

The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	1.00000000	0.00000000	0.2500	0.2500
2	1.00000000	0.00000000	0.2500	0.5000
3	1.00000000	0.00000000	0.2500	0.7500
4	1.00000000		0.2500	1.0000

Root-Mean-Square Total-Sample Standard Deviation	1
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Root-Mean-Square Distance Between Observations	2.828427
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Cluster History											
Number of Clusters	Clusters Joined		Freq	New Cluster RMS Std Dev	Semipartial R-Square	R-Square	Approximate Expected R-Square	Cubic Clustering Criterion	Pseudo F Statistic	Pseudo t-Squared	Tie
25	CL33	CL51	93	0.6053	0.0052	.771	.805	-13	267	39.0	
24	CL76	Molecule445	5	1.8045	0.0053	.766	.801	-13	271	10.5	
23	CL65	CL84	79	0.5314	0.0053	.760	.796	-13	275	67.4	
22	CL56	CL44	60	0.7770	0.0058	.755	.791	-13	279	26.7	
21	CL25	CL54	130	0.6705	0.0070	.748	.786	-14	283	39.2	
20	CL55	CL39	57	0.8108	0.0084	.739	.781	-15	285	43.3	
19	CL46	CL40	130	0.6605	0.0094	.730	.775	-15	287	61.3	
18	CL43	CL34	317	0.4227	0.0099	.720	.768	-16	289	162	
17	CL31	CL41	194	0.5857	0.0105	.709	.761	-17	292	84.9	
16	CL47	CL24	19	1.5438	0.0110	.698	.754	-18	295	16.6	
15	CL22	CL26	175	0.7666	0.0116	.687	.746	-18	300	48.4	
14	CL35	CL37	229	0.5095	0.0124	.674	.736	-19	305	153	
13	CL23	CL42	109	0.7473	0.0140	.660	.726	-20	311	86.8	
12	CL27	CL49	294	0.5471	0.0143	.646	.715	-20	318	134	
11	CL14	CL18	546	0.5333	0.0204	.626	.702	-22	321	185	
10	CL11	CL28	790	0.5498	0.0225	.603	.687	-23	324	176	
9	CL30	CL21	163	0.8571	0.0227	.580	.669	-24	332	93.9	
8	CL17	CL20	251	0.7889	0.0273	.553	.649	-25	340	127	
7	CL15	CL16	194	1.0158	0.0280	.525	.624	-26	355	71.4	
6	CL12	CL19	424	0.7381	0.0448	.480	.594	-29	356	253	
5	CL7	CL13	303	1.0727	0.0456	.435	.555	-30	370	102	
4	CL10	CL9	953	0.7070	0.0613	.373	.454	-19	383	315	
3	CL6	CL8	675	0.9500	0.1152	.258	.335	-18	336	388	

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2	CL3	CL4	1628	0.9013	0.1231	.135	.188	-15	301	356	
1	CL2	CL5	1931	1.0000	0.1351	.000	.000	0.00	.	301	

