

### The LOGISTIC Procedure

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

Number of Observations Read	478
Number of Observations Used	478

Response Profile		
Ordered Value	Target	Total Frequency
1	1	335
2	2	143

Probability modeled is Target='1'.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	585.307	518.370
SC	589.476	560.066
-2 Log L	583.307	498.370

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	84.9370	9	<.0001
Score	53.1840	9	<.0001
Wald	43.5802	9	<.0001

### The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-2.1391	0.8457	6.3976	0.0114
Age	1	0.0202	0.00682	8.8005	0.0030
GenderGroup	1	-0.0274	0.2452	0.0124	0.9112
TB	1	0.0138	0.0799	0.0298	0.8629
DB	1	0.2902	0.2236	1.6842	0.1944
Alkphos	1	0.00127	0.000834	2.3257	0.1273
Sgpt	1	0.00949	0.00511	3.4558	0.0630
Sgot	1	0.00271	0.00320	0.7142	0.3980
TP	1	0.5096	0.1983	6.6059	0.0102
ALB	1	-0.7185	0.2813	6.5241	0.0106

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age	1.020	1.007	1.034
GenderGroup	0.973	0.602	1.574
TB	1.014	0.867	1.186
DB	1.337	0.862	2.072
Alkphos	1.001	1.000	1.003
Sgpt	1.010	0.999	1.020
Sgot	1.003	0.996	1.009
TP	1.665	1.129	2.455
ALB	0.488	0.281	0.846

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	74.5	Somers' D	0.489
Percent Discordant	25.5	Gamma	0.489
Percent Tied	0.0	Tau-a	0.206
Pairs	47905	c	0.745

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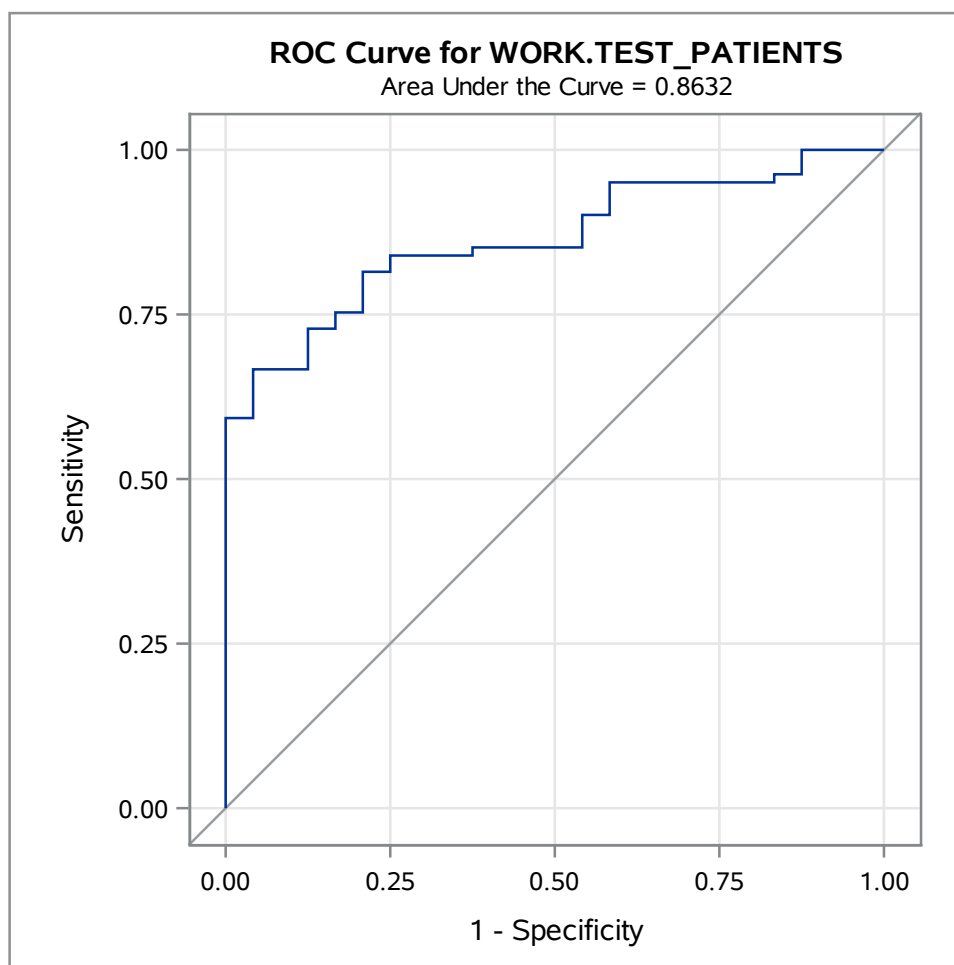
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## The LOGISTIC Procedure



## The FREQ Procedure

Frequency

Table of Target by Target_predicted			
Target	Target_predicted		
	1	2	Total
1	78	3	81
2	20	4	24
Total	98	7	105

# Confusion Table

Monday, February 20, 2017 06:08:06 PM 7

## The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Target by Target_predicted		
	Target	Target_predicted	
		1	2
	<b>1</b>	78 74.29 96.30 79.59	3 2.86 3.70 42.86
	<b>2</b>	20 19.05 83.33 20.41	4 3.81 16.67 57.14
	<b>Total</b>	98 93.33	7 6.67
			105 100.00

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