

Choosing the Correct Test

What do you want to do?	Number of variables/ conditions	Design	Parametric/ Nonparametric	Statistical Test	SPSS Procedure: Analyze..	
Look for differences	One Variable: 2 Conditions	Independent measures	Parametric	Independent T-Tests	Compare means	Independent samples T-Test
		Repeated measures	Parametric	Related T-Tests	Compare means	Paired samples T-Test
	One Variable: more than 2 conditions	Independent measures	Parametric	One factor independent ANOVA	General linear model	Univariate
		Repeated measures	Parametric	One factor repeated ANOVA	General linear model	Repeated measures
	Two variables	Independent measures on both variables	Parametric	Two factor independent ANOVA	General linear model	Univariate
		One independent measure and one repeated measure	Parametric	Two factor mixed design ANOVA	General linear model	Repeated measures
		Repeated measures on both variables	Parametric	Two factor repeated design ANOVA	General linear model	Repeated measures
Correlate variables	Two variables	Correlational	Parametric	Pearson	Correlate	Bivariate
	Two or more variables	Regression	Parametric	Multiple Regression	Regression	Linear