

<b>Data Set Name</b>	WORK.RISK	<b>Observations</b>	500
<b>Member Type</b>	DATA	<b>Variables</b>	6
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	09/24/2017 21:18:14	<b>Observation Length</b>	48
<b>Last Modified</b>	09/24/2017 21:18:14	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
<b>Encoding</b>	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	65536
<b>Number of Data Set Pages</b>	1
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	1360
<b>Obs in First Data Page</b>	500
<b>Number of Data Set Repairs</b>	0
<b>Filename</b>	/tmp/SAS_work6BB4000040E0_localhost.localdomain/SAS_workA26D000040E0_localhost.localdomain/risk.sas7bdat
<b>Release Created</b>	9.0401M4
<b>Host Created</b>	Linux
<b>Inode Number</b>	536572
<b>Access Permission</b>	rw-rw-r--
<b>Owner Name</b>	sasdemo
<b>File Size</b>	128KB
<b>File Size (bytes)</b>	131072

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
3	Age	Num	8	BEST12.	BEST32.
1	Age_Group	Char	10	\$10.	\$10.
4	Chol	Num	8	BEST12.	BEST32.
5	Chol_High	Num	8	BEST12.	BEST32.
2	Gender	Char	1	\$1.	\$1.
6	Heart_Attack	Num	8	BEST12.	BEST32.

Model Information	
Data Set	WORK.RISK
Response Variable	Heart_Attack
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	500
Number of Observations Used	500

Response Profile		
Ordered Value	Heart_Attack	Total Frequency
1	0	442
2	1	58

Probability modeled is Heart\_Attack='1'.

Class Level Information			
Class	Value	Design Variables	
Age_Group	1:Less 60	1	0
	2:61 to 70	0	1
	3:Over 70	0	0
Chol_High	0	1	
	1	0	

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	360.879	332.083
SC	365.093	348.941
-2 Log L	358.879	324.083

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	34.7959	3	<.0001
Score	30.9045	3	<.0001
Wald	26.8446	3	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age_Group	2	13.1917	0.0014
Chol_High	1	14.8668	0.0001

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-1.0534	0.2293	21.1019	<.0001
Age_Group	1:Less 60	1	-1.8082	0.5021	12.9684	0.0003
Age_Group	2:61 to 70	1	-0.4471	0.3076	2.1134	0.1460
Chol_High	0	1	-1.2588	0.3265	14.8668	0.0001

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age_Group 1:Less 60 vs 3:Over 70	0.164	0.061	0.439
Age_Group 2:61 to 70 vs 3:Over 70	0.639	0.350	1.168
Chol_High 0 vs 1	0.284	0.150	0.539

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	63.4	Somers' D	0.434
Percent Discordant	20.0	Gamma	0.521
Percent Tied	16.6	Tau-a	0.089
Pairs	25636	c	0.717