

The CANDISC Procedure

Total Sample Size	170	DF Total	169
Variables	54	DF Within Classes	168
Classes	2	DF Between Classes	1

Number of Observations Read	170
Number of Observations Used	170

Class Level Information				
Class	Variable Name	Frequency	Weight	Proportion
0	0	86	86.0000	0.505882
1	1	84	84.0000	0.494118

The CANDISC Procedure

Multivariate Statistics and Exact F Statistics					
S=1 M=26 N=56,5					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.03042667	67.86	54	115	<.0001
Pillai's Trace	0.96957333	67.86	54	115	<.0001
Hotelling-Lawley Trace	31.86590295	67.86	54	115	<.0001
Roy's Greatest Root	31.86590295	67.86	54	115	<.0001

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	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)				Test of H0: The canonical correlations in the current row and all that follow are zero				
					Eigenvalue	Difference	Proportion	Cumulative	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.984669	0.979912	0.002341	0.969573	31.8659		1.0000	1.0000	0.03042667	67.86	54	115	<.0001

Note: The F statistic is exact.

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Total Canonical Structure	
Variable	Can1
Atr1	0.874735
Atr2	0.833553
Atr3	0.819269
Atr4	0.832343
Atr5	0.907086
Atr6	0.427466
Atr7	0.553318
Atr8	0.883108
Atr9	0.926573
Atr10	0.847896
Atr11	0.932685
Atr12	0.882512
Atr13	0.857895
Atr14	0.877773
Atr15	0.915251
Atr16	0.900059
Atr17	0.943816
Atr18	0.937582
Atr19	0.943085
Atr20	0.921130
Atr21	0.877979
Atr22	0.838797
Atr23	0.850543
Atr24	0.852461
Atr25	0.870396
Atr26	0.886458
Atr27	0.883331
Atr28	0.859787
Atr29	0.906857
Atr30	0.888147
Atr31	0.804948
Atr32	0.841964
Atr33	0.874739
Atr34	0.848170
Atr35	0.876055

Total Canonical Structure	
Variable	Can1
Atr36	0.900300
Atr37	0.877043
Atr38	0.897064
Atr39	0.910133
Atr40	0.953299
Atr41	0.908280
Atr42	0.751145
Atr43	0.575058
Atr44	0.860528
Atr45	0.554958
Atr46	0.450370
Atr47	0.666629
Atr48	0.629480
Atr49	0.752236
Atr50	0.767007
Atr51	0.703466
Atr52	0.661621
Atr53	0.722249
Atr54	0.819326

Between Canonical Structure	
Variable	Can1
Atr1	1.000000
Atr2	1.000000
Atr3	1.000000
Atr4	1.000000
Atr5	1.000000
Atr6	1.000000
Atr7	1.000000
Atr8	1.000000
Atr9	1.000000
Atr10	1.000000
Atr11	1.000000
Atr12	1.000000
Atr13	1.000000
Atr14	1.000000
Atr15	1.000000
Atr16	1.000000
Atr17	1.000000
Atr18	1.000000
Atr19	1.000000
Atr20	1.000000
Atr21	1.000000
Atr22	1.000000
Atr23	1.000000
Atr24	1.000000
Atr25	1.000000
Atr26	1.000000
Atr27	1.000000
Atr28	1.000000
Atr29	1.000000
Atr30	1.000000
Atr31	1.000000
Atr32	1.000000
Atr33	1.000000
Atr34	1.000000
Atr35	1.000000
Atr36	1.000000
Atr37	1.000000
Atr38	1.000000
Atr39	1.000000
Atr40	1.000000
Atr41	1.000000
Atr42	1.000000
Atr43	1.000000
Atr44	1.000000
Atr45	1.000000
Atr46	1.000000
Atr47	1.000000
Atr48	1.000000
Atr49	1.000000

Between Canonical Structure	
Variable	Can1
Atr50	1.000000
Atr51	1.000000
Atr52	1.000000
Atr53	1.000000
Atr54	1.000000

Pooled Within Canonical Structure	
Variable	Can1
Atr1	0.300325
Atr2	0.254526
Atr3	0.241826
Atr4	0.253399
Atr5	0.351846
Atr6	0.082200
Atr7	0.115100
Atr8	0.311946
Atr9	0.394812
Atr10	0.268712
Atr11	0.411161
Atr12	0.311086
Atr13	0.279620
Atr14	0.304429
Atr15	0.368397
Atr16	0.338955
Atr17	0.445904
Atr18	0.425565
Atr19	0.443391
Atr20	0.381548
Atr21	0.304712
Atr22	0.259531
Atr23	0.271511
Atr24	0.273578
Atr25	0.294675
Atr26	0.316887
Atr27	0.312270
Atr28	0.281791
Atr29	0.351407
Atr30	0.319446
Atr31	0.230280
Atr32	0.262651
Atr33	0.300331
Atr34	0.268999
Atr35	0.302093
Atr36	0.339377
Atr37	0.303431
Atr38	0.333792
Atr39	0.357809
Atr40	0.482297
Atr41	0.354155
Atr42	0.194682
Atr43	0.121699
Atr44	0.282651
Atr45	0.115586
Atr46	0.087649
Atr47	0.154137
Atr48	0.139922
Atr49	0.195309
Atr50	0.204124
Atr51	0.170133
Atr52	0.152120
Atr53	0.179205
Atr54	0.241875

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Total-Sample Standardized Canonical Coefficients	
Variable	Can1
Atr1	0.240328051
Atr2	0.526242083
Atr3	0.197883222

Total-Sample Standardized Canonical Coefficients	
Variable	Can1
Atr4	0.449760402
Atr5	-0.594411410
Atr6	0.612034653
Atr7	0.166995065
Atr8	0.492292370
Atr9	0.326189154
Atr10	-0.289916953
Atr11	0.421168535
Atr12	-0.686776892
Atr13	-0.289420480
Atr14	0.792642757
Atr15	0.489418769
Atr16	-0.066752236
Atr17	1.882544559
Atr18	0.309927240
Atr19	-0.839377642
Atr20	-0.277202198
Atr21	0.254637827
Atr22	-0.876546583
Atr23	-0.606091038
Atr24	-1.083508199
Atr25	-0.553443009
Atr26	1.600126356
Atr27	-0.925353870
Atr28	0.988380488
Atr29	1.085831113
Atr30	-0.239646253
Atr31	0.443336596
Atr32	0.241109742
Atr33	0.561568082
Atr34	-0.244006685
Atr35	-0.942561638
Atr36	0.443653239
Atr37	-0.585103357
Atr38	0.103740424
Atr39	0.109594307
Atr40	2.238491999
Atr41	0.326012676
Atr42	-0.150855727
Atr43	-0.034419431
Atr44	0.002063948
Atr45	0.188977067
Atr46	-0.279959362
Atr47	0.318994143
Atr48	-0.474353216
Atr49	0.500834042
Atr50	0.247928090
Atr51	-0.171802411
Atr52	0.665401769
Atr53	0.368081734
Atr54	-0.792444135

Pooled Within-Class Standardized Canonical Coefficients	
Variable	Can1
Atr1	0.1224629093
Atr2	0.3015106254
Atr3	0.1172865174
Atr4	0.2584608275
Atr5	-.2681009941
Atr6	0.5568272447
Atr7	0.1404487125
Atr8	0.2438220255
Atr9	0.1339290483
Atr10	-.1600463143
Atr11	0.1671456455
Atr12	-.3408562877
Atr13	-.1553501035
Atr14	0.3998436750
Atr15	0.2127260764
Atr16	-.0310106818
Atr17	0.6971196561

Pooled Within-Class Standardized Canonical Coefficients	
Variable	Can1
Atr18	0.1194589560
Atr19	-.3123469368
Atr20	-.1170805270
Atr21	0.1283612120
Atr22	-.4956313251
Atr23	-.3321715250
Atr24	-.5906657819
Atr25	-.2859973701
Atr26	0.7831118758
Atr27	-.4579493912
Atr28	0.5275991110
Atr29	0.4902375410
Atr30	-.1165665717
Atr31	0.2711200912
Atr32	0.1352210814
Atr33	0.2861516586
Atr34	-.1346017239
Atr35	-.4782074497
Atr36	0.2059034955
Atr37	-.2958759347
Atr38	0.0487766467
Atr39	0.0487705003
Atr40	0.7740801667
Atr41	0.1462774090
Atr42	-.1018298547
Atr43	-.0284541428
Atr44	0.0010993331
Atr45	0.1587370933
Atr46	-.2516709338
Atr47	0.2413658835
Atr48	-.3733483166
Atr49	0.3374760409
Atr50	0.1629845507
Atr51	-.1242797338
Atr52	0.5063189850
Atr53	0.2595355129
Atr54	-.4696245710

Raw Canonical Coefficients	
Variable	Can1
Atr1	0.147689100
Atr2	0.358315953
Atr3	0.139802968
Atr4	0.298977775
Atr5	-0.364185013
Atr6	0.676995108
Atr7	0.185818959
Atr8	0.318353323
Atr9	0.209367281
Atr10	-0.203947257
Atr11	0.255705897
Atr12	-0.467623409
Atr13	-0.195763212
Atr14	0.527456369
Atr15	0.324828934
Atr16	-0.044375871
Atr17	1.166014797
Atr18	0.197910379
Atr19	-0.511495383
Atr20	-0.178359918
Atr21	0.175352418
Atr22	-0.605965329
Atr23	-0.375977350
Atr24	-0.720233293
Atr25	-0.361708787
Atr26	1.066433376
Atr27	-0.635074947
Atr28	0.673380730
Atr29	0.681919645
Atr30	-0.159294806
Atr31	0.269185612

Raw Canonical Coefficients	
Variable	Can1
Atr32	0.148517376
Atr33	0.314568307
Atr34	-0.149650050
Atr35	-0.511642199
Atr36	0.246691697
Atr37	-0.340959180
Atr38	0.059799585
Atr39	0.063736307
Atr40	1.246349142
Atr41	0.189348350
Atr42	-0.095840169
Atr43	-0.025525245
Atr44	0.001225428
Atr45	0.125991046
Atr46	-0.204083889
Atr47	0.201024626
Atr48	-0.417069505
Atr49	0.331330051
Atr50	0.176449978
Atr51	-0.136325341
Atr52	0.450650395
Atr53	0.244469607
Atr54	-0.475197284

Class Means on Canonical Variables	
Class	Can1
0	-5.546049126
1	5.678097915

Discriminant Result

The FREQ Procedure

Frequency Row Pct	Table of COL55 by COL60		
	COL55	COL60	
		0	Total
	0	86 100.00	86
	1	84 100.00	84
	Total	170	170