

Table 6-2 Central Tendency and Variation in Democratic Thermometer Ratings: Hypothetical Scenario B

Student	Democratic rating	Deviation from the mean	Squared deviation from the mean
1	25	−33	1,089
2	34	−24	576
3	50	−8	64
4	55	−3	9
5	56	−2	4
6	58	0	0
7	60	2	4
8	61	3	9
9	66	8	64
10	82	24	576
11	91	33	1,089
Summary information			
<i>Central tendency</i>		<i>Dispersion</i>	
Summation of ratings = 638		Summation of squared deviations = 3,484	
		Average of squared deviations (variance) = 316.7	
$N = 11$			
$\mu = 58$		$\sigma = 17.8$	