Oneway

Notes

Output Created		28-FEB-2022 22:51:27
Comments		
Input	Data	/Users/benjamin/Desktop/AP Research/21-22-PAS-AP-Research/Experiment 4/E4-Raw/E4-AA.csv
	Active Dataset	DataSet11
	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	00:00:01.00

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Difference	Based on Mean	4.442	3	16	.019
	Based on Median	2.144	3	16	.135
	Based on Median and with adjusted df	2.144	3	10.877	.153
	Based on trimmed mean	4.337	3	16	.020

ANOVA

Difference

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	3	.000	777.439	<.001
Within Groups	.000	16	.000		
Total	.000	19			

ANOVA Effect Sizes[a]

		Point Estimate	95% Confidence Interval Lower	Upper
Difference	Eta-squared	.993	.980	.995
	Epsilon-squared	.992	.977	.994
	Omega-squared Fixed-effect	.991	.975	.994
	Omega-squared Random-effect	.975	.930	.983

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	.0032000*	.0002232	<.001	.002562	.003838
	15	.0069600*	.0002232	<.001	.006322	.007598
	20	.0101000*	.0002232	<.001	.009462	.010738
10	5	-.0032000*	.0002232	<.001	-.003838	-.002562
	15	.0037600*	.0002232	<.001	.003122	.004398
	20	.0069000*	.0002232	<.001	.006262	.007538
15	5	-.0069600*	.0002232	<.001	-.007598	-.006322
	10	-.0037600*	.0002232	<.001	-.004398	-.003122
	20	.0031400*	.0002232	<.001	.002502	.003778
20	5	-.0101000*	.0002232	<.001	-.010738	-.009462
	10	-.0069000*	.0002232	<.001	-.007538	-.006262
	15	-.0031400*	.0002232	<.001	-.003778	-.002502

*. 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	-.056400			
15	5		-.053260		
10	5			-.049500	
5	5				-.046300
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.