

Pre-registration Workshop

Georgia-Ann Carter
pplsopenresearch@ed.ac.uk

Pre-registration



Pre-registration is the act of specifying your research plan before conducting the study

General process:

- State clear research hypothesis
- Outline analysis plan prior to data collection
- Link hypothesis to analysis plan

A screenshot of the OSF Registries website showing a public registration entry. The header includes the OSF logo, "OSF REGISTRIES", and navigation links for "Add New", "My Registrations", "Help", and "Donate". The main title is "DEFINITENESS PREDICTION". Below the title, it says "Public registration" and "Updates". A left sidebar contains navigation options: Overview (selected), Files, Wiki, Components (0), Links (0), Analytics, and Comments (0). The main content area is titled "Preregistration Template from AsPredicted.org" and includes sections for "Have any data been collected for this study already?", "What's the main question being asked or hypothesis being tested in this study?", "Describe the key dependent variable(s) specifying how they will be measured.", and "How many and which conditions will participants be assigned to?". The right sidebar contains metadata: "Contributors" (Georgia-Ann Carter and Mante S. Nieuwland), "Description" (No description), "Registration type" (Preregistration Template from AsPredicted.org), "Date registered" (February 22, 2019), "Date created" (February 22, 2019), "Associated project" (osf.io/ud2b7), "Internet Archive link" (https://archive.org/details/osf-registrations-b8fuz-v1), "Category" (Project), "Registration DOI" (10.17605/OSF.IO/B8FUZ), and "Publication DOI" (No publication DOI).

Why would I use it?



Why pre-register?:

- Increases credibility
- Easy way to plan research
- Have analysis plan all in one place (possibly even before collecting data!)



Pre-registration

Does that mean I can't change my plan?

Nope! → exploratory analyses are allowed, they just have to be **stated**

- Can submit edit to embargoed pre-registration plan
- Creates list of changes and reasons why

Transparency is key



Next Steps

- Work through an example pre-registration together on OSF
- Can either focus on example walkthrough or use your own research for inspiration!

<https://osf.io/>