

Preregistration

Expaining Atheism - Pilot 1: CREDs/CRUDs

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INSERT DATE

Study Information

Title	EA Preregistration: Cognitive Style and Non-verbal Reasoning
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Description	This preregistration is part of a number of preregistrations for the Explaining Atheism project. Our other registrations can be found on the OSF here , with copies on our FigShare, and on my GitHub.
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This registration is for the testing of the measurement and effect of Credibility Enhancing Displays (CREDs), and Credibility Undermining Displays (CRUDs) on atheism/non-belief. Specifically, this element of our first pilot project will test the scales used for the measurement of CREDs and CRUDs, and the relationship between these measures and measures of non-belief.

Credibility Enhancing Displays are costly displays made by a model, particularly those that reflect a statement made by that model. Displays that show a model walking the walk, or practicing what they preach, if you will. For example if a

model says a blue mushroom is toxic and then avoids eating it even when hungry, or priestly celibacy would be CREDS. A number of studies have shown historical CRED exposure to predict religiosity (CITES). The present project looks to build upon this, and also update the measures for cross-cultural comparison.

Conversely CRUDs are behaviours which undermine credibility. They are behaviours where a model might engage in behaviours which contradict their stated belief, such as breaking celibacy, or eating haram foods.

Hypotheses

CREDS

Lower historic CRED exposure will predict lower:

- (i) Religious Identification
- (ii) Belief in God

and greater:

- (i) Agnosticism

CRUDs

Greater historic CRUD exposure will predict lower:

- (i) Religious Identification
- (ii) Belief in God

and greater:

- (i) Atheist identification

Design Plan

Study type

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.

Blinding	No blinding is involved in this study.
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Study design	This registration is for the analysis of data collected as part of our first pilot which is comprised of 5 separate surveys, one for each of the explanatory variable clusters noted in the main pre-registration (see here). This specific registration concerns our socialisation survey, and is run in the in the UK, Japan and Brazil.
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Randomization	Enter your response here.
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Sampling Plan

We will collect representative samples for each nation. This will be done by an independent survey company, and the samples will be representative for the national population by Age, Sex and Geographic Region.

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.
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Explanation of existing data	NA
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Data collection procedures	Participants are recruited by the independent survey company, Savanta Comres, from their pool of participants. Participants will be paid a local rate for their participation, and will be selected to meet representativeness requirements outlined above.
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Sample size	<p>The sample size is 500 per nation.</p> <p>Brazil = 500</p> <p>UK = 500</p> <p>Japan = 500</p>
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Sample size rationale	Samples are the maximally viable sample for the financial means of the project.
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Stopping rule	NA
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Variables

Manipulated variables	NA
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Measured variables	The explanatory variables of primary interest, CRUDs and CREDs are part of a survey with the following explanatory variables:
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- CREDs
- CRUDs
- Non-theistic Socialisation
- Normativity of Religion
- Religious Emphasis
- Familial Dysfunction

Details of what comprises each of these scales can be found in the attached codebook.

Indices	Enter your response here.
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Analysis Plan

Statistical models	Enter your response here.
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Transformations	Enter your response here.
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Inference criteria	
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Data exclusion	Enter your response here.
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Missing data	Enter your response here.
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Exploratory analyses (optional)	Enter your response here.
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Other

Other (Optional)	Enter your response here.
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References
