

# Wilcoxon Results Report

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## Contents

<b>Comparisons</b>	<b>1</b>
<b>Results</b>	<b>3</b>
Experimental vs. Control Groups Results . . . . .	3
Pre vs. Post Results . . . . .	4

## Comparisons

Each row represents a comparison.

The total of Pre and the total of Post intervention responses for the Control group is compared to the total of Pre and the total of Post intervention responses for the Experimental group.

Table 1: Experimental vs. Control Groups

Group.x	Group.y	Time	Survey
Experimental	Control	Pre	FACES
Experimental	Control	Pre	AKS
Experimental	Control	Pre	FES
Experimental	Control	Pre	SCS
Experimental	Control	Pre	FPPS
Experimental	Control	Pre	SEAS
Experimental	Control	Post	FACES
Experimental	Control	Post	AKS
Experimental	Control	Post	FES
Experimental	Control	Post	SCS
Experimental	Control	Post	FPPS
Experimental	Control	Post	SEAS

For each the Experimental and the Control group, the total of Pre intervention responses were compared to the total of Post intervention responses.

Table 2: Pre vs Post within Experimental and Control Groups

Time.x	Time.y	Group	Survey
Pre	Post	Experimental	FACES
Pre	Post	Experimental	AKS
Pre	Post	Experimental	FES
Pre	Post	Experimental	SCS
Pre	Post	Experimental	FPPS
Pre	Post	Experimental	SEAS
Pre	Post	Control	FACES
Pre	Post	Control	AKS
Pre	Post	Control	FES
Pre	Post	Control	SCS
Pre	Post	Control	FPPS
Pre	Post	Control	SEAS

## Results

### Experimental vs. Control Groups Results

Table 3: Pre Group Results

Time	Survey	Group A	Group B	W	p	ES
Pre	AKS	Experimental	Control	19.0	0.361	4.906
Pre	FACES	Experimental	Control	29.0	0.858	7.488
Pre	FES	Experimental	Control	33.0	0.516	8.521
Pre	FPPS	Experimental	Control	26.0	0.029	7.839
Pre	SCS	Experimental	Control	21.5	0.185	6.482
Pre	SEAS	Experimental	Control	22.5	0.886	6.240

- $H_0$ : There is no difference between the populations of *Pre Experimental* group and the *Pre Control* group.
- $H_A$ : There is a difference between the populations of *Pre Experimental* group and the *Pre Control* group.

Table 4: Post Group Results

Time	Survey	Group A	Group B	W	p	ES
Post	AKS	Experimental	Control	36.0	0.311	9.295
Post	FACES	Experimental	Control	38.0	0.214	9.812
Post	FES	Experimental	Control	40.0	0.140	10.328
Post	FPPS	Experimental	Control	24.5	0.057	7.387
Post	SCS	Experimental	Control	16.5	0.704	4.975
Post	SEAS	Experimental	Control	29.5	0.252	8.182

- $H_0$ : There is no difference between the populations of *Post Experimental* group and the *Post Control* group.
- $H_A$ : There is a difference between the populations of *Post Experimental* group and the *Post Control* group.

W = Test Statistic from Wilcoxon Test

p = P-Value of W

ES = Effect Size W

## Pre vs. Post Results

Table 5: Experimental Group Results

Group	Survey	Pre	Post	W	p	ES
Experimental	AKS	Pre	Post	9	0.062	2.121
Experimental	FACES	Pre	Post	16	0.238	3.771
Experimental	FES	Pre	Post	1	0.004	0.236
Experimental	FPPS	Pre	Post	8	0.336	2.138
Experimental	SCS	Pre	Post	0	0.017	0.000
Experimental	SEAS	Pre	Post	3	0.039	0.802

- $H_0$ : There is no difference between the populations of *Pre Experimental* group and the *Post Experimental* group.
- $H_A$ : There is a difference between the populations of *Pre Experimental* group and the *Post Experimental* group.

Table 6: Control Group Results

Group	Survey	Pre	Post	W	p	ES
Control	AKS	Pre	Post	11	0.584	3.175
Control	FACES	Pre	Post	10	0.791	2.887
Control	FES	Pre	Post	2	0.089	0.577
Control	FPPS	Pre	Post	2	0.188	0.707
Control	SCS	Pre	Post	1	0.099	0.354
Control	SEAS	Pre	Post	7	0.500	2.021

- $H_0$ : There is no difference between the populations of *Pre Control* group and the *Post Control* group.
- $H_A$ : There is a difference between the populations of *Pre Control* group and the *Post Control* group.

W = Test Statistic from Wilcoxon Test

p = P-Value of W

ES = Effect Size W