

Table 16.2 The Reliabilities of Interaction Terms as a Function of Reliabilities of Individual Variables

	<i>Correlation Between X and Z</i>			
<i>Reliability of X and Z</i>	<i>r = 0</i>	<i>r = 0.20</i>	<i>r = 0.40</i>	<i>r = 0.60</i>
0.90	0.81	0.82	0.86	0.96
0.80	0.64	0.66	0.71	0.83
0.70	0.49	0.51	0.58	0.72
0.60	0.36	0.39	0.47	0.62

NOTE: These calculations assume that both variables are centered at 0 and that both X and Z have equal reliabilities. Numbers reported are cross-product reliabilities.