

Anchoring_dot estimate_betweenSs (#41790)

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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 expect to observe an interaction such that there will be a bigger anchoring effect for the larger (273-dot array) than small magnitude array (35-dot array).

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

We will ask participants to estimate the number of dots in the focal arrays.

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

We will assign participants to one of four conditions. The study uses a 2(anchor: high, low) x 2(dot array: 35-dot array, 273-dot array) between-subject design.

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

We will conduct a 2(anchor: high, low) x 2(dot array: 35-dot array, 273-dot array) ANOVA to test our hypothesis. Post-hoc comparisons will be conducted to test the difference in dot estimate 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 400 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.