

Collaborators:

Worksheets are marked mostly on completion, and partially on correctness. It will be marked either pass or fail, there will no detailed feedback on worksheets, and no opportunities for revisions and make-up.

- State the null and alternative hypotheses.
- Compute the standardized effect size.
- Calculate the power of this test using R.
- Interpret the result. What does this power tell you about the likelihood of detecting the true effect?

1. Speegle, Darrin and Clair, Bryan (2021) [Probability, statistics, and data: A fresh approach using r](#), Chapman; Hall/CRC.
2. Diez DM, Barr CD, Çetinkaya-Rundel M (2012) [OpenIntro statistics](#), OpenIntro.