

Relationship Between Temperature Control and Colds

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table 1 of T_CONTRL by COLD			
	Controlling for GROUP=NONSMOKERS			
	T_CONTRL	COLD		
		1-YES	2-NO	Total
	1-POOR	30 8.45 23.08 54.55	100 28.17 76.92 33.33	130 36.62
	2-GOOD	25 7.04 11.11 45.45	200 56.34 88.89 66.67	225 63.38
	Total	55 15.49	300 84.51	355 100.00

Statistics for Table 1 of T_CONTRL by COLD Controlling for GROUP=NONSMOKERS

Statistic	DF	Value	Prob
Chi-Square	1	9.0106	0.0027
Likelihood Ratio Chi-Square	1	8.7000	0.0032
Continuity Adj. Chi-Square	1	8.1199	0.0044
Mantel-Haenszel Chi-Square	1	8.9852	0.0027
Phi Coefficient		0.1593	
Contingency Coefficient		0.1573	
Cramer's V		0.1593	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	30
Left-sided Pr <= F	0.9990
Right-sided Pr >= F	0.0025
Table Probability (P)	0.0015
Two-sided Pr <= P	0.0037

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Statistics for Table 1 of T_CONTRL by COLD
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Statistic	Value	ASE
Gamma	0.4118	0.1234
Kendall's Tau-b	0.1593	0.0549
Stuart's Tau-c	0.1111	0.0396
Somers' D C R	0.1197	0.0425
Somers' D R C	0.2121	0.0724
Pearson Correlation	0.1593	0.0549
Spearman Correlation	0.1593	0.0549
Lambda Asymmetric C R	0.0000	0.0000
Lambda Asymmetric R C	0.0385	0.0559
Lambda Symmetric	0.0270	0.0395
Uncertainty Coefficient C R	0.0284	0.0193
Uncertainty Coefficient R C	0.0187	0.0128
Uncertainty Coefficient Symmetric	0.0225	0.0153

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	2.4000	1.3404	4.2973
Relative Risk (Column 1)	2.0769	1.2789	3.3728
Relative Risk (Column 2)	0.8654	0.7792	0.9611

Sample Size = 355

Frequency
Percent
Row Pct
Col Pct

Table 2 of T_CONTRL by COLD			
Controlling for GROUP=SMOKERS			
T_CONTRL	COLD		
	1-YES	2-NO	Total
1-POOR	20 7.02 16.67 57.14	100 35.09 83.33 40.00	120 42.11
2-GOOD	15 5.26 9.09 42.86	150 52.63 90.91 60.00	165 57.89
Total	35 12.28	250 87.72	285 100.00

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Statistics for Table 2 of T_CONTRL by COLD
Controlling for GROUP=SMOKERS

Statistic	DF	Value	Prob
Chi-Square	1	3.7013	0.0544
Likelihood Ratio Chi-Square	1	3.6494	0.0561
Continuity Adj. Chi-Square	1	3.0315	0.0817
Mantel-Haenszel Chi-Square	1	3.6883	0.0548
Phi Coefficient		0.1140	
Contingency Coefficient		0.1132	
Cramer's V		0.1140	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	20
Left-sided Pr <= F	0.9819
Right-sided Pr >= F	0.0415
Table Probability (P)	0.0235
Two-sided Pr <= P	0.0674

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Statistics for Table 2 of T_CONTRL by COLD
Controlling for GROUP=SMOKERS

Statistic	Value	ASE
Gamma	0.3333	0.1623
Kendall's Tau-b	0.1140	0.0598
Stuart's Tau-c	0.0739	0.0397
Somers' D C R	0.0758	0.0407
Somers' D R C	0.1714	0.0892
Pearson Correlation	0.1140	0.0598
Spearman Correlation	0.1140	0.0598
Lambda Asymmetric C R	0.0000	0.0000
Lambda Asymmetric R C	0.0417	0.0483
Lambda Symmetric	0.0323	0.0374
Uncertainty Coefficient C R	0.0172	0.0179
Uncertainty Coefficient R C	0.0094	0.0099
Uncertainty Coefficient Symmetric	0.0122	0.0127

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	2.0000	0.9777	4.0911
Relative Risk (Column 1)	1.8333	0.9795	3.4313
Relative Risk (Column 2)	0.9167	0.8349	1.0064

Sample Size = 285

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Summary Statistics for T_CONTRL by COLD Controlling for GROUP

Cochran-Mantel-Haenszel Statistics (Based on Table Scores)				
Statistic	Alternative Hypothesis	DF	Value	Prob
1	Nonzero Correlation	1	12.4770	0.0004
2	Row Mean Scores Differ	1	12.4770	0.0004
3	General Association	1	12.4770	0.0004

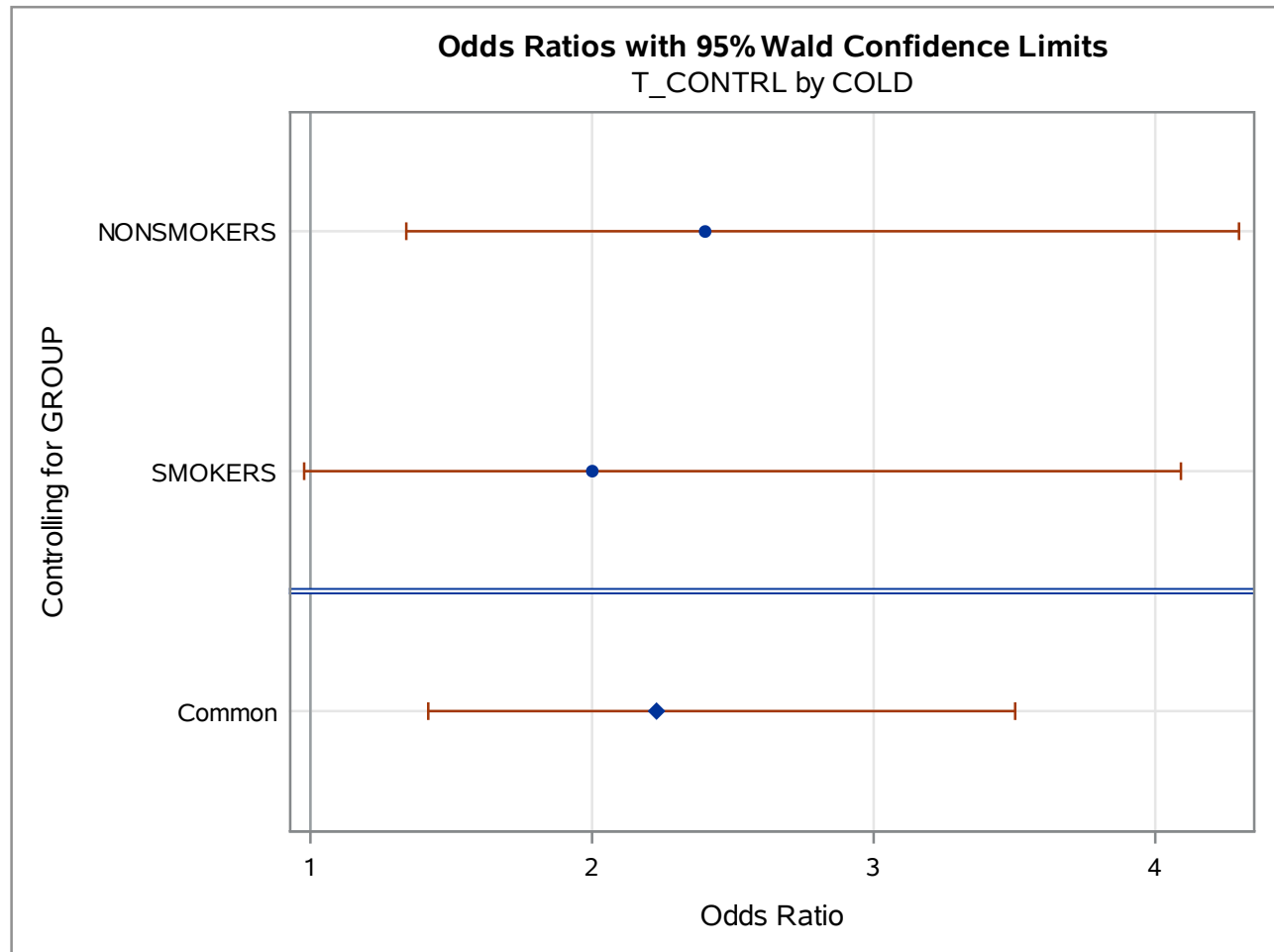
Common Odds Ratio and Relative Risks				
Statistic	Method	Value	95% Confidence Limits	
Odds Ratio	Mantel-Haenszel	2.2289	1.4185	3.5024
	Logit	2.2318	1.4205	3.5064
Relative Risk (Column 1)	Mantel-Haenszel	1.9775	1.3474	2.9021
	Logit	1.9822	1.3508	2.9087
Relative Risk (Column 2)	Mantel-Haenszel	0.8891	0.8283	0.9544
	Logit	0.8936	0.8334	0.9582

Breslow-Day Test for Homogeneity of the Odds Ratios	
Chi-Square	0.1501
DF	1
Pr > ChiSq	0.6985

Total Sample Size = 640

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