

Rankings Supp Study 2: percentile moderation (#73214)

Author(s)

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

Pre-registered on:

2021/08/23 09:38 (PT)

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 will prefer a restaurant from a smaller set (i.e., 2 of 8) than a restaurant at the same percentile ranked from a larger set (i.e., 4 of 16). This effect will attenuate when we increase the salience of the percentile rankings being the same (25th percentile)

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

Likert scale question measuring preference between the two restaurants, from 1 = Restaurant A to 7 = Restaurant B. Which restaurant is represented by A vs B will be counterbalanced, so we will recode all DVs such that 1 = a preference for the restaurant from the smaller set and 7 = a preference for the restaurant from the larger set.

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

All participants will read about two potential restaurants to visit that are ranked on Yelp: small set = 2nd of 8, large set = 4th of 16. Participants will either simply see that ranking information (control condition) or will also read that both restaurants are at the 25th percentile in their respective lists (percentile condition).

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

We will conduct an independent t-test comparing preferences between the percentile and control condition. We expect the control condition to prefer the smaller set (i.e., be lower) more relative to the percentile condition.

We will also conduct separate one-sample t-tests by condition to compare the mean to the midpoint of the scale (4).

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

We will include a simple attention check at the start of the study to try to remove bots and extremely inattentive participants from our sample. We will include all participants who successfully complete 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 will recruit 1300 participants on MTurk. We will collect these participants on MTurk in separate recruitment waves (due to Turk Prime and budget source constraints). These separate waves will be run consecutively and being sure to exclude any previous participants, without looking at the data between HITS.

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

none