OPEN SCIENCE FRAMEWORK
A BRIEF INTRODUCTION

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Slides can be downloaded from: https://osf.io/uq9jk/

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Antecedents of Psychological Contract Breach: The Role of Job Demands, Job Resources, and Affect

Increase openness, reproducibility, and integrity of scientific research
OPEN SCIENCE FRAMEWORK
RESEARCH LIFECYCLE
OPEN SCIENCE FRAMEWORK

SOME BENEFITS

• Free
• Open-source
• Discipline agnostic

• Key tools:
  • Online projects
  • Data storage
  • Support for preregistration of research and registered reports
  • Preprint service
  • And much more...
OPEN SCIENCE FRAMEWORK

PROJECTS

- Private (default) or public
- DOI
- Versatile components
  - Data files
  - Wiki pages
  - ...
- Link to preprints
- Link to preregistrations
- Recent activity
- Analysis of activity

Forensic psychology and correctional psychology: Distinct but related subfields of psychological science and practice

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Category: Project

Description: This paper delineates two separate but related subfields of psychological science and practice applicable across all major areas of the field (e.g., clinical, counseling, developmental, social, cognitive, community). Forensic and correctional psychology are related by their historical roots, involvement in the justice system, and the shared population of people they study and serve. The practical and ethical contexts of these subfields is distinct from other areas of psychology — and from one another — with important implications for ecologically valid research and ethically sound practice. Forensic psychology is a subfield of psychology in which basic and applied psychological science or scientifically-oriented professional practice is applied to the law to help resolve legal, contractual, or administrative matters. Correctional psychology is a subfield of psychology in which basic and applied psychological science or scientifically-oriented professional practice is applied to the justice system to inform the classification, treatment, and management of offenders to reduce risk and improve public safety. There has been and continues to be great interest in both subfields — especially the potential for forensic and correctional psychological science to help resolve practical issues and questions in legal and justice settings. This paper traces the shared and separate developmental histories of these subfields, outlines their important distinctions and implications, and provides a common understanding and shared language for psychologists interested in applying their knowledge in forensic or correctional contexts.

Has supplemental materials for: Forensic psychology and correctional psychology.
Distinct but related subfields of psychological science and practice on PsychArXiv.

Click on image to go to OSF project page
DATA STORAGE

• Accepts all common filetypes
• Limit: individual files cannot be larger than 5GB
• Files render directly in browser
• Integrates with various software solutions (e.g., OneDrive, Google Drive, Dropbox, Github, …)
• Automatic version control
• GDPR compliant!
• Back-ups made daily
**OPEN SCIENCE FRAMEWORK**

**PREREgISTRATION**

**Preregister your research**

- Use existing template
- Add attachments
- Set embargo period or make public
- Approved by administrators

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**OSF HOME**

Start a new preregistration

Preregister a project you already have on OSF

https://osf.io/prereg/

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Submit a registered report

- After in-principal acceptance of study by journal
- Submit accepted preregistration plan

Simple Registered Report Protocol Preregistration

Registered Reports benefit science by improving rigor and reducing publication bias.

When to use this form:

Use this form after you have received “in principle acceptance” (IPA) by a journal following Stage 1 Peer Review, and before you have begun the study.

Submit your approved Registered Report
Preregister an analysis plan for an OSF Project

https://osf.io/rr/
Various communities have partnered with OSF to support preprints, e.g.:

- PsyArxiv
- SocArxiv
- engrXiv

Want to know more – Read OSF preprint FAQ: https://help.osf.io/hc/en-us/articles/360019930493-Preprint-FAQs

https://osf.io/preprints/
OSF MEETINGS

- Tool for conference organizers
- Gives attendees access to posters and talks
- Events get a dedicated page on OSF
  - Includes a submission system
- https://osf.io/meetings
OPEN SCIENCE FRAMEWORK

TAKE AWAY MESSAGE

• If you want to adopt open science practices, then using OSF will help tremendously!

• Are there downsides?
  • Time?

• Using OSF has:
  • Helped me to be more transparent towards collaborators, peers, and the general public
  • Helped to get rid of poor version control
  • Helped me to make sense of analyses years later
  • Helped me to communicate ideas more directly
  • Helped me to reflect more on research ideas prior to running a study
  • Made me a better researcher