Print

Summary of Hypothesis Testing for Continuous Data

We've covered many concepts and topics in this lesson. You learned about one-sample t tests, two-sample t tests, paired t tests, ANOVA, and methods for multiple pairwise comparisons.

You also learned about equivalence tests, unequal variance tests, and analysis of means, or ANOM. As you can see, statistical testing is a broad and deep topic, and there are a lot of concepts and methods we did not have an opportunity to discuss. If you regularly use data for decision making, you might want to broaden your knowledge of statistical testing. Here are some core topics you might want to learn more about: how to handle highly skewed data, nonparametric tests, tests for categorical data, tests for parameters other than the mean and the variance, and the equal variance assumption and tests for equal variances.

As you gain more familiarity with using data and statistical methods to drive decision making, keep in mind that the methods you use are determined largely by your data. If you encounter anything unusual or unexpected, such as wildly skewed data, or if you're not sure of the best method to use, you might want to consult with an expert or do some research on your own. If you use JMP for your analysis work, you can join the worldwide community of JMP users.

You can ask questions or research answers on the JMP User Community discussion forum and connect with technical experts from across the globe.

Close