

## (#79820)

**Author(s)**

This pre-registration is currently anonymous to enable blind peer-review.  
It has 2 authors.

**Pre-registered on:**

2021/11/12 09:56 (PT)

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

It's complicated. We have already collected some data but explain in Question 8 why readers may consider this a valid pre-registration nevertheless.

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

Our main question is whether people believe that they would like talking to someone who is different from themselves more than they believe someone who is different from themselves would like talking to them. In short, will people underestimate how much someone different is interested in talking?

We will also test whether people's reports of how much they would like talking to someone different are related to their social desirability score.

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

Participants will answer the two questions below twice, once in reference to a similar person, and once in reference to a different person:

1. How much do you think you will like talking to this conversation partner? (self)
2. How much do you think this conversation partner will like talking to you? (other)

Participants will also respond to a 13-item social desirability scale.

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

4 within-subjects conditions: 2 (similarity: similar/different) x 2 (who: self/other)

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

Our primary analysis will be a MLM regression with a random effect for participant. Our primary analysis is to see whether people underestimate how much someone different would like talking (self vs. other). Then we will test for the following interaction: similarity (similar vs. different) x 2 who (self vs. other).

We will also run a regression to test whether social desirability predicts the gap between how much people would be interested in talking to someone different and how much they believe someone different would be interested in talking to them.

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

Participants will be excluded if they fail to respond to all items in the study.

**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.**

We aim to recruit 200 participants.

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

Data collection is underway, and we have not analyzed it yet.