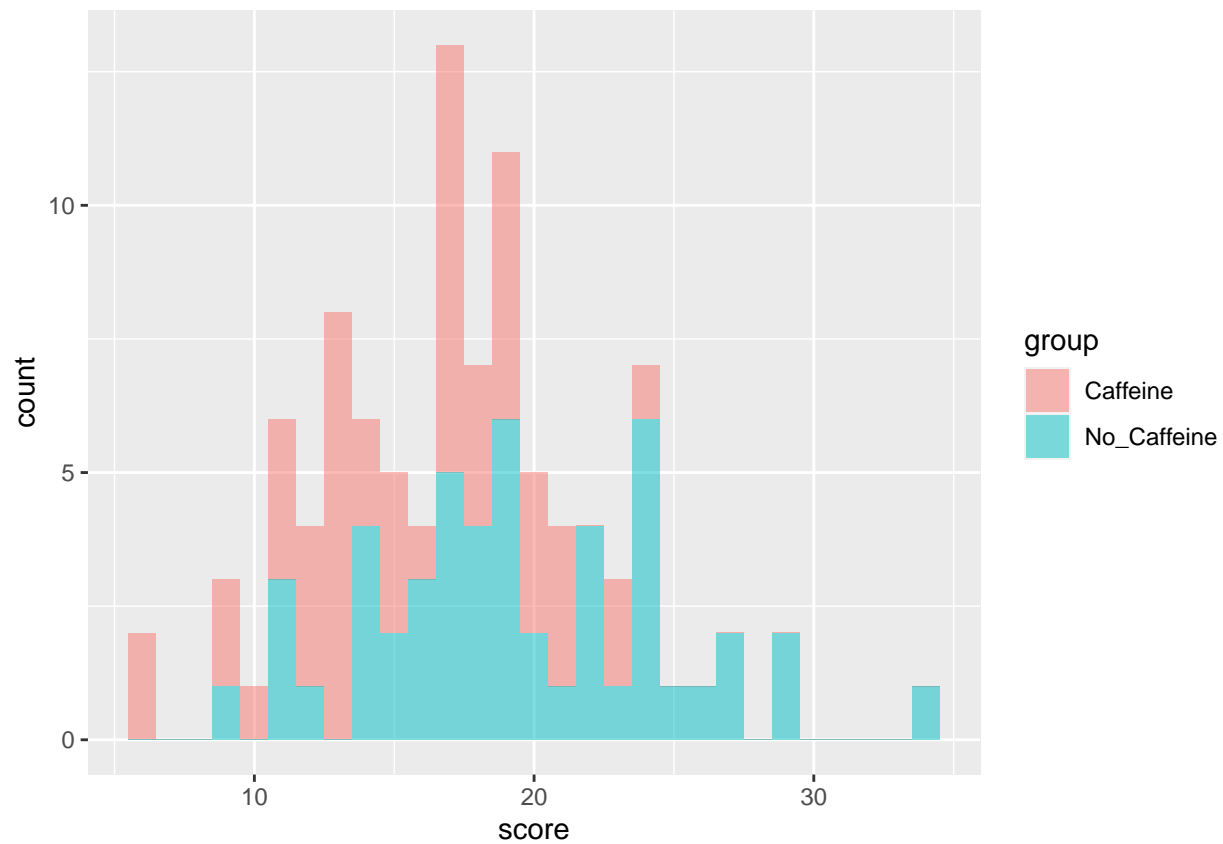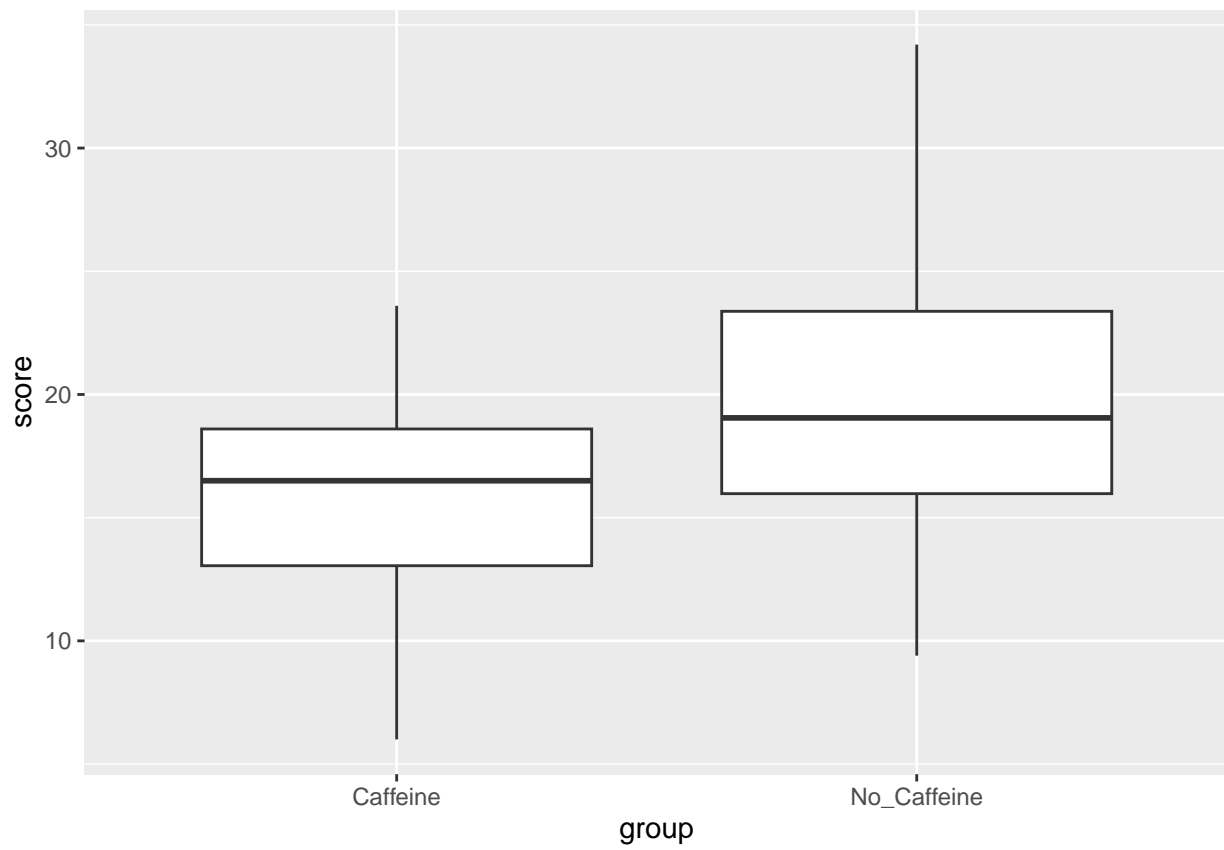# High level overview

Example of two groups

Experimental setup

A researcher wants to test whether caffeine consumption can help you perform better on exams. Two groups of n=50 were given a general knowledge exam. The morning of the exam, one group consumed caffeine and the other consumed a placebo.
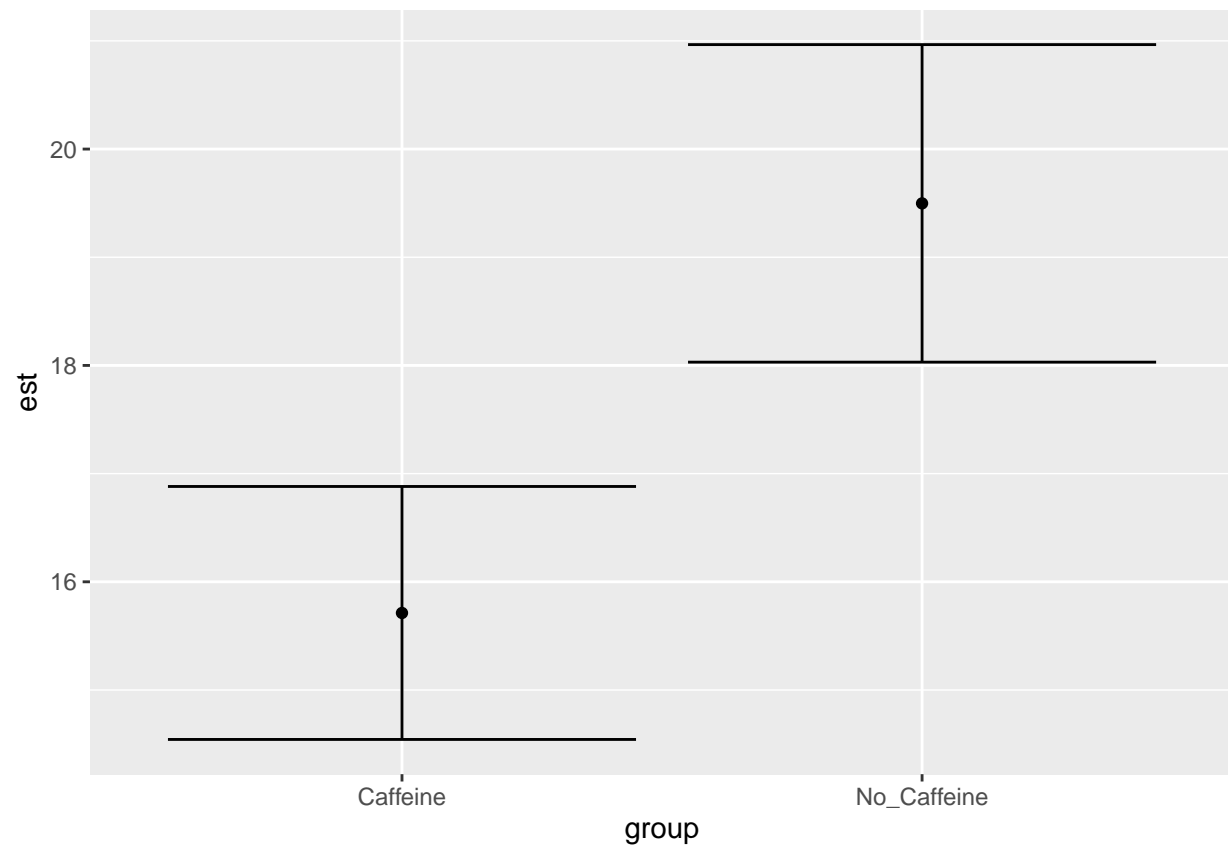
Data summary 1: histograms

Data summary 2: Boxplots

Inferential summary: Confidence interval plot

Looks like the caffeine may actually be harmful to performance!

Example of X vs Y

Experimental setup