Desiree Vargas

EDG 500

April 10,2023

	N	Mean	Std. deviation	Std. error	95% confidence interval for mean		minimum	maximum
					Lower bound	Upper bound		
Low dosage	3	7.0000	1.00000	0.57735	4.5159	9.4841	6.00	8.00
Moderate dosage	3	5.6667	2.08167	1.20185	0.4955	10.8378	4.00	8.00
High dosage	3	2.0000	1.00000	0.57735	-0.4841	4.4841	1.00	3.00
Total	9	4.8889	2.57121	0.85707	2.9125	6.8653	1.00	8.00

	Sum of squares	df	Mean square	F	Sig.
Between Groups	40.222	2	20.111	9.526	0.014
Within groups	12.667	6	2.111		
Total	52.889	8			

	N	Mean	Std. Deviation	Std. Error	95% confidence interval for mean		Minimum	Maximum
					Lower Bound	Upper Bound		

Low SES	4	10.0000	1.82574	0.91287	7.0948	12.9052	8.00	12.00
Middle SES	4	12.2500	1.70783	0.85391	9.5325	14.9675	10.00	14.00
High SES	4	12.0000	2.16025	1.08012	8.5626	15.4374	10.00	15.00
Total	12	11.4167	2.02073	0.58333	10.1328	12.7006	8.00	15.00

	Sum of squares	df	Mean sqaure	F	Sig.
Between Groups	12.167	2	6.083	1.672	0.241
Within Groups	32.75	9	3.639		
Total	44.917	11			

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- **What is the mean for the low SES?** 10.0000

- **What is the mean for the middle SES group?** 12.2500

- **What is the mean for high SES group?** 12.0000

- **What is the value of F?** 1.672

- **What is the value of the associated probability ?** .241

- **Are the differences among the means for the SES groups statically significant at the .05 level?** The differences among the means can be declared insignificant because .241 is greater than .05

- **Write a statement of the results of the significance test**

The low SES mean 10.0000, (sd= 1.82574) the middle SES mean is 12.2500 (sd=1.70783) and the high mean is 12.0000 (sd= 2.16025). The differences among the means statistically are insignificant at the .05 level (F[2,9]=1.672, p= 0.241).