

TABLE 14.18

Data for Analyzing the Main Effect

	Exposure to Sugars		
	Low	Moderate	High
Scores for when the buffet was absent	8	10	13
	7	12	9
	9	15	11
	10	8	8
	12	6	13
	8	9	12
Scores for when the buffet was present	5	15	15
	8	10	12
	5	8	15
	6	9	16
	5	7	12
	7	11	14
Means	$M = 7.5$	$M = 10$	$M = 12.5$

The data in this table are from Table 14.10. To analyze the significant main effect, the buffet-absent and buffet-present groups are combined at each level of exposure. Hence, $n = 12$ per group.