

Rankings Study 3: conservative test (#61363)

Author(s)

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

Pre-registered on:
2021/03/19 11:29 (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?

A larger share of participants will prefer a water bottle ranked 2nd in a set of 8 bottles than a water bottle ranked 4th in a set of 20 bottles

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

The main dependent variable is a binary choice between two water bottles: one that is ranked 2nd in a set of 8 bottles and one that is ranked 4th in a set of 20 bottles.

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

No conditions: DV is the choice share in a binary question.

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

The order of the options in the choice question will be randomized across participants, and we will collapse participants across the two orders. We will run a chi square test comparing the distribution of participants' choices to a 50/50 distribution. We expect over 50% to select the water bottle ranked 4th (of 20).

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

Participants who complete the entire study will be included in our survey; we do not plan to exclude any participants.

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 will recruit 450 participants on MTurk.

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

We neglected to submit this pre-registration before posting the study to MTurk. We have not looked at the data at the time of creating this pre-registration, and so we believe this pre-registration is still valid. This oversight happened because this study was added on to the Qualtrics survey of a study for a different project that was posted to MTurk for data collection earlier than anticipated.