

TABLE 14.17

Simple Main Effect Test for When the Buffet Was Present

Exposure to Sugars		
Low	Moderate	High
5	15	15
8	10	12
5	8	15
6	9	16
5	7	12
7	11	14

Source of Variation	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>
Between groups (exposure)	192	2	96.00	23.23*
Error (within groups)	62	15	4.133	
Total	254	17		

The decision is to reject the null hypothesis. We decide that increased exposure to sugars interferes with the completion of a computer task when the buffet of sugary foods is present. An asterisk indicates significance at  $p < .05$ .