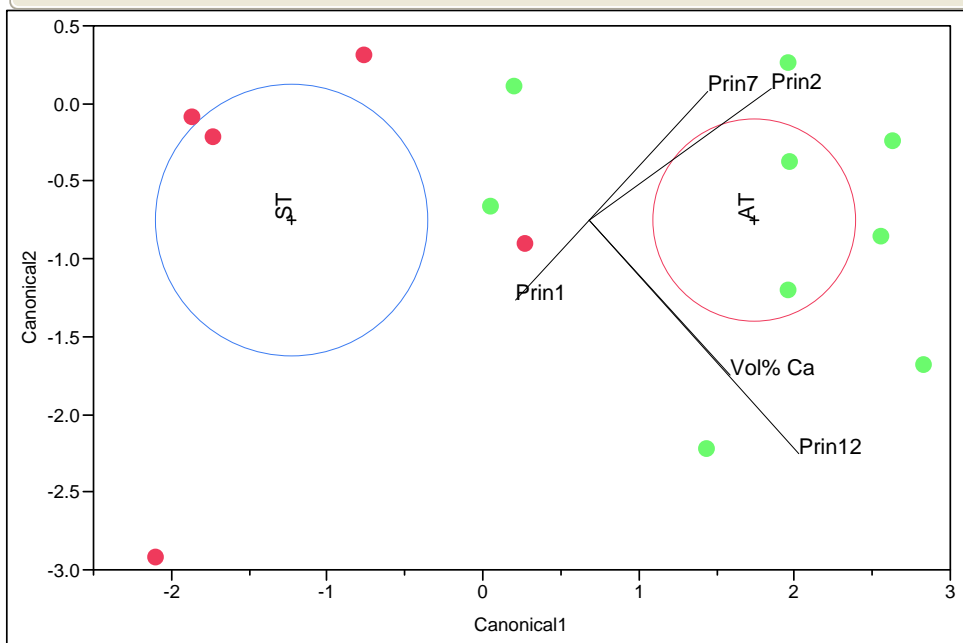


Discriminant Analysis

Discriminant Method: Linear

Canonical Plot



Canonical

Eigenvalue	Percent	Cum Percent	Corr
2.36369211	100.0000	100.0000	0.83827658
4.4409e-16	0.0000	100.0000	0
1.129e-16	0.0000	100.0000	0
2.8332e-17	0.0000	100.0000	0
-2.674e-17	0.0000	100.0000	0

Test	Value	Exact F	NumDF	DenDF	Prob>F
Wilks' Lambda	0.2972924	3.7819	5	8	0.0470*
Pillai's Trace	0.7027076	3.7819	5	8	0.0470*
Hotelling-Lawley	2.3636921	3.7819	5	8	0.0470*
Roy's Max Root	2.3636921	3.7819	5	8	0.0470*

Within Matrix

Between Matrix

Eigenvectors

	Vol% Ca	Prin1	Prin2	Prin7	Prin12
Canon1	0.0414851	-0.107398	0.4529266	0.6643445	2.4678829
Canon2	-0.045685	-0.117093	0.3278663	0.7226683	-2.754443
Canon3	-0.080141	-0.04883	0.2978744	0.9187885	0
Canon4	0.0193141	0.2300781	-0.190571	0.673928	0
Canon5	0.0098243	0.246382	0.2320707	-0.595576	0

Scoring Coefs

Discriminant Analysis

Discriminant Scores

Number Misclassified 3
 Percent Misclassified 21.43
 -2LogLikelihood 2.626

Row	Actual	SqDist(Actual)	Prob(Actual)	-Log(Prob)		Predicted	Prob(Pred)	Others
1	AT	3.551297	0.9995	0.000		AT	0.9995	
2	AT	5.066475	0.4658	0.764	■	* ST	0.5342	
3	AT	2.380469	0.9940	0.006		AT	0.9940	
4	AT	3.731855	0.9716	0.029		AT	0.9716	
5	AT	7.327743	0.3573	1.029	■	* ST	0.6427	
6	AT	5.875369	0.9939	0.006		AT	0.9939	
7	AT	0.977726	0.9990	0.001		AT	0.9990	
8	AT	3.516157	0.9939	0.006		AT	0.9939	
9	AT	7.157939	0.9992	0.001		AT	0.9992	
10	ST	7.286889	0.9991	0.001		ST	0.9991	
11	ST	3.126712	0.9972	0.003		ST	0.9972	
12	ST	4.181525	0.9981	0.002		ST	0.9981	
13	ST	1.515780	0.9525	0.049		ST	0.9525	
14	ST	4.304064	0.4822	0.729	■	* AT	0.5178	
15		.	.	.			.
16		.	.	.			.
17		.	.	.			.
18		.	.	.			.
19		.	.	.			.
20		.	.	.			.
21		.	.	.			.

* indicates misclassified

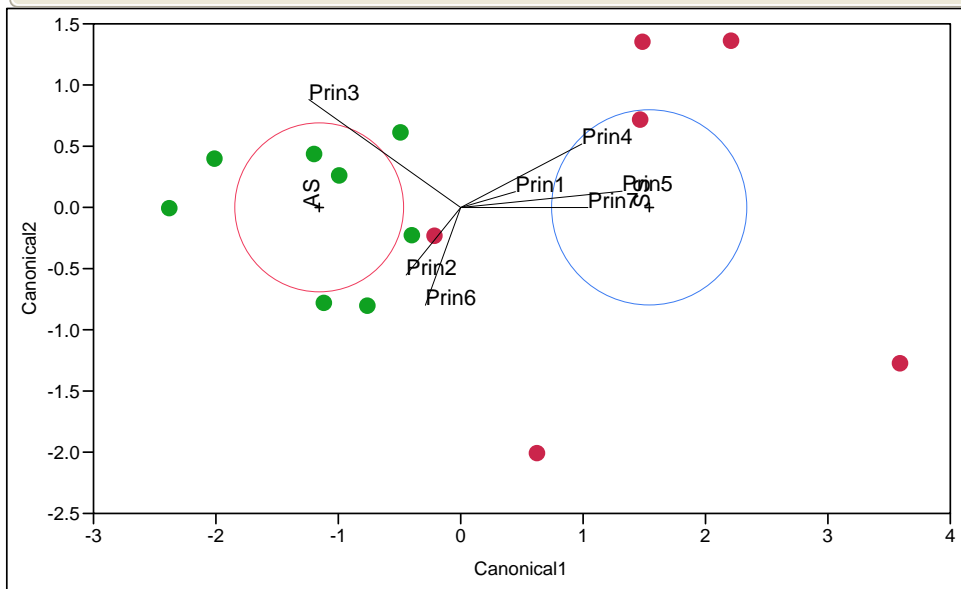
Counts: Actual Rows by Predicted Columns

	AT	ST
AT	7	2
ST	1	4

Discriminant Analysis

Discriminant Method: Linear

Canonical Plot



Canonical			
Eigenvalue	Percent	Cum Percent	Corr
2.07651024	100.0000	100.0000	0.82155729
8.7544e-17	0.0000	100.0000	0
7.8664e-18	0.0000	100.0000	0
-1.361e-17	0.0000	100.0000	0
-1.012e-16	0.0000	100.0000	0
-1.367e-16	0.0000	100.0000	0
-4.441e-16	0.0000	100.0000	0

Test	Value	Exact F	NumDF	DenDF	Prob>F
Wilks' Lambda	0.3250436	1.7799	7	6	0.2498
Pillai's Trace	0.6749564	1.7799	7	6	0.2498
Hotelling-Lawley	2.0765102	1.7799	7	6	0.2498
Roy's Max Root	2.0765102	1.7799	7	6	0.2498

Within Matrix
Between Matrix

Eigenvectors							
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7
Canon1	0.1046359	-0.141437	-0.568223	0.4785507	0.8269166	-0.181283	0.7269402
Canon2	0.0302397	-0.174919	0.4040574	0.250626	0.0834898	-0.500473	0
Canon3	0.3218577	-0.026238	-0.029265	-0.221559	-0.113626	-0.106848	0
Canon4	0.0638758	0.4192009	0.1180265	0.2231719	0.1157193	-0.101369	0
Canon5	0.0729278	-0.069835	-0.010086	0.4601977	-0.416916	0.4504943	0
Canon6	0.049307	-0.042678	0.281506	-0.07833	0.464143	0.6213593	0
Canon7	-0.027668	0.037399	0.1502502	-0.126539	-0.218654	0.0479352	0.8936017

Scoring Coefs

Discriminant Scores

Number Misclassified	1
Percent Misclassified	7.143
-2LogLikelihood	2.203

Row	Actual	SqDist(Actual)	Prob(Actual)	-Log(Prob)	Predicted	Prob(Pred)	Others
1	AS	9.590996	0.9592	0.042	AS	0.9592	
2	AS	5.668975	0.9267	0.076	AS	0.9267	
3	AS	5.324856	0.9761	0.024	AS	0.9761	
4	AS	5.317731	0.9990	0.001	AS	0.9990	
5	AS	5.600641	0.8260	0.191	AS	0.8260	SS 0.17
6	AS	4.979894	0.9973	0.003	AS	0.9973	
7	AS	5.980430	0.8591	0.152	AS	0.8591	SS 0.14
8	AS	1.771235	0.9706	0.030	AS	0.9706	
9	SS	5.946345	0.7684	0.263	SS	0.7684	AS 0.23
10	SS	9.156324	0.9999	0.000	SS	0.9999	
11	SS	5.611729	0.2575	1.357	* AS	0.7425	
12	SS	8.790168	0.9713	0.029	SS	0.9713	
13	SS	2.672862	0.9699	0.031	SS	0.9699	
14	SS	7.587815	0.9958	0.004	SS	0.9958	

* indicates misclassified

Counts: Actual Rows by Predicted Columns

	AS	SS
AS	8	0
SS	1	5