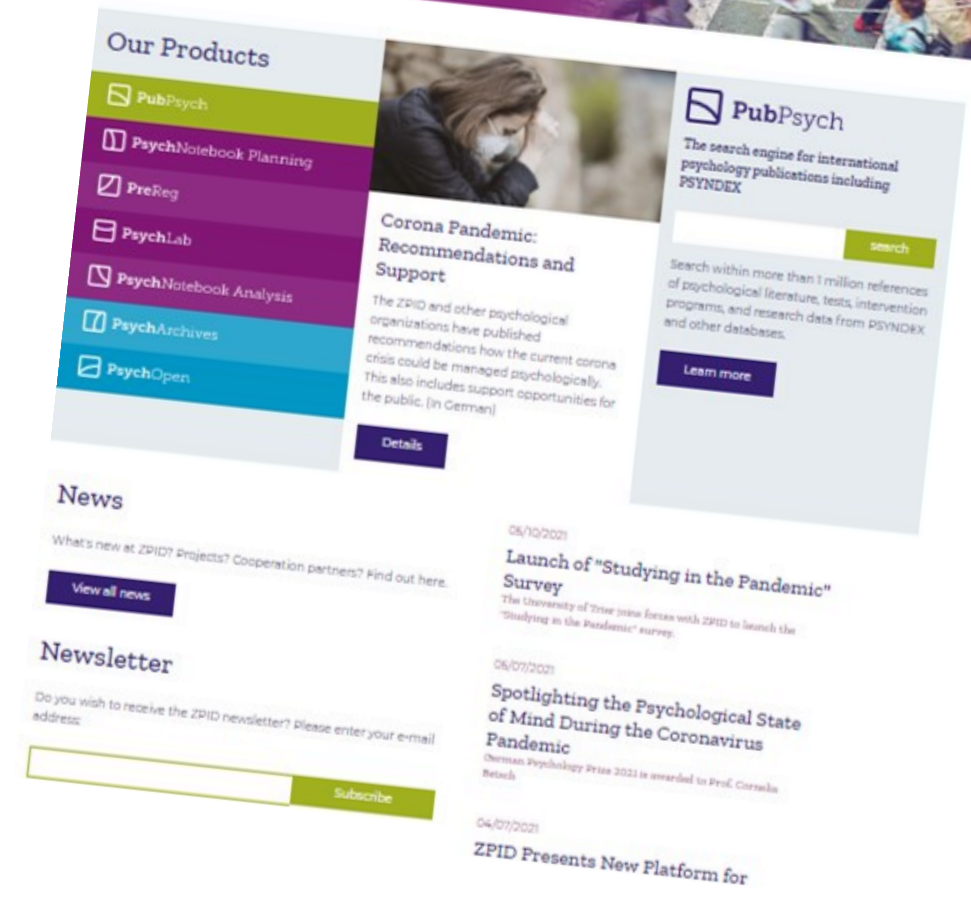




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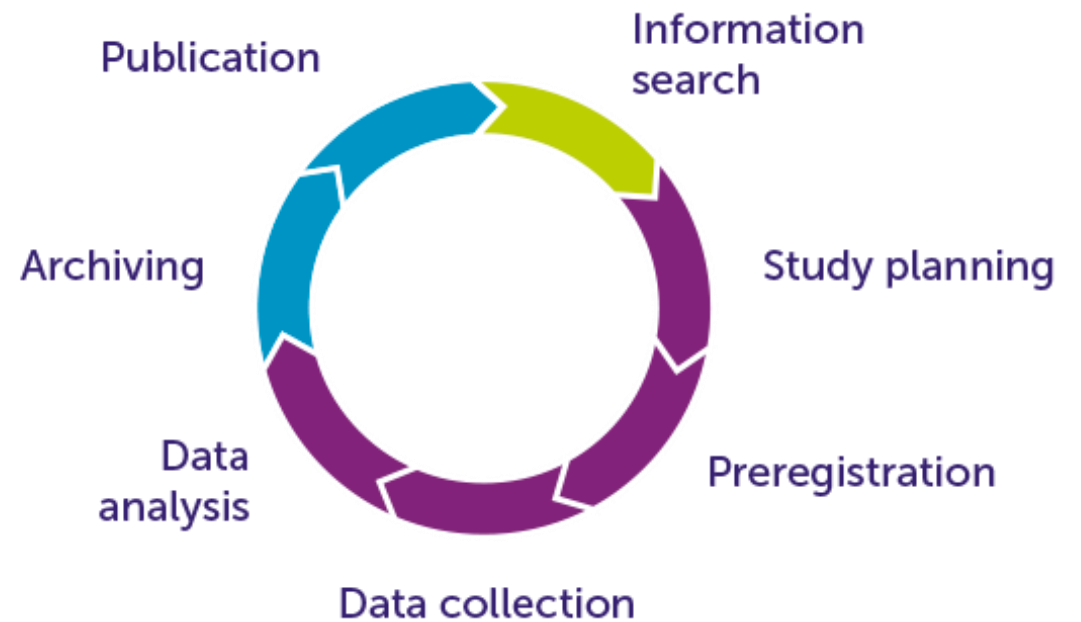


## DataWiz Workshop



# leibniz-psychology.org (ZPID)

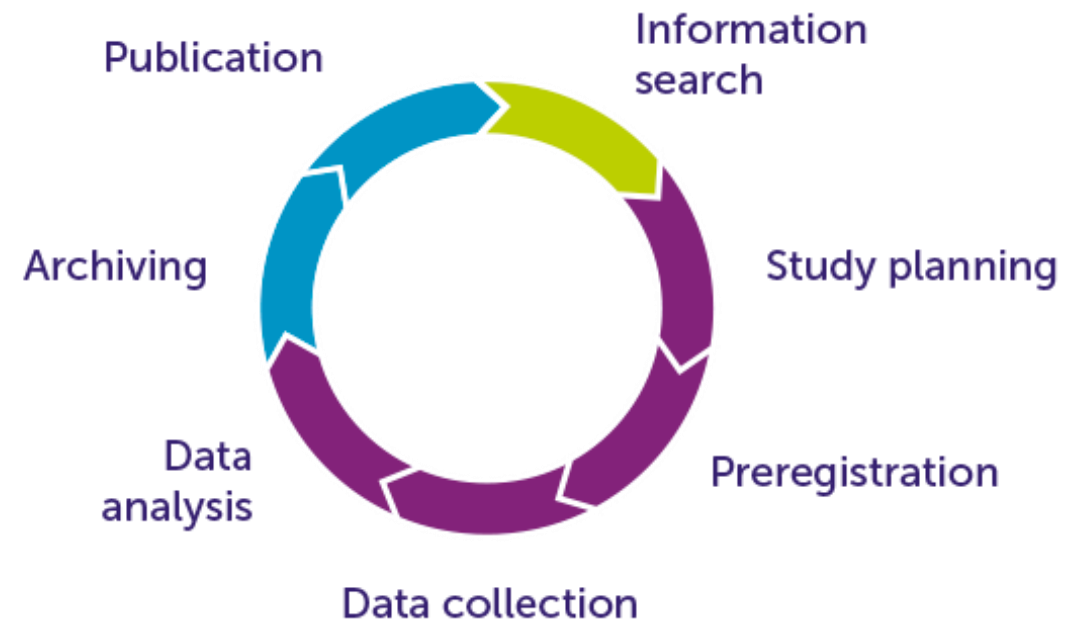
- ... is a Public Open Science Institute for Psychology and related disciplines.
- ... is in the process of strategic expansion towards a one-stop research support organization (i.e., research infrastructure), providing services for the entire research cycle



# leibniz-psychology.org (ZPID)

Supporting the (scientific) community in psychology (and beyond) to make research

- accessible
- transparent
- reproducible,
- and replicable.



# ZPID and Open Science Principles

## Open Access

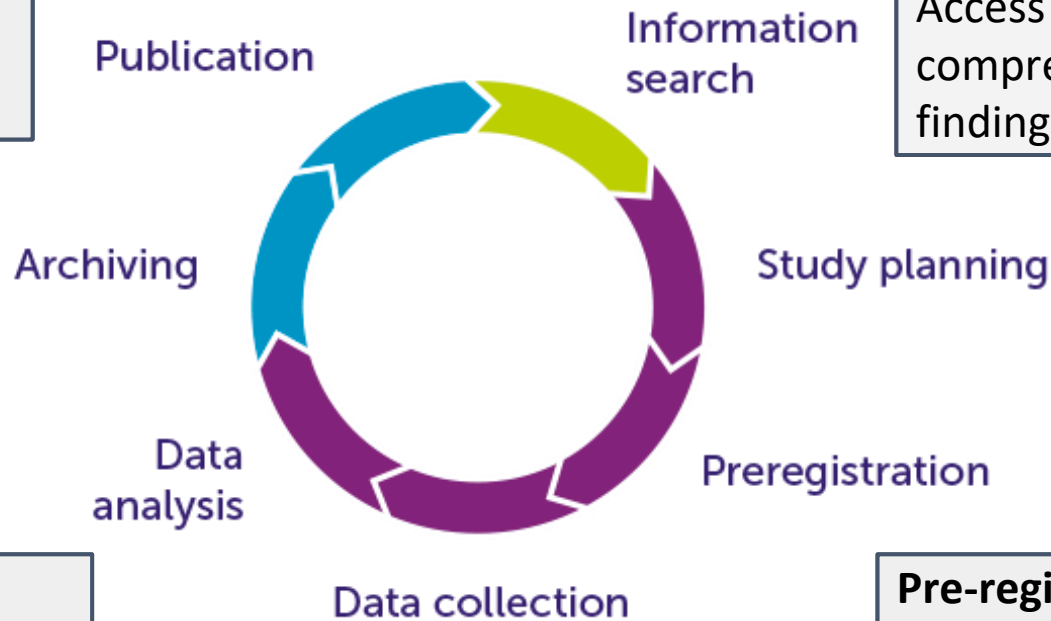
Open access publishing opportunity, accelerated synthesis

## FAIR DROs

Licensing and support for reusable resources

## Open Source

Sharing of tools and code for reproducibility and collaboration



## Open Access

Access to published works, comprehensible communication of findings to the public

## Open Methods

Adherence to protocols for data collection and metadata

**Pre-registration** Assessment of methodological quality and feedback independent of results

# ZPID and Open Science Tools



# Stay informed ...

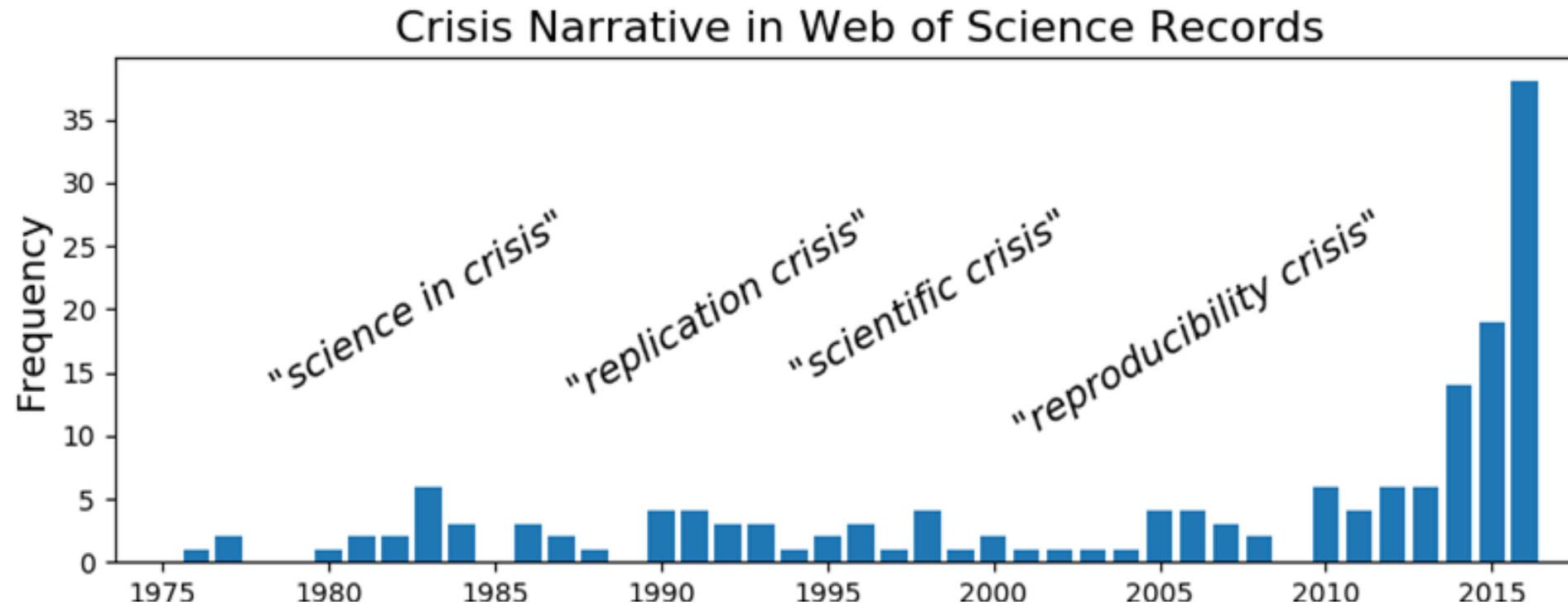
## Newsletter

Möchten Sie den ZPID Newsletter empfangen? Dann geben  
Sie Ihre E-Mail an:



@ZPID

# Replication Crisis



Number of titles, abstracts, or keywords that contain one of the following phrases: “reproducibility crisis,” “scientific crisis,” “science in crisis,” “crisis in science,” “replication crisis,” “replicability crisis”, found in the Web of Science records. Modified from ([Fanelli, 2018](#)).

# Replication Crisis: Solutions

## Reproducibility Spectrum

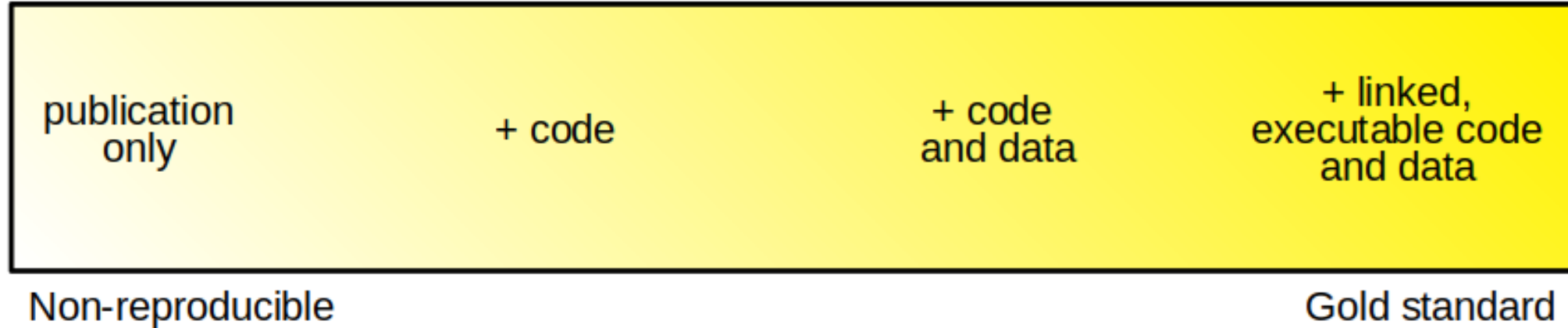


Illustration of the “spectrum of reproducibility”, ranging from not reproducible to the gold standard that includes code, data and executable files that can directly replicate the reported results. Modified from ([Peng, 2011](#)).

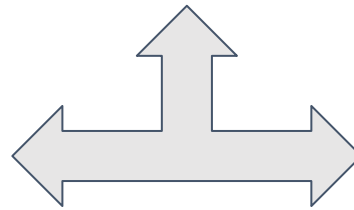


## PsychArchives

- disciplinary repository preserving digital research objects (DROs)
- easy and free access to DROs according to the FAIR principles
- <https://www.psycharchives.org>

## DataWiz

- document your studies concomitant with the research process
- export in open data formats
- <https://datawiz.leibniz-psychology.org>



## Research Data Center at ZPID

- support for the documentation and archiving of research data
- Provision of datasets and analysis structures for reuse
- <https://rdc-psychology.org/>

# Today's program

Time (CET)	Presenters	Session
15:10 h	Katarina Blask Erich Weichselgartner	Presentation and discussion. <b>Data documentation: Benefits and how to do.</b> Use the chat box or the raise hand tool for the discussion.
16:15 h	Erich Weichselgartner	Presentation and discussion. <b>Data documentation made easy with DataWiz.</b> Use the chat box or the raise hand tool for the discussion.
16:45 h	Ronny Bölter Florian Grässle Erich Weichselgartner	Practice session. <b>Using DataWiz for data documentation.</b> Bring your own data!
17:30 h	All	Wrap up and feedback

# Certificate of attendance

- add your name to the list in the chat until 15:30 at the latest
- leave your camera on the whole time (!) during the sessions
- we will send you a certificate of attendance after the workshop

Have fun and an interesting workshop!