ASPREDICTED

UCSB Wave 4 - Misattribution (#32452)

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 rate how truthful they believe a set of 15 propositions (claims/statements) is. We will test whether participants who first attempt to unscramble the last word of each sentence, before rating how true it is, will rate the propositions as more true than people who merely read each proposition and rate how true it is.

Anagram condition example:
Nothing that happens is truly _____.
donmra

Rating condition example:
Nothing that happens is truly random.

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

Participants in each condition will provide truth judgments about each of 15 propositions by responding to the item, "Is this claim true or false?"

Truth judgments will be indicated on a 12-point scale ranging from 1 (definitely false) to 12 (definitely true).

As a secondary dependent measure, participants in the anagram condition will also indicate whether they had an "Aha!" moment, on a binary yes/no scale, in attempting to solve each anagram. We will explain and define Aha! moments to participants in the anagram condition at the beginning of the study.

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

Two conditions - 1.) anagram condition, in which participants will attempt to unscramble the last word in each proposition before rating how true it is and 2.) rating condition, in which participants will merely read and rate how true each proposition is.

Note that in the anagram condition, participants will proceed to read and rate the completed proposition if they do not submit an answer within 15 seconds.

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

In each condition we will average the truthfulness ratings of the 15 propositions. We will then compare the mean truthfulness ratings between conditions using an unequal variance t-test.

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

All participants will answer an attention check item which will require them to recall which condition they were assigned to. There will be 4 choices for this item with one correct answer per condition. All participants will respond to the same item.

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.

This will be the first in a series of studies that will continue data collection until 1,500 participants have both completed the entire series of studies AND correctly answered the attention check item in this study. This means that although there will be no fewer than 1,500 participants who will complete this study, there might be more than 1,500 participants due to participant dropout between the beginning and end of the series of studies.

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

This study is part of a collaborative research effort with three other labs, and was designed by one of the other labs. The researchers in that lab also plan to test 2) if participants will rate propositions as more likely to be true if an Aha! moment was experienced. 3) if participants will rate propositions as more likely to be true if an anagram was solved rather than not solved. 4) if participants in the anagram condition will report more Aha! moments than those in the rating condition.