

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

Pooled Covariance Matrix Information	
Covariance Matrix Rank	Natural Log of the Determinant of the Covariance Matrix
240	219.60193

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Generalized Squared Distance to highcd		
From highcd	0	1
0	0	0.94231
1	0.94231	0

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Linear Discriminant Function for highcd		
Variable	0	1
Constant	-258.25747	-257.47702
x1	4.40526	4.36945
x2	3.43669	3.47106
x3	1.30308	1.31656
x4	0.01395	0.01684
x5	2.55203	2.49978
x6	4.02107	4.09991
x7	4.23032	4.25263
x8	1.34335	1.31908
x9	1.44577	1.43947
x10	1.66715	1.60058
x11	3096125397	3088275630
x12	1.16845	1.15843
x13	0.50706	0.50361
x14	1.52310	1.46639
x15	0.99814	1.02572
x16	2.24211	2.16495
x17	1.58049	1.55146
x19	0.95794	0.97571
x20	11.36570	11.36754
x21	0.34254	0.34523
x22	1.88991	1.94228
x23	2.34853	2.27160
stat1	0.01655	0.04187
stat2	-0.06450	-0.08527
stat3	-0.07526	-0.07984
stat4	-0.15289	-0.18460
stat5	0.04276	0.06030
stat6	-0.15675	-0.11701
stat7	-0.18657	-0.19108
stat8	0.13380	0.17533
stat9	-0.23062	-0.22045
stat10	0.24062	0.24214
stat11	-0.20280	-0.20223
stat12	0.03492	0.06694

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Linear Discriminant Function for highcd		
Variable	0	1
stat13	0.38869	0.34085
stat14	-0.0005215	0.01255
stat15	-0.33206	-0.24616
stat16	-0.16973	-0.14678
stat17	0.19596	0.21769
stat18	0.03619	0.0007881
stat19	-0.00678	0.07487
stat20	-0.06599	-0.10373
stat21	0.09092	0.10612
stat22	-0.13120	-0.18198
stat23	-0.01787	0.03334
stat24	-0.12249	-0.15061
stat25	-0.09679	-0.14665
stat26	-0.19070	-0.19724
stat27	-0.06198	-0.05739
stat28	-0.05981	-0.11795
stat29	0.06001	0.07298
stat30	0.14259	0.17465
stat31	-0.09778	-0.07706
stat32	-0.10995	-0.13167
stat33	0.16787	0.13311
stat34	-0.16173	-0.21205
stat35	-0.06930	-0.00790
stat36	-0.19813	-0.16046
stat37	0.20036	0.18103
stat38	0.14624	0.11519
stat39	-0.06164	-0.09267
stat40	-0.29740	-0.27179
stat41	0.08447	0.14626
stat42	0.17706	0.20166
stat43	0.05651	0.03732
stat44	-0.04679	-0.07259
stat45	-0.03312	-0.03461
stat46	0.25754	0.30263
stat47	-0.02430	-0.03844

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Linear Discriminant Function for highcd		
Variable	0	1
stat48	-0.02561	-0.01935
stat49	-0.32278	-0.25551
stat50	-0.06462	-0.07321
stat51	0.05963	0.12974
stat52	0.01519	-0.01646
stat53	-0.14729	-0.14451
stat54	-0.19498	-0.19164
stat55	0.10101	0.11991
stat56	0.05643	0.01233
stat57	-0.32335	-0.28339
stat58	-0.02231	-0.00385
stat59	-0.10091	-0.13535
stat60	0.28052	0.30415
stat61	-0.39016	-0.40232
stat62	-0.10365	-0.06106
stat63	0.15996	0.16007
stat64	0.18103	0.16947
stat65	0.17340	0.16045
stat66	-0.10621	-0.09240
stat67	0.16815	0.12577
stat68	0.05409	0.03172
stat69	0.32624	0.37343
stat70	0.20632	0.26227
stat71	-0.05007	-0.04468
stat72	0.05013	0.07267
stat73	-0.08288	-0.10221
stat74	0.02336	-0.05830
stat75	0.25982	0.21508
stat76	0.48323	0.49884
stat77	0.02729	0.02565
stat78	-0.17426	-0.14643
stat79	-0.07541	-0.10784
stat80	-0.13728	-0.17743
stat81	0.13644	0.15881
stat82	-0.12733	-0.07252

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Linear Discriminant Function for highcd		
Variable	0	1
stat83	0.03686	0.06692
stat84	-0.12680	-0.11293
stat85	-0.19915	-0.13153
stat86	0.07169	0.08640
stat87	-0.08609	-0.11944
stat88	0.01152	-0.01947
stat89	0.08498	0.08125
stat90	-0.15492	-0.15105
stat91	-0.09323	-0.04054
stat92	-0.23687	-0.26955
stat93	0.25178	0.20287
stat94	0.08172	0.05271
stat95	-0.02045	-0.06916
stat96	-0.18493	-0.20046
stat97	-0.10247	-0.11294
stat98	-0.24481	-0.07808
stat99	-0.06358	-0.08798
stat100	0.40126	0.41548
stat101	-0.13666	-0.17405
stat102	-0.01126	-0.04514
stat103	0.09605	0.10216
stat104	-0.17851	-0.22060
stat105	0.05368	0.06976
stat106	0.03243	0.04834
stat107	0.11983	0.11852
stat108	-0.25828	-0.26849
stat109	0.19558	0.18511
stat110	-0.06421	-0.20934
stat111	0.18454	0.11567
stat112	-0.19334	-0.19078
stat113	0.14937	0.12415
stat114	0.05131	0.04971
stat115	0.07201	0.06377
stat116	-0.0007677	0.02165
stat117	-0.11261	-0.07594

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Linear Discriminant Function for highcd		
Variable	0	1
stat118	-0.08740	-0.14662
stat119	-0.21698	-0.26798
stat120	0.08938	0.08244
stat121	0.27717	0.25266
stat122	-0.09768	-0.04542
stat123	0.00191	-0.03892
stat124	-0.00831	-0.00277
stat125	0.15701	0.18476
stat126	-0.15072	-0.13162
stat127	0.42560	0.44034
stat128	0.22934	0.31548
stat129	-0.20761	-0.17386
stat130	-0.39261	-0.38295
stat131	0.19410	0.21166
stat132	-0.02616	-0.04347
stat133	0.22744	0.16891
stat134	-0.08484	-0.09456
stat135	0.00398	0.02824
stat136	0.11572	0.12352
stat137	-0.06754	-0.09844
stat138	-0.17019	-0.13620
stat139	-0.18494	-0.20937
stat140	-0.06771	-0.07449
stat141	-0.18887	-0.22741
stat142	-0.08105	-0.08811
stat143	0.41395	0.42568
stat144	-0.12937	-0.18424
stat145	0.30032	0.33903
stat146	-0.01082	0.02180
stat147	0.17965	0.14307
stat148	0.18210	0.12145
stat149	-0.03799	-0.07678
stat150	-0.25439	-0.28825
stat151	-0.14298	-0.23454
stat152	0.17457	0.16764

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Linear Discriminant Function for highcd		
Variable	0	1
stat153	0.01748	0.00368
stat154	0.05696	0.03045
stat155	0.12022	0.09992
stat156	-0.07814	-0.06101
stat157	0.10662	0.10903
stat158	-0.17292	-0.20197
stat159	-0.05968	-0.04471
stat160	0.10913	0.11475
stat161	0.23543	0.25084
stat162	-0.24706	-0.24152
stat163	-0.08238	-0.07776
stat164	0.01407	0.05441
stat165	0.15017	0.10309
stat166	-0.30204	-0.29054
stat167	0.10390	0.10349
stat168	-0.20898	-0.23588
stat169	-0.20678	-0.20367
stat170	-0.22343	-0.25325
stat171	0.01748	0.05969
stat172	0.06653	-0.01187
stat173	-0.05476	-0.06239
stat174	0.23121	0.19129
stat175	0.14039	0.11646
stat176	-0.09178	-0.06665
stat177	-0.20747	-0.15374
stat178	0.00407	-0.00596
stat179	-0.00462	0.01749
stat180	0.44009	0.43117
stat181	0.14299	0.09090
stat182	-0.11771	-0.12495
stat183	-0.10695	-0.09595
stat184	0.37252	0.32614
stat185	-0.08834	-0.13346
stat186	0.19410	0.17301
stat187	-0.03455	-0.06380

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Linear Discriminant Function for highcd		
Variable	0	1
stat188	-0.26782	-0.29551
stat189	0.24147	0.28105
stat190	-0.12789	-0.11984
stat191	-0.33054	-0.32333
stat192	0.17996	0.16430
stat193	0.09184	0.04686
stat194	0.02845	0.03291
stat195	0.14123	0.21052
stat196	0.13547	0.13528
stat197	-0.48699	-0.47336
stat198	-0.01754	-0.04831
stat199	-0.06761	-0.08229
stat200	-0.24325	-0.31550
stat201	-0.49443	-0.52756
stat202	0.03167	0.00600
stat203	0.01904	-0.00628
stat204	-0.16832	-0.19029
stat205	0.11971	0.13427
stat206	-0.26813	-0.26051
stat207	0.29431	0.33493
stat208	-0.08659	-0.08234
stat209	-0.52123	-0.55233
stat210	0.01277	0.04364
stat211	-0.13731	-0.13036
stat212	-0.04742	-0.05287
stat213	0.14032	0.14911
stat214	0.13297	0.11273
stat215	-0.16617	-0.16709
stat216	-0.09548	-0.08632
stat217	-0.10427	-0.05871
x18sqrt	11.17855	11.47347

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

Number of Observations and Percent Classified into highcd			
From highcd	0	1	Total
0	3589 67.76	1708 32.24	5297 100.00
1	97 33.80	190 66.20	287 100.00
Total	3686 66.01	1898 33.99	5584 100.00
Priors	0.5	0.5	

Error Count Estimates for highcd			
	0	1	Total
Rate	0.3224	0.3380	0.3302
Priors	0.5000	0.5000	

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

Number of Observations and Percent Classified into highcd			
From highcd	0	1	Total
0	3476 65.62	1821 34.38	5297 100.00
1	190 66.20	97 33.80	287 100.00
Total	3666 65.65	1918 34.35	5584 100.00
Priors	0.5	0.5	

Error Count Estimates for highcd			
	0	1	Total
Rate	0.3438	0.6620	0.5029
Priors	0.5000	0.5000	