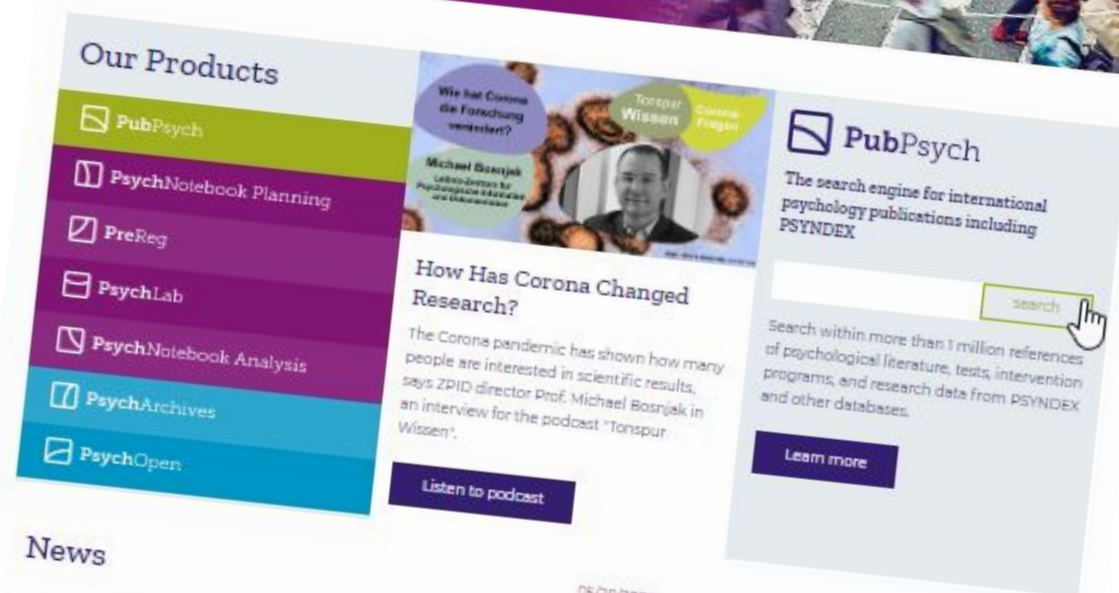




<http://bit.ly/ZPIDRoadshow-2020-Bosnjak>



## News

What's new at ZPID? Projects? Cooperation partners? Find out here.

[View all news](#)

## Newsletter

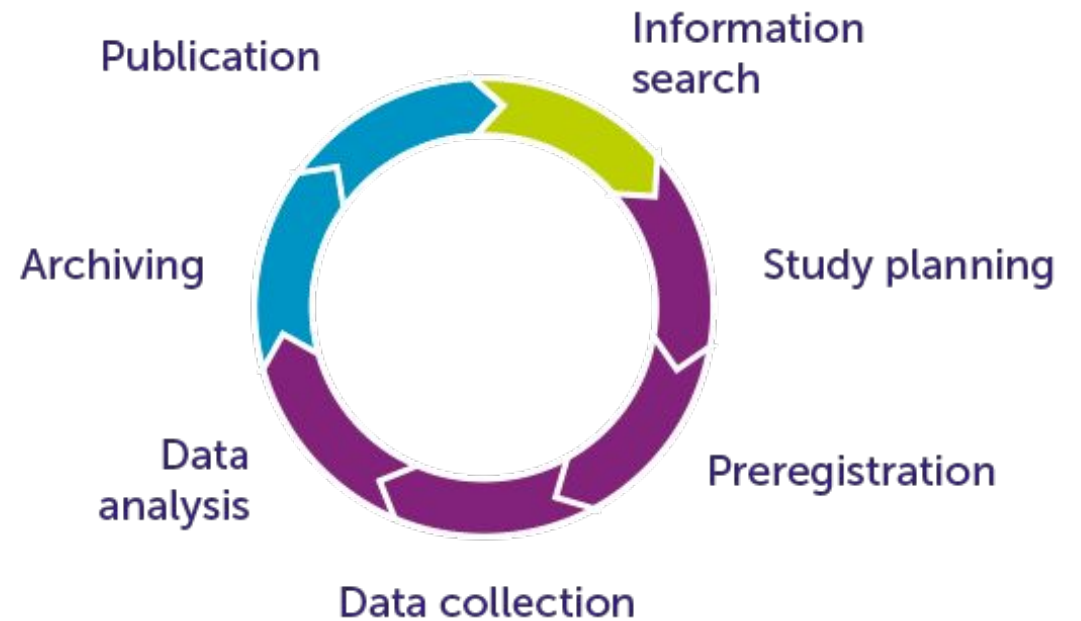
05/28/2020

### ZPID Research on COVID-19-related Social Distancing Measures

A team of six ZPID researchers suspect that COVID-19-related economic worries will superimpose the health worries in the near future, which may reduce acceptance of social distancing measures. Data from the German...

# leibniz-psychology.org (ZPID)

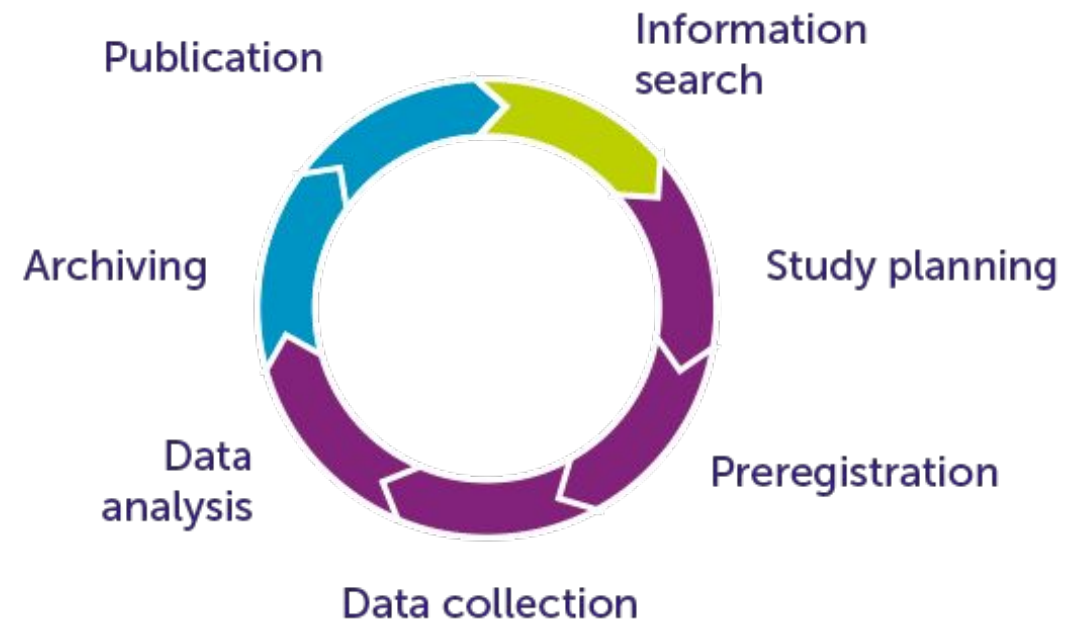
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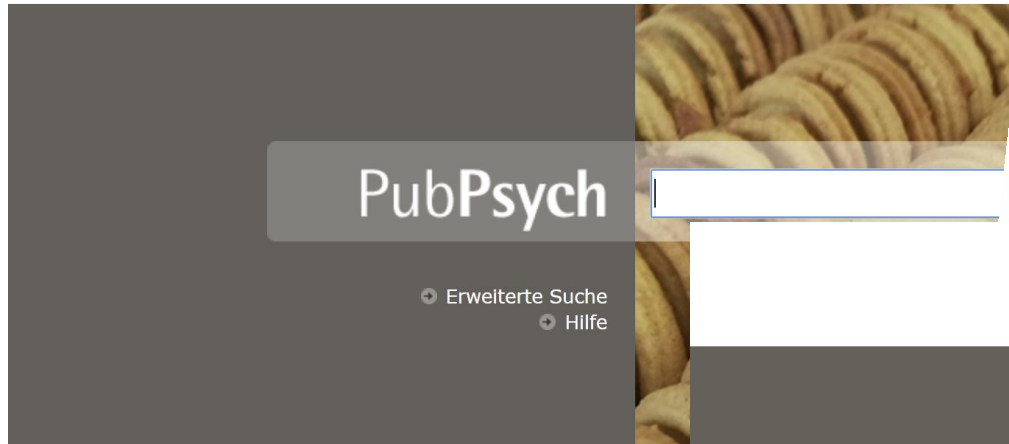
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Supporting the (scientific) community in psychology (and beyond) to make research

- accessible
- transparent
- reproducible,
- and replicable.



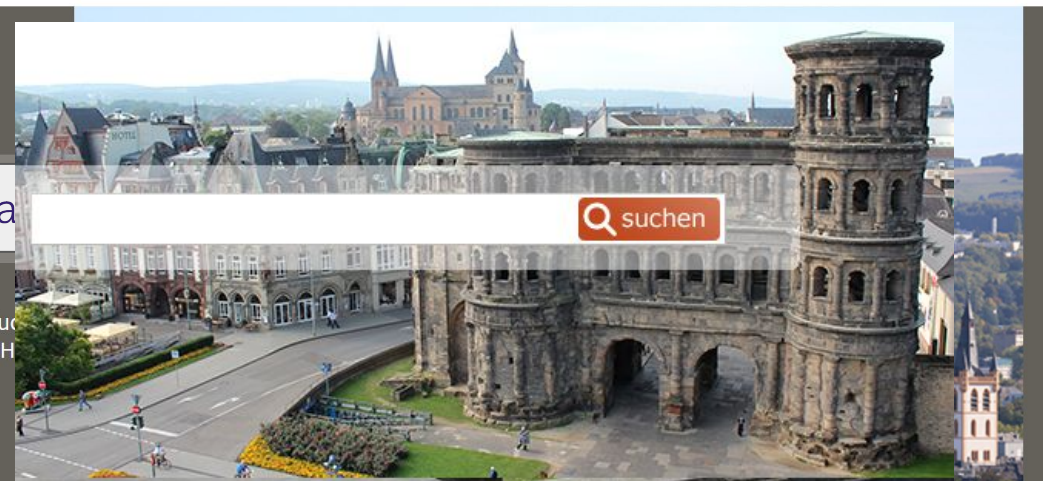
## Information search



<https://www.pubpsych.eu/>



Erweiterte Suche  
Hilfe

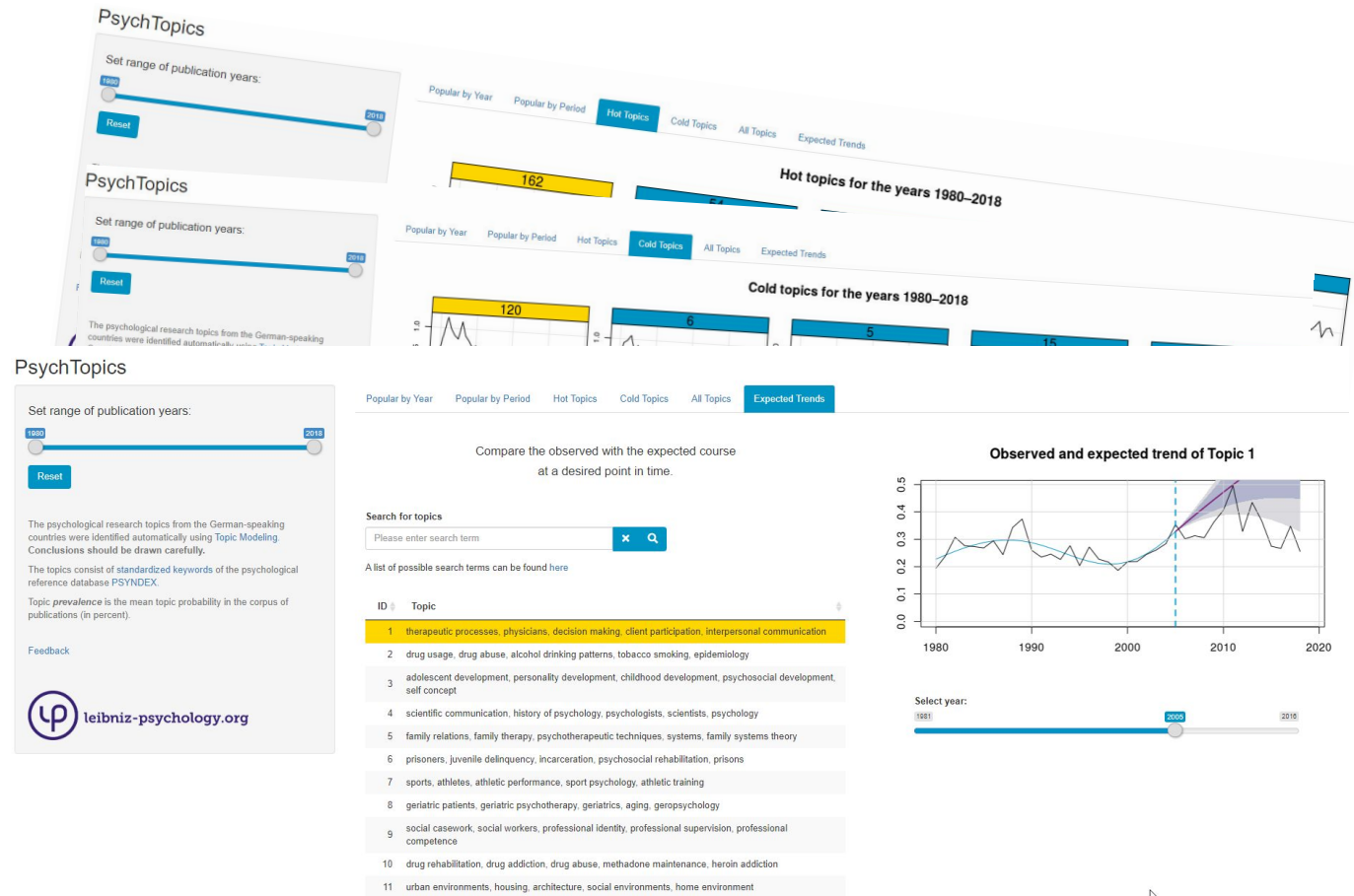
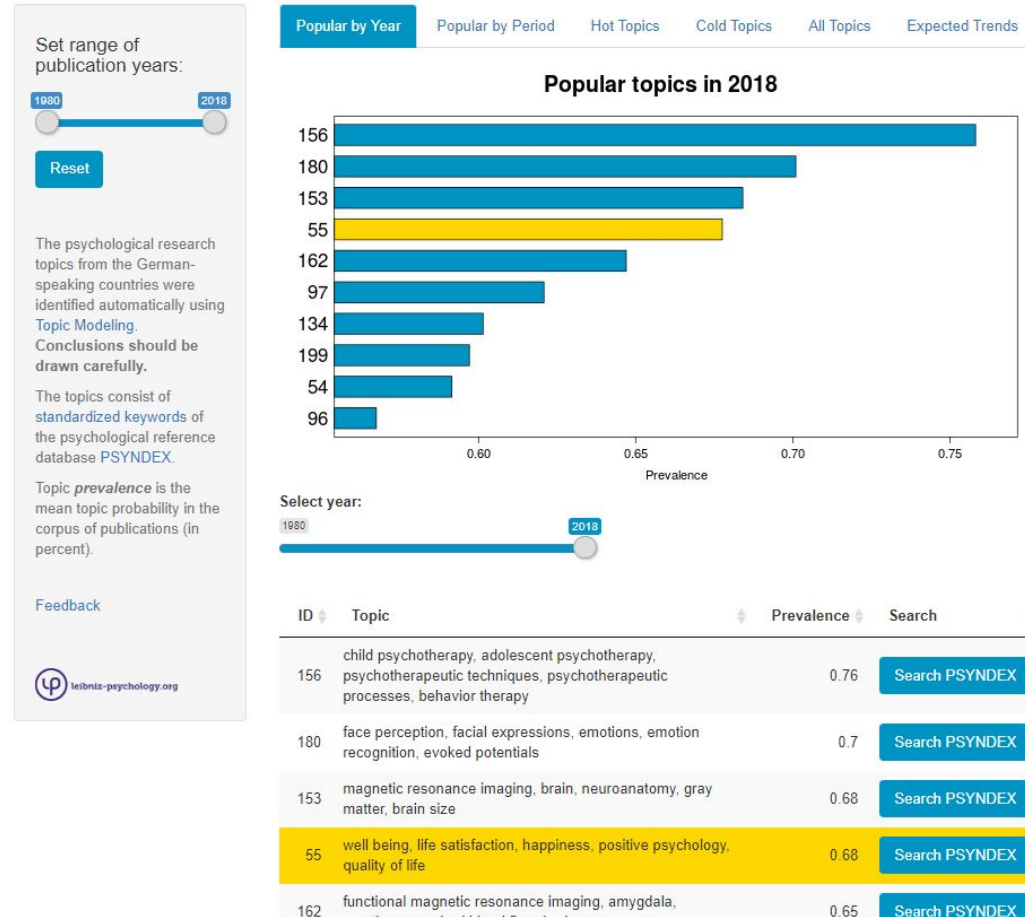


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### PsychTopics



<https://abitter.shinyapps.io/psychtopics/>

# PsychTopics: Usage Scenarios

- Finding ideas for emerging or (to-be) revitalized topics.
- Historically contextualizing your own research.
- Instructional material for students to historically contextualize study projects and dissertations.



Open

Open

# Open Test Archive

[Startseite](#)

[Nutzungsbedingungen](#)

[Test veröffentlichen](#)

[Verwandte Links](#)

## Testinstrumente

[nach Sachgeb](#)

[alphabetisch](#)

[chronologisch](#)

**Ansprechpa**

**Gülay Karade**

wissenschaftl

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guek@leibniz

Testinstrum

[nach Sachge](#)

[Einstellung](#)

[Entwicklun](#)

[Intelligenz](#)

[Interessent](#)

[Klinische V](#)

[Klinische](#)

[Dokume](#)

[Angst un](#)

[Depressi](#)

[Essstörui](#)

[Mehrdim](#)

[Persönlic](#)

[Psychose](#)

[ASTS - A](#)

[CPAQ-D - Chronic Pain](#)

## Testinstrumente sortiert

[nach Sachgebieten](#)

[alphabetisch](#)

[chronologisch](#)



**Ansprechpartnerin**

**Gülay Karadere** (Dipl.-Psych.)

wissenschaftliche Mitarbeiterin

+49 (0)651 201-4934

guek@leibniz-psychology.org

## Veröffentlichen auch Sie Ihr Testverfahren im Testarchiv!

Zum Ausbau des Testarchivs, mit dem das ZPID psychologische Verfahren bereitstellt und kostenfrei zugänglich macht, suchen wir weitere Wissenschaftler/-innen, die ihr Verfahren Nutzer/-innen im Rahmen von Open Access zur Verfügung stellen wollen.

Diese Vorteile bieten wir Ihnen:

- Ihr Verfahren wird im größten psychologischen Testarchiv aus dem deutschen Sprachraum veröffentlicht.
- Ihr Verfahren bleibt dauerhaft online verfügbar.
- Die Vervielfältigung, Verbreitung und Veröffentlichung des Verfahrens ist durch die Creative Commons Lizenzen geregelt.
- Sie erhalten von den Testnutzer/-innen, die Ihr Verfahren eingesetzt haben, Rückmeldung über Forschungsergebnisse.

## Wie veröffentliche ich ein Testverfahren?

[Einverständniserklärung](#)

Wir benötigen Ihre Zustimmung und die Ihrer Koautor/-innen, die auch die Rechte an diesem Verfahren besitzen.

[Einverständniserklärung \(PDF\)](#)

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- Item source for teaching projects
- Current spectrum: Attitude tests, developmental measures, intelligence tests, interest inventories, clinical tests, achievement, aptitude and ability tests, personality tests, scholastic achievement tests, sensorimotor measures, behavior scales

Study planning

Data analysis



PsychNotebook



PsychNotebook

x +

notebook.org/workspaces/11



leibniz-psychology.org



PsychNotebook

Projekte

Halle

Bearbeiten

Teilen

Löschen

expStudy\_WiPro2020

Geteiltes Projekt mit Camila Azúa Michael Bosnjak

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Kontakt

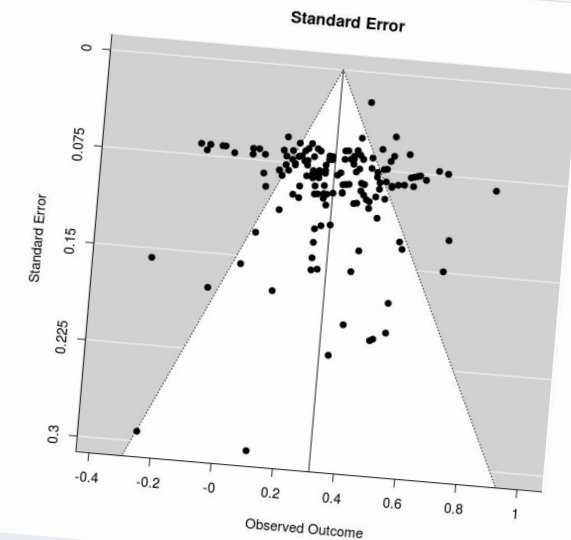
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```



# PsychNotebook: Usage Scenarios

- Collaborative planning, analyzing, and documenting research projects.
- Collaborative teaching projects.
- One-click archiving functionality for long-term preservation.

## Preregistration



Registered Reports Workshop 2018



# PreReg: Usage Scenarios

- Framework to develop (pre-registered) study protocols, based on agreed-upon templates endorsed by professional associations (currently: APA, BPS, DGPs plus ZPID). APA style guide-compliant.
- Notarized proof of authorship in the earliest possible stage of idea development.
- Educational tool to train students in study planning.
- Entry ticket for free data collection in PsychLab (see next).

## Data collection

 PsychLab



# PsychLab: Usage Scenarios

- Low-hurdle data collection:
  - Current model:  
Proposal > Proposal Decision > Own Data Collection > Paper preparation
  - Our model:  
Protocol > Protocol Decision > **Independent** Data Collection for free >  
Protocol finalization = Paper
- Large-scale panel and top-notch technology for eye tracking
- Free of charge, only quality is decisive for acceptance/refusal
- Long-term preservation of DROs (see next)


 PsychArchives

Home   Contribute   Browse ▾   🔍

## Disciplinary Repository for Psychological Science

**PsychArchives** is a disciplinary repository preserving a variety of digital research objects (DROs), with 21 different publication types (preprints, primary, and secondary publications), research data, tests, preregistrations, multimedia and code. We provide easy and free access to DROs according to the FAIR principles, which implies the commitment to ensure that research and research data are findable, accessible, interoperable, and reusable.

Please find all content regarding **COVID-19 Snapshot Monitoring (COSMO Standard)** in a special collection.



### Highlighted Submissions

**COVID-19 Snapshot Monitoring (COSMO Standard):** Monitoring knowledge, risk perceptions, preventive behaviours, and public trust in the current coronavirus outbreak - WHO standard protocol (WHO Regional Office for Europe) 2020-03-17 studyProtocol

### Recent Submissions

**The PSA Calls for Rapid and Impactful Study Proposals on COVID-19** (Psychological Science Accelerator) 2020-06-01 other

### PsychArchives in a nutshell

#### ➤ Shared Digital Research Objects (DRO)

- research outputs from the entire cycle of psychological research are welcome.

#### ➤ Citable and discoverable

- uploads are assigned a Digital Object Identifier (DOI) to make them easily and uniquely citable.

#### ➤ Open licensing

- fostering re-use and open science.

#### ➤ Safe

- your research output is stored safely for the future at a sustainable, publicly funded infrastructure.

## DataWiz

**DataWiz is a free data management system that helps prepare research data.**

DataWiz ...

- facilitates high-quality documentation according to current standards.
- enables collaborative and distributed work on projects.
- ensures the long-term reusability of research data.

**DataWiz covers the entire research data management process:**

#### Creation

- Organize and document research projects
- Create data management plans adapted to the requirements of various sponsors (BfG, DFG)

#### Processing

- Export study documentation for preregistrations
- Work together with specific assignment of access rights

#### Analysis

- Import and version control records
- Read variable descriptions from SPSS and convert into codebooks
- Convert to relevant data formats

#### Archiving and reuse

- Export entire project or individual studies into long-term readable formats for your own re
- Provide via PsychArchives, the ZPID repository

**Getting started with DataWiz:**

If you need a DataWiz account that you can create [here](#). After logging in with your DataWiz user

# PsychArchives / DataWiz: Usage Scenarios

- Generating a data management plan using DataWiz for a prospective study (as requested by an increased number of funding institutions).
- Reproducible documentation of already collected data using DataWiz.
- Free long-term preservation of own DROs, e.g. supplements of publications, theses, presentations/course material, video material, and more. DOI-identifiable, GDPR-compliant, fine-grained access levels.
- Growing DRO-source for research and teaching.

Publication



<https://www.psychopen.eu/>



PERSONALITY SCIENCE



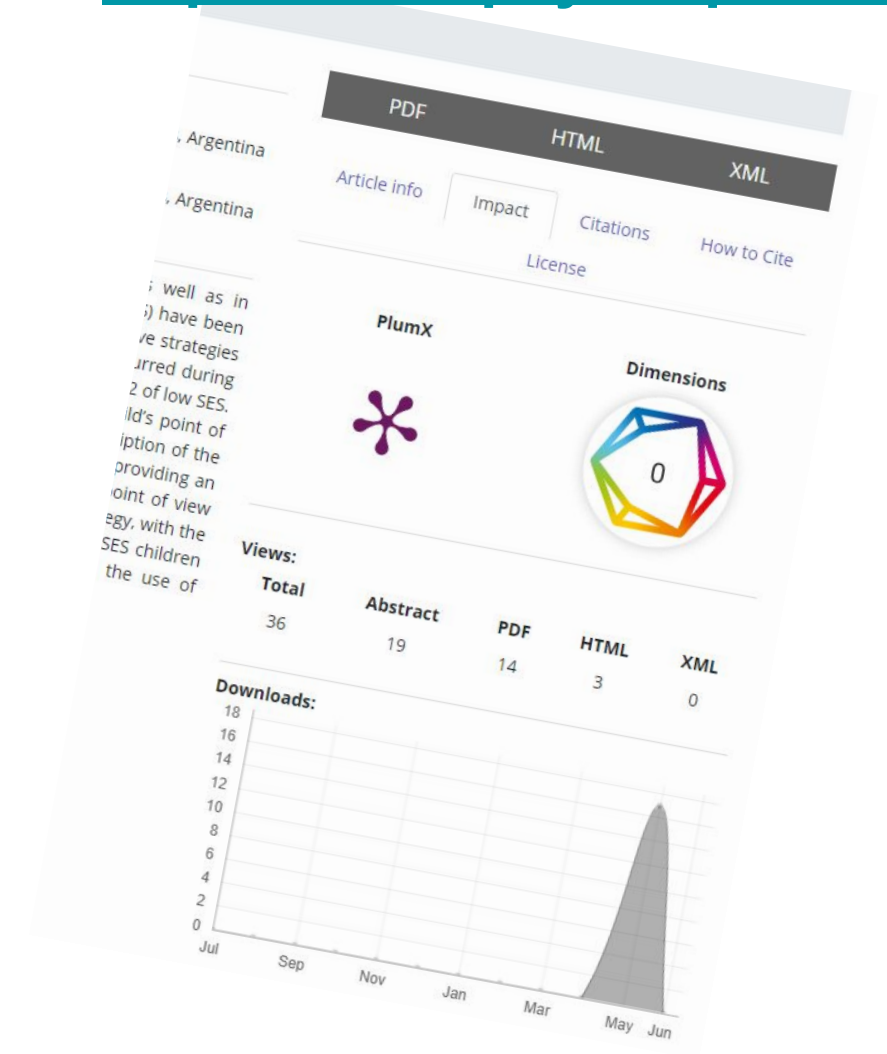
Quantitative and Computational Methods  
in Behavioral Sciences



METHODOLOGY

European Journal of Research Methods for the Behavioral and Social Sciences

Sexual Offending  
*Theory, Research, and Prevention*



# PsychOpen GOLD: Usage Scenarios

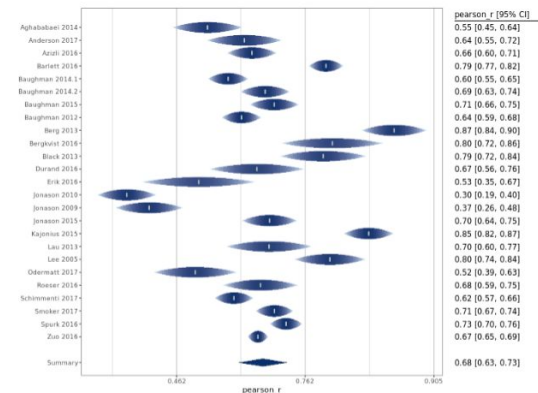
- *For readers:* Free articles in rising star journals, extended functionalities (impact, related literature, archive integration, notebook integration, etc.)
- *For researchers:* Open access publication opportunity in highly visible/accessible journals, no APCs
- *For professional associations:* Free journal publishing opportunity, high-quality publishing services offered by ZPID

# PsychOpen CAMA

[Home](#) [Data](#) [Analyses](#) [Study planning](#) [Tutorials](#)
[My CAMA](#)

## Basic Analyses

select domain	Personality psychology
select dataset	Correlation of Machiavellianism and Psychopathy
select effect strength	pearson_r
<a href="#">Update View</a>	

[RMA Model](#) [Forest Plot](#) [Cumulative Forest Plot](#) [Funnel Plot](#)


## Forest Plot

☒ switch between normal forest plot and rainforest plot

The forest plot displays the confidence interval for each effect size included in the meta-analysis.

Smaller studies usually have wider confidence intervals, as there is more uncertainty in the estimation.

At the bottom, the summary shows the mean effect size and its corresponding confidence interval.

As for the meta-analytic estimate, information from multiple samples is used, the estimation is based on more evidence and the confidence interval is usually smaller than in the single studies.

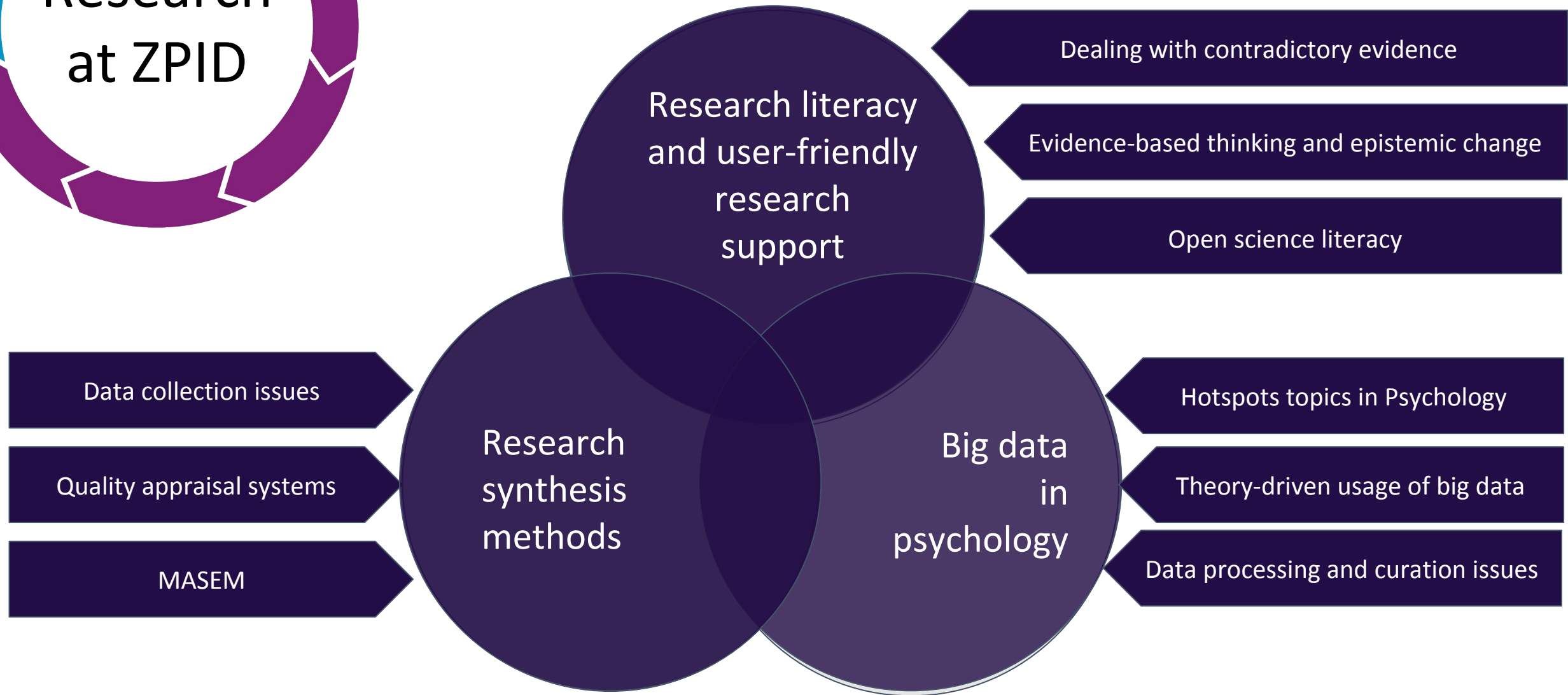


# PsychOpen CAMA: Usage Scenarios

- Continuously updated evidence on hotspot topics in Psychology
- Planning and implementation tool for your own meta-analyses
- Tool to let the community update your meta-analysis
- Valuable source for teaching evidence-based research issues / research methods classes

# Research at ZPID



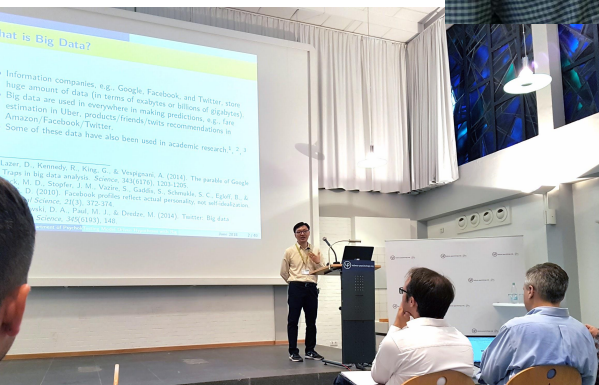




## Research Synthesis 2018 & 2019



## Open Science 2019



## Big Data 2018 & 2019

## Workshop with Ick Ajzen 2018



Michael Bošnjak  
Edgar Erdfeiler  
(Editors)

## Hotspots in Psychology 2018

Zeitschrift für Psychologie  
Founded in 1890  
Volume 226 / Number 1 / 2018

Editor-in-Chief  
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Associate Editors  
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Bernd Lamm



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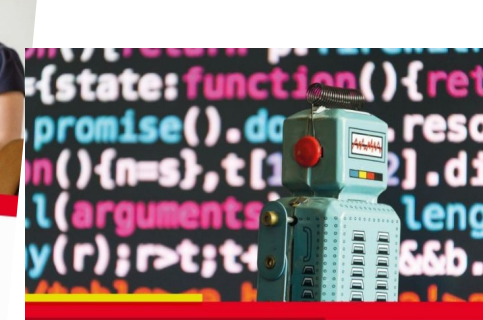
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Mike W.-L. Cheung  
Suzanne Jak  
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## Big Data in Psychology

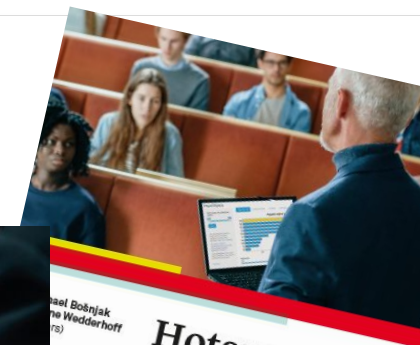
Methods and Applications

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## Hotspots in Psychology 2020



Frank Renkewitz  
Moritz Heene  
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## ZPID Replicability Talk

M. Joseph Sirgy



Titel des Vortrags: Positive Balance: An integrative and replicable model of subjective well-being across hierarchical levels of analysis.

## Research Synthesis 2019 inkl. Big-Data-Symposium

Larry V. Hedges



Titel des Vortrags: Meta-analytic perspectives when studying replication

Wolfgang Viechtbauer



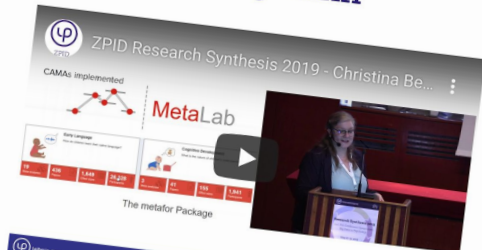
Titel des Vortrags: The R package metafor: Past, present and future

Terri Pigott



Titel des Vortrags: Considerations for power in meta-analysis

Christina Bergmann



Titel des Vortrags: Dynamically aggregating evidence in community-augmented meta-analyses

Joan Ho

<http://bit.ly/ZPIDRoadshow-2020-Bosnjak>

# Learn more about ZPID ...

## Newsletter

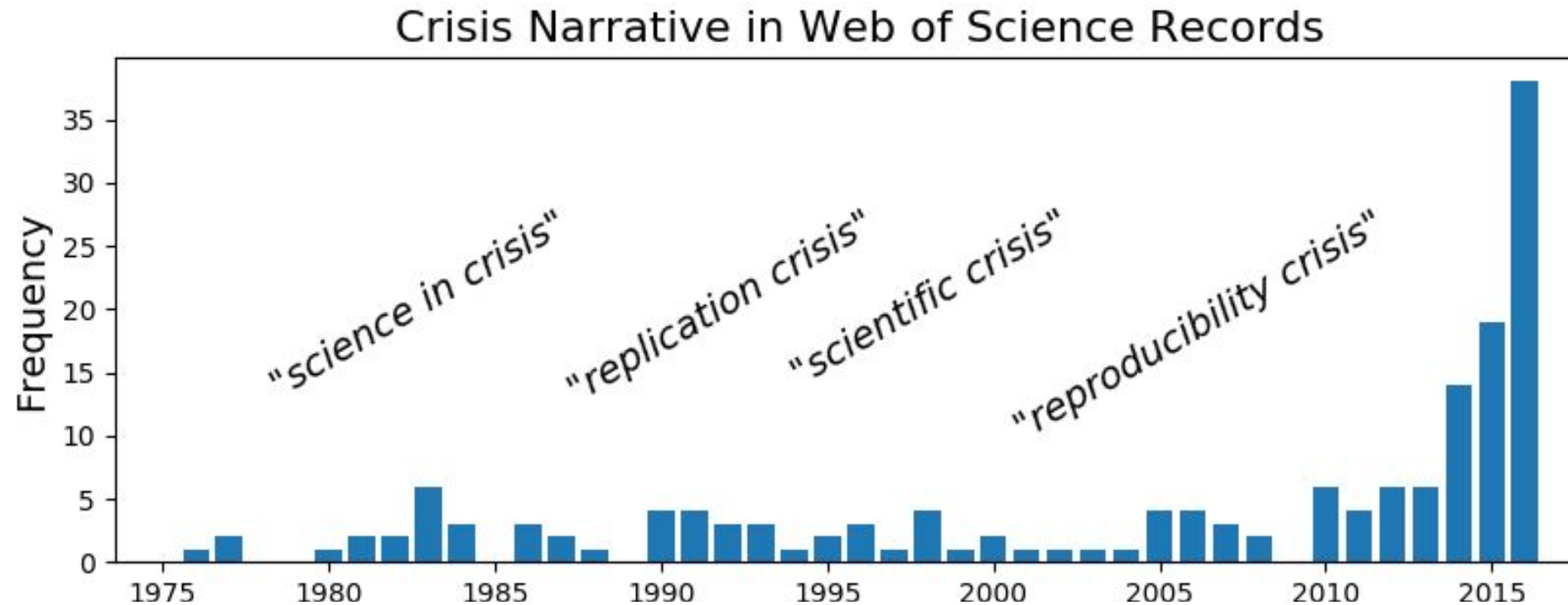
Do you wish to receive the ZPID newsletter? Please enter your e-mail address:



@ZPID

[www.lifp.de/evaluation](http://www.lifp.de/evaluation)

# 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: Open Science I

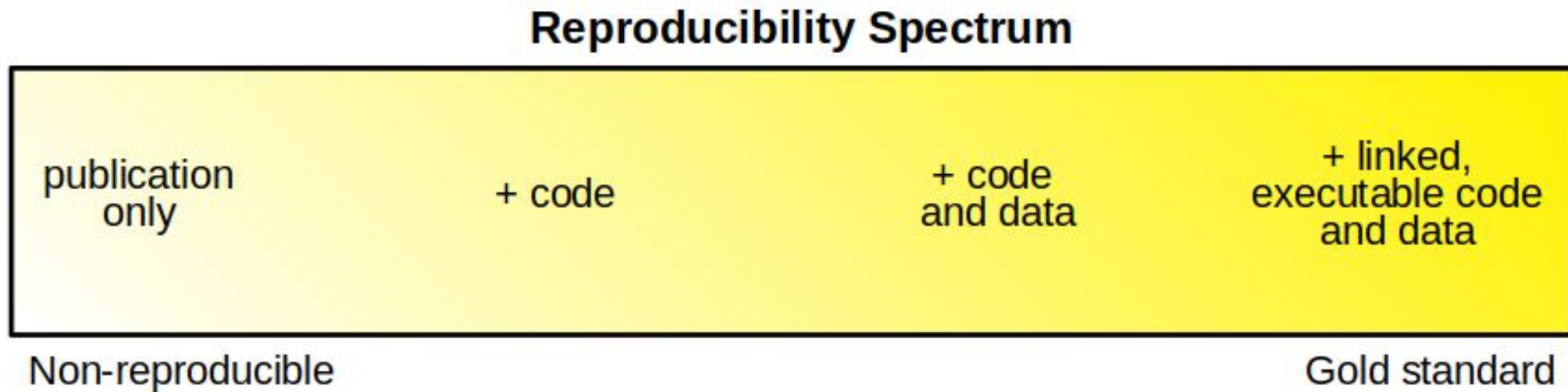
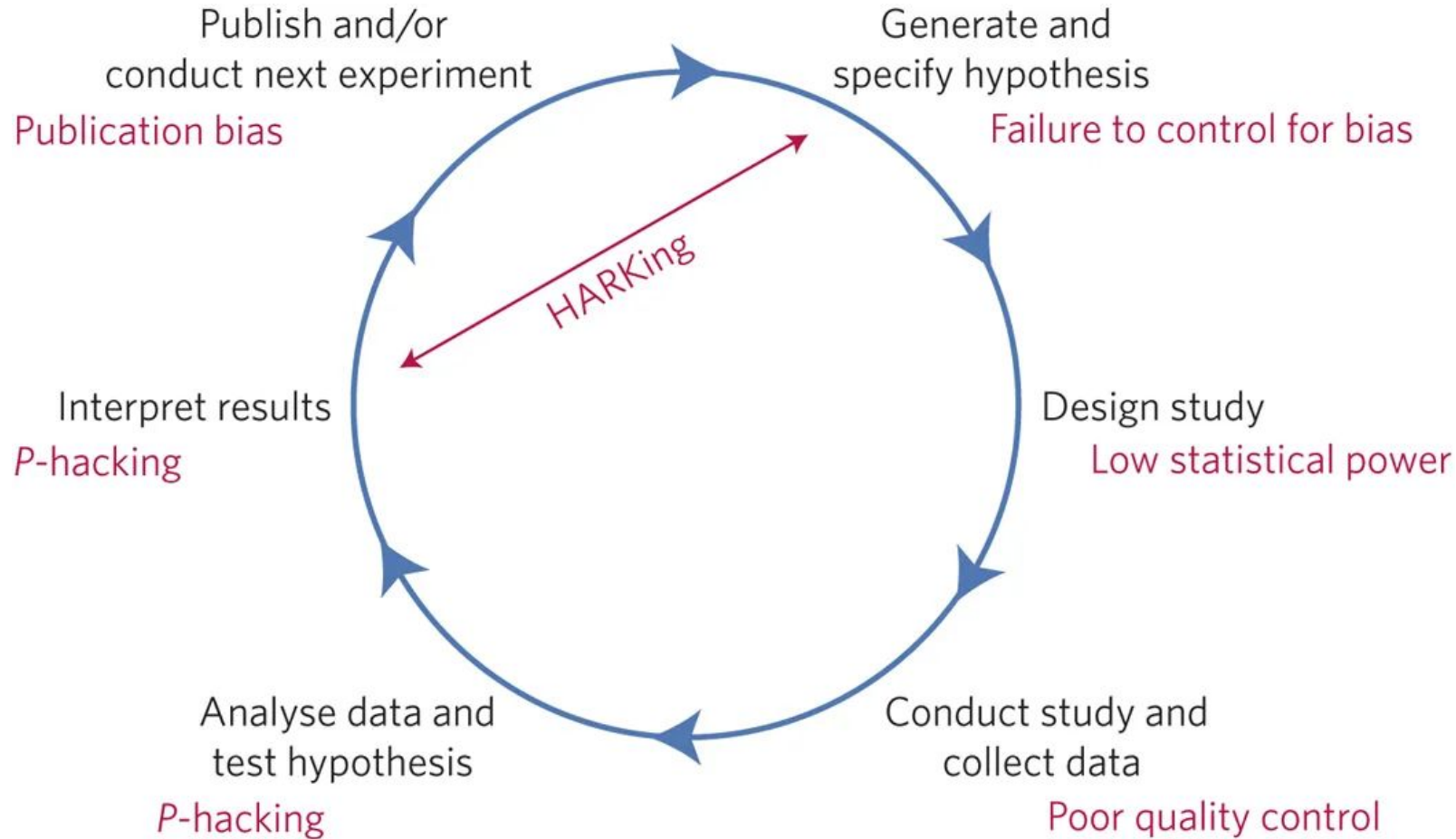


Illustration of the “spectrum of reproducibility”, ranging from not reproducible to the gold standard that includes code, data and executable files that can directly replicate the reported results. Modified from ([Peng, 2011](#)).

# Replication Crisis: Solutions: Open Science II



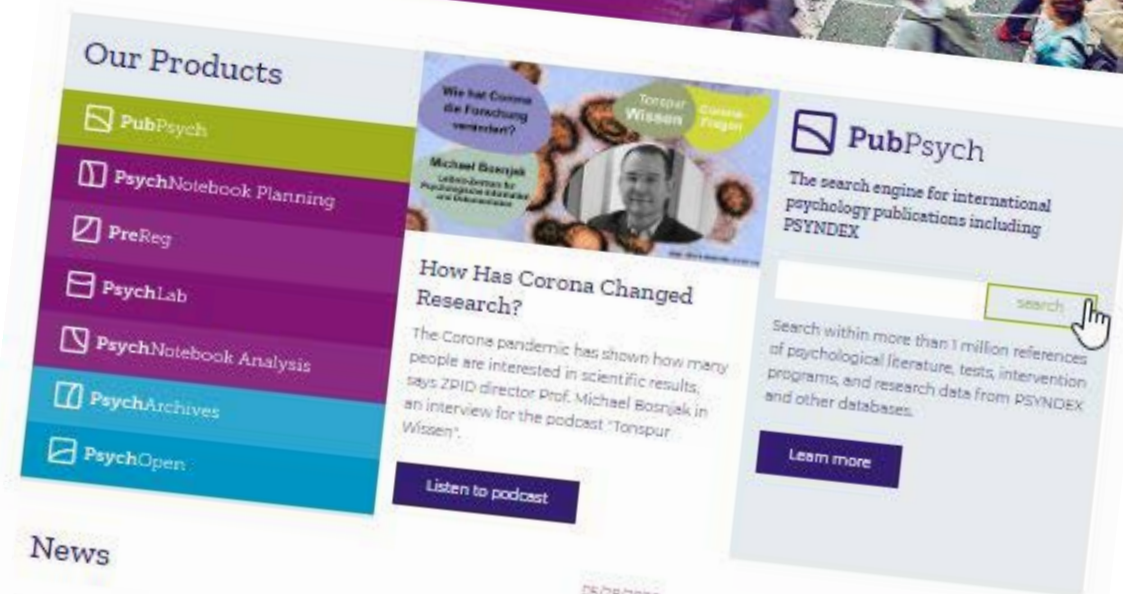
[Munafo et al. \(2017\): “A manifesto for reproducible science”](#), summarizes the **vulnerability of empirical research** in different stages of an idealized **research cycle**.

**Video with Chris Chambers** on Registered Reports as on solution to address the threats to empirical science:  
<https://youtu.be/d2nVPhVacFk>

**Example** of two interrelated **preregistered studies** at ZPID:  
<http://dx.doi.org/10.23668/psycharchives.2636>



<http://bit.ly/ZPIDRoadshow-2020-Bosnjak>



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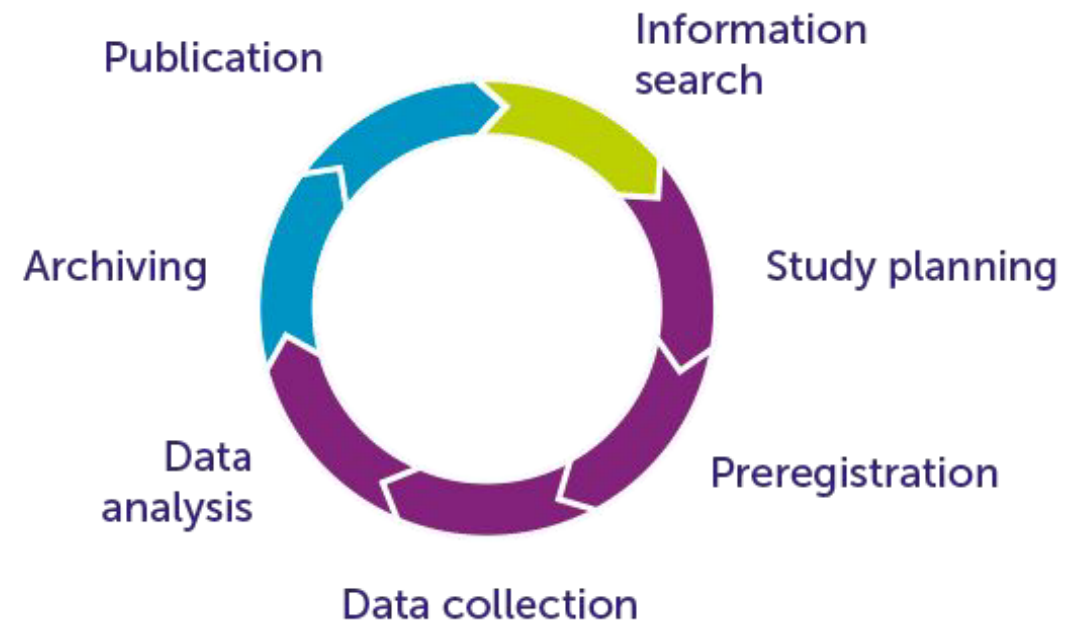
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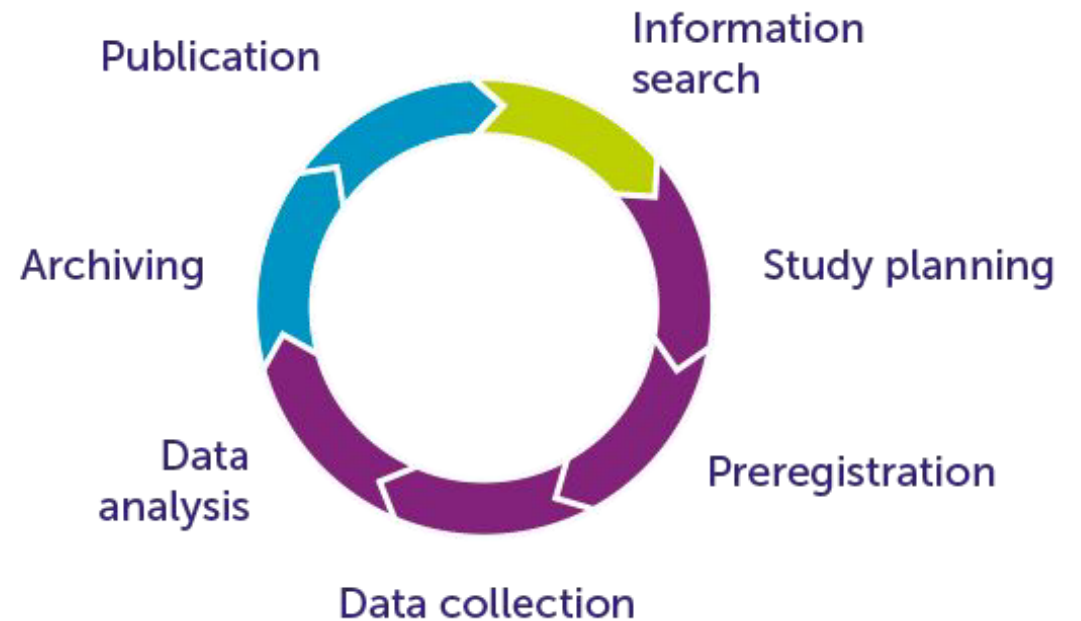
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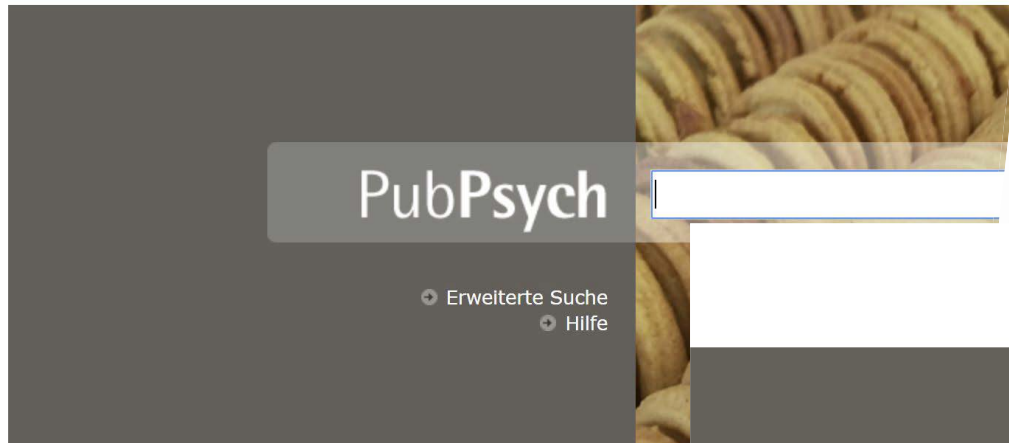
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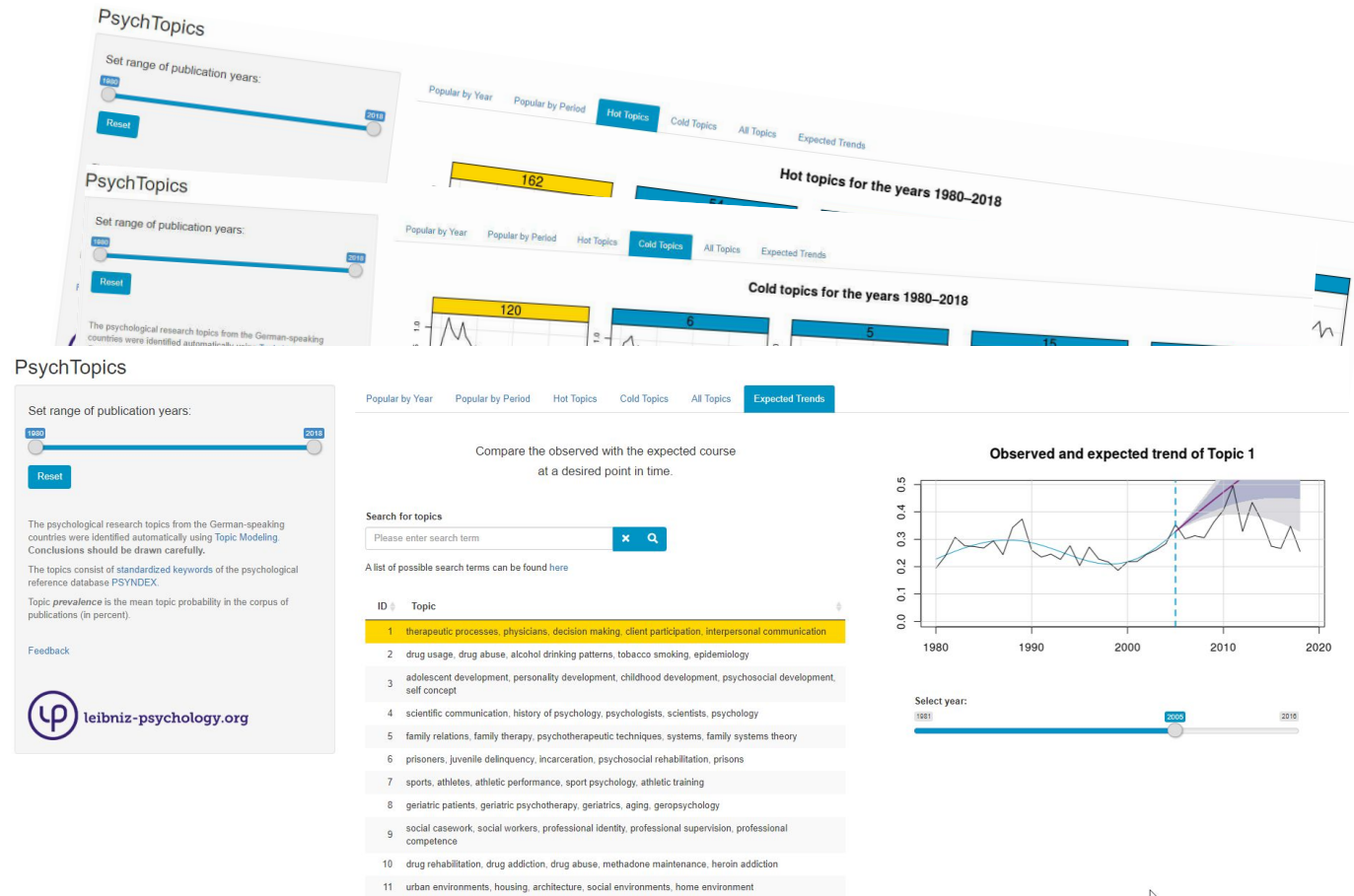
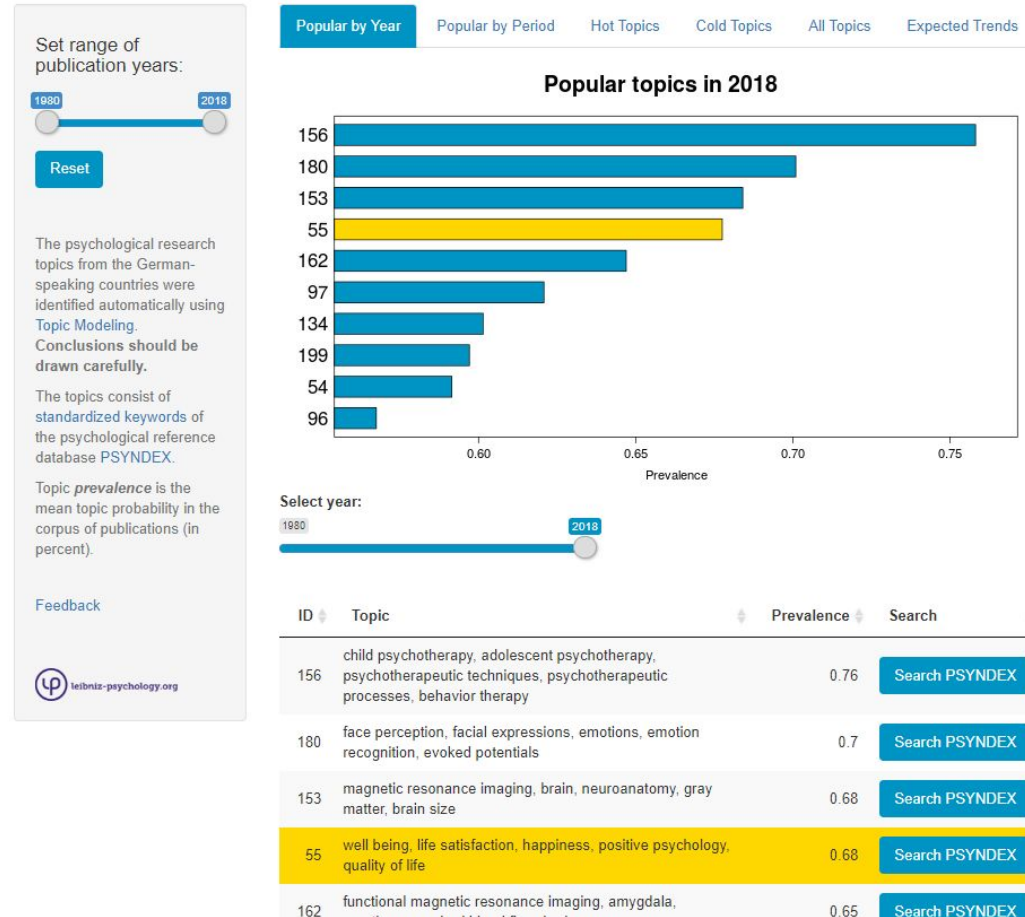


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[testrelevante Su](#)

Testinstrum

[nach Sachge](#)

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[Entwicklun](#)

[Intelligenz](#)

[Interessent](#)

[Klinische V](#)

[Klinische](#)

[Dokume](#)

[Angst un](#)

[Depressi](#)

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[Mehrdim](#)

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[Psychose](#)

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[chronologisch](#)

testrelevante Suchbegriffe eingeb



Ansprechpa

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wissenschaftl

+49 (0)651 201

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Ansprechpartnerin

**Gülay Karadere** (Dipl.-Psych.)

wissenschaftliche Mitarbeiterin

+49 (0)651 201-4934

guek@leibniz-psychology.org

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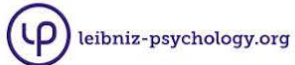
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notebook.org/workspaces/11



Projekte Halle

Bearbeiten

Teilen

Löschen

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Kontakt

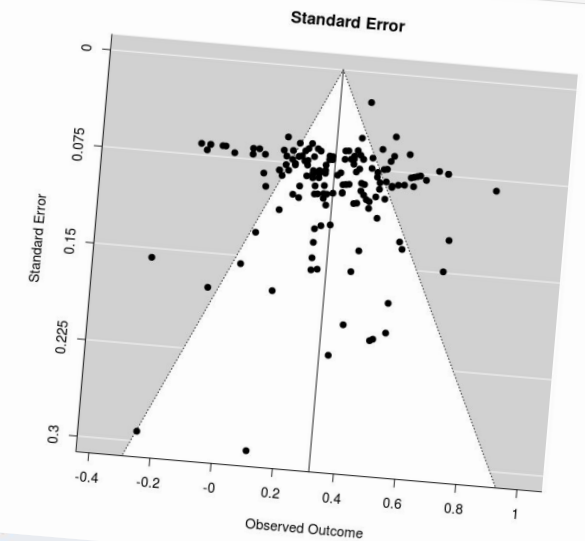
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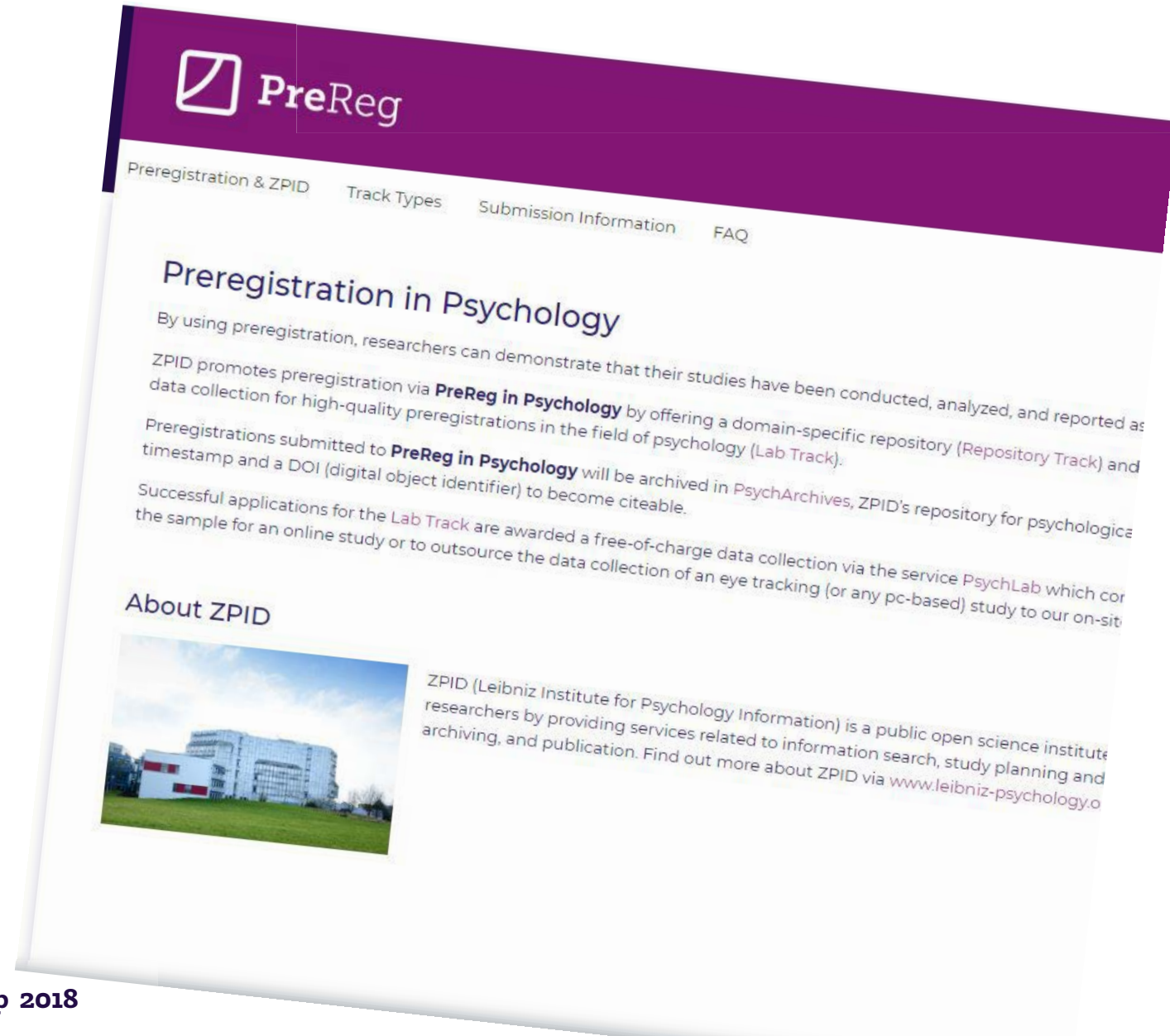
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- Collaborative teaching projects.
- One-click archiving functionality for long-term preservation.

## Preregistration



Registered Reports Workshop 2018



# PreReg: Usage Scenarios

- Framework to develop (pre-registered) study protocols, based on agreed-upon templates endorsed by professional associations (currently: APA, BPS, DGPs plus ZPID). APA style guide-compliant.
- Notarized proof of authorship in the earliest possible stage of idea development.
- Educational tool to train students in study planning.
- Entry ticket for free data collection in PsychLab (see next).

## Data collection

 PsychLab



# PsychLab: Usage Scenarios

- Low-hurdle data collection:
  - Current model:  
Proposal > Proposal Decision > Own Data Collection > Paper preparation
  - Our model:  
Protocol > Protocol Decision > **Independent** Data Collection for free >  
Protocol finalization = Paper
- Large-scale panel and top-notch technology for eye tracking
- Free of charge, only quality is decisive for acceptance/refusal
- Long-term preservation of DROs (see next)


 PsychArchives

 Home   Contribute   Browse   

## Disciplinary Repository for Psychological Science

PsychArchives is a disciplinary repository preserving a variety of digital research objects (DROs), with 21 different publication types (preprints, primary, and secondary publications), research data, tests, preregistrations, multimedia and code. We provide easy and free access to DROs according to the FAIR principles, which implies the commitment to ensure that research and research data are findable, accessible, interoperable, and reusable.

Please find all content regarding [COVID-19 Snapshot Monitoring \(COSMO Standard\)](#) in a special collection.



### Highlighted Submissions

**COVID-19 Snapshot Monitoring (COSMO Standard):** Monitoring knowledge, risk perceptions, preventive behaviours, and public trust in the current coronavirus outbreak - WHO standard protocol (WHO Regional Office for Europe) 2020-03-17 studyProtocol

### Recent Submissions

**The PSA Calls for Rapid and Impactful Study Proposals on COVID-19** (Psychological Science Accelerator) 2020-06-01 other

### PsychArchives in a nutshell

#### Shared Digital Research Objects (DRO)

- research outputs from the entire cycle of psychological research are welcome.

#### Citable and discoverable

- uploads are assigned a Digital Object Identifier (DOI) to make them easily and uniquely citable.

#### Open licensing

- fostering re-use and open science.

#### Safe

- your research output is stored safely for the future at a sustainable, publicly funded infrastructure.

## DataWiz

DataWiz is a free data management system that helps prepare research data.

DataWiz ...

- facilitates high-quality documentation according to current standards.
- enables collaborative and distributed work on projects.
- ensures the long-term reusability of research data.

DataWiz covers the entire research data management process:

#### Creation

- Organize and document research projects
- Create data management plans adapted to the requirements of various sponsors (BfG, DFG)

#### Processing

- Export study documentation for preregistrations
- Work together with specific assignment of access rights

#### Analysis

- Import and version control records
- Read variable descriptions from SPSS and convert into codebooks
- Convert to relevant data formats

#### Archiving and reuse

- Export entire project or individual studies into long-term readable formats for your own re
- Provide via PsychArchives, the ZPID repository

Getting started with DataWiz:

If you need a DataWiz account that you can create [here](#). After logging in with your DataWiz user

# PsychArchives / DataWiz: Usage Scenarios

- Generating a data management plan using DataWiz for a prospective study (as requested by an increased number of funding institutions).
- Reproducible documentation of already collected data using DataWiz.
- Free long-term preservation of own DROs, e.g. supplements of publications, theses, presentations/course material, video material, and more. DOI-identifiable, GDPR-compliant, fine-grained access levels.
- Growing DRO-source for research and teaching.

Publication



<https://www.psychopen.eu/>



PERSONALITY SCIENCE



Quantitative and Computational Methods  
in Behavioral Sciences



METHODOLOGY

European Journal of Research Methods for the Behavioral and Social Sciences

Sexual Offending  
*Theory, Research, and Prevention*



# PsychOpen GOLD: Usage Scenarios

- *For readers:* Free articles in rising star journals, extended functionalities (impact, related literature, archive integration, notebook integration, etc.)
- *For researchers:* Open access publication opportunity in highly visible/accessible journals, no APCs
- *For professional associations:* Free journal publishing opportunity, high-quality publishing services offered by ZPID

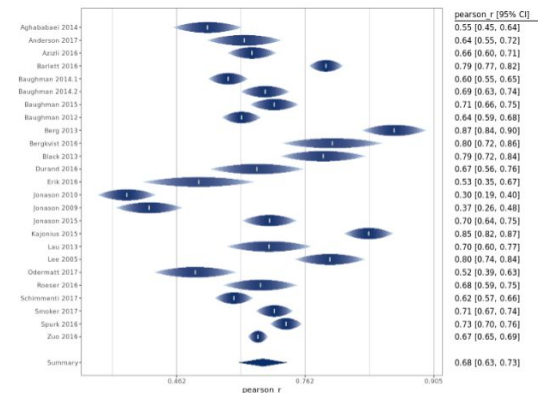
# PsychOpen CAMA

[Home](#)
[Data](#)
[Analyses](#)
[Study planning](#)
[Tutorials](#)

My CAMA

## Basic Analyses

select domain	Personality psychology
select dataset	Correlation of Machiavellianism and Psychopathy
select effect strength	pearson_r
<a href="#">Update View</a>	

[RMA Model](#)
[Forest Plot](#)
[Cumulative Forest Plot](#)
[Funnel Plot](#)


## Forest Plot

☒ switch between normal forest plot and rainforest plot

The forest plot displays the confidence interval for each effect size included in the meta-analysis.

Smaller studies usually have wider confidence intervals, as there is more uncertainty in the estimation.

At the bottom, the summary shows the mean effect size and its corresponding confidence interval.

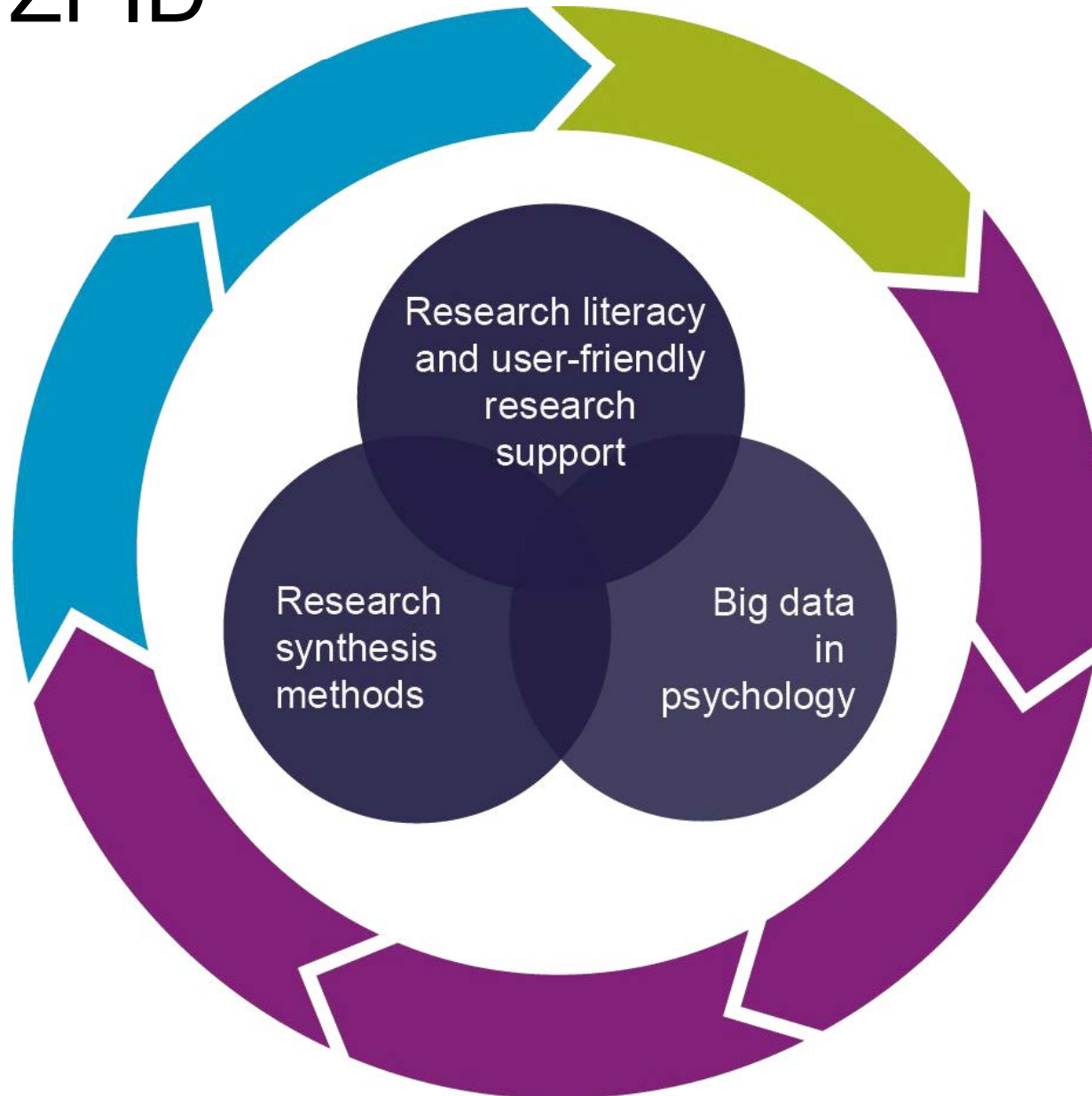
As for the meta-analytic estimate, information from multiple samples is used, the estimation is based on more evidence and the confidence interval is usually smaller than in the single studies.

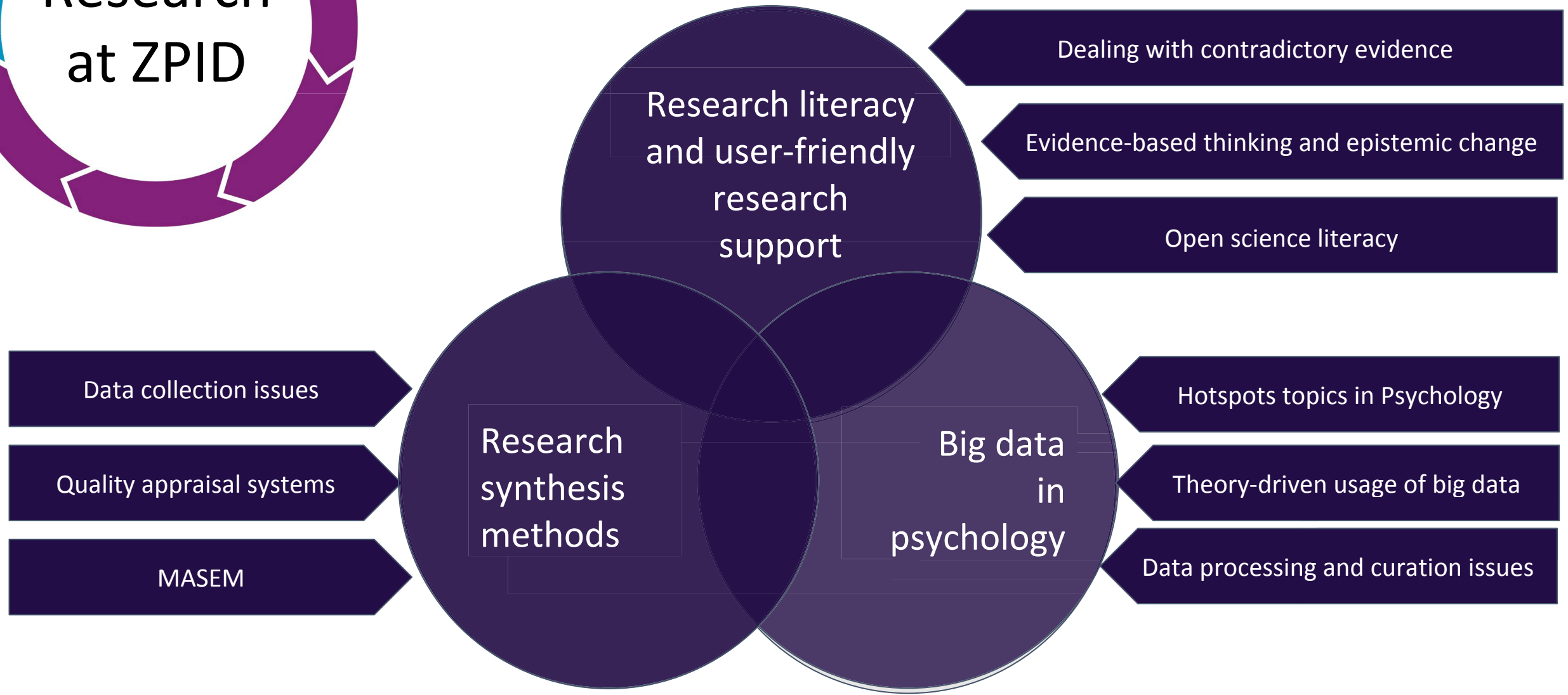


# PsychOpen CAMA: Usage Scenarios

- Continuously updated evidence on hotspot topics in Psychology
- Planning and implementation tool for your own meta-analyses
- Tool to let the community update your meta-analysis
- Valuable source for teaching evidence-based research issues / research methods classes

# Research at ZPID







## Research Synthesis 2018 & 2019



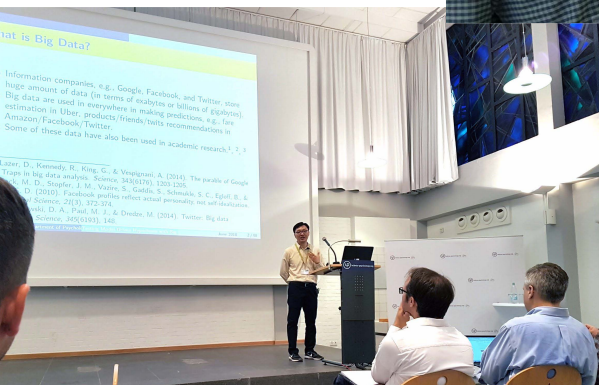
## Open Science 2019



## Workshop with Ick Ajzen 2018



## Big Data 2018 & 2019



Michael Bošnjak  
Edgar Erdfelder  
(Editors)

## Hotspots in Psychology 2018

Zeitschrift für Psychologie  
Founded in 1890  
Volume 226 / Number 1 / 2018

Editor-in-Chief  
Edgar Erdfelder

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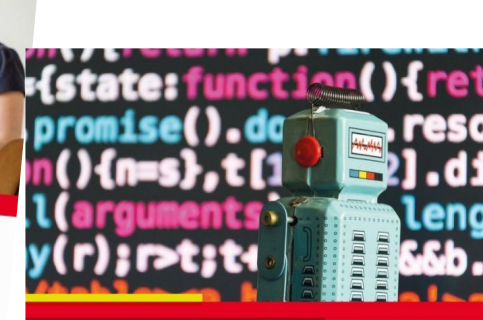
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(Editors)

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## Big Data in Psychology

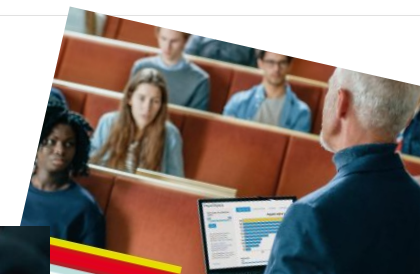
Methods and Applications

Zeitschrift für Psychologie  
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Herta Flor  
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## Hotspots in Psychology 2020



Frank Renkewitz  
Moritz Heene  
(Editors)

## Open Science in Psychology

Progress and Yet Unsolved Problems

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## ZPID Replicability Talk

M. Joseph Sirgy



Titel des Vortrags: Positive Balance: An integrative and replicable model of subjective well-being across hierarchical levels of analysis.

## Research Synthesis 2019 inkl. Big-Data-Symposium

Larry V. Hedges



Titel des Vortrags: Meta-analytic perspectives when studying replication

Wolfgang Viechtbauer



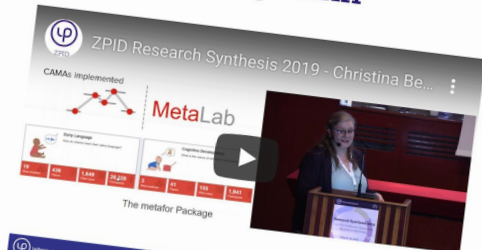
Titel des Vortrags: The R package metafor: Past, present and future

Terri Pigott



Titel des Vortrags: Considerations for power in meta-analysis

Christina Bergmann



Titel des Vortrags: Dynamically aggregating evidence in community-augmented meta-analyses

Isaac Hoy

<http://bit.ly/ZPIDRoadshow-2020-Bosnjak>

# Learn more about ZPID ...

## Newsletter

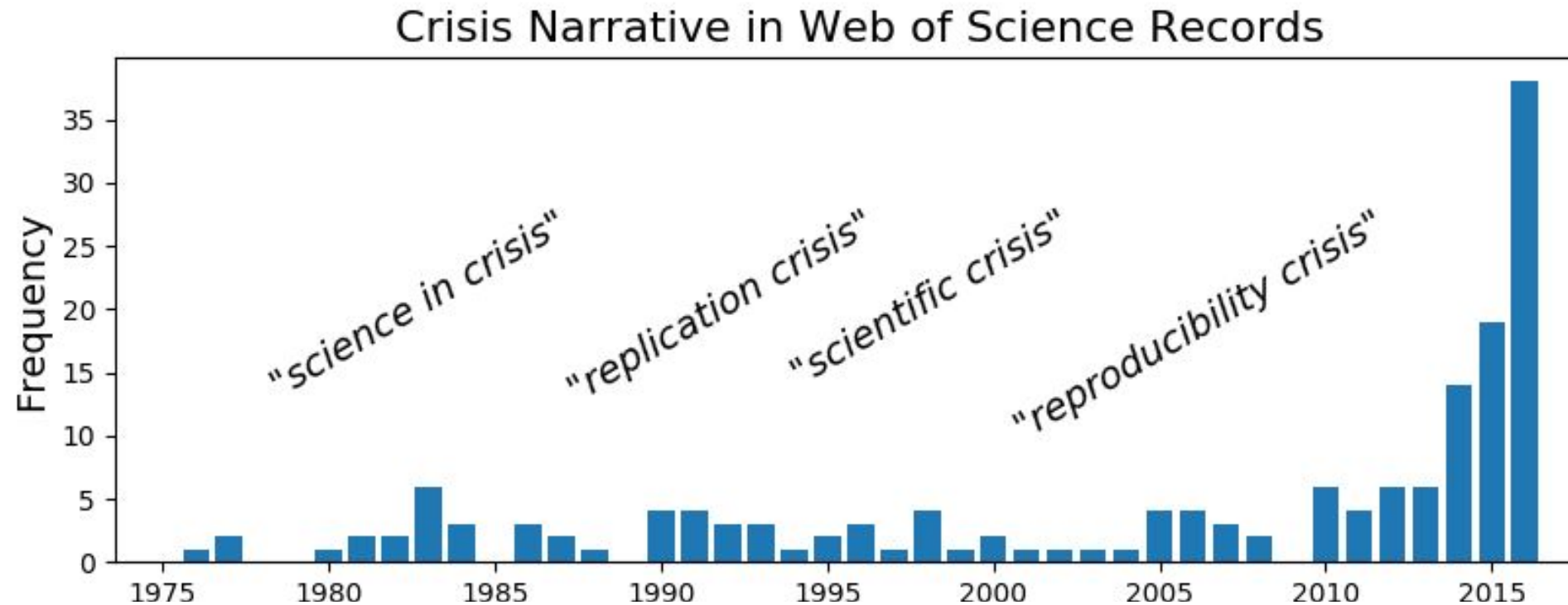
Do you wish to receive the ZPID newsletter? Please enter your e-mail address:



@ZPID

[www.lifp.de/evaluation](http://www.lifp.de/evaluation)

# 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: Open Science I

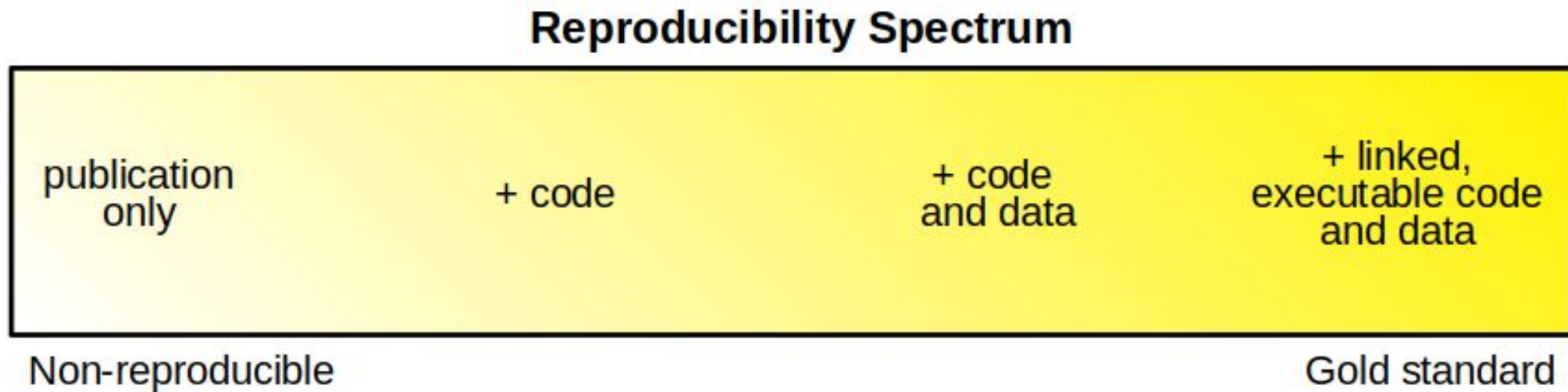
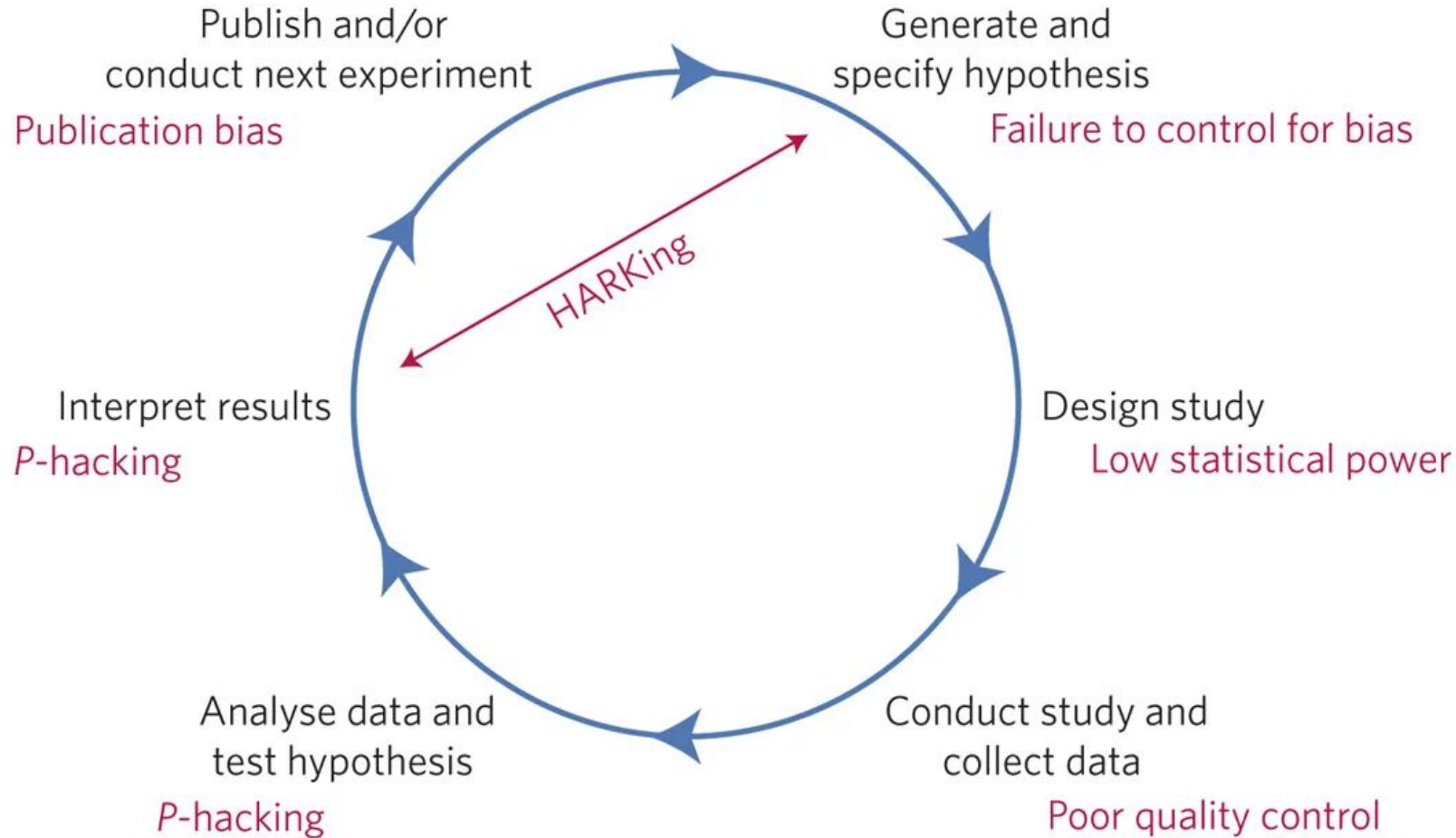


Illustration of the “spectrum of reproducibility”, ranging from not reproducible to the gold standard that includes code, data and executable files that can directly replicate the reported results. Modified from ([Peng, 2011](#)).

# Replication Crisis: Solutions: Open Science II



[Munafo et al. \(2017\): “A manifesto for reproducible science”](#), summarizes the **vulnerability of empirical research** in different stages of an idealized **research cycle**.

**Video with Chris Chambers** on Registered Reports as on solution to address the threats to empirical science:  
<https://youtu.be/d2nVPhVacFk>

**Example** of two interrelated **preregistered studies** at ZPID:  
<http://dx.doi.org/10.23668/psycharchives.2636>