

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Pre-Test	35	68	100	88.49	7.721
Post-Test	35	80	100	93.09	5.049
Valid N (listwise)	35				

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre-Test	.126	35	.176	.912	35	.009
Post-Test	.229	35	.000	.899	35	.004

^a. Lilliefors Significance Correction

Hypothesis Test Summary				
	Null Hypothesis	Test	Sig.	Decision
1	The median of differences between Pre-Test and Post-Test equals 0.	Related-Samples Wilcoxon Signed Rank Test	.010	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Ranks				
		N	Mean Rank	Sum of Ranks
Post-Test – Pre-Test	Negative Ranks	9 ^a	17.50	157.50
	Positive Ranks	26 ^b	18.17	472.50
	Ties	0 ^c		
	Total	35		

- a. Post-Test < Pre-Test
- b. Post-Test > Pre-Test
- c. Post-Test = Pre-Test

Test Statistics ^a	
	Post-Test – Pre-Test
Z	-2.590 ^b
Asymp. Sig. (2-tailed)	.010

- a. Wilcoxon Signed Ranks Test
- b. Based on negative ranks

Table 5. Effect Size Interpretation

Effect Size (r)	Interpretation
0.438	Medium Effect