

Oneway

[DataSet4] \\Client\C\$\Users\admin_svercoutere\OneDrive - UGent\Doctoraat\analysis\analysis_experiment_3\statistics\refreshes.sav

Descriptives

interaction

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
content	1677	,16	,371	,009	,15	,18
random	1362	,20	,398	,011	,18	,22
sentiment	1508	,16	,364	,009	,14	,18
topics	1617	,15	,362	,009	,14	,17
Total	6164	,17	,373	,005	,16	,18

Descriptives

interaction

	Minimum	Maximum
content	0	1
random	0	1
sentiment	0	1
topics	0	1
Total	0	1

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
interaction	Based on Mean	14,654	3	6160	<,001
	Based on Median	3,859	3	6160	,009
	Based on Median and with adjusted df	3,859	3	6125,313	,009
	Based on trimmed mean	14,654	3	6160	<,001

ANOVA

interaction

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1,611	3	,537	3,859	,009
Within Groups	856,943	6160	,139		
Total	858,553	6163			

ANOVA Effect Sizes^{a,b}

			95% Confidence Interval	
Point Estimate			Lower	Upper
interaction	Eta-squared	,002	,000	,004
	Epsilon-squared	,001	,000	,004
	Omega-squared Fixed-effect	,001	,000	,004
	Omega-squared Random-effect	,000	,000	,001

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

b. Negative but less biased estimates are retained, not rounded to zero.

Post Hoc Tests

Multiple Comparisons

Dependent Variable: interaction

		Mean Difference (I-J)		Std. Error	Sig.	95% ...
		(I) condition_num	(J) condition_num			Lower Bound
Tukey HSD	content	random		-,032	,014	,084
		sentiment		,007	,013	,944
		topics		,010	,013	,869
	random	content		,032	,014	,084
		sentiment		,040 [*]	,014	,023
		topics		,042 [*]	,014	,011
	sentiment	content		-,007	,013	,944
		random		-,040 [*]	,014	,023
		topics		,003	,013	,998
	topics	content		-,010	,013	,869
		random		-,042 [*]	,014	,011
		sentiment		-,003	,013	,998

Multiple Comparisons

Dependent Variable: interaction

		95% ...
	(I) condition_num (J) condition_num	Upper Bound
Tukey HSD	content random	,00
	content sentiment	,04
	content topics	,04
	random content	,07
	random sentiment	,08
	random topics	,08
	sentiment content	,03
	sentiment random	,00
	sentiment topics	,04
	topics content	,02
	topics random	-,01
	topics sentiment	,03

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

Homogeneous Subsets

interaction

			Subset for alpha = 0.05	
	condition_num	N	1	2
Tukey HSD ^{a,b}	topics	1617	,15	
	sentiment	1508	,16	
	content	1677	,16	,16
	random	1362		,20
	Sig.		,881	,079
Tukey B ^{a,b}	topics	1617	,15	
	sentiment	1508	,16	
	content	1677	,16	
	random	1362		,20

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 1531,349.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.