IMDB Ratings - Ben versus Casey Affleck (#4846)

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1) What's the main question being asked or hypothesis being tested in this study?
Films starring Casey Affleck will have higher IMDB ratings than films starring Ben Affleck.

2) Describe the key dependent variable(s) specifying how they will be measured.
IMDB ratings only.

Use the X most recent films currently released (exclude those not yet on general release e.g. those in pre or post-production).

3) How many and which conditions will participants be assigned to?
Two conditions: films staring Casey Affleck versus films starring Ben Affleck.

4) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
T-test for difference between means for films starring Ben Affleck versus films starring Casey Affleck. Alpha level .05

5) Any secondary analyses?
N/A

6) 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.
Alpha of .05. One-tailed test (I think Casey Affleck is the better actor and so predict difference in that direction). 80% power with a medium effect size. Power analysis says need 51 per condition. Will aim to get as close to this as possible.

7) Anything else you would like to pre-register? (e.g., data exclusions, variables collected for exploratory purposes, unusual analyses planned?)
N/A

8) Have any data been collected for this study already?
No, no data have been collected for this study yet