Wilcoxon Results Report

Joseph Oliveira

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Contents

Comparisons

Each row represents a comparison.

Experimental vs. Control Groups

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.

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

Pre vs Post within Experimental and Control Groups

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

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

Pre Group Results

- 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.

Time	Survey	Group A	Group B	W	p	ES
Pre	AKS	Experimental	Control	20.0	0.290	5.000
Pre	FACES	Experimental	Control	30.0	1.000	7.500
Pre	FES	Experimental	Control	33.0	0.786	8.250
Pre	FPPS	Experimental	Control	28.0	0.050	8.083
Pre	SCS	Experimental	Control	21.5	0.395	6.207
Pre	SEAS	Experimental	Control	22.5	0.897	6.013

Post Group Results

- 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.

Time	Survey	Group A	Group B	W	p	ES
Post	AKS	Experimental	Control	36.0	0.547	9.000
Post	FACES	Experimental	Control	42.0	0.211	10.500
Post	FES	Experimental	Control	43.0	0.174	10.750
Post	FPPS	Experimental	Control	27.5	0.060	7.939
Post	SCS	Experimental	Control	17.5	0.864	5.052
Post	SEAS	Experimental	Control	32.5	0.299	8.686

W = Test Statistic from Wilcoxon Test
p = P-Value of W ES = Effect Size W

Pre vs. Post Results

Experimental Group Results

- 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.

Group	Survey	Pre	Post	W	p	ES
Experimental	AKS	Pre	Post	14	0.092	3.130
Experimental	FACES	Pre	Post	18	0.179	4.025
Experimental	FES	Pre	Post	1	0.002	0.224
Experimental	FPPS	Pre	Post	8	0.175	2.000
Experimental	SCS	Pre	Post	0	0.011	0.000
Experimental	SEAS	Pre	Post	3	0.020	0.750

Control Group Results

- 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.

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

W = Test Statistic from Wilcoxon Test
p = P-Value of W ES = Effect Size W