

Anchoring_Dot Estimate_WithinSs_High vs. No Anchor (#63374)

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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 the anchor has a larger influence on estimates for the largest magnitude stimulus (the array containing the largest number of dots) than on estimates for the smallest magnitude stimulus (the array the smallest number of dots).

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

Participants will be asked to estimate the number of dot in the focal dot arrays.

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

(1) High anchor: participant will first estimate the number of dots in a 500-dot array, and then estimate the number of dots in each of the focal arrays.

(2) No anchor: participants will estimate the number of dots in each of the focal arrays.

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

We will conduct a 2(anchor: high, no) x 3(dot array: 35-dot array, 97-dot array, 273-dot array) mixed ANOVA, and then do simple comparisons of dot estimates of the small, medium, large dot arrays, between anchor conditions.

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

Participants whose estimates are below or equal to zero will be excluded from the analyses.

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 200 subjects to participate in the experiment.

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

Nothing else to pre-register.