



# OSL/PT Preregistration Template

Investigator's Name and Affiliation  
(leave blank if this is an anonymous preregistration)

Date of Preregistration

Names and Affiliations of Collaborators  
(leave blank if this is an anonymous preregistration)

IRB Status

IRB Review Not Necessary

Not Submitted Yet

Submitted

Approval Received, Date:

Study Title

## VARIABLES

What are your independent / grouping / predictor variables (including mediators and moderators) ? Explain how you operationalize each variable.

What are your dependent / outcome variables? Explain how you operationalize each variable.

List any exploratory variables. These are variables that you included in your study, but are not central to your main predictions.

Did you create new, or modify existing, variables for this study? (select all that apply)

Some, or all, variables have been used in prior, published research, and no modifications were made

Some variables were modified from their original form

Some variables were created for this study

If you indicated above that 'Some variables were modified,' describe how you modified existing variables here:

If you indicated above that 'Some variables were created for this study,' list and describe the variables that you created for this study:

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## **HYPOTHESES**

What are your primary study hypotheses / research questions?

Do you have any exploratory hypotheses / research questions? If so, describe them below:

At the time of this preregistration, describe the status of data collection:

No new data collection is required for this project (e.g., meta-analysis)

Data collection has not started for this study

Data collection is in progress

Data collection is complete

Other:

If you selected 'Other' to describe the status of data collection, please explain here:

If you indicated above that data collection is 'complete' or 'in progress,' have you (or anyone else) already conducted any statistical analyses?

No data analyses have been performed

Some preliminary analyses have been performed, but not those relevant to the primary or exploratory study hypotheses described above (e.g., you calculated descriptive statistics)

Some, or all, analyses of the primary or exploratory hypotheses have been performed

If you selected 'Some preliminary analyses have been performed' describe the analyses you have already conducted:

*If you selected 'Some, or all, analyses of the primary or exploratory hypotheses have been performed,' you should stop completing this form. Pre-registration of hypotheses MUST occur before you have analyzed your data.*

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## **SAMPLING**

What is your target sample size?

How was your target sample size determined? (check all that apply)

Power analysis

Target sample size based on convention / past research

Target sample size based on constraints / convenience (e.g., size of subject pool, available money to pay participants, access to participants)

Other:

How will you determine when to stop collecting data (i.e., your stopping rule)?

When the target sample size is reached

A particular amount of time has passed (e.g., the end of the semester)

Other (describe below)

If you selected 'Other' for your stopping rule, please explain here:

## RESEARCH DESIGN

What type of research design are you using?

Experiment

Quasi-experiment

Correlational Study

Other:

If you selected 'Other' for your research design, please explain here:

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## EXPERIMENTAL DESIGNS ONLY

If you are conducting an experiment, what is the nature of the manipulation?

between-participants

within-participants

mixed (at least one between and one within factor)

What are the total number conditions in your study? (e.g., a 2 x 2 design has 4 total conditions):

Will the experimenters be aware of the condition to which a particular participant has been assigned?

Yes, the experimenter will be aware of the condition to which a participant has been assigned

No, the experimenter will be blind to condition

Will participants be randomly assigned to condition?

Yes

No (describe below)

If you selected 'No' for how you will assign participants to condition, please explain here:

If you are predicting an interaction (in your hypotheses), describe the nature of that interaction below:

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## DATA ANALYSIS PLAN

What will be your criterion for determining statistical significance?

$p < .05$

$p < .01$

$p < .005$

Other:

Will your tests of significance be:

One-tailed

Two-tailed

A combination of one- and two-tailed tests

If you indicated that some tests of significance will be one-tailed, describe the hypothesis and predicted direction of the effect or association below:

Will you exclude participants from data analysis based on any of the reasons listed below?

Failed attention check

Failed manipulation check

Missing data

Describe any additional exclusion criteria here:

What criterion (if any) will you use to determine whether a participant is an outlier?

Greater than 3 standard deviations from the mean

Other:

Which statistical tests will you use to conduct your data analyses? (check all that apply)

ANOVA

Correlation

t-test

Chi-square

Regression

Other/Additional

If you selected 'Other/Additional' for the statistical test above, describe the analyses you will conduct here:

If relevant, describe what types of follow-up tests will you perform (e.g., Tukey post-hoc; simple main effects). If you will conduct planned comparisons, explain the nature of those comparisons below:

For the analyses listed above, will you include any covariates or control variables? If so, describe them below and provide a justification:

This preregistration template was created by Kevin P. McIntyre, [kmcintyr@trinity.edu](mailto:kmcintyr@trinity.edu), Trinity University, and Benjamin Le, [ble@haverford.edu](mailto:ble@haverford.edu), Haverford College. For more information, visit [www.openstatslab.com](http://www.openstatslab.com) and [www.projecttier.org](http://www.projecttier.org) or follow us @openstatslab @Project\_TIER

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