

TABLE 15.13

The Scales of Measurement for Factors Tested Using the Pearson, Spearman, Point-Biserial, and Phi Correlation Coefficients

Correlation Coefficient	Scale of Measurement for Correlated Variables
Pearson	Both factors are interval or ratio data.
Spearman	Both factors are ranked or ordinal data.
Point-Biserial	One factor is dichotomous (nominal data), and the other factor is continuous (interval or ratio data).
Phi	Both factors are dichotomous (nominal data).