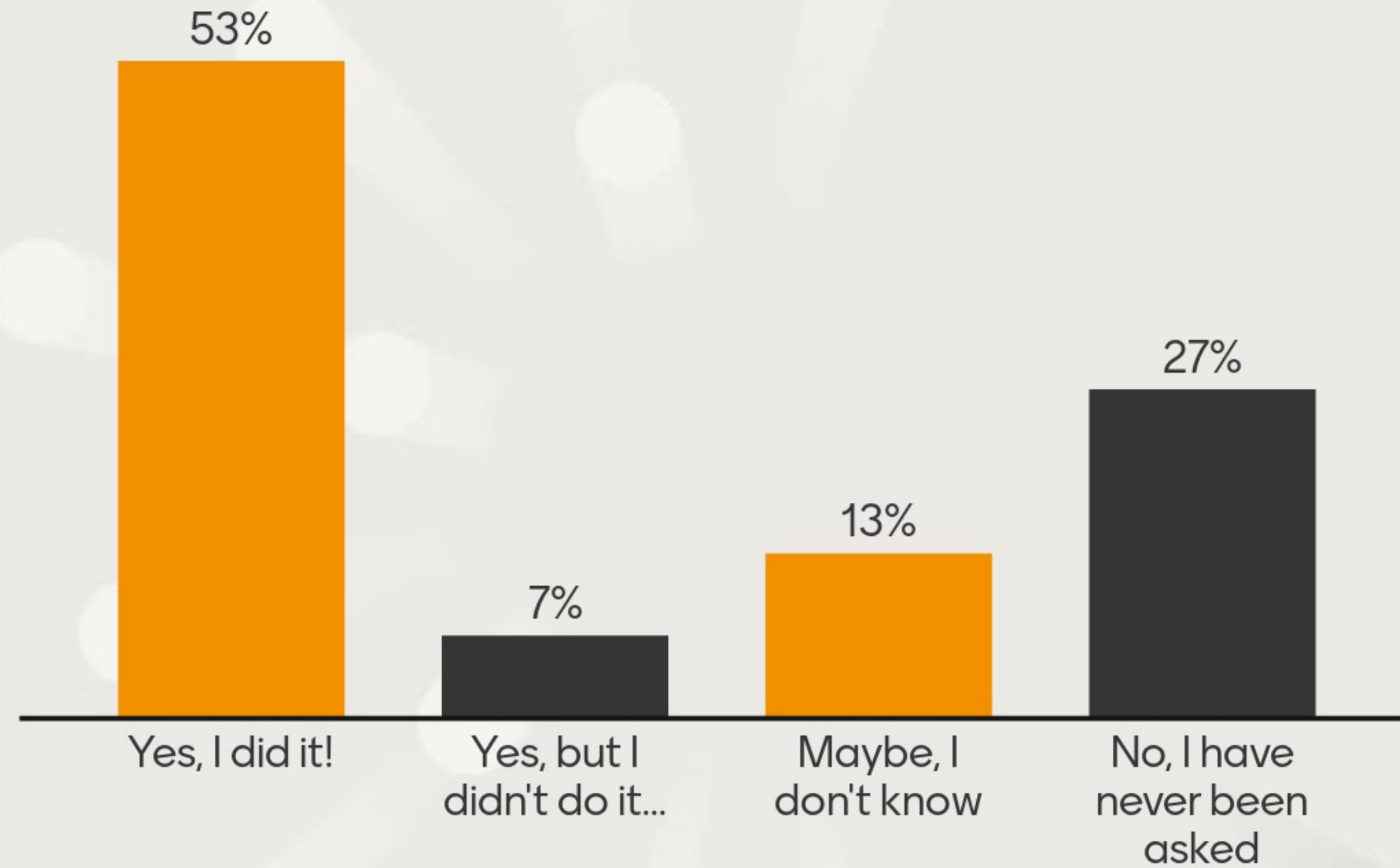
If *yes*, how easy was it to find and provide the data?



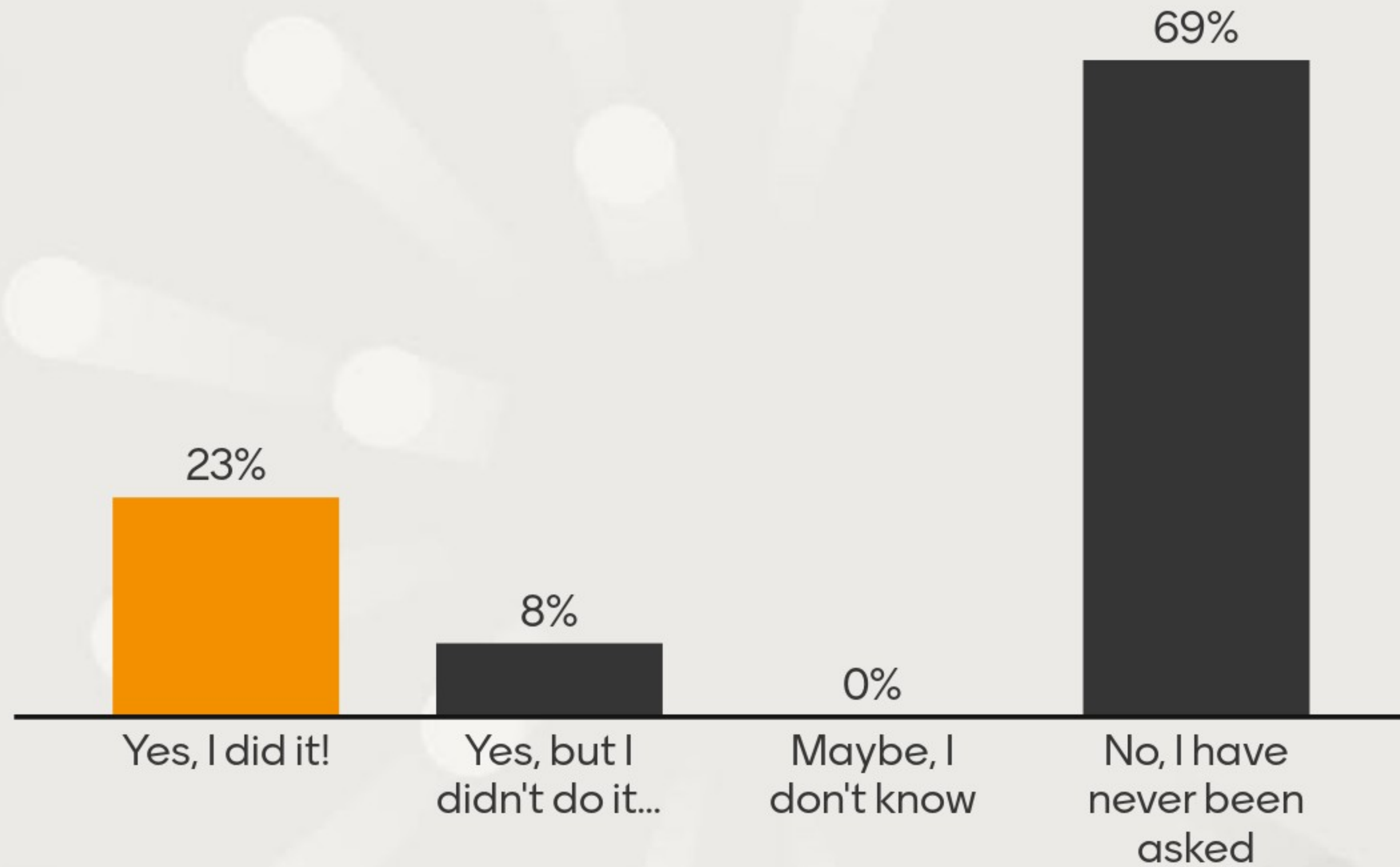
Does your institution have policies on research data management and data sharing?



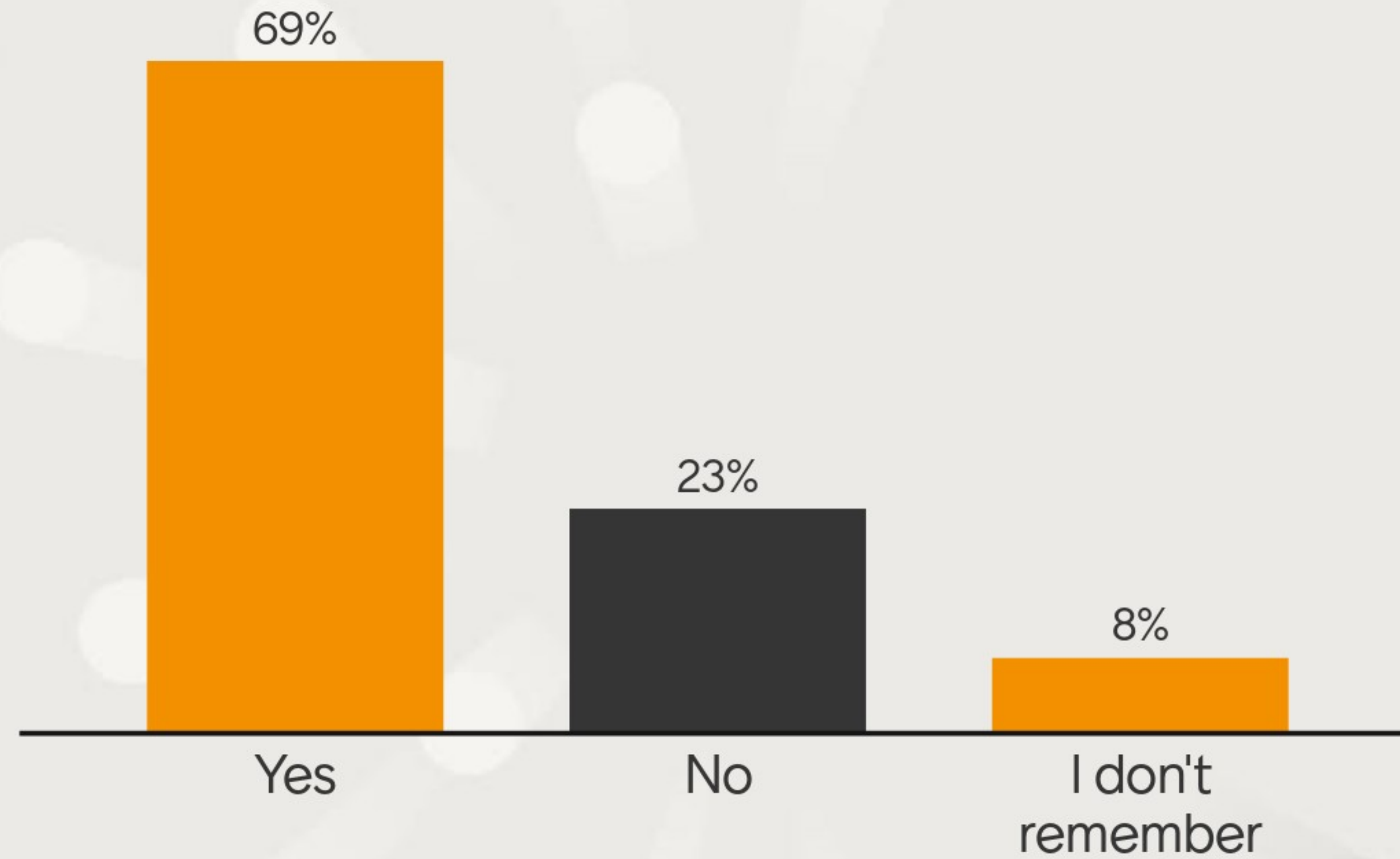
Have you been asked to publish your data by a journal?



Have you been asked to publish your data by a funding organisation?



Have you ever used a repository to publish your data?



If 'yes', which repository have you used?



If 'yes', what were the benefits?

nothing

No direct measurable benefits

Contribute to share results, as I used others results

CV

Direct enquirer to the sra

Long term data storage and findability

it was demanded by the publisher :)

no need to store large data set locally

share with colaborators

If 'yes', what were the benefits?

patents

waiting for patent

If 'no', can you tell us why you haven't used a repository?

was not required

GDPR concerns with personal data

data were under patent

sometimes the procedure to submit the data is too complicated

Takes time to organize in shareable form

The grant was from an industry partner

Size of the data set

How do you feel after Part I?!



What did you learn from this session that you didn't know before?

sherpa juliet, menti

Nice to see the potential for data organization