

## Nonparametric Tests

[DataSet1] C:\Users\mack\Desktop\Scott-new\Book2ndEdition\SPSS\friedman-ex1.sav

### Hypothesis Test Summary

	Null Hypothesis	Test	Sig. <sup>a,b</sup>
1	The distributions of V1, V2, V3 and V4 are the same.	Related-Samples Kendall's Coefficient of Concordance	.034

### Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.

a. The significance level is .050.

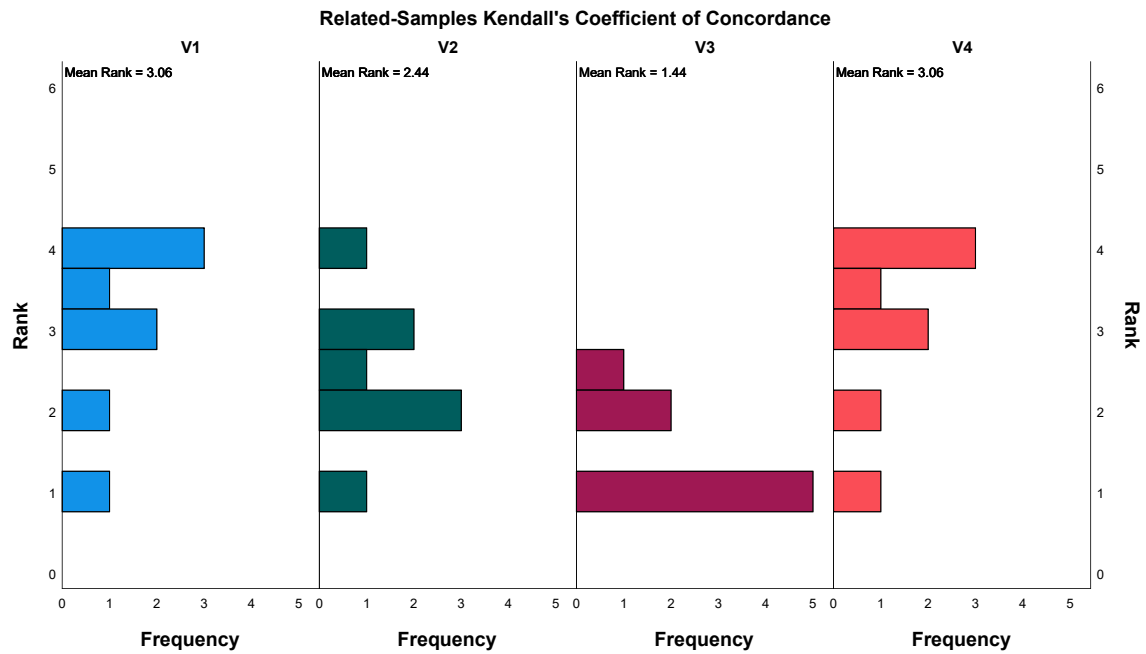
b. Asymptotic significance is displayed.

## Related-Samples Kendall's Coefficient of Concordance

V1, V2, V3, V4

### Related-Samples Kendall's Coefficient of Concordance Summary

Total N	8
Kendall's W	.362
Test Statistic	8.692
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.034



### Pairwise Comparisons

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig. <sup>a</sup>
V3-V2	1.000	.645	1.549	.121	.728
V3-V1	1.625	.645	2.517	.012	.071
V3-V4	-1.625	.645	-2.517	.012	.071
V2-V1	.625	.645	.968	.333	1.000
V2-V4	-.625	.645	-.968	.333	1.000
V1-V4	.000	.645	.000	1.000	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.



