Oneway

Notes

Output Created		28-FEB-2022 22:55:43
Comments		
Input	Data	/Users/benjamin/Desktop/AP Research/21-22-PAS-AP-Research/Experiment 4/E4-Raw/E4-EA.csv
	Active Dataset	DataSet13
	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

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Difference	Based on Mean	1.275	3	16	.317
	Based on Median	.710	3	16	.560
	Based on Median and with adjusted df	.710	3	14.510	.561
	Based on trimmed mean	1.292	3	16	.311

ANOVA

Difference

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.032	3	.011	134236.803	<.001
Within Groups	.000	16	.000		
Total	.032	19			

ANOVA Effect Sizes[a]

		Point Estimate	95% Confidence Interval Lower	Upper
Difference	Eta-squared	1.000	1.000	1.000
	Epsilon-squared	1.000	1.000	1.000
	Omega-squared Fixed-effect	1.000	1.000	1.000
	Omega-squared Random-effect	1.000	1.000	1.000

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	.0616800*	.0001783	<.001	.061170	.062190
	15	.0907600*	.0001783	<.001	.090250	.091270
	20	.1038200*	.0001783	<.001	.103310	.104330
10	5	-.0616800*	.0001783	<.001	-.062190	-.061170
	15	.0290800*	.0001783	<.001	.028570	.029590
	20	.0421400*	.0001783	<.001	.041630	.042650
15	5	-.0907600*	.0001783	<.001	-.091270	-.090250
	10	-.0290800*	.0001783	<.001	-.029590	-.028570
	20	.0130600*	.0001783	<.001	.012550	.013570
20	5	-.1038200*	.0001783	<.001	-.104330	-.103310
	10	-.0421400*	.0001783	<.001	-.042650	-.041630
	15	-.0130600*	.0001783	<.001	-.013570	-.012550

*. 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	-.173760			
15	5		-.160700		
10	5			-.131620	
5	5				-.069940
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.