



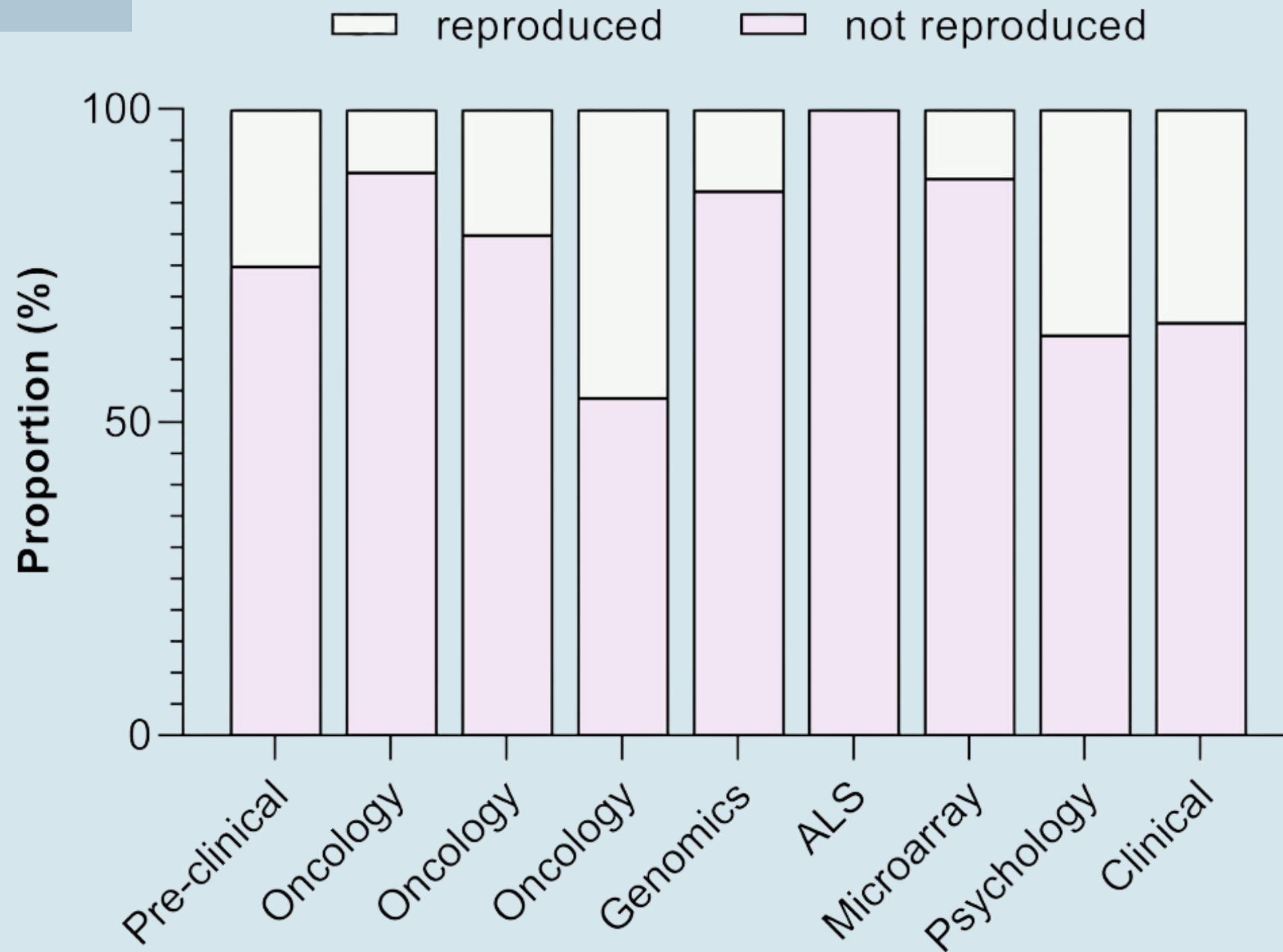
Reproducibility and the ReproducibiliTea initiative

LU Open Science Days
2024-11-19

Jane Fisher

AdvanSci
RESEARCH SOLUTIONS

What is Reproducibility?



55-100% of nonclinical and clinical study results cannot be reproduced!

ReproducibiliTea

- JOURNAL CLUB INITIATIVE FROM OXFORD
- STARTED IN 2018
- 119 INSTITUTIONS IN 29 COUNTRIES
- HELPS RESEARCHERS CREATE LOCAL OPEN SCIENCE JOURNAL CLUBS
- DISCUSS DIVERSE ISSUES, PAPERS AND IDEAS ABOUT IMPROVING SCIENCE, REPRODUCIBILITY AND THE OPEN SCIENCE MOVEMENT



Read more here

ReproducibiliTea

LUND BIOMEDICINE

JOIN US FOR MONTHLY DISCUSSIONS ON REPRODUCIBILITY,
RESEARCH INTEGRITY, RESEARCH QUALITY, AND OPEN SCIENCE
FIKA WILL BE PROVIDED!



WHERE:
ROOM 10,
THE SPARK,
MEDICON VILLAGE



SIGN UP



WHEN:
DEC 18 AT 5 PM
DATES FOR
2025 TBA

Organized by

AdvanSci
RESEARCH SOLUTIONS

READING LIST

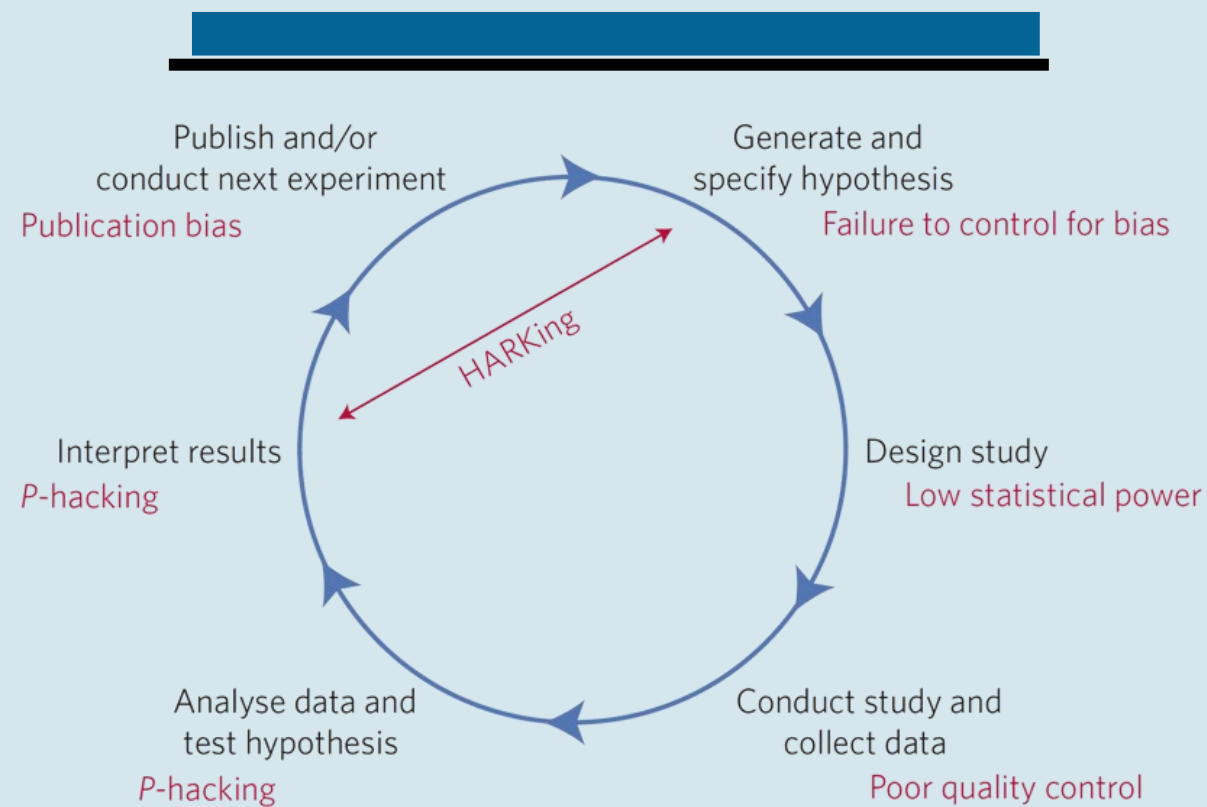


TOPICS WE HAVE DISCUSSED SO FAR INCLUDE...

A Manifesto for Reproducible Science

Marcus R Munafò et al.

2017 | Nature Human Behaviour



Threats to
reproducible science

ARRIVE

equator
network

Reporting guidelines

OSF



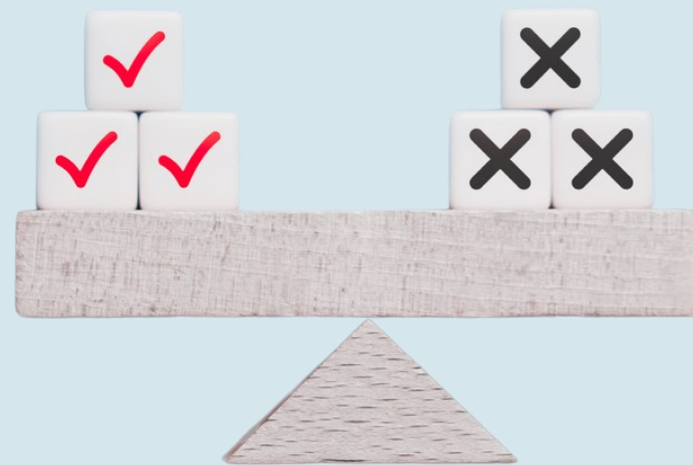
Open science
platforms



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Publication Ethics in the Era of Artificial Intelligence

Zafer Kocak | 2024 | JKMS



Benefits and risks of AI

Table 3. Author's guide before writing and submitting an AI-assisted manuscript

Journals generally ask you to declare/indicate

- Which AI model was used, when and by whom?
- The rationale for the use of AI and how it is used
- All prompts and responses
- Where in your article the AI-generated content appears?

During the manuscript writing process

- Check the accuracy of all references
- Ensure that all concepts are properly attributed
- Ensure that the language used is neutral and inclusive
- Check the similarity of text for plagiarism
- Read the journal and/or publisher's AI policy carefully

AI = artificial intelligence.

Guidelines for authors



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Preventing Bad Behavior in Academia

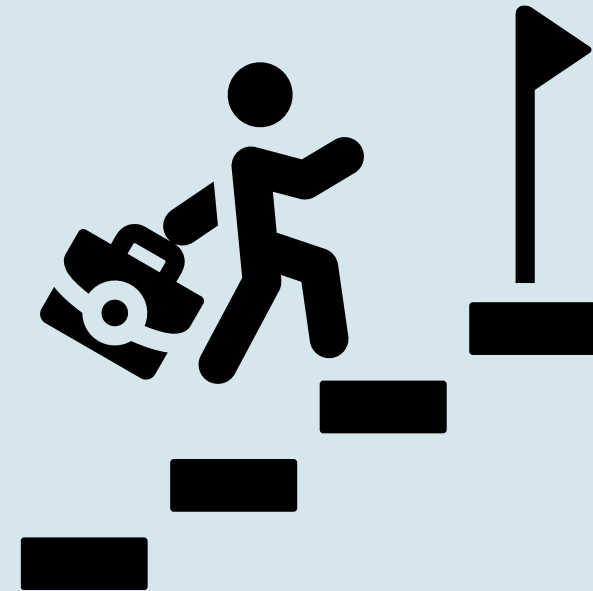
Rayane da Cruz Albino et al. 2024 | Science



Authorship ethics



Publish or perish
culture



Career stability



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Open Science

STATISTICS

WORK ENVIRONMENT

& MENTAL HEALTH

Incentives

Reporting Guidelines

Reproducibility

RESEARCH

RESEARCH

Pre-Registration

TRAINING

DESIGN

Research

CAREER

Transparent
reporting

Integrity



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