The LOGISTIC Procedure

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

Number of Observations Read	400
Number of Observations Used	400

Response Profile		
Ordered Value	**ADMIT**	**Total Frequency**
1	1	127
2	0	273

Probability modeled is ADMIT=1.

Class Level Information				
Class	**Value**	**Design Variables**		
RANK	**1**	0	0	0
	2	1	0	0
	3	0	1	0
	4	0	0	1

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	501.977	482.967
SC	505.968	498.933
-2 Log L	499.977	474.967

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	25.0098	3	<.0001
Score	25.2421	3	<.0001
Wald	23.7795	3	<.0001

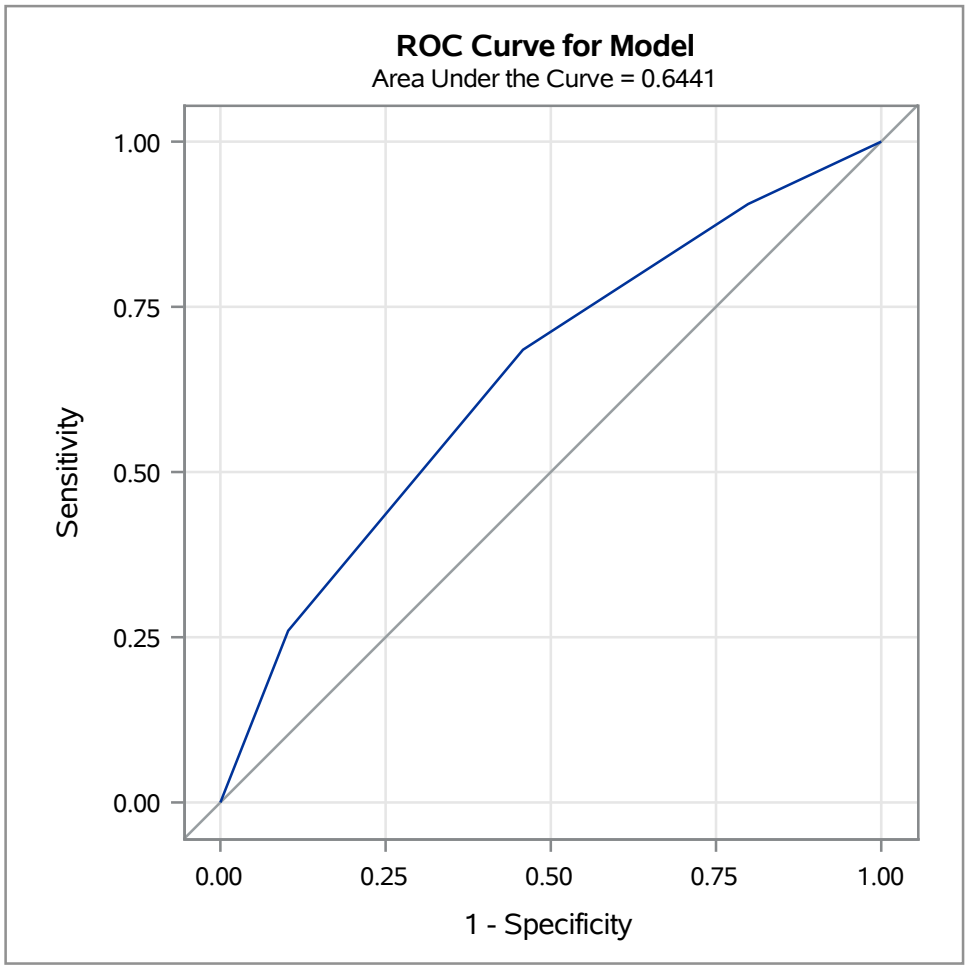
Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
RANK	3	23.7795	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept		1	0.1643	0.2569	0.4089	0.5225
RANK	**2**	1	-0.7500	0.3080	5.9312	0.0149
RANK	**3**	1	-1.3647	0.3354	16.5570	<.0001
RANK	**4**	1	-1.6867	0.4093	16.9820	<.0001

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
RANK 2 vs 1	0.472	0.258	0.864
RANK 3 vs 1	0.255	0.132	0.493
RANK 4 vs 1	0.185	0.083	0.413

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	50.8	**Somers' D**	0.288
Percent Discordant	22.0	**Gamma**	0.396
Percent Tied	27.2	**Tau-a**	0.125
Pairs	34671	**c**	0.644

The LOGISTIC Procedure



The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of ADMIT by event		
	event		
ADMIT	0	1	Total
0	245 61.25 89.74 72.27	28 7.00 10.26 45.90	273 68.25
1	94 23.50 74.02 27.73	33 8.25 25.98 54.10	127 31.75
Total	339 84.75	61 15.25	400 100.00