Preregistration

LDP Mock Preregistration

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Roles

1. **Research question + hypothesis** (William)

   - clearly identify the research question of interest in the replication?

   - include at least 1 testable hypothesis?

2. **Data**

   - Description of existing data and/or data collection procedures? (If existing data is included, is the reference(s) to the original data source included?)

   - A description of the variables included in the dataset and/or to be included in the analysis

   - A study design plan?

3. **Analysis**

- Does the pre-registration include at least 1 example statistical analysis using simulated/dummy data?

- Are the simulated data informed by published data?

4. **Figure** (William)

- Does the pre-registration include a figure?

- summarize/present the key variables in the analysis (with appropriate response and predictor variables)?

- Include properly labelled axes and a legend (if applicable)?

- Include a figure caption

5. **Literature**

- Does the pre-registration include in-text citations and a bibliography of all studies mentioned?

Study Information

Title	LDP Mock Preregistration
Description	Enter your response here.
Hypotheses	Enter your response here.

Design Plan

Study type	**Experiment**. A researcher randomly assigns treatments to study subjects, this includes field or lab experiments. This is also known as an intervention experiment and includes randomized controlled trials.
	Observational Study. Data is collected from study subjects that are not randomly assigned to a treatment. This includes surveys, natural experiments, and regression discontinuity designs.

Meta-Analysis. A systematic review of published studies.

Other. Please explain.

Blinding   No blinding is involved in this study.

For studies that involve human subjects, they will not know the treatment group to which they have been assigned.

Personnel who interact directly with the study subjects (either human or non-human subjects) will not be aware of the assigned treatments.

Personnel who analyze the data collected from the study are not aware of the treatment applied to any given group.

Study design   Enter your response here.

Randomization   Enter your response here.

Sampling Plan

Existing data   **Registration prior to creation of data**. As of the date of submission of this research plan for preregistration, the data have not yet been collected, created, or realized.

Registration prior to any human observation of the data. As of the date of submission, the data exist but have not yet been quantified, constructed, observed, or reported by anyone - including individuals that are not associated with the proposed study. Examples include museum specimens that have not been measured and data that have been collected by non-human collectors and are inaccessible.

Registration prior to accessing the data. As of the date of submission, the data exist, but have not been accessed by you or your collaborators. Commonly, this includes data that has been collected by another researcher or institution.

Registration prior to analysis of the data. As of the date of submission, the data exist and you have accessed it, though no analysis has been conducted

related to the research plan (including calculation of summary statistics). A common situation for this scenario when a large dataset exists that is used for many different studies over time, or when a data set is randomly split into a sample for exploratory analyses, and the other section of data is reserved for later confirmatory data analysis.

Registration following analysis of the data. As of the date of submission, you have accessed and analyzed some of the data relevant to the research plan. This includes preliminary analysis of variables, calculation of descriptive statistics, and observation of data distributions. Please see https://cos.io/prereg for more information.

Explanation of existing data	Enter your response here.
Data collection procedures	Enter your response here.
Sample size	Enter your response here.
Sample size rationale	Enter your response here.
Stopping rule	Enter your response here.

Variables

Manipulated variables	Enter your response here.
Measured variables	Enter your response here.
Indices	Enter your response here.

Analysis Plan

Statistical models   Enter your response here.

Transformations   Enter your response here.

Inference criteria

Data exclusion   Enter your response here.

Missing data   Enter your response here.

Exploratory analyses (optional)   Enter your response here.

Other

Other (Optional)   Enter your response here.

References