The DISCRIM Procedure

Total Sample Size	5584	**DF Total**	5583
Variables	240	**DF Within Classes**	5582
Classes	2	**DF Between Classes**	1

Number of Observations Read	5584
Number of Observations Used	5584

Class Level Information

highcd	Variable Name	Frequency	Weight	Proportion	Prior Probability
0	0	5297	5297	0.948603	0.500000
1	1	287	287.0000	0.051397	0.500000

Within Covariance Matrix Information

highcd	Covariance Matrix Rank	Natural Log of the Determinant of the Covariance Matrix
0	240	219.27316
1	240	67.84846
Pooled	240	219.60193

The DISCRIM Procedure
Test of Homogeneity of Within Covariance Matrices

Chi-Square	DF	Pr > ChiSq
32454.230047	28920	<.0001

Since the Chi-Square value is significant at the 0.1 level, the within covariance matrices will be used in the discriminant function.
Reference: Morrison, D.F. (1976) Multivariate Statistical Methods p252.

The DISCRIM Procedure

Generalized Squared Distance to highcd		
From highcd	**0**	**1**
0	219.27316	74.90896
1	220.21915	67.84846

The DISCRIM Procedure
Classification Summary for Calibration Data: WORK.TI
Resubstitution Summary using Quadratic Discriminant Function

Number of Observations and Percent Classified into highcd			
From highcd	**0**	**1**	**Total**
0	5297 100.00	0 0.00	5297 100.00
1	0 0.00	287 100.00	287 100.00
Total	5297 94.86	287 5.14	5584 100.00
Priors	0.5	0.5	

Error Count Estimates for highcd			
	0	**1**	**Total**
Rate	0.0000	0.0000	0.0000
Priors	0.5000	0.5000	

The DISCRIM Procedure
Classification Summary for Calibration Data: WORK.TI
Cross-validation Summary using Quadratic Discriminant Function

Number of Observations and Percent Classified into highcd			
From highcd	**0**	**1**	**Total**
0	5297 100.00	0 0.00	5297 100.00
1	287 100.00	0 0.00	287 100.00
Total	5584 100.00	0 0.00	5584 100.00
Priors	0.5	0.5	

Error Count Estimates for highcd			
	0	**1**	**Total**
Rate	0.0000	1.0000	0.5000
Priors	0.5000	0.5000	