

Fraternity Manipulation Ritual Survey 2018 (#13769)

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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?

We predict that failures in performing or completing new member tasks that seem more (vs. less) ritualistic elicit relatively more anger and judgments of immorality.

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

Anger will be measured with the following five items: [Actor's misperformance] would make others in my fraternity feel angry, mad, irritated, annoyed, frustrated (1 to 7-point scale).

Judgments of immorality will be measured with the following four items: To what extent does [Actor's misperformance] seem wrong, inappropriate, immoral, offensive? (1 to 7-point scale).

Ritual will be measured with the following item: "How much would you consider it a ritual in your fraternity to [task]?" on a 1-7 point scale.

We will also control for the extent is it expected for new fraternity members to do the following: memorize the Creed, Memorize the founders' names, complete study hours, prepare for brother dates (1 = completely optional, 7 = completely expected).

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

The design is a 2 (high vs. low ritual) within-subjects design. For each condition, participants will read a profile of a new fraternity member misperforming a task. Two of these tasks are more ritualistic (forget name of fraternity founders, misperform Creed) versus the other two (fail to complete study hours, fail to attend a brother signature date), constituting our experimental manipulation of ritual. There will be four profiles (AB, JS, LR, RS) which will be counterbalanced and presented in a randomized order. Thus, participants will read four profiles detailing four different violations, but the profile-violation link will be counterbalanced between participants.

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

We will run linear mixed-effects models regressing anger and immorality (separately) on fixed effects for experimental condition (high vs. low ritual) and random effects for participant and task.

We will also run linear mixed-effects models regressing anger and immorality (separately) on fixed effects for ritual (continuous rating) and random effects for participant and task.

Lastly, we will control for the extent that the task is expected in the above models.

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

None.

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.

The fraternity has approximately 60 active members. We plan to recruit as many fraternity members willing to participate as possible until October 1, 2018.

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

We will also collect three additional emotion items for exploratory purposes: proud, impressed, disappointed (1 – 7 point scale). We will individually analyze these items using the procedure outlined in Section 5.