

Open Science as good practice in doctoral training and shifting incentives for Open Science in academia

Dr. Anne Gärtner (Faculty of Psychology, TU Dresden)

Open Science Day | University of Mannheim

12.10.2023

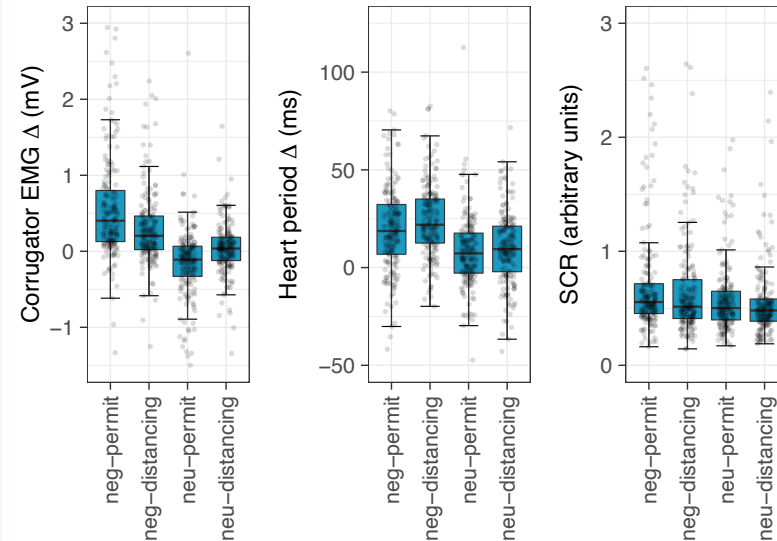
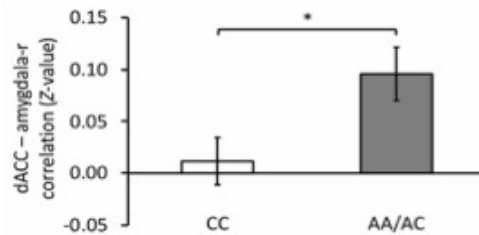
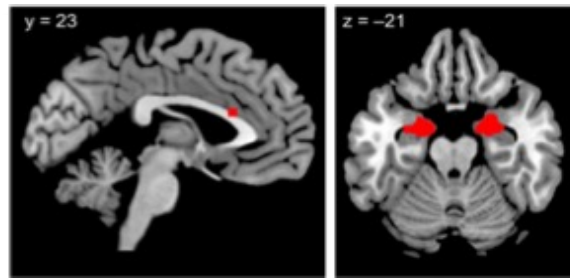
Slides: <https://osf.io/gd3ze/>

About me: Neurobiology of anxiety and emotion regulation

ORIGINAL PAPER



Impact of FAAH genetic variation on fronto-amygdala function during emotional processing

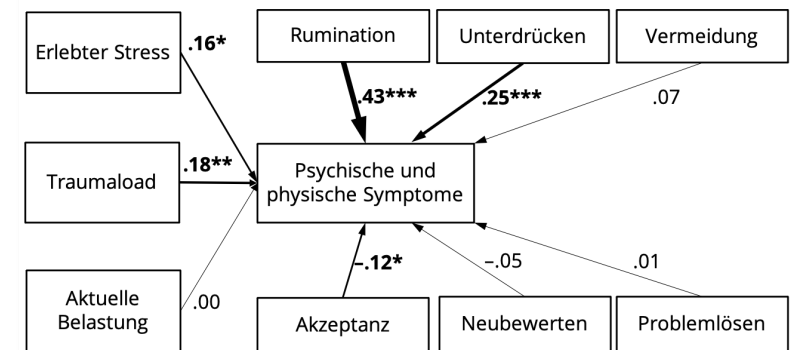


ORIGINAL RESEARCH
published: 10 January 2019
doi: 10.3389/fpsyg.2018.02744



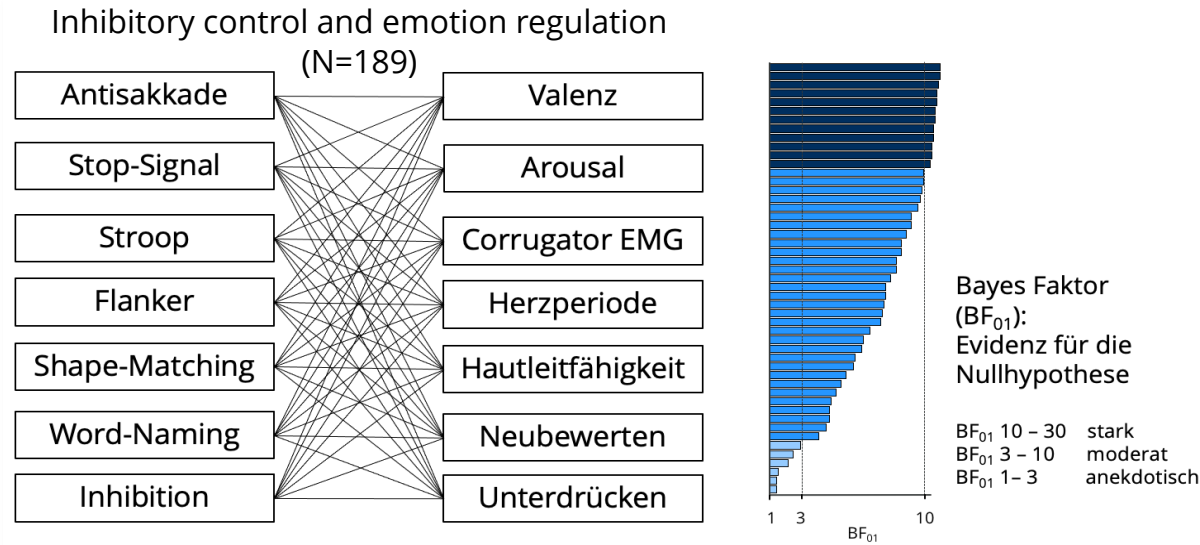
Emotion Regulation in Rescue Workers: Differential Relationship With Perceived Work-Related Stress and Stress-Related Symptoms

Anne Gärtner^{1†*}, Alexander Behnke^{1,2†*}, Daniela Conrad^{2,3}, Iris-Tatjana Kolassa² and Roberto Rojas⁴



Dargestellt sind standardisierte Regressionskoeffizienten (β); * $p < .05$; ** $p < .01$; *** $p < 0.01$; Statistisches Modell: $F(9,92) = 21.31$, $p < .001$, $R^2 = 68\%$.

About me: Open and reproducible research



Interest Group for Open and Reproducible Science

OPEN SCIENCE

- Good Scientific Practice Workshop (GSP)
- Research Data Management Workshop (INF)
- Research Transparency Workshop (OSIP)
- Open Science Meetings
- Open Science Lectures

3 workshops in year 1

Responsible Research Assessment II: A specific proposal for hiring and promotion in psychology

AUTHORS
Anne Gärtner, Daniel Leising, Felix Schönbrodt

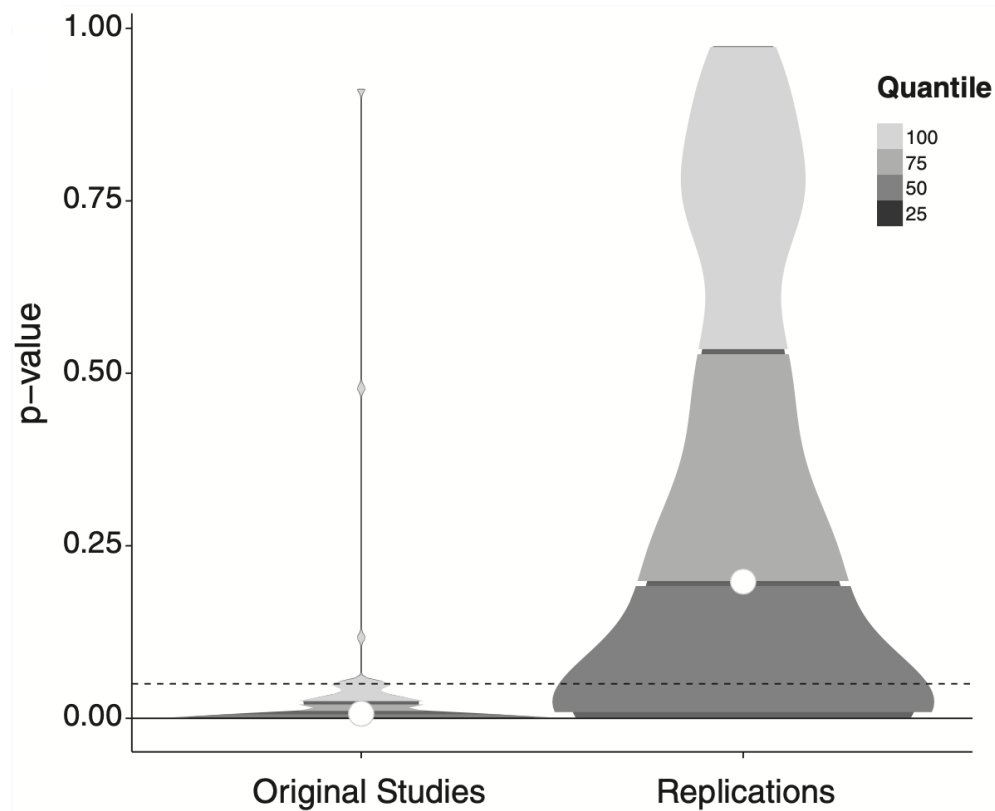
AUTHOR ASSERTIONS
Conflict of Interest: No Public Data: Not applicable Preregistration: Not applicable

Introduction

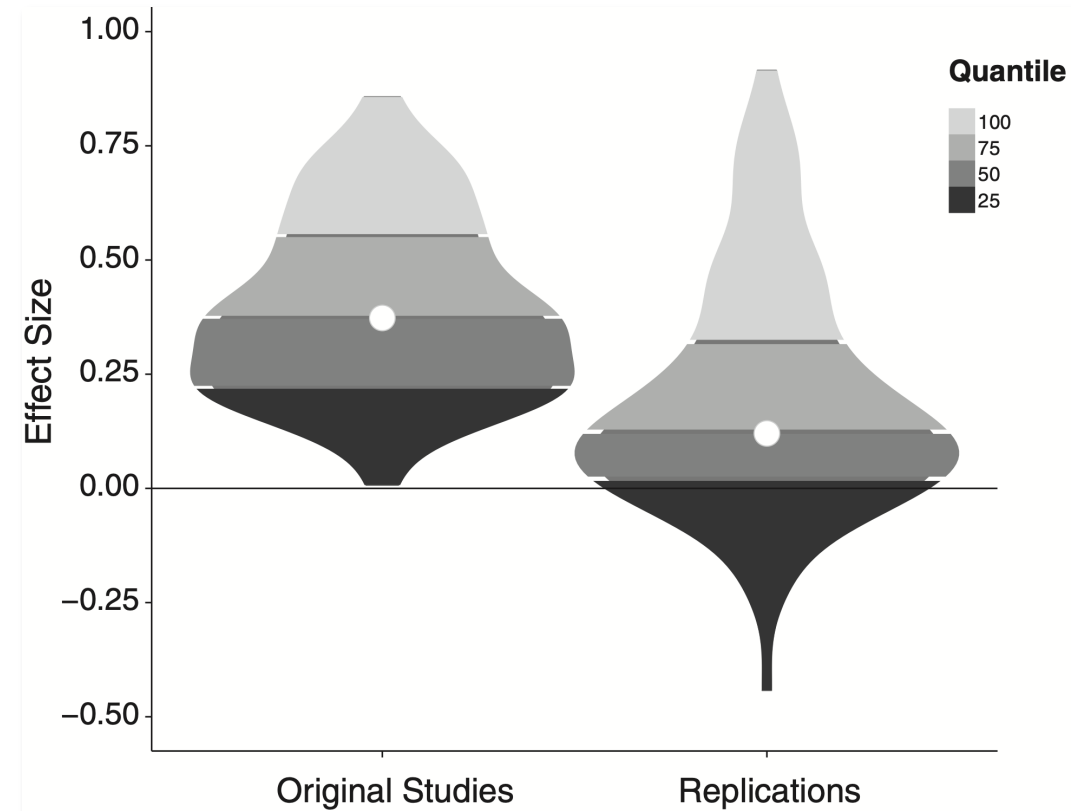
The problem

The problem

Failed replications



$N = 100$ studies
original studies: **97%** significant effects
replication studies: **36%** significant effects



$N = 97$ studies
83% of all effect sizes are smaller than the original
 $M_O: r = .40; M_R: r = .20$

The problem

Is it just Psychology?

No!



THE LANCET

Research: increasing value, reducing waste - January, 2014 www.thelancet.com

“85% of health research is wasted.”

“By ensuring that efforts are infused with rigour from start to finish, the research community might protect itself from the sophistry of politicians, disentangle the conflicted motivations of capital and science, and secure real value for money for charitable givers and taxpayers through increased value and reduced waste.”

Research: increasing value, reducing waste

The Garden of Earthly Delights (by Hieronymus Bosch)

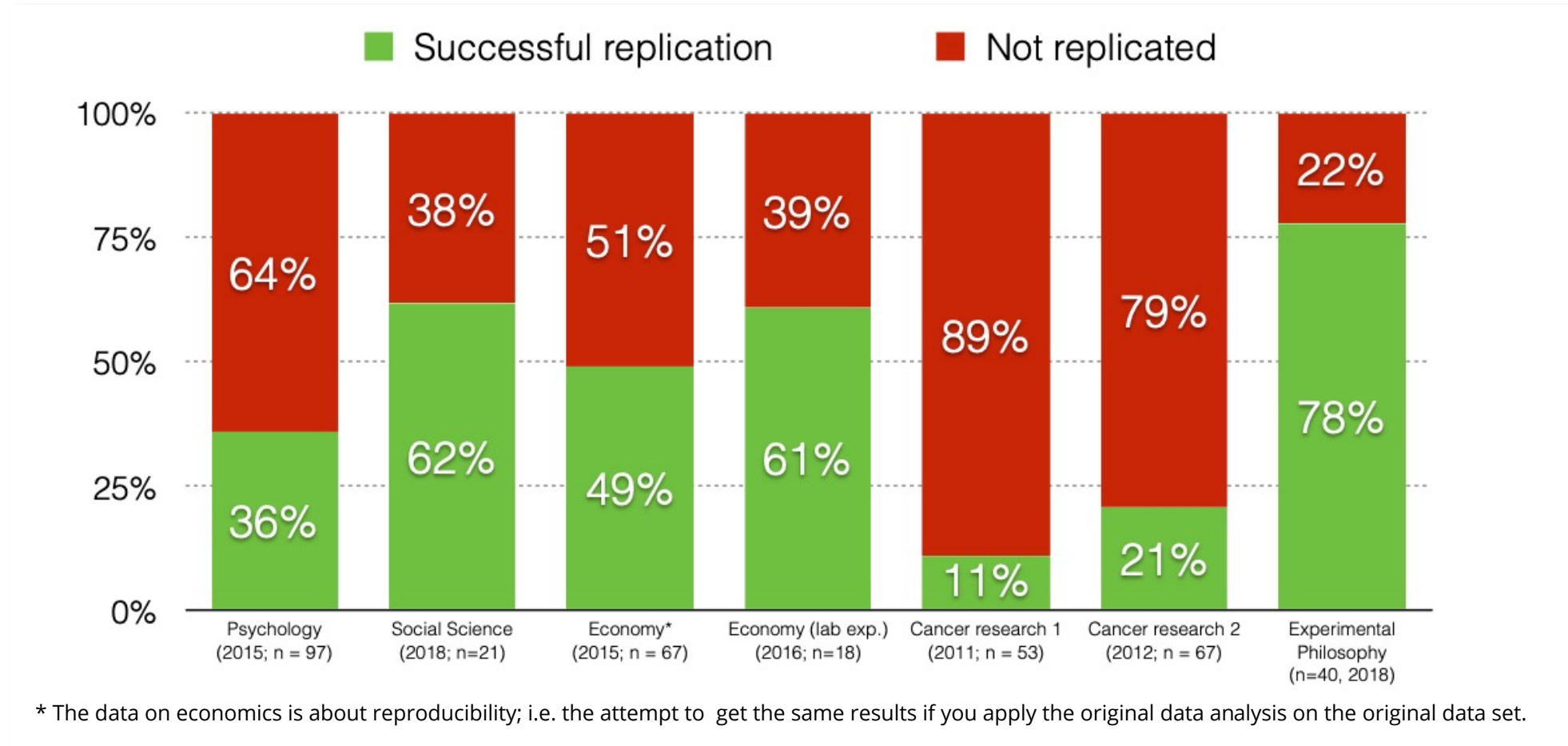
I spent 13 years at NIMH really pushing on the neuroscience and genetics of mental disorders, and when I look back on that I realize that while I think I succeeded at getting lots of really cool papers published by cool scientists at fairly large costs—I think \$20 billion—I don't think we moved the needle in reducing suicide, reducing hospitalizations, improving recovery for the tens of millions of people who have mental illness. I hold myself accountable for that.

—THOMAS INSEL, MINDSTRONG



The problem

Is it just Psychology?



The problem

Quantity, not quality

Actual (not desired) relevance in professorship hiring committees	Rank
Number of peer-reviewed publications	1
Fit of research profile to the hiring department	2
Quality of research talk	3
Number of publications	4
Volume of acquired third-party funding	5
Number of first authorships	6
...	...

$N = 1453$ psychology researchers, 66% were actually members of a professorship hiring committee

The problem



Introduction

Change of the incentive structure



PLOS BIOLOGY

OPEN ACCESS

ESSAY

The Hong Kong Principles for assessing researchers: Fostering research integrity

David Moher , Lex Bouter, Sabine Kleinert, Paul Glasziou, Mai Har Sham, Virginia Barbour, Anne-Marie Coriat, Nicole Foeger, Ulrich Dirnagl

LE
RU



DFG Deutsche
Forschungsgemeinschaft



Home > Funding > Information for Researchers > 2022 > Package of Measures to Support a Shift in the Culture of Res

Information for Researchers No. 61 | 1 September 2022
Package of Measures to Support a Shift in the Culture
of Research Assessment



- recognise diverse outputs, practices and activities that maximise quality and impact of research
- basing assessment primarily on qualitative judgement
- responsible use of quantitative indicators

Part 1

Open Science as good practice in doctoral training

Open Science as good practice in doctoral training

Implementation in a CRC

CRC 940 Volition and Cognitive Control (3rd funding period), Module „Graduiertenkolleg“

LECTURES	SCHOOLS	OPEN SCIENCE	SKILLS	SUPPORT
Introduction	Approaches to volition	Good Scientific Practice Workshop ^{GSP}	Writing and presentation skills	Progress meeting every semester
Approaches		Research Data Management Workshop ^{INF}	Neuroimaging, programming, statistics, modeling	Self-organized retreat every year
Methods	Modulators of volition	Research Transparency Workshop ^{OSIP}	Teaching	Travel award for research stays at other labs
MGK Colloquium	Perspectives on volition	Open Science Meetings	Management	Thesis draft feedback
		Open Science Lectures	Other key qualifications	Career development meeting
3 per year	1 per year	3 workshops in year 1	1 per year	continuous

Open Science as good practice in doctoral training

Implementation in a CRC



- E-learning material (OPAL) complemented by 3 workshops (1–2 days)
- **W1 Good Scientific Practice:** basic scientific values, scientific misconduct, clearing processes in case of conflict
- **W2 Research Data Management:** facilitate scientific workflows, routines to assess, analyze, store and share data
- **W3 Research Transparency:** Open Science principles and practices, including preregistration, open access, data, materials, code, and reproducible research
- Optional visits of **OSIP meetings** and open science lectures
- Module is currently under evaluation, will be revised and finalized for the **implementation at the whole Faculty of Psychology (2024)**

mandatory for all CRC PhD students!

Open Science as good practice in doctoral training

Implementation in a CRC

W3 Research Transparency (Open Science Practices)

- two-day workshop at CRC 940 for all PhD students, incl. online OPAL module



Topics Day 1

- Power Analysis
- Data Collection
- P-hacking
- Publication Bias
- Preregistration

Topics Day 2

- Open Access
- Open Data and Materials
- Reproducible Analyses
- Practices



TU Dresden | semesterübergreifend

MGK Open Science Module

Verantwortliche/r: [Anne Gärtner](#) | [Alexander Strobel](#) | [Patricia Schimm](#) | [Josephine Zerna](#) | [Stefan Scherbaum](#)

Doing research responsibly, efficiently and transparently

With this e-learning module, we would like to support you in conducting your research efficiently and transparently according to the rules of good scientific practice. To this end, this module combines three workshops:

- [Workshop 1: Good Scientific Practice](#)
- [Workshop 2: Research Data Management](#)
- [Workshop 3: Research Transparency](#)

For each workshop, online content is provided, but there will also be virtual or presence meetings of one to two days to follow up on essential issues of each workshop. You are free to go through the online content of each workshop as your times allows, but you are required to attend the respective meetings to follow up on the online content of each workshop during the initial period of your doctoral studies. Be assured that you will find the topics dealt with most helpful for your scientific work.

Teaching Open Science @ TUD

Bachelor

Module Methods of Psychology

- Training in general open science aspects
- Replicability crisis
- Credibility
- Statistical methods

Module Empirical Studies

- Preregistration of research projects
- OSF and AsPredicted templates
- Open data and documentation

Bachelor Thesis (in progress)

- Open Science part of the guidelines for (1) conducting and (2) supervising Bachelor theses
- Engagement in Open Science practices part of the thesis evaluation protocol



Master

Dedicated course elements in various modules on

- Open Science
- Good Scientific Practice
- Replicability crisis
- Preregistration

Module Applied Statistics in Clinical Research

- Good Scientific Practice
- Questionable research practices (p-hacking, harking)
- Replicability crisis
- Preregistration

Module Neurobiology of Individual Differences

- Introduction to open data, open code, open material
- Preregistration of own research project with AsPredicted template

Module Research and Intervention

- Lectures/tutorials on how to preregister project ideas



Postgraduate Training

Collaborative Research Centre 940: MGK Open Science Module

- E-learning material complemented by three workshops (1–2 days)
- 1) Good Scientific Practice: basic scientific values, scientific misconduct, clearing processes in case of conflict
- 2) Research Data Management: facilitate scientific workflows, routines to assess, analyze, store and share data
- 3) Open Science Practices: principles and practices including preregistration, open access, data, materials, code and reproducible research
- Optional visits of OSIP meetings and open science lectures
- Module is currently in pilot phase, will be evaluated, revised and finalized during 2021



Bachelor

Module Methods of Psychology

- Training in general open science aspects
- Replicability crisis
- Credibility
- Statistical methods

Module Empirical Studies

- Preregistration of research projects
- OSF and AsPredicted templates
- Open data and documentation

Bachelor Thesis (in progress)

- Open Science part of the guidelines for (1) and (2) supervising Bachelor theses
- Engagement in Open Science practices part of the thesis evaluation protocol

Studium und Lehre

Gute wissenschaftliche Praxis und Open Science im Empiriepraktikum: Wissenschaftlicher Kompetenzerwerb durch Replikationsstudien

Christoph Scheffel¹, Franziska Korb², Denise Dörfel³, Julian Eder⁴, Marcus Möschl², Martin Schoemann⁵ und Stefan Scherbaum⁵

Differences

- Introduction to open data, open code, open material
- Preregistration of own research project with AsPredicted template

Module Research and Intervention

- Lectures/tutorials on how to preregister project ideas

- 3) Open Science Practices: principles and practices including preregistration, open access, data, materials, code and reproducible research
- Optional visits of OSIP meetings and open science lectures
- Module is currently in pilot phase, will be evaluated

Transparency Workshop

Open Science Meetings

Open Science Lectures



Open Science as good practice in doctoral training

Teaching Open Science @ TUD

Open Science criteria as part of the thesis evaluation protocol @ TU Dresden

7. Umsetzung von Open Science Praktiken (wenn vereinbart)

7.1 Präregistrierung	1	2	3	4	5
7.2 Open Materials (Aufbereitung und Dokumentation)	1	2	3	4	5
7.3 Open Data (Aufbereitung und Codebook)	1	2	3	4	5
7.4 Open Analysis (Aufbereitung und Dokumentation)	1	2	3	4	5

Open Science as good practice in doctoral training

Lab/project manual

README.md



DPP-LabManual

Lab Manual of the Differential and Personality Psychology group (AG.DPP) at TU Dresden

So far, this manual is still under development and its contents have not yet been finally discussed and agreed upon by all team members. Still, it may already now be used for instructing new team members (e.g., master students) on how to use certain tools (see the [Wiki](#)) or perform certain routines (e.g., [creating a reproducible environment for collaborative work on research projects](#)). One major feature of this manual also will be to elaborate on what we as a group agree upon when it comes to [organizing a research project](#).

Open Science as good practice in doctoral training

Registered Report as part of the PhD?



M.Sc. Christoph Scheffel



M.Sc. Josephine Zerna

www.nature.com/scientificreports

scientific reports

Check for updates

OPEN

REGISTERED
REPORT

Estimating individual subjective values of emotion regulation strategies

Christoph Scheffel^{1,3}, Josephine Zerna^{1,3}, Anne Gärtner¹, Denise Dörfel^{1,2} & Alexander Strobel¹

Protocol registration

The stage 1 protocol for this Registered Report was accepted in principle on July 19, 2022. The protocol, as accepted by the journal, can be found at: <https://doi.org/10.17605/OSF.IO/FNgBT>.

www.nature.com/scientificreports

scientific reports

Check for updates

OPEN

REGISTERED
REPORT

When easy is not preferred: a discounting paradigm to assess load-independent task preference

Josephine Zerna^{1,2,3,4}, Christoph Scheffel^{1,3}, Corinna Kührt¹ & Alexander Strobel¹

Protocol registration

The stage 1 protocol for this Registered Report was accepted in principle on August 19, 2022. The protocol, as accepted by the journal, can be found at: <https://doi.org/10.17605/OSF.IO/CPXTH>.

Open Science as good practice in doctoral training

Benefits for Early Career Researchers

- Be a more **competitive (successful) job applicant**: More and more job postings are asking for Open Science as a desirable or essential criterion (<https://osf.io/7jbnt/>)
- Be a more **competitive (successful) grant applicant**: More and more funders now require Open Science practices (e.g., NIH, European Commission, Wellcome Trust)
- **More citations**: Articles with open access versions are cited more often (**36% more citations**; Fu & Hughey, 2019), Registered reports are cited more often
- **Do Better science!**



Part 2

Shifting incentives for Open Science in academia

The problem

Quantity, not quality

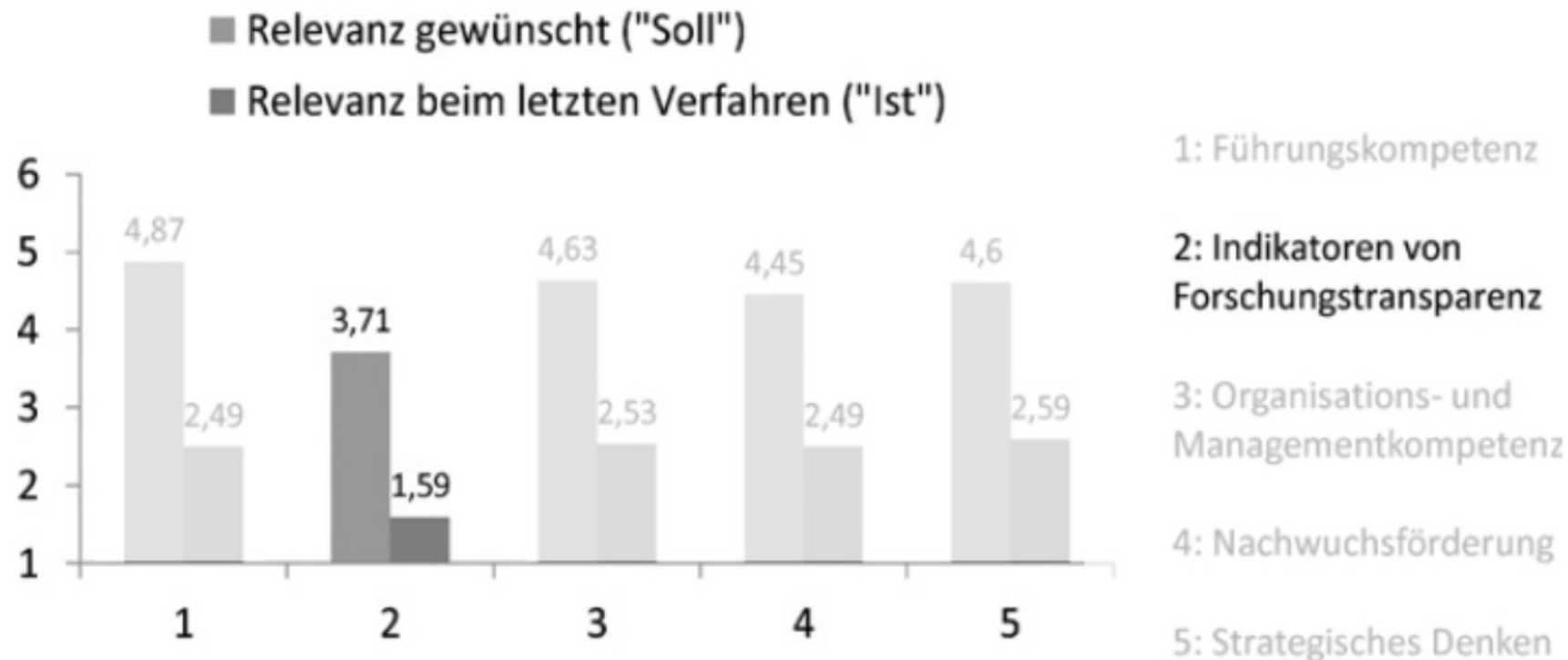
Actual (not desired) relevance in professorship hiring committees	Rank
Number of peer-reviewed publications	1
Fit of research profile to the hiring department	2
Quality of research talk	3
Number of publications	4
Volume of acquired third-party funding	5
Number of first authorships	6
...	...
Indicators of research transparency	41 (of 41)

$N = 1453$ psychology researchers, 66% were actually members of a professorship hiring committee

The problem

Quantity, not quality

Indicators with the largest discrepancy between „desired“ and „actual“ relevance

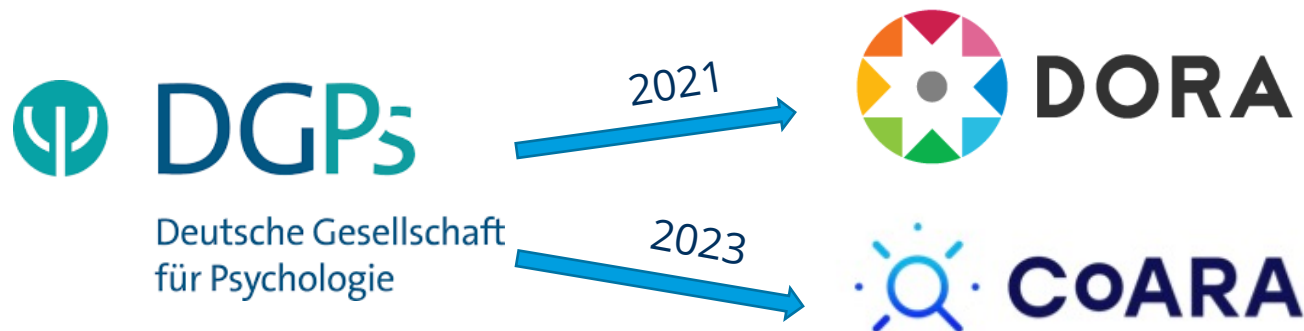


→ Researchers want to have indicators of research transparency in hiring committees!

Shifting incentives for Open Science in academia

DORA & CoARA

- Call to abandon the use of invalid quantitative metrics of research quality + productivity (e.g., IF)
 - H-index, number of citations, number of (co)authorships, number of papers are only loosely connected to scientific quality (publish-or-perish culture)
- We need a change in the incentive structure



Shifting incentives for Open Science in academia

Responsible Research Assessment (RRA)

2022



Ten Steps towards better Personality Science

Quality rating scheme for publications

- ✓ **Community-proofed**
- ✓ Collaboratively improved with multiple breakout groups focusing on specific indicators
- ✓ Development **backed by DGPs**
- ✓ **Ready-to-use templates, adaptable** to local needs



19 commentaries

RESQUE Framework

- 4 principles
- 2-phase assessment
- How-Tos for hiring and promotion
 - Rating Schemes
 - Interactive Web Form

2023



RRA 1
Principles



RRA 2
Implementation



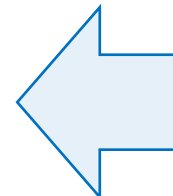
15 commentaries



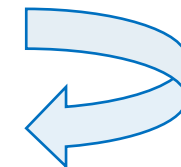
Empfehlungen zur Bewertung wissenschaftlicher Leistungen in BV in Psy



6 commentaries



Revision & Rejoinder



flaticon.com

Shifting incentives for Open Science in academia

Academic contributions are multifaceted

Types of academic contributions:

1. Research

2. Teaching

3. Leadership
(e.g., mentoring, management and organizational skills, strategic thinking)

4. Service to the academic institution/ field

5. Societal impact
(e.g., science communication/ citizenship)

Contributor roles

Research outputs (ROs):

Publications

Data sets

Research software

Evaluation dimension:

Rigor
(for each RO)

Impact
(for each RO)

Quantity
(aggregated)

- Registered report
- Analysis script provided
- Open material
- Independently verified reproducibility
- Formal modeling
- Manipulation checks
- Follows reporting guidelines
- ...

- Citation count
- Altmetrics
- Societal impact
- ...

- Number of papers
- ...

- FAIRness
- Representativeness
- Size
- Uniqueness/effort of data collection
- ...

- Citation count
- # of reuses from other authors
- ...

- Number of published data sets
- ...

- Independent review
- Unit testing
- Documentation
- Technology Readiness level
- ...

- Citation count
- Dependencies
- Github stars
- ...

- Number of published software
- Duration of active maintenance
- % of applicants contribution to a product
- ...

The RESQUE Web form

The screenshot shows the RESQUE web form interface. At the top left, there is a header with the text "RESQUE" and three buttons: "Clear", "Load", and "Export". Below this, it says "0 of 12 slots used". The main content area is titled "Author / Metadata" and has a "Last name" input field. To the right of the main content, there is a button that says "Click on an indicator to see detailed information". At the bottom of the main content area, there are several buttons: "Add", "Publication", "Software", and "Data Set". A modal dialog box is overlaid on the main content area. The dialog box has a title "Welcome to the RESQUE tool!" and a "Continue" button. The dialog box contains the following text: "We need to change the way we assess research - with a focus on quality (over quantity). The [RESearch Quality Evaluation \(RESQUE\)](#) framework provides an evaluation scheme for publications, data sets, and research software. With this tool, you can enter the necessary information for your best research outputs, export a profile that shows your research style, and use it for your CV or in hiring and tenure committees." Below this text, there is a section titled "How to use the RESQUE tool?" with a list of five questions: "How do I add a new publication / software project / data set?", "How do I export my data?", "How do I load data I previously exported?", "How can I clear all information I entered?", and "What should I do if I want to use RESQUE on a shared/public computer?". Below the list, there is a section titled "Privacy" with a lock icon and the text "Is my data stored privately in a safe location?". Below this, there is a section titled "Nothing leaves your device." with the text "We use the [Web Storage API](#) supported by all major browsers. Although the website itself is hosted on a server, your data is *only* stored and processed in the local browser: The data is processed only locally. Your score is calculated in the browser. The local PDF files you open on this website are *not* uploaded to a server."

RESQUE Clear Load Export

0 of 12 slots used

Author / Metadata

Author / Metadata

Extract DOI from PDF

DOI (optional)

Add Publication Software Data Set

Click on an indicator to see detailed information

[RESQUE?](#) / [Help](#) / [Privacy](#) · [GitHub](#)

Welcome to the RESQUE tool! Continue

We need to change the way we assess research - with a focus on quality (over quantity). The [RESearch Quality Evaluation \(RESQUE\)](#) framework provides an evaluation scheme for publications, data sets, and research software. With this tool, you can enter the necessary information for your best research outputs, export a profile that shows your research style, and use it for your CV or in hiring and tenure committees.

How to use the RESQUE tool?

- ▶ How do I add a new publication / software project / data set?
- ▶ How do I export my data?
- ▶ How do I load data I previously exported?
- ▶ How can I clear all information I entered?
- ▶ What should I do if I want to use RESQUE on a shared/public computer?

Privacy • *Is my data stored privately in a safe location?*

Nothing leaves your device.
We use the [Web Storage API](#) supported by all major browsers. Although the website itself is hosted on a server, your data is *only* stored and processed in the local browser:
The data is processed only locally. Your score is calculated in the browser. The local PDF files you open on this website are *not* uploaded to a server.

The RESQUE Web form

Correctness of computational results has been independently verified

- Not applicable [provide explanation]
- No
- Yes [provide doi or URL to verification report]

Open reproducible scripts

- Not applicable [provide explanation]
- Not available
- Yes, parts of scripts [provide doi or URL]
- Yes, entire scripts [provide doi or URL]

Open materials (beyond the open reproducible scripts entered above)

- Not applicable [provide explanation]
- Not available
- Yes, parts of material [provide doi or URL]
- Yes, entire material [provide doi or URL]

Preregistration

- Not applicable [provide explanation]
- No
- Yes (but not RR) [provide doi or URL]
- Registered Report [provide doi or URL]

Formal modeling of a theory

- Not applicable [provide explanation]
- No
- Yes

The paper contains a preregistered replication attempt (either direct/close or conceptual)

- Not applicable [provide explanation]
- No
- Yes

Please report all considerations regarding statistical power (assumed effect size, power, N, ...)

Official o apply)

- Open D
- Open M
- Preregi

Score

3.3% • 0.4 / 12

Sample s






Merit / impact statement (narrative, max. 150 words)

0 / 150

RESQUE Github Repository



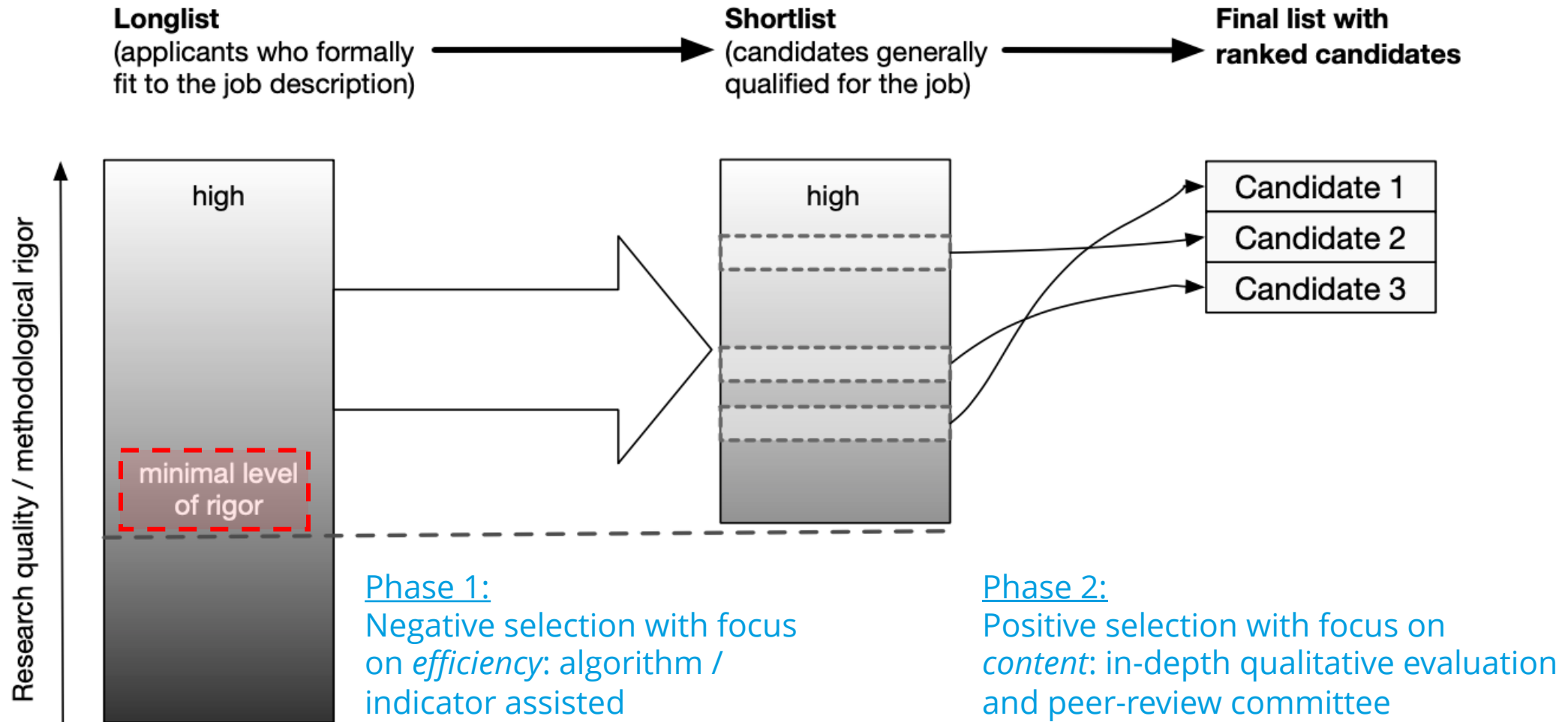
Table of content:

- RESQUE: The Research Quality Evaluation scheme for psychological research
 - Publications and commentaries by the scientific community
 - Publications
 - Commentaries
 - Resources
 -  Rating sheets (core set)
 -  Rating sheets (expansion packs)
 -  Coding manual
 -  Analysis scripts for R
 - How to get started
 - ...as hiring committees
 - ...as tenure track committees
 - ... as applicants
 -  How to contribute

- still work in progress and constantly updated
- contains links to RESQUE **core set** and future **expansion packs** of evaluation criteria (e.g. for each DGPs section, will be collected soon!)
- **Coding manual** with further information
- **R Analysis scripts** for hiring and promotion committees that provide summary export file

Efficiency in hiring committees

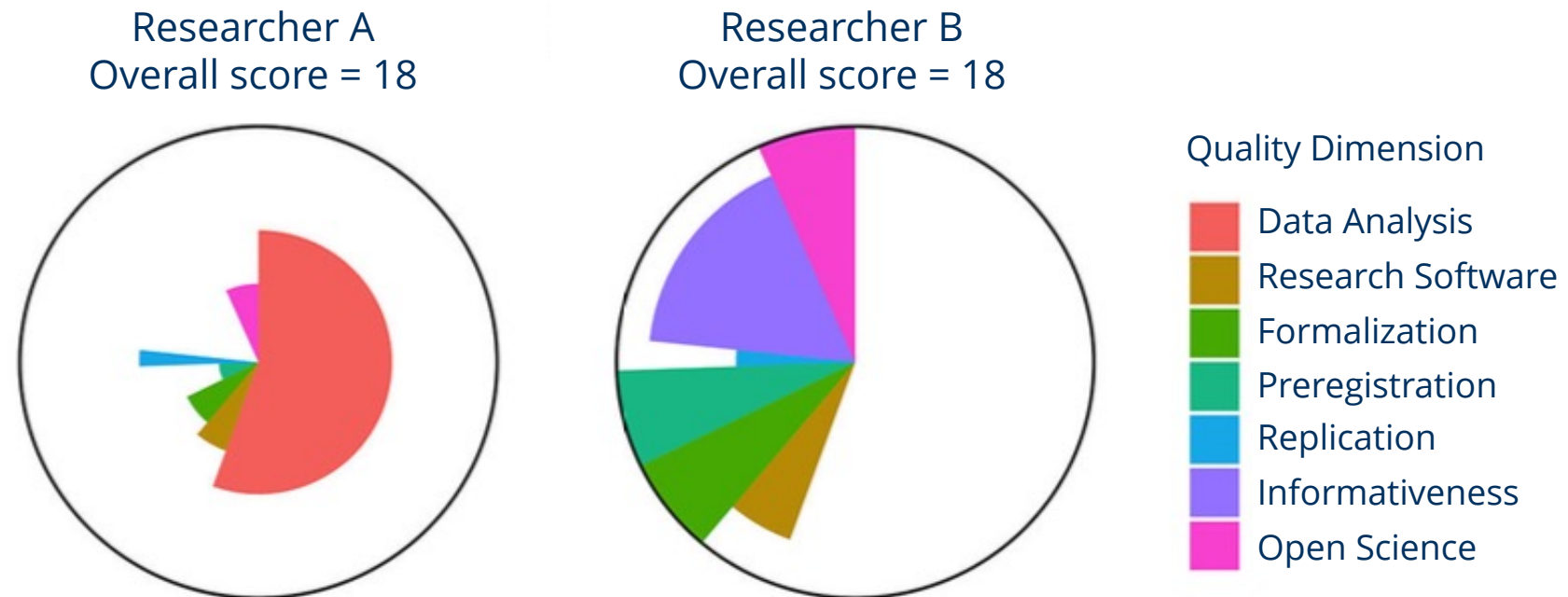
Can it handle 100+ applicants?



Shifting incentives for Open Science in academia

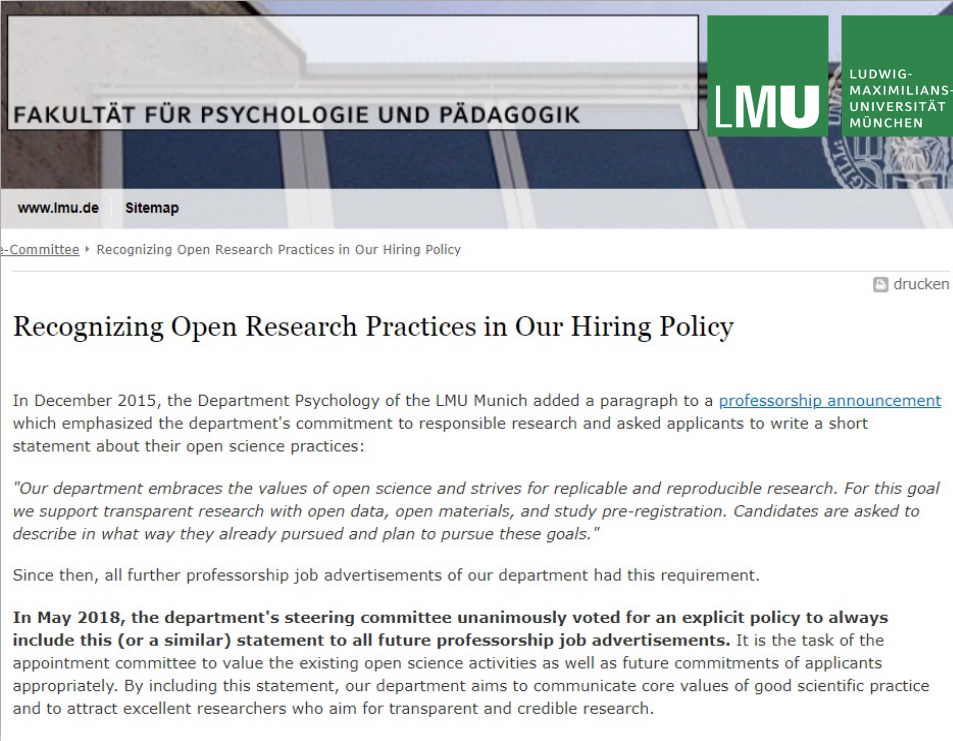
Use of researcher profiles

Broaden the range of relevant research contributions (e.g., research articles, datasets, research software), focus on methodological rigor and **consider profiles** (see Figure)



Shifting incentives for Open Science in academia

In committees, in faculty positions, during peer review



FAKULTÄT FÜR PSYCHOLOGIE UND PÄDAGOGIK

LMU LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

www.lmu.de Sitemap

Committee Recognizing Open Research Practices in Our Hiring Policy

drucken

Recognizing Open Research Practices in Our Hiring Policy

In December 2015, the Department Psychology of the LMU Munich added a paragraph to a [professorship announcement](#) which emphasized the department's commitment to responsible research and asked applicants to write a short statement about their open science practices:

"Our department embraces the values of open science and strives for replicable and reproducible research. For this goal we support transparent research with open data, open materials, and study pre-registration. Candidates are asked to describe in what way they already pursued and plan to pursue these goals."

Since then, all further professorship job advertisements of our department had this requirement.

In May 2018, the department's steering committee unanimously voted for an explicit policy to always include this (or a similar) statement to all future professorship job advertisements. It is the task of the appointment committee to value the existing open science activities as well as future commitments of applicants appropriately. By including this statement, our department aims to communicate core values of good scientific practice and to attract excellent researchers who aim for transparent and credible research.

The chair holder will be responsible for teaching Clinical Child and Adolescent Psychology including Psychotherapy in the Bachelor's program "Psychology" and in the Master's program "Psychology with a focus on Clinical Psychology and Psychotherapy". In research, an empirical orientation in Clinical Child and Adolescent Psychology including Psychotherapy is planned. We explicitly wish for your active cooperation in interdisciplinary projects with the other faculties of TU Dresden. **The Faculty of Psychology values transparent and replicable research and explicitly welcomes all measures that can contribute to this (e.g. "open data/materials/code", pre-registration).** We expect you to be willing to actively participate in academic self-administration, in the institute and in the Universitätsambulanz und Forschungszentrum für Psychotherapie (UFP) der TU Dresden gGmbH.

(preferably for the last three years), 8) copies of the academic certificates of the highest degree obtained, 9) **a description of previous consideration of open data, open material and pre-registrations in your research (one page max.).**

Open Science criteria in hiring committee at TU Dresden (selection)

Chair Appointment

Please provide the following information for three research articles that were published within the last five years. Articles in press can be listed, but not preprints or articles that have not been peer-reviewed. Only articles with significant contribution from the author should be listed. Please also provide a short (max. 150 words) narrative impact statement on why this article has made an important contribution to the field. Furthermore, please provide possible information on published research data sets and published research software.

Please ...

Paper 1

Paper

Year of publication

DOI

Paper type (check all that apply)

- Empirical paper
- Meta-Analysis
- (Mainly) Theoretical contribution
- Simulation

CRedit roles (check all that apply to your contribution), see [here](#) for further

- Conceptualization
- Data curation
- Formal analysis
- Funding acquisition
- Investigation
- Methodology
- Project administration
- Resources
- Software
- Supervision
- Validation
- Visualization
- Writing - original draft
- Writing - review & editing

Open data

- Not available
- Not applicable
- Yes

Open data

- Not available
- Not applicable
- Yes

Wert zurücksetzen

FAIR format, see [here](#) for further information

- No
- To some extent
- Completely FAIR

Wert zurücksetzen

Open reproducible scripts

- Not available
- Not applicable
- Yes

Wert zurücksetzen

FAIR format

- Timestamped repository
- Version control
- Reproducible manuscripts (e.g. with RMarkdown)
- Reproducible software environments (e.g. conda environment, renv environment in R)

Open materials

- No
- Yes, parts of material
- Yes, entire material

Wert zurücksetzen

Preregistration

- Not applicable
- No
- Yes (but not Registered Report)
- Registered Report

Wert zurücksetzen

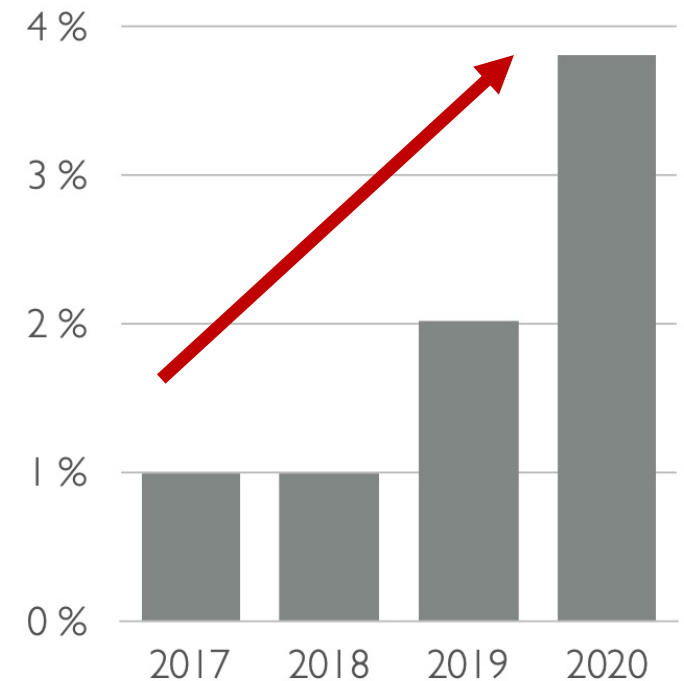
Shifting incentives for Open Science in academia

Change in hiring policy

Analysis of job offers in the field of psychology:

- 1626 job ads (1484 in German, 142 in English); from February 2017 to December 2020
- Keyword search for open science, reproduc*, replication, research transparency, etc.
- **Across all analyzed years, 2.2% (n=36) of job offers mentioned replicability and transparency as desired or essential job criteria**

→ upward trend!



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Further information

Responsible Research Assessment I:
Implementing DORA for hiring and promotion
in psychology

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AUTHOR ASSERTIONS
Conflict of Interest: No ▾ Public Data: Not applicable ▾ Preregistration: Not applicable ▾

Responsible Research Assessment II: A specific proposal
for hiring and promotion in psychology

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AUTHOR ASSERTIONS
Conflict of Interest: No ▾ Public Data: Not applicable ▾ Preregistration: Not applicable ▾

Meta-Psychology
(Special Issue with 15 commentaries)

Diskussionsforum

Empfehlungen zur Bewertung wissenschaftlicher Leistungen bei Berufungsverfahren in der Psychologie

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Psychologische Rundschau
(Diskussionsforum with 6 commentaries)

Thank You!

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Slides: <https://osf.io/gd3ze/>

RESQUE Web form:
<https://nicebread.github.io/RESQUE/web/>

Outlook

Sample paragraph highlighting the importance of responsible research evaluation could be included in the job posting as follows:

"Our department values transparent, robust and reproducible research and therefore supports 'open' research practices such as FAIR research data, open and reproducible code and preregistration." We expect successful applicants to follow the same principles. In addition, we aim for responsible research assessment that focuses on qualitative rather than quantitative indicators of research performance. Therefore, applicants must provide some relevant information about their own published articles, published datasets and published research software."

Musterabsatz, der die Bedeutung einer verantwortungsvollen Forschungsbewertung hervorhebt, könnte wie folgt in die Stellenausschreibung aufgenommen werden:

"Unsere Abteilung legt Wert auf transparente, robuste und reproduzierbare Forschung und unterstützt daher "offene" Forschungspraktiken wie FAIR-Forschungsdaten, offenen und reproduzierbaren Code und Präregistrierungen. Wir erwarten von erfolgreichen Bewerber:innen, dass sie denselben Grundsätzen folgen. Darüber hinaus streben wir eine verantwortungsbewusste Forschungsbewertung an, die sich eher auf qualitative als auf quantitative Indikatoren der Forschungsleistung konzentriert. Daher müssen die Bewerber einige relevante Informationen über ihre eigenen veröffentlichten Artikel, veröffentlichten Datensätze und veröffentlichte Forschungssoftware vorlegen."

Credentials

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