The LOGISTIC Procedure

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

Number of Observations Read	891
Number of Observations Used	891

Response Profile		
Ordered Value	**Survived**	**Total Frequency**
1	0	549
2	1	342

Probability modeled is Survived='0'.

Class Level Information		
Class	**Value**	**Design Variables**
Sex	**female**	1
	male	-1

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	1188.655	921.804
SC	1193.447	931.389
-2 Log L	1186.655	917.804

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	268.8512	1	<.0001
Score	263.0506	1	<.0001
Wald	226.0823	1	<.0001

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Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
Sex	1	226.0823	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept		1	0.2003	0.0836	5.7396	0.0166
Sex	**female**	1	-1.2568	0.0836	226.0823	<.0001

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
Sex female vs male	0.081	0.058	0.112

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	58.1	**Somers' D**	0.534
Percent Discordant	4.7	**Gamma**	0.850
Percent Tied	37.2	**Tau-a**	0.253
Pairs	187758	**c**	0.767