

TABLE 14.16

Simple Main Effect Test for When the Buffet Was Absent

Exposure to Sugars		
Low	Moderate	High
8	10	13
7	12	9
9	15	11
10	8	8
12	6	13
8	9	12

Source of Variation	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>
Between groups (exposure)	12	2	6.000	1.023
Error (within groups)	88	15	5.867	
Total	100	17		

The decision is to retain the null hypothesis. We decide that increased exposure to sugars does not interfere with completing the computer task when the buffet is absent (i.e., when stacks of paper are on the desk).