

Obs	treatment	status	count	status2
1	Physician	NS	2	1
2	Self	NS	0	1
3	Physician	SS	2	2
4	Self	SS	1	2
5	Physician	VS	0	3
6	Self	VS	2	3

The FREQ Procedure

Frequency Expected	Table of treatment by status				
	treatment	status			Total
		NS	SS	VS	
Physician	2 1.1429	2 1.7143	0 1.1429	4	
Self	0 0.8571	1 1.2857	2 0.8571	3	
Total	2	3	2	7	

Statistics for Table of treatment by status

Statistic	DF	Value	Prob
Chi-Square	2	4.2778	0.1178
Likelihood Ratio Chi-Square	2	5.7416	0.0567
Mantel-Haenszel Chi-Square	1	3.5000	0.0614
Phi Coefficient		0.7817	
Contingency Coefficient		0.6159	
Cramer's V		0.7817	
WARNING: 100% of the cells have expected counts less than 5. (Asymptotic) Chi-Square may not be a valid test.			

Pearson Chi-Square Test	
Chi-Square	4.2778
DF	2
Asymptotic Pr > ChiSq	0.1178
Exact Pr >= ChiSq	0.3143

Sample Size = 7

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable status2 Classified by Variable treatment					
treatment	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Physician	4	11.0	16.0	2.672612	2.750000
Self	3	17.0	12.0	2.672612	5.666667
Average scores were used for ties.					

Wilcoxon Two-Sample Test	
Statistic (S)	17.0000
Normal Approximation	
Z	1.6837
One-Sided Pr > Z	0.0461
Two-Sided Pr > Z	0.0922
t Approximation	
One-Sided Pr > Z	0.0716
Two-Sided Pr > Z	0.1432
Z includes a continuity correction of 0.5.	

The NPAR1WAY Procedure

Monte Carlo Estimates for the Exact Test	
One-Sided Pr \geq S	
Estimate	0.0822
99% Lower Conf Limit	0.0722
99% Upper Conf Limit	0.0922
Two-Sided Pr \geq S - Mean 	
Estimate	0.1686
99% Lower Conf Limit	0.1550
99% Upper Conf Limit	0.1822
Number of Samples	5000
Initial Seed	789779001

Kruskal-Wallis Test	
Chi-Square	3.5000
DF	1
Pr > Chi-Square	0.0614

Obs	treatmnt	response	count
1	A	1	10
2	A	2	12
3	A	3	17
4	A	4	30
5	B	1	9
6	B	2	9
7	B	3	11
8	B	4	35
9	C	1	7
10	C	2	8
11	C	3	12
12	C	4	43

The FREQ Procedure

Frequency Expected	Table of treatmnt by response					
	treatmnt	response				Total
		1	2	3	4	
A	10 8.8374	12 9.8571	17 13.596	30 36.709	69	
B	9 8.197	9 9.1429	11 12.611	35 34.049	64	
C	7 8.9655	8 10	12 13.793	43 37.241	70	
Total	26	29	40	108	203	

Statistics for Table of treatmnt by response

Statistic	DF	Value	Prob
Chi-Square	6	4.9649	0.5483
Likelihood Ratio Chi-Square	6	4.9872	0.5455
Mantel-Haenszel Chi-Square	1	3.2009	0.0736
Phi Coefficient		0.1564	
Contingency Coefficient		0.1545	
Cramer's V		0.1106	

Pearson Chi-Square Test	
Chi-Square	4.9649
DF	6
Asymptotic Pr > ChiSq	0.5483
Exact Pr >= ChiSq	0.5552

Sample Size = 203

The NPARIWAY Procedure

Wilcoxon Scores (Rank Sums) for Variable response Classified by Variable treatmnt					
treatmnt	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
A	69	6395.50	7038.0	362.663528	92.688406
B	64	6553.50	6528.0	355.733139	102.398438
C	70	7757.00	7140.0	363.916526	110.814286
Average scores were used for ties.					

Kruskal-Wallis Test	
Chi-Square	3.9586
DF	2
Pr > Chi-Square	0.1382

Monte Carlo Estimate for the Exact Test	
Pr >= Chi-Square	
Estimate	0.1434
99% Lower Conf Limit	0.1306
99% Upper Conf Limit	0.1562
Number of Samples	5000
Initial Seed	791607001

The FREQ Procedure

Frequency	Table of treatment by response					
	treatment	response				Total
		1	2	3	4	
A	10	12	17	30	69	
B	9	9	11	35	64	
C	7	8	12	43	70	
Total	26	29	40	108	203	

Statistics for Table of treatment by response

Jonckheere-Terpstra Test	
Statistic (JT)	7686.5000
Z	1.9763
One-sided Pr > Z	0.0241
Two-sided Pr > Z	0.0481

Monte Carlo Estimates for the Exact Test	
One-sided Pr >= JT	
Estimate	0.0250
99% Lower Conf Limit	0.0193
99% Upper Conf Limit	0.0307
Two-sided Pr >= JT	
Estimate	0.0466
99% Lower Conf Limit	0.0389
99% Upper Conf Limit	0.0543
Number of Samples	5000
Initial Seed	791795001

Sample Size = 203