The LOGISTIC Procedure

Model Information		
Data Set	WORK.FRMGHAM1	
Response Variable	DEATH	Death indicator
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	3263
Number of Observations Used	3246

Response Profile		
Ordered Value	**DEATH**	**Total Frequency**
1	1	766
2	0	2480

Probability modeled is DEATH=1.

Note: 17 observations were deleted due to missing values for the response or explanatory variables.

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	3549.261	3035.749
SC	3555.346	3060.090
-2 Log L	3547.261	3027.749

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	519.5117	3	<.0001
Score	498.5873	3	<.0001
Wald	420.9556	3	<.0001

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Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-6.7254	0.4921	186.7581	<.0001
AGE	1	0.1139	0.00586	378.2888	<.0001
SEX	1	-0.8850	0.0918	92.9651	<.0001
BMI	1	-0.00813	0.0114	0.5066	0.4766

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
AGE	1.121	1.108	1.134
SEX	0.413	0.345	0.494
BMI	0.992	0.970	1.014

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	75.5	Somers' D	0.510
Percent Discordant	24.5	Gamma	0.510
Percent Tied	0.0	Tau-a	0.184
Pairs	1899680	c	0.755

Odds Ratios		
Effect	Unit	Estimate
AGE	10.0000	3.125
BMI	5.0000	0.960