Full Title

Subtitle

ANONYMOUS AUTHOR(S)

Open science practices (look for the osf standards. This means either an availability statement or the data / code implicitly provided). To what extent do researcher actually implement OSF-practices in their publications? Do institutions explicitly value these principles in their hiring process and research conduct?

[In Psychology and education...] We conducted an analysis assessing the usage of open science statements in [N] published articles alongside the prevalence of open science *expectations(?)* in job postings for professorships of german universities. We found that bla ...

1 Introduction

2 Analysis

rieser: Should we provide a sample of keywords here?

2.1 Job postings for professorships

We analyzed job postings for professorships from the *Academic Job Posting Service of the German Association of University Professors and Lecturers* [1] pubilshed between January 2024 and [tbd.] 2025. Out of a total of N_A = 295 postings, 18 of them explicitly mentioned keywords related to open science. While all 18 described open science as desirable, only [k=6] required a formal statement. Exactly 1 was a specifically created "W2 Open Science" professorship. We identified these postings by matching keywords, their mangled variants, and partial sentences and extracting their containing sentences; the final classification however was based on manual review of the corresponding paragraphs.

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rieser: I need to add to the code here to make sure that all keywords are hit and all of them provide a paragraph. Else the desirable <-> requirement stat might be wrong.

2.2 Publications

We analysed [N=?] open access publications from the open-alex index [3]. If there was an open access pdf available, we downloaded it using the Unpaywall service. We used the open alex API to build an index of papers, which we filtered for pdf urls. We used a batch service downloading batches of [k=?] and then processing these batches using *grobid* [2] to obtain a structured text document.

3 Implementation

4 Related Work

5 Conclusion

References

[1] [n. d.]. Academic Job Posting Service. https://www.hochschulverband.de/en/services/academic-job-posting-service

[2] 2008–2025. GROBID. https://github.com/kermitt2/grobid. swh:1:dir:dab86b296e3c3216e2241968f0d63b68e8209d3c

[3] Jason Priem, Heather Piwowar, and Richard Orr. 2022. OpenAlex: A fully-open index of scholarly works, authors, venues, institutions, and concepts. doi:10.48550/arXiv.2205.01833 arXiv:2205.01833 [cs].