

Summary Table of Statistical Tests

Level of Measurement	Sample Characteristics					Correlation
	1 Sample	2 Sample		K Sample (i.e., >2)		
		Independent (Comparison of Groups)	Dependent (Comparison of Variables)	Independent (Comparison of Groups)	Dependent (Comparison of Variables)	
Categorical or Nominal	X ² or bi-nomial	X ²	Macnarmar's X ²	X ²	Cochran's Q	
Rank or Ordinal		Mann Whitney U	Wilcoxon Matched Pairs Signed Ranks	Kruskal Wallis H	Friedman's ANOVA	Spearman's rho
Parametric (Interval & Ratio)	z test or t test	t test between groups	t test within groups	1 way ANOVA between groups	1 way ANOVA (within or repeated measure)	Pearson's r
		Factorial (2 way) ANOVA				

(Plonskey, 2001)