

**Table 13.3**

Symbolic and Verbal Representations of Two-Tailed Research and Null Hypotheses for a Pearson's Correlation

	<i>Symbolic</i>	<i>Verbal</i>	<i>Coefficient Created by</i>
Research hypothesis ( $H_1$ )	$H_1: \rho \neq 0$	Gratitude and prosocial attitudes are linearly related; the correlation is not zero.	Relationship between variables
Null hypothesis ( $H_0$ )	$H_0: \rho = 0$	Gratitude and prosocial attitudes are not linearly related; the correlation is zero.	Sampling error