Justo Galeas
EDG500
04/03/23

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Attitude towards math	20	3.7000	2.55672	.57170

One-Sample Test

	Test Value = 4.0						
			Significance			95% Confidence Interval of the Differen	
	T	df	One-Sided p	Two-Sided p	Mean Difference	Lower	Upper
Attitude towards math	-.525	19	.303	.606	-.30000	-1.4966	.8966

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
ScoresElementarySchool	12	32.7500	4.02549	1.16206

One-Sample Test

	Test Value = 4.0						
			Significance		Mean	95% Confidence Interval of the Diffe	
	t	df	One-Sided p	Two-Sided p	Difference	Lower	Upper
ScoresElementarySchool	24.741	11	<.001	<.001	28.75000	26.1923	31.3077

a. The mean value is 32.75

b. The value of t is 24.74

c. The df is 11

d. It is less than .05, therefore the difference is statically significant at the .001 level, rejecting the null hypothesis.

e. For the local district sample, the values of the mean and standard deviation are 32.00 and 4.025, respectively. The statewide mean is 4.00. The difference between the sample mean and the statewide mean is statically significant at the .05 level (t= 24.74, df = 11).