

TABLE 17.11

The Degrees of Freedom

<i>Frequency Expected (fe)</i>		<i>Outcome</i>		
		<i>Completion</i>	<i>Premature Termination</i>	
Type of Counseling	Family	16.38	—	34
	Individual	—	—	76
		53	57	$N = 110$

The degrees of freedom are the number of cells that are free to vary. In a 2×2 chi-square, once we compute the expected frequency of one cell, the remaining cells are not free to vary—they must sum to the row and column totals. Hence, $df = 1$ for a 2×2 chi-square.