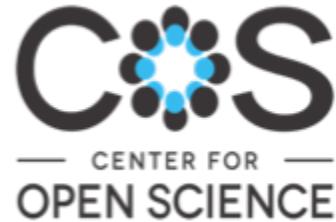


# Ideas for COS - APTrust Partnership on Preservation



Andrew Sallans  
Center for Open Science  
@OSFramework

# **Scientific Ideals**

- Innovative ideas
- Reproducible results
- Accumulation of knowledge

# Believe it or not: how much can we rely on published data on potential drug targets?

Florian Prinz, Thomas Schlange and Khusrav Asadullah

A recent report by Arrowsmith noted that the success rates for new development projects in Phase II trials have fallen from 28% to 18% in to 'feasible/marketable', and the financial costs of pursuing a full-blown drug discovery and development programme for a particular tar-

get are published. However, there is an apparently widespread public recognition (for example, and the surprisingly few publications dealing with this topic) that knowledge, so far there has been no in-depth, systematic analysis of reproduced results with respect to wet-lab experiments related to validation.

Early research in the phary, with a dedicated budget mainly work on target val-

# Power failure: why small sample size undermines the reliability of neuroscience

Katherine S. Button<sup>1,2</sup>, John P. A. Ioannidis<sup>3</sup>, Claire Mokrysz<sup>1</sup>, Brian A. Nosek<sup>4</sup>, Jonathan Flint<sup>5</sup>, Emma S. J. Robinson<sup>6</sup> and Marcus R. Munafò<sup>1</sup>

**Abstract |** A study with low statistical power has a reduced chance of detecting a true effect, but it is less well appreciated that low power also reduces the likelihood that a statistically significant result reflects a true effect. Here, we show that the average statistical power of studies in the neurosciences is very low. The consequences of this include overestimates of effect size and low reproducibility of results. There are also ethical dimensions to this problem, as unreliable research is inefficient and wasteful. Improving reproducibility in

## Essay

# Why Most Published Research Findings Are False

John P.A. Ioannidis

## Summary

There is increasing concern that most current published research findings are false. The probability that a research claim is true may depend on study power and bias, the number of other studies on the same question, and, importantly, the ratio of true to no relationships among the relationships probed in each scientific field. In this framework, a research finding is less likely to be true when the studies conducted in a field are smaller; when effect sizes are smaller; when there is a greater number and lesser preselection of tested relationships; where there is greater flexibility in designs, definitions, outcomes, and analytical modes; when there is greater financial and other interest and prejudice; and when more teams are involved in a scientific field in chase of statistical significance. Simulations show that for most study designs and settings, it is more likely for a research claim to be false than true. Moreover, for many current scientific fields, claimed research findings may often be simply accurate measures of the prevailing bias. In this essay, I discuss the implications of these problems for the conduct and interpretation of research.

factors that influence this problem and some corollaries thereof.

## Modeling the Framework for False Positive Findings

Several methodologists have pointed out [9–11] that the high rate of nonreplication (lack of confirmation) of research discoveries is a consequence of the convenient, yet ill-founded strategy of claiming conclusive research findings solely on the basis of a single study assessed by formal statistical significance, typically for a *p*-value less than 0.05. Research is not most appropriately represented and summarized by *p*-values, but, unfortunately, there is a widespread notion that medical research articles

## It can be proven that most claimed research findings are false.

should be interpreted based only on *p*-values. Research findings are defined here as any relationship reaching formal statistical significance, e.g., effective interventions, informative predictors, risk factors, or associations. "Negative" research is also very useful. "Negative" is actually a misnomer, and the misinterpretation is widespread. However, here we will target relationships that investigators claim exist, rather than null findings.

As has been shown previously, the probability that a research finding is indeed true depends on the prior probability of it being true (before doing the study), the statistical power of the study, and the level of statistical significance [10,11]. Consider a 2 × 2 table in which research findings are compared against the gold standard of true relationships in a scientific field. In a research field both true and false hypotheses can be made about the presence of relationships. Let *R* be the ratio of the number of "true relationships" to "no relationships"

is characteristic of the field and can vary a lot depending on whether the field targets highly likely relationships or searches for only one or a few true relationships among thousands and millions of hypotheses that may be postulated. Let us also consider, for computational simplicity, circumscribed fields where either there is only one true relationship (among many that can be hypothesized) or the power is similar to find any of the several existing true relationships. The pre-study probability of a relationship being true is  $R/(R+1)$ . The probability of a study finding a true relationship reflects the power  $1 - \beta$  (one minus the Type II error rate). The probability of claiming a relationship when none truly exists reflects the Type I error rate,  $\alpha$ . Assuming that *c* relationships are being probed in the field, the expected values of the  $2 \times 2$  table are given in Table 1. After a research finding has been claimed based on achieving formal statistical significance, the post-study probability that it is true is the positive predictive value, PPV. The PPV is also the complementary probability of what Wacholder et al. have called the false positive report probability [10]. According to the  $2 \times 2$  table, one gets  $PPV = (1 - \beta)/R + (1 - \beta)\alpha$ . A research finding is thus

**Citation:** Ioannidis JPA (2005) Why most published research findings are false. *PLOS Med* 2(8):e124.

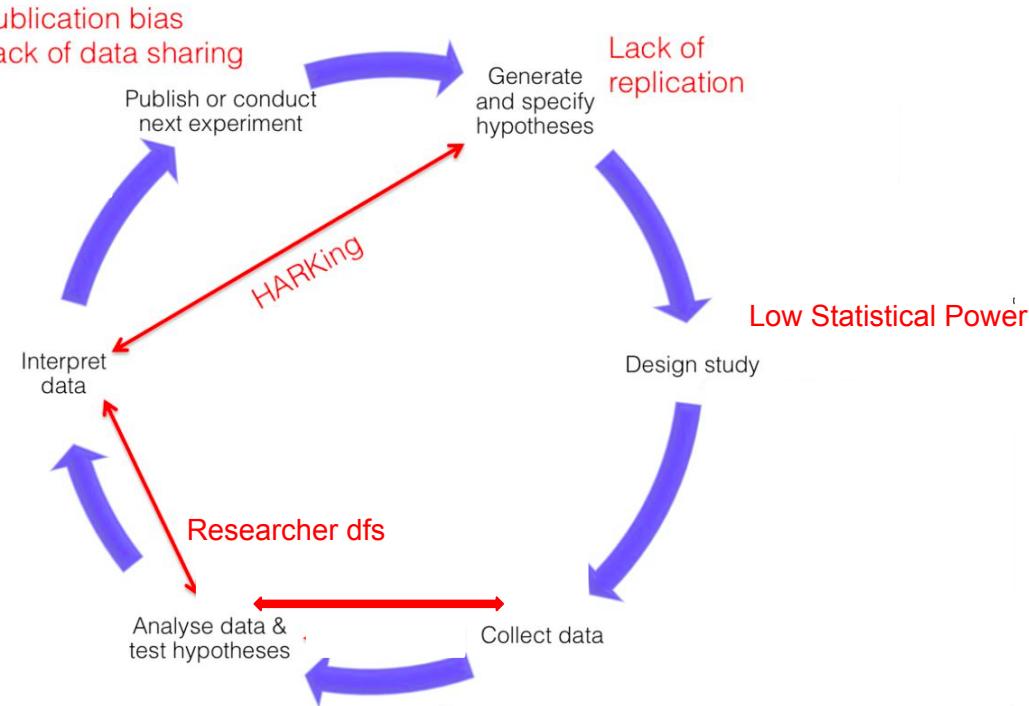
**Copyright:** © 2005 John P.A. Ioannidis. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

**Abbreviations:** PPV, positive predictive value

John P.A. Ioannidis is in the Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece, and Institute for Clinical Research, Tufts-New England Medical Center, Tufts University School of Medicine, Boston, Massachusetts, United States of America. E-mail: joannid@cc.uoi.gr

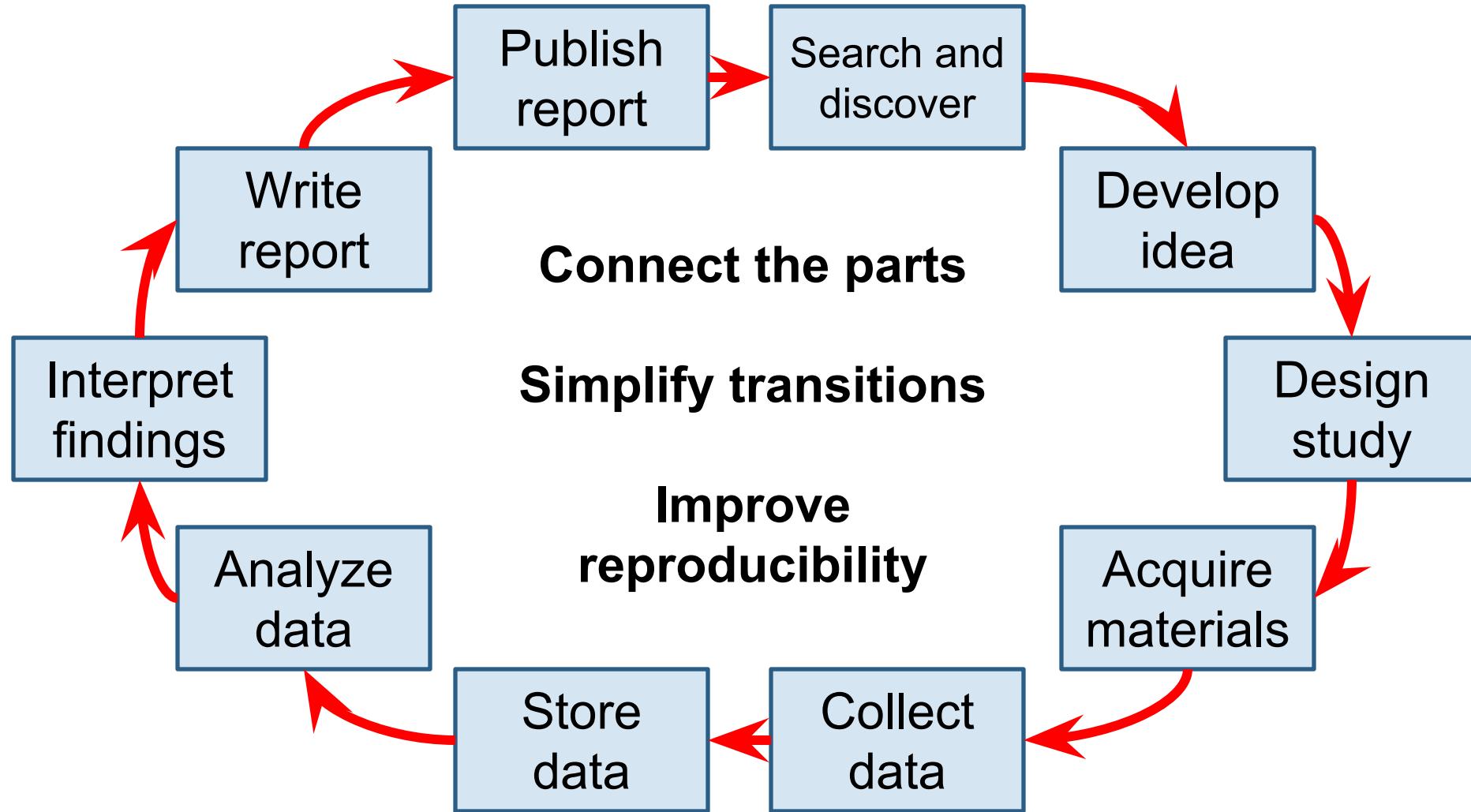
**Competing Interests:** The author has declared that no competing interests exist.

# The Scientific Process



# Challenges

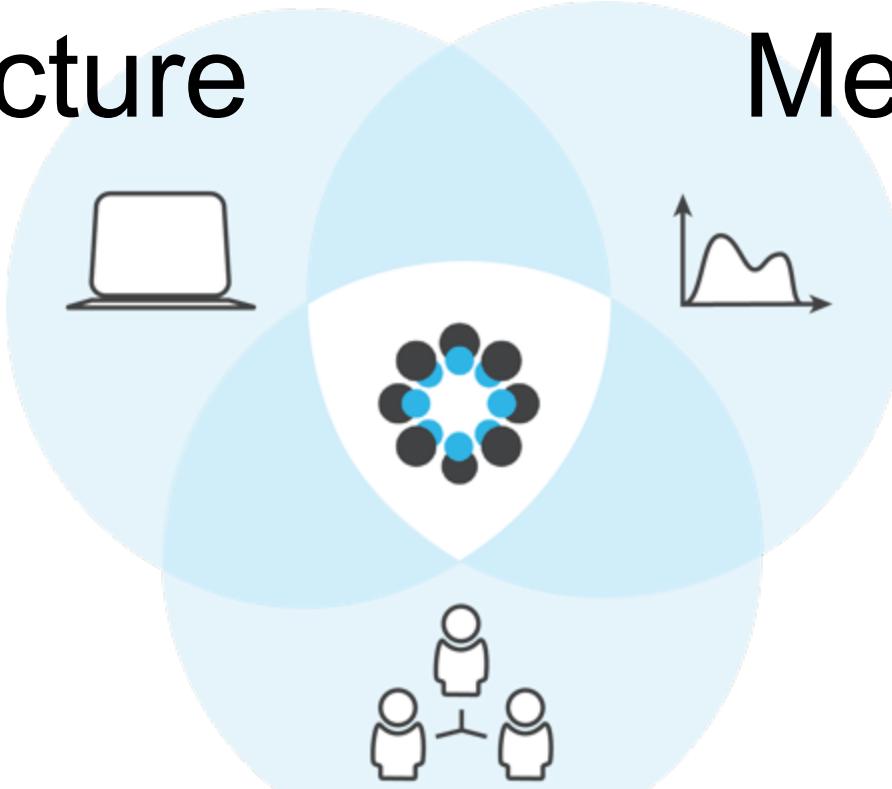
- Lack of documentation of the workflow
- Lack of transparency across the workflow
- Lack of discoverability, especially unpublished work



**What do we do about it?**

# Infrastructure

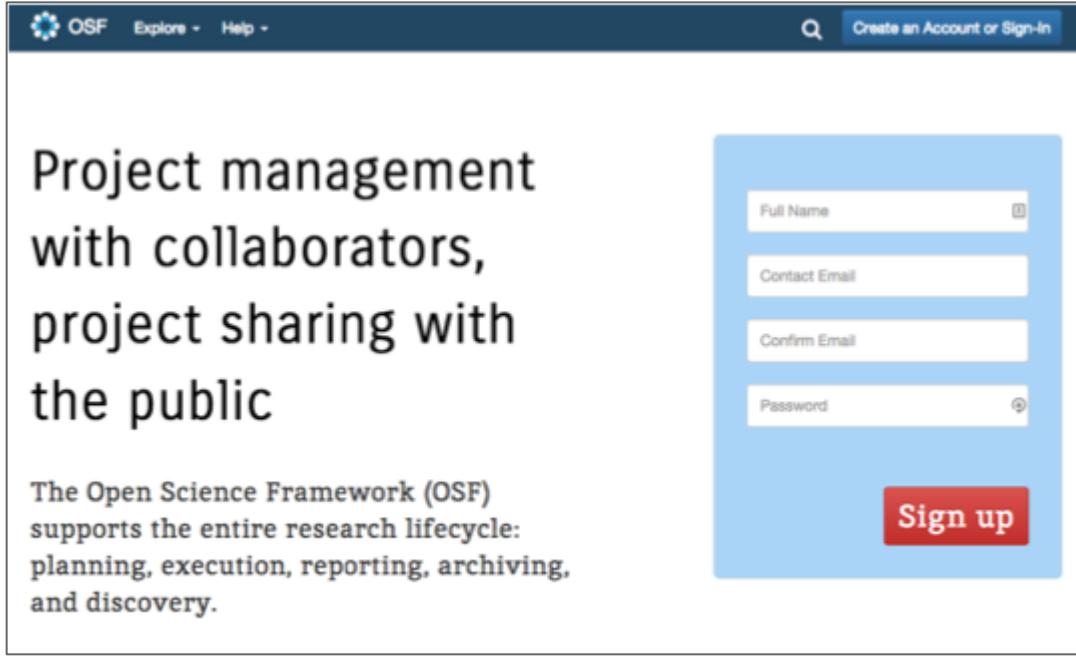
# Metascience



# Community

**Provide free, open source  
technical solutions**

# Open Science Framework



OSF Explore - Help - Create an Account or Sign-In

Project management with collaborators, project sharing with the public

The Open Science Framework (OSF) supports the entire research lifecycle: planning, execution, reporting, archiving, and discovery.

Sign-up now, easy and free!

<http://osf.io>

## Features:

- Flexible file structure
- Contributors
- File storage
- Versioning
- Registrations
- Sharing
- Citation
- Persistent Identifiers
- Usage statistics
- Commenting
- Add-ons to other tools

# Extend the infrastructure to enable broader open scholarship



SHARE



OpenTrials

All the Data, on All the Trials, Linked

COPDESS

# **Community Initiatives to Promote Change**

# Signal open practices with badges



See more: <http://osf.io/tvyxz>

# Psychological SCIENCE

Research, Theory, & Application in Psychology and Related Sciences

A Journal of the Association for Psychological Science



- Open Data
- Open Materials
- Preregistered

Click here  
for more  
information

Download  
2014 APS  
Convention

## This Week in *Psychological Science* (TWiPS)



The links below take you to the journal via the APS website. If not already logged in, you will be redirected to log-in using your last name (Nosek) and Member ID (16341).

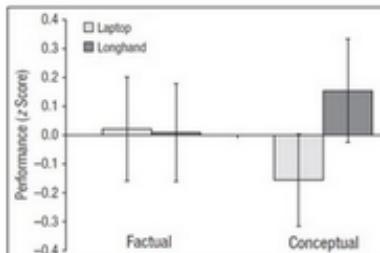
### Call for Editor Nominations

*Psychological Science in the Public Interest*



### [The Pen Is Mightier Than the Keyboard: Advantages of Longhand Over Laptop Note Taking](#)

Pam A. Mueller and Daniel M. Oppenheimer



It's becoming more and more common for students to type their notes on laptops rather than writing them out in longhand. In the first of several studies, the authors examined the effects of laptop note taking by having participants take notes on a TED talk using a laptop computer or a notepad. Thirty minutes later, the participants answered factual-recall and conceptual-application questions about the lecture. Those who took notes on laptops performed worse on conceptual-application questions – but not on factual-recall questions. Follow-up studies indicated that although people with laptops take more notes, they tend to copy the information verbatim and therefore process the information less than do longhand note takers.

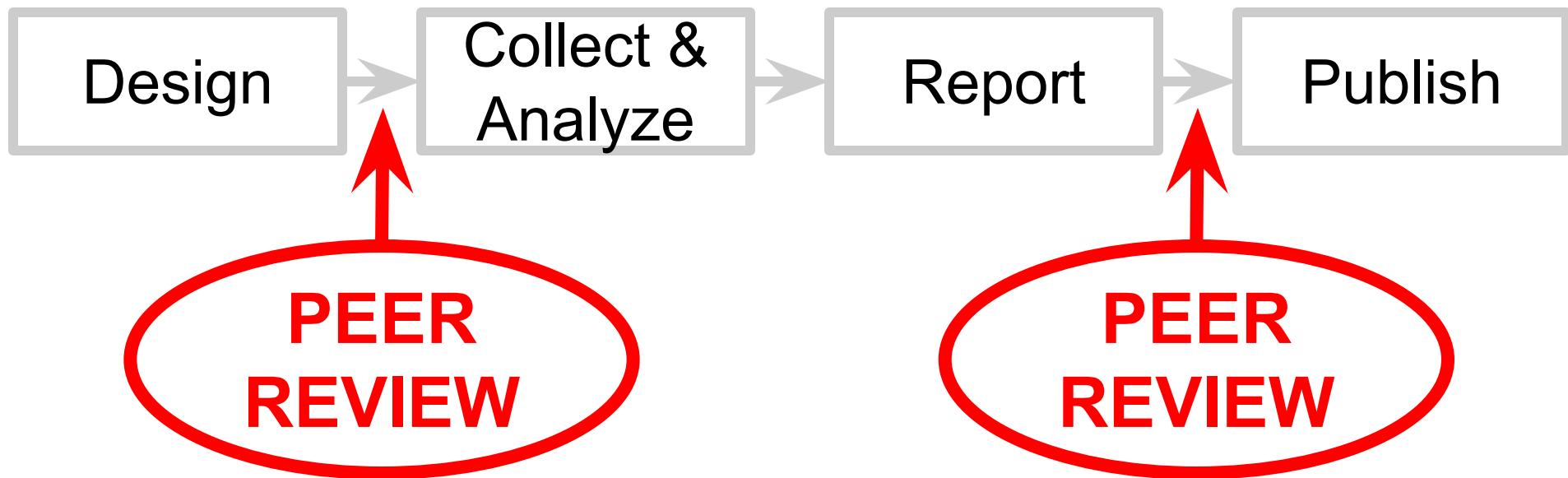
### [Gratitude: A Tool for Reducing Economic Impatience](#)

David DeSteno, Ye Li, Leah Dickens, and Jennifer S. Lerner



It is well-known that people are generally impatient and prefer immediate rewards to future rewards. To examine whether certain emotions could reduce people's economic impatience, researchers asked participants to recall events that made them feel

# Realign incentives with registered reports



Registered Reports

Files

Wiki

Statistics

Registrations

Forks

Sharing

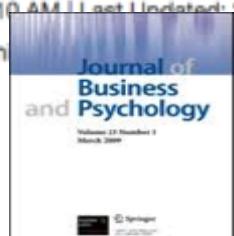
Settings

# Registered Reports

Contributors: Chris Chambers, George Banks, Dorothy Bishop, Sara Bowman, Kate B

Kai Jonas, Edward Miguel, Marcus Munafò, Brian A. Nosek, Brendan J. Nyhan, David P

Date Created: 2014-02-24 10:10 AM | Last Updated: 2015-03-19 12:50 AM



eLIFE

ELSEVIER [Return to Elsevier.com](#)



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Home About us Short Communications Digital Library Archives

home > Issue 46 - March 2015



11 Mar 2015  
Professor Chris Chambers

How Cortex's Registered Reports initiative is making reform a reality

See more: <http://osf.io/8mpji>

# Transparency and Openness Promotion (TOP) Guidelines





<http://cos.io/top>



**Citation Standards**

**Data Transparency**

**Analytic Methods (Code) Transparency**

**Research Materials Transparency**

**Design and Analysis Transparency**

**Preregistration of studies**

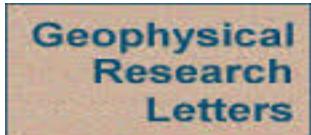
**Preregistration of analysis plans**

**Replication**

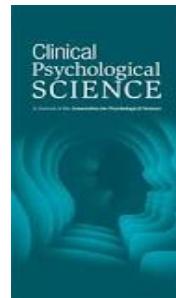
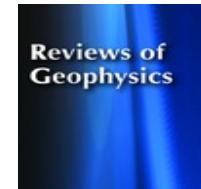
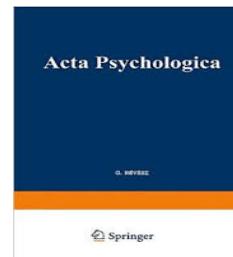
# TOP Signatories

## *Journals, Organizations, Funders*

Endorsement of principles + commitment to review for adoption



Over  
500



top@cos.io

# **Metascience Research to Evaluate Interventions**

# Reproducibility Project: Psychology

Contributors: Alexander A. Aarts, Christopher Jon Anderson, Joanna Anderson, Marcel A.L.M. van Assen, Peter Raymond Attridge, Angela Attwood, Jordan Axt, Molly Babel, Štěpán Bahník, Erica Baranski, Michael Barnett-Cowan, Elizabeth Bartmess, Jennifer Beer, Raoul Bell, Heather Bentley, Don van den Bergh, Leah Beyan, Bobby den Bezemer, Denny Borsboom, Annick Bosch, Frank Bosco, Sara Bowman, Mark Brandt, Erin Braswell, Hilmar Brohmer, Benjamin T. Brown, Kristina Brown, Jovita Brüning, Ann Calhoun-Sauls,

Date Created: 2012-04-01 11:49 AM | Last Updated: 2015-10-01 11:27 AM

Category: Project

Wiki

## Estimating the Reproducibility of Psychological Science

Open Science Collaboration

**Abstract:** Reproducibility is a defining feature of science, but the extent to which it characterizes current research is unknown. We conducted replications of 100 psychological experiments and correlations published in three psychology journals. We replicated 39% of the results using high-powered designs and original materials when available. Replicati



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Article Figures & data Metrics Article & author info

## Science forum: An open investigation of the reproducibility of cancer biology research

Timothy M Errington , Elizabeth Iorns, William Gunn, Fraser Elisabeth Tan, Joelle Lomax, Brian A Nosek

Center for Open Science, United States; Science Exchange, United States; Mendeley, United Kingdom; University of Virginia, United States

DOI: <http://dx.doi.org/10.7554/eLife.04333>

Published December 10, 2014

Cite as eLife 2014;3:e04333

### [-] Abstract

It is widely believed that research that builds upon previously published findings has reproduced the original work. However, it is rare for researchers to perform or publish direct replications of existing results. The Reproducibility Project: Cancer Biology is an open investigation of reproducibility in preclinical cancer biology research. We have identified 50 high impact cancer biology articles published in the period 2010–2012, and plan to replicate a subset of experimental results from each

PART OF A  
REPRODUCIBILITY PROJECT  
**Cancer Biology**

Downloads:

Article



Reference tools:

[DOWNLOAD](#) [OPEN](#)

# Ideas for Partnership on Preservation

# 1. Backup partners

**OSF > APTTrust**

- Backup of all OSF content
- Bringing workflow content into APTTrust
- Exploration of torrents as another backup strategy

## 2. Curation bridge

**Add metadata in OSF > Librarian curates  
> Deposit in IR > Send to APTTrust**

- Build custom, flexible interfaces on top of OSF, which then connects to IRs
- Make it easier for institutions to connect research workflow to APTTrust
- Support variety of IR platforms

### **3. Collaboration on modular storage**

**Expand on OSF WaterButler for  
storage cost savings**

- Streaming files from various storage services via single RESTful API
- Reduced transactional costs
- <https://waterbutler.readthedocs.org/en/latest/>

# Find this presentation at

**<https://osf.io/futvm/>**

The screenshot shows the OSF interface with the following details:

- Header:** Open Science Framework, My Dashboard, Browse +, Help +, Andrew Sallans, Settings.
- Navigation Bar:** Presentations (selected), Files, Wiki, Analytics, Registrations, Forks, Contributors, Settings.
- File Details:** Sallans.APTrust.2015.10.05.pdf
- Actions:** Delete, Download, View, Revisions.
- Left Sidebar:** Component: Presentations, OSF Storage (expanded). Sub-items include: Bowman.ACS.2015.08.17.pptx, Bowman.LJAF.2015.04.22.pdf, Bowman.SSP.2015.05.29.pptx, Bowman.STM.2015.04.22.pdf, Cohoon.Sallans.BITSS.2013.12.12.pptx, geiger.intern\_orientation.2015.05.19.pdf.
- Preview Area:** Shows the first slide of the presentation with the title "Ideas for COS - APTrust Partnership on Preservation".

Questions: [contact@cos.io](mailto:contact@cos.io)

**END**

# Project Overview Page

The screenshot shows the Open Science Framework (OSF) Project Overview Page for a project titled "A New Project". The page has a dark header with the OSF logo, "Open Science Framework BETA", "My Dashboard", "Explore", "Help", and user information for "Courtney Soderberg". Below the header, there's a navigation bar with tabs: "A New Project" (selected), "Files", "Wiki", "Statistics", "Registrations", "Forks", "Sharing", and "Settings". To the right of the navigation bar are buttons for "Private", "Make Public", file counts (0), and link counts (0).

The main content area is titled "A New Project". It displays the following details:

- Contributors:** Courtney Soderberg
- Date Created:** 2015-03-02 07:13 PM | **Last Updated:** 2015-03-02 07:13 PM
- Description:** No description

**Wiki**: No wiki content.

**Files**:  
Search  
Name ▾

- Project: A New Project
  - OSF Storage

**Citation**: osf.io/9b5vz

**Components**: Add Component | Add Links  
No components have been added to this project.

**Tags**: add a tag

**Recent Activity**: All times displayed at -0500 UTC offset.  
2015-03-02 07:13 PM Courtney Soderberg created project **A New Project**

A red arrow points to the "Wiki" section.

# Adding Subfolders

The screenshot shows the 'A New Project' page on the Open Science Framework. At the top, there are navigation links: My Dashboard, Explore, Help, Files, Wiki, Statistics, Registrations, Forks, Sharing, and Settings. Below the header, a button for 'A New Project' is highlighted in blue. The main content area includes sections for Contributors (Courtney Soderberg), Date Created (2015-03-02 07:13 PM), Last Updated (2015-03-02 07:16 PM), and Description (No description). There are three main components: 'Wiki' (with a message about the project's background and motivation), 'Files' (with a search bar and a 'Name' dropdown), and 'Components'. The 'Components' section contains a sub-section for 'Citation' (osf.io/3b5vz) and a 'Components' list which is currently empty. A red box highlights the 'Add Component' button.

The screenshot shows the 'Data Analysis Plan' page on the Open Science Framework. The top navigation bar is identical to the first screenshot. The main content area includes sections for Contributors (Courtney Soderberg), Date Created (2015-03-02 07:18 PM), Last Updated (2015-03-02 07:18 PM), and Category (Project). The 'Components' section is identical to the first screenshot, showing the 'Citation' section and an empty 'Components' list. A red box highlights the 'Add Component' button. Other sections visible include 'Wiki' (empty), 'Files' (empty), 'Tags' (with a placeholder 'add a tag'), and 'Recent Activity'.

# Adding Contributors

**Contributors** [+ Add](#)

Drag and drop contributors to change listing order.

Name	Permissions	Bibliographic Contributor
Courtney Soderberg	Administrator	<input checked="" type="checkbox"/>

**Add Contributors**

Sara B

Show my recent collaborators, most frequent collaborators

**Results** [Add all](#)

<input data-bbox="289 689 328 710" type="button" value="+"/>		Sarah Benschop
<input data-bbox="289 721 328 743" type="button" value="+"/>		Saranya Balasubramanian
<input data-bbox="289 753 328 775" type="button" value="+"/>		Sara Bowman
<input data-bbox="289 786 328 807" type="button" value="+"/>		Center for Open Science University of Virginia 18 projects in common
<input data-bbox="289 818 328 840" type="button" value="+"/>		Sara Burke

**Adding** [Remove all](#)

Sara B

**1** **2** **3**

Add **Sara B** as an unregistered contributor.

**Add Contributors**

Sara B

Show my recent collaborators, most frequent collaborators

**Results** [Add all](#)

<input data-bbox="1019 710 1057 732" type="button" value="+"/>		Sarah Benschop
<input data-bbox="1019 743 1057 764" type="button" value="+"/>		Saranya Balasubramanian
<input data-bbox="1019 775 1057 797" type="button" value="+"/>		Sara Burke

**Adding** [Remove](#)

Sara Bowman

**Administrator**

**Name**

Add **Sara B** as an unregistered contributor.



# Uploading & Storing Files

The screenshot shows the OSF interface with the 'Files' tab selected (highlighted by a red box). The main content area displays a file tree and an upload interface.

To Upload: Drag files into a folder below OR click the  below.

Search

Name	Actions	Downloads
Project: A New Project		
- OSF Storage		
Project: Data Analysis Plan		
- OSF Storage		

# Versioning

The screenshot shows the Open Science Framework (OSF) interface. At the top, there's a navigation bar with links for "Open Science Framework BETA", "My Dashboard", "Explore", "Help", a search icon, and a user profile for "Courtney Soderberg". Below the navigation is a secondary menu with "Data Analysis Plan", "Files", "Wiki", "Statistics", "Registrations", "Forks", "Sharing", and "Settings".

The main content area is titled "study 2.R". It contains an R script:

```
###importing data
library(xlsx)
data <- read.xlsx(file = "/Users/Courtney/Desktop/Toy_Example/study2_raw data.xlsx", sheetName = "Sheet1", as.data.frame = TRUE, header = TRUE)

###creating dependent variable (the mean number of correct questions)
data$correct <- rowMeans(subset(data, select=math1:math12))

###calculating math_id variable
data$math_id <- rowMeans(subset(data, select=math_id1:math_id2))

###centering math_id variable
data$math_id_c <- data$math_id - mean(data$math_id)
```

To the right of the R code, there's a sidebar titled "Data Analysis Plan / osfstorage / study 2.R". It includes a "Download" button and a "Delete" button. Below these are two versions of the file, listed in a table:

Version			
ID	Date	User	Download
2	2015-03-02 07:22 PM	Courtney Soderberg	(0)
1	2015-03-02 07:21 PM	Courtney Soderberg	(0)

A red arrow points from the "Download" button in the sidebar to the "Download" button in the table row for version 2.

# Registering Your Work

The screenshot shows the Open Science Framework (OSF) interface for a project titled "A New Project".

**Header:** Open Science Framework BETA, My Dashboard, Explore, Help, Search, User Profile (Courtney Soderberg), Settings, Logout.

**Breadcrumbs:** A New Project > Files > Wiki > Statistics > Forks > Sharing.

**Message Bar:** This project is a registration of [this project](#); the content of the project has been frozen and cannot be edited.

**Project Information:** A New Project, Contributors: Courtney Soderberg, Sara Bowman, Registration Supplement: OSF-Standard Pre-Data Collection Registration, Date Created: 2015-03-02 07:13 PM | Last Updated: 2015-03-02 07:22 PM.

**Description:** A text area containing the following content:

Welcome to our project!  
Read some more about the project on our [background and motivation](#) wiki page.  
Here we are organizing our data and materials for this research project.  
The latest updates will be described in this wiki.  
Status update: 12/5/14: Data collection is underway! -sdb

**Wiki:** A section for the project's wiki, showing the above content.

**Files:** A section for uploaded files, showing a search bar and a list of items:

- Project: A New Project
- OSF Storage
- Project: Data Analysis Plan

**Citation:** osf.io/a6x4g

**Components:** A section listing project components:

- Data Analysis Plan | Registered: 2015-03-03 00:23 UTC

Soderberg & Bowman  
4 contributions

**Recent Activity:** All times displayed at -0500 UTC offset.

- 2015-03-02 07:20 PM Courtney Soderberg added Sara Bowman as contributor(s) to project **A New Project**
- 2015-03-02 07:16 PM Courtney Soderberg updated wiki page home to

# Sharing Your Work

Open Science Framework BETA My Dashboard Explore ▾ Help ▾ Courtney Soderberg

A New Project Files Wiki Statistics Registrations Forks **Sharing** Settings

### Contributors

Drag and drop contributors to change listing order.

Name	Permissions	Bibliographic Co
Courtney Soderberg	Administrator	<input checked="" type="checkbox"/>
Sara Bowman	Administrator	<input checked="" type="checkbox"/>

### View-only Links

Create a link to share this project so those who have the link can view—but not edit—the project

Link	What This Link Shares	Created Date	Created By
<a href="#">Create a link</a>			

### Generate New Link to Share Project

**Link name**  
For peer review

**Anonymize** contributor list for this link (e.g., for blind peer review).  
Ensure the wiki pages, files, and registration supplements you have created do not contain identifying information

Anyone with the private link can view—but not edit—the components associated with the link. **Which components would you like to associate with this link?**

A New Project (current component)      Select all  
 Data Analysis Plan      De-select all

[Cancel](#) [Submit](#)

# Sharing Your Work

The screenshot shows the OSF interface for a project titled "A New Project". The top navigation bar includes links for OSF, My Dashboard, Explore, Help, A New Project, Files, Wiki, Statistics, Registrations, Forks, Sharing, and Settings. The main content area displays the project details: Contributors (Courtney Soderberg, Sara Bowman), Date Created (2015-03-02 07:13 PM), Last Updated (2015-03-02 07:25 PM), and Description (No description). The "Wiki" section contains a welcome message and links to the background and motivation wiki page. The "Files" section is currently empty. The "Citation" section is expanded, showing components and a citation for the project in APA, MLA, and Chicago styles. A red arrow points to the "Make Private" button in the top right corner of the main content area.

A New Project

Contributors: Courtney Soderberg, Sara Bowman

Date Created: 2015-03-02 07:13 PM | Last Updated: 2015-03-02 07:25 PM

Description: No description

Wiki

Welcome to our project!

Read some more about the project on our [background and motivation wiki page](#).

Here we are organizing our data and materials for this research project.

The latest updates will be described in this wiki.

Status update: 12/5/14: Data collection is underway! -sdb

Files

Citation

Components

• **Data Analysis Plan**  
Soderberg & Bowman  
5 contributions

APA

Soderberg, C. K., & Bowman, S. (2015, March 3). A New Project. Retrieved from osf.io/3b5vz

MLA

Soderberg, Courtney K., and Sara Bowman. "A New Project." Open Science Framework, 3 Mar. 2015. Web.

Chicago

Soderberg, Courtney K., and Sara Bowman. 2015. "A New Project." Open Science Framework. March 3. osf.io/3b5vz.

More

Citation Style (e.g. "APA")

Make Private Public

# Accessing Statistics

Name Actions Downloads

Project: Calculating and Reporting Effect Sizes to Facilitate Cumulative Science: A Pr...  
OSF Storage  
From\_R2D2.xlsx  
Calculating\_Effect\_Sizes.xlsx  
Lakens\_-\_Calculating\_and\_Reportin...  
Calculate\_Cohens\_q\_from\_r1\_and\_r2.xlsx

DATE RANGE: 2015-03-02 Widgets & Dashboard

Visits Over Time

Keywords

KEYWORD	UNIQUE VISITORS
Keyword not defined	4

1-1 of 1

Annotations 30

Visitors in Real-time

DATE	VISITS	PAGEVIEWS
Last 24 hours	24	42
Last 30 minutes	1	2

Mon 2 Mar - 19:26:20 (32s)

Direct Entry

Pages:

Mon 2 Mar - 18:51:24

Referrer Websites

WEBSITE	UNIQUE VISITOR
elifesciences.org	2
validation.scienceexchange.com	1
www.ncbi.nlm.nih.gov	1

1-3 of 3

Visits by Server Time

Unique visitors

# Add Ons:



Presentations Files Wiki Analytics Registrations Forks Contributors Settings

- Component
- Add-ons
- Wiki
- Commenting
- Email Notifications

## Configure Component

Category: Communication

[Cancel](#) [Change](#)

A project cannot be deleted if it has any components within it. To delete a parent project components by visiting their settings pages.

[Delete component](#)

## Select Add-ons

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These settings control who can edit your wiki. To make a wiki editable by all OSF users,

Presentations

Who can edit

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# Reproducibility Project: Psychology / RPP Analysis Committees

Contributors: Marjan Bakker | Denny Borsboom | Frank Bosco | Russ Clay | Johanna Cohoon | Ed Cremata | Jamie DeCoster | Elizabeth Gilbert | Fred Hasselman | Daniel Lakens | Marcus Munafò | Brian A. Nosek | Michele B. Nuijten | Dr Cyril Pernet | Frans Robbie van Aert | Marcel A.L.M. van Assen | Eric-Jan Wagenmakers | Jelte Wicherts | Elizabeth Horns | William Gunn | Riet van S Date Created: 2/25/2014 11:14 AM | Last Updated: 4/24/2014 11:25 AM Category: project

Dashboard Files Wiki Statistics Registrations Forks Contributors Settings

## Wiki

Master data spreadsheet is located [here](#), and a summary of the variables are available [here](#). Analysis Plan and Results Reporting Google Doc is located [here](#).

## Files

Search files...

Name
Project: RPP Analysis Committees
Dropbox: /cos/RPP analysis committees/data
Summary of RPP master 4 w stats.xlsx
replication data not uploaded to osf projects
31_noise and effort
30_precision of the anchor
29_affective incoherence
28_conflict triggered
27_not so innocent

## Components

### Steering

Cohoon , Bosco , van Assen & 1

### Sampling frame and stud

DeCoster , Bosco , Cohoon & 3

### Publication bias and QRI

RPP Analysis Committees Discussion

Add a comment

 Brian A. Nosek 2 months ago Team: This new commenting section is available for discussion. These comments are public when the project is public. Right now, it is set so that only project team members can add comments. We can change it to allow comments from any OSF user at any time.

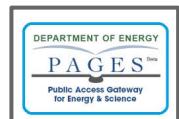


# SHARE is creating an open data set about research activities



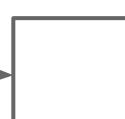
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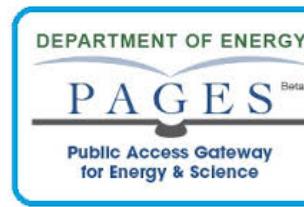
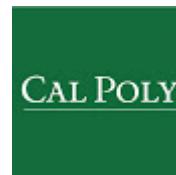


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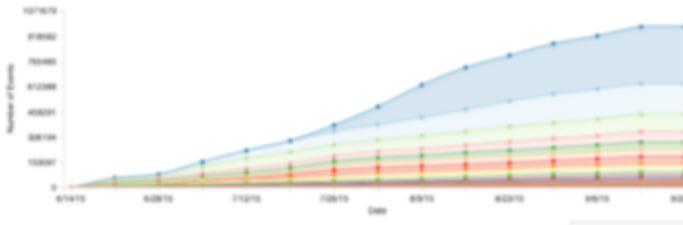


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Notice: this is a public beta release

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## Providers

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  -  ClinicalTrials.gov

Avian community structure and incidence of human West Nile infection

Metrics of avian community structure and human incidence of West Nile infection for select counties in the eastern US. Data are available from 1998 and 2002.

National Center for Ecological Analysis and Synthesis · John Swaddle · NCEAS 12094: Swaddle: Testing the importance of ecological theory in predicting human disease: Does avian diversity and community structure predict the incidence of human West Nile virus infection?

Published on 2015-09-09 08:00 PM



Data Observation Network for Earth

Page 12

Gordon, Noam · Bonne, Omer · Goeman, Geert



BioCHAT: Data Observation Network for Biostatistics

Non-compact continuum limit of two coupled Potts models

We study two SOS-state Potts models coupled by the product of their energy operators, in the regime  $S2 \wedge R; Q \leq 4$ ; where the coupling is relevant. A particular choice of weights on the square lattice is shown to be equivalent to the integrable  $\text{S}3_1 \times \text{S}2_0$  vertex model. It corresponds to a selfdual system of two antiferromagnetic Potts models, cou-