

Scoring systems comparison

Obs	group	y	vwy
1	1	7	-0.00000
2	1	15	0.96742
3	2	2	-0.96742
4	2	4	-0.43073
5	2	8	0.43073

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable y Classified by Variable group					
group	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	2	8.0	6.0	1.732051	4.000000
2	3	7.0	9.0	1.732051	2.333333

Wilcoxon Two-Sample Test	
Statistic	8.0000
Normal Approximation	
Z	0.8660
One-Sided Pr > Z	0.1932
Two-Sided Pr > Z 	0.3865
t Approximation	
One-Sided Pr > Z	0.2177
Two-Sided Pr > Z 	0.4353
Z includes a continuity correction of 0.5.	

Kruskal-Wallis Test	
Chi-Square	1.3333
DF	1
Pr > Chi-Square	0.2482

The NPAR1WAY Procedure

Van der Waerden Scores (Normal) for Variable y Classified by Variable group					
group	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	2	0.967422	0.0	0.820279	0.483711
2	3	-0.967422	0.0	0.820279	-0.322474

Van der Waerden Two-Sample Test	
Statistic	0.9674
Z	1.1794
One-Sided Pr > Z	0.1191
Two-Sided Pr > Z	0.2382

Van der Waerden One-Way Analysis	
Chi-Square	1.3909
DF	1
Pr > Chi-Square	0.2382

The NPARIWAY Procedure

Data Scores for Variable y Classified by Variable group					
group	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	2	22.0	14.40	5.444263	11.000000
2	3	14.0	21.60	5.444263	4.666667

Data Scores Two-Sample Test	
Statistic	22.0000
Z	1.3960
One-Sided Pr > Z	0.0814
Two-Sided Pr > Z 	0.1627

Data Scores One-Way Analysis	
Chi-Square	1.9487
DF	1
Pr > Chi-Square	0.1627