The CONTENTS Procedure

Data Set Name	TEMP.FGHM113	**Observations**	500
Member Type	DATA	**Variables**	21
Engine	V9	**Indexes**	0
Created	01/04/2014 11:31:52	**Observation Length**	168
Last Modified	01/04/2014 11:31:52	**Deleted Observations**	0
Protection		**Compressed**	NO
Data Set Type		**Sorted**	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
Data Set Page Size	65536
Number of Data Set Pages	2
First Data Page	1
Max Obs per Page	389
Obs in First Data Page	368
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	\\file.phhp.ufl.edu\home\acantrell\TS-Desktop\temp\fghm113.sas7bdat
Release Created	9.0401M0
Host Created	X64_S08R2

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	SEX	Num	5	BEST12.	F12.	SEX
2	RANDID	Num	8	BEST12.	F12.	Random ID
3	TOTCHOL	Num	8	BEST12.	F12.	Serum Cholesterol mg/dL
4	AGE	Num	8	BEST12.	F12.	Age (years) at examination
5	SYSBP	Num	8	BEST12.	F12.	Systolic BP mmHg
6	DIABP	Num	8	BEST12.	F12.	Diastolic BP mmHg
7	CURSMOKE	Num	8	BEST12.	F12.	Current Cig Smoker Y/N
8	CIGPDAY	Num	8	BEST12.	F12.	Cigarettes per day
9	BMI	Num	8	BEST12.	F12.	Body Mass Index (kr/(M*M)
10	DIABETES	Num	8	BEST12.	F12.	Diabetic Y/N
11	BPMEDS	Num	8	BEST12.	F12.	Anti-hypertensive meds Y/N
12	HEARTRTE	Num	8	BEST12.	F12.	Ventricular Rate (beats/min)
13	GLUCOSE	Num	8	BEST12.	F12.	Casual Glucose mg/dL
14	PREVCHD	Num	8	BEST12.	F12.	Prevalent CHD (MI,AP,CI)
15	PREVAP	Num	8	BEST12.	F12.	Prevalent Angina
16	PREVMI	Num	8	BEST12.	F12.	Prevalent MI (Hosp,Silent)
17	PREVSTRK	Num	8	BEST12.	F12.	Prevalent Stroke (Infarct,Hem)
18	PREVHYP	Num	8	BEST12.	F12.	Prevalent Hypertension
19	PERIOD	Num	8	BEST12.	F12.	Examination cycle
20	HDLC	Num	8	BEST12.	F12.	HDL Cholesterol mg/dL
21	LDLC	Num	8	BEST12.	F12.	LDL Cholesterol mg/dL

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of BPMEDS by DIABETES		
BPMEDS(Anti-hypertensive meds Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	397 79.40 92.54 87.44	32 6.40 7.46 69.57	429 85.80
1	57 11.40 80.28 12.56	14 2.80 19.72 30.43	71 14.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of BPMEDS by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	10.9595	0.0009
Likelihood Ratio Chi-Square	1	8.9642	0.0028
Continuity Adj. Chi-Square	1	9.5411	0.0020
Mantel-Haenszel Chi-Square	1	10.9375	0.0009
Phi Coefficient		0.1481	
Contingency Coefficient		0.1465	
Cramer's V		0.1481	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	397
Left-sided Pr <= F	0.9993
Right-sided Pr >= F	0.0022
Table Probability (P)	0.0016
Two-sided Pr <= P	0.0028

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of CURSMOKE by DIABETES			
CURSMOKE(Current Cig Smoker Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	285 57.00 92.53 62.78	23 4.60 7.47 50.00	308 61.60
1	169 33.80 88.02 37.22	23 4.60 11.98 50.00	192 38.40
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of CURSMOKE by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	2.8819	0.0896
Likelihood Ratio Chi-Square	1	2.8112	0.0936
Continuity Adj. Chi-Square	1	2.3671	0.1239
Mantel-Haenszel Chi-Square	1	2.8761	0.0899
Phi Coefficient		0.0759	
Contingency Coefficient		0.0757	
Cramer's V		0.0759	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	285
Left-sided Pr <= F	0.9671
Right-sided Pr >= F	0.0632
Table Probability (P)	0.0303
Two-sided Pr <= P	0.1111

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of BPMEDS by DIABETES		
BPMEDS(Anti-hypertensive meds Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	397 79.40 92.54 87.44	32 6.40 7.46 69.57	429 85.80
1	57 11.40 80.28 12.56	14 2.80 19.72 30.43	71 14.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of BPMEDS by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	10.9595	0.0009
Likelihood Ratio Chi-Square	1	8.9642	0.0028
Continuity Adj. Chi-Square	1	9.5411	0.0020
Mantel-Haenszel Chi-Square	1	10.9375	0.0009
Phi Coefficient		0.1481	
Contingency Coefficient		0.1465	
Cramer's V		0.1481	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	397
Left-sided Pr <= F	0.9993
Right-sided Pr >= F	0.0022
Table Probability (P)	0.0016
Two-sided Pr <= P	0.0028

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVCHD by DIABETES		
PREVCHD(Prevalent CHD (MI,AP,CI))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	408 81.60 92.10 89.87	35 7.00 7.90 76.09	443 88.60
1	46 9.20 80.70 10.13	11 2.20 19.30 23.91	57 11.40
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVCHD by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.8534	0.0051
Likelihood Ratio Chi-Square	1	6.3873	0.0115
Continuity Adj. Chi-Square	1	6.5483	0.0105
Mantel-Haenszel Chi-Square	1	7.8377	0.0051
Phi Coefficient		0.1253	
Contingency Coefficient		0.1244	
Cramer's V		0.1253	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	408
Left-sided Pr <= F	0.9972
Right-sided Pr >= F	0.0090
Table Probability (P)	0.0062
Two-sided Pr <= P	0.0119

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVAP by DIABETES		
PREVAP(Prevalent Angina)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	421 84.20 91.52 92.73	39 7.80 8.48 84.78	460 92.00
1	33 6.60 82.50 7.27	7 1.40 17.50 15.22	40 8.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVAP by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	3.5855	0.0583
Likelihood Ratio Chi-Square	1	2.9690	0.0849
Continuity Adj. Chi-Square	1	2.5869	0.1078
Mantel-Haenszel Chi-Square	1	3.5784	0.0585
Phi Coefficient		0.0847	
Contingency Coefficient		0.0844	
Cramer's V		0.0847	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	421
Left-sided Pr <= F	0.9781
Right-sided Pr >= F	0.0621
Table Probability (P)	0.0402
Two-sided Pr <= P	0.0799

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVMI by DIABETES		
PREVMI(Prevalent MI (Hosp,Silent))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	430 86.00 91.68 94.71	39 7.80 8.32 84.78	469 93.80
1	24 4.80 77.42 5.29	7 1.40 22.58 15.22	31 6.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVMI by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.0834	0.0078
Likelihood Ratio Chi-Square	1	5.3706	0.0205
Continuity Adj. Chi-Square	1	5.4786	0.0193
Mantel-Haenszel Chi-Square	1	7.0692	0.0078
Phi Coefficient		0.1190	
Contingency Coefficient		0.1182	
Cramer's V		0.1190	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	430
Left-sided Pr <= F	0.9957
Right-sided Pr >= F	0.0168
Table Probability (P)	0.0125
Two-sided Pr <= P	0.0168

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVSTRK by DIABETES		
PREVSTRK(Prevalent Stroke (Infarct,Hem))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	449 89.80 91.26 98.90	43 8.60 8.74 93.48	492 98.40
1	5 1.00 62.50 1.10	3 0.60 37.50 6.52	8 1.60
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVSTRK by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.7946	0.0052
Likelihood Ratio Chi-Square	1	4.8225	0.0281
Continuity Adj. Chi-Square	1	4.7319	0.0296
Mantel-Haenszel Chi-Square	1	7.7790	0.0053
Phi Coefficient		0.1249	
Contingency Coefficient		0.1239	
Cramer's V		0.1249	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	449
Left-sided Pr <= F	0.9966
Right-sided Pr >= F	0.0294
Table Probability (P)	0.0261
Two-sided Pr <= P	0.0294

Sample Size = 500

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVHYP by DIABETES		
PREVHYP(Prevalent Hypertension)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	197 39.40 96.57 43.39	7 1.40 3.43 15.22	204 40.80
1	257 51.40 86.82 56.61	39 7.80 13.18 84.78	296 59.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVHYP by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	13.7271	0.0002
Likelihood Ratio Chi-Square	1	15.4630	<.0001
Continuity Adj. Chi-Square	1	12.5854	0.0004
Mantel-Haenszel Chi-Square	1	13.6997	0.0002
Phi Coefficient		0.1657	
Contingency Coefficient		0.1635	
Cramer's V		0.1657	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	197
Left-sided Pr <= F	1.0000
Right-sided Pr >= F	<.0001
Table Probability (P)	<.0001
Two-sided Pr <= P	0.0001

Sample Size = 500

/*ODS OUTPUT - Using ODS TRACE and LOG file to find name */

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of SEX by DIABETES

SEX(SEX)	DIABETES(Diabetic Y/N) 0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

/* Use ODS OUTPUT to store two-way table and chi-square results to datasets called CT and CHI */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

/* Select only paricular output using ODS SELECT */

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of SEX by DIABETES

SEX(SEX)	DIABETES(Diabetic Y/N) 0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Obs	Table	SEX	DIABETES	_TYPE_	_TABLE_	Frequency	Percent	RowPercent	ColPercent	Missing
2	Table SEX * DIABETES	1	1	11	1	22	4.4	10.2326	47.8261	.
5	Table SEX * DIABETES	2	1	11	1	24	4.8	8.4211	52.1739	.

Obs	Table	Statistic	DF	Value	Prob
3	Table SEX * DIABETES	Continuity Adj. Chi-Square	1	0.2890	0.5909

/* final basic code including cleaning CT and CHI datasets */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

/* basic transpose - swaps rows and columns */

Obs	_NAME_	_LABEL_	COL1	COL2
1	RowPercent	Percent of Row Frequency	10.2326	8.42105

/* basic transpose - swaps rows and columns */

Obs	Table	Prob
1	Table SEX * DIABETES	0.5909

Obs	table	col1	col2	prob
1	Table SEX * DIABETES	10.2326	8.42105	0.5909

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of SEX by DIABETES			
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of SEX by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	193
Left-sided Pr <= F	0.2942
Right-sided Pr >= F	0.8027
Table Probability (P)	0.0969
Two-sided Pr <= P	0.5333

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table SEX * DIABETES	10.2326	8.42105	0.5909

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of CURSMOKE by DIABETES		
CURSMOKE(Current Cig Smoker Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	285 57.00 92.53 62.78	23 4.60 7.47 50.00	308 61.60
1	169 33.80 88.02 37.22	23 4.60 11.98 50.00	192 38.40
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of CURSMOKE by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	2.8819	0.0896
Likelihood Ratio Chi-Square	1	2.8112	0.0936
Continuity Adj. Chi-Square	1	2.3671	0.1239
Mantel-Haenszel Chi-Square	1	2.8761	0.0899
Phi Coefficient		0.0759	
Contingency Coefficient		0.0757	
Cramer's V		0.0759	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	285
Left-sided Pr <= F	0.9671
Right-sided Pr >= F	0.0632
Table Probability (P)	0.0303
Two-sided Pr <= P	0.1111

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table CURSMOKE * DIABETES	7.46753	11.9792	0.1239

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of BPMEDS by DIABETES		
BPMEDS(Anti-hypertensive meds Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	397 79.40 92.54 87.44	32 6.40 7.46 69.57	429 85.80
1	57 11.40 80.28 12.56	14 2.80 19.72 30.43	71 14.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of BPMEDS by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	10.9595	0.0009
Likelihood Ratio Chi-Square	1	8.9642	0.0028
Continuity Adj. Chi-Square	1	9.5411	0.0020
Mantel-Haenszel Chi-Square	1	10.9375	0.0009
Phi Coefficient		0.1481	
Contingency Coefficient		0.1465	
Cramer's V		0.1481	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	397
Left-sided Pr <= F	0.9993
Right-sided Pr >= F	0.0022
Table Probability (P)	0.0016
Two-sided Pr <= P	0.0028

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table BPMEDS * DIABETES	7.45921	19.7183	0.0020

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVCHD by DIABETES		
PREVCHD(Prevalent CHD (MI,AP,CI))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	408 81.60 92.10 89.87	35 7.00 7.90 76.09	443 88.60
1	46 9.20 80.70 10.13	11 2.20 19.30 23.91	57 11.40
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVCHD by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.8534	0.0051
Likelihood Ratio Chi-Square	1	6.3873	0.0115
Continuity Adj. Chi-Square	1	6.5483	0.0105
Mantel-Haenszel Chi-Square	1	7.8377	0.0051
Phi Coefficient		0.1253	
Contingency Coefficient		0.1244	
Cramer's V		0.1253	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	408
Left-sided Pr <= F	0.9972
Right-sided Pr >= F	0.0090
Table Probability (P)	0.0062
Two-sided Pr <= P	0.0119

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table PREVCHD * DIABETES	7.90068	19.2982	0.0105

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of PREVAP by DIABETES			
PREVAP(Prevalent Angina)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	421 84.20 91.52 92.73	39 7.80 8.48 84.78	460 92.00
1	33 6.60 82.50 7.27	7 1.40 17.50 15.22	40 8.00
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVAP by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	3.5855	0.0583
Likelihood Ratio Chi-Square	1	2.9690	0.0849
Continuity Adj. Chi-Square	1	2.5869	0.1078
Mantel-Haenszel Chi-Square	1	3.5784	0.0585
Phi Coefficient		0.0847	
Contingency Coefficient		0.0844	
Cramer's V		0.0847	

WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

Fisher's Exact Test	
Cell (1,1) Frequency (F)	421
Left-sided Pr <= F	0.9781
Right-sided Pr >= F	0.0621
Table Probability (P)	0.0402
Two-sided Pr <= P	0.0799

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table PREVAP * DIABETES	8.47826	17.5	0.1078

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of PREVMI by DIABETES			
PREVMI(Prevalent MI (Hosp,Silent))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	430 86.00 91.68 94.71	39 7.80 8.32 84.78	469 93.80
1	24 4.80 77.42 5.29	7 1.40 22.58 15.22	31 6.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVMI by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.0834	0.0078
Likelihood Ratio Chi-Square	1	5.3706	0.0205
Continuity Adj. Chi-Square	1	5.4786	0.0193
Mantel-Haenszel Chi-Square	1	7.0692	0.0078
Phi Coefficient		0.1190	
Contingency Coefficient		0.1182	
Cramer's V		0.1190	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	430
Left-sided Pr <= F	0.9957
Right-sided Pr >= F	0.0168
Table Probability (P)	0.0125
Two-sided Pr <= P	0.0168

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table PREVMI * DIABETES	8.31557	22.5806	0.0193

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of PREVSTRK by DIABETES			
PREVSTRK(Prevalent Stroke (Infarct,Hem))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	449 89.80 91.26 98.90	43 8.60 8.74 93.48	492 98.40
1	5 1.00 62.50 1.10	3 0.60 37.50 6.52	8 1.60
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVSTRK by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	7.7946	0.0052
Likelihood Ratio Chi-Square	1	4.8225	0.0281
Continuity Adj. Chi-Square	1	4.7319	0.0296
Mantel-Haenszel Chi-Square	1	7.7790	0.0053
Phi Coefficient		0.1249	
Contingency Coefficient		0.1239	
Cramer's V		0.1249	

WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

Fisher's Exact Test	
Cell (1,1) Frequency (F)	449
Left-sided Pr <= F	0.9966
Right-sided Pr >= F	0.0294
Table Probability (P)	0.0261
Two-sided Pr <= P	0.0294

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table PREVSTRK * DIABETES	8.73984	37.5	0.0296

/* running macro with pretty output from class*/

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVHYP by DIABETES		
PREVHYP(Prevalent Hypertension)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	197 39.40 96.57 43.39	7 1.40 3.43 15.22	204 40.80
1	257 51.40 86.82 56.61	39 7.80 13.18 84.78	296 59.20
Total	454 90.80	46 9.20	500 100.00

Statistics for Table of PREVHYP by DIABETES

Statistic	DF	Value	Prob
Chi-Square	1	13.7271	0.0002
Likelihood Ratio Chi-Square	1	15.4630	<.0001
Continuity Adj. Chi-Square	1	12.5854	0.0004
Mantel-Haenszel Chi-Square	1	13.6997	0.0002
Phi Coefficient		0.1657	
Contingency Coefficient		0.1635	
Cramer's V		0.1657	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	197
Left-sided Pr <= F	1.0000
Right-sided Pr >= F	<.0001
Table Probability (P)	<.0001
Two-sided Pr <= P	0.0001

Sample Size = 500

/* running macro with pretty output from class*/

Obs	table	col1	col2	prob
1	Table PREVHYP * DIABETES	3.43137	13.1757	0.0004

/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of SEX by DIABETES		
	DIABETES(Diabetic Y/N)		
SEX(SEX)	0	1	Total
1	193 38.60 89.77 42.51	22 4.40 10.23 47.83	215 43.00
2	261 52.20 91.58 57.49	24 4.80 8.42 52.17	285 57.00
Total	454 90.80	46 9.20	500 100.00

Statistic	DF	Value	Prob
Chi-Square	1	0.4814	0.4878
Likelihood Ratio Chi-Square	1	0.4782	0.4893
Continuity Adj. Chi-Square	1	0.2890	0.5909
Mantel-Haenszel Chi-Square	1	0.4805	0.4882
Phi Coefficient		-0.0310	
Contingency Coefficient		0.0310	
Cramer's V		-0.0310	

/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of CURSMOKE by DIABETES		
CURSMOKE(Current Cig Smoker Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	285 57.00 92.53 62.78	23 4.60 7.47 50.00	308 61.60
1	169 33.80 88.02 37.22	23 4.60 11.98 50.00	192 38.40
Total	454 90.80	46 9.20	500 100.00

Statistic	DF	Value	Prob
Chi-Square	1	2.8819	0.0896
Likelihood Ratio Chi-Square	1	2.8112	0.0936
Continuity Adj. Chi-Square	1	2.3671	0.1239
Mantel-Haenszel Chi-Square	1	2.8761	0.0899
Phi Coefficient		0.0759	
Contingency Coefficient		0.0757	
Cramer's V		0.0759	

/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of BPMEDS by DIABETES			
BPMEDS(Anti-hypertensive meds Y/N)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	397 79.40 92.54 87.44	32 6.40 7.46 69.57	429 85.80
1	57 11.40 80.28 12.56	14 2.80 19.72 30.43	71 14.20
Total	454 90.80	46 9.20	500 100.00

Statistic	DF	Value	Prob
Chi-Square	1	10.9595	0.0009
Likelihood Ratio Chi-Square	1	8.9642	0.0028
Continuity Adj. Chi-Square	1	9.5411	0.0020
Mantel-Haenszel Chi-Square	1	10.9375	0.0009
Phi Coefficient		0.1481	
Contingency Coefficient		0.1465	
Cramer's V		0.1481	

/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVCHD by DIABETES		
PREVCHD(Prevalent CHD (MI,AP,CI))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	408 81.60 92.10 89.87	35 7.00 7.90 76.09	443 88.60
1	46 9.20 80.70 10.13	11 2.20 19.30 23.91	57 11.40
Total	454 90.80	46 9.20	500 100.00

Statistic	DF	Value	Prob
Chi-Square	1	7.8534	0.0051
Likelihood Ratio Chi-Square	1	6.3873	0.0115
Continuity Adj. Chi-Square	1	6.5483	0.0105
Mantel-Haenszel Chi-Square	1	7.8377	0.0051
Phi Coefficient		0.1253	
Contingency Coefficient		0.1244	
Cramer's V		0.1253	

/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of PREVAP by DIABETES			
PREVAP(Prevalent Angina)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	421 84.20 91.52 92.73	39 7.80 8.48 84.78	460 92.00
1	33 6.60 82.50 7.27	7 1.40 17.50 15.22	40 8.00
Total	454 90.80	46 9.20	500 100.00

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Phi Coefficient		0.0847	
Contingency Coefficient		0.0844	
Cramer's V		0.0847	

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/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVMI by DIABETES		
PREVMI(Prevalent MI (Hosp,Silent))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	430 86.00 91.68 94.71	39 7.80 8.32 84.78	469 93.80
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Mantel-Haenszel Chi-Square	1	7.0692	0.0078
Phi Coefficient		0.1190	
Contingency Coefficient		0.1182	
Cramer's V		0.1190	

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/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVSTRK by DIABETES		
PREVSTRK(Prevalent Stroke (Infarct,Hem))	DIABETES(Diabetic Y/N)		
	0	1	Total
0	449 89.80 91.26 98.90	43 8.60 8.74 93.48	492 98.40
1	5 1.00 62.50 1.10	3 0.60 37.50 6.52	8 1.60
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Continuity Adj. Chi-Square	1	4.7319	0.0296
Mantel-Haenszel Chi-Square	1	7.7790	0.0053
Phi Coefficient		0.1249	
Contingency Coefficient		0.1239	
Cramer's V		0.1249	

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/* macro with pretty output updated - one output table!! */

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of PREVHYP by DIABETES		
PREVHYP(Prevalent Hypertension)	DIABETES(Diabetic Y/N)		
	0	1	Total
0	197 39.40 96.57 43.39	7 1.40 3.43 15.22	204 40.80
1	257 51.40 86.82 56.61	39 7.80 13.18 84.78	296 59.20
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Statistic	DF	Value	Prob
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Likelihood Ratio Chi-Square	1	15.4630	<.0001
Continuity Adj. Chi-Square	1	12.5854	0.0004
Mantel-Haenszel Chi-Square	1	13.6997	0.0002
Phi Coefficient		0.1657	
Contingency Coefficient		0.1635	
Cramer's V		0.1657	

/* macro with pretty output updated - one output table!! */

Obs	Variables	Row1PctDiabetes	Row2PctDiabetes	PValue
1	SEX * DIABETES	10.2326	8.4211	0.5909
2	CURSMOKE * DIABETES	7.4675	11.9792	0.1239
3	BPMEDS * DIABETES	7.4592	19.7183	0.0020
4	PREVCHD * DIABETES	7.9007	19.2982	0.0105
5	PREVAP * DIABETES	8.4783	17.5000	0.1078
6	PREVMI * DIABETES	8.3156	22.5806	0.0193
7	PREVSTRK * DIABETES	8.7398	37.5000	0.0296
8	PREVHYP * DIABETES	3.4314	13.1757	0.0004