

# Do Participants Care If We p-Hack Their Data?

## A Registered Report

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We know what scientists think of QRPs, but maybe we're biased. What do participants think?

We asked about:

- p-hacking
- HARKing
- File-drawing
- Fraud
- Data sharing
- Open methods
- Replication
- Open access

**Pilot Study**

N = 303 undergrads

**Registered Report**

Planned N = 1,574

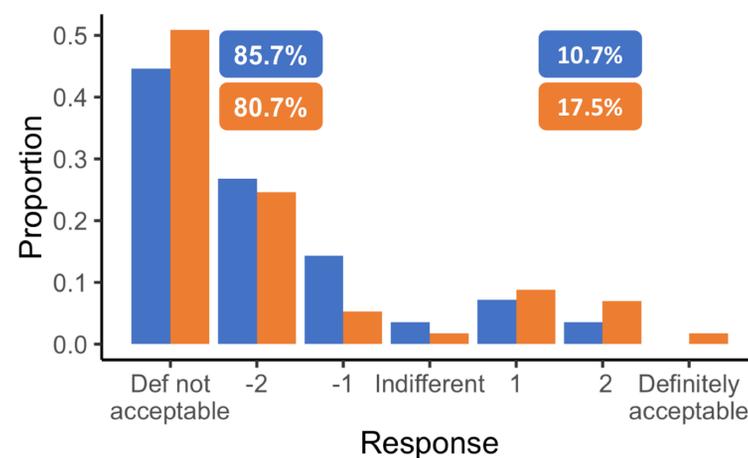
- undergrads & MTurkers
- 10+ studies
- 3+ universities

Got questions? Email me at [jbottesini@ucdavis.edu](mailto:jbottesini@ucdavis.edu)

### p-hacking

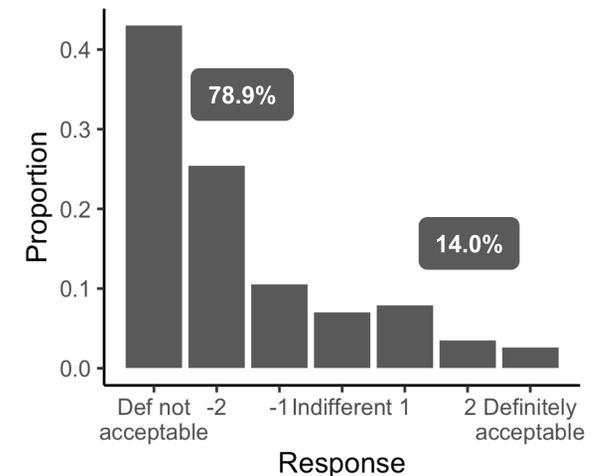
Imagine the researchers analyzed the data several different ways and, in the article they publish reporting this study, **only reported some of the results.**

Imagine the researchers analyzed the data several different ways and, in the article they publish reporting this study, **only reported the results that came out the way they predicted.**



### HARKing

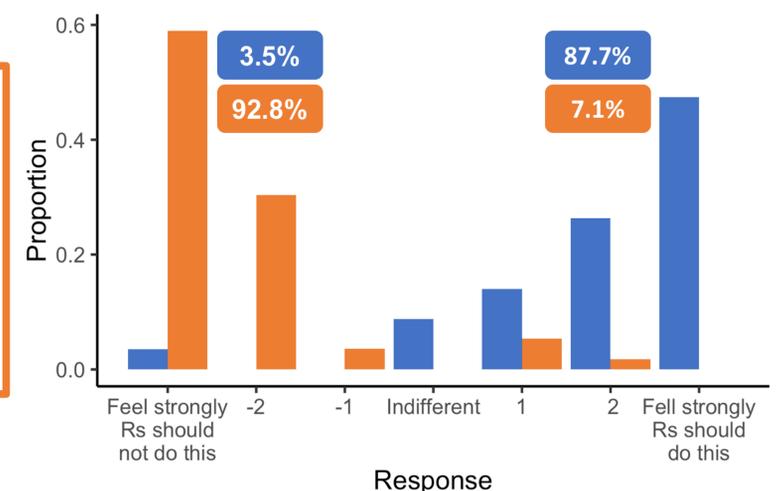
Imagine that the researchers discover something they had not predicted and, in the article they publish reporting the results, present it as if they had predicted it from the start.



### Open methods

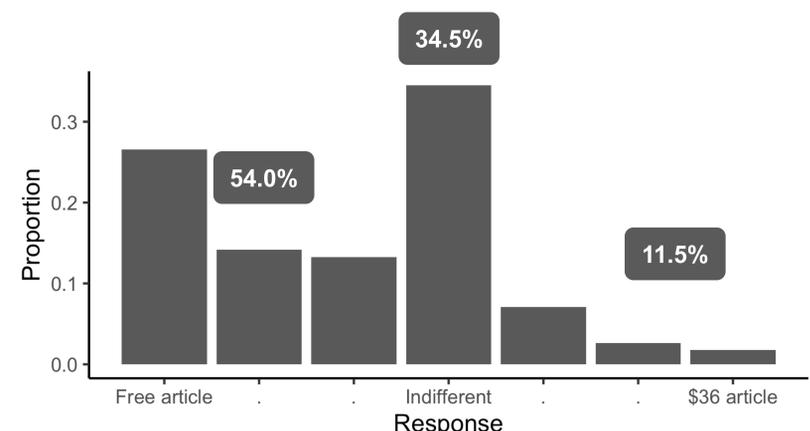
How would you feel if the researchers publicly posted enough information about how they did the study (their methods, procedures, etc.) so that another researcher could try to replicate their study?

How would you feel if the researchers provided too little information about how they did the study (e.g., did not post the methods, procedures, etc. in enough detail), making it hard for another researcher to try to replicate their study?



### Open access

Some scientific journals are free for anyone to download, and some charge money to download articles. How much do you care about whether the results from this study are published as an article in a free journal vs. a journal that charges \$36 per article?



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