

OPEN SCIENCE ASSIGNMENT

Q1. Star wars newer films are worst qualified than olders. My hypothesis is justified in that first films had a better argument, and last films had a worst argument, only with special effects.

Q2. I will measure following variables:

- Dependent variables: Star wars films quality

Q3. Sample size.

- I will use an alpha of 0.05, with 90% of power and Cohen's $d = 0.8$ because of reduced number of films. My sample size is 10 films.

Q4. Statistical test

- I will use a Pearson correlation to check the hypothesis about inverse correlation between year of film and quality of it. I will use a 90%CI, an alpha of 0.005 and Cohen's $d = 0.8$.

<https://osf.io/d7umg/register/5771ca429ad5a1020de2872e>

