LOGISTIC MODEL (1):Unsafe=Weight

Model Information	
Data Set	STAT1.SAFETY
Response Variable	Unsafe
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	96
Number of Observations Used	96

Response Profile		
Ordered Value	Unsafe	Total Frequency
1	0	66
2	1	30

Probability modeled is Unsafe=1.

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

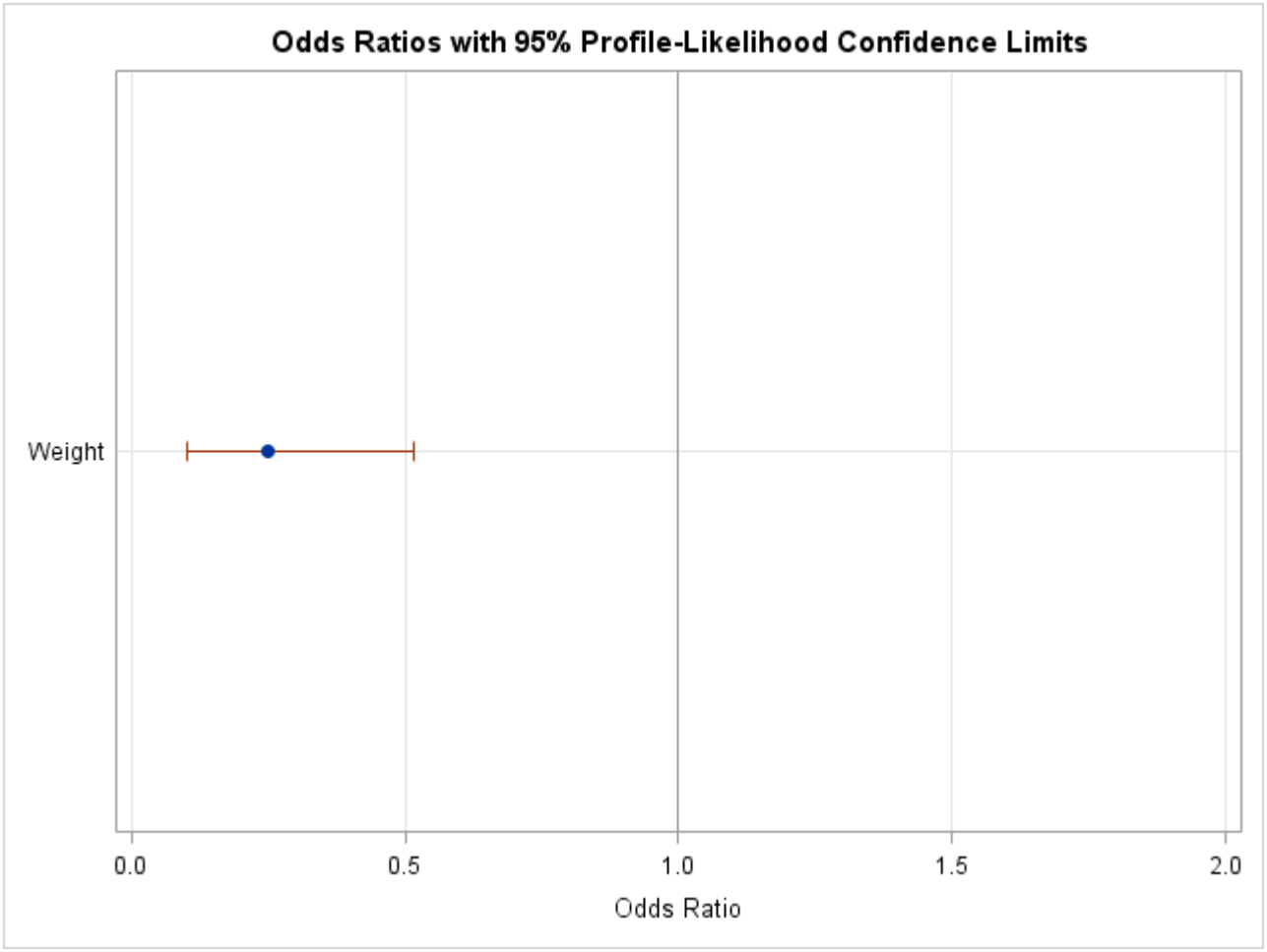
Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	121.249	106.764
SC	123.813	111.893
-2 Log L	119.249	102.764

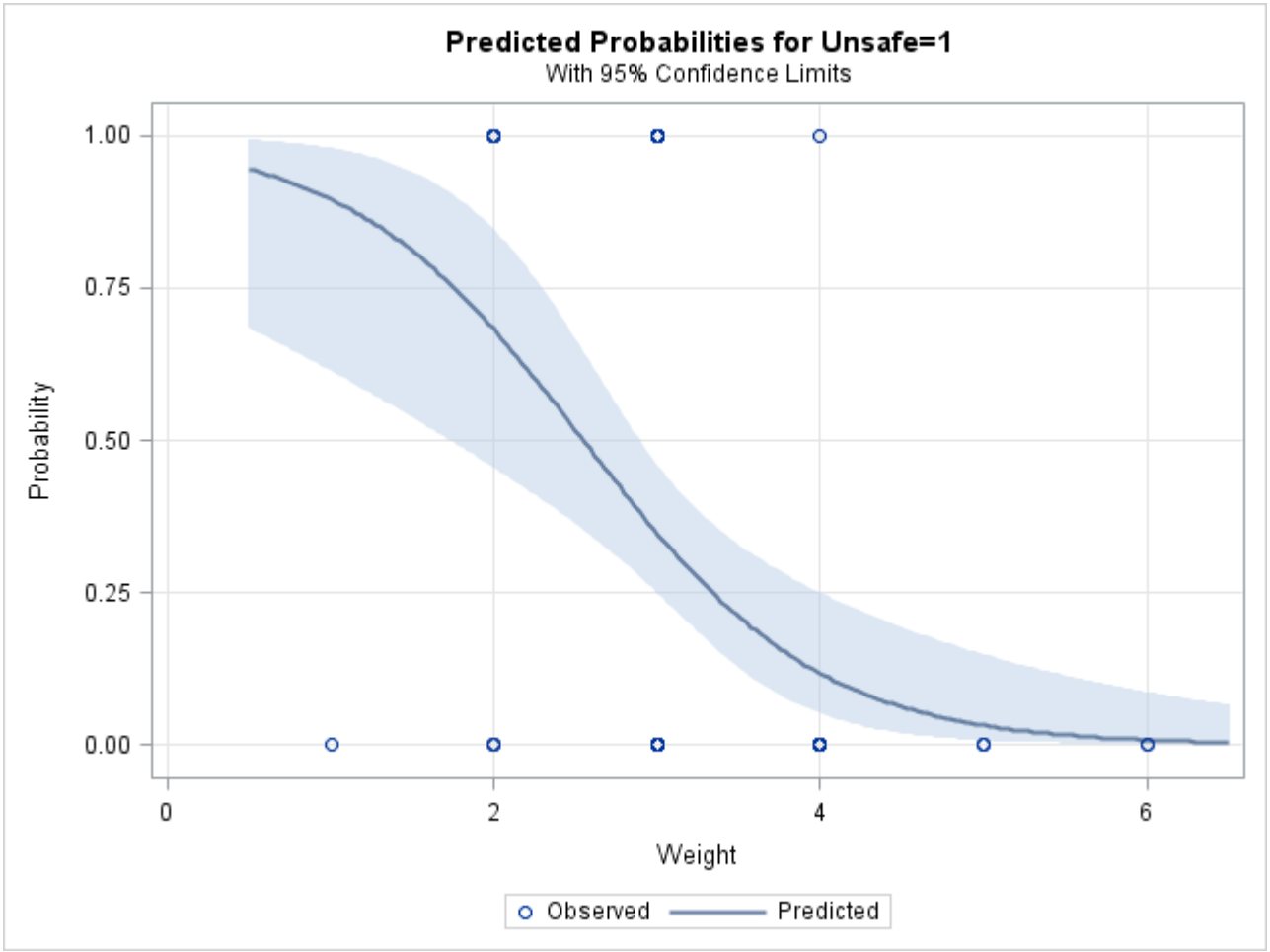
Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	16.4845	1	<.0001
Score	13.7699	1	0.0002
Wald	11.5221	1	0.0007

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	3.5422	1.2601	7.9023	0.0049
Weight	1	-1.3901	0.4095	11.5221	0.0007

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	55.2	Somers' D	0.474
Percent Discordant	7.7	Gamma	0.754
Percent Tied	37.1	Tau-a	0.206
Pairs	1980	c	0.737

Odds Ratio Estimates and Profile-Likelihood Confidence Intervals				
Effect	Unit	Estimate	95% Confidence Limits	
Weight	1.0000	0.249	0.102	0.517


Odds Ratios with 95% Profile-Likelihood Confidence Limits
Weight
0.0
0.5
1.0
1.5
2.0
Odds Ratio


Predicted Probabilities for Unsafe=1
With 95% Confidence Limits
1.00
0.75
0.50
0.25
0.00
Probability
0
2
4
6
Weight
Observed
Predicted