

Preregistration – Own data collection (Vorlage: OSF)

Name:

E-Mail:

Date:

Please note that you can submit the exposé and the thesis in **English** as well as in **German**.

Introduction

Rationale: Shortly describe the relevance and theoretical framework of your study (500-1,000 words).

Research questions: Please outline the aims of the study and research questions derived from the study rationale that will inform the methodology and analyses.

Hypotheses: For each of the research questions listed in the previous section, provide one or multiple specific and testable hypotheses (e.g., H1, H2a, H2b, ...). A figure or table may be helpful to describe complex interactions.

Exploratory research questions (optional, e.g., E1, E2, ...)

Control variables: If applicable, please indicate which control variables are considered for the analyses and why.

Method

Use of pre-existing data (re-analysis or secondary data analysis): Will pre-existing data be used in the planned study? If yes, specify your level of knowledge of the data (e.g., no access to data yet, descriptive statistics of relevant variables, data file already available...)

Sample: Describe the planned sample of your study.

- If applicable, describe pre-selection rules, indicate where, from whom, and how the data will be collected.
- Justify the planned sample size.
- Describe data collection termination rule.

Exclusion criteria: Describe anticipated specific data exclusion criteria. For example

- missing, erroneous, or overly consistent responses;
- demographic criteria;
- data-based outlier criteria;
- method-based outlier criteria (e.g., too short or long response times).

Procedure: Describe all manipulations, measures, materials, and procedures including the order of presentation and the method of randomization and blinding (e.g., single or double blind), as in a published Methods section.

- **Manipulated variables:** Describe all variables you plan to manipulate (including the levels of each variable). For observational studies simply state that this is not

applicable. If any measurements are going to be combined into an index (or even a mean), what measures will you use and how will they be combined? Include either a formula or a precise description of your method.

- **Measured variables:** Describe each variable that you will measure. This will include outcome measures, as well as any predictors or covariates that you will measure. If any measurements are going to be combined into an index describe how they will be combined.
- **Materials:** Please describe the materials and procedures including their order of presentation and - if applicable - methods of randomization and blinding.
- **Randomization and blinding:** Please describe how the participants are assigned to the groups.

Study design: Indicate the type of study and planned study design.

- Study type, e.g., experimental, observational, cross-sectional, or longitudinal
- Study design, e.g., two-group, factorial, randomized block, and repeated measure; between (unpaired), within-subject (paired), mixed, or correlational design

Analysis: Describe the analyses that will test each main prediction from the hypotheses section. For each one, include:

1. Relevant variables and how they are calculated;
2. Statistical technique(s);
3. Each variable's role in the analysis (e.g., IV, DV, moderator, mediator, covariate);
4. If using analysis techniques other than null hypothesis testing (for example, Bayesian statistics), describe your criteria and inputs toward making an evidential conclusion, including prior values or distributions.

Contingencies and assumptions: If applicable, specify the following contingencies and assumptions:

- Method of correction for multiple tests
- How missing data are handled (e.g., pairwise or listwise deletion, imputation, interpolation)
- How outliers are handled (e.g., use in data analysis, exclusion, winsorization; see Leys et al., 2019, *International Review of Social Psychology*)
- Assumptions of analyses, and plans for alternative/corrected analyses if assumptions are violated

Follow-up analyses: Will you be conducting any confirmatory analyses to follow up on effects in your statistical model, such as subgroup analyses?