

Nonparametric Tests

Hypothesis Test Summary

	Null Hypothesis	Test	Sig. ^{a,b}
1	The distribution of ndcg ndcg is the same across categories of condition_int.	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

ndcg ndcg across condition_int

Independent-Samples Kruskal-Wallis Test Summary

Total N	4396
Test Statistic	112,749 ^a
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	<,001

a. The test statistic is adjusted for ties.

Pairwise Comparisons of condition_int

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig. ^a
random-content	400,303	52,427	7,635	<,001	,000
random-topics	-497,360	53,831	-9,239	<,001	,000
random-sentiment	-503,800	55,070	-9,148	<,001	,000
content-topics	-97,057	50,361	-1,927	,054	,324
content-sentiment	-103,497	51,683	-2,003	,045	,271
topics-sentiment	6,440	53,107	,121	,903	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.