

**TABLE 13.11** Between-Subjects Design

Source of Variation	<i>SS</i>	<i>df</i>	<i>MS</i>	$F_{\text{obt}}$
Between groups	12.50	2	6.25	5.79*
Within groups (error)	<b>9.75</b>	<b>9</b>	<b>1.08</b>	
Total	22.25	11		

The completed  $F$  table for Study 1 and Study 2 using a one-way between-subjects ANOVA. Both studies will result in the same  $F$  table because the individual scores and the group means are the same for each group. Values for within-groups error are given in bold.