

THE REPLICATION CRISIS IN PSYCHOLOGY: CURRENT ATTITUDES FROM STUDENTS AND ACADEMICS

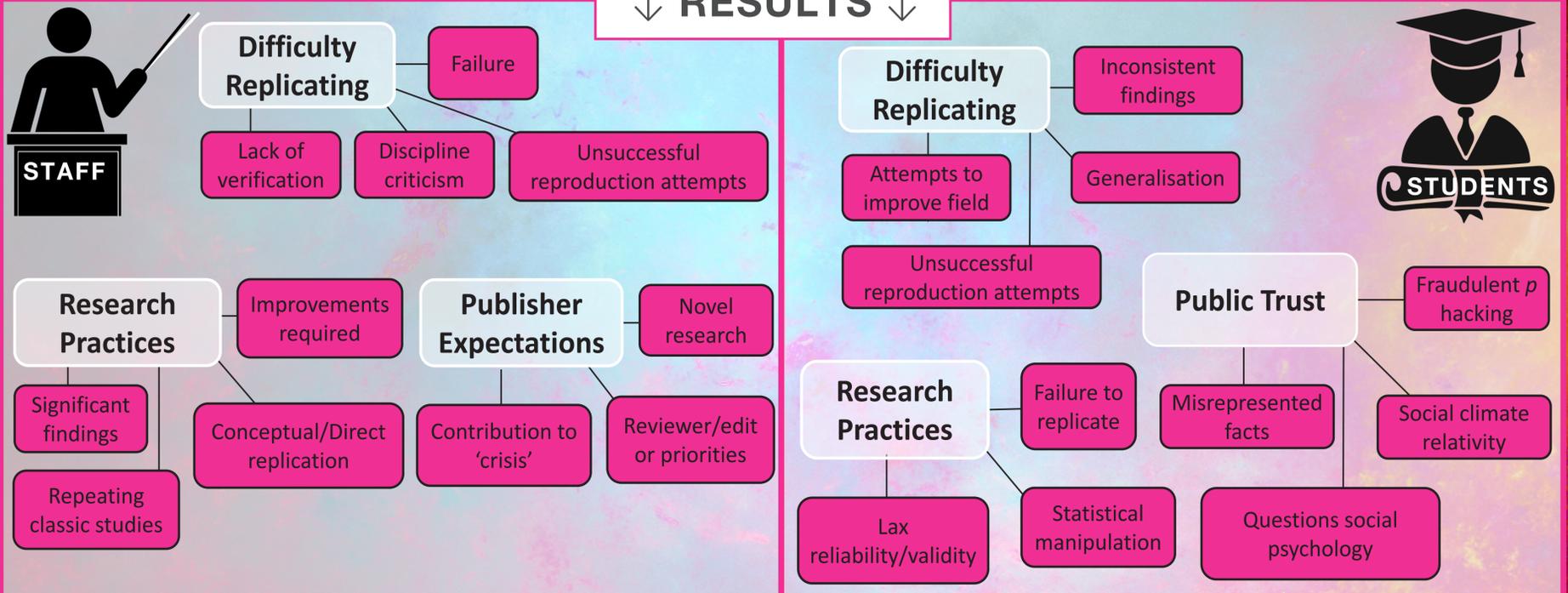
↓ INTRODUCTION ↓

- Psychological research is said to be in crisis [1], based on the lack of and increased difficulty in replicating results
- This is influencing how psychology is perceived by students and academics, and their trust in the subject
- Psychological research requires openness and transparency [2].
- Current research is limited to reproducing published work [3], rather than current attitudes and opinions from those in the field.

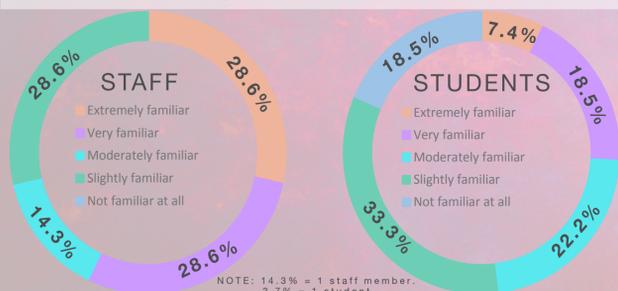
↓ METHOD ↓

- Online questionnaire: 7 staff, 27 students, School of Psychology University of Lincoln.
- Questions: defining replication crisis, replication at Lincoln, publishing replicated work and factors contributing to failure and improvement in replicability of results.
- Thematic analysis: on participant definitions of Replication Crisis.

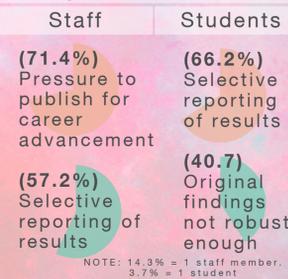
↓ RESULTS ↓



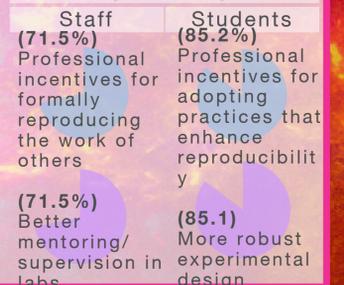
How familiar are you with the term 'Replication Crisis?'



Top contributors for the failure to reproduce results:



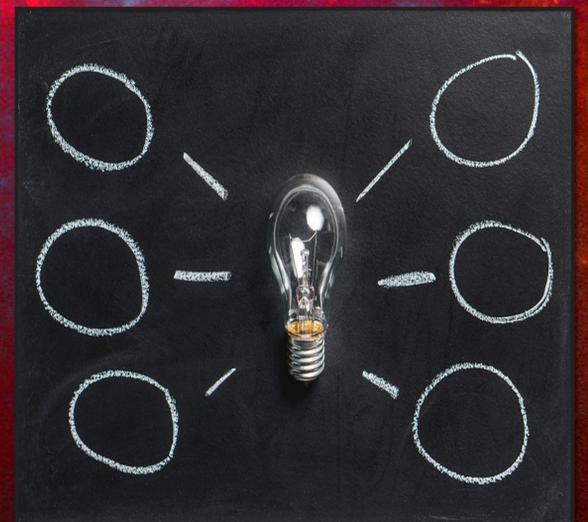
Top factors most likely to improve replicability:



↓ DISCUSSION AND CONCLUSION ↓

- Findings show staff and students describe the replication crisis as a difficulty faced in the field.
 - Staff highlight publisher expectations whereas students talk about psychologists active contributions.
- Further investigation is needed via focus groups to discuss crisis solutions.
 - Universities should encourage teaching and practicing replication.
 - The project addresses a gap in literature by asking for the views of those actively involved in psychology.

Overall, the replication crisis is acknowledged as a concern within the field of psychology by members of the School of Psychology at the University of Lincoln. There are strong opinions and ideas on the restrictions and solutions to overcoming the crisis that could be implemented immediately.



REFERENCES

- [1] Hughes, B. M. (2018). *Psychology in crisis*. Chippingham: Macmillan International Higher Education.
- [2] Chopik, W. J., Bremner, R. H., Defever, A. M., & Keller, V. N. (2018). How (and whether) to teach undergraduates about the replication crisis in psychological science. *45*(2), 158-163. <https://doi.org/10.1177/0098628318762900>.
- [3] Open Science Collaboration. (2015). Estimating the reproducibility of psychological science. *Science*, *349*(6251), aac4716. <https://doi.org/10.1126/science.aac4716>

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