

LEARNING CHECK

1. What is the difference between an independent samples t test and a paired samples t test?

A: The independent samples t test is used to compare two group means when each person in the sample provides one datapoint (that is, participants are in one and only one group). The paired samples t test is used when each person in the sample provides two datapoints.

2. What is the independent variable in Stirling et al.'s (2014) experiment?

A: The two types of incorrect responses are false alarms and misses.

3. What is the dependent variable in Stirling et al.'s (2014) experiment?

A: The difference between the proportion of false alarms and the proportion of misses.