ASPREDICTED

Coursera - improving your statistical inferences (#34300)
This AsPredicted is just a test. It will self-destruct in 24 hours. Not an actual pre-registration.

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Author(s)

Changyao Chen (Coursera) - cc2759@caa.columbia.edu

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?

The average imdb ratings for movies longer than 120 minutes and shorter than 120 minutes are equivalent.

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

imdb ratings (from 0 to 10) for all the movies released after 1980.

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

All movies need to be released after 1980; and the maximum duration is less than 600 minutes.

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

We will conduct a 2-sample t-test, and we consider |cohen's| less than 0.05 as equivalent.

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

See Q4.

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.

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

n/a