Table of A by B

A	B			
Frequency| Percent | Row Pct | Col Pct	1	2	3	Total
1	16 5.46 9.47 47.06	20 6.83 11.83 24.69	133 45.39 78.70 74.72	169 57.68
2	18 6.14 14.52 52.94	61 20.82 49.19 75.31	45 15.36 36.29 25.28	124 42.32
Total	34 11.60	81 27.65	178 60.75	293 100.00

Statistics for Table of A by B

Statistic	DF	Value	Prob
Chi-Square	2	58.8533	<.0001
Likelihood Ratio Chi-Square	2	60.4019	<.0001
Mantel-Haenszel Chi-Square	1	33.3038	<.0001
Phi Coefficient		0.4482	
Contingency Coefficient		0.4090	
Cramer's V		0.4482	

Pearson Chi-Square Test

Chi-Square	58.8533
DF	2
Asymptotic Pr > ChiSq	<.0001

Monte Carlo Estimate for the Exact Test

Pr >= ChiSq	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	415658000

Likelihood Ratio Chi-Square Test

Chi-Square	60.4019
DF	2
Asymptotic Pr > ChiSq	<.0001

Monte Carlo Estimate for the Exact Test

Pr >= ChiSq	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	610074620

Mantel-Haenszel Chi-Square Test

Chi-Square	33.3038
DF	1
Asymptotic Pr > ChiSq	<.0001

Monte Carlo Estimate for the Exact Test

Pr >= ChiSq	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	1475541945

Fisher's Exact Test

Table Probability (P)	1.553E-15

Monte Carlo Estimate for the Exact Test

Pr <= P	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	1296423074

Statistic	Value	ASE
Gamma	-0.6144	0.0717
Kendall's Tau-b	-0.3749	0.0537
Stuart's Tau-c	-0.3854	0.0552
Somers' D C|R	-0.3947	0.0561
Somers' D R|C	-0.3561	0.0522
Pearson Correlation	-0.3377	0.0566
Spearman Correlation	-0.3892	0.0554
Lambda Asymmetric C|R	0.1391	0.0831
Lambda Asymmetric R|C	0.3468	0.0699
Lambda Symmetric	0.2469	0.0686
Uncertainty Coefficient C|R	0.1135	0.0277
Uncertainty Coefficient R|C	0.1513	0.0368
Uncertainty Coefficient Symmetric	0.1297	0.0315

Cochran-Armitage Trend Test

Statistic (Z)	5.7808
One-sided Pr > Z	<.0001
Two-sided Pr > |Z|	<.0001

Monte Carlo Estimates for the Exact Test

One-sided Pr >= Z	
Estimate	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Two-sided Pr >= |Z|	
Estimate	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	707869993

Jonckheere-Terpstra Test

Statistic (JT)	6342.5000
Z	-6.6506
One-sided Pr < Z	<.0001
Two-sided Pr > |Z|	<.0001

Monte Carlo Estimates for the Exact Test

One-sided Pr <= JT	
Estimate	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Two-sided Pr >= |JT|	
Estimate	0.0000
99% Lower Conf Limit	0.0000
99% Upper Conf Limit	4.605E-06
Number of Samples	1000000
Initial Seed	1705211714

Sample Size = 293

Summary Statistics for A by B

Cochran-Mantel-Haenszel Statistics (Based on Table Scores)

Statistic	Alternative Hypothesis	DF	Value	Prob
1	Nonzero Correlation	1	33.3038	<.0001
2	Row Mean Scores Differ	1	33.3038	<.0001
3	General Association	2	58.6525	<.0001

Total Sample Size = 293