

	<i>Test Statistic</i>	<i>Effect Size</i>
Pearson correlation $df = N - 2$	$r = \frac{SS_{XY}}{\sqrt{(SS_X)(SS_Y)}}$ $SS_{XY} = \Sigma XY - \frac{(\Sigma X)(\Sigma Y)}{N}$ $SS_X = \Sigma X^2 - \frac{(\Sigma X)^2}{N}$ $SS_Y = \Sigma Y^2 - \frac{(\Sigma Y)^2}{N}$	r^2 Guidelines for interpreting r^2 : .01 = small, .09 = medium, .25 = large
Spearman correlation $df = N - 2$	Same as Pearson but use ranked data	r^2 Guidelines for interpreting r^2 : .01 = small, .09 = medium, .25 = large
Regression	$\hat{Y} = bx + a$ $b = r \left(\frac{SD_Y}{SD_X} \right)$ $a = M_y - bM_x$	