

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig. ^{a,b}
1	The distribution of div_topic_select div_topic_selected is the same across categories of condition_num.	Independent-Samples Kruskal-Wallis Test	,085

Hypothesis Test Summary

	Decision
1	Retain 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	338
Test Statistic	6,633 ^a
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	,085

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
content-random	-9,618	13,290	-,724	,469	1,000
content-topics	-26,136	13,097	-1,996	,046	,276
content-sentiment	-29,549	13,331	-2,217	,027	,160
random-topics	-16,518	13,178	-1,253	,210	1,000
random-sentiment	-19,930	13,409	-1,486	,137	,823
topics-sentiment	3,412	13,219	,258	,796	1,000

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.