

The effect of racial composition of teams on peer evaluations and rewards (#44663)

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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?

People will be more generous with distributing their collective rewards and evaluating the work of their peers when working in a team members of similar race as them.

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

Variable 1: Average peer evaluation score. Variable 2: Distributed rewards among team members.

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

There will be five conditions: (1) A participant of the White race partnered with two members of the same race. (2) A participant of the White race partnered with two members of the Black race. (3) A participant of the Black race partnered with two members of the White race. (4) A participant of the Black race partnered with two members of the same race. (5) Control group where people perform tasks without any race prime.

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

I will perform a t-test to measure the difference in means between pairwise combinations of treatments.

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

This study will exclude all participants who are not of the White or Black race. Also, this study will exclude all participants who don't identify as male. In the end, people will be debriefed on the specific details of the study and will be asked if they want to continue sharing their data or not. If they say no, they will be excluded and their records deleted.

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.

Using the described parameters, power analysis yields the target sample size of 500 (100 per treatment). Power analysis parameters: Effect size $d = 0.35$, Two-tailed t-test, $\alpha = 0.1$, power = 80%.

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

The study has been approved by the IRB and involves mild deception early on. However, before participants submit their responses, they will be debriefed on the actual purpose and details of the study and will be allowed to choose if they want to share their responses or not.