

APPENDIX 24: A COMPARISON BETWEEN RESPONSES RECEIVED BY MAIL AND THOSE SOLICITED BY TELEPHONE

THE SAS SYSTEM

16:19 Tuesday, December 5, 1995

USERS

QUESTION 1

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	0	2	2
3	1	0	1
4	8	3	11
5	1	4	5
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	7.040	0.071
Likelihood Ratio Chi-Square	3	8.392	0.039
Mantel-Haenszel Chi-Square	1	0.000	1.000
Fisher's Exact Test (2-Tail)			0.053
Phi Coefficient		0.609	
Contingency Coefficient		0.520	
Cramer's V		0.609	

Sample Size = 19

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS

QUESTION 2

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
3	1	1	2
4	8	2	10
5	1	6	7
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	7.139	0.028
Likelihood Ratio Chi-Square	2	7.765	0.021
Mantel-Haenszel Chi-Square	1	3.425	0.064
Fisher's Exact Test (2-Tail)			0.014 < 5%
Phi Coefficient		0.613	
Contingency Coefficient		0.523	
Cramer's V		0.613	

Sample Size = 19

WARNING: 83% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS

QUESTION 3

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
3	1	1	2
4	8	3	11
5	1	5	6
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	4.900	0.086
Likelihood Ratio Chi-Square	2	5.217	0.074
Mantel-Haenszel Chi-Square	1	2.353	0.125
Fisher's Exact Test (2-Tail)			0.068
Phi Coefficient		0.508	
Contingency Coefficient		0.453	
Cramer's V		0.508	

Sample Size = 19

WARNING: 67% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 4

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	1	0	1
3	1	2	3
4	6	2	8
5	2	5	7
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	4.579	0.205
Likelihood Ratio Chi-Square	3	5.095	0.165
Mantel-Haenszel Chi-Square	1	1.161	0.281
Fisher's Exact Test (2-Tail)			0.222
Phi Coefficient		0.491	
Contingency Coefficient		0.441	
Cramer's V		0.491	

Sample Size = 19

WARNING: 100% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 5

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
3	1	1	2
4	7	4	11
5	2	4	6
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	1.436	0.488
Likelihood Ratio Chi-Square	2	1.456	0.483
Mantel-Haenszel Chi-Square	1	0.649	0.421
Fisher's Exact Test (2-Tail)			0.650
Phi Coefficient		0.275	
Contingency Coefficient		0.265	
Cramer's V		0.275	

Sample Size = 19

WARNING: 67% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS

QUESTION 6a

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
4	6	3	9
5	4	6	10
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	1	1.351	0.245
Likelihood Ratio Chi-Square	1	1.369	0.242
Continuity Adj. Chi-Square	1	0.493	0.483
Mantel-Haenszel Chi-Square	1	1.280	0.258
Fisher's Exact Test (Left)			0.949
(Right)			0.242
(2-Tail)			0.370
Phi Coefficient		0.267	
Contingency Coefficient		0.258	
Cramer's V		0.267	

Sample Size = 19

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 6b

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	0	2
4	6	1	7
5	2	8	10
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	9.144	0.010
Likelihood Ratio Chi-Square	2	10.537	0.005
Mantel-Haenszel Chi-Square	1	6.277	0.012
Fisher's Exact Test (2-Tail)			7.26E-03 < 5%
Phi Coefficient		0.694	
Contingency Coefficient		0.570	
Cramer's V		0.694	

Sample Size = 19

WARNING: 83% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 6c

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	1	0	1
3	3	1	4
4	5	4	9
5	1	4	5
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	3.869	0.276
Likelihood Ratio Chi-Square	3	4.419	0.220
Mantel-Haenszel Chi-Square	1	3.541	0.060
Fisher's Exact Test (2-Tail)			0.332
Phi Coefficient		0.451	
Contingency Coefficient		0.411	
Cramer's V		0.451	

Sample Size = 19

WARNING: 100% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS

QUESTION 6d

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	0	2
3	2	1	3
4	5	4	9
5	1	4	5
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	4.203	0.240
Likelihood Ratio Chi-Square	3	5.099	0.165
Mantel-Haenszel Chi-Square	1	3.750	0.053
Fisher's Exact Test (2-Tail)			0.332
Phi Coefficient		0.470	
Contingency Coefficient		0.426	
Cramer's V		0.470	

Sample Size = 19

WARNING: 100% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 6e

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		
Frequency	1	2	Total
2	3	0	3
3	0	1	1
4	5	3	8
5	2	5	7
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	5.749	0.124
Likelihood Ratio Chi-Square	3	7.326	0.062
Mantel-Haenszel Chi-Square	1	3.040	0.081
Fisher's Exact Test (2-Tail)			0.133
Phi Coefficient		0.550	
Contingency Coefficient		0.482	
Cramer's V		0.550	

Sample Size = 19

WARNING: 100% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

USERS
QUESTION 6f

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		
Frequency	1	2	Total
2	2	1	3
4	7	3	10
5	1	5	6
Total	10	9	19

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	4.560	0.102
Likelihood Ratio Chi-Square	2	4.844	0.089
Mantel-Haenszel Chi-Square	1	1.900	0.168
Fisher's Exact Test (2-Tail)			0.127
Phi Coefficient		0.490	
Contingency Coefficient		0.440	
Cramer's V		0.490	

Sample Size = 19

WARNING: 83% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 1

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
	1	2	
Frequency			
2	0	2	2
3	0	5	5
4	7	15	22
5	1	12	13
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	5.061	0.167
Likelihood Ratio Chi-Square	3	6.328	0.097
Mantel-Haenszel Chi-Square	1	0.014	0.906
Fisher's Exact Test (2-Tail)			0.259
Phi Coefficient		0.347	
Contingency Coefficient		0.328	
Cramer's V		0.347	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 2

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	0	3	3
2	2	7	9
3	1	5	6
4	4	13	17
5	1	6	7
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	1.111	0.892
Likelihood Ratio Chi-Square	4	1.667	0.797
Mantel-Haenszel Chi-Square	1	0.096	0.757
Fisher's Exact Test (2-Tail)			1.000
Phi Coefficient		0.163	
Contingency Coefficient		0.161	
Cramer's V		0.163	

Sample Size = 42

WARNING: 70% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 3

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	0	1	1
2	0	5	5
3	1	3	4
4	6	20	26
5	1	5	6
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	1.799	0.773
Likelihood Ratio Chi-Square	4	2.905	0.574
Mantel-Haenszel Chi-Square	1	0.769	0.380
Fisher's Exact Test (2-Tail)			0.875
Phi Coefficient		0.207	
Contingency Coefficient		0.203	
Cramer's V		0.207	

Sample Size = 42

WARNING: 90% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 4

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
	1	2	
Frequency			
2	0	3	3
3	1	6	7
4	6	19	25
5	1	6	7
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.309	0.727
Likelihood Ratio Chi-Square	3	1.863	0.601
Mantel-Haenszel Chi-Square	1	0.329	0.566
Fisher's Exact Test (2-Tail)			1.000
Phi Coefficient		0.177	
Contingency Coefficient		0.174	
Cramer's V		0.177	

Sample Size = 42

WARNING: 63% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 5

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	0	1	1
2	0	2	2
3	0	5	5
4	7	21	28
5	1	5	6
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	2.548	0.636
Likelihood Ratio Chi-Square	4	4.003	0.406
Mantel-Haenszel Chi-Square	1	1.071	0.301
Fisher's Exact Test (2-Tail)			0.842
Phi Coefficient		0.246	
Contingency Coefficient		0.239	
Cramer's V		0.246	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6a

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	0	2	2
3	1	2	3
4	5	21	26
5	2	9	11
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.874	0.832
Likelihood Ratio Chi-Square	3	1.194	0.754
Mantel-Haenszel Chi-Square	1	0.017	0.897
Fisher's Exact Test (2-Tail)			0.893
Phi Coefficient		0.144	
Contingency Coefficient		0.143	
Cramer's V		0.144	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6b

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	0	1	1
2	1	2	3
4	5	18	23
5	2	13	15
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.058	0.787
Likelihood Ratio Chi-Square	3	1.216	0.749
Mantel-Haenszel Chi-Square	1	0.235	0.628
Fisher's Exact Test (2-Tail)			0.665
Phi Coefficient		0.159	
Contingency Coefficient		0.157	
Cramer's V		0.159	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6c

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	0	1	1
2	1	3	4
3	1	7	8
4	5	19	24
5	1	4	5
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	0.602	0.963
Likelihood Ratio Chi-Square	4	0.806	0.938
Mantel-Haenszel Chi-Square	1	0.084	0.771
Fisher's Exact Test (2-Tail)			1.000
Phi Coefficient		0.120	
Contingency Coefficient		0.119	
Cramer's V		0.120	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6d

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	1	4	5
3	1	5	6
4	5	19	24
5	1	6	7
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.178	0.981
Likelihood Ratio Chi-Square	3	0.185	0.980
Mantel-Haenszel Chi-Square	1	0.017	0.897
Fisher's Exact Test (2-Tail)			1.000
Phi Coefficient		0.065	
Contingency Coefficient		0.065	
Cramer's V		0.065	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6e

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	0	7	7
3	1	3	4
4	7	21	28
5	0	3	3
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	3.088	0.378
Likelihood Ratio Chi-Square	3	4.911	0.178
Mantel-Haenszel Chi-Square	1	0.737	0.391
Fisher's Exact Test (2-Tail)			0.470
Phi Coefficient		0.271	
Contingency Coefficient		0.262	
Cramer's V		0.271	

Sample Size = 42

WARNING: 63% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

AUDITORS AND MANAGERS
QUESTION 6f

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
	1	2	
Frequency			
1	0	2	2
2	2	7	9
3	3	8	11
4	3	11	14
5	0	6	6
Total	8	34	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	2.475	0.649
Likelihood Ratio Chi-Square	4	3.927	0.416
Mantel-Haenszel Chi-Square	1	0.271	0.603
Fisher's Exact Test (2-Tail)			0.796
Phi Coefficient		0.243	
Contingency Coefficient		0.236	
Cramer's V		0.243	

Sample Size = 42

WARNING: 70% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

APPENDIX 25: FISCHER'S EXACT TEST OF DIFFERENCES BETWEEN THE RESPONSES OF THE THREE GROUPS IN THE SECOND STUDY

1 The SAS System 67
15:42 Tuesday, December 12, 1995

QUESTION 1 AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	7
2	5	2	6
3	4	1	11
4	4	2	11
5	3	1	3
6	3	2	2
7	2	1	2
8	2	2	0

1 The SAS System 68
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	0	2
3	3	2	5
4	11	11	22
5	7	6	13
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.913	0.591
Likelihood Ratio Chi-Square	3	2.669	0.445
Mantel-Haenszel Chi-Square	1	0.738	0.390
Fisher's Exact Test (2-Tail)			0.796
Phi Coefficient		0.213	
Contingency Coefficient		0.209	
Cramer's V		0.213	

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 69
15:42 Tuesday, December 12, 1995

QUESTION 1 AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	7

2	5	2	5
3	4	1	11
4	4	2	11
5	3	1	3
6	3	2	1
7	2	1	2
8	2	2	2

1 The SAS System 70
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	2	4
3	3	1	4
4	11	11	22
5	7	5	12
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.961	0.811
Likelihood Ratio Chi-Square	3	1.000	0.801
Mantel-Haenszel Chi-Square	1	0.000	1.000
Fisher's Exact Test (2-Tail)			0.858
Phi Coefficient		0.151	
Contingency Coefficient		0.150	
Cramer's V		0.151	

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 71
15:42 Tuesday, December 12, 1995

QUESTION 1 MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	6
2	5	2	5
3	4	1	11
4	4	2	11
5	3	1	2
6	3	2	1
7	2	1	0
8	2	2	2

1 The SAS System 72
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	0	2	2
3	2	1	3
4	11	11	22
5	6	5	11
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	2.424	0.489
Likelihood Ratio Chi-Square	3	3.203	0.361
Mantel-Haenszel Chi-Square	1	0.722	0.396
Fisher's Exact Test (2-Tail)			0.660
Phi Coefficient		0.253	
Contingency Coefficient		0.245	
Cramer's V		0.253	

Sample Size = 38

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 73
15:42 Tuesday, December 12, 1995

QUESTION 2	AUDITORS	VS MANAGERS		
	OBS	TELLING	BELPOS	WT
	1	5	1	4
	2	5	2	3
	3	4	1	9
	4	4	2	8
	5	3	1	3
	6	3	2	3
	7	2	1	4
	8	2	2	5
	9	1	1	3
	10	1	2	0

1 The SAS System 74
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	3	0	3

2	4	5	9
3	3	3	6
4	9	8	17
5	4	3	7
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	2.959	0.565
Likelihood Ratio Chi-Square	4	4.091	0.394
Mantel-Haenszel Chi-Square	1	0.204	0.651
Fisher's Exact Test (2-Tail)			0.651
Phi Coefficient		0.265	
Contingency Coefficient		0.257	
Cramer's V		0.265	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

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The SAS System 75
15:42 Tuesday, December 12, 1995

QUESTION 2	AUDITORS	VS	USERS		
	OBS		TELLING	BELPOS	WT
	1		5	1	4
	2		5	2	4
	3		4	1	9
	4		4	2	13
	5		3	1	3
	6		3	2	2
	7		2	1	4
	8		2	2	0
	9		1	1	3
	10		1	2	0

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The SAS System 76
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS			Total
Frequency	1	2		
1	3	0		3
2	4	0		4
3	3	2		5
4	9	13		22

	5	4	4	8
Total		23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	7.615	0.107
Likelihood Ratio Chi-Square	4	10.255	0.036
Mantel-Haenszel Chi-Square	1	5.331	0.021
Fisher's Exact Test (2-Tail)			0.112
Phi Coefficient		0.426	
Contingency Coefficient		0.392	
Cramer's V		0.426	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 77
15:42 Tuesday, December 12, 1995

QUESTION 2 MANAGERS VS USERS

	OBS	TELLING	BELPOS	WT
	1	5	1	3
	2	5	2	4
	3	4	1	8
	4	4	2	13
	5	3	1	3
	6	3	2	2
	7	2	1	5
	8	2	2	0

1 The SAS System 78
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	5	0	5
3	3	2	5
4	8	13	21
5	3	4	7
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	6.533	0.088

Likelihood Ratio Chi-Square 3 8.478 0.037
 Mantel-Haenszel Chi-Square 1 4.625 0.032
 Fisher's Exact Test (2-Tail) 0.093
 Phi Coefficient 0.415
 Contingency Coefficient 0.383
 Cramer's V 0.415

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 85
 15:42 Tuesday, December 12, 1995

QUESTION 3 AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	4
2	5	2	2
3	4	1	12
4	4	2	14
5	3	1	2
6	3	2	2
7	2	1	4
8	2	2	1
9	1	1	1
10	1	2	0

1 The SAS System 80
 15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	4	1	5
3	2	2	4
4	12	14	26
5	4	2	6
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	3.269	0.514
Likelihood Ratio Chi-Square	4	3.766	0.439
Mantel-Haenszel Chi-Square	1	0.966	0.326
Fisher's Exact Test (2-Tail)			0.566
Phi Coefficient		0.279	
Contingency Coefficient		0.269	
Cramer's V		0.279	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 81
15:42 Tuesday, December 12, 1995

QUESTION 3 AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	4
2	5	2	6
3	4	1	12
4	4	2	11
5	3	1	2
6	3	2	2
7	2	1	4
8	2	2	0
9	1	1	1
10	1	2	0

1 The SAS System 82
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	4	0	4
3	2	2	4
4	12	11	23
5	4	6	10
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	5.109	0.276
Likelihood Ratio Chi-Square	4	6.996	0.136
Mantel-Haenszel Chi-Square	1	4.023	0.045
Fisher's Exact Test (2-Tail)			0.303
Phi Coefficient		0.349	
Contingency Coefficient		0.329	
Cramer's V		0.349	

Sample Size = 42

WARNING: 70% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 83
15:42 Tuesday, December 12, 1995

QUESTION 3 MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	2
2	5	2	6
3	4	1	14
4	4	2	11
5	3	1	2
6	3	2	2
7	2	1	1
8	2	2	0

1 The SAS System 84
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	1	0	1
3	2	2	4
4	14	11	25
5	2	6	8
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	3.360	0.339
Likelihood Ratio Chi-Square	3	3.840	0.279
Mantel-Haenszel Chi-Square	1	2.205	0.138
Fisher's Exact Test (2-Tail)			0.351
Phi Coefficient		0.297	
Contingency Coefficient		0.285	
Cramer's V		0.297	

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 87
15:42 Tuesday, December 12, 1995

QUESTION 4 AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	5
2	5	2	2
3	4	1	13
4	4	2	12

5	3	1	2
6	3	2	5
7	2	1	3
8	2	2	0

1

The SAS System 88
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		
Frequency	1	2	Total
2	3	0	3
3	2	5	7
4	13	12	25
5	5	2	7
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	5.278	0.153
Likelihood Ratio Chi-Square	3	6.474	0.091
Mantel-Haenszel Chi-Square	1	0.013	0.910
Fisher's Exact Test (2-Tail)			0.170
Phi Coefficient		0.355	
Contingency Coefficient		0.334	
Cramer's V		0.355	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

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The SAS System 89
15:42 Tuesday, December 12, 1995

QUESTION 4	AUDITORS	VS	USERS	
	OBS	TELLING	BELPOS	WT
	1	5	1	5
	2	5	2	7
	3	4	1	13
	4	4	2	8
	5	3	1	2
	6	3	2	3
	7	2	1	3
	8	2	2	1

1

The SAS System 90
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS
---------	--------

Frequency	1	2	Total
2	3	1	4
3	2	3	5
4	13	8	21
5	5	7	12
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	2.364	0.500
Likelihood Ratio Chi-Square	3	2.403	0.493
Mantel-Haenszel Chi-Square	1	0.719	0.397
Fisher's Exact Test (2-Tail)			0.537
Phi Coefficient		0.237	
Contingency Coefficient		0.231	
Cramer's V		0.237	

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 91
15:42 Tuesday, December 12, 1995

QUESTION 4	MANAGERS VS	USERS		
	OBS	TELLING	BELPOS	WT
	1	5	1	2
	2	5	2	7
	3	4	1	12
	4	4	2	8
	5	3	1	5
	6	3	2	3
	7	2	1	0
	8	2	2	1

1 The SAS System 92
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	0	1	1
3	5	3	8
4	12	8	20
5	2	7	9

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-----+-----+-----+
Total                19         19         38
    
```

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	5.078	0.166
Likelihood Ratio Chi-Square	3	5.639	0.131
Mantel-Haenszel Chi-Square	1	1.161	0.281
Fisher's Exact Test (2-Tail)			0.137
Phi Coefficient		0.366	
Contingency Coefficient		0.343	
Cramer's V		0.366	

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 93
15:42 Tuesday, December 12, 1995

QUESTION 5 AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	5
2	5	2	1
3	4	1	12
4	4	2	16
5	3	1	3
6	3	2	2
7	2	1	2
8	2	2	0
9	1	1	1
10	1	2	0

1 The SAS System 94
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	2	0	2
3	3	2	5
4	12	16	28
5	5	1	6
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	6.113	0.191
Likelihood Ratio Chi-Square	4	7.463	0.113
Mantel-Haenszel Chi-Square	1	0.427	0.514
Fisher's Exact Test (2-Tail)			0.177
Phi Coefficient		0.381	
Contingency Coefficient		0.356	
Cramer's V		0.381	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 95
15:42 Tuesday, December 12, 1995

QUESTION 5 AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	5
2	5	2	6
3	4	1	12
4	4	2	11
5	3	1	3
6	3	2	2
7	2	1	2
8	2	2	0
9	1	1	1
10	1	2	0

1 The SAS System 96
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1 1 0	1	0	1
2 2 0	2	0	2
3 3 2	3	2	5
4 12 11	12	11	23
5 5 6	5	6	11
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	2.980	0.561
Likelihood Ratio Chi-Square	4	4.113	0.391
Mantel-Haenszel Chi-Square	1	2.369	0.124
Fisher's Exact Test (2-Tail)			0.774

Phi Coefficient 0.266
 Contingency Coefficient 0.257
 Cramer's V 0.266

Sample Size = 42

WARNING: 70% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 97
 15:42 Tuesday, December 12, 1995

QUESTION 5 MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	1
2	5	2	6
3	4	1	16
4	4	2	11
5	3	1	2
6	3	2	2

1 The SAS System 98
 15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
3	2	2	4
4	16	11	27
5	1	6	7
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	4.497	0.106
Likelihood Ratio Chi-Square	2	4.894	0.087
Mantel-Haenszel Chi-Square	1	2.262	0.133
Fisher's Exact Test (2-Tail)			0.149
Phi Coefficient		0.344	
Contingency Coefficient		0.325	
Cramer's V		0.344	

Sample Size = 38

WARNING: 67% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 99
 15:42 Tuesday, December 12, 1995

QUESTION 6A AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
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1	5	1	7
2	5	2	4
3	4	1	13
4	4	2	13
5	3	1	1
6	3	2	2
7	2	1	2
8	2	2	0

1

The SAS System 100
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	0	2
3	1	2	3
4	13	13	26
5	7	4	11
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	2.796	0.424
Likelihood Ratio Chi-Square	3	3.559	0.313
Mantel-Haenszel Chi-Square	1	0.007	0.935
Fisher's Exact Test (2-Tail)			0.559
Phi Coefficient		0.258	
Contingency Coefficient		0.250	
Cramer's V		0.258	

Sample Size = 42

WARNING: 63% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1

The SAS System 101
15:42 Tuesday, December 12, 1995

QUESTION 6A AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	7
2	5	2	10
3	4	1	13
4	4	2	9
5	3	1	1
6	3	2	0
7	2	1	2
8	2	2	0

1

The SAS System 102

15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	0	2
3	1	0	1
4	13	9	22
5	7	10	17
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	3.911	0.271
Likelihood Ratio Chi-Square	3	5.041	0.169
Mantel-Haenszel Chi-Square	1	3.648	0.056
Fisher's Exact Test (2-Tail)			0.316
Phi Coefficient		0.305	
Contingency Coefficient		0.292	
Cramer's V		0.305	

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 103
15:42 Tuesday, December 12, 1995

QUESTION 6A MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	4
2	5	2	10
3	4	1	13
4	4	2	9
5	3	1	2
6	3	2	0

1 The SAS System 104
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
3	2	0	2
4	13	9	22

	5	4	10	14
Total	19	19	38	

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	5.299	0.071
Likelihood Ratio Chi-Square	2	6.160	0.046
Mantel-Haenszel Chi-Square	1	5.103	0.024
Fisher's Exact Test (2-Tail)			0.055
Phi Coefficient		0.373	
Contingency Coefficient		0.350	
Cramer's V		0.373	

Sample Size = 38

WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 105
15:42 Tuesday, December 12, 1995

QUESTION 6B AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	7
2	5	2	8
3	4	1	13
4	4	2	10
5	2	1	2
6	2	2	1
7	1	1	1
8	1	2	0

1 The SAS System 106
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	2	1	3
4	13	10	23
5	7	8	15
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.423	0.700

Likelihood Ratio Chi-Square 3 1.804 0.614
 Mantel-Haenszel Chi-Square 1 1.211 0.271
 Fisher's Exact Test (2-Tail) 0.942
 Phi Coefficient 0.184
 Contingency Coefficient 0.181
 Cramer's V 0.184

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 107
 15:42 Tuesday, December 12, 1995

QUESTION 6B AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	7
2	5	2	6
3	4	1	13
4	4	2	10
5	2	1	2
6	2	2	3
7	1	1	1
8	1	2	0

1 The SAS System 108
 15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	2	3	5
4	13	10	23
5	7	6	13
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.299	0.729
Likelihood Ratio Chi-Square	3	1.676	0.642
Mantel-Haenszel Chi-Square	1	0.000	1.000
Fisher's Exact Test (2-Tail)			0.948
Phi Coefficient		0.176	
Contingency Coefficient		0.173	
Cramer's V		0.176	

Sample Size = 42

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 109
15:42 Tuesday, December 12, 1995

QUESTION 6B MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	8
2	5	2	6
3	4	1	10
4	4	2	10
5	2	1	1
6	2	2	3

1 The SAS System 110
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	1	3	4
4	10	10	20
5	8	6	14
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	2	1.286	0.526
Likelihood Ratio Chi-Square	2	1.333	0.513
Mantel-Haenszel Chi-Square	1	1.207	0.272
Fisher's Exact Test (2-Tail)			0.591
Phi Coefficient		0.184	
Contingency Coefficient		0.181	
Cramer's V		0.184	

Sample Size = 38

WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 111
15:42 Tuesday, December 12, 1995

QUESTION 6C AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	2
2	5	2	3
3	4	1	15
4	4	2	9
5	3	1	3
6	3	2	5

7	2	1	2
8	2	2	2
9	1	1	1
10	1	2	0

1

The SAS System 112
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	2	2	4
3	3	5	8
4	15	9	24
5	2	3	5
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	2.845	0.584
Likelihood Ratio Chi-Square	4	3.227	0.521
Mantel-Haenszel Chi-Square	1	0.013	0.909
Fisher's Exact Test (2-Tail)			0.635
Phi Coefficient		0.260	
Contingency Coefficient		0.252	
Cramer's V		0.260	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

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The SAS System 113
15:42 Tuesday, December 12, 1995

QUESTION 6C AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	2
2	5	2	5
3	4	1	15
4	4	2	9
5	3	1	3
6	3	2	4
7	2	1	2
8	2	2	1
9	1	1	1
10	1	2	0

1

The SAS System 114
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	1	0	1
2	2	1	3
3	3	4	7
4	15	9	24
5	2	5	7
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	3.916	0.417
Likelihood Ratio Chi-Square	4	4.332	0.363
Mantel-Haenszel Chi-Square	1	1.124	0.289
Fisher's Exact Test (2-Tail)			0.451
Phi Coefficient		0.305	
Contingency Coefficient		0.292	
Cramer's V		0.305	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 115
15:42 Tuesday, December 12, 1995

QUESTION 6C MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	3
2	5	2	5
3	4	1	9
4	4	2	9
5	3	1	5
6	3	2	4
7	2	1	2
8	2	2	1

1 The SAS System 116
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	1	3

3	5	4	9
4	9	9	18
5	3	5	8
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.944	0.815
Likelihood Ratio Chi-Square	3	0.956	0.812
Mantel-Haenszel Chi-Square	1	0.878	0.349
Fisher's Exact Test (2-Tail)			0.862
Phi Coefficient		0.158	
Contingency Coefficient		0.156	
Cramer's V		0.158	

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 117
15:42 Tuesday, December 12, 1995

QUESTION 6D AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	4
2	5	2	3
3	4	1	14
4	4	2	10
5	3	1	2
6	3	2	4
7	2	1	3
8	2	2	2

1 The SAS System 118
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	3	2	5
3	2	4	6
4	14	10	24
5	4	3	7
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.307	0.727
Likelihood Ratio Chi-Square	3	1.313	0.726
Mantel-Haenszel Chi-Square	1	0.109	0.741
Fisher's Exact Test (2-Tail)			0.760
Phi Coefficient		0.176	
Contingency Coefficient		0.174	
Cramer's V		0.176	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1

The SAS System 119
15:42 Tuesday, December 12, 1995

QUESTION 6D AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	4
2	5	2	5
3	4	1	14
4	4	2	9
5	3	1	2
6	3	2	3
7	2	1	3
8	2	2	2

1

The SAS System 120
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	3	2	5
3	2	3	5
4	14	9	23
5	4	5	9
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	1.228	0.746
Likelihood Ratio Chi-Square	3	1.228	0.746
Mantel-Haenszel Chi-Square	1	0.061	0.805
Fisher's Exact Test (2-Tail)			0.789
Phi Coefficient		0.171	
Contingency Coefficient		0.169	

Cramer's V

0.171

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 121
15:42 Tuesday, December 12, 1995

QUESTION 6D MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	3
2	5	2	5
3	4	1	10
4	4	2	9
5	3	1	4
6	3	2	3
7	2	1	2
8	2	2	2

1 The SAS System 122
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	2	2	4
3	4	3	7
4	10	9	19
5	3	5	8
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.695	0.874
Likelihood Ratio Chi-Square	3	0.701	0.873
Mantel-Haenszel Chi-Square	1	0.295	0.587
Fisher's Exact Test (2-Tail)			0.923
Phi Coefficient		0.135	
Contingency Coefficient		0.134	
Cramer's V		0.135	

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 123
15:42 Tuesday, December 12, 1995

QUESTION 6E AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	1
2	5	2	2
3	4	1	16
4	4	2	12
5	3	1	2
6	3	2	2
7	2	1	4
8	2	2	3

The SAS System 124
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	4	3	7
3	2	2	4
4	16	12	28
5	1	2	3
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	0.673	0.880
Likelihood Ratio Chi-Square	3	0.675	0.879
Mantel-Haenszel Chi-Square	1	0.082	0.775
Fisher's Exact Test (2-Tail)			0.947
Phi Coefficient		0.127	
Contingency Coefficient		0.126	
Cramer's V		0.127	

Sample Size = 42

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

The SAS System 125
15:42 Tuesday, December 12, 1995

QUESTION 6E AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	1
2	5	2	7
3	4	1	16
4	4	2	8
5	3	1	2
6	3	2	1
7	2	1	4

2	3	3	6
3	2	1	3
4	12	8	20
5	2	7	9
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	3.911	0.271
Likelihood Ratio Chi-Square	3	4.087	0.252
Mantel-Haenszel Chi-Square	1	1.000	0.317
Fisher's Exact Test (2-Tail)			0.272
Phi Coefficient		0.321	
Contingency Coefficient		0.305	
Cramer's V		0.321	

Sample Size = 38

WARNING: 75% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 129
15:42 Tuesday, December 12, 1995

QUESTION 6F AUDITORS VS MANAGERS

OBS	TELLING	BELPOS	WT
1	5	1	3
2	5	2	3
3	4	1	10
4	4	2	4
5	3	1	5
6	3	2	6
7	2	1	3
8	2	2	6
9	1	1	2
10	1	2	0

1 The SAS System 130
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	2	0	2
2	3	6	9
3	5	6	11
4	10	4	14

	5	3	3	6
Total	23	19	42	

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	5.330	0.255
Likelihood Ratio Chi-Square	4	6.158	0.188
Mantel-Haenszel Chi-Square	1	0.273	0.601
Fisher's Exact Test (2-Tail)			0.279
Phi Coefficient		0.356	
Contingency Coefficient		0.336	
Cramer's V		0.356	

Sample Size = 42

WARNING: 70% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

1 The SAS System 131
15:42 Tuesday, December 12, 1995

QUESTION 6F AUDITORS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	3
2	5	2	6
3	4	1	10
4	4	2	10
5	3	1	5
6	3	2	0
7	2	1	3
8	2	2	3
9	1	1	2
10	1	2	0

1 The SAS System 132
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
1	2	0	2
2	3	3	6
3	5	0	5
4	10	10	20
5	3	6	9
Total	23	19	42

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	4	7.689	0.104
Likelihood Ratio Chi-Square	4	10.342	0.035
Mantel-Haenszel Chi-Square	1	3.079	0.079
Fisher's Exact Test (2-Tail)			0.098
Phi Coefficient		0.428	
Contingency Coefficient		0.393	
Cramer's V		0.428	

Sample Size = 42

WARNING: 80% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

The SAS System 133
15:42 Tuesday, December 12, 1995

QUESTION 6F MANAGERS VS USERS

OBS	TELLING	BELPOS	WT
1	5	1	3
2	5	2	6
3	4	1	4
4	4	2	10
5	3	1	6
6	3	2	0
7	2	1	6
8	2	2	3

The SAS System 134
15:42 Tuesday, December 12, 1995

TABLE OF TELLING BY BELPOS

TELLING	BELPOS		Total
Frequency	1	2	
2	6	3	9
3	6	0	6
4	4	10	14
5	3	6	9
Total	19	19	38

STATISTICS FOR TABLE OF TELLING BY BELPOS

Statistic	DF	Value	Prob
Chi-Square	3	10.571	0.014
Likelihood Ratio Chi-Square	3	13.013	0.005
Mantel-Haenszel Chi-Square	1	4.860	0.027
Fisher's Exact Test (2-Tail)			0.012
Phi Coefficient		0.527	
Contingency Coefficient		0.467	
Cramer's V		0.527	

Sample Size = 38

WARNING: 75% of the cells have expected counts less
than 5. Chi-Square may not be a valid test.