The CANDISC Procedure

Total Sample Size	36	**DF Total**	35
Variables	4	**DF Within Classes**	33
Classes	3	**DF Between Classes**	2

Number of Observations Read	36
Number of Observations Used	36

Class Level Information

METHOD	Variable Name	Frequency	Weight	Proportion
1	_1	12	12.0000	0.333333
2	_2	12	12.0000	0.333333
3	_3	12	12.0000	0.333333

The CANDISC Procedure

Multivariate Statistics and F Approximations					
S=2 M=0.5 N=14					
Statistic	**Value**	**F Value**	**Num DF**	**Den DF**	**Pr > F**
Wilks' Lambda	0.22448732	8.33	8	60	<.0001
Pillai's Trace	0.85987383	5.84	8	62	<.0001
Hotelling-Lawley Trace	3.07879980	11.33	8	40.602	<.0001
Roy's Greatest Root	2.95147543	22.87	4	31	<.0001
NOTE: F Statistic for Roy's Greatest Root is an upper bound.					
NOTE: F Statistic for Wilks' Lambda is exact.					

The CANDISC Procedure

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.864251	0.850266	0.042777	0.746930	2.9515	2.8242	0.9586	0.9586
2	0.336071	0.268316	0.149940	0.112944	0.1273		0.0414	1.0000

	Test of H0: The canonical correlations in the current row and all that follow are zero				
	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.22448732	8.33	8	60	<.0001
2	0.88705614	1.32	3	31	0.2869

The CANDISC Procedure

Total Canonical Structure		
Variable	**Can1**	**Can2**
AROMA	0.311890	0.001306
FLAVOR	0.670913	0.507224
TEXTURE	-0.415552	0.604717
MOISTURE	-0.254745	0.449071

Between Canonical Structure		
Variable	**Can1**	**Can2**
AROMA	0.999999	0.001628
FLAVOR	0.959400	0.282049
TEXTURE	-0.870319	0.492489
MOISTURE	-0.824816	0.565402

Pooled Within Canonical Structure		
Variable	**Can1**	**Can2**
AROMA	0.162930	0.001277
FLAVOR	0.423635	0.599626
TEXTURE	-0.229499	0.625263
MOISTURE	-0.132977	0.438875

The CANDISC Procedure

Total-Sample Standardized Canonical Coefficients		
Variable	**Can1**	**Can2**
AROMA	0.076451972	-1.171691404
FLAVOR	1.893250054	1.058972270
TEXTURE	-1.259653297	0.883045820
MOISTURE	-0.442398582	-0.086012552

Pooled Within-Class Standardized Canonical Coefficients		
Variable	**Can1**	**Can2**
AROMA	0.075820332	-1.162010988
FLAVOR	1.553387218	0.868873071
TEXTURE	-1.181660941	0.828371392
MOISTURE	-0.439076751	-0.085366711

Raw Canonical Coefficients		
Variable	**Can1**	**Can2**
AROMA	0.118947483	-1.822971192
FLAVOR	3.064352847	1.714018010
TEXTURE	-1.992418219	1.396730818
MOISTURE	-0.775971076	-0.150866787

Class Means on Canonical Variables		
METHOD	**Can1**	**Can2**
1	1.709200429	0.327723256
2	0.511874865	-0.471301224
3	-2.221075294	0.143577968

Obs	METHOD	AROMA	FLAVOR	TEXTURE	MOISTURE	Can1	Can2	Can3	Can4
1	1	5.4	6.0	6.3	6.7	0.26207	1.84515	.	.
2	1	5.2	6.5	6.0	5.8	3.06656	2.78352	.	.
3	1	6.1	5.9	6.0	7.0	0.40383	-0.06661	.	.
4	1	4.8	5.0	4.9	5.0	1.23489	-0.47403	.	.
5	1	5.0	5.7	5.0	6.5	2.04053	0.27456	.	.
6	1	5.7	6.1	6.0	6.6	1.27951	1.06573	.	.
7	1	6.0	6.0	5.8	6.0	1.87283	0.15861	.	.
8	1	4.0	5.0	4.0	5.0	2.93291	-0.27271	.	.
9	1	5.7	5.4	4.9	5.0	2.56768	-1.42910	.	.
10	1	5.6	5.2	5.4	5.8	0.32593	-1.01193	.	.
11	1	5.8	6.1	5.2	6.4	3.04054	-0.20378	.	.
12	1	5.3	5.9	5.8	6.0	1.48313	1.26329	.	.
13	2	5.0	5.3	5.3	6.5	0.21706	0.00797	.	.
14	2	4.8	4.9	4.2	5.6	1.85756	-1.71367	.	.
15	2	3.9	4.0	4.4	5.0	-0.94031	-1.24574	.	.
16	2	4.0	5.1	4.8	5.8	1.02463	0.89538	.	.
17	2	5.6	5.4	5.1	6.2	1.22614	-1.14850	.	.
18	2	6.0	5.5	5.7	6.0	0.53989	-0.83807	.	.
19	2	5.2	4.8	5.4	6.0	-1.10258	-0.99853	.	.
20	2	5.3	5.1	5.8	6.4	-1.27874	-0.16827	.	.
21	2	5.9	6.1	5.7	6.0	2.36661	0.37264	.	.
22	2	6.1	6.0	6.1	6.2	1.13180	0.36516	.	.
23	2	6.2	5.7	5.9	6.0	0.77807	-0.58052	.	.
24	2	5.1	4.9	5.3	4.8	0.32236	-0.60346	.	.
25	3	4.8	5.0	6.5	7.0	-3.50492	1.45900	.	.
26	3	5.4	5.0	6.0	6.4	-1.97176	-0.24263	.	.
27	3	4.9	5.1	5.9	6.5	-1.60316	0.68550	.	.
28	3	5.7	5.2	6.4	6.4	-2.12018	0.11198	.	.
29	3	4.2	4.6	5.3	6.3	-1.86795	0.29671	.	.
30	3	6.0	5.3	5.8	6.4	-0.58261	-1.10155	.	.
31	3	5.1	5.2	6.2	6.5	-1.87066	0.91133	.	.
32	3	4.8	4.6	5.7	5.7	-2.12797	-0.14786	.	.
33	3	5.3	5.4	6.8	6.6	-2.50705	1.71249	.	.
34	3	4.6	4.4	5.7	5.6	-2.68703	-0.11099	.	.
35	3	4.5	4.0	5.0	5.9	-2.76277	-1.63727	.	.
36	3	4.4	4.2	5.6	5.5	-3.04685	-0.21378	.	.

Plot of Can2*Can1. Symbol is value of METHOD.