

Stanford Ostracism Decline Effect (#19066)

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1) Have any data been collected for this study already?

No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?

Participants who are ostracized by computerized players in an online ball-tossing game (cyberball) will experience decreased generalized trust.

3) Describe the key dependent variable(s) specifying how they will be measured.

The primary DV will be a 3-item composite measure of generalized trust. Participants will respond to three items on a 5-point scale.

Trust - "Generally speaking, how much do you trust other people? Five response alternatives will be presented vertically in the following order from top to bottom: "A great deal" (coded 1), "a lot" (coded 0.75), "a moderate amount" (coded 0.5), "a little" (coded 0.25), and "not at all" (coded 0).

Fair - "Generally speaking, how fairly do other people treat you? Five response alternatives will be presented vertically in the following order from top to bottom: "Extremely fair" (coded 1), "Very fair" (coded 0.75), "Moderately fair" (coded 0.5), "Slightly fair" (coded 0.25), and "Not at all fair" (coded 0).

Helpful - "Generally speaking, how helpful are other people to you? Five response alternatives will be presented vertically in the following order from top to bottom: "Extremely helpful" (coded 1), "Very helpful" (coded 0.75), "Moderately helpful" (coded 0.5), "Slightly helpful" (coded 0.25), and "Not at all helpful" (coded 0).

Responses to trust, fair, and helpful will be averaged into an index called generalized trust that ranged from 0 (no generalized trust) to 1 (a great deal of generalized trust).

4) How many and which conditions will participants be assigned to?

Participants will be randomly assigned to one of two conditions. In the "included condition" participants will be fully included in the cyberball game, and in the "ostracized condition" participants will be left out of the cyberball game by the two computerized players.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

We will conduct an OLS regression predicting generalized trust from ostracized condition, and several demographic variables including female, femalemiss, age, agemiss, Hispanic, Hispanicmiss, race, racemiss, education, educationmiss, income, incomemiss, region, and regionmiss.

The key test will be for the effect of the ostracized condition on generalized trust.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

Participants will be excluded from the analysis if they fail the attention check, if they do not enter the screen with the Cyberball game, or if they do not click the "Submit" button at the end of the survey, or if they answer less than 80% the questions.

The attention check item will require participants to correctly recall which condition they were assigned to:

"There were two different version of the cyberball game.

In one version, participants were included equally in the game (that is, the other players threw the ball to you, the participant, about equally often as they did to each other).

In another version, participants were only included at the very beginning of the game, and then were excluded (that is, they did not get the ball thrown to them) for the rest of the game.

Which version of cyberball did you play?"

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

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This study will be the first in a 20-minute session. We will continue collecting data until there are 1500 participants who have completed all the studies in the entire 20-minute session and who have successfully passed our exclusion criteria. This means the sample size will be a minimum of 1500 participants. However, because participants typically drop out during the course of the 20-minute session, and because this is the first study in the session, it is likely that there will be more participants who complete this study than who completed the entire 20-minute session. Thus, it is likely that more than 1500 participants will complete this study, but there will be no fewer than 1500 participants in the final sample.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

Nothing else to pre-register.