

**Pre-registration:** Publicly reporting your study hypotheses as well as all conditions, outcome measures, covariates and planned analyses.

**Open data:** Publicly posting your cleaned (or raw) study data along with a codebook that explains how different variables are scored or coded in the dataset. It is critical that these data have been stripped of any personally identifying information before being made public. Moreover, if you plan to make your data open, you must state in your IRB materials and in the consent form that participants' data will be shared in this way.

**Open materials:** Publicly posting your study materials, such as your consent form, research assistant scripts, measures, surveys or questionnaires

**Open code:** Publicly posting the code used for your study analyses. Posting the code used for your analysis is especially useful if you are also publicly posting your dataset and codebook. However, even in the absence of open data, open code may be useful for other researchers who want to replicate your analytic strategies.

**Open access:** The free, online availability of a research product and the rights to use that research product with acknowledgement. Typically, open access refers to peer-reviewed journal publications or preprints, and whether or not individual articles are publicly available for free.

**Registered reports:** This is an emerging form of publication in which an article will be accepted for publication in a particular journal based on the pre-registered study design and analysis plan, before any data are collected. The idea is for journals to prioritize well-theorized and well-designed studies, whether or not the hypotheses are ultimately supported by the data.

**Replication research:** Research that attempts to answer the same or similar questions to ones previously addressed by another study, either via direct replication (using the exact same methodology) or via conceptual replication (testing the same hypotheses or theoretical ideas, but using a different population, manipulation or measurement tool).