

## The LOGISTIC Procedure

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

Number of Observations Read	19
Number of Observations Used	19

Response Profile		
Ordered Value	Sex	Total Frequency
1	F	9
2	M	10

Probability modeled is Sex='F'.

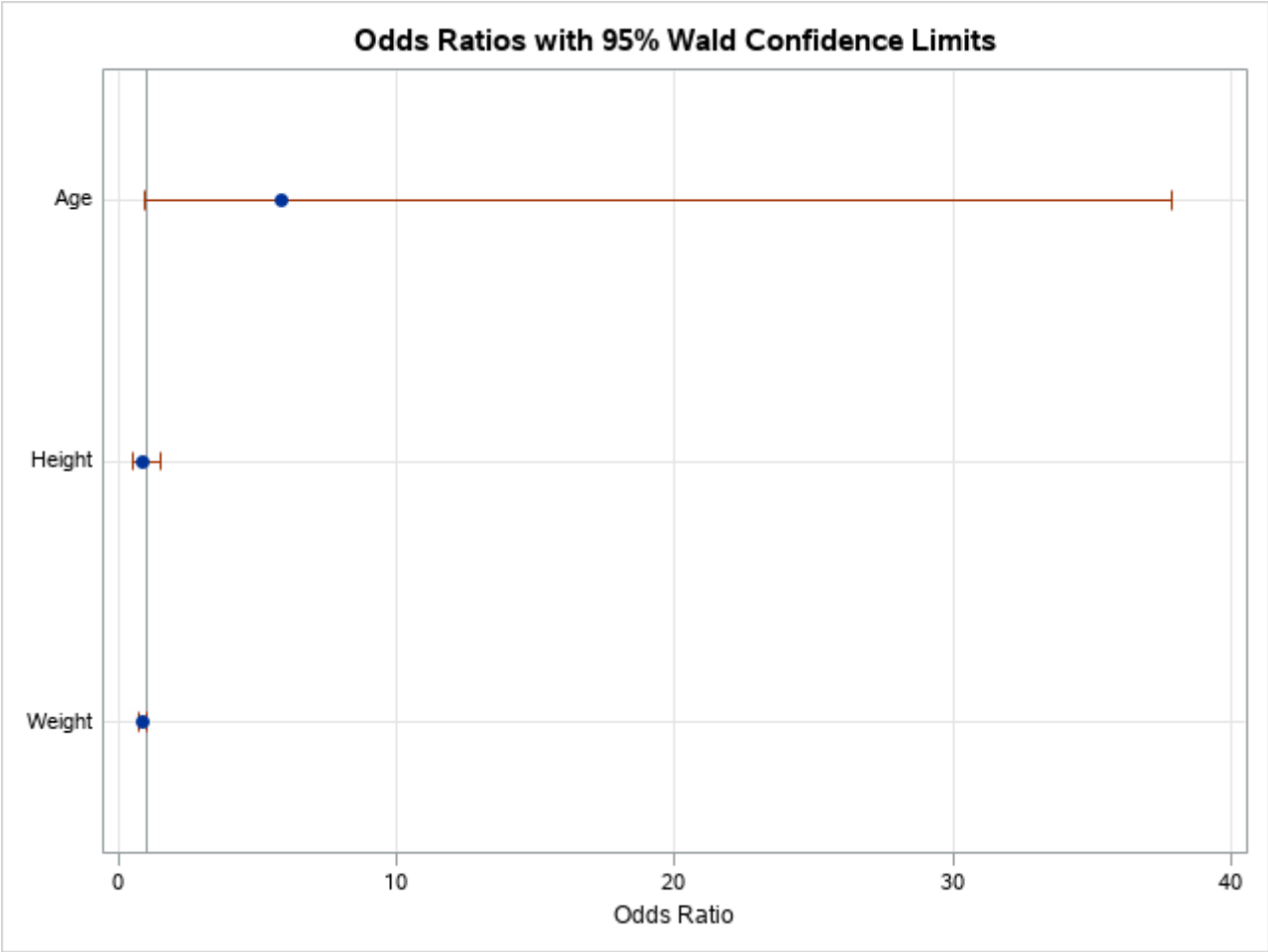
Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	28.287	25.436
SC	29.231	29.214
-2 Log L	26.287	17.436

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	8.8507	3	0.0313
Score	6.4030	3	0.0936
Wald	4.1822	3	0.2424

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.1926	11.9216	0.0100	0.9203
Age	1	1.7647	0.9534	3.4261	0.0642
Height	1	-0.1517	0.2902	0.2734	0.6011
Weight	1	-0.1326	0.0869	2.3277	0.1271

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age	5.840	0.901	37.835
Height	0.859	0.487	1.517
Weight	0.876	0.739	1.038



Association of Predicted Probabilities and Observed Responses			
Percent Concordant	86.7	Somers' D	0.744
Percent Discordant	12.2	Gamma	0.753
Percent Tied	1.1	Tau-a	0.392
Pairs	90	c	0.872

