

Table 14.1 Summary of Nonparametric Tools

	χ^2 Goodness-of-Fit	χ^2 test of independence	Spearman correlation	Mann Whitney <i>U</i> Test
When to Use	One nominal variable	Two nominal variables	Ordinal variables	Ordinal outcome variable
What It Does	Tests how well observed frequencies in a sample match/fit expected patterns of frequencies in the population	Tests differences in frequencies on two between-group variables	Correlates rank-ordered data	Tests two-group differences on an ordinal dependent (outcome) variable