Desiree Vargas

EDG 500

March 25,2023

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pretest	11.5556	9	2.29734	0.76578
	Posttest	9.6667	9	2.23607	0.74536

		Significance		
		N	Correlation	One sided p	Two sided p
Pair 1	Pretest & Posttest	9	0.527	0.072	0.145

		Paired differences					t	df	Significance	
					95 % confidence interval of the difference					
		Mean	Std. Deviation	Std. error mean	Lower	Upper			One sided p	Two sided p
Pair 1	Pretest-Posttest	1.88889	2.20479	0.73493	0.19414	3.58364	2.570	8	0.017	0.033

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pretest	32.8000	10	4.61399	1.45907
	Posttest	34.0000	10	5.05525	1.59861

		Significance		
		N	Correlation	One sided p	Two sided p
Pair 1	Pretest & Posttest	10	0.843	0.001	0.002

									Significance	
					95 % confidence interval of the difference					
		Mean	Std. Deviation	Std. error mean	lower	upper	t	df	One sided p	Two sided p
Pair 1	Pretest-Posttest	-1.2	2.74064	0.86667	-3.16054	0.76054	-1.385	9	0.1	0.2

A.

B. What is the mean for the Pretest? 32.8000

C. What is the mean for the posttest? 9.6667

D. **What is the value of t?** -1.385

E. What is the associated possibility ? .200

F. Is the difference between the pretest and posttest means statistically significant at the .05 level? The mean self esteem score increased from 32. 8000 (sd 4.61) on the pretest to 34.0 (sd 5.05) on the post test. The difference between the two means is statistically significant.

G. Write a statement of the results of the significant test -The mean self esteem score increased from 32. 8000 (sd 4.61) on the pretest to 34.0 (sd 5.05) on the post test. The difference between the two means is statistically significant.