The DISCRIM Procedure

Total Sample Size	200	DF Total	199
Variables	6	DF Within Classes	198
Classes	2	DF Between Classes	1

Number of Observations Read	200
Number of Observations Used	200

Class Level Information					
Class	Variable Name	Frequency	Weight	Proportion	Prior Probability
counterf	counterf	100	100.0000	0.500000	0.010000
genuine	genuine	100	100.0000	0.500000	0.990000

Within Covariance Matrix Information		
Class	Covariance Matrix Rank	Natural Log of the Determinant of the Covariance Matrix
counterf	6	-10.79076
genuine	6	-11.21447
Pooled	6	-10.36654

The DISCRIM Procedure
Test of Homogeneity of Within Covariance Matrices

Chi-Square	DF	Pr > ChiSq
121.899123	21	<.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 Class		
From Class	counterf	genuine
counterf	-1.58042	43.66535
genuine	71.30651	-11.19437

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

Number of Observations and Percent Classified into Class			
From Class	counterf	genuine	Total
counterf	99 99.00	1 1.00	100 100.00
genuine	0 0.00	100 100.00	100 100.00
Total	99 49.50	101 50.50	200 100.00
Priors	0.01	0.99	

Error Count Estimates for Class			
	counterf	genuine	Total
Rate	0.0100	0.0000	0.0001
Priors	0.0100	0.9900	

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

Number of Observations and Percent Classified into Class			
From Class	counterf	genuine	Total
counterf	98 98.00	2 2.00	100 100.00
genuine	1 1.00	99 99.00	100 100.00
Total	99 49.50	101 50.50	200 100.00
Priors	0.01	0.99	

Error Count Estimates for Class			
	counterf	genuine	Total
Rate	0.0200	0.0100	0.0101
Priors	0.0100	0.9900	

The DISCRIM Procedure
Classification Summary for Test Data: WORK.TEST1
Classification Summary using Quadratic Discriminant Function

Observation Profile for Test Data	
Number of Observations Read	1
Number of Observations Used	1

Number of Observations and Percent Classified into Class			
	counterf	genuine	Total
Total	0 0.00	1 100.00	1 100.00
Priors	0.01	0.99	

Obs	Length	Left	Right	Bottom	Top	Diagonal	counterf	genuine	_INTO_
1	214.9	130.1	129.9	9	10.6	140.5	.000002526	1.00000	genuine