

After reading this chapter, you will be able to

Differentiate between the one-sample t test and the independent samples t test

Summarize the relationship among an independent variable, a dependent variable, and random assignment

Interpret the conceptual ingredients of the independent samples t test

Interpret an APA style presentation of an independent samples t test

Hand-calculate all ingredients for an independent samples t test

Conduct and interpret an independent samples t test using SPSS