

Stanford Wave 4 - Misreporting (#23122)

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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?

People who are warned that if they self-report watching five or more live sporting events in the past year, they will be required to answer 20 more follow-up questions, will be less likely to indicate doing so than those who are not warned about the follow-up questions.

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

Response to the question,

"During the past 12 months, since [CURRENT DATE – 12 MONTHS], did you watch five or more live sporting events on television, or did you not do that?

o Did watch five or more

o Did not watch five or more"

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

Two conditions - forewarned about the possibility of answering 20 extra questions or not forewarned about the possibility of answering 20 extra questions.

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

We will conduct an OLS regression equation in which we will regress participants' responses to the DV on condition and demographic dummy variables. The demographic dummy variables will be coded as described in section 8.

The following demographic dummy variables will be the comparison groups and will be excluded from the OLS regression: age 18 to 24, other race, less than high school, income low, northeast.

A statistically significant negative coefficient for the condition variable will be interpreted as supporting the hypothesis. A statistically significant positive coefficient, or a coefficient that is not statistically significant, was interpreted as not supporting the hypothesis. Cohen's d for the condition coefficient was computed as an estimate of the effect size.

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

A participant will be excluded from the test of the hypothesis if any of the following conditions are met:

1. The participant failed to select "Slightly disagree" when answering the attention check question (see Q1 in "Questionnaire content").
2. The participant failed to successfully complete a Captcha verification.
3. The participant completed the questionnaire more than once.
4. The participant reported completing the questionnaire more than once
5. The participant did not submit a completed questionnaire.
6. The participant submitted a completed questionnaire more than 60 minutes after opening the questionnaire.

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 study in a 20-minute survey session. We will collect data until at least 1,500 participants have passed all of our inclusion criteria and have completed the entire session. Because participants sometimes drop out between the beginning and end of the session, it is possible that more than 1,500 participants will complete this study, but we will have no fewer than 1,500 respondents who meet our inclusion criteria.

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

If the dummy variable is not coded 1, it will be coded 0.

Condition.

"1" for participants assigned to the forewarned condition

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Sex.

"1" for females and "0" otherwise.

sexmiss "1" for participants who did not answer the sex question

Age will be constructed as the difference between 2019 and the answer to the birth year question. Dummy variables will include: 18-24, 25-34, 35-44,

45-54, 55-64, 65+, and agemiss, "1" for participants who did not answer the birth year question

Ethnicity.

hispanic, "1" for participants who reported Hispanic ethnicity

Hispanicmiss, "1" for participants who did not answer the Hispanic ethnicity question

Race.

white, "1" for participants who only selected "White"

black, "1" for participants who only selected "Black or African-American"

other race "1" for participants who selected a response category other than "White" or "Black or African-American", or selected more than one category

racemiss "1" for participants who did not answer the race question

Education.

less than high school, "1" for participants who chose an education level at or below "12th grade NO DIPLOMA"

high school graduate, "1" for participants who chose "HIGH SCHOOL GRADUATE- high school DIPLOMA or the equivalent (For example; GED)"

some college, "1" for participants who chose between "Some college but no degree," and "Associate degree in college - Academic program"

college graduate, "1" for participants who chose, any education level at bachelor's degree or above

edumiss, "1" for participants who did not answer the education question

Income.

incomelow, "1" for participants who chose "Less than \$10,000" to "\$20,000 to less than \$30,000"

incomelm, "1" for participants who selected "\$30,000 to less than \$40,000" or "\$40,000 to less than \$50,000"

incomemid, "1" for participants who selected "\$50,000 to less than \$75,000"

incomemlh, "1" for participants who selected "\$75,000 to less than \$100,000"

incomemhi, "1" for participants who selected "\$100,000 to less than \$150,000" or "\$150,000 or more"

incomemiss, "1" for participants who did not answer the income question

Region.

Each zip code will be matched to a state, which was then matched with a Census region.

Northeast, "1" for participants whose zip is in the Northeast Census region

Midwest, "1" for participants whose zip is in the Midwest Census region

south, "1" for participants whose zip is in the South Census region

west, "1" for participants whose zip is in the West Census region

regionmiss, "1" for participants who did not answer or provided an invalid zip code