Oneway

Notes

Output Created		28-FEB-2022 22:57:42
Comments		
Input	Data	/Users/benjamin/Desktop/AP Research/21-22-PAS-AP-Research/Experiment 4/E4-Raw/E4-SA.csv
	Active Dataset	DataSet14
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Difference BY Scale /ES=OVERALL /STATISTICS HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95) /POSTHOC=TUKEY ALPHA(0.05).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

[DataSet14]

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Difference	Based on Mean	.819	3	16	.502
	Based on Median	.613	3	16	.616
	Based on Median and with adjusted df	.613	3	9.149	.623
	Based on trimmed mean	.827	3	16	.498

ANOVA

Difference

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.001	3	.000	4026.306	<.001
Within Groups	.000	16	.000		
Total	.001	19			

ANOVA Effect Sizes[a]

		Point Estimate	95% Confidence Interval Lower	Upper
Difference	Eta-squared	.999	.996	.999
	Epsilon-squared	.998	.995	.999
	Omega-squared Fixed-effect	.998	.995	.999
	Omega-squared Random-effect	.995	.986	.997

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Difference

Tukey HSD

(I) Scale	(J) Scale	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
5	10	.0048800*	.0001676	<.001	.004400	.005360
	15	.0088800*	.0001676	<.001	.008400	.009360
	20	.0177600*	.0001676	<.001	.017280	.018240
10	5	-.0048800*	.0001676	<.001	-.005360	-.004400
	15	.0040000*	.0001676	<.001	.003520	.004480
	20	.0128800*	.0001676	<.001	.012400	.013360
15	5	-.0088800*	.0001676	<.001	-.009360	-.008400
	10	-.0040000*	.0001676	<.001	-.004480	-.003520
	20	.0088800*	.0001676	<.001	.008400	.009360
20	5	-.0177600*	.0001676	<.001	-.018240	-.017280
	10	-.0128800*	.0001676	<.001	-.013360	-.012400
	15	-.0088800*	.0001676	<.001	-.009360	-.008400

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Difference

Tukey HSD[a]

Scale	N	Subset for alpha = 0.05			
		1	2	3	4
20	5	-.027820			
15	5		-.018940		
10	5			-.014940	
5	5				-.010060
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.