

Oneway

Descriptives

divScore

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound
content	85	,31404189602	,07855980385	,00852100711	,29709693891
random	82	,35071567579	,05926239116	,00654443629	,33769430040
sentiment	81	,31411827431	,06616667367	,00735185263	,29948762131
topics	88	,32467724378	,06292395549	,00670771619	,31134493152
Total	336	,32579590550	,06848957802	,00373641280	,31844611769

Descriptives

divScore

	95% Confidence Interval for Mean Upper Bound	Minimum	Maximum
content	,33098685313	,12749580896	,53195936501
random	,36373705118	,23698433078	,50965101576
sentiment	,32874892731	,14616861105	,48485365135
topics	,33800955603	,17035687621	,47535124397
Total	,33314569331	,12749580896	,53195936501

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
divScore	Based on Mean	1,613	3	332	,186
	Based on Median	1,452	3	332	,228
	Based on Median and with adjusted df	1,452	3	302,665	,228
	Based on trimmed mean	1,574	3	332	,195

ANOVA

divScore

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,074	3	,025	5,455	,001
Within Groups	1,498	332	,005		
Total	1,571	335			

ANOVA Effect Sizes^{a,b}

			95% Confidence Interval	
Point Estimate			Lower	Upper
divScore	Eta-squared	,047	,008	,092
	Epsilon-squared	,038	-,001	,083
	Omega-squared Fixed-effect	,038	-,001	,083
	Omega-squared Random-effect	,013	,000	,029

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: divScore

	(I) condition_num	(J) condition_num	Mean Difference (I-J)	Std. Error	Sig.
Tukey HSD	content	random	-,0366737798 [*]	,01039612284	,003
		sentiment	-,0000763783	,01042873490	1,000
		topics	-,0106353478	,01021414006	,725
	random	content	,0366737798 [*]	,01039612284	,003
		sentiment	,0365974015 [*]	,01052140947	,003
		topics	,02603843201	,01030874399	,058
	sentiment	content	,00007637829	,01042873490	1,000
		random	-,0365974015 [*]	,01052140947	,003
		topics	-,0105589695	,01034163160	,737
	topics	content	,01063534776	,01021414006	,725
		random	-,0260384320	,01030874399	,058
		sentiment	,01055896947	,01034163160	,737

Multiple Comparisons

Dependent Variable: divScore

			95% Confidence Interval	
	(I) condition_num	(J) condition_num	Lower Bound	Upper Bound
Tukey HSD	content	random	-,0635175006	-,0098300590
		sentiment	-,0270043064	,02685154978
		topics	-,0370091727	,01573847720
	random	content	,00983005895	,06351750058
		sentiment	,00943017937	,06376462358
		topics	-,0005796688	,05265653280
	sentiment	content	-,0268515498	,02700430635
		random	-,0637646236	-,0094301794
		topics	-,0372619890	,01614405007
	topics	content	-,0157384772	,03700917271
		random	-,0526565328	,00057966878
		sentiment	-,0161440501	,03726198901

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

Homogeneous Subsets

divScore				
		N	Subset for alpha = 0.05	
	condition_num		1	2
Tukey HSD ^{a,b}	content	85	,31404189602	
	sentiment	81	,31411827431	
	topics	88	,32467724378	,32467724378
	random	82		,35071567579
	Sig.		,735	,060
Tukey B ^{a,b}	content	85	,31404189602	
	sentiment	81	,31411827431	
	topics	88	,32467724378	
	random	82		,35071567579

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 83,912.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.