Reading a small plant-growth experiment

Abstract

This imaginary exercise compares two groups of seedlings under different watering schedules. The numbers below are invented for translation review. Among 40 seedlings, 12 grew taller than the chosen threshold. This observation may reflect differences in the sample and does not establish causation.

Method and limitations

The fictional groups were observed for 8 days. The exercise does not report random assignment, a confidence interval, or a measured treatment effect. Readers should not infer that one watering schedule causes faster growth.

Review notes

Check the negation, the uncertainty in may reflect, the count 12 of 40, the 8-day duration, and the distinction between observation and causation.