Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig. [a,b]
1	The distribution of divScore divScore is the same across categories of condition_num.	Independent-Samples Kruskal-Wallis Test	<,001

Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.

a. The significance level is ,050.

b. Asymptotic significance is displayed.

Independent-Samples Kruskal-Wallis Test

Independent-Samples Kruskal-Wallis Test Summary

Total N	335
Test Statistic	59,662 [a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	<,001

a. The test statistic is adjusted for ties.

Pairwise Comparisons of condition_num

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig. [a]
random-content	1,510	15,034	,100	,920	1,000
random-sentiment	-49,714	15,171	-3,277	,001	,006
random-topics	-98,131	14,864	-6,602	<,001	,000
content-sentiment	-48,204	15,081	-3,196	,001	,008
content-topics	-96,621	14,772	-6,541	<,001	,000
sentiment-topics	-48,418	14,912	-3,247	,001	,007

Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same.

Asymptotic significances (2-sided tests) are displayed. The significance level is ,050.

a. Significance values have been adjusted by the Bonferroni correction for multiple tests.