OPEN YOUR SCIENCE
PSYCHOLOGY EDITION

REMOVES BARRIERS TO ACCESS
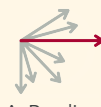
ENABLES SCRUTINY

DESIGN YOUR STUDY

1 OPEN YOUR HYPOTHESES & ANALYSES
Pre-registration constrains researcher degrees of freedom. Registered Reports do this while ensuring a publishable outcome.

Tools for Pre-Registration

OSF

AsPredicted

Registered Reports

2 OPEN YOUR PROGRAMMING
Programming your studies on open-source platforms allows anyone to build off of and check your work by reading your files or building studies with the same tools.

Tools for Open Studies

PsychoPy

OpenSesame

PsyToolkit

3 OPEN YOUR MATERIALS & PROTOCOLS
Posting your materials and protocols allows others to build off of and check your work, evaluate your claims, facilitates replicability, and increases your impact.

Tools for Open Materials

OSF

GitHub

Lab Website

COLLECT & ANALYZE YOUR DATA

4 OPEN YOUR DATA
Posting your data publicly facilitates reproducibility, enables others to check your work and evaluate your claims, and facilitates future research.

Tools for Open Data

OSF

GitHub

Lab Website

5 OPEN YOUR ANALYSES
Open-source tools remove barriers to access, allow others to check your work, and facilitate reproducibility.

Open-Source Statistical Tools

R

Python

Julia

JASP

Jamovi

PSPP

6 OPEN YOUR CODE
Posting your code publicly facilitates reproducibility and enables others to check your work and evaluate your claims.

Tools for Open Code

OSF

GitHub

Lab Website

DISSEMINATE YOUR RESULTS

7 OPEN YOUR PRESENTATIONS
Uploading your posters and talks online increases their impact and allows anyone to access your work.

Tools for Open Presentations

OSF

GitHub

Lab Website

8 OPEN YOUR PREPRINTS
Posting a preprint allows anyone to read your work and increases its impact. It also invites feedback prior to journal submission.

Preprint Servers

PsyArXiv

Institutional Servers

9 OPEN YOUR ARTICLES
Publishing in reputable open access journals allows anyone to read the final version of your article.

Open-Access Journals

DOAJ
Directory of Open-Access Journals

JOEL LE FORESTIER
joel.leforestier@mail.utoronto.ca
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osf.io/h5uy1

SUE SONG
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osf.io/kkhm2