

## Nonparametric Tests

### Notes

Output Created		24-MAR-2025 20:23:34
Comments		
Input	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	156
Syntax		NPTESTS /INDEPENDENT TEST (CDIIncidence) GROUP (Group) KRUSKAL_WALLIS (COMPARE=PAIRWISE) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0. 05 CILEVEL=95.
Resources	Processor Time	00:00:00.60
	Elapsed Time	00:00:00.00

### Hypothesis Test Summary

	Null Hypothesis	Test	Sig. <sup>a,b</sup>
1	The distribution of CDI Incidence is the same across categories of Group.	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.

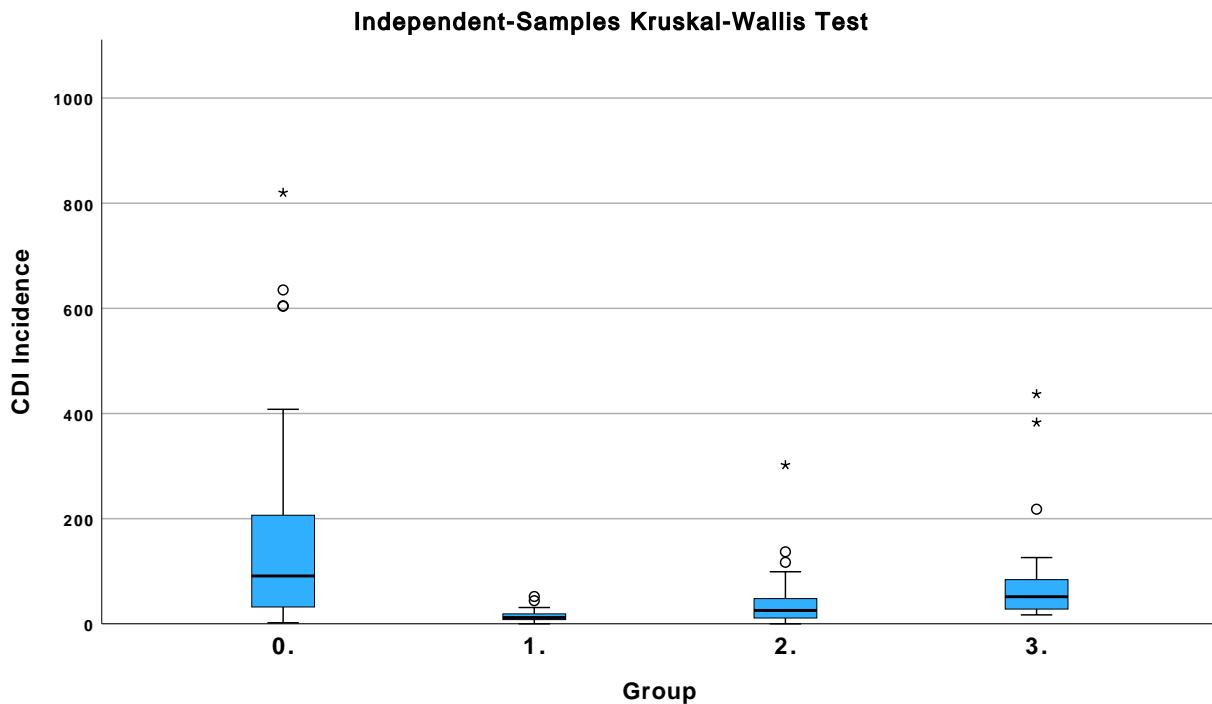
## Independent-Samples Kruskal-Wallis Test

### CDI Incidence across Group

### Independent-Samples Kruskal-Wallis Test Summary

Total N	156
Test Statistic	55.502 <sup>a</sup>
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	<.001

a. The test statistic is adjusted for ties.



### Pairwise Comparisons of Group

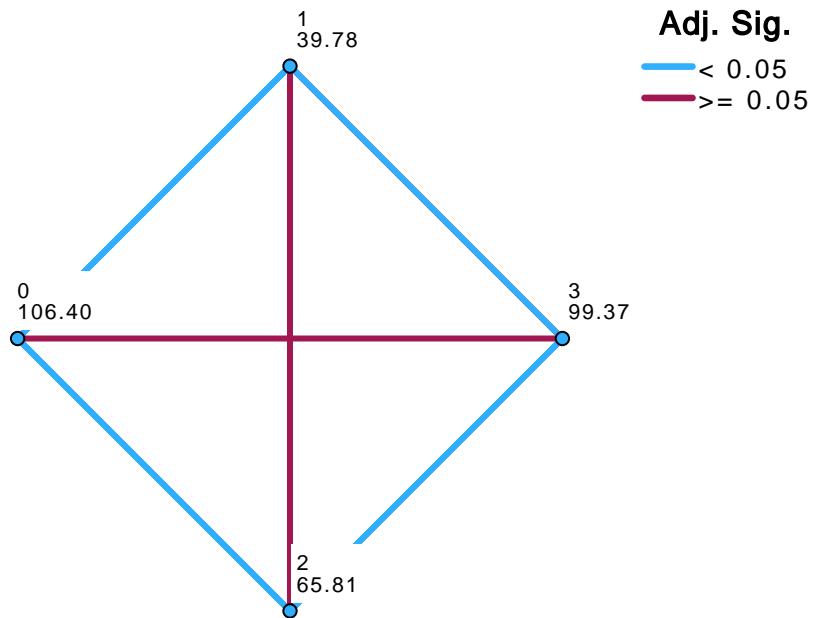
Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig. <sup>a</sup>
1 - 2	-26.026	10.185	-2.555	.011	.064
1 - 3	-59.582	11.560	-5.154	<.001	.000
1 - 0	66.618	9.755	6.829	<.001	.000
2 - 3	-33.556	11.272	-2.977	.003	.017
2 - 0	40.592	9.412	4.313	<.001	.000
3 - 0	7.037	10.885	.646	.518	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

### Pairwise Comparisons of Group



Each node shows the  
sample average rank of  
Group.

