

The LOGISTIC Procedure

Model Information		
Data Set	WORK.VA3	
Response Variable	death30	death30
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	26518
Number of Observations Used	24618

Response Profile		
Ordered Value	death30	Total Frequency
1	0	23872
2	1	746

Probability modeled is death30='1'.

Note: 1900 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information		
Class	Value	Design Variables
proced	0	1
	1	-1
bhealth	0	1
	1	-1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	6687.951	6589.202
SC	6696.063	6621.647
-2 Log L	6685.951	6581.202

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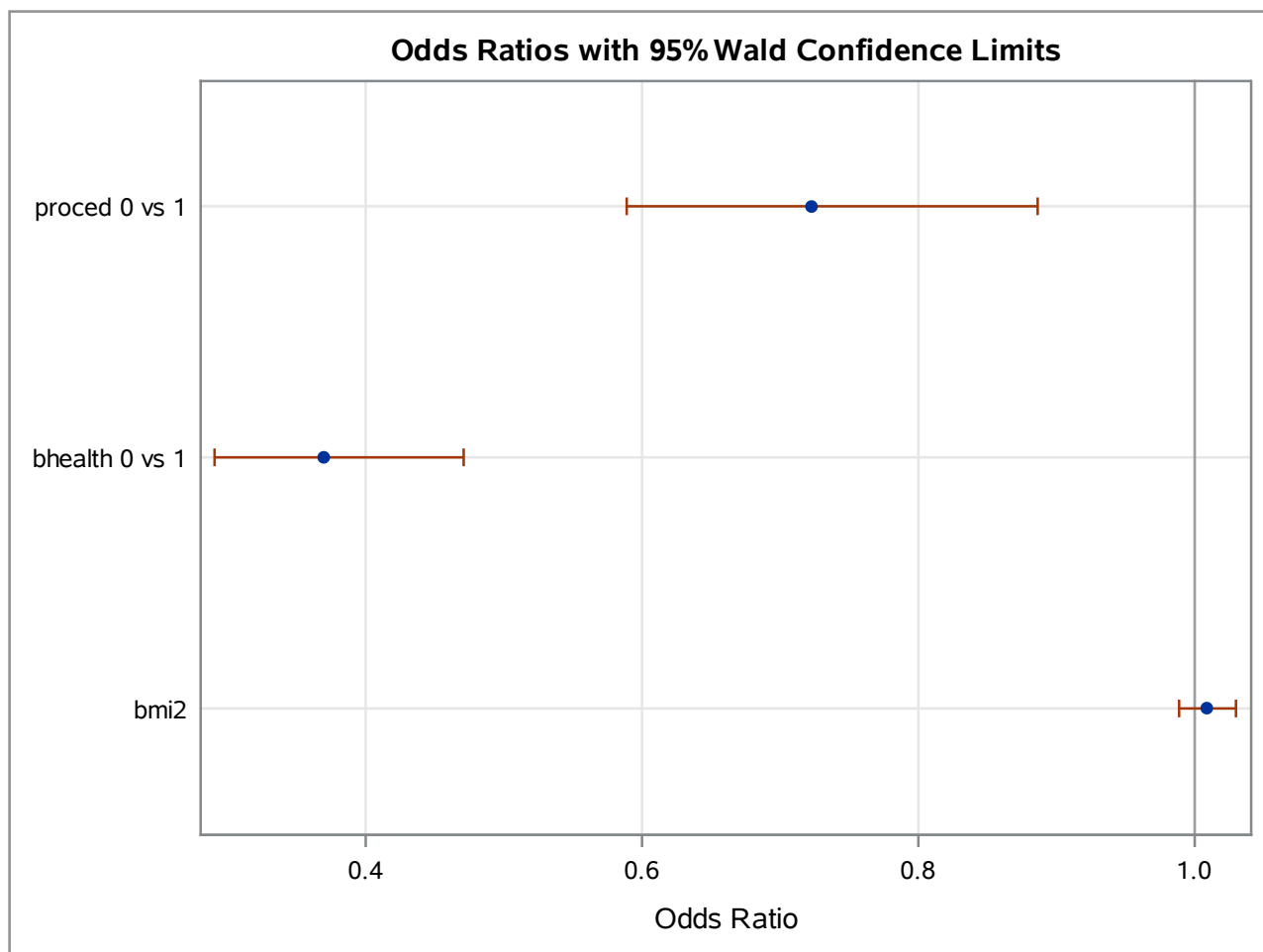
Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	104.7491	3	<.0001
Score	89.3614	3	<.0001
Wald	82.9336	3	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
proced	1	9.7144	0.0018
bhealth	1	65.2407	<.0001
bmi2	1	0.7514	0.3860

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-4.1622	0.3002	192.1659	<.0001
proced	0	1	-0.1625	0.0522	9.7144	0.0018
bhealth	0	1	-0.4972	0.0616	65.2407	<.0001
bmi2		1	0.00902	0.0104	0.7514	0.3860

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
proced 0 vs 1	0.722	0.589	0.886
bhealth 0 vs 1	0.370	0.291	0.471
bmi2	1.009	0.989	1.030

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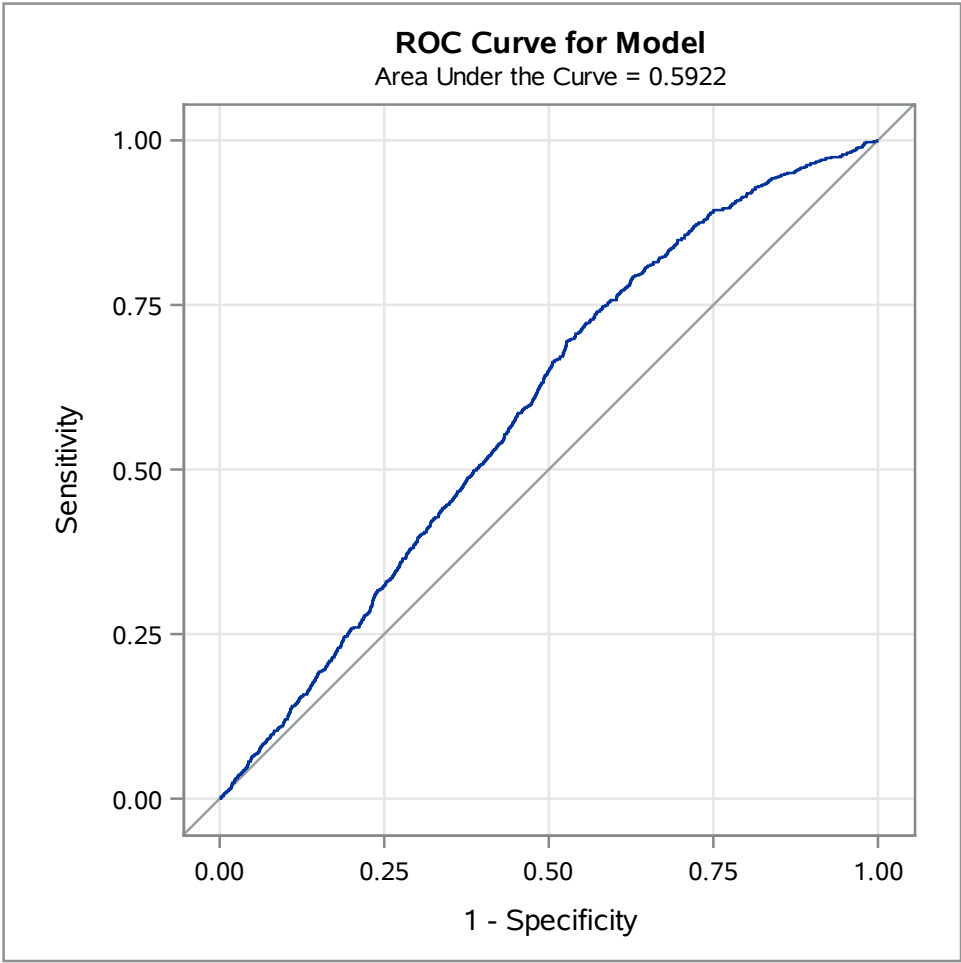
Association of Predicted Probabilities and Observed Responses			
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Percent Concordant	59.2	Somers' D	0.184
Percent Discordant	40.8	Gamma	0.184
Percent Tied	0.0	Tau-a	0.011
Pairs	17808512	c	0.592

Parameter Estimates and Wald Confidence Intervals				
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Parameter		Estimate	95% Confidence Limits	
Intercept		-4.1622	-4.7506	-3.5737
proced	0	-0.1625	-0.2648	-0.0603
bhealth	0	-0.4972	-0.6179	-0.3766
bmi2		0.00902	-0.0114	0.0294

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