

Experiment planning worksheet

Primary Investigators (your names):

Research question (s):

Hypotheses (H_0 and H_1):

Independent (predictor) and dependent (outcome) variables:

Potential confounding variables, and how you will attempt to control them:

What statistical test will you use? We have so far only talked about t-tests, but ANOVA and regression analyses may also be appropriate. Ask me if in doubt.

What α will you choose for your statistical test (to combat Type I errors)?

Sketch a figure showing how you hope your results will look: