

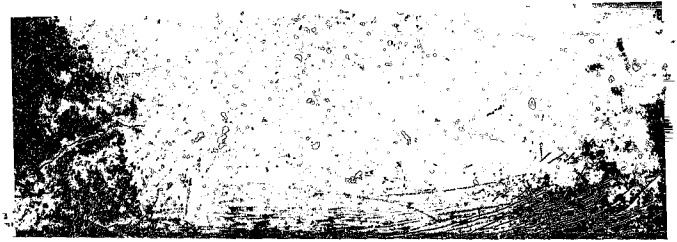
https://dspace.org/

A numerical taxonomic study of the Brachylaena discolor-uniflora species complex (Compositae)

Haines, David William

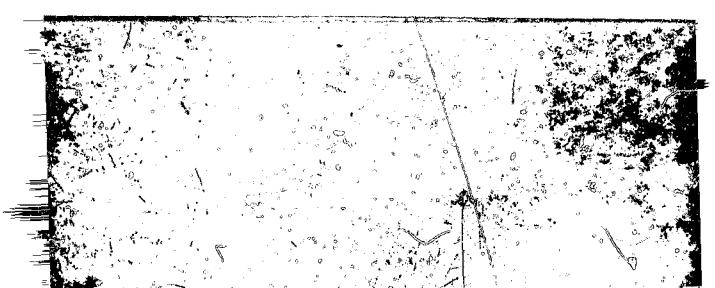
2015-01-23
http://hdl.handle.net/10539/16710

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COMPUTE CORRELATIONS

	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 333	-0.121	0.486	0.193	0.151	0.286	-0.309	-0.406	0.312	-0.387	-0.301
OTU 336	0.045	0.280	0.359	0.381	-0.195	-0.465	-0.259	0.169	-0.312	-0.309
OTU 337	0.038	0.697	0.454	0.159	0.048	-0.407	-0.381	0.039	-0.425	-0.385
OTU 339	-0.167	0.580	0.323	0.102	0.320	-0.346	-0.386	0.100	-0.405	-0.348
OTU 340	-0.016	0.458	0.679	0.279	0.336	-0.466	-0.384	-0.166	-0.457	-0.446
OTU 341	-0.177	0.426	0.351	0.086	0.260	-0.278	-0.175	0.313	-0.353	-0.439
OTU 342	0.094	0.583	0.202	0.268	0.046	-0.374	-0.459	0.285	-0.417	-0.232
OTU 343	0.154	0.579	0.305	0.338	0.126	-0.470	-0.402	0.194	-0.446	-0.434
OTU 344	0.050	0.496	0.398	0.256	0.194	-0.346	-0.096	0.100	-0.311	-0.309
OTU 345	0.094	0.469	0.406	0.266	0.170	-0.328	-0.444	-0.050	-0.396	-0.277





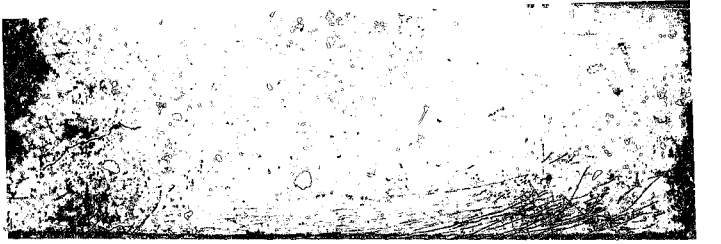
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 138	OTU 140	OTU 143	OTU 145	OTU 147	OTU 149	OTU 151	OTU 152	OTU 153	OTU 154
OTU 138	1.000									
OTU 140	0.211	1.000								
OTU 143	0.402	0.393	1.000							
OTU 145	0.481	0.175	0.348	1.000						
OTU 147	0.068	0.239	0.091	0.102	1.000					
OTU 148	0.098	0.096	0.246	0.143	-0.078	1.000				
OTU 151	0.388	-0.089	0.271	0.478	-0.268	0.337	1.000			
OTU 152	0.269	0.045	0.362	0.560	0.308	0.170	-0.060	1.000		
OTU 153	-0.032	-0.004	0.117	-0.092	0.217	0.065	-0.086	0.228	1.000	
OTU 154	0.348	-0.038	0.236	0.133	-0.068	0.215	0.289	0.280	-0.207	1.000
OTU 158	0.172	-0.149	-0.106	-0.267	-0.105	0.228	-0.028	-0.061	0.133	-0.071
OTU 159	0.383	0.081	0.327	0.062	0.084	-0.065	0.051	0.243	0.192	0.184
OTU 162	0.196	-0.022	0.113	0.208	0.055	0.184	0.396	-0.238	-0.283	0.378
OTU 165	0.155	-0.251	0.148	0.139	0.258	0.338	0.109	0.403	0.219	0.116
OTU 166	0.711	0.220	0.369	0.376	-0.197	-0.199	0.317	0.210	-0.069	0.238
OTU 167	0.606	0.379	0.388	0.193	0.131	-0.266	0.066	0.310	0.092	0.250
OTU 171	0.117	0.154	-0.090	0.369	0.154	-0.073	0.158	0.058	0.192	-0.134
OTU 177	-0.264	0.169	0.186	0.101	0.328	-0.242	-0.000	0.021	0.139	-0.101
OTU 181	0.092	0.039	0.257	-0.005	-0.132	0.210	0.222	0.296	0.468	-0.105
OTU 184	0.117	-0.022	0.09	0.225	0.159	-0.087	0.182	0.327	0.309	0.005
OTU 185	0.217	0.077	0.11	-0.171	-0.308	-0.389	0.810	-0.059	0.018	0.072
OTU 187	0.508	0.078	0.054	0.110	-0.060	0.157	0.115	0.338	0.068	0.175
OTU 189	0.308	-0.094	0.096	0.063	-0.076	-0.092	0.216	0.349	0.338	0.147
OTU 193	-0.100	0.154	-0.198	0.040	0.135	-0.062	-0.108	-0.284	-0.127	0.157
OTU 194	0.006	0.021	0.045	0.284	0.170	0.173	-0.036	0.099	0.327	0.202
OTU 196	-0.096	0.174	-0.099	0.003	0.186	-0.224	-0.030	-0.273	-0.350	0.270
OTU 197	0.006	0.187	-0.003	-0.041	-0.208	-0.260	0.227	0.011	0.213	0.011
OTU 199	-0.100	-0.154	-0.365	0.107	0.077	-0.243	0.021	-0.367	-0.040	0.032
OTU 200	0.059	0.056	0.088	0.224	-0.068	0.195	0.148	-0.168	-0.263	0.368
OTU 202	-0.006	-0.123	0.055	-0.115	-0.216	-0.430	0.099	-0.078	-0.111	-0.028
OTU 206	0.117	0.043	0.145	0.151	0.085	0.039	0.146	0.143	0.081	0.167
OTU 209	-0.087	0.206	-0.236	0.274	0.080	-0.021	0.111	-0.172	-0.011	-0.244
OTU 210	-0.087	0.153	-0.297	0.196	-0.169	-0.051	0.056	-0.336	-0.261	0.185
OTU 212	0.246	-0.059	0.086	0.369	-0.184	-0.111	0.312	-0.043	-0.152	-0.120
OTU 213	0.403	0.315	-0.376	0.018	-0.111	-0.149	0.401	0.257	0.113	-0.423
OTU 216	-0.220	-0.114	-0.290	-0.316	-0.072	-0.250	-0.508	-0.039	-0.118	-0.054
OTU 218	-0.606	-0.101	-0.393	0.566	0.118	-0.045	-0.968	-0.037	0.249	-0.410
OTU 220	0.580	0.069	0.387	0.619	-0.180	-0.226	0.257	0.033	-0.062	0.149
OTU 227	0.424	0.502	0.336	0.181	0.271	0.052	0.559	0.014	0.014	0.176
OTU 229	0.279	0.116	0.093	0.389	-0.050	-0.362	0.161	-0.149	0.070	-0.058
OTU 231	0.527	0.296	0.261	0.359	-0.057	0.005	0.273	0.219	-0.145	0.168
OTU 234	0.434	0.192	0.200	0.287	-0.183	-0.283	0.446	0.043	-0.015	0.002
OTU 235	0.249	0.246	0.397	0.203	0.076	-0.075	0.331	-0.032	0.085	-0.077
OTU 236	0.270	-0.045	0.287	0.176	0.059	-0.186	0.374	0.135	0.048	0.248
OTU 239	0.364	0.217	0.215	0.710	-0.096	0.022	0.460	-0.029	-0.101	0.036
OTU 241	-0.176	-0.104	-0.100	0.279	0.116	-0.048	0.162	-0.075	0.046	-0.137
OTU 243	0.412	0.019	0.506	0.419	-0.146	-0.068	0.334	0.149	-0.185	0.037
OTU 244	0.482	0.025	0.404	0.476	-0.118	-0.359	0.422	0.261	0.060	-0.029
OTU 247	0.288	-0.104	0.314	0.309	-0.126	0.089	0.435	-0.172	-0.180	0.243
OTU 251	0.495	0.084	0.269	0.089	-0.095	-0.045	0.419	0.174	-0.325	0.279

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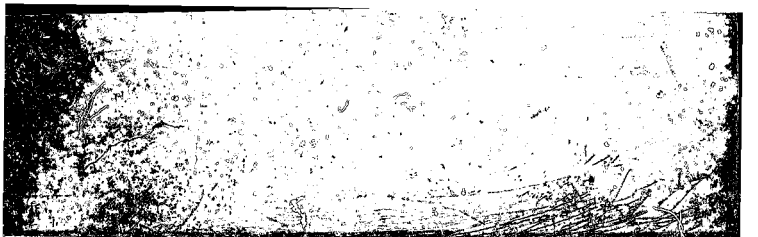




COMPUTE CORRELATIONS

	OTU 138	OTU 140	OTU 143	OTU 145	OTU 147	OTU 149	OTU 151	OTU 152	OTU 153	OTU 155
OTU 252	0.229	0.179	0.140	0.108	-0.071	-0.088	0.192	0.173	-0.138	0.152
OTU 254	0.372	0.136	0.125	0.355	0.028	-0.097	0.283	0.274	-0.056	0.207
OTU 256	0.490	0.233	0.489	0.544	0.006	-0.094	0.325	0.391	-0.068	0.268
OTU 259	0.032	-0.026	0.026	-0.066	-0.169	-0.184	0.105	-0.091	0.044	0.227
OTU 260	0.346	0.179	0.032	0.265	0.025	-0.262	0.136	-0.013	-0.060	0.228
OTU 262	0.247	-0.022	-0.095	-0.021	-0.290	0.037	0.165	-0.157	0.169	0.012
OTU 264	0.274	0.180	0.399	0.361	-0.151	0.335	0.294	0.132	0.209	-0.099
OTU 266	0.054	0.015	0.349	0.219	-0.101	0.085	0.325	0.248	0.051	0.141
OTU 268	0.653	0.057	0.328	0.425	-0.123	0.036	0.418	0.287	-0.108	0.430
OTU 270	0.651	0.114	0.259	0.262	0.002	-0.106	0.073	0.107	-0.153	0.322
OTU 272	0.256	0.084	-0.050	0.336	0.073	0.002	0.268	0.112	-0.156	0.208
OTU 273	0.520	-0.106	0.438	0.637	-0.062	0.026	0.186	0.286	0.032	0.239
OTU 276	0.344	0.198	0.574	0.545	0.127	0.079	0.282	-0.009	-0.081	0.153
OTU 278	0.675	0.272	0.274	0.187	0.183	-0.078	0.301	0.060	-0.230	0.263
OTU 280	0.127	0.318	0.023	0.155	0.050	-0.217	0.130	0.034	-0.176	0.126
OTU 282	0.068	0.150	-0.010	0.389	0.083	0.118	0.173	0.152	-0.257	0.190
OTU 283	0.284	0.067	0.530	0.471	-0.013	-0.034	0.184	0.223	-0.067	-0.026
OTU 286	0.662	0.155	0.239	0.500	-0.145	-0.319	0.346	0.083	-0.017	0.043
OTU 288	0.390	0.085	0.291	0.367	0.263	-0.006	0.254	0.227	0.055	0.169
OTU 289	0.072	0.216	0.169	0.101	0.015	-0.104	0.159	-0.037	-0.003	-0.013
OTU 292	0.159	0.169	0.201	0.346	0.082	0.015	0.054	0.052	-0.173	-0.129
OTU 294	0.492	0.367	0.466	0.598	0.169	-0.005	0.369	0.291	0.001	0.038
OTU 296	-0.804	-0.044	-0.469	-0.126	0.068	0.045	-0.413	-0.359	-0.092	-0.065
OTU 297	-0.332	-0.164	-0.191	-0.146	0.006	0.009	-0.246	-0.352	0.302	-0.310
OTU 298	-0.961	-0.198	-0.408	-0.311	-0.053	-0.158	-0.337	-0.166	0.156	-0.498
OTU 301	-0.350	-0.172	-0.199	-0.501	-0.124	-0.192	-0.287	-0.056	0.171	-0.354
OTU 305	-0.433	-0.365	-0.298	-0.363	0.193	0.180	-0.260	0.016	0.068	-0.266
OTU 306	-0.516	-0.198	-0.287	-0.409	0.153	0.178	-0.315	0.078	0.105	-0.298
OTU 308	-0.989	-0.368	-0.463	-0.506	-0.176	0.192	-0.069	-0.174	-0.181	0.174
OTU 310	-0.404	-0.138	-0.260	-0.408	-0.041	0.271	-0.275	-0.188	-0.054	-0.240
OTU 311	-0.894	-0.266	-0.246	-0.513	0.102	-0.168	-0.277	-0.330	0.051	-0.314
OTU 314	-0.663	-0.258	-0.418	-0.476	0.101	0.133	-0.464	-0.221	-0.132	-0.155
OTU 315	-0.702	-0.276	-0.261	-0.407	0.082	0.293	-0.254	-0.217	0.080	-0.082
OTU 316	-0.619	-0.226	-0.396	-0.485	0.074	0.058	-0.340	-0.033	0.209	0.064
OTU 322	-0.393	-0.211	-0.199	-0.299	0.021	0.021	-0.213	-0.181	0.089	-0.458
OTU 324	-0.614	-0.267	-0.418	-0.259	-0.017	-0.117	-0.419	-0.109	0.056	-0.304
OTU 326	-0.860	-0.148	-0.592	-0.455	0.020	0.119	-0.219	-0.233	0.090	-0.119
OTU 327	-0.012	-0.198	-0.262	-0.213	-0.399	-0.228	-0.147	-0.070	-0.123	0.180
OTU 330	-0.928	-0.279	-0.489	-0.424	0.193	0.031	-0.287	-0.321	0.093	-0.284
OTU 332	-0.349	-0.150	-0.365	-0.571	0.007	-0.162	-0.405	-0.133	0.053	-0.246
OTU 333	-0.962	-0.177	-0.507	-0.467	0.069	0.130	-0.273	-0.202	0.112	-0.145
OTU 336	-0.927	-0.349	-0.346	-0.537	-0.226	0.206	0.040	-0.228	0.044	-0.015
OTU 337	-0.469	-0.239	-0.419	-0.550	0.188	0.075	-0.498	-0.158	0.029	-0.034
OTU 339	-0.908	-0.235	-0.543	-0.481	0.098	-0.078	-0.536	-0.391	-0.116	-0.235
OTU 340	-0.438	-0.252	-0.351	-0.590	0.039	-0.266	-0.381	0.096	0.052	-0.166
OTU 341	-0.358	-0.304	-0.489	-0.589	-0.116	-0.015	-0.226	-0.289	-0.335	-0.140
OTU 342	-0.653	-0.198	-0.429	-0.479	0.004	0.095	-0.190	-0.269	-0.108	-0.210
OTU 343	-0.940	-0.358	-0.493	-0.566	-0.039	0.206	-0.153	-0.257	0.102	-0.166
OTU 344	-0.155	-0.248	-0.259	-0.439	0.007	0.164	-0.125	0.002	0.156	0.071
OTU 345	-0.959	-0.310	-0.541	-0.640	0.045	0.073	-0.483	-0.130	0.194	-0.179



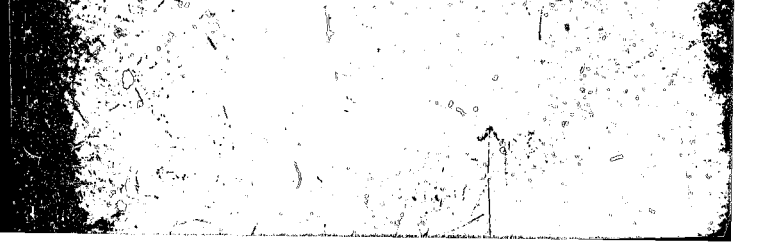


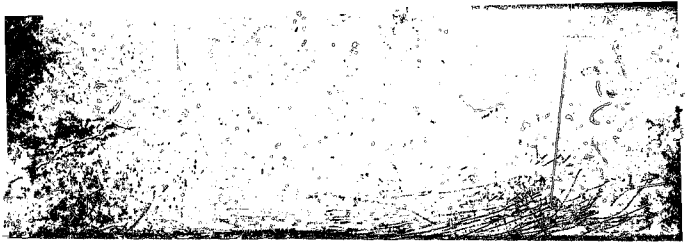
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 158	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 183
OTU 158	1.000									
OTU 159	-0.186	1.000								
OTU 162	0.079	-0.030	1.000							
OTU 165	0.140	0.352	0.104	1.000						
OTU 166	0.115	0.263	0.184	0.176	1.000					
OTU 167	0.090	0.437	-0.070	0.357	0.690	1.000				
OTU 171	-0.122	0.185	0.195	0.104	0.239	0.106	1.000			
OTU 177	-0.401	0.162	-0.047	0.015	-0.265	-0.214	0.173	1.000		
OTU 181	-0.098	0.468	-0.211	0.440	-0.011	0.089	-0.056	0.009	1.000	
OTU 183	-0.058	0.407	0.178	0.067	0.101	0.144	0.276	0.021	0.119	1.000
OTU 186	0.113	0.182	0.168	-0.164	0.321	0.292	0.012	-0.189	0.061	0.064
OTU 188	0.068	0.190	0.233	-0.002	0.362	0.159	0.138	-0.042	0.161	0.098
OTU 189	-0.078	0.339	0.139	0.305	0.255	0.392	0.308	-0.107	0.185	0.210
OTU 191	-0.308	0.166	0.000	0.000	0.236	-0.061	0.075	-0.196	0.007	0.024
OTU 196	-0.197	-0.149	-0.137	0.217	-0.127	0.068	0.225	-0.083	0.184	0.104
OTU 196	-0.191	-0.231	0.201	-0.198	0.015	0.108	-0.008	-0.075	-0.456	-0.094
OTU 197	-0.459	0.064	0.241	-0.353	-0.009	-0.004	0.188	0.088	0.050	-0.134
OTU 199	-0.168	-0.103	0.096	-0.193	-0.131	-0.218	0.307	0.157	-0.312	0.186
OTU 200	0.118	-0.414	0.310	-0.018	0.037	0.038	-0.011	-0.390	-0.418	-0.275
OTU 202	-0.294	0.306	-0.048	-0.278	0.077	-0.004	-0.172	0.269	0.096	0.120
OTU 206	0.349	0.151	0.034	0.360	0.213	0.209	0.207	-0.009	0.127	-0.062
OTU 209	-0.401	-0.079	-0.085	-0.110	-0.186	-0.204	0.473	0.316	-0.060	0.008
OTU 210	-0.425	-0.243	0.129	-0.188	-0.171	-0.215	0.115	0.093	-0.241	-0.103
OTU 212	-0.083	-0.160	-0.025	-0.265	0.201	0.214	-0.201	-0.078	-0.170	-0.262
OTU 213	0.375	-0.109	-0.151	-0.043	-0.183	-0.345	-0.071	0.204	-0.039	0.138
OTU 216	0.106	-0.020	-0.295	-0.218	-0.268	-0.099	-0.449	-0.078	0.011	0.008
OTU 218	0.179	0.137	-0.204	0.001	-0.453	-0.281	-0.196	0.178	-0.070	0.536
OTU 220	-0.346	0.186	0.127	-0.066	0.547	0.219	0.188	-0.063	0.094	0.179
OTU 227	-0.207	0.243	0.216	0.390	0.350	0.499	0.379	0.461	0.068	-0.069
OTU 229	-0.013	-0.109	0.006	-0.057	0.287	0.289	0.173	-0.126	0.011	-0.131
OTU 231	-0.225	0.015	-0.086	0.218	0.451	0.396	0.072	-0.148	0.161	0.063
OTU 234	-0.210	0.066	0.062	0.016	0.505	0.367	0.244	0.089	0.083	-0.273
OTU 235	0.113	-0.159	-0.014	0.082	0.067	0.048	0.243	0.173	-0.008	-0.095
OTU 236	-0.509	0.089	0.083	0.010	0.239	0.128	0.048	0.101	0.115	0.078
OTU 239	-0.191	-0.189	0.046	0.067	0.338	0.072	0.292	0.221	-0.143	-0.222
OTU 241	-0.509	-0.100	0.071	-0.029	-0.241	-0.261	0.296	0.497	0.116	-0.276
OTU 243	-0.019	0.039	0.103	0.008	0.358	0.181	0.096	0.052	0.106	-0.326
OTU 246	-0.167	0.256	-0.142	0.003	0.661	0.433	0.316	0.172	0.057	0.008
OTU 247	-0.020	0.253	0.187	-0.028	0.199	-0.060	-0.105	-0.048	0.025	-0.481
OTU 251	-0.323	0.067	0.062	-0.146	0.276	0.273	-0.082	-0.128	0.137	-0.177
OTU 252	-0.077	0.044	0.090	-0.113	0.197	0.289	0.008	-0.116	-0.081	-0.108
OTU 254	-0.025	0.199	-0.194	0.138	0.278	0.529	-0.068	-0.155	0.231	-0.106
OTU 256	-0.414	0.265	-0.032	-0.217	0.440	0.517	0.169	-0.097	0.205	-0.111
OTU 259	-0.156	0.055	-0.026	-0.329	0.057	-0.008	0.055	-0.006	-0.104	0.031
OTU 262	-0.094	0.072	0.188	-0.067	0.098	0.139	-0.164	0.110	-0.021	-0.009
OTU 262	0.178	-0.257	-0.123	0.265	0.292	-0.004	0.036	-0.062	-0.106	-0.044
OTU 266	-0.072	-0.338	-0.120	0.070	0.131	-0.110	-0.046	0.088	0.076	-0.159
OTU 266	-0.100	0.306	0.057	0.219	0.067	0.149	0.051	0.108	0.313	-0.061
OTU 268	-0.025	0.337	0.285	0.610	0.778	0.467	0.238	-0.208	0.018	0.135
OTU 270	-0.860	0.067	0.018	0.000	0.113	0.000	0.238	0.105	-0.286	0.086

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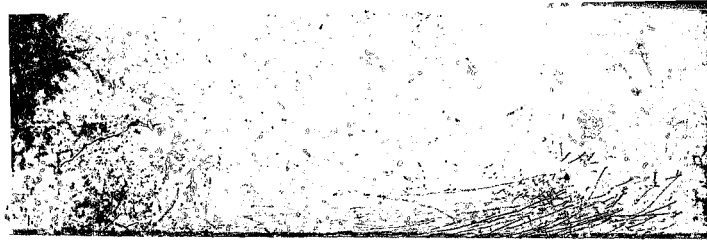


CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 158	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 182
OTU 272	0.240	-0.090	-0.033	0.081	0.206	0.151	0.005	-0.135	-0.048	-0.027
OTU 273	0.182	-0.045	0.086	-0.180	0.330	0.836	-0.195	-0.109	-0.109	-0.136
OTU 276	0.076	-0.170	0.838	0.194	0.311	0.859	0.079	-0.239	-0.139	-0.095
OTU 278	-0.198	-0.158	0.359	-0.094	0.213	0.854	0.231	-0.085	-0.088	-0.183
OTU 280	-0.193	-0.118	-0.043	-0.080	0.306	0.178	-0.139	0.183	-0.156	-0.148
OTU 282	-0.126	-0.344	0.278	-0.122	0.035	-0.068	0.166	0.096	-0.419	-0.382
OTU 283	-0.080	0.382	-0.078	0.091	0.291	0.137	0.122	0.127	0.177	0.108
OTU 286	-0.237	0.065	-0.112	-0.189	0.475	0.319	0.262	0.034	0.037	-0.056
OTU 288	0.133	0.219	0.067	0.210	0.311	0.831	0.080	-0.113	0.017	-0.055
OTU 289	-0.200	-0.189	0.025	-0.215	0.017	0.096	0.103	0.152	-0.286	-0.406
OTU 290	0.253	-0.054	-0.278	0.021	0.163	0.146	-0.048	0.086	-0.081	-0.007
OTU 295	-0.060	0.189	-0.072	0.245	0.386	0.523	-0.001	0.048	0.072	-0.045
OTU 296	0.305	-0.158	-0.026	-0.318	-0.233	-0.384	-0.010	0.653	-0.484	-0.151
OTU 297	0.219	-0.526	-0.401	-0.276	-0.243	-0.389	-0.080	0.011	-0.118	0.009
OTU 298	0.153	-0.150	-0.411	-0.108	-0.210	-0.431	-0.063	0.391	-0.138	0.065
OTU 301	0.208	-0.045	-0.284	-0.129	0.111	-0.170	-0.095	0.140	-0.095	0.150
OTU 305	0.604	-0.117	0.072	0.112	-0.209	-0.309	-0.173	0.006	-0.153	0.091
OTU 306	0.511	-0.291	0.109	0.188	-0.355	-0.257	-0.247	0.029	-0.215	0.187
OTU 308	0.195	-0.060	0.138	-0.197	-0.332	-0.347	-0.188	-0.378	-0.258	-0.086
OTU 310	0.277	-0.258	0.045	-0.095	-0.333	-0.386	-0.103	0.165	-0.067	0.166
OTU 311	0.294	-0.209	-0.085	-0.104	-0.219	-0.071	-0.126	0.000	-0.261	-0.022
OTU 312	0.258	-0.235	0.086	-0.181	-0.962	-0.806	-0.168	-0.073	-0.387	0.092
OTU 316	0.191	-0.545	0.262	-0.013	-0.209	-0.838	-0.079	-0.090	-0.350	-0.303
OTU 318	-0.015	-0.133	0.016	0.080	-0.869	-0.169	-0.004	-0.177	-0.187	0.073
OTU 322	0.134	-0.104	-0.398	-0.072	-0.116	-0.897	-0.093	-0.102	0.159	0.166
OTU 324	-0.181	0.095	-0.334	-0.246	-0.333	-0.199	-0.286	0.332	-0.070	0.295
OTU 326	0.219	-0.296	-0.187	-0.106	-0.368	-0.373	-0.061	-0.151	-0.326	0.103
OTU 327	0.099	-0.267	-0.277	-0.345	0.048	-0.010	-0.279	-0.270	-0.311	-0.098
OTU 330	0.100	-0.194	-0.152	-0.227	-0.344	-0.494	-0.156	0.083	-0.291	0.153
OTU 332	0.680	-0.096	-0.226	0.022	-0.185	-0.209	-0.093	0.751	-0.051	0.309
OTU 333	0.257	-0.531	0.005	-0.230	-0.969	-0.358	-0.183	-0.143	-0.502	-0.769
OTU 334	0.663	-0.234	0.220	-0.048	-0.280	-0.316	-0.261	-0.289	-0.090	-0.171
OTU 337	0.268	-0.238	-0.041	-0.090	-0.398	-0.211	-0.273	-0.203	-0.191	0.047
OTU 339	0.208	-0.392	-0.091	-0.195	-0.406	-0.406	-0.161	-0.006	-0.280	0.092
OTU 340	0.140	0.073	-0.429	0.010	-0.283	-0.109	-0.203	0.096	-0.057	0.381
OTU 341	0.291	-0.369	-0.079	-0.266	-0.209	-0.309	-0.223	-0.317	-0.330	0.116
OTU 342	0.569	-0.651	0.167	-0.106	-0.486	-0.343	-0.206	-0.196	-0.361	-0.296
OTU 343	0.530	-0.502	0.023	-0.138	-0.423	-0.625	-0.234	-0.255	-0.202	-0.125
OTU 344	0.681	-0.177	0.096	0.117	-0.108	0.016	-0.490	-0.479	-0.096	0.031
OTU 345	0.269	-0.109	-0.146	-0.084	-0.331	-0.325	-0.274	-0.117	0.070	0.097



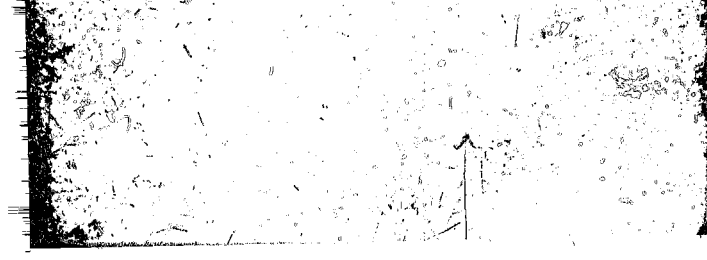


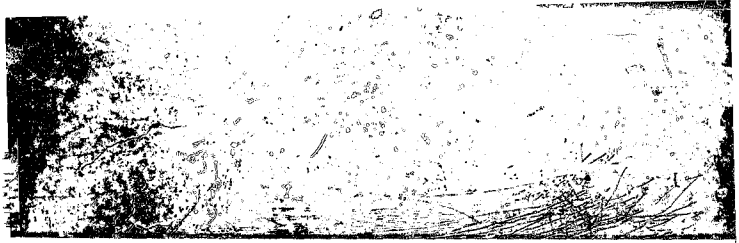
IDENTIFICATION:

COMPUTE CORRELATION:

	OTU 186	OTU 188	OTU 189	OTU 191	OTU 194	OTU 196	OTU 197	OTU 199	OTU 200	OTU 202
OTU 186	1.000									
OTU 187	-0.056	1.000								
OTU 189	0.365	0.014	1.000							
OTU 191	-0.022	0.011	0.129	1.000						
OTU 194	-0.188	0.045	0.084	0.311	1.000					
OTU 196	-0.006	-0.099	-0.162	0.427	-0.188	1.000				
OTU 197	0.466	-0.125	0.109	0.396	0.009	0.268	1.000			
OTU 199	0.075	0.077	0.019	0.376	-0.062	0.206	0.225	1.000		
OTU 200	0.036	0.174	-0.178	0.436	0.876	0.327	-0.037	0.261	1.000	
OTU 202	0.373	-0.168	0.110	-0.091	-0.385	-0.047	0.352	0.228	-0.193	1.000
OTU 206	0.094	-0.020	0.020	-0.255	-0.059	-0.179	-0.158	0.099	0.159	0.062
OTU 209	-0.171	0.145	0.002	0.252	0.159	0.069	0.320	0.569	0.090	0.072
OTU 210	-0.092	0.171	-0.026	0.426	-0.054	0.353	0.520	0.639	0.181	0.104
OTU 212	0.075	0.011	-0.019	-0.152	-0.060	0.259	0.026	-0.037	0.035	0.107
OTU 213	-0.069	-0.153	-0.085	-0.273	-0.395	-0.144	-0.241	0.062	-0.358	-0.085
OTU 216	0.116	-0.137	0.017	0.096	0.863	0.170	-0.011	-0.155	0.836	-0.065
OTU 218	0.016	-0.222	-0.106	-0.009	-0.201	-0.041	-0.150	0.056	-0.227	-0.095
OTU 220	0.349	0.352	0.147	-0.004	0.164	-0.071	0.087	0.013	0.156	0.063
OTU 227	0.186	0.124	0.237	0.025	0.041	0.133	0.203	0.116	0.097	-0.011
OTU 229	0.253	0.009	0.154	0.130	0.305	0.168	0.140	0.050	0.184	-0.173
OTU 231	-0.002	0.078	0.109	0.032	0.439	-0.075	0.116	-0.407	0.099	-0.059
OTU 234	0.279	0.088	0.091	-0.193	0.190	-0.049	0.225	0.047	0.072	0.102
OTU 235	0.269	0.032	-0.050	0.035	0.461	-0.069	0.140	0.087	0.268	-0.011
OTU 236	0.181	0.050	-0.220	0.186	0.300	-0.005	0.280	-0.012	0.013	0.338
OTU 239	-0.016	0.301	-0.065	-0.095	0.116	-0.006	0.061	0.213	0.211	0.048
OTU 241	0.176	-0.011	0.004	0.085	0.169	0.005	0.230	0.106	-0.004	0.060
OTU 243	0.090	-0.108	0.050	-0.192	0.102	-0.076	0.033	-0.288	0.102	0.190
OTU 246	0.179	0.098	0.178	-0.048	0.101	-0.154	0.000	-0.178	-0.007	0.205
OTU 247	-0.095	-0.027	-0.073	0.016	0.088	0.105	0.064	-0.030	0.295	0.030
OTU 250	0.096	-0.061	0.044	0.014	0.159	-0.077	0.273	-0.136	0.116	0.198
OTU 252	0.016	-0.125	-0.082	0.117	0.056	0.183	0.321	0.049	0.117	0.046
OTU 254	0.171	-0.099	0.228	-0.068	-0.190	0.101	-0.007	-0.215	-0.108	0.088
OTU 256	-0.022	-0.002	0.340	0.165	0.201	0.119	0.277	-0.175	0.036	0.017
OTU 259	0.277	-0.016	-0.121	-0.184	-0.007	0.101	0.175	0.081	0.099	0.002
OTU 260	0.065	0.087	-0.024	0.078	0.056	-0.057	-0.010	0.029	-0.000	0.208
OTU 262	0.102	0.186	-0.113	-0.220	0.012	-0.111	0.001	0.177	0.034	0.038
OTU 264	-0.182	0.078	-0.095	-0.280	0.189	-0.339	-0.123	-0.168	0.110	-0.053
OTU 266	0.216	-0.201	0.153	-0.157	0.053	-0.127	0.029	-0.216	0.006	0.132
OTU 268	0.119	0.339	0.180	0.225	-0.193	-0.076	0.020	0.096	0.076	0.010
OTU 270	-0.165	0.264	-0.196	0.009	0.187	0.051	-0.085	0.095	0.333	-0.145
OTU 272	0.062	-0.052	-0.093	-0.156	-0.283	0.023	-0.252	0.095	0.111	0.196
OTU 273	0.223	0.332	0.010	-0.185	0.208	-0.105	-0.086	-0.165	0.399	-0.029
OTU 276	0.150	0.015	0.008	0.142	0.550	0.154	-0.044	0.092	0.478	-0.319
OTU 278	0.279	0.165	-0.052	0.400	0.171	0.417	0.478	0.188	0.562	-0.038
OTU 280	-0.031	-0.009	-0.166	-0.007	-0.216	0.226	0.050	-0.213	-0.170	0.105
OTU 282	-0.309	0.185	-0.306	0.194	-0.065	0.311	0.033	0.325	0.271	0.007
OTU 283	0.037	-0.005	-0.003	-0.163	0.292	-0.176	-0.102	-0.277	0.026	0.165
OTU 284	0.231	0.168	0.033	-0.090	0.026	0.048	0.201	0.156	0.101	0.338
OTU 288	0.084	0.162	-0.031	-0.203	0.193	0.098	-0.155	-0.232	0.088	-0.292
OTU 289	0.207	0.009	-0.133	-0.107	0.035	0.219	0.467	-0.073	0.134	0.171

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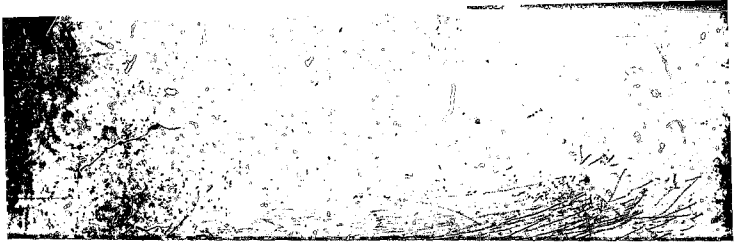


CONTINUATION OF

4PUTE CORRELATIONS

	OTU 186	OTU 187	OTU 189	OTU 191	OTU 194	OTU 196	OTU 197	OTU 199	OTU 200	OTU 205
OTU 292	-0.895	-0.053	-0.417	-0.435	-0.095	-0.084	-0.415	-0.292	-0.819	-0.097
OTU 295	0.021	0.048	0.049	-0.250	0.078	0.126	-0.102	-0.217	-0.054	0.027
OTU 296	-0.436	0.046	-0.531	0.181	-0.134	0.419	-0.209	0.835	0.348	-0.338
OTU 297	-0.433	0.007	-0.646	-0.051	-0.096	0.074	-0.380	0.081	0.106	-0.268
OTU 298	-0.834	-0.122	-0.360	-0.357	-0.248	-0.199	-0.415	0.898	-0.244	0.009
OTU 301	0.181	-0.051	-0.169	-0.385	-0.236	-0.158	-0.153	0.051	-0.530	-0.069
OTU 305	-0.852	-0.085	-0.170	-0.198	-0.200	-0.118	-0.477	-0.147	-0.089	-0.151
OTU 306	-0.142	-0.239	-0.203	-0.059	-0.288	0.113	-0.906	0.036	0.056	-0.230
OTU 308	0.069	-0.193	0.896	0.181	-0.273	0.253	0.092	0.155	0.463	-0.209
OTU 310	-0.117	-0.113	-0.253	0.050	-0.088	0.015	-0.137	-0.038	0.149	-0.376
OTU 311	0.029	-0.335	-0.137	-0.231	-0.290	0.164	-0.056	-0.128	-0.177	-0.039
OTU 313	-0.170	-0.089	-0.180	0.094	-0.172	0.167	-0.209	0.086	0.096	-0.211
OTU 314	-0.327	-0.156	-0.803	0.159	0.094	0.159	-0.211	0.162	0.103	-0.106
OTU 316	-0.247	-0.158	0.162	0.281	-0.018	0.254	-0.063	0.154	0.014	-0.252
OTU 322	-0.197	-0.191	-0.056	-0.193	-0.066	-0.255	-0.277	-0.886	-0.268	0.012
OTU 324	-0.256	-0.108	-0.227	-0.226	-0.531	0.015	-0.982	-0.092	-0.004	0.211
OTU 326	-0.278	-0.109	-0.196	0.077	-0.181	0.255	-0.169	0.198	-0.045	-0.387
OTU 327	-0.011	-0.028	-0.158	-0.186	-0.335	0.340	-0.214	-0.130	0.021	-0.075
OTU 330	-0.177	-0.050	-0.844	-0.141	-0.281	-0.001	-0.206	0.316	-0.159	-0.020
OTU 332	-0.060	-0.180	0.003	-0.211	-0.397	-0.096	-0.203	0.125	-0.417	0.092
OTU 333	-0.224	-0.210	-0.311	0.103	-0.190	0.264	-0.166	0.014	0.153	-0.404
OTU 336	0.272	-0.202	0.093	-0.081	-0.367	0.095	0.069	0.091	0.043	-0.068
OTU 337	-0.266	-0.184	-0.070	0.157	-0.081	0.227	-0.354	0.008	0.014	-0.349
OTU 339	-0.271	-0.206	-0.283	0.106	-0.206	0.187	-0.239	0.112	-0.090	-0.246
OTU 340	-0.012	-0.262	-0.086	-0.149	-0.306	-0.101	-0.325	0.060	-0.294	0.028
OTU 341	0.030	-0.281	-0.168	0.061	-0.286	0.170	-0.103	0.153	0.095	-0.140
OTU 342	-0.107	-0.195	-0.300	-0.961	-0.277	0.157	-0.328	-0.025	0.153	-0.484
OTU 343	-0.437	-0.307	-0.191	0.059	0.160	0.038	-0.339	-0.022	0.097	-0.286
OTU 344	0.051	-0.084	0.060	0.184	-0.158	0.885	-0.320	-0.099	0.184	-0.170
OTU 345	-0.006	-0.280	-0.106	0.025	-0.021	-0.033	-0.135	-0.101	-0.069	-0.217



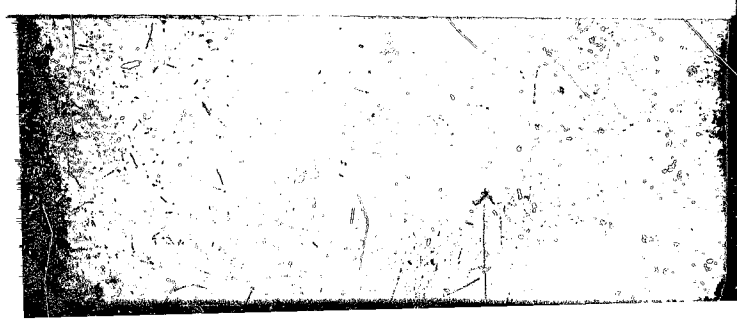


IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 206	OTU 209	OTU 210	OTU 212	OTU 213	OTU 216	OTU 218	OTU 220	OTU 227	OTU 229
OTU 206	1.000									
OTU 209	0.176	1.000								
OTU 210	-0.271	0.565	1.000							
OTU 212	-0.020	0.010	-0.033	1.000						
OTU 213	.156	-0.074	-0.158	-0.211	1.000					
OTU 216	92	-0.231	-0.017	-0.051	0.369	1.000				
OTU 218	80	-0.099	-0.0-2	-0.191	0.618	0.482	1.000			
OTU 220	.051	0.091	-0.076	0.412	-0.293	-0.198	-0.508	1.000		
OTU 227	0.261	0.339	0.030	0.147	-0.413	-0.369	-0.208	0.252	1.000	
OTU 229	0.151	0.025	-0.027	0.289	-0.230	-0.109	-0.181	0.462	0.004	1.000
OTU 231	0.084	0.009	-0.051	0.220	-0.486	-0.280	-0.587	0.428	0.352	0.381
OTU 234	0.231	0.031	0.003	0.284	-0.483	-0.346	-0.482	0.345	0.506	0.362
OTU 235	0.131	0.257	-0.009	0.251	-0.453	-0.270	-0.275	0.449	0.419	0.594
OTU 236	-0.145	0.031	0.199	0.178	-0.566	-0.360	-0.520	0.439	0.206	0.429
OTU 239	0.218	0.447	0.286	0.300	-0.353	-0.590	-0.357	0.405	0.525	0.371
OTU 241	-0.015	0.436	0.215	0.090	-0.205	-0.377	-0.226	-0.044	0.161	0.092
OTU 243	0.212	-0.099	-0.265	0.411	-0.331	-0.210	-0.501	0.346	0.261	0.254
OTU 244	0.255	0.007	-0.098	0.326	-0.238	-0.370	-0.546	0.575	0.270	0.420
OTU 247	0.039	-0.076	0.037	0.368	-0.425	-0.181	-0.530	0.319	0.184	0.320
OTU 249	0.098	0.078	0.081	0.181	-0.651	-0.357	-0.724	0.457	0.293	0.139
OTU 252	0.117	0.057	0.032	0.010	-0.292	-0.129	-0.230	0.088	0.315	0.133
OTU 254	0.299	-0.112	-0.121	0.407	-0.300	-0.017	-0.240	0.286	0.336	0.508
OTU 256	0.015	0.098	0.067	0.336	-0.641	-0.356	-0.638	0.480	0.370	0.366
OTU 259	-0.051	0.009	-0.037	0.030	-0.192	-0.171	-0.186	0.170	0.021	0.328
OTU 260	-0.179	-0.213	-0.061	0.108	-0.337	-0.096	-0.404	0.251	0.013	0.315
OTU 262	0.061	0.197	0.073	0.172	-0.435	-0.156	-0.171	0.018	-0.086	0.090
OTU 264	0.151	0.046	-0.085	0.268	-0.162	-0.368	-0.303	0.174	-0.032	0.047
OTU 266	0.368	-0.119	-0.373	0.145	-0.222	-0.368	-0.266	0.283	0.281	0.235
OTU 268	0.296	-0.115	-0.070	0.037	-0.336	-0.312	-0.523	0.480	0.553	0.258
OTU 270	-0.156	0.087	0.099	0.038	-0.303	-0.290	-0.308	0.393	0.252	-0.009
OTU 272	0.480	0.117	-0.092	0.215	-0.143	-0.257	-0.266	0.076	0.302	-0.016
OTU 273	0.073	-0.196	-0.078	0.386	-0.607	-0.176	-0.417	0.548	0.016	0.295
OTU 276	0.116	-0.216	-0.230	0.299	-0.440	-0.308	-0.465	0.535	0.180	0.613
OTU 278	0.173	0.176	0.218	0.182	-0.303	-0.272	-0.393	0.442	0.477	0.209
OTU 280	0.046	0.091	0.137	0.128	-0.112	-0.235	-0.283	0.097	0.241	0.218
OTU 282	0.329	0.390	0.433	0.144	-0.200	-0.206	-0.115	0.084	0.195	0.063
OTU 283	0.027	-0.184	-0.317	0.206	-0.500	-0.193	-0.450	0.403	0.081	0.198
OTU 286	0.261	0.272	-0.019	0.484	-0.386	-0.356	-0.517	0.573	0.350	0.367
OTU 288	0.251	-0.238	-0.395	0.199	-0.265	-0.263	-0.280	0.425	0.296	0.470
OTU 289	0.197	0.281	0.303	0.094	-0.348	-0.305	-0.303	0.090	0.286	0.209
OTU 292	0.131	-0.195	-0.296	0.330	-0.065	-0.062	-0.205	0.176	0.048	0.062
OTU 295	0.259	-0.018	-0.222	0.474	-0.370	-0.299	-0.467	0.425	0.462	0.327
OTU 296	-0.228	0.191	0.347	-0.072	0.219	0.247	0.339	-0.325	-0.282	-0.254
OTU 297	-0.042	0.028	-0.028	-0.040	0.474	0.082	0.251	-0.180	-0.398	-0.316
OTU 298	0.048	0.191	-0.116	0.033	0.678	0.163	0.622	-0.265	-0.195	-0.231
OTU 301	-0.037	-0.053	-0.168	-0.136	0.672	0.305	0.665	-0.195	-0.012	-0.153
OTU 303	0.090	-0.283	-0.268	-0.208	0.568	0.199	0.517	-0.361	-0.364	-0.409
OTU 306	0.251	-0.266	-0.268	-0.128	0.493	0.216	0.621	-0.493	-0.233	-0.255
OTU 308	-0.269	-0.110	0.231	-0.141	0.365	0.423	0.529	-0.452	-0.245	-0.272
OTU 310	-0.074	-0.077	0.018	-0.259	0.571	0.35	0.550	-0.353	-0.366	-0.383

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CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 206	OTU 207	OTU 210	OTU 212	OTU 213	OTU 216	OTU 218	OTU 220	OTU 227	OTU 229
OTU 311	0.090	-0.163	-0.216	-0.070	0.606	0.158	0.488	-0.417	-0.203	-0.316
OTU 313	-0.218	-0.187	0.008	-0.238	0.513	0.443	0.555	-0.431	-0.483	-0.461
OTU 314	-0.072	0.056	0.128	-0.037	0.567	0.034	0.173	-0.390	-0.172	-0.256
OTU 316	-0.318	-0.043	0.128	-0.278	0.308	0.099	0.496	-0.321	-0.312	-0.275
OTU 322	-0.296	-0.102	-0.145	-0.043	0.537	0.254	0.366	-0.204	-0.903	-0.270
OTU 324	-0.253	-0.439	-0.019	-0.012	0.339	0.370	0.449	-0.170	-0.462	-0.406
OTU 326	-0.249	0.116	0.193	-0.221	0.529	0.198	0.620	-0.592	-0.293	-0.256
OTU 327	-0.270	-0.201	0.057	0.265	0.309	0.461	0.179	0.003	-0.213	0.015
OTU 330	-0.200	0.195	0.120	-0.196	0.666	0.630	0.595	-0.431	-0.347	-0.380
OTU 332	-0.010	-0.016	-0.126	-0.217	0.779	0.902	0.567	-0.422	-0.278	-0.390
OTU 333	-0.179	-0.068	0.099	-0.089	0.699	0.817	0.521	-0.469	-0.308	-0.307
OTU 336	0.084	-0.240	0.080	-0.123	0.957	0.232	0.566	-0.443	-0.268	-0.180
OTU 337	-0.196	-0.240	-0.100	-0.290	0.530	0.498	0.513	-0.536	-0.482	-0.296
OTU 339	-0.198	-0.182	0.021	-0.218	0.680	0.582	0.531	-0.382	-0.516	-0.290
OTU 340	-0.253	-0.120	-0.171	-0.306	0.698	0.527	0.553	-0.367	-0.348	-0.351
OTU 341	-0.230	-0.187	0.014	0.069	0.528	0.501	0.478	-0.281	-0.356	-0.273
OTU 342	0.106	-0.241	-0.211	-0.059	0.698	0.851	0.510	-0.473	-0.348	-0.194
OTU 343	-0.064	-0.272	-0.200	-0.135	0.576	0.304	0.642	-0.304	-0.375	-0.247
OTU 344	-0.020	-0.392	-0.215	-0.013	0.318	0.390	0.302	-0.270	-0.217	-0.326
OTU 345	-0.058	-0.287	-0.194	-0.321	0.553	0.436	0.510	-0.384	-0.611	-0.301



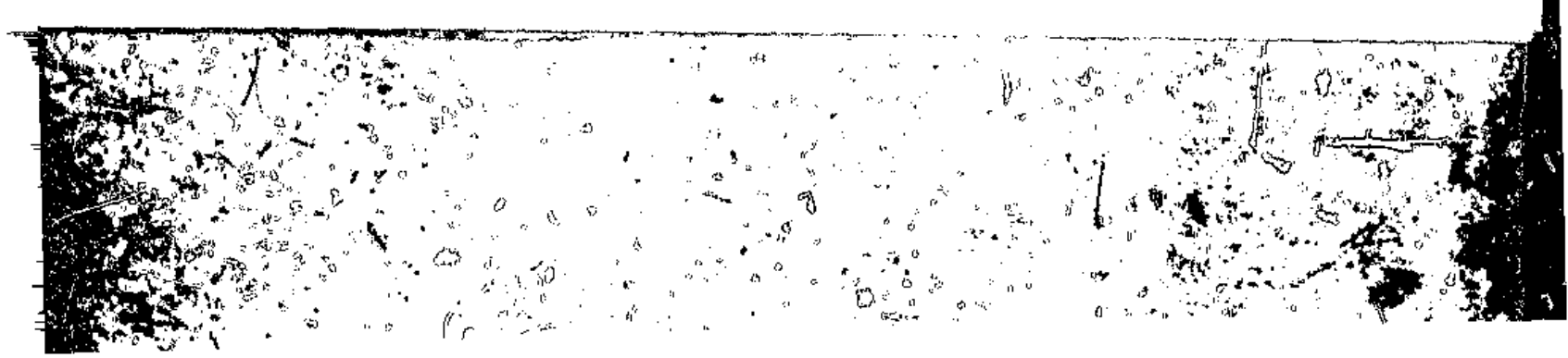


IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 231	OTU 234	OTU 235	OTU 236	OTU 239	OTU 241	OTU 243	OTU 244	OTU 247	OTU 251
OTU 231	1.000									
OTU 234	0.507	1.000								
OTU 235	0.488	0.527	1.000							
OTU 236	0.614	0.539	0.481	1.000						
OTU 239	0.404	0.596	0.581	0.648	1.000					
OTU 241	0.174	0.372	0.279	0.427	0.379	1.000				
OTU 243	0.613	0.491	0.520	0.441	0.476	0.249	1.000			
OTU 244	0.526	0.694	0.394	0.464	0.444	0.266	0.507	1.000		
OTU 247	0.310	0.350	0.444	0.425	0.465	0.275	0.718	0.366	1.000	
OTU 251	0.651	0.567	0.373	0.647	0.405	0.281	0.539	0.486	0.487	1.000
OTU 252	0.300	0.284	0.122	0.088	0.193	0.070	0.276	0.185	0.093	0.295
OTU 254	0.355	0.289	0.301	0.319	0.213	-0.008	0.396	0.296	0.360	0.508
OTU 256	0.702	0.495	0.334	0.567	0.345	0.241	0.464	0.514	0.305	0.628
OTU 259	0.054	0.379	0.286	0.238	0.108	0.249	0.082	0.355	0.189	0.305
OTU 260	0.219	0.373	0.276	0.580	0.218	0.167	0.228	0.279	0.317	0.564
OTU 262	0.083	0.360	0.042	0.091	0.159	-0.010	0.016	0.241	0.079	0.175
OTU 264	0.348	0.252	0.331	0.295	0.430	0.144	0.549	0.425	0.537	0.267
OTU 266	0.290	0.331	0.338	0.340	0.181	0.253	0.390	0.353	0.161	0.400
OTU 268	0.350	0.371	-0.003	0.256	0.389	0.002	0.295	0.579	0.329	0.403
OTU 270	0.194	0.198	0.165	0.121	0.316	0.146	0.066	0.262	0.066	0.147
OTU 272	0.148	0.276	0.193	0.108	0.288	-0.033	0.311	0.171	0.242	0.306
OTU 273	0.399	0.302	0.456	0.388	0.341	-0.128	0.445	0.476	0.382	0.481
OTU 276	0.519	0.210	0.570	0.380	0.303	-0.096	0.442	0.348	0.450	0.389
OTU 278	0.247	0.206	0.406	0.201	0.302	0.076	0.234	0.159	0.338	0.374
OTU 280	0.434	0.400	0.166	0.386	0.368	0.375	0.262	0.403	0.126	0.346
OTU 282	0.142	0.225	0.151	0.140	0.498	0.349	0.158	0.099	0.239	0.349
OTU 283	0.407	0.306	0.369	0.376	0.246	0.143	0.521	0.582	0.353	0.370
OTU 286	0.362	0.637	0.460	0.372	0.386	0.279	0.457	0.710	0.378	0.561
OTU 288	0.265	0.258	0.310	0.223	0.197	-0.044	0.170	0.399	0.137	0.370
OTU 289	0.341	0.417	0.396	0.313	0.354	0.271	0.231	0.324	0.132	0.352
OTU 292	0.187	0.083	0.225	-0.050	0.172	-0.162	0.314	0.295	0.196	0.096
OTU 295	0.454	0.425	0.299	0.306	0.469	-0.099	0.449	0.516	0.330	0.442
OTU 296	-0.373	-0.424	-0.237	-0.478	-0.084	-0.071	-0.365	-0.414	-0.208	-0.505
OTU 297	-0.307	-0.393	-0.353	-0.531	-0.183	-0.158	-0.326	-0.273	-0.322	-0.348
OTU 298	-0.491	-0.192	-0.172	-0.481	-0.052	0.014	-0.302	-0.131	-0.403	-0.565
OTU 301	-0.426	-0.275	-0.221	-0.474	-0.248	-0.327	-0.429	-0.149	-0.579	-0.635
OTU 305	-0.475	-0.565	-0.471	-0.473	-0.289	-0.205	-0.337	-0.422	-0.372	-0.591
OTU 306	-0.603	-0.535	-0.350	-0.545	-0.274	-0.248	-0.315	-0.548	-0.212	-0.591
OTU 308	-0.502	-0.497	-0.439	-0.382	-0.349	-0.287	-0.443	-0.606	-0.244	-0.473
OTU 310	-0.414	-0.638	-0.424	-0.630	-0.408	-0.379	-0.493	-0.537	-0.492	-0.612
OTU 311	-0.370	-0.402	-0.457	-0.535	-0.485	-0.212	-0.338	-0.255	-0.484	-0.475
OTU 313	-0.620	-0.696	-0.494	-0.607	-0.549	-0.353	-0.516	-0.613	-0.453	-0.639
OTU 314	-0.219	-0.231	-0.085	-0.196	0.110	0.035	0.089	-0.383	0.271	-0.267
OTU 316	-0.466	-0.504	-0.567	-0.383	-0.396	-0.139	-0.514	-0.503	-0.352	-0.589
OTU 322	-0.137	-0.237	-0.271	-0.265	-0.323	-0.240	-0.203	-0.136	-0.366	-0.454
OTU 324	-0.419	-0.420	-0.408	-0.288	-0.327	-0.065	-0.340	-0.151	-0.409	-0.466
OTU 326	-0.489	-0.505	-0.461	-0.544	-0.390	-0.259	-0.643	-0.599	-0.469	-0.643
OTU 327	-0.043	-0.082	-0.288	-0.1[illegible]	-0.068	-0.280	0.016	0.090	0.067	-0.174
OTU 330	-0.556	-0.431	-0.421	-0.495	-0.237	-0.235	-0.495	-0.446	-0.448	-0.610
OTU 332	-0.477	-0.408	-0.513	-0.469	-0.511	-0.304	-0.456	-0.300	-0.563	-0.587

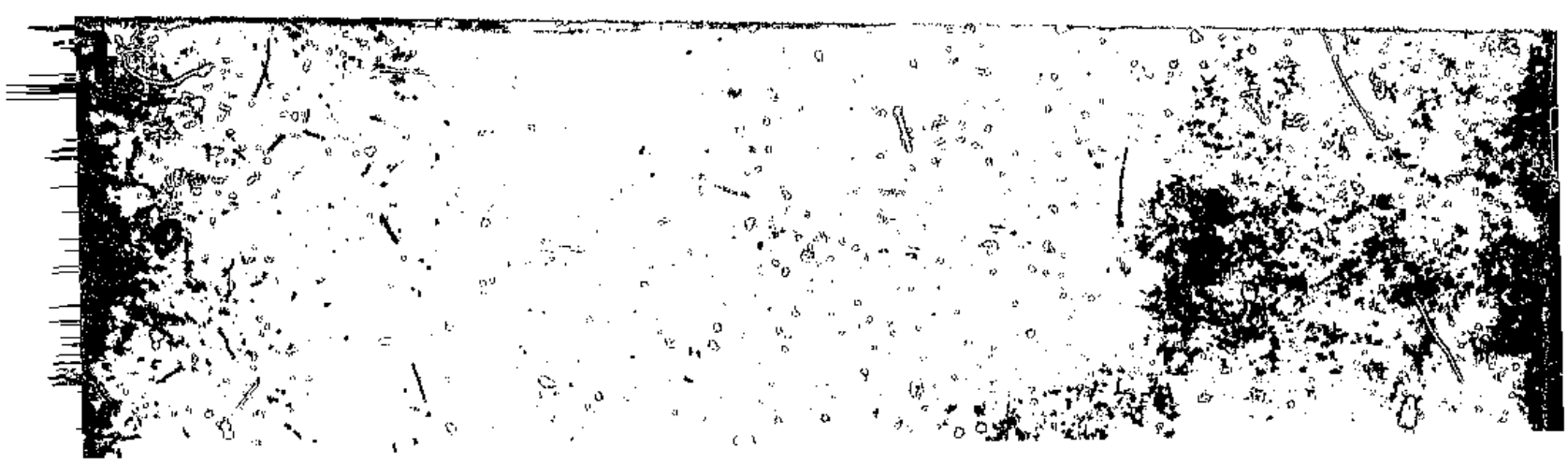
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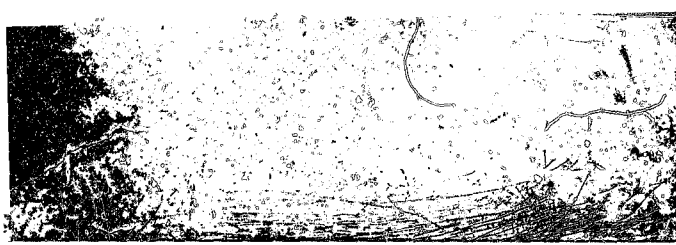




COMPUTE CORRELATIONS

	OTU 231	OTU 234	OTU 235	OTU 236	OTU 239	OTU 241	OTU 243	OTU 244	OTU 247	OTU 251
OTU 333	-0.467	-0.526	-0.456	-0.600	-0.396	-0.206	-0.485	-0.581	-0.382	-0.403
OTU 336	-0.607	-0.427	-0.389	-0.436	-0.329	-0.347	-0.380	-0.590	-0.183	-0.506
OTU 337	-0.508	-0.671	-0.600	-0.535	-0.646	-0.292	-0.543	-0.586	-0.304	-0.579
OTU 339	-0.571	-0.600	-0.495	-0.561	-0.597	-0.263	-0.525	-0.517	-0.338	-0.607
OTU 340	-0.406	-0.497	-0.497	-0.441	-0.554	-0.344	-0.397	-0.250	-0.474	-0.566
OTU 341	-0.411	-0.536	-0.433	-0.528	-0.454	-0.470	-0.366	-0.499	-0.259	-0.442
OTU 342	-0.486	-0.408	-0.294	-0.528	-0.311	-0.138	-0.275	-0.506	-0.223	-0.465
OTU 343	-0.506	-0.490	-0.294	-0.524	-0.416	-0.265	-0.349	-0.566	-0.275	-0.629
OTU 344	-0.299	-0.494	-0.479	-0.451	-0.490	-0.567	-0.272	-0.522	-0.297	-0.345
OTU 345	-0.547	-0.686	-0.459	-0.530	-0.739	-0.310	-0.531	-0.494	-0.420	-0.471





IDENTIFICATION:

COMPUTE CORRELATIONS

	DTU 252	DTU 254	DTU 256	DTU 259	DTU 260	DTU 262	DTU 264	DTU 266	DTU 268	DTU 270
DTU 252	1.000									
DTU 254	0.185	1.000								
DTU 256	0.331	0.421	1.000							
DTU 259	0.130	0.178	0.087	1.000						
DTU 260	0.021	0.298	0.269	0.206	1.000					
DTU 262	0.056	-0.036	0.037	0.492	-0.028	1.000				
DTU 264	0.099	0.011	0.213	0.068	0.088	0.316	1.000			
DTU 266	0.158	0.509	0.338	0.398	0.174	-0.045	0.144	1.000		
DTU 268	0.178	0.286	0.343	0.218	0.168	0.198	0.205	0.166	1.000	
DTU 270	0.109	0.225	0.243	0.158	0.157	-0.042	0.130	0.076	0.332	1.000
DTU 272	0.057	0.480	0.044	0.055	0.089	0.291	0.023	0.279	0.186	-0.126
DTU 274	0.063	0.219	0.373	0.174	0.408	0.241	0.525	0.134	0.257	0.278
DTU 276	0.136	0.290	0.963	0.144	0.281	-0.033	0.319	0.326	0.316	0.229
DTU 278	0.255	0.177	0.298	0.218	0.005	0.021	-0.038	0.122	0.302	0.259
DTU 280	0.088	0.358	0.233	0.399	0.125	0.267	-0.069	0.283	0.298	0.010
DTU 282	0.111	0.165	0.198	0.151	0.072	0.185	0.128	0.108	0.150	0.251
DTU 284	0.023	0.075	0.365	0.037	0.298	-0.238	0.104	0.278	0.296	0.378
DTU 286	0.238	0.383	0.393	0.977	0.173	0.955	0.189	0.306	0.458	0.172
DTU 288	0.240	0.509	0.356	0.382	0.820	0.072	0.121	0.488	0.366	0.211
DTU 290	0.260	0.170	0.316	0.052	0.079	0.052	0.232	0.156	0.076	-0.038
DTU 292	0.117	0.341	0.141	-0.069	0.135	-0.011	0.231	0.169	0.041	0.076
DTU 294	0.311	0.538	0.546	-0.011	0.252	0.099	0.304	0.294	0.379	0.056
DTU 296	-0.055	-0.376	-0.369	-0.176	-0.303	-0.115	-0.173	-0.434	-0.358	0.156
DTU 297	-0.090	-0.344	-0.429	-0.096	-0.127	-0.070	-0.112	-0.338	-0.276	-0.159
DTU 298	-0.191	-0.311	-0.580	-0.090	-0.247	-0.017	-0.085	-0.359	-0.406	-0.052
DTU 304	-0.108	-0.426	-0.522	0.030	-0.354	0.069	-0.132	-0.218	-0.253	-0.094
DTU 305	-0.293	-0.405	-0.439	-0.092	-0.235	-0.329	-0.116	-0.267	-0.224	-0.154
DTU 306	-0.286	-0.187	-0.638	-0.316	-0.298	-0.284	-0.140	-0.123	-0.400	-0.301
DTU 308	-0.149	-0.667	-0.478	-0.058	-0.398	-0.053	-0.197	-0.275	-0.258	-0.189
DTU 310	-0.139	-0.581	-0.539	-0.114	-0.498	-0.096	-0.108	-0.363	-0.343	-0.025
DTU 311	-0.098	-0.384	-0.404	-0.131	-0.258	-0.025	-0.231	-0.184	-0.318	-0.210
DTU 313	-0.293	-0.476	-0.620	-0.291	-0.314	-0.215	-0.254	-0.372	-0.406	-0.079
DTU 315	-0.197	-0.348	-0.331	-0.417	-0.159	-0.170	-0.222	-0.373	-0.289	-0.043
DTU 316	-0.058	-0.435	-0.308	-0.153	-0.091	-0.098	-0.229	-0.642	-0.255	-0.094
DTU 322	-0.259	-0.384	-0.581	-0.091	-0.258	-0.083	-0.037	-0.174	-0.369	-0.114
DTU 324	-0.337	-0.383	-0.466	-0.281	-0.178	-0.243	-0.109	-0.231	-0.325	-0.046
DTU 326	-0.189	-0.328	-0.347	-0.198	-0.404	0.013	-0.308	-0.479	-0.359	-0.206
DTU 327	0.017	-0.003	-0.188	0.101	-0.175	0.161	0.020	-0.382	0.116	-0.018
DTU 330	-0.288	-0.462	-0.607	-0.112	-0.367	0.126	-0.140	-0.358	-0.343	-0.162
DTU 332	-0.287	-0.213	-0.513	-0.117	-0.283	0.020	-0.295	-0.194	-0.191	-0.311
DTU 335	-0.211	-0.295	-0.410	-0.183	-0.260	-0.200	-0.111	-0.291	-0.418	-0.120
DTU 336	-0.271	-0.198	-0.550	-0.133	-0.254	0.012	-0.152	-0.195	-0.294	-0.367
DTU 337	-0.317	-0.323	-0.576	-0.215	-0.298	-0.115	-0.318	-0.372	-0.326	-0.272
DTU 339	-0.332	-0.367	-0.580	-0.261	-0.164	-0.215	-0.326	-0.405	-0.360	-0.131
DTU 340	-0.245	-0.256	-0.515	-0.179	-0.288	-0.124	-0.280	-0.281	-0.269	-0.258
DTU 341	-0.272	-0.308	-0.543	-0.277	-0.324	-0.028	-0.276	-0.462	-0.261	-0.202
DTU 342	-0.226	-0.198	-0.621	-0.175	-0.169	-0.159	-0.241	-0.159	-0.418	-0.283
DTU 343	-0.272	-0.305	-0.664	-0.191	-0.316	-0.029	-0.165	-0.187	-0.491	-0.278
DTU 344	-0.268	-0.215	-0.577	-0.465	-0.205	-0.103	-0.245	-0.275	-0.241	-0.256
DTU 345	-0.308	-0.375	-0.564	-0.040	-0.207	-0.156	-0.262	-0.177	-0.438	-0.266

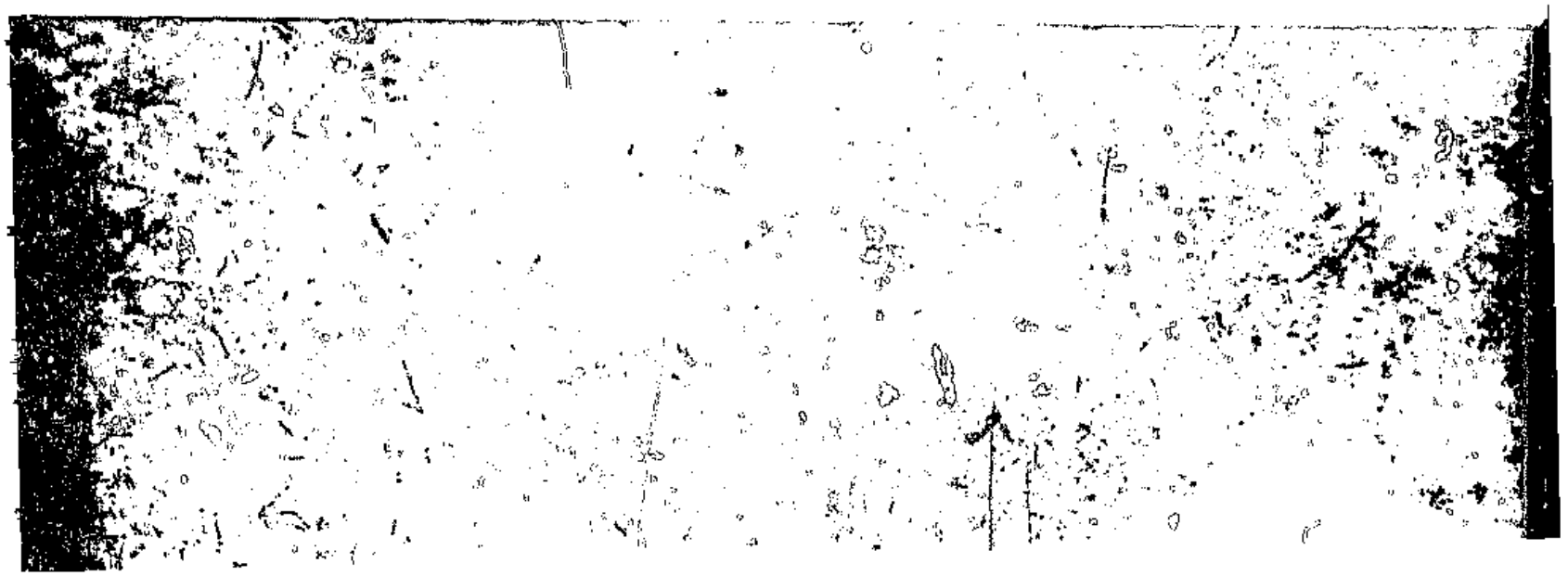




IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 272	OTU 273	OTU 276	OTU 278	OTU 280	OTU 282	OTU 283	OTU 286	OTU 288	OTU 289
OTU 272	1.000									
OTU 273	0.135	1.000								
OTU 276	-0.015	0.534	1.000							
OTU 278	0.221	0.309	0.432	1.000						
OTU 280	0.413	-0.031	-0.019	0.184	1.000					
OTU 282	0.304	0.182	0.160	0.404	0.377	1.000				
OTU 283	-0.098	0.342	0.422	0.043	-0.006	-0.128	1.000			
OTU 286	0.366	0.403	0.261	0.508	0.379	0.279	0.294	1.000		
OTU 288	0.177	0.434	0.559	0.272	0.174	0.069	0.221	0.322	1.000	
OTU 289	0.107	0.355	0.138	0.458	0.464	0.440	-0.115	0.359	0.239	1.000
OTU 292	0.410	0.221	0.299	0.021	0.201	0.006	0.238	0.203	0.423	0.057
OTU 295	0.390	0.333	0.450	0.273	0.293	0.082	0.314	0.483	0.587	0.224
OTU 296	-0.136	-0.186	-0.131	-0.009	-0.088	0.307	-0.371	-0.349	-0.239	-0.035
OTU 297	-0.138	-0.179	-0.104	-0.182	-0.188	0.149	-0.114	-0.315	-0.114	-0.220
OTU 298	-0.016	-0.353	-0.465	-0.512	-0.096	-0.129	-0.199	-0.199	-0.223	-0.266
OTU 301	-0.230	-0.185	-0.327	-0.351	-0.170	-0.414	-0.322	-0.268	-0.091	-0.041
OTU 305	-0.076	-0.259	-0.294	-0.434	-0.271	-0.214	-0.135	-0.689	-0.202	-0.373
OTU 306	0.681	-0.297	-0.167	-0.229	-0.273	-0.083	-0.402	-0.613	-0.101	-0.290
OTU 308	-0.167	-0.266	-0.296	-0.186	-0.279	-0.134	-0.567	-0.541	-0.313	-0.174
OTU 310	-0.331	-0.189	-0.183	-0.151	-0.413	-0.134	-0.362	-0.564	-0.219	-0.144
OTU 311	-0.139	-0.316	-0.277	-0.178	-0.055	-0.159	-0.388	-0.337	-0.094	0.102
OTU 313	-0.275	-0.227	-0.241	-0.204	-0.429	-0.073	-0.358	-0.515	-0.247	-0.260
OTU 314	-0.006	-0.051	0.003	-0.062	-0.311	0.206	-0.090	-0.448	-0.433	-0.188
OTU 316	-0.449	-0.404	-0.310	-0.291	-0.304	-0.120	-0.354	-0.507	-0.355	-0.268
OTU 322	-0.253	-0.137	-0.288	-0.602	-0.246	-0.411	0.137	-0.362	-0.336	-0.280
OTU 324	-0.290	-0.210	-0.445	-0.488	-0.180	-0.213	0.095	-0.323	-0.264	-0.232
OTU 326	-0.163	-0.525	-0.377	-0.367	-0.172	-0.148	-0.589	-0.522	-0.238	-0.232
OTU 327	0.009	0.014	-0.160	-0.188	0.181	-0.099	-0.099	-0.022	-0.123	-0.098
OTU 330	-0.152	-0.451	-0.449	-0.482	-0.223	-0.116	-0.410	-0.399	-0.340	-0.273
OTU 332	-0.068	-0.521	-0.503	-0.490	-0.078	-0.239	-0.445	-0.321	-0.221	-0.231
OTU 333	-0.161	-0.307	-0.234	-0.172	-0.213	0.047	-0.473	-0.593	-0.188	-0.194
OTU 336	-0.094	-0.221	-0.276	-0.230	-0.345	-0.179	-0.554	-0.548	-0.267	-0.169
OTU 337	-0.220	-0.362	-0.228	-0.305	-0.270	-0.121	-0.493	-0.557	-0.185	-0.318
OTU 339	-0.268	-0.395	-0.291	-0.308	-0.312	-0.151	-0.388	-0.481	-0.289	-0.384
OTU 340	-0.004	-0.424	-0.480	-0.466	-0.141	-0.420	-0.340	-0.369	-0.297	-0.380
OTU 341	-0.020	-0.324	-0.226	-0.212	-0.284	-0.275	-0.338	-0.415	-0.361	-0.404
OTU 342	0.026	-0.233	-0.183	-0.228	-0.165	0.034	-0.409	-0.535	-0.114	-0.134
OTU 343	-0.038	-0.278	-0.203	-0.342	-0.263	-0.177	-0.483	-0.577	-0.235	-0.258
OTU 344	0.114	-0.055	-0.092	-0.182	-0.377	-0.247	-0.355	-0.492	-0.163	-0.393
OTU 345	-0.359	-0.214	-0.221	-0.294	-0.431	-0.351	-0.288	-0.497	-0.117	-0.231



IDENTIFICATION:

COMPUTE CORRELATIONS

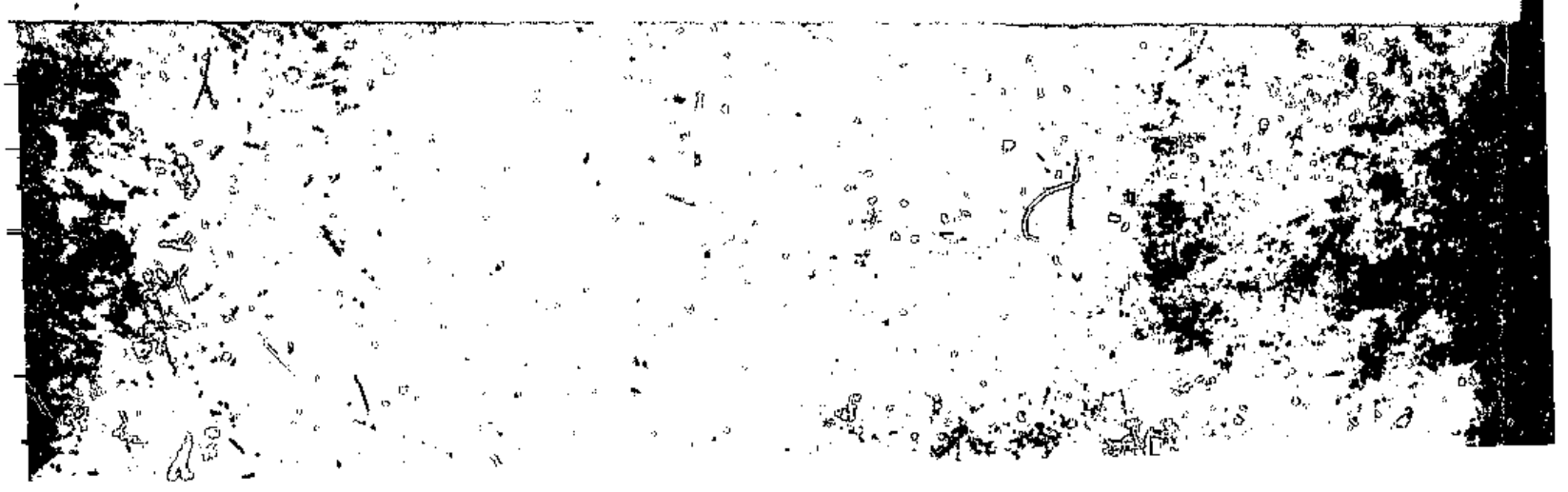
	OTU 292	OTU 295	OTU 296	OTU 297	OTU 298	OTU 301	OTU 305	OTU 306	OTU 308	OTU 310
OTU 292	1.000									
OTU 295	0.621	1.000								
OTU 296	0.174	-0.311	1.000							
OTU 297	0.269	-0.217	0.727	1.000						
OTU 298	0.193	-0.206	0.415	0.546	1.000					
OTU 301	0.055	-0.214	0.295	0.380	0.702	1.000				
OTU 305	-0.005	-0.310	0.355	0.529	0.462	0.438	1.000			
OTU 306	0.023	-0.226	0.382	0.366	0.401	0.350	0.789	1.000		
OTU 308	-0.348	-0.498	0.430	0.166	0.173	0.421	0.409	0.476	1.000	
OTU 310	-0.092	-0.416	0.574	0.673	0.374	0.602	0.628	0.513	0.611	1.000
OTU 311	-0.016	-0.226	0.287	0.459	0.400	0.579	0.551	0.499	0.361	0.639
OTU 313	-0.088	-0.496	0.655	0.582	0.317	0.425	0.636	0.593	0.652	0.784
OTU 314	-0.108	-0.288	0.502	0.367	0.087	-0.117	0.487	0.505	0.407	0.367
OTU 316	-0.484	-0.428	0.417	0.206	0.159	0.248	0.418	0.362	0.655	0.492
OTU 322	0.058	-0.208	0.178	0.417	0.425	0.393	0.507	0.143	0.166	0.493
OTU 324	0.047	-0.230	0.372	0.490	0.578	0.451	0.551	0.242	0.167	0.412
OTU 326	-0.021	-0.350	0.641	0.492	0.478	0.528	0.427	0.451	0.688	0.635
OTU 327	0.064	0.021	0.359	0.238	0.259	0.306	0.156	0.056	0.412	0.194
OTU 330	-0.002	-0.335	0.533	0.553	0.708	0.697	0.433	0.353	0.583	0.602
OTU 332	-0.011	-0.267	0.272	0.312	0.536	0.601	0.340	0.322	0.401	0.426
OTU 333	-0.055	-0.449	0.684	0.652	0.383	0.368	0.539	0.602	0.691	0.732
OTU 336	-0.323	-0.460	0.175	0.094	0.202	0.410	0.520	0.667	0.789	0.565
OTU 337	-0.202	-0.421	0.468	0.405	0.243	0.316	0.548	0.601	0.593	0.608
OTU 339	0.063	-0.463	0.666	0.640	0.432	0.381	0.469	0.474	0.505	0.637
OTU 340	0.067	-0.303	0.281	0.329	0.593	0.624	0.406	0.376	0.383	0.404
OTU 341	-0.019	-0.362	0.456	0.522	0.364	0.452	0.487	0.471	0.686	0.647
OTU 342	-0.035	-0.439	0.502	0.533	0.376	0.325	0.732	0.780	0.531	0.553
OTU 343	-0.095	-0.484	0.457	0.447	0.447	0.483	0.679	0.735	0.604	0.701
OTU 344	-0.043	-0.205	0.239	0.315	0.405	0.258	0.604	0.593	0.549	0.562
OTU 345	-0.213	-0.488	0.194	0.373	0.257	0.435	0.504	0.519	0.458	0.664



IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 311	OTU 313	OTU 314	OTU 316	OTU 322	OTU 324	OTU 326	OTU 327	OTU 330	OTU 332
OTU 311	1.000									
OTU 313	0.526	1.000								
OTU 314	0.069	0.421	1.000							
OTU 316	0.373	0.586	0.405	1.000						
OTU 322	0.360	0.387	0.214	0.316	1.000					
OTU 324	0.384	0.542	0.085	0.309	0.621	1.000				
OTU 326	0.475	0.350	0.278	0.619	0.334	0.374	1.000			
OTU 327	0.206	0.184	0.177	0.384	0.306	0.337	0.393	1.000		
OTU 330	0.430	0.617	0.206	0.451	0.423	0.569	0.797	0.364	1.000	
OTU 332	0.527	0.573	-0.101	0.364	0.354	0.526	0.656	0.256	0.759	1.000
OTU 333	0.521	0.768	0.443	0.464	0.243	0.308	0.700	0.289	0.544	0.400
OTU 336	0.452	0.517	0.364	0.410	0.187	0.088	0.479	0.140	0.430	0.315
OTU 337	0.558	0.785	0.309	0.694	0.272	0.391	0.694	0.269	0.533	0.625
OTU 339	0.466	0.818	0.327	0.501	0.410	0.523	0.720	0.322	0.605	0.651
OTU 340	0.464	0.439	-0.032	0.322	0.318	0.470	0.580	0.357	0.625	0.771
OTU 341	0.494	0.642	0.379	0.388	0.392	0.310	0.685	0.442	0.645	0.496
OTU 342	0.579	0.647	0.540	0.394	0.266	0.254	0.513	0.195	0.394	0.296
OTU 343	0.605	0.684	0.507	0.493	0.443	0.271	0.648	0.287	0.549	0.439
OTU 344	0.446	0.624	0.364	0.347	0.310	0.171	0.413	0.213	0.336	0.330
OTU 345	0.599	0.637	0.065	0.452	0.357	0.391	0.448	0.056	0.375	0.446

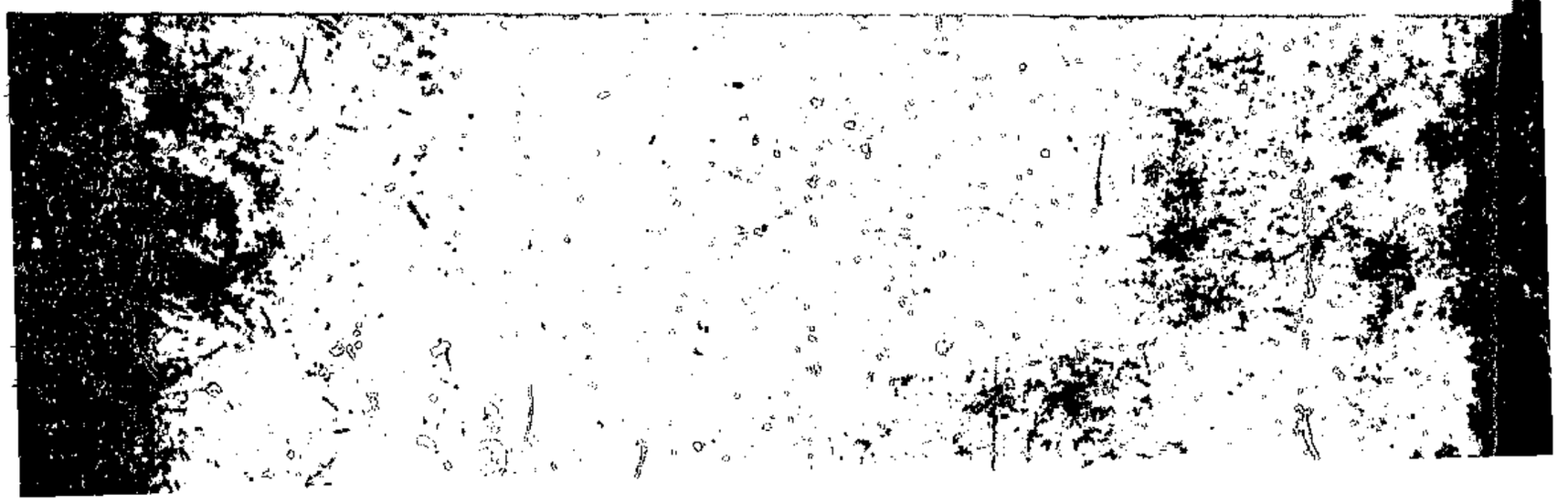




IDENTIFICATION:

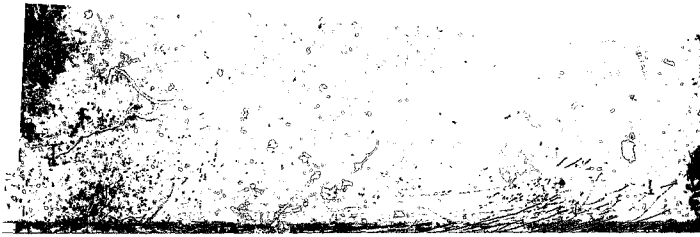
COMPUTE CORRELATIONS

	OTU 333	OTU 336	OTU 337	OTU 339	OTU 340	OTU 341	OTU 342	OTU 343	OTU 344	OTU 345
OTU 333	1.000									
OTU 336	0.533	1.000								
OTU 337	0.686	0.488	1.000							
OTU 339	0.747	0.358	0.770	1.000						
OTU 340	0.419	0.266	0.575	0.602	1.000					
OTU 341	0.712	0.556	0.574	0.697	0.582	1.000				
OTU 342	0.732	0.647	0.590	0.587	0.245	0.545	1.000			
OTU 343	0.705	0.767	0.664	0.625	0.404	0.659	0.854	1.000		
OTU 344	0.589	0.588	0.676	0.473	0.418	0.675	0.579	0.635	1.000	
OTU 345	0.571	0.521	0.703	0.613	0.517	0.472	0.462	0.590	0.481	1.000



APPENDIX IIC

Matrix of Euclidean Distance Values for 150 Female OTUs

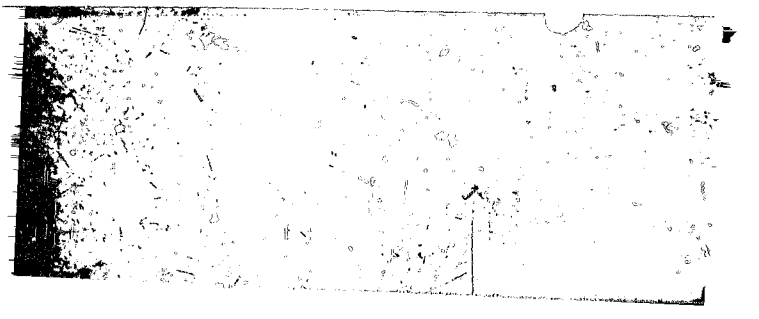


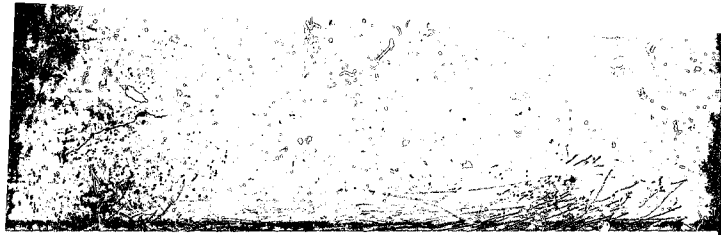
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 039	OTU 042	OTU 043	OTU 045	OTU 0.	OTU 049	OTU 050	OTU 057	OTU 058	OTU 057
OTU 039	0.000									
OTU 042	11.216	0.000								
OTU 043	11.092	9.820	0.000							
OTU 045	13.762	10.221	9.897	0.000						
OTU 047	12.302	9.551	9.222	7.405	0.000					
OTU 049	12.130	11.361	9.380	9.371	8.686	0.000				
OTU 050	13.619	8.357	10.174	9.227	8.959	9.436	0.000			
OTU 053	12.196	10.925	10.400	8.365	8.159	7.583	10.336	0.000		
OTU 054	12.794	8.448	10.667	8.880	7.908	9.091	8.958	8.681	0.000	
OTU 057	12.796	7.204	8.947	9.348	8.002	9.539	8.031	9.000	7.843	0.000
OTU 059	12.189	7.827	9.534	8.004	7.645	9.308	8.161	8.552	6.687	1.906
OTU 060	12.691	8.573	9.909	8.769	8.770	9.324	8.752	9.197	8.030	2.776
OTU 061	11.789	10.470	9.531	10.568	8.688	8.089	8.918	9.350	9.551	7.055
OTU 064	11.005	9.661	8.827	9.014	8.528	9.219	9.540	9.851	7.573	4.204
OTU 066	13.395	8.419	9.634	7.205	7.502	9.596	7.177	9.165	7.768	7.106
OTU 068	12.202	10.166	8.832	9.007	7.874	7.364	8.078	7.766	8.731	9.573
OTU 070	10.746	11.425	7.277	9.913	10.328	9.519	9.327	9.496	9.992	7.927
OTU 071	12.087	10.665	9.299	8.566	8.715	9.628	9.453	8.613	7.688	6.999
OTU 076	9.337	9.433	7.660	10.466	9.252	10.389	8.712	9.930	8.598	6.709
OTU 077	11.556	11.987	9.098	13.086	9.952	12.280	10.963	12.319	12.148	9.495
OTU 078	10.956	9.389	8.060	10.072	9.947	9.621	8.366	9.780	9.042	6.985
OTU 080	9.849	8.991	7.156	9.207	9.048	10.173	9.262	9.332	8.691	6.629
OTU 083	10.915	9.006	8.734	7.722	7.898	9.344	8.229	7.728	7.880	7.562
OTU 085	10.979	8.272	8.978	9.722	8.668	9.052	8.113	9.073	7.579	6.420
OTU 086	12.169	9.362	7.656	9.925	7.903	8.600	8.364	9.215	8.925	6.343
OTU 088	10.426	12.706	8.559	13.819	11.278	10.862	11.581	12.251	13.107	10.676
OTU 090	9.532	11.172	8.958	13.492	10.320	10.291	11.046	11.994	10.722	10.203
OTU 091	9.383	11.762	8.999	10.371	8.811	10.928	11.062	10.551	11.240	10.163
OTU 092	10.559	10.175	11.232	8.283	8.844	11.603	9.787	10.387	10.665	8.720
OTU 094	9.557	9.183	8.467	10.559	10.104	11.520	12.178	11.076	11.016	11.637
OTU 097	11.203	13.224	9.143	14.485	11.759	13.108	12.750	14.328	13.378	11.670
OTU 100	11.908	9.391	9.940	8.341	8.918	8.994	8.985	8.915	8.775	7.209
OTU 102	8.237	12.048	8.587	11.361	9.986	11.700	10.980	11.594	11.277	11.585
OTU 104	11.981	10.165	9.639	8.597	7.883	8.895	8.902	7.663	6.723	7.660
OTU 106	13.930	10.309	11.480	9.113	7.667	9.502	9.031	9.163	10.581	9.244
OTU 108	11.880	11.934	8.791	10.913	10.091	9.403	9.431	9.397	10.916	7.594
OTU 110	12.430	8.237	9.786	8.037	7.459	7.794	7.985	8.256	6.900	6.457
OTU 112	13.799	10.951	12.687	9.799	9.469	11.114	11.331	10.843	10.480	10.794
OTU 114	13.465	7.836	9.362	7.831	7.039	8.433	7.731	8.613	8.502	7.644
OTU 115	12.471	8.965	10.800	10.960	8.857	8.595	9.018	9.800	9.068	7.852
OTU 116	12.977	14.584	13.016	14.666	12.584	14.409	13.328	13.786	13.262	12.333
OTU 119	9.040	12.131	9.811	12.709	11.455	13.366	12.482	12.705	12.467	12.425
OTU 122	7.368	14.601	9.907	13.049	10.050	12.115	12.066	12.852	13.392	12.589
OTU 125	8.681	13.599	9.837	10.814	11.171	13.182	12.674	13.154	14.223	12.458
OTU 127	10.102	9.965	8.974	10.179	9.573	11.066	8.843	10.881	9.689	8.931
OTU 129	11.613	9.089	10.282	8.597	8.168	10.089	8.197	9.611	8.539	7.102
OTU 130	11.905	9.402	10.087	9.609	7.502	9.475	8.646	8.769	7.337	7.121
OTU 132	10.156	8.247	8.359	9.704	7.066	10.702	9.371	10.699	8.569	7.796
OTU 133	14.332	10.234	11.439	9.777	9.752	8.311	9.174	9.189	9.369	7.980
OTU 136	12.408	8.852	10.150	10.227	8.140	9.438	8.085	8.975	8.169	8.193

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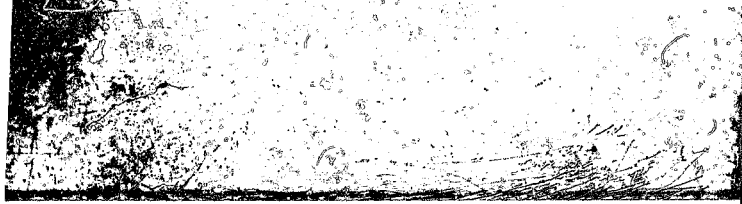
CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 039	OTU 042	OTU 043	OTU 045	OTU 047	OTU 049	OTU 050	OTU 053	OTU 054	OTU 057
OTU 138	14.731	10.098	11.343	11.655	9.909	8.670	9.559	10.853	10.725	9.826
OTU 140	11.871	6.711	8.480	9.531	8.185	9.169	8.928	9.169	8.036	7.285
OTU 143	11.927	9.617	9.593	11.187	9.595	9.969	9.994	9.373	10.025	7.250
OTU 145	13.569	7.402	11.077	9.661	7.78	8.551	7.634	9.555	7.397	6.871
OTU 147	11.508	7.708	7.198	9.803	9.081	9.130	8.803	9.981	8.389	7.592
OTU 149	11.290	8.877	9.934	10.588	9.259	10.455	9.144	10.635	9.298	8.079
OTU 151	12.566	9.087	9.828	9.475	8.996	8.961	8.584	7.967	8.958	7.177
OTU 152	11.476	10.272	9.469	11.310	10.551	9.995	8.823	10.050	11.180	8.990
OTU 153	9.198	10.537	8.772	11.015	10.364	10.169	9.690	10.526	9.968	8.940
OTU 155	12.453	7.817	7.525	8.913	8.116	7.994	7.354	8.947	8.430	7.304
OTU 158	10.868	10.270	9.981	12.586	9.9	9.172	9.901	11.368	10.409	10.213
OTU 159	11.315	10.357	8.376	9.484	9.441	7.872	8.459	7.739	9.004	7.230
OTU 162	13.032	8.154	9.271	10.390	10.726	11.042	10.881	11.113	10.253	9.655
OTU 165	12.074	10.925	9.557	12.533	12.210	11.660	10.998	11.981	12.657	8.986
OTU 166	13.567	10.306	10.506	10.931	10.225	8.677	8.932	9.383	10.393	9.115
OTU 167	13.705	10.435	9.775	11.161	10.096	9.287	8.917	10.251	11.182	8.254
OTU 171	12.005	8.008	9.204	8.136	9.196	8.940	8.164	8.823	9.277	7.589
OTU 177	11.050	9.692	9.586	9.200	9.373	9.715	10.433	9.160	7.806	8.594
OTU 181	9.321	10.226	8.146	10.020	9.859	9.493	8.632	9.758	9.366	8.437
OTU 183	11.526	10.429	9.185	10.254	10.378	8.834	8.373	9.223	9.978	9.162
OTU 185	11.330	11.928	8.366	11.098	8.861	8.473	10.311	9.604	9.908	8.109
OTU 187	11.323	7.868	8.819	9.158	8.041	8.826	7.612	9.365	7.852	8.228
OTU 189	11.461	10.574	8.788	10.280	10.138	10.129	9.997	10.515	10.095	7.667
OTU 191	11.791	7.679	8.075	8.926	7.711	10.523	8.515	9.675	8.297	6.395
OTU 192	10.788	8.565	8.404	10.510	8.509	10.609	8.816	9.534	8.419	6.396
OTU 196	12.315	8.050	7.408	9.260	9.613	9.486	8.256	9.831	8.508	7.160
OTU 197	13.638	10.264	9.081	8.936	7.812	10.613	10.015	10.333	9.978	7.084
OTU 198	11.336	8.982	8.634	8.779	8.726	9.467	9.317	9.438	8.993	7.797
OTU 200	12.853	7.368	9.521	10.903	8.669	10.358	8.154	9.896	8.709	7.516
OTU 204	11.757	11.569	9.230	9.258	7.796	8.131	10.597	7.719	8.613	8.183
OTU 208	10.798	8.576	8.431	10.920	8.936	9.147	8.729	9.812	8.171	7.432
OTU 209	11.815	9.866	11.128	8.300	8.830	10.409	9.704	10.023	8.720	8.253
OTU 210	12.677	8.674	9.729	7.164	7.183	10.605	8.970	10.010	7.575	8.560
OTU 211	11.553	9.547	10.072	11.557	8.896	10.078	9.547	11.391	8.645	7.817
OTU 213	8.104	10.904	7.783	11.106	10.348	9.223	10.296	10.952	9.593	9.902
OTU 8	9.393	12.011	8.267	12.790	10.395	11.089	11.342	12.069	11.567	10.179
OTU 218	7.677	11.704	8.147	12.603	10.872	11.698	11.142	11.767	10.564	10.486
OTU 220	13.062	10.409	12.639	12.299	10.999	9.777	10.842	11.407	10.969	9.735
OTU 227	13.795	8.856	9.388	9.586	9.693	8.571	8.860	9.914	8.881	7.370
OTU 229	12.180	9.864	9.629	8.881	8.345	8.572	8.771	9.049	9.269	7.808
OTU 231	12.928	9.850	10.961	9.874	8.353	9.467	8.660	9.796	10.076	8.108
OTU 234	13.186	12.550	13.042	10.837	10.917	9.875	11.403	10.527	10.908	9.742
OTU 235	12.705	10.286	11.483	10.931	9.156	9.162	11.277	10.245	9.114	8.922
OTU 236	13.967	10.421	11.233	9.331	8.835	9.860	9.613	9.515	10.438	8.867
OTU 237	13.679	9.073	10.490	10.174	9.470	9.672	9.540	10.189	8.569	9.530
OTU 241	10.682	10.476	12.357	8.921	10.449	11.402	10.841	11.013	10.097	9.939
OTU 243	12.757	9.869	11.108	11.061	9.805	8.352	10.038	9.747	10.216	8.302
OTU 244	13.218	10.516	11.400	10.199	9.666	7.531	9.347	8.634	9.461	8.629
OTU 247	14.065	9.384	11.306	9.851	9.051	8.938	10.484	10.417	10.169	9.068
OTU 251	14.381	9.694	10.946	9.289	7.187	8.931	8.116	10.026	9.470	7.353

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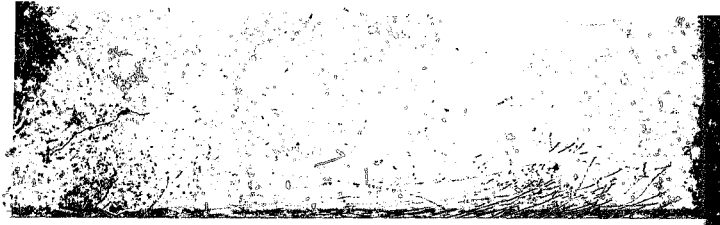


CONTINUATION OF

COMPUTE EUCLIDEAN *DISTANCE*

	OTU 039	OTU 042	OTU 043	OTU 045	OTU 047	OTU 049	OTU 050	OTU 052	OTU 054	OTU 057
OTU 252	10.098	11.591	13.079	12.611	12.110	11.863	12.286	12.364	13.392	11.269
OTU 254	13.427	11.007	9.793	10.206	8.525	7.336	8.725	10.125	10.674	8.826
OTU 256	13.178	9.916	10.561	9.334	9.391	9.611	8.083	9.570	9.569	6.132
OTU 259	14.348	11.275	11.034	9.527	9.958	8.815	10.675	9.488	11.153	11.003
OTU 260	13.693	9.451	9.640	9.321	8.506	8.133	9.848	9.965	9.836	9.387
OTU 262	11.990	10.038	9.796	8.625	8.434	8.332	8.738	9.361	8.940	9.383
OTU 264	10.828	9.612	10.471	10.569	8.581	9.101	9.675	9.800	9.016	8.238
OTU 266	12.851	10.886	9.853	9.967	9.130	7.962	8.998	8.977	9.919	7.360
OTU 268	13.009	8.918	9.284	9.836	9.133	7.563	8.122	8.473	9.397	8.207
OTU 270	12.772	9.622	9.893	9.582	9.132	8.168	8.046	8.687	7.855	7.273
OTU 272	13.416	10.842	10.160	10.559	9.784	7.606	9.182	10.536	9.348	9.912
OTU 273	12.127	8.713	10.004	10.007	10.197	8.836	9.518	9.787	10.308	9.185
OTU 276	14.902	9.150	11.333	12.429	10.166	10.706	9.976	11.363	10.806	8.301
OTU 278	14.348	9.806	10.320	10.965	9.364	9.988	10.117	10.942	9.776	8.585
OTU 280	12.662	9.966	8.914	7.712	7.926	7.479	7.847	8.496	8.604	8.871
OTU 282	14.146	9.970	10.579	8.897	8.177	9.956	9.031	9.558	8.472	9.233
OTU 283	14.750	10.968	13.184	12.685	10.747	10.137	10.960	6.557	10.061	8.823
OTU 286	13.416	9.968	10.664	9.271	8.719	7.906	9.122	9.139	8.862	7.884
OTU 288	14.097	10.100	10.128	10.763	10.147	8.281	8.911	10.570	10.723	9.176
OTU 289	13.161	10.737	10.689	9.979	8.911	9.236	10.800	9.927	9.535	9.666
OTU 292	11.293	9.321	9.138	10.764	8.553	7.186	7.918	8.574	7.857	7.616
OTU 295	13.639	10.220	10.828	10.917	9.303	8.269	8.353	10.137	8.971	7.826
OTU 296	11.926	8.976	9.875	11.639	10.162	11.706	10.005	11.823	8.868	10.192
OTU 297	9.979	9.278	10.303	12.631	10.501	11.736	9.537	11.904	9.122	9.595
OTU 298	7.943	11.799	10.321	12.382	11.676	10.360	11.205	11.343	8.951	10.876
OTU 301	8.501	12.869	9.288	11.351	10.156	11.536	11.569	11.170	10.654	11.223
OTU 303	10.398	11.892	9.416	14.066	12.073	12.630	10.691	12.718	10.717	10.700
OTU 306	10.875	11.132	8.664	14.330	12.189	12.648	11.297	13.038	11.288	10.771
OTU 308	10.853	9.571	9.696	12.581	11.795	12.625	10.900	13.054	10.586	11.862
OTU 310	10.359	10.749	9.735	13.425	11.792	12.900	10.826	12.970	10.798	10.554
OTU 311	11.648	10.799	8.133	12.763	10.829	11.290	10.328	12.095	9.330	9.743
OTU 312	11.605	10.736	8.915	13.216	11.844	12.568	11.655	12.765	11.210	11.491
OTU 314	11.243	9.110	10.496	12.073	10.595	12.519	10.542	12.858	9.712	9.409
OTU 316	9.920	9.140	7.900	10.638	10.836	11.952	9.884	10.926	10.015	8.817
OTU 322	8.644	11.086	10.018	12.917	10.387	11.436	10.105	10.956	9.399	9.128
OTU 325	9.322	10.937	9.640	11.664	10.825	10.461	10.310	10.203	8.785	9.630
OTU 326	8.617	10.259	7.919	10.818	9.160	10.820	9.243	9.140	9.204	9.257
OTU 327	10.161	10.872	9.884	12.082	10.410	10.021	9.552	10.983	10.677	10.436
OTU 330	8.708	11.829	9.228	13.011	10.844	10.978	10.886	10.738	9.624	10.392
OTU 332	9.181	12.597	7.903	11.362	11.190	10.093	11.137	11.062	10.459	10.837
OTU 333	10.788	11.892	8.892	11.673	9.991	11.494	9.268	12.177	9.888	9.953
OTU 336	11.057	12.662	9.001	13.700	12.096	12.886	11.655	13.707	10.717	11.625
OTU 337	11.026	11.162	7.763	12.673	11.585	12.021	10.780	12.768	11.721	10.803
OTU 339	10.054	10.384	7.778	11.183	10.786	10.959	10.683	12.246	10.097	9.914
OTU 340	7.996	11.959	7.713	11.735	10.970	9.772	10.199	10.739	10.520	10.106
OTU 341	9.961	10.033	7.994	12.807	9.710	10.435	9.888	11.483	9.504	8.533
OTU 342	10.828	10.560	8.476	13.104	10.733	11.877	10.576	12.721	10.545	10.587
OTU 343	9.673	11.566	8.741	13.769	11.947	12.466	11.313	13.362	11.476	11.089
OTU 344	13.032	13.349	10.536	16.046	13.931	14.567	12.712	15.608	14.148	12.476
OTU 345	9.645	11.944	7.351	12.601	10.994	12.024	10.753	12.132	11.123	9.892



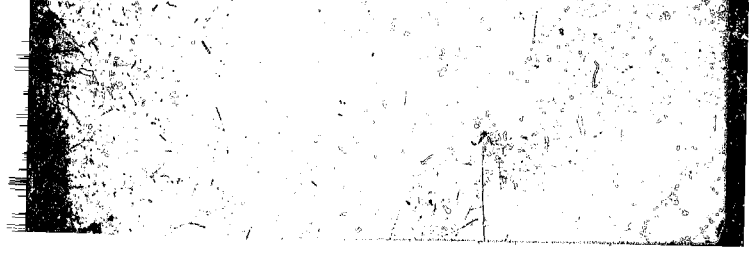


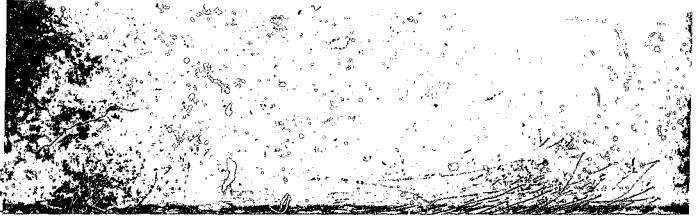
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 059	OTU 060	OTU 061	OTU 064	OTU 066	OTU 068	OTU 070	OTU 071	OTU 076	OTU 077
OTU 059	0.000									
OTU 060	5.430	0.000								
OTU 061	7.197	8.088	0.000							
OTU 064	7.133	8.952	7.559	0.000						
OTU 066	7.164	6.673	9.273	10.180	0.000					
OTU 068	9.334	9.284	9.868	9.220	7.987	0.000				
OTU 070	8.868	8.260	7.900	9.343	9.842	9.784	0.000			
OTU 071	6.869	6.395	6.782	8.118	8.827	10.102	7.297	0.000		
OTU 076	7.048	7.906	7.780	8.554	8.587	9.732	6.736	7.212	0.000	
OTU 077	10.187	10.691	9.454	11.036	11.988	11.811	10.686	11.084	8.391	0.000
OTU 078	7.211	8.597	6.900	9.097	8.936	8.781	9.832	8.469	7.052	6.305
OTU 080	6.362	7.170	7.674	6.971	8.440	9.903	6.471	6.891	5.049	8.946
OTU 083	5.783	7.219	7.643	7.011	8.035	8.659	7.178	6.829	7.722	10.282
OTU 085	5.550	6.721	6.647	7.621	8.273	8.549	7.265	6.489	6.116	9.799
OTU 088	7.056	7.669	8.819	8.500	8.940	8.307	7.611	8.195	7.959	8.766
OTU 098	11.692	11.639	10.412	11.909	12.095	10.513	9.752	12.308	9.706	7.506
OTU 090	9.625	9.809	9.907	9.041	11.155	10.684	9.057	10.170	8.004	8.166
OTU 091	10.055	10.766	10.549	9.811	11.115	10.128	9.046	9.898	8.632	8.408
OTU 093	6.702	7.804	8.759	9.837	9.191	10.496	10.016	9.018	8.591	11.103
OTU 094	11.687	11.017	11.468	11.636	11.259	10.389	10.307	11.337	8.930	9.568
OTU 097	12.252	12.502	11.611	12.196	13.099	11.465	11.491	12.258	10.062	9.359
OTU 100	6.556	7.348	8.472	7.189	8.521	9.390	6.190	6.354	7.319	11.002
OTU 102	11.112	11.733	11.271	12.092	11.190	9.945	10.173	11.241	8.689	9.189
OTU 104	6.843	8.226	7.403	8.691	8.801	8.316	8.542	7.647	8.965	10.964
OTU 106	7.855	8.216	9.339	10.286	8.069	9.405	11.042	9.580	11.005	10.109
OTU 108	7.920	7.671	7.336	11.183	8.759	9.040	7.065	8.136	7.043	9.248
OTU 110	6.790	7.734	8.771	8.751	8.810	8.981	10.166	8.114	9.328	11.604
OTU 112	9.345	9.458	11.472	11.693	8.826	10.484	12.576	10.366	11.516	13.193
OTU 114	7.267	8.102	8.013	9.128	6.990	7.660	9.717	8.686	9.360	10.521
OTU 115	8.360	8.700	7.695	9.261	8.585	9.612	8.650	9.506	8.191	9.424
OTU 117	11.215	12.140	11.669	12.781	12.808	11.198	10.585	11.180	9.630	10.838
OTU 119	12.687	13.246	11.741	11.401	13.180	12.090	11.219	11.548	9.564	10.365
OTU 122	12.164	12.218	10.486	10.459	13.136	11.730	9.478	10.967	8.947	9.965
OTU 125	11.861	11.943	11.049	12.195	12.936	12.124	12.207	11.759	9.899	9.104
OTU 127	8.348	8.457	8.931	8.942	9.014	8.455	8.529	8.311	6.659	10.253
OTU 129	6.950	8.947	7.359	8.616	7.607	8.919	9.687	7.749	7.075	9.907
OTU 130	6.699	9.091	6.830	8.371	8.386	9.132	9.807	7.108	6.979	10.328
OTU 132	7.272	8.996	8.919	7.316	8.580	9.256	10.306	8.990	7.674	8.400
OTU 135	6.813	7.442	7.895	9.689	8.257	9.741	9.668	7.577	9.047	11.518
OTU 136	7.268	9.237	7.908	9.489	8.150	9.299	9.817	8.836	8.277	9.769
OTU 138	9.965	10.613	8.224	10.693	10.376	10.062	12.027	10.402	11.489	11.835
OTU 140	6.664	8.316	7.121	8.656	8.796	8.847	8.467	7.517	7.748	9.863
OTU 143	7.628	8.837	6.733	10.382	9.920	10.180	8.875	8.407	7.433	8.905
OTU 145	5.683	7.881	7.152	9.016	7.602	9.136	10.184	8.476	8.696	11.581
OTU 147	6.248	7.109	7.254	7.279	8.609	8.809	7.520	6.978	6.792	9.947
OTU 149	7.016	8.900	8.432	9.453	7.561	9.169	9.119	8.318	8.634	8.992
OTU 151	6.879	7.980	8.209	9.173	7.332	8.687	10.071	8.427	9.317	10.678
OTU 152	8.218	9.904	8.565	10.028	10.338	9.995	8.779	9.086	7.746	8.748
OTU 153	7.153	8.006	7.757	8.726	8.963	10.057	8.682	7.929	7.662	9.820
OTU 155	7.139	7.019	7.807	8.480	7.125	7.505	8.473	7.944	8.198	9.351

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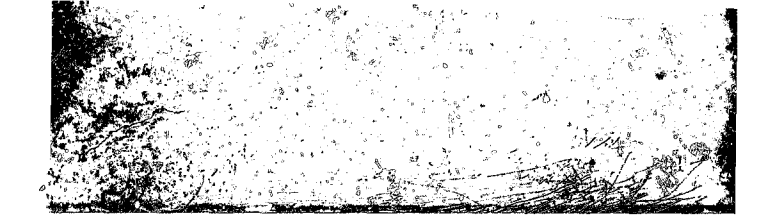


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 059	OTU 060	OTU 061	OTU 064	OTU 066	OTU 068	OTU 070	OTU 071	OTU 076	OTU 077
OTU 158	9.995	9.919	9.175	8.791	10.163	8.858	9.780	10.615	9.036	8.965
OTU 159	7.922	8.181	5.341	9.895	9.409	8.951	6.385	7.572	7.248	9.658
OTU 162	8.443	8.918	10.255	11.397	9.118	10.449	11.190	9.769	9.894	11.263
OTU 165	9.196	9.158	7.416	10.156	10.483	11.843	8.836	9.055	7.859	10.251
OTU 166	6.515	9.490	7.344	10.086	9.819	8.758	10.289	9.642	10.187	10.676
OTU 167	8.551	9.714	6.909	8.335	10.837	10.114	9.283	9.119	9.892	9.708
OTU 177	9.898	9.936	7.808	6.429	8.385	8.399	8.331	7.333	8.148	10.819
OTU 177	6.780	7.808	8.693	9.979	9.181	9.906	6.587	7.665	8.545	12.293
OTU 181	7.080	7.819	5.766	9.579	8.321	9.339	6.724	7.128	9.199	8.003
OTU 183	6.853	8.079	7.461	7.528	10.199	8.196	7.177	8.578	8.218	11.771
OTU 186	8.760	9.656	7.820	8.544	11.215	9.497	9.263	8.807	8.498	8.352
OTU 187	7.757	8.391	7.329	9.031	9.735	8.156	9.187	8.517	8.180	10.052
OTU 189	7.768	9.053	6.081	9.682	10.561	10.463	7.982	8.502	7.909	8.599
OTU 191	6.890	7.681	7.765	7.894	8.325	9.198	8.686	7.782	7.703	8.566
OTU 194	7.901	7.932	6.737	8.230	9.195	9.809	6.180	7.038	6.100	8.310
OTU 196	7.303	8.611	8.579	9.075	9.472	8.361	8.628	8.041	8.113	9.238
OTU 197	7.381	8.002	6.372	9.198	10.257	10.257	9.868	8.902	8.961	9.306
OTU 199	7.293	8.753	8.477	6.171	6.740	9.924	8.512	7.474	8.341	11.670
OTU 200	7.346	8.634	8.861	9.800	9.906	9.367	10.446	9.161	8.994	9.430
OTU 202	8.237	8.428	7.297	9.238	9.101	8.521	9.302	8.976	9.042	11.012
OTU 206	6.957	7.887	5.813	8.882	8.671	9.360	7.900	7.597	8.636	8.545
OTU 209	6.385	8.992	8.735	7.991	8.676	10.488	8.997	7.436	8.802	12.323
OTU 210	7.048	8.329	7.315	8.899	9.765	9.710	10.536	8.662	8.800	11.572
OTU 212	8.201	10.219	7.833	10.218	9.615	9.635	9.834	9.771	7.693	9.181
OTU 213	9.380	9.591	9.021	8.952	10.081	8.912	7.864	9.796	7.926	9.781
OTU 216	11.111	12.056	10.218	11.577	11.991	10.402	9.803	11.449	8.209	8.962
OTU 218	10.140	11.339	10.060	9.783	11.004	10.275	8.769	10.767	7.691	9.172
OTU 220	10.447	11.069	9.652	11.352	11.520	10.846	12.461	11.620	11.737	13.002
OTU 227	6.355	8.016	7.116	8.729	8.833	9.879	9.532	7.728	8.906	10.918
OTU 229	6.896	8.099	7.765	8.372	9.486	9.131	9.913	8.565	8.942	9.777
OTU 231	6.870	7.991	7.325	8.808	8.809	9.082	10.660	8.369	8.093	9.451
OTU 234	7.962	9.188	9.058	11.173	10.511	11.497	12.517	9.631	12.013	13.125
OTU 235	7.084	9.105	9.526	8.730	10.729	10.777	11.431	8.962	9.828	11.463
OTU 238	7.403	7.109	6.639	9.485	8.749	9.305	10.796	7.997	10.288	11.602
OTU 239	6.975	8.665	8.992	9.887	8.775	10.451	12.302	9.181	10.537	13.183
OTU 241	7.888	7.611	11.358	10.914	8.908	11.076	11.767	9.009	11.680	12.985
OTU 243	7.322	8.099	7.986	10.113	9.309	9.502	11.429	9.198	9.825	9.871
OTU 246	6.929	8.040	7.504	9.640	9.583	9.059	10.180	8.004	10.005	11.152
OTU 247	7.840	8.596	9.856	10.525	8.792	9.979	12.282	10.161	10.936	11.388
OTU 251	7.167	7.508	7.651	9.486	7.615	9.385	11.158	7.913	9.469	9.977
OTU 252	10.373	11.363	11.197	12.306	12.359	12.421	13.675	11.450	13.369	13.731
OTU 254	8.258	8.209	7.717	9.993	9.265	8.747	9.954	9.667	10.065	10.283
OTU 256	6.017	7.515	6.269	9.736	8.868	9.922	9.228	7.836	8.052	9.340
OTU 259	9.505	8.177	11.639	9.572	10.450	9.370	10.944	10.115	11.895	12.049
OTU 260	7.899	8.966	9.257	9.179	8.572	9.105	10.445	8.317	9.893	11.603
OTU 262	7.583	8.224	8.609	9.001	8.392	7.654	9.660	8.211	9.821	10.481
OTU 264	6.184	7.864	7.092	9.087	8.369	9.255	9.857	8.336	8.008	9.252
OTU 266	7.162	7.999	7.593	9.574	9.658	8.746	9.594	8.125	9.006	9.618
OTU 268	7.547	7.800	7.093	9.506	8.609	7.709	9.648	8.756	9.345	10.398
OTU 270	6.786	7.925	6.658	9.173	8.021	8.794	9.544	8.752	8.423	11.065

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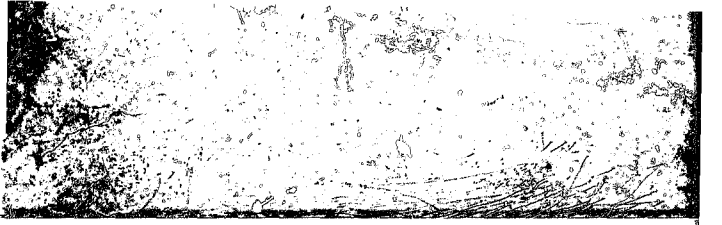


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 059	OTU 060	OTU 061	OTU 064	OTU 066	OTU 068	OTU 070	OTU 071	OTU 076	OT 077
OTU 272	8.549	8.941	8.590	8.652	8.804	8.534	10.360	8.476	10.110	1.573
OTU 273	7.153	6.749	7.405	8.746	9.420	8.995	10.419	9.138	8.966	8.956
OTU 27	8.308	9.257	9.127	9.851	10.029	10.453	11.151	10.368	10.066	10.173
OTU 278	6.860	7.422	9.736	9.121	10.034	10.160	11.797	10.001	11.115	11.018
OTU 280	6.667	6.137	8.437	8.187	7.268	6.399	9.208	7.624	9.051	10.638
OTU 282	6.941	7.560	9.448	8.409	7.237	6.810	11.113	8.994	10.691	11.670
OTU 283	8.780	9.058	9.602	11.907	10.887	10.304	11.831	10.283	9.891	12.037
OTU 286	7.122	8.526	7.946	8.482	9.112	8.753	9.904	8.322	10.081	11.090
OTU 288	8.479	8.487	8.962	9.684	9.684	8.989	9.814	9.760	10.276	10.807
OTU 289	6.870	6.956	9.063	8.711	9.568	9.254	10.978	8.522	10.191	10.171
OTU 292	7.725	8.450	7.534	8.886	8.463	7.639	8.399	8.683	7.491	10.191
OTU 295	7.189	6.556	5.795	8.799	9.029	8.040	8.651	8.068	8.159	10.282
OTU 296	9.428	11.061	11.294	10.224	10.124	9.959	10.571	11.339	9.237	11.695
OTU 297	9.788	10.366	10.536	9.768	9.729	9.68	10.302	10.784	8.380	11.253
OTU 298	10.079	10.993	10.725	9.858	10.836	1 11	9.11	10.358	8.608	12.672
OTU 301	11.142	12.271	11.618	10.400	12.535	10.9 16	9.170	11.031	8.380	13.903
OTU 305	10.553	11.183	10.163	11.343	11.065	10.527	9.922	10.958	7.855	10.020
OTU 306	10.595	11.189	10.400	11.187	11.567	11.538	8.690	11.286	8.134	9.861
OTU 308	11.190	11.970	11.731	10.989	11.531	11.022	10.690	12.230	9.344	9.676
OTU 310	10.500	11.425	11.095	10.195	11.509	10.696	10.332	11.798	8.254	9.669
OTU 312	9.903	10.046	9.907	9.276	11.119	9.570	8.733	9.879	8.169	9.968
OTU 313	11.333	12.135	12.041	10.602	11.894	10.060	10.592	12.545	9.884	10.439
OTU 314	8.486	10.102	10.290	10.490	9.994	11.078	11.580	10.345	9.168	9.977
OTU 316	8.460	9.602	8.275	9.469	9.904	9.232	7.999	9.413	7.183	8.857
OTU 322	8.993	10.234	9.553	10.312	10.555	9.253	9.958	9.763	6.777	9.338
OTU 324	9.566	10.526	9.309	10.762	9.973	8.653	8.609	9.898	7.619	10.859
OTU 326	9.857	10.559	9.934	8.894	9.579	8.941	8.199	9.894	7.537	10.237
OTU 327	10.163	11.077	9.833	11.060	10.505	8.469	10.436	11.070	9.225	10.167
OTU 330	10.027	10.853	10.377	8.917	9.944	8.851	8.756	10.087	8.334	11.484
OTU 332	10.559	10.561	9.703	9.510	10.958	9.073	7.310	10.025	8.761	10.973
OTU 333	9.066	9.909	10.676	8.179	9.719	9.992	9.785	10.824	7.961	9.017
OTU 336	11.624	12.029	11.774	11.253	11.929	11.749	10.965	12.572	9.455	9.845
OTU 337	10.936	11.196	10.793	10.574	11.226	10.217	8.231	11.107	8.789	9.096
OTU 339	10.124	10.690	11.026	9.899	10.579	9.564	8.888	11.217	8.253	10.339
OTU 340	10.210	10.283	9.103	9.800	10.970	9.523	8.907	9.599	7.469	10.024
OTU 341	9.380	10.213	9.391	9.567	10.038	9.974	8.930	10.128	6.748	9.124
OTU 342	10.098	10.511	11.200	10.119	10.561	9.777	10.560	11.240	8.683	9.178
OTU 343	10.691	11.005	11.667	10.273	11.008	10.482	10.131	11.660	8.948	9.483
OTU 344	13.665	13.954	11.953	12.966	13.752	12.827	12.169	13.442	10.477	9.613
OTU 345	10.398	10.361	10.401	9.918	11.305	10.426	7.871	10.550	8.973	7.891



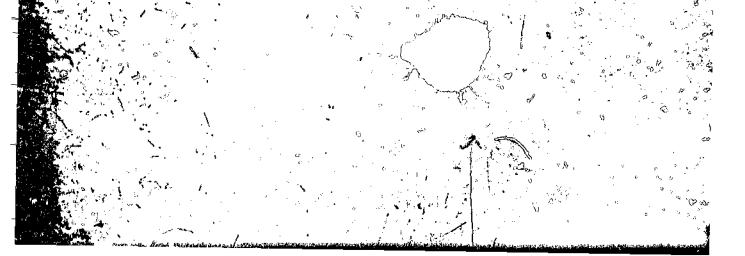


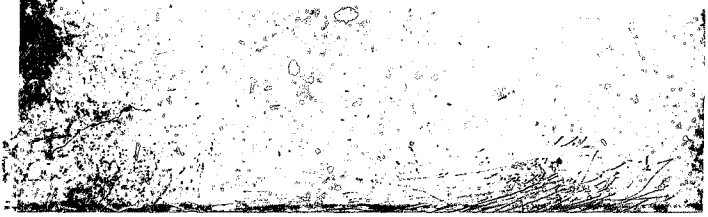
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 078	OTU 080	OTU 083	OTU 085	OTU 086	OTU 088	OTU 090	OTU 091	OTU 093	OTU 094
OTU 078	0.000									
OTU 080	7.193	0.000								
OTU 083	7.470	7.416	0.000							
OTU 085	6.708	6.300	6.369	0.000						
OTU 086	7.095	7.594	7.243	7.151	0.000					
OTU 088	8.188	9.387	10.664	10.512	9.227	0.000				
OTU 090	3.089	8.556	9.012	7.706	8.883	7.986	0.000			
OTU 091	7.211	8.102	9.324	8.174	9.249	8.029	8.426	0.000		
OTU 093	9.733	8.567	7.435	8.503	9.079	13.301	12.338	11.768	0.000	
OTU 094	9.304	9.171	10.680	9.831	11.273	9.717	8.522	7.419	13.267	0.000
OTU 097	8.819	10.090	12.512	10.676	10.560	8.944	8.886	8.666	14.241	8.541
OTU 100	8.902	7.193	6.613	6.246	7.135	11.379	9.324	8.718	8.365	10.962
OTU 102	8.484	9.110	9.298	8.579	7.979	9.482	8.488	5.898	12.734	6.663
OTU 104	8.023	8.240	6.041	7.265	6.854	11.273	10.331	10.060	8.138	11.263
OTU 106	8.513	9.726	9.830	7.992	9.507	12.408	11.303	11.220	7.770	12.198
OTU 108	7.761	6.395	7.918	7.521	7.898	9.830	9.483	9.938	9.383	10.330
OTU 110	8.514	9.138	7.291	7.582	6.793	12.849	9.974	10.382	8.731	10.799
OTU 112	10.829	9.981	9.240	9.995	11.528	14.224	11.619	12.155	9.313	12.129
OTU 114	7.643	8.667	7.117	7.579	7.175	11.161	10.664	9.996	9.318	11.047
OTU 115	8.138	8.762	8.332	8.334	6.355	9.923	9.240	9.986	10.555	11.262
OTU 116	11.651	11.552	11.899	10.889	11.755	12.884	10.863	11.564	13.990	11.994
OTU 119	9.980	9.577	10.559	10.198	11.490	10.991	8.180	9.320	13.774	7.153
OTU 124	9.602	9.351	8.651	10.272	11.639	9.869	9.100	8.101	13.008	8.227
OTU 125	9.067	9.763	11.889	11.144	11.376	10.652	9.561	8.716	13.819	7.967
OTU 127	7.752	7.670	7.583	6.992	6.811	10.308	9.249	9.288	10.705	8.483
OTU 129	7.053	8.203	7.487	7.499	7.467	11.215	9.823	9.673	9.684	11.459
OTU 130	7.539	7.886	8.270	7.146	7.957	12.074	10.918	10.457	10.378	11.493
OTU 132	6.108	7.566	7.683	6.777	7.644	10.087	7.377	7.657	9.877	8.610
OTU 135	9.429	8.791	8.196	7.876	8.803	13.056	12.289	12.661	7.718	13.483
OTU 136	7.591	8.550	7.297	7.110	7.311	10.858	9.769	10.296	9.875	11.826
OTU 138	9.369	10.982	10.602	10.269	9.042	11.806	12.713	13.018	11.305	14.779
OTU 140	7.199	7.650	7.036	6.869	5.380	10.853	9.190	8.595	10.100	10.582
OTU 143	7.434	7.680	8.973	6.745	8.750	9.416	9.128	9.994	10.365	11.096
OTU 145	8.753	8.895	8.293	8.822	7.978	12.278	10.671	9.900	8.968	12.881
OTU 147	7.366	6.397	6.723	6.894	6.660	10.211	7.772	9.318	9.295	9.647
OTU 149	7.447	7.190	9.370	6.585	7.157	10.765	8.395	9.068	9.678	9.799
OTU 151	8.172	8.419	9.067	7.413	7.986	11.895	10.785	11.330	8.697	12.230
OTU 152	7.598	8.161	7.927	8.093	8.076	10.032	9.867	10.555	10.366	10.716
OTU 153	8.776	6.438	7.084	7.262	6.486	9.984	8.621	9.298	9.384	10.668
OTU 156	7.975	7.868	7.997	6.678	7.160	10.431	10.121	9.711	9.926	10.475
OTU 158	8.249	9.438	9.256	9.037	7.869	8.190	7.840	9.934	11.645	10.760
OTU 159	7.739	7.854	7.719	7.668	6.787	9.952	10.990	9.633	10.171	10.973
OTU 162	9.379	9.954	10.227	9.015	9.265	12.521	11.516	11.095	10.580	12.582
OTU 165	9.603	7.277	9.570	8.224	8.006	11.209	9.992	11.353	11.279	11.389
OTU 166	8.377	9.047	8.972	8.828	8.416	10.244	11.375	11.671	10.266	12.405
OTU 167	7.857	9.319	8.929	8.603	7.029	9.947	11.452	11.003	10.732	12.983
OTU 171	8.555	7.586	5.443	6.667	7.115	11.333	9.836	10.258	7.094	12.058
OTU 177	9.290	7.812	7.585	6.510	9.220	11.901	9.290	9.886	10.143	10.469
OTU 181	8.834	9.587	7.695	6.998	9.508	9.037	8.485	8.606	9.688	9.480
OTU 183	9.833	8.953	7.687	7.310	8.449	11.261	10.610	11.452	10.092	11.940

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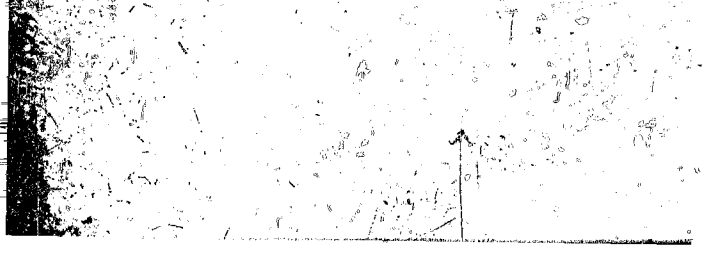


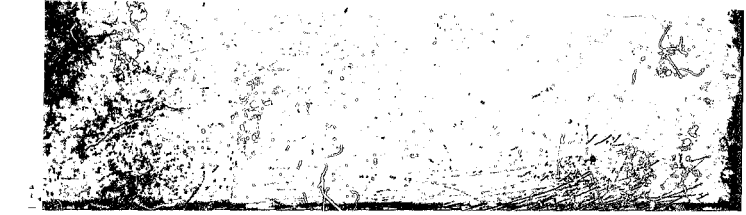
CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 078	OTU 080	OTU 083	OTU 085	OTU 086	OTU 088	OTU 090	OTU 091	OTU 093	OTU 096
OTU 186	7.673	8.873	9.293	8.492	7.015	9.035	9.672	8.352	11.182	11.173
OTU 187	7.450	8.089	7.778	7.705	7.779	10.680	9.910	9.337	10.295	10.615
OTU 189	7.600	6.969	8.643	8.010	7.784	9.999	10.604	9.801	9.416	11.608
OTU 191	7.598	6.979	7.096	6.885	6.978	10.824	9.319	8.676	8.551	9.563
OTU 194	7.367	6.082	6.657	5.814	6.723	9.940	8.108	9.103	8.469	10.074
OTU 196	7.257	7.993	8.063	6.412	7.217	9.813	9.370	7.981	9.801	9.835
OTU 197	7.165	8.349	8.340	7.938	8.003	11.043	10.639	7.809	9.535	10.916
OTU 199	9.112	8.290	7.390	6.829	8.959	12.175	9.380	9.582	9.676	11.547
OTU 200	8.276	8.767	8.716	7.205	7.444	11.292	9.749	10.473	9.946	11.292
OTU 202	7.926	9.361	9.151	7.802	9.092	11.572	10.386	9.917	10.367	11.289
OTU 206	7.904	7.760	7.770	6.346	8.009	9.947	7.168	8.886	9.234	10.173
OTU 209	9.531	8.673	7.909	7.329	9.019	13.834	10.577	10.457	9.944	12.189
OTU 210	8.638	8.672	8.209	7.765	9.362	13.456	11.567	9.890	9.998	11.309
OTU 212	6.904	9.115	7.186	7.111	8.390	9.355	9.169	9.043	11.490	11.162
OTU 213	8.606	8.300	8.520	7.754	8.716	8.644	8.953	7.944	11.764	8.731
OTU 216	8.529	9.098	9.960	9.501	9.709	8.140	9.224	8.970	14.139	8.940
OTU 218	8.948	8.511	9.339	8.246	9.615	9.728	7.617	7.370	13.073	7.469
OTU 220	17.417	17.259	17.907	18.776	18.261	12.503	13.209	14.507	11.691	15.337
OTU 227	8.238	6.398	8.272	6.582	7.003	11.735	10.998	10.707	9.599	12.039
OTU 228	8.702	8.253	7.682	7.596	7.517	10.029	9.950	10.379	9.536	11.595
OTU 231	6.008	6.828	6.533	7.661	7.804	10.737	10.510	11.263	8.670	11.494
OTU 234	10.456	11.201	10.398	10.298	10.790	13.814	13.515	13.496	10.571	14.949
OTU 235	10.280	9.474	9.584	8.578	8.969	12.170	10.397	11.942	10.044	12.585
OTU 236	8.866	8.994	9.314	8.256	9.938	12.943	12.009	12.410	9.741	13.227
OTU 239	10.121	10.193	9.871	8.358	10.305	14.068	11.267	12.685	10.276	13.802
OTU 241	11.323	9.629	9.039	9.450	11.438	14.824	12.599	12.939	7.288	13.057
OTU 243	8.128	9.218	9.826	8.023	8.570	10.289	9.371	11.368	9.670	11.794
OTU 244	6.916	9.447	9.328	8.086	8.711	10.969	10.071	12.103	8.958	12.410
OTU 247	7.948	8.441	8.267	8.973	9.686	12.125	10.469	12.182	9.398	12.958
OTU 251	7.884	9.283	9.352	8.037	7.957	11.908	11.134	11.929	8.993	12.672
OTU 252	17.492	13.101	11.180	11.922	11.752	14.661	12.627	12.819	12.237	14.254
OTU 254	8.941	9.589	9.675	8.777	7.382	10.655	10.683	11.484	9.967	11.978
OTU 256	6.927	7.859	8.011	7.105	7.347	10.703	10.958	10.736	7.881	11.910
OTU 259	11.113	10.377	6.981	9.962	10.106	12.257	11.170	11.611	9.001	12.840
OTU 260	9.418	8.899	9.429	8.718	9.587	11.980	11.289	11.627	9.903	12.335
OTU 262	9.332	8.997	7.079	7.808	8.529	11.036	9.804	10.501	7.969	11.598
OTU 264	7.950	7.452	8.073	7.784	8.289	10.376	7.042	10.580	8.669	10.953
OTU 266	6.885	6.956	8.405	7.123	6.657	10.553	9.656	11.083	7.735	11.091
OTU 268	7.977	6.572	7.491	7.045	6.887	10.887	10.057	11.412	8.473	10.583
OTU 270	8.531	8.251	7.740	6.642	8.218	11.400	10.541	11.180	8.814	11.817
OTU 272	9.612	10.389	9.037	8.351	8.504	12.052	9.891	12.060	10.290	12.216
OTU 273	7.865	8.587	9.054	7.698	7.886	9.996	9.306	11.061	9.465	11.257
OTU 276	9.109	9.677	9.720	8.342	8.811	10.886	10.379	12.579	10.058	13.073
OTU 278	9.123	10.332	9.521	8.588	7.839	12.606	11.201	11.874	9.311	13.270
OTU 280	8.211	8.494	8.411	6.999	7.824	10.841	10.004	9.836	8.034	10.577
OTU 282	9.843	9.539	9.295	7.858	8.628	13.131	10.948	11.878	7.905	12.402
OTU 283	10.464	10.256	10.330	9.469	9.860	12.412	12.178	13.921	11.574	14.203
OTU 286	9.717	9.536	8.403	8.009	8.051	...225	10.650	11.569	8.668	13.281
OTU 288	9.769	9.538	8.927	8.353	7.757	...13	10.786	12.608	9.592	12.388
OTU 289	5.303	9.498	8.470	7.969	8.091	...3	10.443	10.261	8.266	11.574

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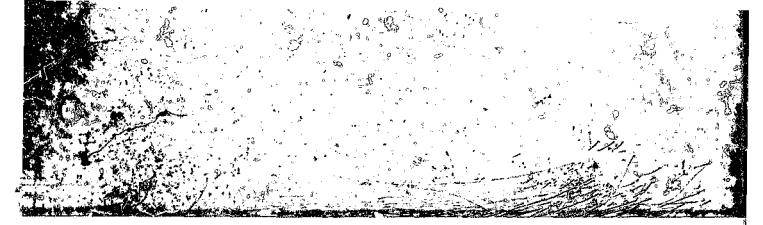


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 078	OTU 080	OTU 083	OTU 085	OTU 086	OTU 088	OTU 090	OTU 091	OTU 093	OTU 094
OTU 292	7.052	8.513	8.231	6.013	6.929	9.133	7.979	10.103	10.604	10.190
OTU 295	7.463	8.967	8.649	6.226	7.053	10.230	9.407	10.997	10.599	11.757
OTU 296	9.404	10.129	9.516	7.975	10.155	11.405	9.311	9.175	12.273	9.750
OTU 297	9.158	10.272	9.456	8.040	9.679	10.922	8.845	10.303	12.866	10.828
OTU 298	10.479	9.903	9.355	8.371	10.984	11.206	8.516	10.089	13.214	9.965
OTU 301	9.708	9.992	10.146	8.880	10.829	9.892	9.036	8.669	13.876	9.429
OTU 305	9.161	9.420	10.569	8.535	10.841	10.705	8.395	9.770	13.586	9.461
OTU 306	9.339	9.445	10.653	8.551	9.708	10.835	7.127	8.983	13.695	9.255
OTU 308	9.507	9.461	11.006	9.209	10.861	11.218	10.136	8.566	12.584	9.534
OTU 310	9.232	9.631	10.027	8.539	9.489	10.798	8.552	9.598	12.621	9.525
OTU 311	8.086	9.268	8.987	7.624	8.289	9.239	8.102	8.183	11.158	9.614
OTU 313	9.960	10.059	10.639	9.174	10.217	11.178	9.262	10.086	12.735	9.870
OTU 314	8.291	8.791	9.165	7.707	10.272	11.048	8.082	9.762	12.092	10.263
OTU 316	7.646	6.643	7.572	6.728	8.894	9.961	6.683	7.385	10.173	9.033
OTU 322	7.956	8.317	8.208	6.838	9.261	9.999	8.637	8.975	11.074	9.565
OTU 324	8.863	9.1	9.205	7.927	9.609	10.621	9.162	9.941	12.209	9.362
OTU 326	8.577	8.764	8.808	7.096	8.910	10.190	8.607	7.727	11.679	8.608
OTU 327	8.505	9.780	10.136	8.316	10.224	9.824	9.576	8.781	12.689	10.112
OTU 330	9.406	9.030	8.880	7.469	10.126	11.090	8.706	8.809	12.205	9.876
OTU 332	9.479	8.892	9.208	8.026	9.875	9.814	8.717	8.473	12.127	9.260
OTU 333	8.071	8.761	9.207	7.650	8.591	10.119	8.227	8.462	11.693	8.692
OTU 336	9.685	10.067	11.186	10.402	10.539	11.076	9.512	8.995	13.252	10.011
OTU 337	9.368	8.839	9.767	8.623	9.125	9.993	8.637	8.685	12.138	9.107
OTU 339	9.159	8.686	9.482	8.274	9.[illegible]	9.471	8.243	8.567	12.044	9.146
OTU 340	8.934	8.301	8.884	7.549	9	8.730	7.749	7.980	12.530	8.182
OTU 341	7.467	8.538	9.251	7.233		8.763	7.578	7.744	12.191	8.926
OTU 342	8.776	9.750	10.354	8.983		9.908	7.745	8.644	12.951	8.992
OTU 343	9.630	9.451	10.783	8.984		9.823	7.724	8.796	12.676	8.781
OTU 344	10.379	11.717	13.631	11.977		11.115	10.748	11.670	15.343	11.644
OTU 345	9.012	7.787	9.415	8.721	8.[illegible]3	8.958	7.[illegible]9	7.992	12.081	8.889



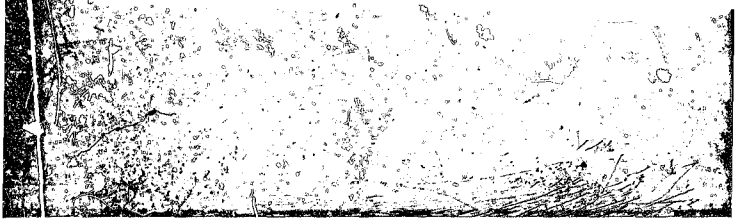


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 097	OTU 100	OTU 102	OTU 104	OTU 106	OTU 108	OTU 110	OTU 112	OTU 114	OTU 115
OTU 097	0.000									
OTU 100	11.945	0.000								
OTU 102	8.831	9.869	0.000							
OTU 104	12.756	9.229	10.943	0.000						
OTU 106	14.099	9.763	12.264	8.898	0.000					
OTU 108	12.176	8.377	11.002	7.586	9.866	0.000				
OTU 110	12.926	7.299	10.695	7.577	6.621	9.086	0.000			
OTU 112	14.775	10.438	12.831	9.557	8.796	10.069	7.345	0.000		
OTU 114	12.893	8.001	10.810	7.138	7.197	8.154	5.742	8.604	0.000	
OTU 115	11.576	7.809	10.100	8.199	8.593	8.129	8.130	11.997	7.199	0.000
OTU 116	12.660	12.279	11.771	11.829	13.265	11.484	11.477	12.788	12.210	12.254
OTU 119	7.927	11.800	7.663	12.263	12.911	11.617	11.091	12.754	12.283	11.332
OTU 122	8.663	11.148	7.736	12.035	13.496	11.010	12.103	15.111	13.127	12.072
OTU 125	9.105	12.592	8.939	11.532	13.091	10.408	12.352	14.178	13.059	11.934
OTU 127	8.439	9.934	8.104	8.151	11.632	9.154	9.388	11.383	9.528	10.068
OTU 129	11.265	8.469	9.543	7.385	9.173	9.082	7.456	9.773	6.971	8.510
OTU 130	12.001	8.693	10.348	7.690	9.078	9.302	7.752	10.163	9.010	8.000
OTU 132	8.871	8.382	7.196	6.311	9.387	10.045	7.685	9.756	7.782	8.049
OTU 133	14.435	7.783	13.018	7.749	8.289	8.123	7.994	9.936	9.483	9.246
OTU 136	12.561	8.157	10.099	8.001	8.615	8.219	7.472	9.951	6.003	8.365
OTU 138	14.170	11.246	13.477	9.207	9.561	10.584	9.096	12.008	7.961	9.166
OTU 140	10.534	7.306	9.230	6.269	9.809	8.693	8.103	10.578	7.059	7.756
OTU 141	11.669	8.882	11.045	8.550	10.101	9.399	9.167	10.859	7.723	7.786
OTU 145	13.479	8.336	12.516	8.115	8.895	9.115	6.889	8.882	6.009	7.867
OTU 147	10.082	6.310	9.040	6.051	8.829	7.900	7.564	9.818	7.587	7.512
OTU 149	11.327	7.269	8.556	6.209	9.634	7.557	7.719	9.763	7.434	7.397
OTU 151	12.734	8.558	11.520	8.051	9.005	9.010	7.317	9.326	6.324	7.957
OTU 152	12.030	9.958	10.502	8.333	10.124	7.889	9.990	12.388	8.625	8.840
OTU 153	11.629	7.548	10.179	7.773	10.654	8.424	9.201	10.961	9.144	8.146
OTU 155	11.923	7.660	10.164	7.824	8.537	8.836	6.569	10.084	6.021	6.841
OTU 156	9.468	9.825	9.138	9.755	10.241	9.491	8.568	10.162	9.210	7.082
OTU 159	12.063	7.388	10.285	7.396	10.406	8.360	8.716	11.881	7.490	7.196
OTU 162	12.620	8.721	11.673	11.135	11.114	10.588	8.825	11.748	9.069	8.413
OTU 163	11.758	9.541	11.305	9.353	11.878	9.229	10.338	11.396	9.753	9.368
OTU 166	12.963	10.302	12.356	8.767	9.073	9.512	8.726	12.244	6.988	8.815
OTU 167	11.837	9.774	12.272	8.719	9.814	9.967	9.832	13.238	8.122	8.550
OTU 171	12.640	6.100	10.813	7.180	8.595	6.598	6.576	9.532	6.111	7.806
OTU 177	13.123	8.817	10.866	7.902	11.225	9.186	7.903	9.966	7.209	9.994
OTU 181	10.155	7.618	8.066	7.474	9.932	5.952	8.514	10.557	7.761	7.644
OTU 183	12.907	8.262	10.938	7.476	11.430	8.679	9.324	12.556	9.035	8.191
OTU 186	10.812	7.898	9.878	8.063	10.360	9.147	9.654	12.971	8.795	7.814
OTU 187	12.927	7.960	10.850	7.887	9.514	8.780	6.706	10.809	6.946	6.602
OTU 189	11.868	8.197	9.962	9.003	10.832	7.993	9.861	12.062	8.576	8.604
OTU 191	10.195	7.306	9.190	8.089	8.788	9.485	7.556	9.691	7.260	7.611
OTU 194	10.650	7.355	9.284	7.393	9.386	7.920	8.473	10.673	7.662	7.904
OTU 196	9.226	7.086	9.193	9.338	9.215	9.680	7.353	10.374	7.185	8.067
OTU 197	11.130	7.900	9.709	8.660	10.111	9.543	9.668	11.195	7.911	8.418
OTU 199	12.372	5.616	10.070	9.546	9.752	10.747	7.271	10.886	8.225	8.632
OTU 200	11.663	8.253	10.676	9.894	11.559	10.168	7.175	10.774	7.972	7.808
OTU 202	12.107	7.918	11.579	8.691	9.371	8.900	7.650	11.227	9.161	9.665

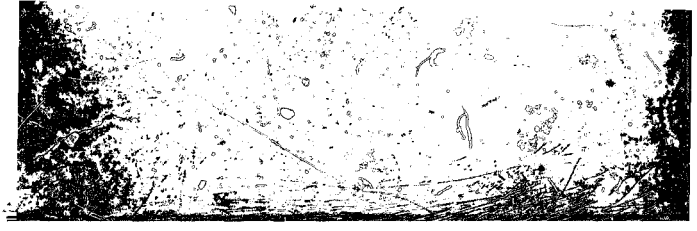
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COMPUTE EUCLIDEAN DISTANCE

	OTU 097	OTU 100	OTU 102	OTU 104	OTU 106	OTU 108	OTU 110	OTU 112	OTU 114	OTU 115
OTU 205	9.940	6.835	9.098	8.624	9.491	7.926	7.419	11.357	7.311	6.616
OTU 209	13.066	9.064	10.228	8.578	9.804	11.007	7.184	9.761	8.138	10.217
OTU 210	12.377	8.061	9.670	9.262	9.285	11.152	7.908	10.317	8.251	9.776
OTU 212	9.991	8.810	10.193	9.793	10.400	9.603	8.678	11.569	8.403	9.909
OTU 213	8.146	8.867	8.776	10.299	12.262	9.580	9.541	12.690	10.119	9.096
OTU 215	7.997	11.437	6.817	11.611	13.398	10.617	11.698	14.033	11.501	9.995
OTU 216	8.702	9.022	6.357	10.722	13.250	10.191	10.788	13.319	11.569	10.050
OTU 220	15.239	11.436	15.084	10.530	11.173	11.489	10.300	12.933	9.535	9.719
OTU 227	12.461	7.590	11.887	7.435	9.278	9.078	7.297	10.588	6.452	8.862
OTU 230	11.791	8.435	11.334	8.598	8.594	9.215	8.217	10.051	7.446	8.444
OTU 231	12.038	9.976	11.620	9.569	9.817	9.118	7.830	9.589	6.906	9.560
OTU 234	15.550	10.526	14.833	9.988	8.411	10.925	8.770	10.851	7.228	9.283
OTU 235	13.631	9.743	12.708	9.622	9.093	10.356	7.932	9.192	6.660	9.883
OTU 236	14.287	9.967	13.600	8.478	7.238	9.146	7.556	8.378	7.918	10.381
OTU 240	14.669	9.587	13.299	9.053	8.736	11.089	6.443	8.783	7.678	10.261
OTU 241	15.006	9.438	13.896	9.981	8.891	10.618	7.350	7.506	9.099	12.351
OTU 243	12.720	9.965	12.380	9.609	7.998	9.137	6.994	8.718	7.701	9.568
OTU 244	13.748	9.336	13.177	8.313	7.879	8.900	7.815	10.285	7.927	9.619
OTU 248	13.969	10.328	13.616	9.855	6.997	9.953	7.201	7.604	7.758	9.926
OTU 251	13.232	9.444	12.813	8.796	6.721	9.318	7.395	9.781	6.583	9.379
OTU 252	14.652	12.869	14.561	10.418	11.081	12.500	10.788	13.057	10.622	12.173
OTU 254	12.275	9.285	12.301	8.855	7.890	8.870	7.842	10.600	7.484	8.755
OTU 257	12.015	9.802	11.746	9.447	7.729	8.406	8.230	10.190	7.799	8.867
OTU 259	15.108	9.168	12.977	9.890	7.450	10.472	8.729	10.232	8.460	10.936
OTU 261	13.871	9.232	12.596	9.828	8.707	9.949	8.285	10.032	8.933	9.472
OTU 262	12.694	8.326	10.812	7.723	6.354	9.374	6.436	9.086	7.794	9.310
OTU 264	12.165	8.735	11.112	7.991	7.730	8.972	7.072	7.993	7.486	8.535
OTU 266	14.518	7.275	11.807	8.614	7.674	7.252	7.000	9.756	7.161	8.116
OTU 268	13.775	9.073	11.795	8.044	7.678	8.147	7.178	10.582	7.153	7.916
OTU 269	13.034	8.293	11.169	8.240	8.467	9.281	7.513	10.470	7.132	8.147
OTU 272	12.980	8.369	12.217	9.376	7.739	10.178	9.976	10.876	8.134	8.987
OTU 277	12.021	9.075	11.361	8.743	7.512	8.997	7.633	10.057	7.655	7.807
OTU 278	12.873	9.520	13.096	9.641	9.512	10.438	9.652	10.709	9.398	8.760
OTU 279	12.886	9.572	12.986	8.981	8.313	11.177	8.875	10.878	8.516	8.558
OTU 280	11.542	7.721	10.678	7.429	7.147	8.765	5.558	8.871	6.187	9.112
OTU 282	13.286	8.469	12.011	9.174	6.636	10.912	5.816	8.903	7.081	9.288
OTU 283	15.050	11.232	14.883	9.624	10.950	9.486	10.093	10.903	9.690	10.260
OTU 287	13.467	9.576	12.728	7.909	7.435	9.478	6.730	9.973	6.899	8.875
OTU 288	13.034	9.132	12.891	8.967	8.856	9.020	8.384	10.583	7.637	8.627
OTU 289	12.220	8.600	11.453	8.248	7.434	10.020	7.447	9.573	7.766	8.818
OTU 292	9.952	7.676	10.063	7.635	9.159	8.322	6.297	10.298	7.733	7.482
OTU 294	11.166	8.866	12.095	7.882	9.469	8.183	7.873	10.434	7.059	8.300
OTU 296	9.496	9.043	7.837	11.398	11.900	12.189	9.386	12.842	10.826	9.511
OTU 297	9.299	9.606	8.978	11.266	12.540	11.633	9.799	13.221	10.651	9.371
OTU 298	10.541	9.963	9.380	10.886	11.328	11.811	9.754	13.153	11.877	11.084
OTU 301	9.567	9.659	7.631	11.234	14.035	10.975	11.672	14.767	11.901	10.647
OTU 304	8.994	9.896	8.385	12.011	13.994	10.109	10.804	13.994	11.695	9.398
OTU 306	8.337	9.758	8.585	12.135	13.571	10.568	10.957	13.839	11.796	9.166
OTU 308	10.030	9.578	6.934	10.688	12.406	11.547	11.173	14.668	11.473	10.700
OTU 310	8.850	10.153	7.170	11.363	13.344	11.350	11.395	14.118	11.556	9.612

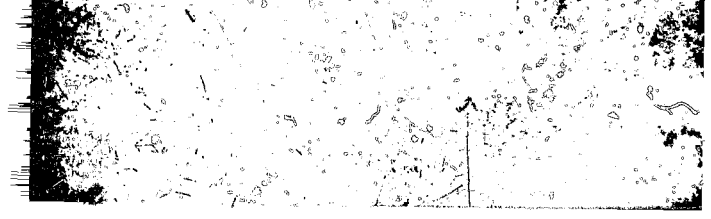
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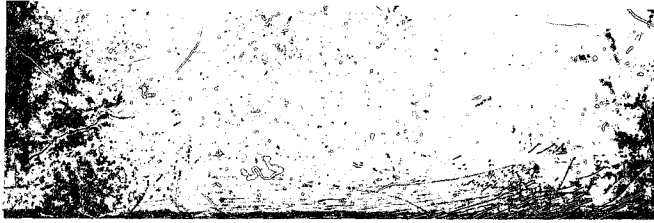


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 097	OTU 100	OTU 102	OTU 104	OTU 106	OTU 108	OTU 110	OTU 112	OTU 114	OTU 115
OTU 311	7.203	8.713	8.303	10.268	12.333	10.168	10.400	13.548	10.695	9.865
OTU 313	9.134	9.891	7.649	12.462	13.501	11.964	11.316	13.891	12.221	10.126
OTU 316	10.060	9.721	9.124	11.780	11.171	10.974	9.161	11.141	10.258	9.590
OTU 318	9.391	8.394	7.227	9.993	11.102	9.136	8.638	11.983	9.433	9.009
OTU 322	8.868	9.582	7.892	10.028	12.313	8.982	10.296	12.365	10.883	9.627
OTU 324	9.532	8.996	8.823	10.428	12.885	9.388	9.813	12.287	10.795	9.688
OTU 326	8.755	8.168	6.111	10.199	11.776	10.229	9.490	12.232	9.926	9.593
OTU 327	9.574	10.611	8.695	11.511	10.913	10.622	9.903	12.639	9.778	10.136
OTU 330	9.929	8.451	6.570	10.526	12.164	10.901	9.373	12.570	10.644	10.541
OTU 332	9.121	8.891	6.965	10.677	12.880	10.098	10.366	13.479	11.026	10.679
OTU 333	7.924	8.665	6.229	11.217	11.558	11.063	9.891	12.905	10.417	9.271
OTU 336	10.187	10.280	8.927	12.826	13.029	11.251	11.648	14.501	12.208	10.196
OTU 337	7.996	9.666	7.376	12.112	12.811	10.932	11.374	13.533	11.535	10.197
OTU 339	7.847	9.133	7.112	11.816	13.028	10.957	10.972	13.376	11.421	9.903
OTU 340	8.608	8.662	7.115	10.368	12.300	10.018	10.334	13.843	11.049	9.746
OTU 341	7.733	8.617	6.257	10.644	11.780	10.391	9.817	13.062	9.939	9.010
OTU 342	7.479	9.166	7.635	12.109	12.075	10.810	9.328	12.957	10.903	9.268
OTU 343	8.005	9.637	7.413	12.192	12.818	10.074	10.756	13.557	12.023	10.183
OTU 344	8.189	12.624	9.963	14.401	14.872	13.340	13.587	16.930	13.278	11.346
OTU 345	8.558	8.951	7.650	11.248	12.858	9.542	11.669	13.806	11.412	8.763



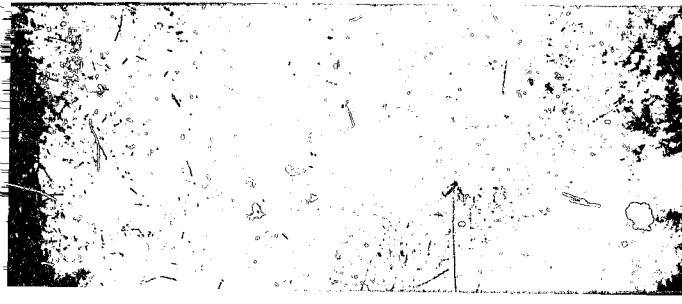


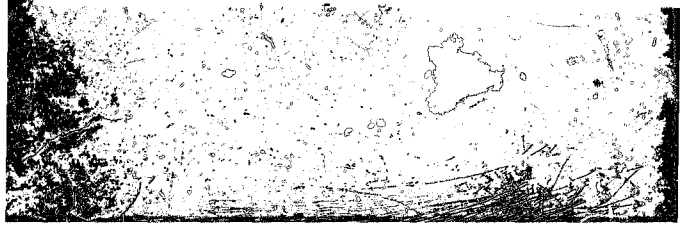
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 116	0.000									
OTU 119	11.458	0.000								
OTU 122	12.363	8.054	0.000							
OTU 125	11.760	8.530	7.716	0.000						
OTU 127	13.822	8.893	9.211	9.683	0.000					
OTU 129	10.763	11.356	11.761	11.881	7.585	0.000				
OTU 130	12.303	11.075	11.554	11.840	9.063	5.505	0.000			
OTU 132	11.169	9.018	10.189	9.597	7.048	6.258	7.191	0.000		
OTU 135	13.438	14.011	13.920	14.467	10.000	8.421	7.783	10.115	0.000	
OTU 136	11.461	11.905	12.735	12.577	9.430	5.914	7.135	8.073	7.723	0.000
OTU 138	11.936	14.458	14.097	14.189	11.269	8.380	8.544	10.465	9.544	7.877
OTU 140	11.819	10.896	11.369	10.702	7.433	6.282	6.274	6.447	9.403	7.127
OTU 143	12.065	12.369	12.305	11.148	9.010	7.506	7.209	8.195	9.398	6.754
OTU 145	12.882	13.086	13.012	13.985	9.561	6.792	6.266	8.252	6.563*	6.365
OTU 147	11.993	9.199	9.153	10.835	6.930*	6.181	7.064	6.821	8.559	7.562
OTU 149	10.918	10.237	11.737	10.852	8.188	6.761	7.459	6.316	9.349	6.704
OTU 151	12.009	12.693	12.749	12.522	9.786	7.172	7.011	7.570	8.889	7.528
OTU 152	12.818	11.592	10.546	10.840	8.745	9.070	8.878	9.118	9.513	8.260
OTU 153	10.641	10.380	9.570	9.200	8.722	8.494	9.681	9.095	9.366	8.320
OTU 155	13.140	11.080	11.323	11.718	9.045	8.559	7.845	8.814	7.799	7.659
OTU 158	10.441	9.554	10.031	10.750	9.608	9.020	9.493	8.968	11.263	8.804
OTU 159	12.004	12.064	10.583	11.350	8.876	8.072	8.161	9.476	8.104	7.287
OTU 161	12.198	12.954	13.907	13.553	10.994	10.217	9.550	8.949	10.149	9.103
OTU 165	13.592	11.119	11.267	11.133	9.078	9.492	9.006	8.516	10.722	9.063
OTU 166	13.591	13.320	12.567	13.164	10.130	8.729	8.248	9.830	9.032	7.748
OTU 167	12.957	12.860	11.732	12.138	9.947	8.966	8.666	9.697	9.648	8.502
OTU 171	11.822	11.783	11.742	12.668	8.368	7.575	7.912	7.714	7.097	6.969
OTU 177	12.835	11.775	11.804	11.540	8.566	9.195	9.770	8.900	10.267	9.365
OTU 181	9.855	10.404	9.531	9.169	7.515	6.145	7.087	7.365	8.173	7.464
OTU 183	13.085	11.783	11.098	12.857	8.267	9.498	8.929	10.165	8.752	9.266
OTU 186	12.080	12.394	10.469	10.906	10.442	8.693	7.903	8.886	9.503	8.617
OTU 187	10.595	9.559	11.091	11.459	9.375	6.957	6.886	7.966	9.062	6.927
OTU 189	11.617	12.886	10.175	10.068	9.342	8.076	7.961	8.579	8.374	8.720
OTU 191	11.610	9.908	10.979	11.210	8.009	7.289	6.605	7.762	9.369	8.144
OTU 194	9.749	10.130	10.997	10.910	7.897	5.630	6.220	6.369	7.709	6.156
OTU 196	12.871	10.133	11.282	11.784	8.903	7.729	7.509	6.994	9.258	8.162
OTU 197	12.692	12.763	11.586	11.853	9.633	7.196	8.045	6.872	9.291	8.690
OTU 198	12.918	11.382	11.039	10.157	9.833	8.184	7.643	8.373	8.919	8.597
OTU 200	11.874	10.610	12.690	12.270	10.387	8.115	7.331	7.083	9.135	6.986
OTU 202	12.733	11.230	10.840	11.094	10.108	9.062	9.354	8.946	8.788	6.803
OTU 206	9.899	10.171	10.000	10.592	8.415	6.627	7.298	6.951	8.969	6.143
OTU 209	12.051	12.129	12.156	13.046	9.180	6.391	7.378	7.099	9.226	8.462
OTU 210	14.019	11.902	12.097	12.889	9.895	7.016	6.775	7.610	9.544	8.702
OTU 212	12.254	11.930	11.777	11.711	9.265	6.146	7.577	7.143	9.540	7.916
OTU 213	11.252	8.954	8.043	9.381	7.308	8.721	10.132	7.829	11.892	9.408
OTU 216	12.890	9.192	9.896	9.347	9.749	9.617	9.968	8.737	12.846	10.668
OTU 218	11.868	7.980	7.848	8.996	8.604	9.893	10.838	7.720	12.986	10.684
OTU 220	15.347	15.765	15.727	15.518	12.258	10.209	9.977	11.541	9.137	9.069
OTU 227	12.476	12.646	12.258	11.870	9.306	8.011	7.326	7.180	8.279	7.922
OTU 229	12.211	12.108	12.020	12.615	9.825	7.706	7.480	8.055	7.602	7.273

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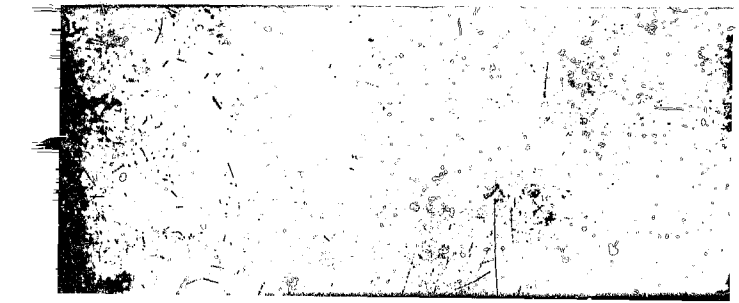


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 231	11.827	12.155	12.553	11.797	8.155	7.017	7.320	7.814	7.926	7.516
OTU 239	13.584	15.417	14.758	14.532	12.597	9.921	9.777	11.298	8.589	9.963
OTU 235	12.906	13.799	12.692	13.072	10.979	8.507	7.881	8.411	8.509	8.240
OTU 236	13.636	13.376	13.469	13.320	10.337	9.799	8.569	9.942	6.408	9.306
OTU 239	13.287	13.780	14.393	13.801	10.967	8.368	7.737	8.858	8.880	8.286
OTU 241	13.685	13.764	14.649	14.334	10.973	10.535	11.471	10.517	9.108	10.812
OTU 243	11.988	12.613	13.078	11.666	10.295	9.536	8.510	9.450	8.713	9.177
OTU 244	13.208	13.773	13.185	13.464	10.322	8.736	9.137	10.296	7.674	7.647
OTU 247	13.887	13.261	14.367	13.805	12.000	10.117	9.609	9.589	8.799	9.294
OTU 251	13.079	15.256	13.602	13.739	10.916	7.380	7.752	8.649	6.716	7.922
OTU 252	14.441	15.160	14.983	15.086	12.613	11.676	11.684	11.688	11.989	12.031
OTU 254	13.457	12.852	12.412	12.565	10.770	8.985	8.807	9.188	8.140	8.942
OTU 256	12.828	12.868	12.469	12.624	8.378	8.300	6.856	7.799	7.001	7.225
OTU 259	15.087	14.958	14.876	14.699	12.368	11.361	11.663	11.169	9.654	10.205
OTU 260	14.076	12.581	12.976	13.207	10.298	10.033	9.263	10.204	8.030	9.413
OTU 262	12.619	11.470	11.356	12.747	9.410	8.138	8.542	8.408	8.032	8.250
OTU 264	11.310	11.267	11.878	11.325	9.0 [illegible]	7.067	7.660	7.638	8.358	6.952
OTU 266	11.995	11.690	11.708	12.004	9.877	8.978	9.193	9.043	7.032	8.189
OTU 268	13.399	12.594	12.903	12.904	9.684	8.334	8.207	9.101	7.905	6.862
OTU 270	13.659	13.552	13.207	13.407	8.651	8.194	8.158	8.869	7.784	7.179
OTU 272	12.986	12.065	11.919	12.957	10.495	9.654	8.679	9.456	8.921	9.615
OTU 273	12.678	11.956	12.161	11.089	9.859	7.663	7.129	8.332	8.284	8.280
OTU 276	13.251	13.397	14.639	14.435	10.829	9.106	8.382	8.928	8.455	7.601
OTU 278	14.412	13.940	14.377	13.998	11.294	9.715	9.048	9.432	9.573	8.824
OTU 280	12.452	11.206	11.431	11.661	7.967	8.003	8.296	8.002	8.290	8.319
OTU 282	14.744	11.996	13.481	13.558	10.199	8.953	9.062	8.279	8.859	8.197
OTU 283	14.067	14.355	15.385	14.571	11.267	9.680	9.207	11.433	8.492	8.672
OTU 286	13.322	13.656	13.086	13.893	10.643	7.780	8.399	9.168	7.734	8.059
OTU 288	13.726	12.828	13.295	13.912	10.249	9.852	9.302	10.045	8.485	8.169
OTU 289	12.952	12.468	12.255	11.897	9.876	8.401	8.647	8.191	9.554	8.396
OTU 292	11.740	12.686	13.233	11.798	7.621	6.931	7.353	7.652	6.930	6.973
OTU 295	12.287	12.103	12.030	12.379	8.717	6.859	6.676	8.226	8.285	7.585
OTU 296	13.453	12.091	12.668	12.805	9.587	9.111	9.005	9.220	10.460	9.402
OTU 297	12.322	8.934	11.622	12.285	7.418	8.435	10.068	8.033	12.320	9.811
OTU 298	12.554	9.695	9.616	11.896	8.631	9.758	10.942	9.267	12.711	10.768
OTU 301	12.603	10.971	8.795	10.566	8.862	9.895	10.808	9.311	13.394	10.368
OTU 305	11.253	8.255	9.781	9.908	8.898	9.932	10.307	9.088	11.596	9.988
OTU 306	11.683	8.597	9.925	10.277	9.845	10.792	10.893	8.767	13.111	10.604
OTU 309	14.985	14.063	13.936	10.965	11.961	11.130	10.990	8.600	12.566	11.244
OTU 310	12.694	9.039	10.899	10.766	8.082	9.682	10.904	7.983	13.185	10.152
OTU 311	11.919	9.313	8.991	10.010	7.345	9.830	10.764	8.071	12.341	10.893
OTU 313	14.098	8.350	10.919	11.939	9.523	11.557	11.774	9.371	13.262	11.166
OTU 314	11.453	8.838	11.671	10.886	9.588	9.145	8.640	7.037	11.023	9.478
OTU 316	11.993	7.915	9.071	10.891	7.823	8.751	8.833	7.638	10.755	9.381
OTU 322	10.800	7.759	9.170	9.494	6.881	7.366	8.263	8.180	10.993	9.123
OTU 324	12.584	9.083	10.239	10.676	7.578	8.739	9.682	9.289	11.282	9.349
OTU 326	11.801	8.206	8.505	10.883	7.428	8.181	9.057	7.119	11.411	9.982
OTU 327	13.481	9.494	10.216	10.881	9.151	9.084	9.512	8.816	11.568	9.695
OTU 330	12.421	8.852	9.208	11.480	7.979	9.026	9.731	7.946	11.833	10.094
OTU 332	12.589	9.076	7.936	10.766	7.967	10.062	10.924	9.169	12.231	10.724

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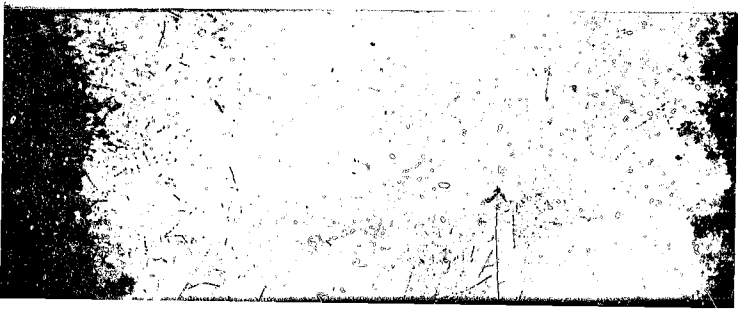


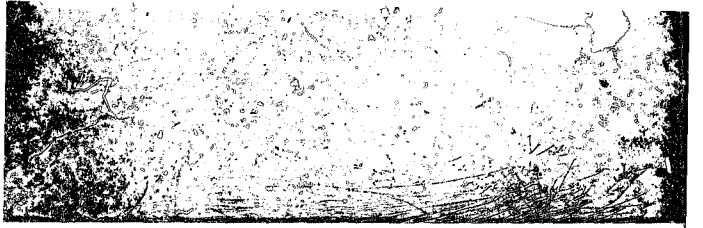


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 333	12.588	6.209	10.040	10.497	7.917	9.847	10.120	6.840	11.712	9.757
OTU 336	15.906	10.702	10.066	10.870	11.609	11.720	11.468	9.291	13.341	11.707
OTU 337	12.467	7.096	9.099	11.130	8.623	10.750	11.132	9.005	12.886	10.922
OTU 339	13.220	7.819	9.633	11.196	8.009	10.061	10.766	8.433	12.533	10.651
OTU 340	12.823	8.463	8.795	9.900	7.520	10.065	10.300	9.089	12.718	10.539
OTU 341	12.149	8.736	8.999	10.404	7.620	8.776	8.566	6.667	11.219	9.620
OTU 342	10.790	7.689	9.896	10.054	9.186	9.957	10.812	7.672	12.486	9.983
OTU 343	11.575	7.934	9.351	9.805	9.199	10.706	11.045	8.230	12.918	11.169
OTU 344	13.696	9.323	10.626	11.768	11.054	12.466	11.925	10.792	14.592	12.941
OTU 345	11.785	8.687	9.060	10.155	8.771	9.914	10.921	9.003	12.687	10.331



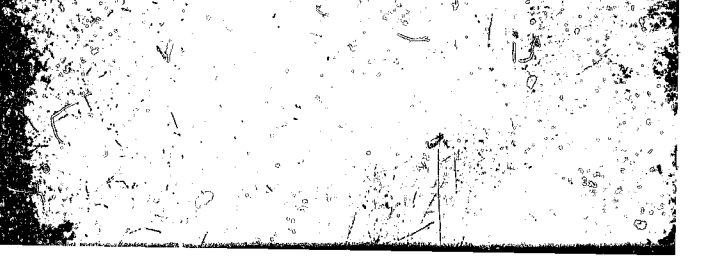


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 138	OTU 140	OTU 143	OTU 145	OTU 147	OTU 149	OTU 151	OTU 152	OTU 153	OTU 155
OTU 138	0.000									
OTU 140	8.906	0.000								
OTU 143	8.887	9.919	0.000							
OTU 145	7.291	7.336	7.992	0.000						
OTU 147	9.479	6.178	7.325	6.992	0.000					
OTU 149	9.977	6.866	6.822	7.706	7.340	0.000				
OTU 151	7.809	7.957	7.291	5.861	8.089	6.730	0.000			
OTU 152	9.000	7.991	7.019	6.543	6.748	7.710	8.939	0.000	0.000	
OTU 153	10.337	7.808	7.890	8.879	6.799	7.811	9.741	7.761	0.000	
OTU 155	7.698	7.617	7.357	6.881	6.634	7.118	6.858	7.201	8.688	0.000
OTU 156	9.313	8.610	9.118	9.965	8.085	7.400	6.602	8.300	8.132	8.785
OTU 159	8.603	7.412	6.708	8.289	7.381	8.101	8.132	5.931	7.515	7.382
OTU 162	10.124	9.260	9.127	9.113	9.307	8.553	7.417	11.140	11.004	7.716
OTU 165	9.217	7.605	6.919	6.933	7.306	7.356	6.851	7.552	7.806	8.143
OTU 166	8.727	7.795	7.500	7.002	8.790	9.697	7.324	8.627	9.480	7.297
OTU 167	8.795	6.949	7.607	8.401	7.727	9.866	8.667	8.587	8.749	7.478
OTU 171	8.719	6.988	8.407	5.977	6.012	8.002	6.827	8.053	7.262	6.890
OTU 177	11.601	7.828	8.585	8.384	6.600	9.673	9.616	9.432	8.993	9.518
OTU 181	9.552	6.496	8.346	8.068	7.360	8.209	7.120	7.220	8.829	7.968
OTU 183	9.901	8.875	9.520	8.871	7.616	9.391	9.689	9.381	8.786	8.251
OTU 186	9.460	7.386	7.520	9.439	8.843	9.369	7.783	9.139	8.600	8.203
OTU 187	7.170	6.725	7.431	6.638	6.704	7.343	6.894	7.602	7.682	6.880
OTU 189	9.157	7.973	7.875	8.669	8.217	8.266	7.886	7.297	7.035	8.149
OTU 191	10.179	6.618	9.243	7.665	7.75	7.694	8.100	9.093	8.379	6.841
OTU 194	9.620	5.864	6.330	6.754	6.06	6.269	7.644	7.696	6.873	7.841
OTU 196	10.039	6.917	7.660	7.837	6.823	7.906	7.709	9.066	8.918	6.502
OTU 197	10.790	7.320	6.402	9.275	8.851	9.096	8.035	9.940	9.560	8.880
OTU 199	10.514	9.345	9.766	7.917	7.190	8.974	8.176	10.255	8.698	7.636
OTU 200	9.581	7.499	7.960	7.126	7.388	7.221	7.364	9.300	9.321	5.966
OTU 202	10.564	8.096	8.942	9.461	8.907	10.503	9.448	9.815	9.668	8.413
OTU 206	9.168	8.082	8.440	7.230	8.051	8.460	7.138	8.226	9.017	7.648
OTU 209	10.756	7.368	9.746	7.654	7.890	8.569	8.308	9.772	8.947	7.752
OTU 210	11.131	7.654	8.061	8.199	8.612	9.242	8.721	10.160	10.009	7.987
OTU 212	9.608	7.345	7.475	7.733	8.395	7.839	7.591	8.821	8.765	8.056
OTU 213	12.082	8.569	9.483	10.587	8.150	8.331	9.982	9.116	9.958	9.065
OTU 216	12.907	9.055	10.093	12.107	9.840	9.780	11.856	10.249	10.162	10.656
OTU 218	13.709	8.653	10.332	11.759	9.409	8.715	11.198	10.744	8.134	10.738
OTU 220	7.639	10.656	9.217	7.112	10.650	11.901	8.825	11.136	11.295	9.947
OTU 227	7.638	5.566	6.868	6.170	6.113	7.769	5.886	7.018	8.355	6.742
OTU 229	8.396	7.350	6.009	6.310	7.337	9.308	7.229	9.255	8.058	7.490
OTU 231	7.093	7.023	6.605	6.079	7.566	8.389	6.971	7.951	9.196	6.839
OTU 234	8.862	9.638	10.163	8.388	10.479	11.973	8.848	11.065	10.993	9.693
OTU 235	9.162	8.116	7.787	6.969	8.001	9.620	7.425	9.679	9.107	8.515
OTU 236	9.011	9.761	9.127	6.819	8.028	10.438	7.407	9.494	9.616	6.857
OTU 237	8.592	8.480	8.803	9.186	8.572	9.392	8.854	10.021	10.061	8.291
OTU 241	12.346	11.228	11.723	8.890	9.191	11.263	9.517	11.502	10.815	9.663
OTU 243	7.859	8.512	6.868	6.587	8.238	9.019	6.967	8.592	9.748	7.527
OTU 244	7.461	8.883	7.765	7.333	8.243	10.164	7.539	8.305	8.993	7.725
OTU 247	9.126	10.200	9.225	8.867	8.989	9.839	7.355	10.552	10.757	7.231
OTU 251	7.270	8.404	8.108	6.256	8.115	9.141	6.653	8.591	10.400	6.774

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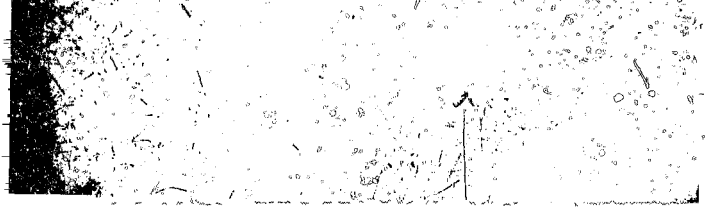


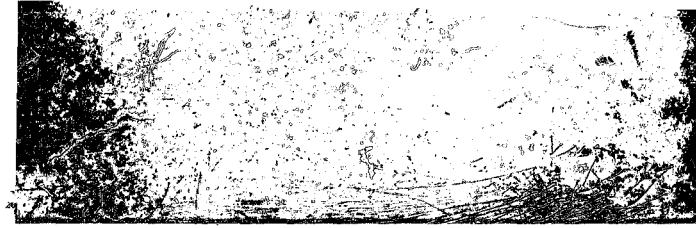


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 138	OTU 140	OTU 143	OTU 145	OTU 147	OTU 149	OTU 151	OTU 152	OTU 153	OTU 155
OTU 252	11.387	11.168	11.663	11.177	11.460	12.477	10.742	11.931	12.836	10.804
OTU 254	8.168	8.291	8.829	7.086	7.854	9.409	7.391	8.804	9.431	7.052
OTU 256	7.387	6.771	6.815	5.677	5.358	8.288	6.746	7.243	8.643	6.706
OTU 259	10.964	10.742	11.038	10.090	9.794	11.511	9.467	11.285	10.505	7.863
OTU 260	8.596	10.102	9.858	7.807	7.475	10.045	8.426	10.019	10.000	7.009
OTU 262	8.478	8.592	9.362	7.930	7.860	8.699	7.336	9.496	8.297	6.574
OTU 264	8.470	8.616	8.437	6.186	7.209	6.984	6.655	7.795	7.199	7.326
OTU 266	9.424	8.876	7.381	7.093	7.495	8.101	6.596	7.782	8.351	6.547
OTU 268	8.066	7.932	7.483	6.092	7.531	8.269	6.160	7.583	8.206	5.389
OTU 270	8.602	7.586	7.508	6.576	7.354	7.873	7.860	8.182	9.158	6.219
OTU 272	8.954	8.804	8.778	7.607	7.630	9.300	7.508	9.092	9.406	6.629
OTU 273	6.918	6.152	6.613	5.939	7.217	7.993	7.085	7.395	8.190	6.160
OTU 276	8.686	8.163	7.972	6.993	7.594	9.011	7.801	9.836	9.209	7.878
OTU 278	9.055	8.029	8.815	7.253	7.723	9.961	7.736	10.827	10.831	7.141
OTU 280	8.710	8.656	8.359	6.826	6.401	8.713	7.619	8.341	8.753	5.957
OTU 282	9.367	9.680	8.836	8.013	7.348	8.982	7.880	10.102	10.360	6.458
OTU 283	10.031	10.183	7.951	7.906	9.697	10.747	9.338	9.802	11.106	9.981
OTU 286	7.353	8.090	8.251	6.021	8.107	9.966	6.894	9.831	9.066	7.297
OTU 288	8.128	8.926	8.654	7.023	6.962	9.457	7.593	8.706	9.211	6.862
OTU 289	9.662	9.939	8.515	8.012	7.651	9.582	7.757	9.492	9.447	7.509
OTU 292	8.821	8.363	6.849	6.283	6.392	7.207	7.347	7.991	8.350	7.401
OTU 295	7.421	5.832	6.753	5.938	6.592	7.844	6.405	7.542	9.069	7.522
OTU 296	13.139	6.684	10.626	10.276	8.689	8.576	11.155	11.295	10.575	9.752
OTU 297	12.787	9.084	10.965	10.301	8.781	8.514	10.845	11.152	10.563	10.432
OTU 298	13.741	9.840	11.286	11.310	9.418	9.940	11.241	10.882	9.027	11.312
OTU 301	13.442	9.021	11.083	12.156	9.978	9.768	10.952	10.379	9.054	11.304
OTU 305	13.562	9.853	10.869	11.502	8.791	8.134	10.956	9.899	9.324	10.920
OTU 306	13.599	9.478	10.408	11.770	8.358	8.256	11.256	10.402	9.268	10.959
OTU 308	14.106	10.648	11.666	12.476	10.325	8.833	10.623	10.947	10.689	9.758
OTU 310	13.705	9.994	10.357	11.411	8.017	7.807	10.987	10.805	9.611	9.670
OTU 311	12.547	8.743	9.700	11.412	8.017	9.032	10.096	9.843	8.810	9.660
OTU 312	14.403	10.628	12.083	12.534	9.375	9.390	12.280	11.708	11.900	10.688
OTU 314	12.960	9.341	9.936	9.693	8.946	7.307	9.699	9.999	9.906	9.585
OTU 316	12.043	8.802	9.672	10.212	7.523	7.488	9.700	8.855	7.476	8.206
OTU 320	12.776	9.122	9.937	10.383	9.189	7.856	9.870	9.044	7.969	10.479
OTU 324	12.907	9.173	9.680	10.501	8.715	8.929	10.892	9.926	8.850	10.347
OTU 326	13.353	9.967	10.163	10.393	7.885	7.317	9.957	9.746	8.612	10.961
OTU 327	11.023	8.903	9.700	10.271	9.525	9.314	9.852	9.716	9.574	8.776
OTU 330	12.949	9.286	10.130	10.919	9.094	8.387	10.055	10.087	9.459	9.774
OTU 332	12.780	9.135	10.592	11.753	8.721	9.468	11.014	10.266	9.093	10.052
OTU 333	13.086	8.617	10.138	10.813	7.984	7.693	10.331	10.011	10.054	9.239
OTU 336	14.502	11.163	11.786	13.118	10.996	8.898	10.439	11.982	10.369	10.823
OTU 337	13.729	9.949	11.265	12.189	8.656	8.924	11.814	10.776	9.615	9.768
OTU 339	13.650	9.525	11.317	11.576	8.650	9.193	11.665	11.468	9.973	10.396
OTU 340	12.862	9.165	10.175	11.400	8.291	9.508	11.271	9.718	8.798	9.405
OTU 341	11.671	8.194	9.467	10.235	8.257	7.592	9.393	9.476	9.431	9.069
OTU 342	13.176	9.976	11.046	11.578	8.488	8.278	10.171	10.739	9.787	9.994
OTU 343	14.018	10.176	11.179	12.180	9.358	8.168	10.945	11.136	9.185	10.344
OTU 346	14.379	12.017	12.963	12.065	11.540	10.528	12.852	12.032	12.495	11.856
OTU 349	13.838	9.726	10.136	12.190	8.827	8.522	11.283	10.393	8.537	10.156





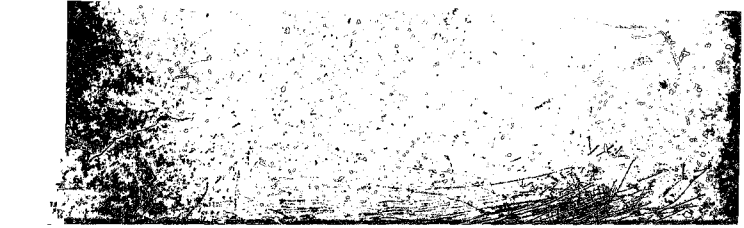
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 158	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 183
OTU 158	0.000									
OTU 159	9.378	0.000								
OTU 162	9.259	9.766	0.000							
OTU 165	8.996	7.476	9.999	0.000						
OTU 166	8.715	7.926	9.440	9.262	0.000					
OTU 167	8.894	6.905	10.671	8.133	5.779	0.000				
OTU 171	8.424	7.330	8.439	8.748	7.285	8.070	0.000			
OTU 177	10.835	6.244	10.426	9.908	10.680	10.563	7.552	0.000		
OTU 181	8.367	5.906	9.820	6.647	8.769	8.284	7.781	8.462	0.000	
OTU 183	9.664	7.069	11.264	9.917	9.145	9.056	7.213	9.488	8.327	0.000
OTU 186	8.384	7.507	9.990	10.339	7.911	7.923	6.343	9.997	7.141	9.261
OTU 187	7.769	6.848	8.145	8.765	7.557	7.946	7.026	8.632	6.949	8.367
OTU 189	9.234	5.692	9.166	7.803	8.409	7.501	7.498	9.788	5.293	8.255
OTU 191	9.238	8.375	8.318	8.984	9.452	8.748	6.939	9.176	7.053	8.520
OTU 194	8.530	7.741	8.617	7.567	8.912	8.187	6.683	8.552	6.515	8.231
OTU 196	8.694	8.248	8.128	9.357	8.501	8.063	7.478	8.656	7.896	9.927
OTU 197	10.836	8.188	8.802	10.280	9.759	9.548	8.152	9.106	7.292	10.175
OTU 199	9.336	8.754	8.462	10.256	9.419	10.026	6.598	9.815	8.696	8.580
OTU 200	7.946	9.730	8.028	9.607	8.642	8.735	7.868	10.236	8.954	10.030
OTU 202	10.566	7.675	10.558	11.389	9.244	9.736	9.005	8.184	8.926	9.115
OTU 206	6.554	6.473	8.617	6.861	7.703	7.510	6.696	8.145	5.362	6.743
OTU 209	10.769	9.073	10.503	10.418	10.460	10.460	8.440	7.700	8.987	9.685
OTU 210	11.006	9.826	9.587	11.556	10.463	10.825	8.212	9.120	8.904	10.295
OTU 212	8.855	8.439	10.907	9.848	8.735	8.437	9.196	9.467	6.746	10.467
OTU 213	7.150	8.546	10.355	9.358	10.180	10.581	8.630	8.310	7.233	8.949
OTU 216	9.865	9.392	11.110	11.066	11.925	11.016	11.534	10.972	7.959	11.106
OTU 218	8.897	9.453	11.731	9.828	12.046	11.228	10.088	9.282	8.048	10.170
OTU 220	11.822	10.159	11.273	12.318	11.808	9.581	9.342	11.508	10.506	10.344
OTU 227	9.257	7.765	8.511	7.928	7.136	6.364	5.936	7.992	7.449	9.117
OTU 229	8.395	9.690	9.549	9.138	6.923	7.349	6.731	9.245	7.768	9.442
OTU 231	9.573	8.556	10.191	8.719	6.666	7.169	7.215	9.525	7.731	9.225
OTU 232	11.907	10.678	11.510	11.777	9.939	9.128	8.721	10.548	10.330	12.446
OTU 235	9.988	10.148	10.635	10.098	9.385	9.681	7.393	9.838	9.198	10.744
OTU 238	11.334	9.464	10.439	10.918	8.360	9.488	7.808	9.207	9.550	9.965
OTU 239	10.500	10.187	9.369	10.601	8.051	9.686	7.307	8.333	9.905	11.335
OTU 241	12.875	11.550	11.553	12.204	11.911	12.556	8.165	8.292	10.496	12.729
OTU 243	9.008	8.176	10.083	9.114	7.461	8.576	5.253	8.806	8.256	10.715
OTU 244	9.842	8.876	10.951	10.324	9.645	7.451	6.531	8.538	8.981	9.357
OTU 247	9.967	11.119	10.189	11.303	9.002	10.578	8.743	10.828	10.266	11.766
OTU 251	10.494	8.958	9.958	10.820	7.998	8.229	6.393	9.950	8.400	10.281
OTU 252	12.505	12.023	12.987	13.673	11.110	10.745	10.062	12.901	12.392	12.918
OTU 254	8.900	8.377	11.198	9.500	8.017	7.280	8.338	10.086	8.196	9.984
OTU 256	10.163	7.177	9.760	8.287	6.791	6.316	7.079	9.271	6.873	9.589
OTU 259	11.154	11.138	11.779	13.176	10.088	10.961	8.621	10.645	11.451	11.415
OTU 260	9.979	9.638	9.912	11.173	9.217	9.420	8.849	9.261	9.451	9.757
OTU 262	7.962	9.647	10.313	10.846	7.551	9.084	6.755	9.615	9.144	8.887
OTU 264	7.837	8.470	9.793	8.880	7.928	9.053	7.150	8.044	7.251	9.209
OTU 266	8.940	7.377	9.480	8.759	8.477	8.359	7.018	9.298	7.352	9.035
OTU 268	8.415	7.291	8.615	8.787	8.408	6.890	6.264	9.555	8.860	8.125
OTU 270	9.673	8.833	8.687	9.581	7.814	8.568	6.621	8.413	8.808	8.926

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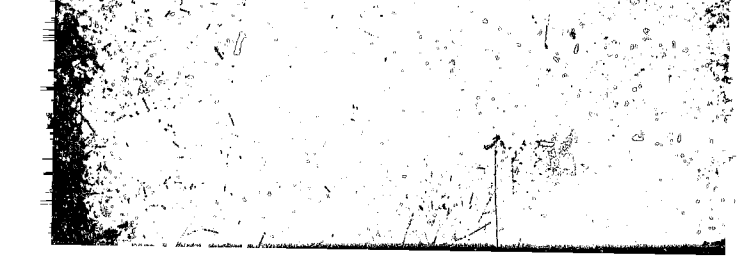


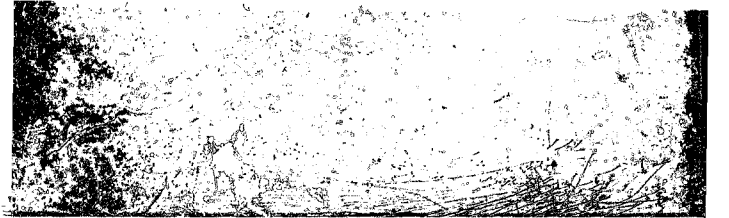


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 158	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 183
OTU 272	8.186	9.585	10.553	10.122	8.395	8.999	7.764	9.957	9.476	9.536
OTU 273	7.851	8.467	9.425	9.681	7.131	7.770	7.573	9.365	8.226	9.365
OTU 276	9.227	10.241	9.359	9.505	8.186	8.377	8.253	10.913	9.639	10.308
OTU 278	10.505	10.436	8.870	11.224	8.738	8.823	7.415	10.317	10.521	10.742
OTU 280	8.761	8.229	9.592	9.681	7.003	7.946	8.089	7.041	8.419	8.911
OTU 282	9.494	10.440	9.210	10.858	8.951	9.831	6.795	8.834	10.408	10.509
OTU 283	12.106	9.182	12.191	11.131	9.386	10.439	9.439	10.340	9.772	10.583
OTU 286	9.893	8.804	10.613	10.076	6.722	7.687	6.584	9.031	8.740	9.468
OTU 288	8.715	8.755	10.178	9.725	7.918	7.738	7.404	9.898	9.579	9.638
OTU 289	9.789	9.799	10.045	11.025	8.818	9.010	7.843	8.999	9.719	10.897
OTU 292	8.911	7.781	10.137	9.691	7.751	7.812	7.323	9.930	7.400	8.551
OTU 295	8.555	7.126	9.682	7.884	6.874	6.198	7.556	8.472	8.092	9.097
OTU 296	9.280	11.189	10.426	11.690	11.735	11.790	9.502	9.867	10.351	11.102
OTU 297	8.718	10.756	10.628	11.257	11.334	11.705	9.683	10.013	9.662	10.356
OTU 298	9.338	10.250	9.920	11.038	10.002	11.072	9.304	8.978	9.279	9.159
OTU 301	9.495	9.604	11.253	10.863	11.396	11.351	10.531	10.067	8.920	10.429
OTU 305	8.318	9.664	10.452	9.588	11.353	11.761	10.575	10.470	8.567	10.509
OTU 306	7.772	10.160	10.356	9.108	12.387	13.551	10.805	10.437	8.941	11.475
OTU 308	9.783	10.984	10.956	11.642	12.503	12.412	10.901	12.207	9.763	11.548
OTU 310	8.717	10.770	10.382	10.702	12.046	12.721	10.187	11.126	9.200	10.961
OTU 311	7.857	9.563	10.355	10.179	10.726	9.991	9.209	9.394	8.719	9.983
OTU 313	9.252	11.324	10.967	12.076	12.823	12.969	10.730	11.982	11.009	11.068
OTU 314	8.766	11.017	9.074	9.943	11.477	11.842	9.619	10.377	9.100	11.589
OTU 316	8.703	8.579	9.580	9.198	10.359	9.846	8.340	9.798	7.690	9.158
OTU 322	8.782	8.718	11.501	9.602	10.387	10.718	9.454	10.084	8.493	9.510
OTU 324	10.006	8.407	11.800	10.868	11.448	11.554	9.938	8.211	8.039	9.108
OTU 326	7.986	9.237	10.367	9.222	10.847	10.902	8.731	9.835	8.084	9.205
OTU 327	9.016	8.841	11.567	11.255	8.906	9.808	10.016	10.923	8.616	10.572
OTU 330	8.983	9.637	10.988	10.850	11.387	11.875	9.436	9.330	8.950	9.297
OTU 332	8.890	8.693	11.600	10.997	11.097	11.097	9.340	9.846	8.469	9.709
OTU 333	8.129	10.292	10.027	10.583	11.541	10.927	9.325	10.122	8.949	10.588
OTU 334	8.808	11.162	10.362	11.997	12.756	12.791	11.618	12.299	9.633	12.386
OTU 336	6.682	10.577	9.700	9.970	12.277	11.436	10.527	12.300	9.965	10.907
OTU 339	8.631	10.609	11.086	11.058	12.098	11.986	10.063	10.203	9.254	10.056
OTU 340	8.716	8.474	10.166	9.716	10.650	10.260	9.193	9.253	8.104	8.101
OTU 341	7.708	9.174	9.946	9.971	10.185	10.303	9.188	10.280	7.664	9.210
OTU 342	8.999	10.794	9.682	10.969	11.850	11.497	9.254	10.793	9.316	11.583
OTU 343	7.221	11.423	10.695	10.179	12.392	12.281	10.525	11.496	9.194	11.264
OTU 344	9.438	12.311	12.169	11.541	13.338	12.362	13.526	10.687	10.967	12.387
OTU 345	8.537	9.628	11.314	10.469	12.552	11.623	10.413	10.678	7.930	10.041



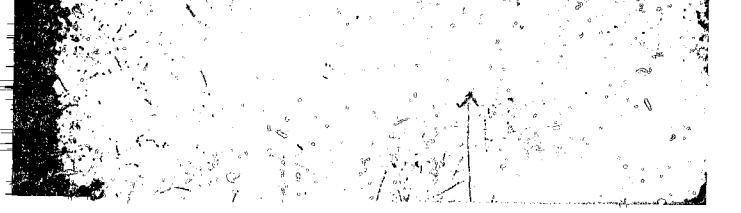


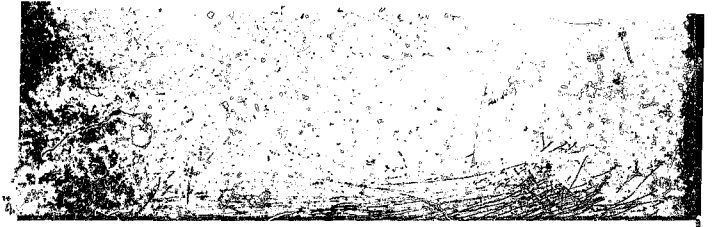
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 186	OTU 187	OTU 189	OTU 191	OTU 194	OTU 196	OTU 197	OTU 199	OTU 200	OTU 202
OTU 186	0.000									
OTU 187	7.984	0.000								
OTU 189	6.606	7.686	0.000							
OTU 191	8.061	7.156	7.543	0.000						
OTU 194	7.777	6.504	6.878	5.773	0.000					
OTU 196	7.692	7.242	6.037	5.196	7.066	0.000				
OTU 197	6.404	8.387	6.911	6.806	7.432	6.789	0.000			
OTU 199	8.248	7.512	8.522	6.205	7.746	6.893	7.832	0.000		
OTU 200	8.372	7.817	9.725	5.782	6.493	6.317	9.012	7.059	0.000	
OTU 202	7.501	9.062	6.966	8.930	9.568	8.705	7.597	7.991	9.496	0.000
OTU 206	6.686	6.403	5.773	7.389	5.946	6.647	7.584	7.045	6.634	8.091
OTU 208	9.631	7.656	8.917	7.127	7.158	7.886	7.680	5.843	8.592	9.021
OTU 210	7.483	7.617	9.040	6.525	8.166	6.960	6.413	8.806	8.073	9.994
OTU 212	7.485	7.308	7.614	8.262	6.867	6.314	7.528	8.504	8.346	6.994
OTU 213	8.928	8.156	8.382	8.835	8.376	7.961	9.124	8.630	9.710	9.511
OTU 216	8.627	9.339	8.774	9.078	9.063	8.125	8.941	10.396	10.852	11.067
OTU 218	8.756	9.233	9.009	8.840	8.367	8.431	9.387	8.999	10.227	10.506
OTU 220	9.622	8.941	10.820	10.581	9.981	10.976	11.267	10.884	9.847	13.036
OTU 227	7.720	7.804	7.611	7.927	7.503	7.074	7.952	7.713	7.558	8.899
OTU 229	7.103	7.652	8.089	7.158	6.483	7.131	8.350	8.017	7.467	9.578
OTU 231	8.969	7.800	9.669	7.402	8.390	8.055	8.454	9.993	7.791	9.893
OTU 234	10.009	10.194	11.080	11.120	10.013	10.691	10.653	10.595	10.101	9.419
OTU 235	8.660	8.899	9.179	7.697	7.809	9.200	9.603	8.931	7.771	9.865
OTU 236	10.063	9.322	9.995	8.822	8.774	9.916	10.026	9.581	8.982	8.310
OTU 239	10.064	7.908	10.599	9.383	8.676	9.131	9.983	9.178	8.212	9.774
OTU 241	13.014	10.780	12.037	10.083	10.898	10.694	11.185	10.896	10.697	10.723
OTU 243	9.000	8.899	9.367	8.062	8.079	8.780	9.621	9.962	8.072	8.436
OTU 244	9.063	8.863	9.487	10.016	9.466	9.252	10.144	9.712	8.901	8.501
OTU 247	10.750	9.663	11.218	9.431	9.616	9.590	10.965	9.513	8.157	9.980
OTU 251	9.109	8.424	9.405	8.427	8.209	8.639	8.718	9.545	9.166	8.922
OTU 252	12.479	12.378	12.786	11.132	11.620	11.301	11.264	12.271	11.167	12.107
OTU 254	8.885	9.066	8.819	8.782	9.089	8.986	9.778	9.486	9.135	9.389
OTU 256	8.544	7.709	7.022	7.148	6.307	7.135	7.996	8.593	7.966	8.923
OTU 259	10.425	9.569	12.283	10.667	10.035	10.156	11.333	10.109	9.761	10.700
OTU 260	10.163	9.141	10.705	9.314	9.457	9.566	10.895	9.391	9.207	8.899
OTU 262	9.758	7.668	10.107	8.582	8.418	8.683	9.955	7.898	7.872	8.759
OTU 264	8.931	7.152	8.549	8.559	6.097	6.349	9.034	8.516	7.184	6.760
OTU 267	9.186	8.709	9.599	8.958	7.767	8.373	9.290	9.157	7.975	8.313
OTU 268	8.951	6.868	8.509	8.557	6.509	8.205	9.313	8.694	7.686	8.908
OTU 270	9.483	6.937	9.634	7.032	7.367	7.696	9.298	8.011	6.653	9.643
OTU 272	9.666	9.116	10.413	9.165	9.706	8.814	11.176	8.722	8.240	8.614
OTU 273	7.790	6.900	8.745	8.234	6.925	8.003	9.305	8.778	6.367	8.894
OTU 276	9.165	8.993	9.939	8.324	6.725	8.307	10.319	9.630	6.773	11.398
OTU 278	9.077	7.732	10.761	9.176	8.973	7.695	8.918	8.699	8.388	10.116
OTU 280	8.891	7.732	9.809	8.001	8.196	6.967	9.062	8.635	8.068	8.066
OTU 282	10.856	8.565	11.070	9.999	9.165	9.273	10.383	9.699	8.699	9.215
OTU 283	10.851	10.368	11.131	10.935	9.952	10.270	11.754	11.092	10.319	10.410
OTU 286	8.544	8.036	9.520	8.610	8.379	8.316	9.112	8.137	8.012	8.185
OTU 288	9.758	8.961	10.376	9.338	8.699	8.706	10.010	9.979	9.257	10.647
OTU 289	8.788	8.569	10.165	8.714	8.469	7.769	9.172	9.127	7.907	8.515

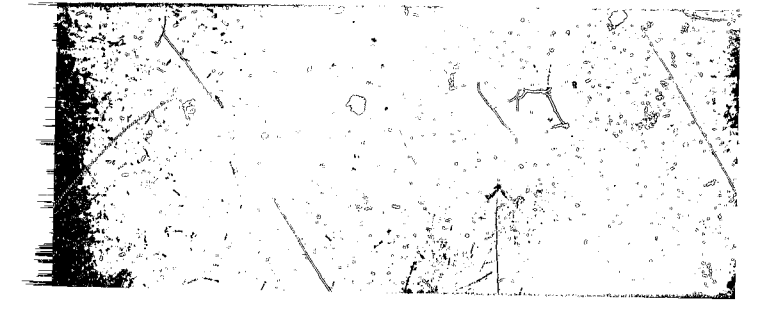
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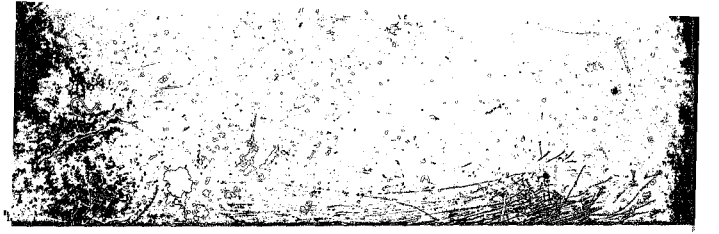




COMPUTE EUCLIDEAN DISTANCE

	OTU 186	OTU 187	OTU 189	OTU 191	OTU 194	OTU 196	OTU 197	OTU 199	OTU 200	OTU 202
OTU 292	8.519	7.170	9.199	8.425	6.807	6.939	9.405	8.681	7.535	8.796
OTU 295	7.997	7.167	7.889	8.313	6.730	6.751	8.654	8.852	8.089	8.681
OTU 296	10.837	8.849	11.050	8.191	8.650	8.691	9.965	8.378	7.997	11.682
OTU 297	10.780	8.560	11.404	9.076	8.470	8.155	10.593	9.046	8.568	11.350
OTU 298	10.671	9.635	11.136	10.714	9.669	9.788	11.485	8.812	10.794	10.486
OTU 301	8.459	9.177	9.713	10.732	9.198	9.383	9.765	9.734	10.983	11.090
OTU 305	10.081	9.097	9.228	9.920	8.880	9.045	10.804	10.310	10.191	11.234
OTU 307	9.832	9.791	9.881	9.561	9.156	8.954	10.776	9.702	9.242	11.668
OTU 308	9.436	10.164	8.102	9.195	9.510	9.192	9.386	9.458	9.662	11.902
OTU 310	9.798	9.338	10.212	9.962	8.527	8.704	9.850	9.899	9.166	12.140
OTU 311	9.638	9.487	9.271	9.288	8.699	7.506	9.093	9.495	9.603	9.910
OTU 313	11.154	10.213	11.163	9.530	10.185	9.013	11.443	9.985	9.872	12.088
OTU 314	10.233	8.984	9.616	7.990	7.795	7.702	9.776	8.865	7.975	10.966
OTU 316	9.026	8.097	7.311	6.740	7.117	6.258	8.377	7.783	8.339	10.235
OTU 323	8.669	8.465	8.186	8.931	8.021	8.468	9.071	9.833	9.825	9.720
OTU 324	9.886	8.310	9.578	9.467	8.639	8.287	9.929	9.522	10.336	9.080
OTU 326	9.176	8.013	8.766	7.682	7.701	6.908	8.788	7.767	8.774	10.635
OTU 327	8.808	8.404	9.433	9.298	8.942	8.754	9.691	9.658	9.068	10.276
OTU 330	9.631	9.339	9.816	9.099	8.907	8.218	9.610	9.588	9.679	9.948
OTU 332	9.928	9.340	9.077	9.666	9.608	8.693	10.113	8.793	10.947	9.665
OTU 333	9.517	8.840	9.768	7.903	8.259	6.858	9.345	8.795	8.199	11.303
OTU 336	8.886	10.731	9.722	10.284	10.756	9.610	10.228	10.217	10.490	11.713
OTU 337	10.765	9.525	9.934	8.605	7.057	8.007	11.199	9.737	9.583	12.086
OTU 339	10.362	9.538	10.857	8.594	9.042	7.869	10.251	9.082	9.698	11.393
OTU 340	9.215	9.291	9.137	9.098	9.615	8.550	10.235	9.881	10.159	9.767
OTU 341	7.744	8.299	8.274	8.045	7.662	6.612	8.179	7.845	8.488	9.857
OTU 342	9.488	9.130	10.168	9.023	9.063	7.767	10.402	9.417	8.638	11.152
OTU 343	9.596	10.119	10.106	9.470	9.098	8.671	10.842	9.899	9.133	11.777
OTU 334	11.153	11.487	10.974	10.983	11.321	10.692	12.855	12.319	11.150	13.404
OTU 345	9.170	9.757	9.487	8.895	8.309	8.669	9.734	9.931	9.800	11.251



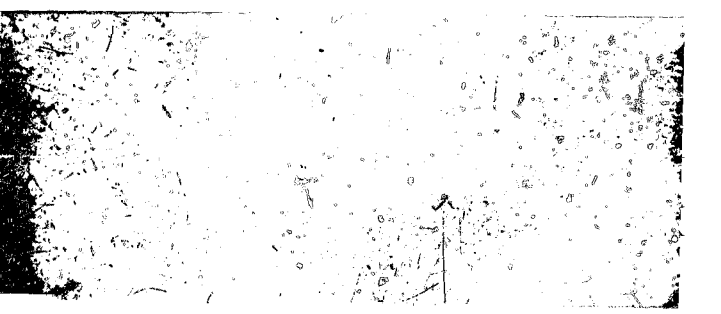


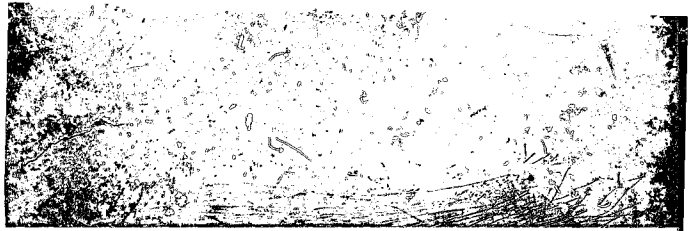
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 206	OTU 209	OTU 210	OTU 212	OTU 213	OTU 216	OTU 218	OTU 220	OTU 227	OTU 229
OTU 206	0.000									
OTU 209	7.134	0.000								
OTU 210	6.552	6.185	0.000							
OTU 212	6.284	8.684	8.697	0.000						
OTU 213	6.218	9.111	8.556	8.135	0.000					
OTU 216	6.861	11.295	9.989	7.957	7.232	0.000				
OTU 218	7.715	9.704	9.887	6.562	6.579	6.259	0.000			
OTU 220	10.398	11.866	11.969	9.987	12.643	13.761	10.418	0.000		
OTU 227	6.973	7.122	8.736	7.997	9.860	11.209	10.117	9.435	0.000	
OTU 229	6.972	8.856	7.041	7.723	9.371	10.511	10.175	8.103	7.100	0.000
OTU 231	7.729	8.980	9.439	8.471	10.596	11.643	11.967	8.390	6.600	6.399
OTU 234	10.018	10.058	11.443	10.657	13.259	14.749	14.253	10.092	7.786	7.965
OTU 235	8.487	8.580	10.100	9.263	11.518	12.553	11.889	8.552	6.988	6.181
OTU 236	9.986	10.009	9.857	9.151	11.259	13.790	13.303	8.733	8.266	7.156
OTU 239	8.364	7.615	8.767	9.797	11.338	13.606	12.337	8.954	6.506	7.340
OTU 241	10.904	9.096	10.594	12.176	12.507	15.084	13.651	12.886	9.457	9.814
OTU 243	7.754	9.803	10.691	8.335	10.576	11.900	12.169	9.012	7.359	7.334
OTU 244	8.099	9.580	10.882	9.205	10.615	12.698	12.610	7.507	7.493	6.653
OTU 247	9.845	10.735	10.593	10.420	12.201	13.558	13.663	9.603	8.894	7.895
OTU 248	8.206	9.162	9.331	8.878	11.749	12.410	13.028	8.361	7.342	7.160
OTU 250	11.454	12.164	12.696	12.831	13.856	14.714	14.485	13.506	10.124	11.036
OTU 256	7.716	10.034	10.196	8.947	10.697	11.492	11.515	9.460	7.169	6.157
OTU 258	7.756	8.582	9.615	7.114	10.562	11.022	11.496	8.772	6.925	6.906
OTU 259	10.665	11.048	11.508	12.111	12.265	14.308	13.348	10.890	9.941	9.688
OTU 260	9.972	10.945	10.660	10.710	11.355	12.924	11.914	9.840	9.030	7.624
OTU 262	8.399	8.501	9.260	9.737	9.883	12.660	11.235	10.250	8.280	7.570
OTU 264	6.841	8.662	8.864	7.462	8.743	11.086	10.266	9.606	7.133	7.524
OTU 266	6.910	9.813	10.571	8.896	9.752	12.006	10.954	9.131	6.843	6.978
OTU 268	7.270	9.384	9.908	9.218	9.786	11.877	11.737	7.990	6.503	6.970
OTU 270	8.113	8.827	8.692	8.792	9.865	11.429	10.866	8.645	7.049	6.161
OTU 272	7.689	9.020	10.357	9.802	10.467	12.792	11.950	10.564	7.435	8.666
OTU 273	7.312	9.483	9.842	7.667	9.979	11.018	11.050	7.563	7.768	6.567
OTU 276	8.485	10.077	11.128	8.927	11.400	12.541	12.541	9.954	8.316	8.818
OTU 278	6.660	9.288	9.348	10.118	12.036	13.127	12.745	8.643	5.903	6.161
OTU 280	7.572	8.892	8.925	8.902	9.135	11.916	10.743	9.716	6.680	6.661
OTU 282	8.399	8.187	8.383	10.343	10.668	13.586	12.149	10.543	7.813	8.123
OTU 284	10.231	11.736	12.600	10.359	12.679	13.260	13.779	8.973	10.056	9.940
OTU 286	7.679	8.171	9.712	8.371	10.798	12.541	12.283	7.950	6.910	6.731
OTU 288	8.568	10.459	11.494	10.142	10.978	12.042	12.159	8.607	7.547	6.506
OTU 289	6.023	9.179	8.346	9.659	10.524	12.463	11.348	10.764	7.522	7.508
OTU 292	6.031	8.735	9.368	6.986	9.191	9.309	9.673	7.281	7.276
OTU 295	9.526	8.525	9.463	8.868	9.250	10.286	10.300	8.617	5.831	6.562
OTU 296	8.902	9.952	7.905	8.985	7.330	8.889	7.677	13.758	10.242	10.532
OTU 297	7.803	9.552	8.791	8.956	8.433	9.089	8.013	13.041	10.386	10.764
OTU 298	8.318	9.140	10.722	8.995	5.638	9.525	6.383	13.757	10.577	10.806
OTU 301	8.048	10.296	9.723	8.629	5.464	7.551	5.404	13.729	10.787	10.767
OTU 305	7.447	11.076	10.947	8.701	6.013	7.968	6.349	14.388	13.156	11.389
OTU 307	9.191	11.152	11.111	8.667	6.516	8.118	5.767	14.899	10.771	11.000
OTU 308	9.421	10.933	9.169	9.526	7.706	7.766	6.909	15.081	11.178	11.398
OTU 310	8.260	10.337	9.857	9.396	6.054	6.304	4.194	14.192	11.162	11.385

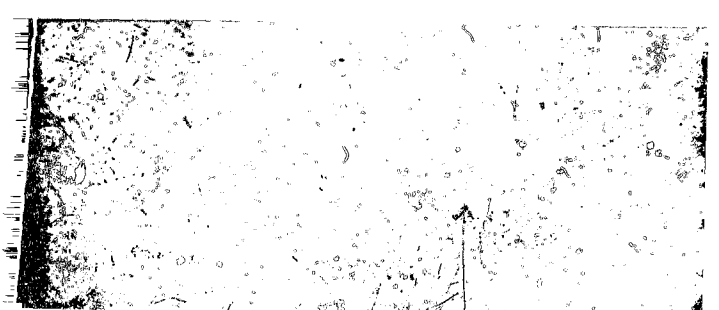
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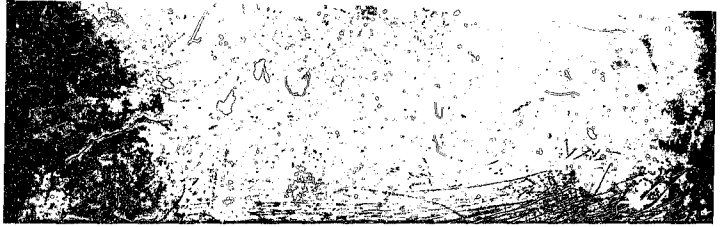




COMPUTE EUCLIDEAN DISTANCE

	OTU 206	OTU 209	OTU 210	OTU 212	OTU 213	OTU 216	OTU 218	OTU 220	OTU 227	OTU 229
OTU 211	7.183	10.020	10.282	8.458	9.307	8.831	6.934	13.616	9.852	10.189
OTU 213	10.036	11.662	10.792	10.929	7.492	8.926	7.683	15.092	12.337	12.300
OTU 216	7.820	9.292	8.968	8.238	8.370	9.091	8.318	13.908	9.970	10.298
OTU 218	7.561	8.197	8.190	7.260	6.536	7.437	6.105	13.462	9.949	9.439
OTU 220	7.301	9.562	9.624	7.120	6.040	6.988	6.610	14.788	10.482	9.986
OTU 224	8.132	9.639	9.588	8.021	5.840	7.383	6.755	12.825	10.851	10.776
OTU 226	7.396	8.367	7.974	8.025	5.904	6.823	5.277	13.840	9.364	9.530
OTU 227	8.249	10.281	9.143	6.929	7.101	6.932	6.216	11.951	9.827	9.192
OTU 230	8.233	8.473	8.869	8.840	5.107	8.309	6.095	13.771	10.356	10.563
OTU 232	7.967	9.775	10.298	9.731	4.934	7.889	6.428	14.062	10.416	10.765
OTU 233	7.628	9.489	8.741	8.282	6.252	7.328	6.315	13.736	9.957	10.049
OTU 236	9.002	12.033	10.756	10.072	7.658	9.376	7.092	15.519	11.776	11.527
OTU 237	8.893	11.210	10.603	10.148	6.634	8.008	7.136	14.999	11.630	11.010
OTU 239	8.945	10.633	9.693	9.314	5.656	6.593	6.576	14.079	11.040	10.795
OTU 240	7.724	10.009	10.178	9.311	4.880	6.943	6.293	13.510	10.333	10.433
OTU 241	6.931	9.150	8.586	6.604	5.281	5.635	5.892	12.596	9.556	9.471
OTU 242	7.909	10.672	10.565	8.590	6.327	6.804	6.629	14.241	10.609	10.140
OTU 243	8.369	11.225	10.916	9.187	6.102	7.295	6.866	14.842	11.181	10.816
OTU 244	10.452	13.929	13.016	10.696	9.529	9.230	9.768	15.833	13.246	13.397
OTU 245	8.061	11.033	10.639	9.548	6.042	7.378	6.626	14.076	11.735	10.767





IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 231	OTU 234	OTU 235	OTU 236	OTU 239	OTU 241	OTU 243	OTU 244	OTU 247	OTU 251
OTU 231	0.000									
OTU 234	7.604	0.000								
OTU 235	6.537	7.686	0.000							
OTU 236	5.949	7.533	7.067	0.000						
OTU 239	7.185	7.211	6.480	7.315	0.000					
OTU 241	9.112	9.308	9.172	7.398	8.706	0.000				
OTU 243	9.337	7.747	9.463	6.896	8.897	8.982	0.000			
OTU 244	5.994	6.158	7.261	6.849	7.133	8.619	5.629	0.000		
OTU 247	7.782	8.888	7.477	6.649	7.490	8.534	5.270	7.063	0.000	
OTU 251	8.186	7.275	7.510	5.857	7.456	8.974	6.109	6.497	7.033	0.000
OTU 252	10.109	11.213	11.245	11.360	11.219	12.367	10.323	10.480	11.580	10.897
OTU 254	7.026	9.123	7.924	7.622	8.560	10.365	6.981	7.528	7.664	6.426
OTU 256	5.781	8.084	7.671	7.123	7.748	9.663	6.578	6.599	6.519	5.670
OTU 259	9.513	9.055	8.860	7.907	9.938	8.930	9.439	7.780	8.589	8.569
OTU 260	7.943	8.590	8.194	7.572	8.659	9.010	6.009	7.514	7.416	6.330
OTU 262	7.310	8.210	8.373	7.139	8.118	8.949	7.918	6.806	7.618	7.524
OTU 264	6.315	8.999	7.148	7.431	8.838	9.336	5.573	6.801	6.656	7.162
OTU 266	6.773	8.498	7.227	6.962	8.180	8.561	6.493	6.667	6.873	6.607
OTU 268	6.462	8.256	8.798	7.265	7.524	9.659	6.967	5.381	7.051	6.574
OTU 270	7.443	9.458	8.340	8.516	7.725	9.619	6.516	7.218	6.995	6.112
OTU 272	7.951	9.020	8.424	8.061	8.049	9.979	7.331	7.865	7.777	7.533
OTU 273	6.146	8.697	6.565	6.942	7.249	10.289	6.779	6.100	6.763	6.132
OTU 276	6.481	10.011	6.492	7.969	8.464	11.453	7.139	7.864	7.763	7.574
OTU 278	7.944	9.778	7.560	8.206	8.335	9.973	8.158	8.426	7.768	7.939
OTU 280	5.751	7.903	7.640	6.122	6.963	7.496	6.705	5.975	7.557	6.552
OTU 282	7.720	9.001	8.300	7.283	8.898	7.540	7.771	7.727	7.195	7.167
OTU 283	8.330	10.295	8.824	9.111	9.876	11.285	7.697	7.378	9.387	8.785
OTU 286	6.746	8.604	6.769	6.926	7.368	8.539	6.581	6.627	7.174	5.949
OTU 288	7.376	9.062	7.752	7.283	8.490	9.775	7.962	6.615	8.048	7.196
OTU 290	6.978	8.152	7.166	7.196	7.560	8.557	7.608	7.052	8.379	7.150
OTU 292	7.077	9.904	7.806	9.133	8.191	10.917	6.935	7.297	8.611	7.979
OTU 294	6.261	8.598	7.820	8.403	7.191	11.114	6.664	6.097	6.536	6.797
OTU 296	11.352	14.096	11.786	13.132	11.298	12.947	11.781	12.280	12.936	12.425
OTU 297	11.064	14.915	12.190	13.238	11.696	13.243	11.586	11.731	12.609	11.860
OTU 298	13.126	13.218	11.753	13.266	11.340	12.531	11.826	11.407	13.338	13.007
OTU 301	12.121	14.112	12.260	13.296	12.594	14.790	12.629	12.144	13.407	13.423
OTU 304	12.087	15.022	12.955	13.780	12.555	14.173	12.117	11.818	13.779	13.064
OTU 306	12.500	15.026	12.733	14.038	12.589	14.348	12.136	13.301	13.369	13.192
OTU 308	12.630	14.137	13.170	14.043	13.150	14.582	12.877	12.771	13.436	13.130
OTU 310	11.880	15.299	12.893	14.001	12.998	14.519	12.585	13.075	13.917	13.145
OTU 311	10.732	13.404	12.035	12.942	12.111	12.771	11.059	11.040	12.766	11.718
OTU 313	13.197	16.119	13.668	14.006	13.085	14.451	13.208	13.754	13.893	13.878
OTU 314	10.668	13.170	11.058	12.120	10.336	12.466	9.922	12.094	10.716	11.422
OTU 316	10.685	12.252	11.604	11.667	12.409	12.202	11.974	11.351	12.904	11.466
OTU 322	10.087	12.956	11.467	12.561	11.770	13.503	10.790	11.081	12.891	11.637
OTU 324	11.225	13.822	12.178	12.312	12.036	12.751	11.421	11.128	13.011	12.001
OTU 326	10.660	13.423	11.625	12.161	11.551	12.848	11.633	11.611	12.983	11.794
OTU 327	9.816	12.331	11.668	11.053	10.927	13.456	10.021	10.156	11.285	10.867
OTU 330	11.529	13.661	12.043	12.570	11.976	12.998	11.768	11.858	12.777	12.338
OTU 332	11.569	13.852	12.699	12.783	12.866	13.525	11.940	11.635	13.456	12.581

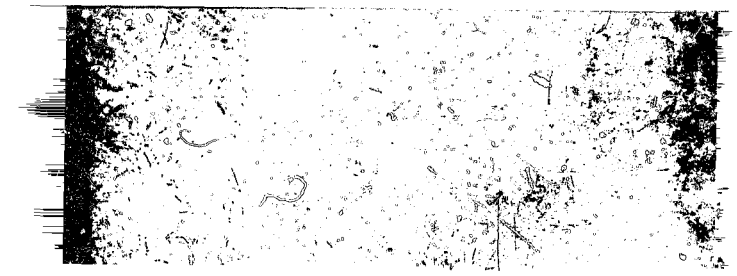
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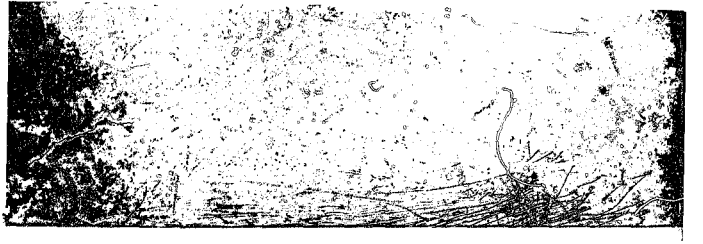


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 231	OTU 234	OTU 235	OTU 236	OTU 239	OTU 241	OTU 243	OTU 244	OTU 247	OTU 251
OTU 333	10.967	13.818	11.938	12.699	11.883	12.749	11.488	12.082	12.384	11.353
OTU 336	13.531	15.344	13.655	14.249	13.344	15.178	13.184	14.210	13.597	13.761
OTU 337	12.137	15.396	13.486	13.391	13.867	13.829	12.705	13.089	13.294	13.010
OTU 339	12.118	14.883	12.852	13.427	13.408	13.695	12.419	12.682	13.012	12.669
OTU 340	10.984	13.913	12.306	12.403	12.693	13.416	11.402	11.197	12.858	12.159
OTU 341	10.332	13.412	11.430	12.358	11.690	13.556	10.714	11.495	11.987	11.060
OTU 342	11.560	13.836	11.818	13.018	12.062	12.934	11.249	12.368	12.333	12.095
OTU 343	12.132	14.661	12.295	13.248	12.943	13.933	12.018	12.165	13.032	13.190
OTU 344	13.666	16.923	15.827	15.648	15.332	17.911	13.974	15.305	15.336	14.325
OTU 345	12.016	15.807	12.707	13.348	13.906	13.920	12.433	12.611	13.331	12.568

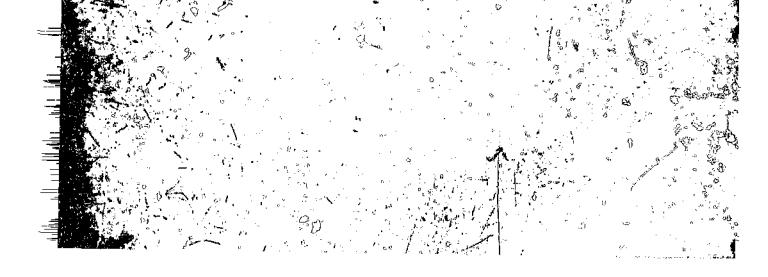


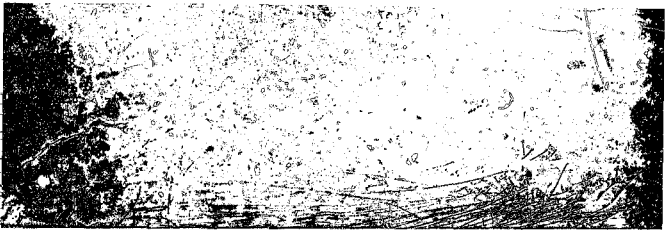


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 252	OTU 254	OTU 256	OTU 259	OTU 260	OTU 262	OTU 264	OTU 266	OTU 268	OTU 270
OTU 252	0.000									
OTU 254	11.184	0.000								
OTU 256	10.234	6.700	0.000							
OTU 259	11.714	9.106	10.092	0.000						
OTU 260	11.809	7.761	8.368	9.347	0.000					
OTU 262	10.909	8.259	8.310	6.233	7.799	0.000				
OTU 264	11.417	9.882	6.950	9.318	8.896	6.419	0.000			
OTU 266	10.704	5.973	6.671	7.513	7.758	7.496	7.037	0.000		
OTU 268	10.198	7.108	6.844	8.311	7.122	6.578	6.778	7.022	0.000	
OTU 270	11.719	7.706	7.627	9.267	8.383	6.313	7.209	7.786	6.629	0.000
OTU 272	11.414	6.506	8.671	9.105	8.300	8.657	8.182	7.019	7.603	9.202
OTU 273	11.21 /	7.468	8.470	8.783	6.884	8.613	5.154	7.176	6.652	8.784
OTU 276	11.613	8.169	6.964	9.939	8.477	8.989	7.870	7.989	8.035	8.160
OTU 278	10.845	8.573	8.166	8.842	8.894	9.176	8.917	8.245	7.751	8.012
OTU 280	10.678	5.482	7.068	6.972	7.299	5.599	7.277	6.283	5.952	7.543
OTU 282	10.904	7.952	6.239	7.955	7.730	6.166	7.563	7.389	7.165	7.985
OTU 283	13.291	10.525	8.602	11.616	9.575	11.127	8.716	8.995	8.888	8.516
OTU 286	10.431	6.998	6.542	7.120	7.970	5.799	7.271	6.756	6.979	7.749
OTU 288	10.410	6.350	7.684	7.201	6.447	7.068	7.808	5.957	6.504	7.824
OTU 289	10.201	8.015	7.918	7.633	8.957	6.969	7.122	7.460	7.759	8.641
OTU 292	11.075	7.916	7.011	10.228	8.496	7.200	6.286	7.096	7.525	7.429
OTU 294	10.413	6.876	5.366	7.528	6.600	6.178	6.396	7.018	6.053	6.981
OTU 296	13.646	12.039	10.795	13.168	12.335	10.996	9.928	11.930	11.279	9.120
OTU 297	13.778	12.137	10.960	13.176	11.912	10.763	9.678	11.166	10.990	9.063
OTU 298	14.495	12.089	11.929	12.799	12.486	10.547	9.023	10.806	11.114	10.271
OTU 301	14.359	12.896	11.696	13.458	13.009	11.411	10.402	11.545	11.469	10.766
OTU 305	15.203	12.634	13.856	14.916	12.999	12.890	10.746	11.995	11.567	10.801
OTU 306	15.253	11.893	12.953	14.419	13.089	12.083	10.319	11.106	11.991	11.410
OTU 308	14.767	12.414	11.982	13.829	13.641	11.598	10.816	11.819	11.726	11.305
OTU 310	14.368	13.122	11.699	14.056	13.577	11.319	10.026	11.671	11.602	10.217
OTU 311	15.312	11.977	10.934	12.225	11.996	9.877	9.581	10.044	10.982	10.087
OTU 313	15.440	13.270	12.941	13.889	13.089	11.607	11.167	12.114	12.221	10.900
OTU 316	14.010	11.007	10.417	12.910	11.845	11.034	8.218	11.206	10.912	8.960
OTU 316	12.831	11.059	9.407	12.043	11.687	9.764	8.924	10.329	9.766	8.930
OTU 322	14.395	11.553	9.632	11.758	12.202	10.198	8.785	10.118	10.896	9.784
OTU 324	14.764	11.799	10.825	13.336	11.901	11.083	9.909	10.608	10.909	9.724
OTU 326	13.279	10.871	10.769	12.853	11.929	9.756	9.245	10.615	10.863	9.618
OTU 327	13.067	10.304	9.170	11.897	11.793	9.895	8.902	10.826	9.312	9.546
OTU 328	14.058	11.876	11.891	12.896	12.157	9.594	9.360	10.761	10.713	9.986
OTU 332	14.592	11.821	11.894	12.553	12.146	10.184	10.238	10.999	10.481	10.854
OTU 333	13.808	11.084	10.697	12.437	11.637	10.382	9.728	10.335	10.713	9.604
OTU 336	15.797	12.577	12.985	14.083	13.888	11.727	11.136	11.786	12.347	12.501
OTU 337	15.093	12.070	11.793	12.952	12.566	10.914	10.735	11.557	11.380	11.136
OTU 339	15.030	12.067	11.699	13.656	12.047	11.282	10.969	11.754	11.408	10.467
OTU 340	14.126	11.093	10.969	12.556	11.887	10.316	9.833	10.698	10.358	10.328
OTU 341	13.834	10.779	10.803	12.456	11.780	10.065	9.139	10.510	9.988	9.527
OTU 342	14.297	11.161	11.566	12.869	11.801	10.752	9.984	10.381	11.261	10.705
OTU 343	14.990	12.068	12.195	13.335	12.833	10.966	10.803	10.984	12.019	11.163
OTU 344	16.884	13.916	13.427	16.705	15.655	13.641	12.787	13.597	13.467	13.332
OTU 345	14.922	12.099	11.565	12.734	12.251	11.108	10.091	10.726	11.602	10.879





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	OTU 272	OTU 273	OTU 276	OTU 278	OTU 280	OTU 282	OTU 283	OTU 286	OTU 288	OTU 289
OTU 272	0.000									
OTU 273	7.722	0.000								
OTU 276	9.632	6.257	0.000							
OTU 278	8.053	7.424	7.625	0.000						
OTU 280	5.878	7.235	8.637	7.444	0.000					
OTU 282	6.667	7.297	8.623	6.791	5.590	0.000				
OTU 283	11.308	8.580	8.672	11.005	9.984	11.113	0.000			
OTU 286	6.801	6.309	8.116	6.398	5.955	6.913	9.126	0.000		
OTU 288	7.586	6.408	6.678	7.679	6.737	7.408	9.718	6.955	0.000	0.000
OTU 289	8.093	6.375	6.763	6.705	5.968	6.139	11.248	6.757	7.337	0.000
OTU 292	6.966	6.684	7.530	6.887	6.628	8.380	9.083	7.415	7.078	8.012
OTU 295	7.963	6.506	7.095	8.289	6.830	8.687	8.963	6.608	6.86	7.817
OTU 296	11.892	10.357	11.315	11.277	10.184	10.111	13.576	11.778	11.951	10.702
OTU 297	11.910	10.860	11.153	11.921	10.866	10.982	12.350	11.606	11.982	11.331
OTU 298	11.066	11.267	13.058	10.455	10.295	11.505	13.086	11.638	11.977	11.751
OTU 301	12.617	11.080	12.679	13.335	11.253	13.556	13.838	12.836	12.403	11.956
OTU 305	11.901	11.041	12.253	13.410	11.805	12.534	12.857	13.108	12.539	12.488
OTU 306	11.402	11.268	11.994	12.776	11.367	12.189	14.101	13.196	12.251	12.248
OTU 308	12.331	11.486	12.771	12.740	11.535	12.305	15.215	13.266	12.996	11.996
OTU 310	12.521	10.721	11.775	12.218	11.478	11.946	13.839	12.869	12.290	11.489
OTU 311	10.749	10.196	11.371	13.285	9.896	10.796	13.136	11.069	10.707	9.971
OTU 313	12.484	11.222	12.595	12.594	11.813	11.568	14.914	13.370	12.402	12.162
OTU 314	10.960	9.772	10.619	11.408	10.682	10.406	12.171	11.983	12.404	11.164
OTU 316	11.323	9.879	10.947	11.269	9.557	10.366	12.424	11.076	11.150	10.466
OTU 322	11.627	9.772	11.429	11.841	10.334	12.141	11.910	11.397	12.059	11.248
OTU 324	11.761	10.181	12.314	12.841	10.179	11.548	11.166	11.434	11.618	11.190
OTU 326	10.682	10.406	11.336	11.716	9.450	10.718	13.432	11.313	11.062	10.502
OTU 327	10.631	9.310	11.135	11.688	8.995	11.114	12.047	10.289	11.263	10.638
OTU 330	10.934	10.794	12.195	12.568	9.956	10.896	13.365	11.429	11.676	11.041
OTU 332	10.881	11.398	12.715	12.898	9.799	11.459	13.813	11.450	11.558	11.171
OTU 333	10.806	10.078	11.110	11.868	9.715	10.181	13.386	11.713	11.021	10.569
OTU 336	12.284	11.759	11.153	13.338	12.191	12.826	15.676	13.788	13.266	12.398
OTU 337	11.810	11.254	11.980	12.580	10.805	11.426	14.953	12.728	11.786	11.897
OTU 339	12.012	11.149	12.057	12.487	10.883	11.956	13.733	12.883	12.153	12.054
OTU 340	10.384	10.601	12.288	12.495	9.703	11.713	13.034	11.313	11.534	11.403
OTU 341	10.373	9.734	10.725	11.256	9.786	11.186	12.364	10.959	11.481	11.000
OTU 342	10.505	10.326	11.361	11.915	10.111	10.690	13.592	12.191	11.254	10.833
OTU 343	11.325	10.980	11.900	12.852	10.956	11.882	14.378	12.895	12.185	11.792
OTU 344	12.619	12.382	13.083	14.391	12.654	13.288	15.919	14.919	13.770	14.591
OTU 345	12.283	10.516	11.795	12.452	11.189	12.202	13.867	12.339	11.949	11.678

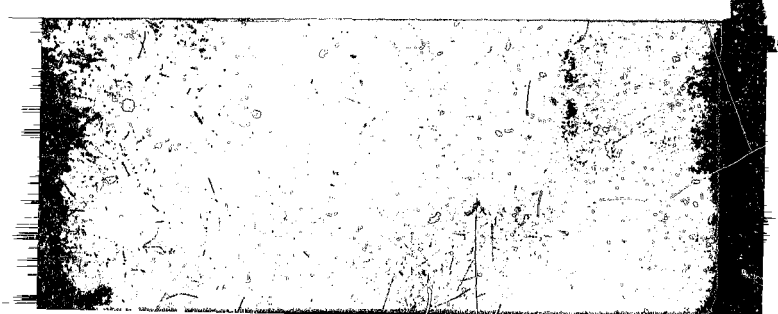


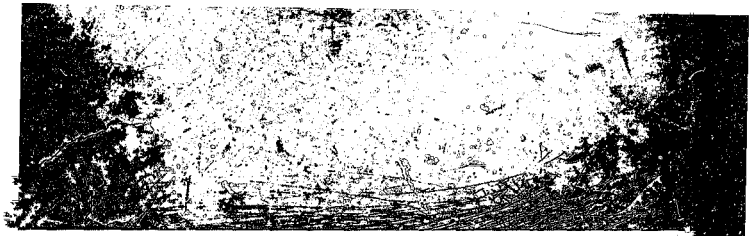


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	OTU 292	OTU 295	OTU 296	OTU 297	OTU 298	OTU 301	OTU 305	OTU 306	OTU 308	OTU 310
OTU 292	0.000									
OTU 295	4.495	0.000								
OTU 296	8.053	9.157	0.000							
OTU 297	7.607	9.751	5.020	0.000						
OTU 298	8.352	10.099	7.892	6.993	0.000					
OTU 301	9.040	10.103	8.173	7.666	6.158	0.000				
OTU 305	9.048	10.269	7.699	6.611	7.769	6.935	0.000			
OTU 306	9.063	10.133	7.698	7.729	8.202	7.639	4.895	0.000		
OTU 308	10.789	11.602	7.775	9.359	9.910	7.857	7.827	7.483	0.000	
OTU 310	9.384	10.902	6.817	5.607	8.324	6.837	5.940	6.856	6.511	0.000
OTU 311	8.296	9.386	8.008	6.959	7.775	6.573	6.618	6.936	6.164	5.893
OTU 313	10.163	12.099	6.750	7.127	9.462	8.920	7.384	7.659	7.082	5.695
OTU 314	8.902	9.889	6.693	7.517	9.681	10.005	6.750	6.739	7.816	7.475
OTU 316	9.199	9.353	6.769	7.811	8.871	7.821	6.801	7.111	6.871	6.523
OTU 322	7.028	8.443	7.028	6.789	7.521	6.634	5.872	7.009	8.576	6.409
OTU 324	8.283	9.541	7.458	6.668	6.615	7.029	6.868	8.199	9.147	7.327
OTU 326	7.817	9.118	5.359	6.299	7.001	6.212	6.602	6.552	5.584	5.265
OTU 327	8.163	9.539	7.505	9.196	8.633	7.890	8.504	9.147	7.719	8.568
OTU 330	8.379	9.983	6.570	6.399	5.520	5.769	7.382	7.921	8.713	6.254
OTU 332	8.716	9.996	8.321	8.123	7.060	6.610	6.107	6.296	9.242	7.634
OTU 333	8.319	10.015	5.267	5.488	7.788	7.633	6.925	6.145	5.721	5.051
OTU 336	11.251	12.058	9.816	10.246	10.162	8.403	7.560	8.431	5.896	7.673
OTU 337	9.884	11.037	7.513	7.907	9.341	8.754	7.188	6.825	6.999	6.639
OTU 339	8.813	10.814	5.668	5.894	7.848	7.856	7.186	7.335	7.356	6.034
OTU 340	8.082	9.767	8.074	7.769	6.470	6.246	7.479	7.734	6.050	7.544
OTU 341	7.672	8.983	6.114	5.987	7.585	6.309	5.965	6.229	5.769	5.383
OTU 342	8.732	10.497	6.818	6.577	8.096	8.108	5.269	4.898	7.100	6.613
OTU 343	9.412	11.114	7.369	7.387	7.869	7.393	5.780	5.308	5.866	5.954
OTU 344	11.454	12.290	10.390	9.884	11.782	10.179	7.685	7.790	8.384	8.109
OTU 345	9.581	10.846	8.727	7.666	8.923	7.416	6.853	6.860	7.628	5.742

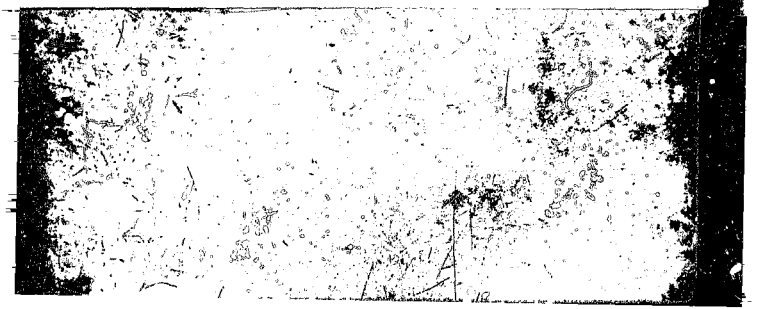




IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

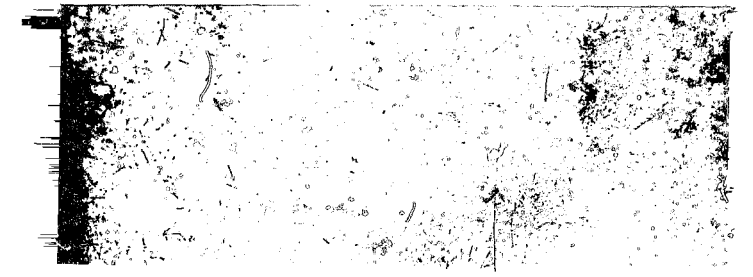
	OTU 311	OTU 313	OTU 314	OTU 316	OTU 322	OTU 324	OTU 326	OTU 327	OTU 330	OTU 332
OTU 311	0.000									
OTU 313	7.527	0.000								
OTU 314	6.772	8.957	0.000							
OTU 316	6.745	8.999	6.691	0.000						
OTU 322	7.089	8.622	7.268	6.533	0.000					
OTU 324	7.237	7.574	8.798	7.071	5.134	0.000				
OTU 326	6.266	6.651	7.383	4.829	6.358	6.725	0.000			
OTU 327	8.171	9.782	8.300	6.673	7.059	7.393	6.617	0.000		
OTU 330	6.999	8.869	8.389	6.451	6.859	6.144	4.101	7.906	0.000	
OTU 332	6.569	7.324	10.133	7.171	7.444	5.623	5.428	8.233	4.750	0.000
OTU 333	6.236	5.532	6.827	6.122	7.388	7.498	4.659	7.579	6.166	7.288
OTU 336	8.004	8.486	8.546	7.219	9.051	10.076	7.491	9.798	8.202	9.114
OTU 337	6.474	9.376	8.428	5.479	8.270	7.851	5.529	8.351	6.911	6.331
OTU 339	7.013	8.088	7.911	6.404	7.009	6.596	4.906	7.867	6.117	5.893
OTU 340	6.760	8.181	9.497	7.096	7.308	6.752	5.669	7.401	5.717	6.614
OTU 341	6.113	6.943	6.583	5.904	5.626	6.787	4.844	6.168	5.349	6.461
OTU 342	6.118	6.710	6.456	7.077	7.616	8.106	6.198	8.401	7.413	8.205
OTU 343	6.203	6.356	6.858	6.608	6.959	8.284	5.581	8.186	6.687	7.593
OTU 344	9.051	8.384	9.875	9.349	9.381	10.675	8.920	10.375	9.839	9.988
OTU 345	6.085	6.916	9.257	6.628	7.159	7.378	6.845	9.171	7.628	7.776





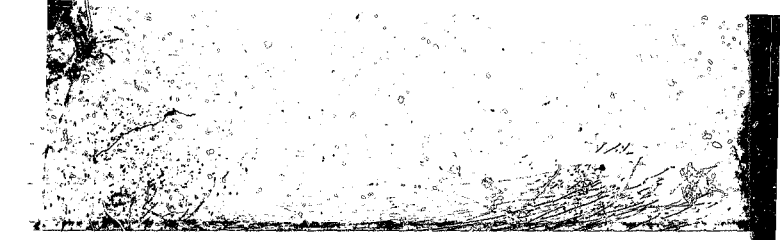
COMPUTE EUCLIDEAN DISTANCE

	OTU 333	OTU 336	OTU 337	OTU 339	OTU 340	OTU 341	OTU 342	OTU 343	OTU 344	OTU 345
OTU 333	0.000									
OTU 336	7.382	0.000								
OTU 337	5.613	8.165	0.000							
OTU 339	6.795	8.788	5.029	0.000						
OTU 340	6.819	9.202	6.581	6.107	0.000					
OTU 341	6.624	6.965	6.837	5.123	5.699	0.000				
OTU 342	4.818	6.552	6.560	6.588	8.228	5.951	0.000			
OTU 343	5.302	2.436	6.148	6.187	7.603	5.514	3.846	0.000		
OTU 344	7.936	8.248	7.390	8.878	9.241	7.240	8.030	7.566	0.000	
OTU 345	8.162	7.581	5.691	6.141	6.684	6.362	7.006	6.127	8.763	0.000



APPENDIX IID

Matrix of Distance Values for
138 Male OTUs

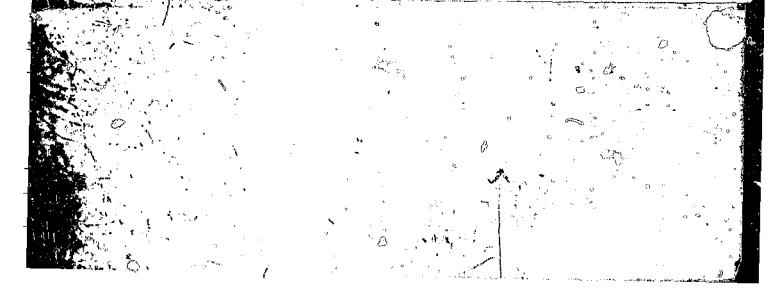


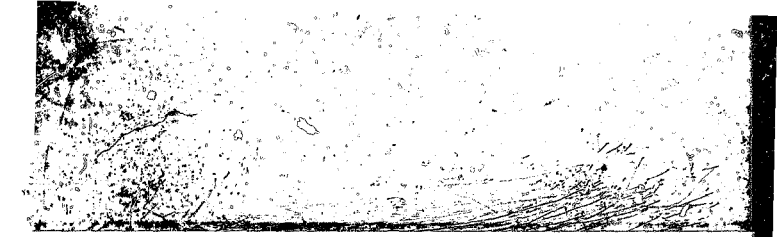
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 040	0.000									
OTU 041	1.309	0.000								
OTU 044	1.363	1.070	0.000							
OTU 048	1.566	1.338	1.036	0.000						
OTU 055	1.676	1.360	1.152	0.996	0.000					
OTU 056	1.882	1.234	1.125	1.234	1.117	0.000				
OTU 062	1.794	1.514	1.103	0.926	1.025	1.183	0.000			
OTU 063	1.726	1.257	1.369	1.263	1.424	1.412	1.029	0.000		
OTU 065	2.000	1.318	1.211	1.138	1.277	1.349	0.784	1.358	0.000	
OTU 069	1.639	1.173	1.468	1.188	1.326	1.472	1.079	1.255	1.178	0.000
OTU 072	1.706	1.334	1.335	1.305	1.369	1.379	1.195	1.325	1.291	1.235
OTU 073	1.737	1.298	1.428	1.303	1.411	1.626	1.138	1.484	1.282	0.979
OTU 076	1.618	1.358	1.360	1.488	1.384	1.421	0.908	1.216	0.780	0.910
OTU 078	1.840	1.298	1.269	1.290	1.177	1.307	0.880	1.133	0.888	0.982
OTU 079	1.953	1.572	1.507	1.472	1.501	1.305	1.055	1.226	0.825	1.145
OTU 081	1.754	1.268	1.369	1.571	1.539	1.590	1.075	1.235	0.981	1.196
OTU 086	1.911	1.492	1.501	1.433	1.280	1.366	1.015	1.295	1.023	1.220
OTU 084	1.576	1.385	1.256	0.980	1.227	1.307	0.875	1.051	1.156	0.871
OTU 087	1.921	1.185	1.090	1.004	1.222	0.999	0.980	1.186	1.084	1.107
OTU 089	1.723	1.605	1.377	1.260	1.145	1.307	1.014	1.293	1.232	1.176
OTU 092	1.778	1.496	1.468	1.065	1.290	1.435	1.076	1.359	1.205	1.046
OTU 095	2.225	1.929	1.864	2.034	1.878	1.726	1.706	1.791	1.715	1.873
OTU 096	2.560	2.098	2.086	2.130	1.993	2.075	1.758	1.998	1.695	1.909
OTU 098	2.279	1.746	1.870	1.974	1.869	1.922	1.585	1.864	1.531	1.548
OTU 099	1.774	1.496	1.312	1.107	1.184	1.019	0.787	1.193	0.886	1.065
OTU 101	2.434	2.203	1.798	1.883	1.829	1.818	1.577	1.951	1.431	1.855
OTU 103	1.901	1.580	1.371	1.114	1.211	1.429	0.957	1.268	0.971	1.052
OTU 105	1.810	1.586	1.474	1.066	1.159	1.320	1.138	1.483	1.377	1.173
OTU 107	1.484	1.268	1.059	0.815	0.995	1.146	0.906	1.219	1.126	1.113
OTU 109	2.032	1.613	1.498	1.178	1.391	1.463	1.455	1.608	1.679	1.278
OTU 111	1.880	1.619	1.536	1.334	1.580	1.578	1.267	1.718	1.528	1.570
OTU 113	1.816	1.702	1.474	1.000	1.007	1.235	1.069	1.426	1.310	1.094
OTU 117	1.982	1.460	1.280	0.968	1.131	0.986	1.038	1.375	1.200	1.104
OTU 119	1.725	1.496	1.238	0.972	1.154	1.112	0.952	1.320	0.989	1.081
OTU 120	2.172	1.695	1.705	1.851	1.709	1.617	1.489	1.851	1.685	1.686
OTU 121	1.999	1.993	1.958	1.987	1.947	1.967	1.693	2.031	1.671	1.918
OTU 123	2.319	2.104	2.009	2.014	1.961	1.907	1.736	2.014	1.767	1.915
OTU 124	2.486	2.073	1.962	1.926	1.849	1.959	1.613	1.918	1.603	1.784
OTU 125	2.194	1.609	1.637	1.566	1.405	1.695	1.295	1.416	1.169	1.182
OTU 128	2.124	1.728	1.432	1.244	1.259	1.570	0.968	1.283	0.994	1.302
OTU 131	1.873	1.651	1.293	1.174	1.178	1.165	1.018	1.420	1.013	1.374
OTU 133	1.676	1.590	1.290	1.004	1.183	1.294	0.981	1.304	1.004	1.117
OTU 136	1.820	1.552	1.249	0.930	0.966	1.411	0.943	1.392	1.120	1.213
OTU 137	1.723	1.388	1.234	0.990	0.979	1.109	0.944	1.298	1.110	1.156
OTU 139	2.016	1.628	1.475	1.267	1.214	1.696	1.174	1.505	1.257	1.414
OTU 141	1.735	1.360	1.308	1.083	1.175	1.416	1.017	1.370	1.121	1.109
OTU 142	1.715	1.260	1.270	1.161	0.992	1.257	0.729	1.285	0.997	1.018
OTU 144	1.990	1.731	1.387	1.191	1.317	1.538	1.060	1.425	1.224	1.428
OTU 146	1.690	1.475	1.342	1.294	1.243	1.080	1.035	1.426	1.278	1.355
OTU 148	2.051	1.849	1.439	1.254	1.2 9	1.424	0.889	1.320	0.914	1.152

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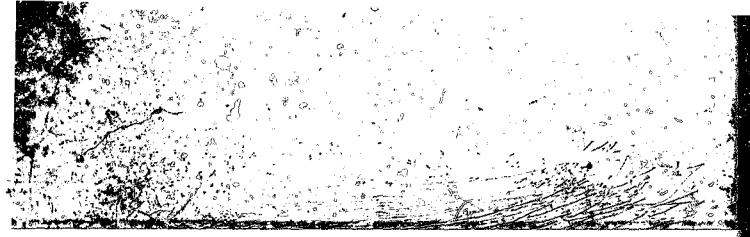
CONTINUATION OF

COMPUTE DISTANCE

	OTU 060	OTU 061	OTU 064	OTU 068	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 150	1.272	1.165	1.327	1.340	1.130	1.230	0.983	1.112	1.193	0.778
OTU 154	2.147	1.611	1.319	1.336	1.838	1.645	0.978	1.389	0.868	1.285
OTU 156	2.054	1.749	1.672	1.423	1.257	1.706	1.194	1.736	1.263	1.517
OTU 157	1.835	1.493	1.303	1.164	1.295	1.471	0.963	1.462	1.171	1.057
OTU 160	2.119	1.689	1.556	1.367	1.302	1.696	1.285	1.718	1.305	1.415
OTU 161	1.939	1.550	1.365	1.208	1.033	1.420	0.968	1.312	1.019	1.173
OTU 163	1.772	1.305	1.354	1.160	1.212	1.377	0.984	1.281	1.015	1.169
OTU 168	1.984	1.590	1.393	1.340	1.297	1.637	0.999	1.473	1.087	1.114
OTU 169	2.189	1.747	1.516	1.408	1.343	1.841	1.122	1.468	1.126	1.412
OTU 170	1.957	1.604	1.349	1.161	1.205	1.434	0.889	1.279	0.767	1.328
OTU 172	2.269	2.090	2.009	2.192	2.188	2.111	2.084	2.341	2.061	1.997
OTU 173	2.190	1.811	1.934	2.269	2.199	2.108	2.026	2.278	1.979	1.912
OTU 174	2.087	1.666	1.602	1.808	1.775	1.701	1.716	1.886	1.584	1.653
OTU 175	2.056	1.596	1.519	1.607	1.565	1.737	1.242	1.975	1.370	1.628
OTU 176	1.963	1.635	1.565	1.606	1.475	1.387	1.165	1.471	1.127	1.285
OTU 178	1.759	1.534	1.303	1.475	1.371	1.247	1.208	1.614	1.258	1.606
OTU 179	1.832	1.497	1.375	1.408	1.318	1.439	1.094	1.433	1.062	1.089
OTU 180	1.610	1.419	1.385	1.287	1.420	1.157	1.070	1.373	1.239	1.177
OTU 184	1.910	1.624	1.292	1.199	1.149	1.353	0.765	1.161	0.859	0.991
OTU 185	1.916	1.451	1.439	1.511	1.553	1.478	1.089	1.496	1.103	1.344
OTU 188	1.840	1.384	1.298	1.351	1.274	1.355	0.874	1.280	0.965	1.137
OTU 190	1.824	1.398	1.135	1.225	1.267	1.344	0.818	1.289	0.770	1.163
OTU 192	1.880	1.395	1.332	1.386	1.340	1.386	0.908	1.416	0.867	1.117
OTU 193	1.942	1.520	1.423	1.419	1.336	1.303	1.007	1.422	1.035	1.402
OTU 195	1.840	1.494	1.315	1.228	1.261	1.352	0.928	1.342	0.933	1.109
OTU 196	1.800	1.701	1.392	1.273	1.136	1.176	0.952	1.295	1.238	1.283
OTU 201	1.944	1.487	1.312	1.403	1.351	1.333	1.090	1.525	1.089	1.248
OTU 203	1.792	1.417	1.218	1.322	1.346	1.367	0.918	1.229	0.911	1.253
OTU 204	1.917	1.670	1.424	1.231	1.145	1.389	0.905	1.311	1.076	1.251
OTU 205	1.890	1.556	1.340	1.270	1.533	1.561	1.183	1.418	0.969	1.376
OTU 207	1.829	1.475	1.238	1.317	1.269	1.493	0.976	1.472	0.990	1.346
OTU 209	1.801	1.456	1.408	1.408	1.304	1.392	1.081	1.364	1.130	1.248
OTU 211	1.829	1.590	1.543	1.567	1.563	1.426	1.260	1.617	1.338	1.404
OTU 212	2.027	1.662	1.671	1.604	1.688	1.706	1.193	1.849	1.159	1.496
OTU 215	1.955	1.638	1.501	1.571	1.560	1.653	1.202	1.465	1.306	1.303
OTU 217	1.940	1.531	1.402	1.762	1.665	1.574	1.313	1.660	1.302	1.352
OTU 219	2.072	1.629	1.635	1.729	1.680	1.695	1.421	1.764	1.442	1.347
OTU 222	2.090	1.904	1.854	1.577	1.845	1.876	1.469	1.977	1.666	1.678
OTU 223	1.962	1.618	1.518	1.583	1.360	1.597	1.274	1.784	1.348	1.446
OTU 224	1.986	1.657	1.545	1.726	1.836	1.590	1.108	1.662	1.059	1.055
OTU 226	1.774	1.636	1.437	1.235	1.291	1.351	1.132	1.563	1.287	1.449
OTU 228	[illegible]	1.811	1.059	1.275	1.290	1.380	1.088	1.546	1.157	1.379
OTU 232	[illegible]	1.371	1.168	1.201	1.205	1.309	0.877	1.367	1.074	1.376
OTU 233	[illegible]	1.699	1.479	1.280	1.388	1.752	1.316	1.564	1.366	1.397
OTU 237	[illegible]	1.557	1.347	1.316	1.548	1.613	1.116	1.505	1.101	1.446
OTU 238	1.951	1.563	1.406	1.263	1.117	1.512	0.953	1.493	1.195	1.237
OTU 240	1.844	1.673	1.377	1.304	1.292	1.584	1.122	1.458	1.176	1.429
OTU 242	1.723	1.382	1.309	1.228	1.107	1.387	1.027	1.474	1.196	1.137
OTU 249	1.786	1.416	1.311	1.221	1.318	1.337	1.108	1.642	1.096	1.253
OTU 250	1.625	1.272	1.211	1.349	1.303	1.376	1.110	1.441	1.146	1.233

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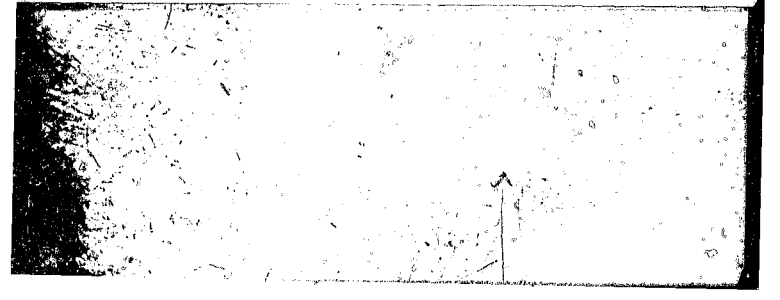


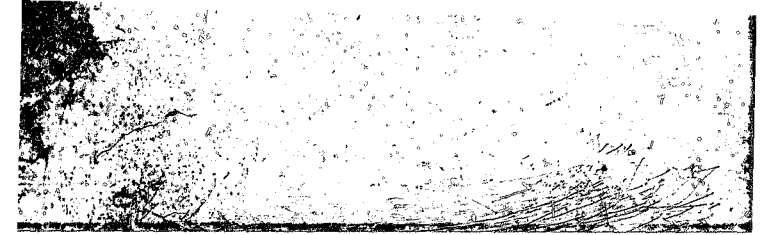


CONTINUATION OF

COMPUTE DISTANCE

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 253	1.572	1.236	1.233	1.294	1.313	1.348	1.068	1.434	1.094	1.230
OTU 255	1.703	1.222	1.383	1.469	1.491	1.506	.957	1.728	1.294	1.413
OTU 257	1.643	1.263	1.268	1.262	1.468	1.389	0.956	1.163	1.041	0.990
OTU 258	1.787	1.373	1.191	1.199	1.185	1.181	0.942	1.482	1.106	1.257
OTU 261	1.735	1.234	1.074	1.288	1.327	1.291	1.019	1.599	1.135	1.339
OTU 263	1.586	1.462	1.309	1.410	1.399	1.434	1.175	1.598	1.373	1.516
OTU 265	1.620	1.340	1.166	1.140	1.171	1.117	1.006	1.478	1.200	1.168
OTU 267	1.736	1.303	1.192	1.169	1.135	1.170	0.979	1.426	1.161	1.255
OTU 269	1.685	1.349	1.097	1.039	1.040	1.071	1.054	1.480	1.207	1.308
OTU 271	1.753	1.341	1.255	1.356	1.241	1.227	0.981	1.314	1.154	1.177
OTU 274	1.639	1.387	1.122	1.894	1.209	1.147	0.977	1.494	1.124	1.165
OTU 275	1.801	1.343	1.296	1.304	1.338	1.500	1.092	1.363	1.117	1.212
OTU 277	1.911	1.401	1.322	1.311	1.350	1.615	1.040	1.598	1.084	1.253
OTU 279	1.6822	1.388	1.435	1.348	1.352	1.478	1.062	1.365	1.182	1.086
OTU 286	2.009	1.622	1.476	1.237	1.226	1.561	1.100	1.567	1.330	1.269
OTU 285	1.979	1.395	1.304	1.264	1.143	1.599	0.985	1.496	1.054	1.244
OTU 287	1.627	1.323	1.439	1.460	1.392	1.517	1.047	1.552	1.489	1.198
OTU 290	1.882	1.370	1.200	1.139	1.111	1.396	0.731	1.376	0.913	1.079
OTU 293	1.995	1.539	1.300	1.263	1.891	1.553	0.942	1.866	1.210	1.317
OTU 296	1.717	1.601	1.183	1.103	1.091	1.191	0.886	1.212	1.128	1.266
OTU 299	2.047	1.809	1.723	2.009	1.842	1.932	1.309	1.851	1.438	1.630
OTU 302	2.194	1.784	1.593	1.765	1.648	1.698	1.415	1.877	1.361	1.539
OTU 304	2.013	1.581	1.680	1.900	1.657	1.696	1.392	1.832	1.585	1.503
OTU 303	2.043	1.559	1.624	1.639	1.514	1.783	1.332	1.685	1.612	1.230
OTU 306	1.838	1.595	1.678	1.979	1.842	1.593	1.590	1.822	1.662	1.568
OTU 307	2.421	1.882	1.863	1.927	1.850	1.916	1.514	1.859	1.628	1.524
OTU 309	2.148	1.638	1.774	1.797	1.767	1.718	1.932	1.739	1.840	1.400
OTU 312	1.975	1.587	1.495	1.662	1.923	1.538	1.320	1.562	1.357	1.411
OTU 315	2.221	1.717	1.683	1.868	1.673	1.760	1.457	1.814	1.395	1.574
OTU 317	1.770	1.601	1.604	1.767	1.648	1.514	1.431	1.663	1.555	1.411
OTU 323	2.338	2.055	1.968	1.990	1.912	1.913	1.730	2.003	1.705	1.670
OTU 325	1.954	1.603	1.795	1.866	1.692	1.727	1.420	1.665	1.561	1.801
OTU 326	2.005	1.731	1.487	1.565	1.482	1.617	1.140	1.370	1.322	1.353
OTU 329	2.066	1.600	1.550	1.555	1.469	1.657	1.154	1.582	1.177	1.099
OTU 331	2.096	1.652	1.674	1.813	1.713	1.751	1.346	1.843	1.361	1.356
OTU 334	2.151	1.612	1.684	1.760	1.663	1.804	1.382	1.694	1.586	1.882
OTU 335	2.225	1.638	1.818	1.977	1.885	2.007	1.598	1.707	1.633	1.838
OTU 338	2.256	1.672	1.968	2.117	1.979	2.104	1.790	1.986	1.619	1.460





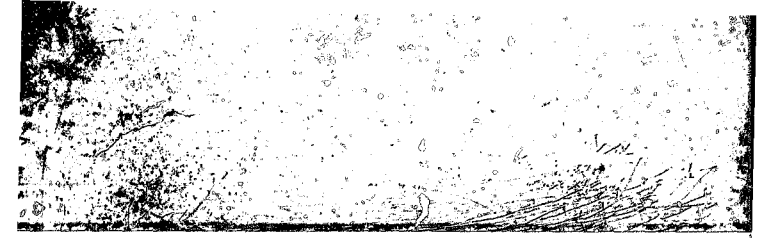
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 072	0.000									
OTU 073	1.318	0.000								
OTU 074	1.312	1.241	0.000							
OTU 075	1.092	1.105	0.815	0.000						
OTU 079	1.032	1.468	0.913	0.815	0.000					
OTU 081	1.304	1.461	0.818	0.880	0.886	0.000				
OTU 082	1.123	1.434	1.029	0.973	1.144	1.042	0.000			
OTU 084	1.293	0.943	1.082	0.978	1.107	1.210	1.335	0.000		
OTU 087	0.865	1.046	1.056	0.863	1.026	1.079	1.083	0.855	0.000	
OTU 089	1.530	1.059	1.154	1.119	1.021	1.196	1.372	0.999	1.151	0.000
OTU 092	1.062	1.050	1.069	1.111	1.118	1.353	1.273	0.953	0.969	1.338
OTU 095	2.066	2.262	1.558	1.708	1.957	1.370	1.752	1.932	1.833	1.698
OTU 096	2.006	2.225	1.571	1.672	1.828	1.545	1.584	2.038	2.031	1.918
OTU 098	2.096	1.950	1.833	1.491	1.435	1.322	1.739	1.803	1.864	1.607
OTU 099	1.048	1.365	0.909	0.882	0.784	0.971	0.903	0.939	0.811	0.944
OTU 101	2.129	2.059	1.682	1.608	1.541	1.510	1.770	1.805	1.823	1.642
OTU 103	1.139	1.119	1.134	0.971	1.260	1.335	1.074	0.943	0.992	1.291
OTU 105	1.455	1.184	1.436	1.182	1.552	1.583	1.579	1.174	1.293	1.447
OTU 107	1.276	1.205	1.152	1.092	1.208	1.300	1.254	0.960	0.861	1.042
OTU 109	1.947	1.822	1.697	1.555	1.797	1.785	1.863	1.302	1.252	1.490
OTU 111	1.608	1.581	1.421	1.568	1.586	1.608	1.461	1.385	1.283	1.481
OTU 113	1.469	1.787	1.374	1.[illegible]	1.288	1.621	1.283	0.994	1.036	1.268
OTU 117	1.200	1.280	1.210	1.151	1.206	1.[illegible]	1.210	0.926	0.832	0.996
OTU 118	1.273	1.163	1.115	0.968	1.182	1.452	1.232	0.916	0.829	1.151
OTU 120	1.971	1.842	1.446	1.422	1.418	1.384	1.759	1.746	1.699	1.485
OTU 121	2.311	2.040	1.656	1.724	1.959	1.687	2.155	1.850	1.905	1.629
OTU 123	2.284	2.360	1.777	1.809	1.842	1.687	2.135	2.016	2.081	1.593
OTU 124	2.181	2.091	1.655	1.579	1.589	1.627	1.808	1.795	1.889	1.568
OTU 126	1.642	1.514	1.124	1.004	1.069	1.273	1.312	1.291	1.436	1.285
OTU 128	1.343	1.487	1.183	1.099	1.253	1.301	1.163	1.296	1.240	1.317
OTU 131	1.285	1.480	1.263	1.007	1.089	1.316	1.104	1.183	0.863	1.203
OTU 133	1.360	1.332	0.980	0.913	0.990	1.116	1.283	1.051	1.130	1.013
OTU 134	1.254	1.200	1.220	1.134	1.138	1.489	1.237	1.031	1.048	1.371
OTU 136	1.159	1.181	1.216	0.910	1.247	1.308	1.179	0.985	0.889	1.165
OTU 139	1.316	1.252	1.393	1.238	1.635	1.564	1.279	1.217	1.233	1.693
OTU 141	1.241	1.233	1.332	1.169	1.291	1.243	1.260	1.053	1.089	1.279
OTU 142	1.112	0.997	0.983	0.773	1.193	1.135	1.046	0.951	0.931	1.206
OTU 144	1.252	1.328	1.317	1.121	1.383	1.167	1.095	1.255	1.071	1.437
OTU 146	1.667	1.345	1.337	1.091	1.133	1.568	1.420	1.107	0.987	0.986
OTU 148	1.271	1.216	0.969	0.930	0.880	1.157	0.890	1.199	1.139	1.063
OTU 150	1.225	0.951	1.056	0.968	1.184	1.060	1.155	0.823	0.852	1.124
OTU 154	1.597	1.491	1.066	0.967	1.251	1.203	1.256	1.295	1.123	1.165
OTU 156	1.392	1.298	1.399	1.313	1.686	1.627	1.237	1.297	1.183	1.623
OTU 157	1.682	1.182	1.102	1.035	1.291	1.351	1.297	1.095	1.100	1.132
OTU 160	1.641	1.309	1.487	1.232	1.596	1.699	1.439	1.286	1.251	1.674
OTU 161	1.283	1.296	1.025	0.848	1.193	1.305	1.061	1.086	1.036	1.323
OTU 163	1.179	1.241	1.077	1.002	1.276	1.238	0.927	1.078	0.990	1.376
OTU 168	1.280	1.105	1.006	0.937	1.285	1.119	1.082	1.193	1.169	1.456
OTU 169	1.391	1.469	1.343	1.197	1.443	1.462	1.199	1.368	1.202	1.433
OTU 170	1.227	1.328	1.003	1.041	1.251	1.128	0.993	1.250	1.029	1.293

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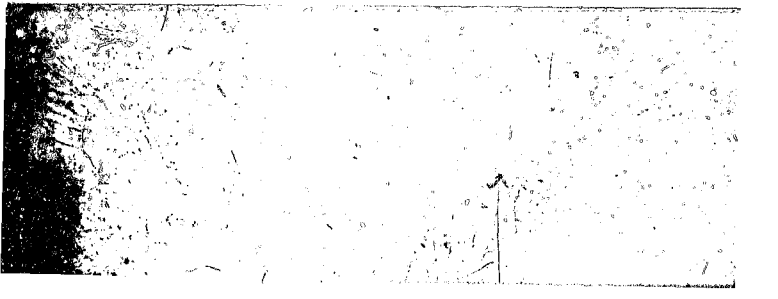


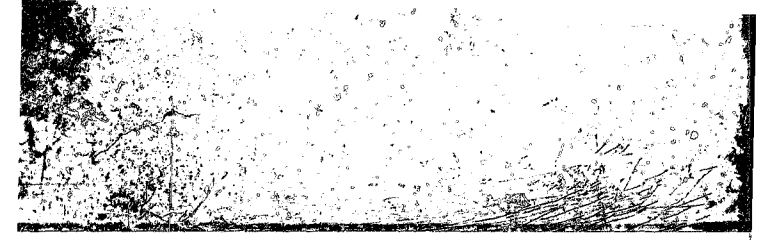
CONTINUATION OF

COMPUTE DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 172	2.479	2.197	1.857	2.015	1.989	1.890	2.330	1.970	2.013	1.947
OTU 173	2.409	2.102	1.874	1.841	1.867	1.677	2.297	1.948	2.083	1.782
OTU 174	1.848	1.743	1.158	1.154	1.206	1.104	1.622	1.586	1.866	1.193
OTU 175	1.730	1.657	1.332	1.249	1.351	1.260	1.677	1.460	1.571	1.138
OTU 176	1.696	1.719	0.980	1.028	0.853	0.989	1.214	1.190	1.337	1.089
OTU 178	1.574	1.706	1.114	1.186	1.296	1.196	1.302	1.469	1.280	1.372
OTU 179	1.386	1.307	1.034	0.961	1.178	0.949	1.034	1.248	1.147	1.376
OTU 180	1.269	1.233	1.221	1.081	0.990	1.012	1.131	1.007	0.997	0.857
OTU 184	1.206	1.326	0.863	0.726	0.923	1.017	0.919	0.957	1.070	1.110
OTU 185	1.310	1.424	1.077	1.196	1.172	1.023	0.982	1.208	1.081	1.406
OTU 188	1.161	1.304	1.011	0.865	1.055	0.974	1.005	1.034	0.984	1.173
OTU 190	1.255	1.288	0.812	0.785	1.021	0.964	0.996	1.154	0.944	1.075
OTU 192	1.289	1.159	0.827	0.836	0.987	0.892	0.909	1.140	0.997	1.272
OTU 193	1.344	1.578	1.196	1.106	1.155	1.052	0.892	1.040	1.067	1.394
OTU 195	1.361	1.331	1.037	0.975	1.003	1.080	1.109	1.043	1.013	1.186
OTU 198	1.402	1.508	1.187	1.057	1.056	1.222	1.098	1.121	1.077	1.092
OTU 201	1.303	1.609	1.251	1.079	1.206	1.115	1.040	1.189	1.132	1.411
OTU 203	1.273	1.399	0.984	1.032	1.017	0.956	1.034	1.031	1.028	1.133
OTU 204	1.435	1.511	1.167	1.081	1.092	1.115	1.182	1.081	1.119	1.171
OTU 205	1.359	1.516	1.050	0.989	1.037	0.845	1.031	1.133	1.102	1.373
OTU 207	1.400	1.593	1.117	1.036	1.119	1.023	1.084	1.033	1.076	1.227
OTU 208	1.361	1.566	1.139	0.977	1.010	0.981	0.929	1.118	1.099	1.199
OTU 211	1.657	1.715	1.308	1.318	1.239	1.102	1.253	1.515	1.356	1.201
OTU 214	1.744	1.638	1.167	1.197	1.087	1.154	1.144	1.933	1.080	1.267
OTU 215	1.644	1.710	1.162	1.331	1.165	1.155	1.150	1.366	1.160	1.362
OTU 217	1.731	1.611	1.167	1.176	1.072	1.104	1.108	1.392	1.213	1.268
OTU 218	1.678	1.736	1.342	1.341	1.229	1.320	1.696	1.825	1.598	1.219
OTU 222	1.646	1.543	1.749	1.551	1.940	1.870	1.683	1.674	1.913	1.963
OTU 223	1.343	1.437	1.362	1.281	1.660	1.504	1.305	1.458	1.274	1.782
OTU 224	1.289	1.452	1.159	1.080	1.264	1.360	1.137	1.098	1.119	1.480
OTU 226	1.336	1.412	1.442	1.291	1.460	1.405	1.279	1.229	1.062	1.372
OTU 228	1.408	1.401	1.259	1.131	1.316	1.209	1.316	1.261	1.050	1.130
OTU 232	1.282	1.371	1.241	1.086	1.258	1.205	1.167	1.121	0.997	1.187
OTU 233	1.223	1.306	1.309	1.370	1.088	1.048	1.363	1.279	1.177	1.361
OTU 237	1.193	1.435	1.374	1.105	1.481	1.326	1.135	1.339	1.190	1.497
OTU 238	1.177	1.113	1.289	1.010	1.376	1.457	1.153	1.138	1.065	1.315
OTU 240	1.353	1.521	1.462	1.301	1.509	1.432	1.303	1.365	1.253	1.382
OTU 242	1.273	1.084	1.228	1.045	1.303	1.339	1.165	1.035	1.043	1.228
OTU 245	1.380	1.239	1.231	1.112	1.297	1.238	1.200	1.299	0.980	1.376
OTU 250	1.028	1.165	1.199	1.008	1.208	1.104	0.941	1.234	0.996	1.067
OTU 253	1.101	1.172	1.088	1.012	1.204	1.025	1.034	1.184	0.829	1.191
OTU 255	1.189	1.360	1.355	1.225	1.187	1.195	1.269	1.161	1.175	1.167
OTU 257	1.180	1.095	0.934	0.859	0.977	0.920	1.048	0.888	0.815	1.077
OTU 258	1.131	1.284	1.231	0.944	1.141	1.203	1.238	1.115	1.048	1.160
OTU 261	1.368	1.276	1.024	1.034	1.282	1.127	1.287	1.109	0.996	1.201
OTU 263	1.669	1.574	1.453	1.260	1.432	1.361	1.437	1.352	1.251	1.419
OTU 265	1.118	1.012	1.241	1.065	1.264	1.209	1.272	0.989	0.837	1.324
OTU 267	1.235	1.119	1.283	1.081	1.323	1.276	1.127	1.046	0.901	1.269
OTU 269	1.110	1.183	1.404	1.134	1.431	1.406	1.278	0.999	0.950	1.311
OTU 271	1.161	1.126	1.178	0.946	1.198	1.251	1.020	1.003	0.880	1.408

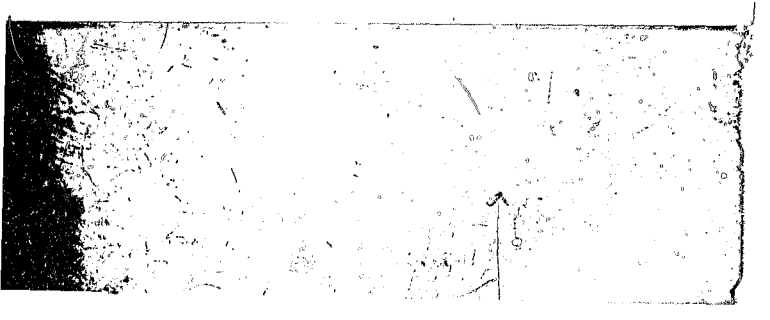
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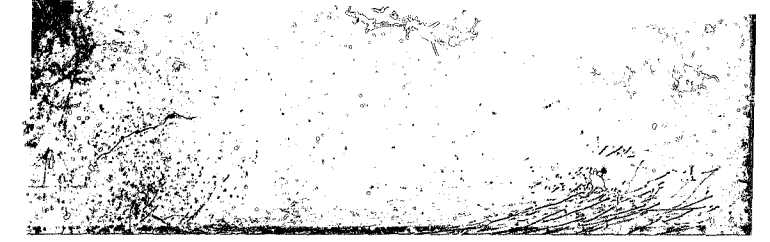




COMPUTE DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 274	1.300	1.173	1.203	0.977	1.192	1.268	1.228	1.010	0.968	1.272
OTU 276	1.151	1.061	1.307	0.999	1.293	1.267	1.189	1.064	0.916	1.309
OTU 277	1.136	1.053	1.197	0.990	1.376	1.290	1.170	1.129	0.965	1.420
OTU 279	1.214	1.121	1.260	0.935	1.157	1.236	1.064	1.109	0.961	1.257
OTU 284	1.339	1.082	1.473	1.166	1.396	1.378	1.332	1.137	1.134	1.499
OTU 285	1.188	1.136	1.269	1.051	1.379	1.331	1.094	1.197	1.141	1.491
OTU 287	1.619	1.277	1.382	1.183	1.434	1.356	1.320	1.258	1.100	1.365
OTU 290	1.373	1.084	0.982	0.852	1.076	1.118	1.052	1.028	0.943	1.060
OTU 293	1.227	1.177	1.270	1.098	1.275	1.251	1.252	1.251	1.247	1.189
OTU 294	1.126	1.398	1.215	0.926	1.080	1.181	0.967	1.083	0.976	1.174
OTU 299	1.898	1.861	1.434	1.371	1.319	1.869	1.701	1.731	1.697	1.695
OTU 300	1.900	1.671	1.389	1.372	1.256	1.514	1.681	1.520	1.470	1.368
OTU 302	1.864	1.806	1.428	1.347	1.351	1.330	1.654	1.592	1.511	1.519
OTU 303	1.750	1.587	1.236	1.338	1.309	1.334	1.502	1.425	1.543	1.511
OTU 304	1.884	1.876	1.432	1.354	1.225	1.656	1.698	1.685	1.581	1.373
OTU 307	2.097	1.875	1.603	1.468	1.384	1.518	1.861	1.635	1.822	1.431
OTU 309	1.837	1.756	1.397	1.358	1.199	1.398	1.583	1.509	1.582	1.331
OTU 312	1.888	1.767	1.295	1.292	1.223	1.297	1.699	1.433	1.372	1.131
OTU 315	1.980	1.811	1.229	1.301	1.334	1.297	1.589	1.683	1.610	1.563
OTU 317	1.772	1.703	1.228	1.334	1.158	1.269	1.596	1.487	1.416	1.287
OTU 323	2.060	1.994	1.577	1.755	1.598	1.785	1.842	1.696	1.693	1.639
OTU 325	1.752	1.606	1.246	1.295	1.218	1.179	1.555	1.473	1.570	1.317
OTU 328	1.616	1.670	1.184	1.212	1.215	1.300	1.460	1.263	1.466	1.215
OTU 329	1.728	1.567	1.412	1.077	1.100	1.110	1.401	1.331	1.463	1.149
OTU 331	1.791	1.628	1.169	1.253	1.170	1.173	1.535	1.404	1.543	1.335
OTU 334	1.830	1.609	1.221	1.299	1.225	1.338	1.508	1.446	1.581	1.414
OTU 335	1.929	1.792	1.378	1.477	1.468	1.361	1.741	1.634	1.816	1.676
OTU 338	1.986	1.790	1.354	1.469	1.384	1.366	1.789	1.624	1.816	1.767



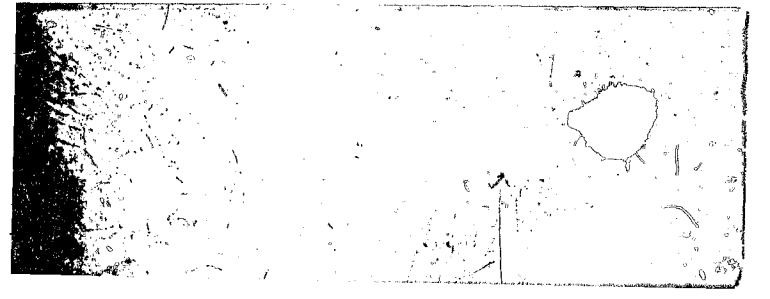


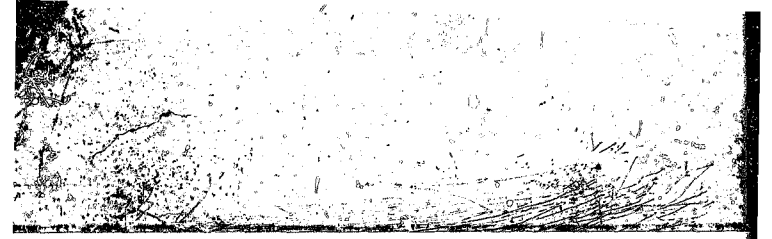
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 092	0.000									
OTU 095	2.193	0.000								
OTU 096	2.305	0.813	0.000							
OTU 098	2.075	1.165	1.034	0.000						
OTU 099	1.098	1.533	1.746	1.607	0.000					
OTU 101	2.118	1.196	1.071	1.330	1.509	0.000				
OTU 103	0.998	2.097	2.135	1.971	0.936	1.664	0.000			
OTU 105	1.033	2.003	2.091	1.938	1.250	2.094	1.109	0.000		
OTU 107	1.074	2.662	2.638	1.865	0.807	1.781	1.072	1.073	0.000	
OTU 109	1.329	2.586	2.591	2.035	1.027	2.381	1.373	1.778	0.972	0.000
OTU 111	1.430	2.172	2.292	2.235	1.247	1.976	1.279	1.975	1.256	1.397
OTU 113	1.123	2.141	2.256	2.157	0.987	2.000	0.989	1.278	1.031	1.193
OTU 117	2.000	1.918	2.167	1.975	0.789	1.836	0.925	1.059	0.779	1.121
OTU 118	0.892	2.012	2.078	1.879	0.830	1.676	0.855	1.081	0.791	1.328
OTU 120	2.046	0.994	1.050	0.977	1.449	0.695	1.852	1.858	1.693	2.209
OTU 121	2.183	1.300	1.169	1.327	1.725	0.958	2.040	.000	1.940	2.371
OTU 123	2.260	1.855	1.271	1.284	1.641	1.217	2.091	2.112	1.979	2.377
OTU 124	2.075	1.105	0.988	1.280	1.575	0.921	1.899	2.028	1.785	2.384
OTU 126	1.476	1.838	1.837	1.114	1.122	1.326	1.398	1.446	1.411	1.966
OTU 128	1.157	1.877	1.900	1.799	0.955	1.741	0.951	1.870	1.177	1.738
OTU 131	1.270	1.894	2.033	1.998	0.674	1.813	0.913	1.360	0.810	1.358
OTU 133	1.098	1.630	1.739	1.566	0.857	1.502	1.098	1.200	0.976	1.607
OTU 136	0.960	2.004	2.067	2.019	1.035	1.910	0.940	1.216	0.976	1.539
OTU 137	0.978	1.943	2.069	1.941	0.819	1.803	0.832	0.956	0.811	1.185
OTU 139	1.070	2.034	2.268	2.048	1.302	2.101	0.928	1.116	1.009	1.502
OTU 141	1.077	2.044	2.096	1.727	1.021	1.918	1.067	1.150	1.038	1.589
OTU 142	1.060	1.786	1.835	1.632	0.921	1.680	0.855	1.054	1.052	1.506
OTU 144	1.206	1.996	1.964	2.107	1.026	1.914	1.031	1.460	1.032	1.409
OTU 146	1.398	1.859	2.094	1.802	0.943	1.707	1.168	1.328	1.063	1.450
OTU 148	1.237	1.696	1.710	1.629	0.779	1.612	0.925	1.403	1.193	1.764
OTU 150	1.016	1.786	1.917	1.583	0.932	1.745	0.948	1.096	0.963	1.252
OTU 154	1.324	1.752	1.696	1.633	1.116	1.595	1.165	1.384	1.234	1.900
OTU 156	1.313	2.293	2.255	2.180	1.284	2.004	0.928	1.479	1.268	1.578
OTU 157	1.202	2.002	2.009	1.765	1.017	1.800	1.082	1.150	0.976	1.444
OTU 160	1.098	2.260	2.273	2.102	1.308	2.078	1.107	1.192	1.307	1.618
OTU 161	1.060	1.936	2.023	1.885	0.845	1.853	0.858	1.070	0.893	1.434
OTU 163	0.893	1.942	2.023	1.822	0.906	1.872	0.871	1.101	1.009	1.304
OTU 165	1.087	1.973	1.849	1.635	1.116	1.695	1.043	1.256	1.141	1.673
OTU 169	1.168	2.182	2.132	2.020	1.132	2.063	1.171	1.427	1.315	1.778
OTU 170	1.201	1.808	1.837	1.616	0.872	1.666	0.845	1.307	1.006	1.536
OTU 172	2.310	1.595	1.615	1.642	1.971	1.698	2.259	2.382	2.031	2.519
OTU 173	2.223	1.675	1.752	1.716	1.987	1.693	2.233	2.163	2.089	2.412
OTU 174	1.809	1.848	1.900	1.979	1.335	1.883	1.696	1.767	1.587	2.155
OTU 175	1.670	1.397	1.497	1.060	1.363	1.588	1.676	1.523	1.636	1.951
OTU 176	1.563	1.238	1.458	1.157	0.908	1.381	1.391	1.356	1.338	1.834
OTU 178	1.497	1.705	1.969	1.788	1.110	1.785	1.357	1.459	1.270	1.487
OTU 179	1.158	1.809	1.869	1.531	1.059	1.796	1.707	1.290	1.179	1.632
OTU 180	1.000	1.836	2.065	1.775	0.841	1.808	1.186	1.229	1.085	1.431
OTU 184	1.059	1.684	1.758	1.490	0.788	1.603	0.959	1.179	0.974	1.618
OTU 185	1.375	1.777	1.847	1.683	1.104	1.654	1.108	1.716	1.463	1.855

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CONTINUATION OF

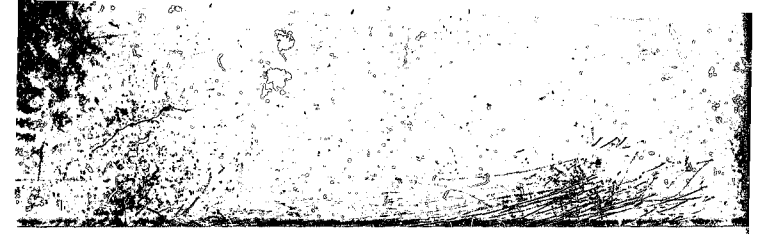
PAGE 8

COMPUTE DISTANCE

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 188	1.099	1.695	1.791	1.548	0.875	1.662	0.934	1.287	1.168	1.636
OTU 190	1.287	1.636	1.697	1.547	0.736	1.598	0.991	1.295	0.987	1.535
OTU 192	1.160	1.679	1.670	1.395	0.952	1.528	1.180	1.456	1.194	1.700
OTU 193	1.265	1.730	1.927	1.769	0.901	1.810	1.200	1.440	1.254	1.660
OTU 195	[illegible]	1.712	1.823	1.598	0.889	1.655	1.013	1.307	1.131	1.625
OTU 198	1.108	1.752	1.964	1.844	0.695	1.758	1.061	1.360	0.993	1.486
OTU 201	1.290	1.748	1.928	1.812	0.970	1.849	1.117	1.538	1.256	1.705
OTU 203	1.250	1.616	1.758	1.604	0.905	1.547	0.987	1.551	1.214	1.690
OTU 204	1.235	1.702	1.853	1.693	0.798	1.679	1.080	1.419	1.208	1.788
OTU 205	1.456	1.634	1.753	1.582	1.021	1.651	1.167	1.699	1.402	1.856
OTU 207	1.276	1.618	1.773	1.620	0.836	1.647	1.119	1.472	1.061	1.575
OTU 208	1.115	1.594	1.780	1.541	0.851	1.720	1.164	1.496	1.169	1.696
OTU 211	1.619	1.519	1.669	1.529	1.074	1.604	1.511	1.752	1.295	1.796
OTU 214	1.501	1.402	1.510	0.983	1.188	1.375	1.502	1.635	1.519	2.101
OTU 215	1.565	1.461	1.721	1.169	1.257	1.476	1.562	1.725	1.490	2.062
OTU 217	1.691	1.295	1.485	1.056	1.301	1.353	1.594	1.827	1.578	2.098
OTU 219	1.718	1.400	1.481	1.027	1.321	1.384	1.701	1.760	1.553	2.086
OTU 222	1.256	2.682	2.765	2.552	1.637	2.685	1.348	1.519	1.698	1.498
OTU 223	1.077	2.316	2.583	2.356	1.329	2.239	1.101	1.308	1.245	1.212
OTU 224	0.929	2.122	2.341	1.900	0.992	1.972	0.782	1.198	1.057	1.431
OTU 226	1.083	2.154	2.297	2.211	1.062	2.121	1.048	1.422	1.336	1.103
OTU 228	1.431	1.804	1.945	1.722	1.071	1.704	1.192	1.376	0.911	1.267
OTU 232	1.288	1.893	1.943	1.813	0.980	1.796	1.027	1.371	1.039	1.341
OTU 233	1.104	2.370	2.393	2.260	1.118	2.218	1.000	1.382	1.114	1.366
OTU 234	1.202	2.017	2.102	1.951	1.084	1.926	0.951	1.257	1.078	1.378
OTU 236	1.061	2.126	2.252	1.992	1.055	1.986	0.967	1.170	1.028	1.339
OTU 240	1.340	2.032	2.167	2.005	1.184	2.063	1.183	1.351	1.119	1.361
OTU 242	1.168	1.975	2.037	1.815	0.963	1.797	0.976	1.170	0.864	1.197
OTU 245	1.069	2.033	2.128	1.903	1.092	1.906	1.029	1.237	1.044	1.258
OTU 250	1.070	1.985	2.079	1.869	1.098	2.035	1.111	1.373	1.065	1.299
OTU 253	1.004	2.008	2.100	1.883	1.033	1.946	1.093	1.418	1.015	1.494
OTU 255	1.416	1.862	1.913	1.680	1.089	1.830	1.151	1.440	1.177	1.370
OTU 257	1.091	1.772	1.832	1.556	0.970	1.729	1.111	1.409	1.084	1.465
OTU 258	1.113	1.939	1.905	1.752	0.986	1.770	1.046	1.167	0.888	1.264
OTU 261	1.242	1.765	1.880	1.676	1.056	1.808	1.185	1.303	0.926	1.356
OTU 263	1.597	1.874	2.000	1.807	1.166	1.756	1.331	1.487	1.077	1.460
OTU 265	0.851	2.091	2.170	2.019	1.135	2.006	1.025	1.259	0.960	1.173
OTU 267	1.046	1.908	2.066	1.860	0.990	1.843	0.886	1.179	0.927	1.064
OTU 269	0.976	2.091	2.190	2.047	1.094	2.006	0.910	1.214	0.972	1.169
OTU 271	1.154	1.979	2.047	1.860	1.095	1.951	1.022	1.518	1.216	1.576
OTU 274	1.155	1.864	1.913	1.741	1.041	1.736	1.035	1.409	1.098	1.597
OTU 275	1.095	2.017	2.058	1.870	1.110	1.897	0.965	1.389	1.109	1.434
OTU 277	0.970	2.163	2.166	2.003	1.172	1.943	0.881	1.310	1.154	1.494
OTU 279	1.059	1.930	2.003	1.843	0.947	1.858	1.025	1.310	0.965	1.359
OTU 284	0.960	2.263	2.280	2.041	1.198	2.020	0.992	1.338	1.220	1.511
OTU 286	0.894	2.132	2.107	1.920	1.177	1.967	0.947	1.101	1.143	1.392
OTU 287	1.235	1.974	2.101	1.882	1.202	2.001	1.292	1.389	1.044	1.310
OTU 290	1.110	1.790	1.829	1.585	0.835	1.577	0.911	1.154	0.868	1.398
OTU 293	1.280	1.755	1.962	1.688	1.018	1.807	1.147	1.314	1.037	1.670
OTU 294	1.199	1.690	1.886	1.732	0.777	1.706	1.021	1.311	0.854	1.267

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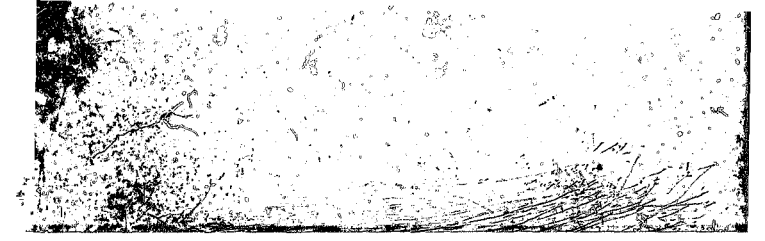


CONTINUATION OF

COMPUTE DISTANCE

	OTU 092	OTU 093	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 299	1.860	1.593	1.595	1.332	1.549	1.610	1.784	2.065	1.805	2.518
OTU 300	1.884	1.634	1.649	1.393	1.331	1.309	1.632	1.907	1.579	2.176
OTU 302	1.895	1.369	1.455	1.015	1.501	1.456	1.832	1.983	1.794	2.267
OTU 303	1.596	1.601	1.554	1.112	1.601	1.569	1.670	1.739	1.633	2.157
OTU 304	1.906	1.306	1.616	1.143	1.947	1.721	1.941	1.975	1.663	2.117
OTU 307	1.675	1.717	1.706	1.170	1.536	1.575	1.881	1.927	1.647	2.412
OTU 309	1.681	1.525	1.613	1.165	1.301	1.495	1.627	1.782	1.666	2.204
OTU 312	1.777	1.438	1.558	1.155	1.280	1.358	1.635	1.695	1.512	2.111
OTU 315	1.803	1.457	1.632	1.212	1.394	1.333	1.788	1.934	1.635	2.283
OTU 317	1.796	1.396	1.601	1.227	1.301	1.307	1.759	1.822	1.589	1.973
OTU 323	2.092	1.913	1.934	1.737	1.549	1.440	1.736	2.174	1.856	2.432
OTU 325	1.691	1.502	1.599	1.063	1.394	1.666	1.710	1.771	1.638	2.116
OTU 328	1.719	1.552	1.634	1.403	1.213	1.347	1.656	1.787	1.461	1.972
OTU 329	1.561	1.410	1.396	0.997	1.099	1.384	1.370	1.484	1.376	1.978
OTU 331	1.685	1.468	1.481	1.028	1.311	1.463	1.590	1.803	1.639	2.226
OTU 334	1.759	1.513	1.480	0.905	1.428	1.413	1.697	1.776	1.681	2.233
OTU 335	1.843	1.673	1.626	1.101	1.690	1.687	1.984	1.971	1.586	2.397
OTU 338	1.876	1.796	1.683	1.195	1.731	1.806	1.908	1.879	1.875	2.259



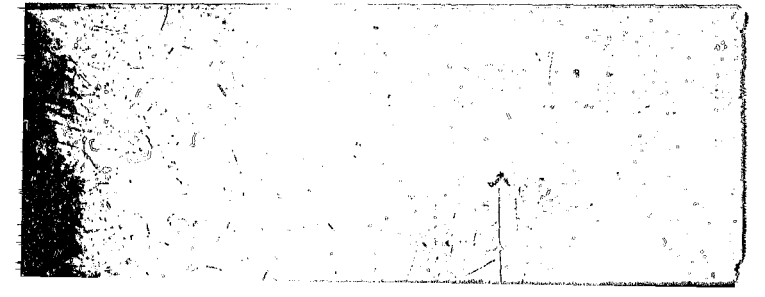


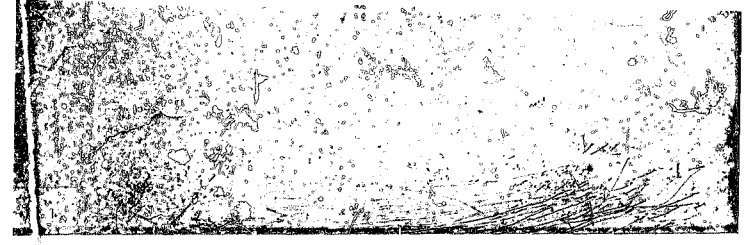
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 111	0.000									
OTU 113	1.101	0.000								
OTU 117	1.112	0.882	0.000							
OTU 118	1.266	0.975	0.822	*0.000*						
OTU 120	2.012	1.994	1.725	1.822	0.000					
OTU 121	2.121	2.059	1.895	1.991	0.997	0.000				
OTU 123	2.235	2.196	1.931	2.561	1.136	1.261	0.000			
OTU 124	2.106	2.007	1.887	1.890	1.002	1.038	1.220	0.000		
OTU 126	1.772	1.595	1.568	1.374	1.236	1.332	1.462	1.289	0.000	
OTU 128	1.581	1.371	1.168	0.899	1.561	1.972	1.610	1.705	1.000	0.000
OTU 131	1.220	1.002	0.855	0.769	1.732	2.001	1.970	1.868	1.448	0.985
OTU 133	1.151	1.225	1.028	0.850	1.340	1.621	1.921	1.981	1.093	1.072
OTU 134	1.155	0.875	0.917	0.736	1.898	2.084	2.086	1.911	1.495	0.963
OTU 137	1.289	0.860	0.762	0.776	1.702	1.995	2.005	1.796	1.389	1.134
OTU 138	1.280	1.061	1.208	1.009	2.126	2.213	2.362	2.100	1.666	1.166
OTU 141	1.348	1.297	1.040	0.845	1.807	2.019	1.973	2.008	1.443	1.142
OTU 142	1.388	1.185	1.029	0.999	1.994	1.813	1.887	1.733	1.163	1.017
OTU 144	1.199	1.228	1.134	1.071	1.936	2.136	2.155	1.923	1.573	1.019
OTU 146	1.339	1.118	1.000	1.221	1.902	1.830	1.808	1.818	1.385	1.467
OTU 148	1.272	1.202	1.161	1.089	1.996	1.828	1.636	1.624	1.124	0.735
OTU 150	1.290	1.149	0.859	0.951	1.581	1.843	1.907	1.762	1.287	1.259
OTU 154	1.602	1.468	1.389	1.039	1.636	1.850	1.710	1.645	1.111	0.753
OTU 156	1.308	1.270	1.296	1.040	2.067	2.176	2.368	2.038	1.649	1.161
OTU 157	1.388	1.188	1.110	0.826	1.722	1.908	1.986	1.756	1.288	1.161
OTU 158	1.616	1.369	1.287	0.923	2.030	2.159	2.339	2.079	1.636	1.117
OTU 161	1.371	1.096	1.096	0.791	1.779	2.041	2.102	1.837	1.189	0.919
OTU 164	1.222	1.175	0.961	0.862	1.808	2.034	2.078	1.967	1.375	1.066
OTU 166	1.528	1.457	1.327	0.990	1.668	1.957	2.030	1.733	1.170	1.019
OTU 167	1.567	1.367	1.370	0.915	2.059	2.251	2.182	2.135	1.585	0.817
OTU 170	1.283	1.259	1.060	0.977	1.710	1.948	1.896	1.790	1.286	0.739
OTU 172	2.377	2.299	2.063	2.085	1.601	1.496	1.853	1.589	1.920	2.305
OTU 173	1.501	1.342	1.162	1.059	1.422	1.695	1.867	1.654	1.200	1.265
OTU 174	1.933	1.926	1.649	1.670	1.055	1.402	1.455	1.327	1.021	1.478
OTU 175	1.901	1.888	1.639	1.518	1.217	1.527	1.349	1.471	1.013	1.410
OTU 176	1.566	1.536	1.299	1.296	1.187	1.587	1.397	1.304	0.907	1.219
OTU 177	1.237	1.345	1.052	1.284	1.627	1.919	1.900	1.962	1.426	1.395
OTU 179	1.626	1.446	1.295	0.994	1.637	1.995	1.969	1.793	1.166	1.202
OTU 180	1.325	1.293	0.816	1.019	1.666	1.852	1.763	1.850	1.429	1.252
OTU 184	1.419	1.239	1.137	0.925	1.585	1.857	1.678	1.568	0.861	0.707
OTU 185	1.363	1.418	1.298	1.330	1.673	1.837	1.872	1.775	1.425	1.280
OTU 188	1.368	1.257	1.067	0.943	1.567	1.776	1.692	1.660	1.140	0.934
OTU 190	1.279	1.311	1.067	0.836	1.490	1.789	1.725	1.624	1.109	0.756
OTU 192	1.466	1.371	1.291	1.038	1.437	1.724	1.821	1.596	1.028	1.167
OTU 194	1.197	1.385	1.174	1.132	1.713	1.951	1.870	1.903	1.325	0.946
OTU 195	1.221	1.132	0.986	0.893	1.606	1.765	1.676	1.665	1.108	0.900
OTU 198	1.089	0.972	0.857	1.045	1.687	1.872	1.792	1.726	1.136	1.098
OTU 201	1.498	1.375	1.251	1.096	1.797	2.050	1.911	1.880	1.326	0.966
OTU 203	1.316	1.252	1.156	1.098	1.563	1.769	1.748	1.649	1.175	0.987
OTU 204	1.312	1.092	1.070	1.025	1.666	1.802	1.662	1.665	1.093	0.906
OTU 205	1.500	1.512	1.318	1.256	1.605	1.828	1.713	1.800	1.326	1.207

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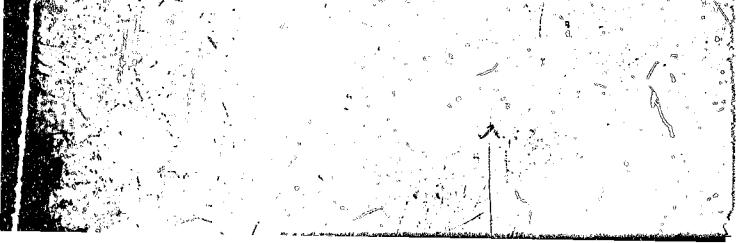


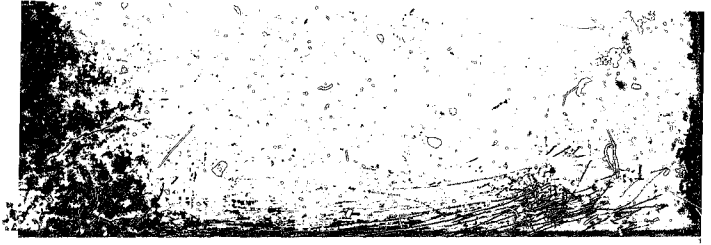


COMPUTE DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 207	1.298	1.275	1.074	0.973	1.573	1.825	1.730	1.684	1.237	1.020
OTU 208	1.432	1.377	1.180	1.159	1.583	1.913	1.716	1.583	1.139	1.126
OTU 211	1.472	1.527	1.233	1.365	1.735	1.857	1.602	1.603	1.400	1.438
OTU 214	1.727	1.709	1.543	1.364	1.250	1.490	1.227	1.330	0.957	1.290
OTU 215	1.697	1.755	1.506	1.497	1.380	1.623	1.379	1.331	0.994	1.253
OTU 217	1.805	1.788	1.606	1.561	1.184	1.455	1.466	1.296	1.008	1.351
OTU 219	1.921	1.850	1.673	1.610	1.217	1.457	1.353	1.135	0.925	1.432
OTU 222	1.585	1.601	1.373	1.292	2.576	2.649	2.778	2.699	2.143	1.584
OTU 223	1.448	1.312	1.191	1.091	2.189	2.348	2.402	2.764	1.756	1.289
OTU 224	1.303	1.090	1.134	0.831	1.981	2.142	2.131	1.924	1.299	0.931
OTU 226	1.155	0.986	0.982	1.014	2.000	2.226	2.286	2.009	1.719	1.130
OTU 228	1.300	1.428	1.154	1.094	1.541	1.930	1.944	1.786	1.433	1.356
OTU 232	1.210	1.170	1.101	1.090	1.666	1.966	1.927	1.813	1.378	1.173
OTU 233	1.276	1.257	1.274	0.951	2.226	2.398	2.470	2.186	1.702	1.234
OTU 237	1.370	1.274	1.190	1.002	1.876	2.162	2.135	1.997	1.427	1.061
OTU 238	1.161	1.069	1.171	1.004	1.867	2.110	2.147	1.982	1.381	1.126
OTU 240	1.199	1.099	1.014	1.261	1.995	2.216	2.094	2.052	1.631	1.271
OTU 242	1.103	1.068	0.964	0.987	1.693	1.937	1.998	1.830	1.327	1.210
OTU 245	1.205	1.116	0.959	0.782	1.833	2.044	2.104	1.999	1.508	1.218
OTU 250	1.316	1.245	1.196	1.092	1.872	2.173	2.236	2.096	1.538	1.266
OTU 252	1.259	1.270	1.148	1.017	1.875	2.099	2.186	2.066	1.536	1.210
OTU 255	1.186	1.044	1.043	1.004	1.611	1.934	2.100	1.867	1.535	1.181
OTU 257	1.378	1.321	1.213	0.974	1.615	1.895	1.993	1.767	1.212	1.279
OTU 259	1.279	1.219	1.063	0.897	1.642	1.914	1.912	1.739	1.280	1.131
OTU 261	1.365	1.370	1.156	1.032	1.511	1.824	1.929	1.624	1.368	1.346
OTU 263	1.465	1.434	1.311	1.258	1.650	2.002	1.957	1.777	1.477	1.317
OTU 265	1.201	1.116	1.056	0.909	1.930	2.102	2.081	2.010	1.572	1.281
OTU 267	1.155	1.084	1.000	0.960	1.751	2.015	2.059	1.897	1.380	1.187
OTU 269	1.198	1.058	1.014	0.898	1.937	2.141	2.152	2.004	1.542	1.183
OTU 271	1.401	1.199	1.309	1.051	1.892	2.103	2.195	1.969	1.525	1.237
OTU 274	1.351	1.212	1.197	1.001	1.734	1.925	1.897	1.720	1.230	1.150
OTU 275	1.368	1.300	1.196	1.054	1.850	2.083	2.099	1.983	1.381	1.268
OTU 277	1.454	1.264	1.219	0.916	1.987	2.183	2.316	1.981	1.490	1.181
OTU 279	1.216	1.171	1.135	0.998	1.767	2.065	2.088	1.887	1.265	1.171
OTU 284	1.383	1.301	1.190	1.085	1.559	2.130	2.162	2.035	1.547	1.196
OTU 285	1.425	1.293	1.231	0.976	1.918	2.156	2.299	2.003	1.495	1.245
OTU 287	1.408	1.386	1.239	1.128	1.776	2.142	2.288	2.113	1.565	1.248
OTU 290	1.166	1.070	1.011	0.869	1.516	1.765	1.816	1.595	1.087	0.978
OTU 293	1.419	1.434	1.289	1.134	1.573	1.957	1.886	1.663	1.146	1.278
OTU 294	1.194	1.113	1.060	1.001	1.590	1.970	1.877	1.701	1.207	1.133
OTU 299	2.159	2.037	1.937	1.742	1.503	1.809	1.617	1.604	1.14.	1.565
OTU 300	1.676	1.710	1.615	1.583	1.225	1.509	1.518	1.498	1.213	1.627
OTU 302	1.973	1.919	1.775	1.800	1.240	1.687	1.465	1.626	1.227	1.694
OTU 303	1.809	1.700	1.676	1.515	1.392	1.680	1.583	1.530	1.030	1.538
OTU 304	2.078	2.054	1.746	1.804	1.256	1.736	1.507	1.654	1.417	1.878
OTU 307	2.118	1.956	1.846	1.790	1.610	1.639	1.250	1.541	1.130	1.740
OTU 309	1.823	1.799	1.568	1.538	1.304	1.604	1.337	1.467	1.096	1.546
OTU 315	1.822	1.752	1.533	1.527	1.199	1.563	1.139	1.430	1.041	1.503
OTU 316	1.725	1.814	1.570	1.584	1.255	1.582	1.563	1.465	1.068	1.603
OTU 317	1.759	1.793	1.571	1.606	1.201	1.706	1.677	1.500	1.252	1.735

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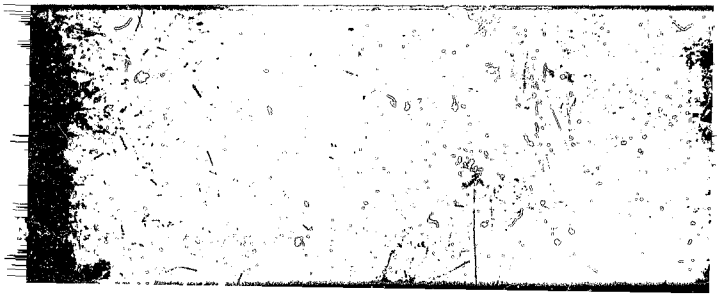


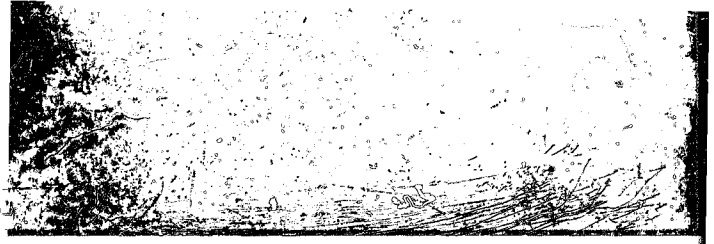


CONTINUATION OF

COMPUTE DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 323	1.767	1.898	1.728	1.916	1.497	1.764	1.618	1.683	1.559	1.859
OTU 325	1.864	1.868	1.668	1.677	1.299	1.493	1.563	1.575	1.191	1.869
OTU 326	1.536	1.557	1.521	1.505	1.421	1.676	1.495	1.546	1.091	1.396
OTU 329	1.661	1.607	1.430	1.338	1.178	1.524	1.275	1.327	0.894	1.208
OTU 331	1.894	1.842	1.628	1.568	1.300	1.524	1.354	1.448	0.950	1.479
OTU 334	1.660	1.830	1.728	1.603	1.237	1.463	1.358	1.435	0.940	1.588
OTU 335	2.136	2.106	2.021	1.834	1.518	1.798	1.683	1.751	1.125	1.849
OTU 338	2.074	2.182	2.007	1.754	1.558	1.864	1.968	1.838	1.258	1.865



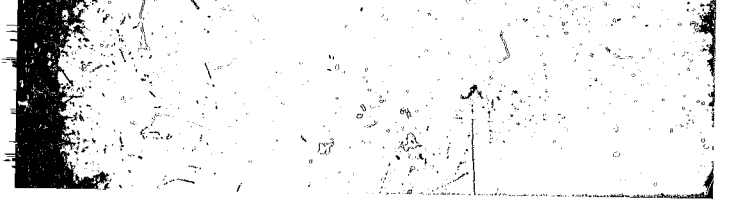


IDENTIFICATION:

COMPUTE DISTANCE

	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 131	0.000									
OTU 133	1.060	0.000								
OTU 134	0.990	0.864	0.000							
OTU 137	0.900	1.016	0.848	0.000						
OTU 139	1.255	1.243	0.697	1.063	0.000					
OTU 141	1.056	1.183	1.063	1.033	1.806	0.000				
OTU 142	1.113	1.068	0.963	0.933	1.037	1.167	0.000			
OTU 144	0.939	1.142	0.879	1.027	1.081	1.180	1.122	0.000		
OTU 146	1.071	1.262	1.242	1.000	1.578	1.313	1.059	1.323	0.000	
OTU 148	0.955	0.876	0.970	1.120	1.176	1.188	0.891	0.966	1.237	0.000
OTU 150	1.167	1.053	1.060	0.974	1.267	1.002	0.783	1.176	0.988	1.152
OTU 154	1.220	0.741	1.010	1.227	1.196	1.325	0.980	1.142	1.433	0.860
OTU 156	1.162	1.287	1.099	1.206	0.975	1.303	1.057	1.094	1.611	1.186
OTU 157	1.120	0.981	0.971	0.893	1.328	1.180	0.993	1.192	1.194	1.122
OTU 160	1.235	1.140	1.056	1.140	1.023	1.200	1.123	1.176	1.712	1.320
OTU 161	0.932	0.908	0.978	0.880	1.052	1.237	0.864	1.115	1.345	1.004
OTU 163	1.082	1.062	0.969	0.951	0.909	0.867	0.915	1.117	1.403	1.101
OTU 168	1.304	1.021	1.049	1.092	1.137	1.125	0.802	1.141	1.460	1.028
OTU 169	1.107	1.165	0.991	1.262	1.057	1.164	1.169	1.233	1.611	1.060
OTU 170	0.939	0.989	0.982	1.045	1.083	1.029	0.973	0.996	1.362	0.906
OTU 172	2.215	1.833	2.196	2.223	2.471	2.268	2.080	2.342	2.211	2.164
OTU 173	2.204	1.845	2.312	2.140	2.530	2.065	1.977	2.180	2.033	2.239
OTU 174	1.549	1.180	1.688	1.667	1.901	1.578	1.403	1.804	1.619	1.398
OTU 175	1.567	1.185	1.776	1.574	1.872	1.463	1.353	1.674	1.525	1.375
OTU 176	1.224	0.953	1.490	1.354	1.721	1.449	1.226	1.477	1.271	1.096
OTU 178	1.142	1.203	1.348	1.237	1.892	1.609	1.256	1.290	1.216	1.254
OTU 179	1.277	1.068	1.239	1.182	1.317	1.157	0.961	1.404	1.386	1.202
OTU 180	1.117	1.002	1.234	1.019	1.465	0.983	1.089	1.210	0.956	1.131
OTU 181	1.023	0.735	1.074	0.961	1.291	1.138	0.670	1.099	1.153	0.725
OTU 185	1.282	1.255	1.301	1.356	1.357	1.278	1.096	1.282	1.369	0.986
OTU 186	1.009	0.674	1.006	1.042	1.126	0.927	0.929	1.135	1.311	0.820
OTU 190	0.835	0.762	0.996	1.002	1.277	1.050	0.811	0.957	1.176	0.739
OTU 192	1.166	1.003	1.138	1.173	1.294	1.090	0.922	1.244	1.287	0.978
OTU 193	0.967	1.125	1.209	1.238	1.331	1.093	1.106	1.187	1.384	0.899
OTU 195	1.015	0.742	0.899	0.984	1.124	0.968	1.028	1.062	1.208	0.774
OTU 198	0.893	0.865	0.968	0.882	1.201	1.198	1.057	0.931	1.058	0.786
OTU 201	0.994	1.021	1.136	1.181	1.292	1.111	1.232	1.143	1.404	0.998
OTU 203	1.050	0.960	1.119	1.056	1.229	1.122	0.959	1.135	1.305	0.900
OTU 204	0.920	0.834	1.002	1.162	1.246	1.206	1.016	1.231	1.206	0.729
OTU 205	1.124	1.006	1.121	1.122	1.309	1.168	1.188	1.067	1.318	0.991
OTU 207	0.879	0.909	1.014	1.112	1.209	1.005	1.108	1.084	1.344	0.950
OTU 208	1.008	1.005	1.253	1.232	1.428	1.196	1.118	1.137	1.221	0.966
OTU 211	1.303	1.275	1.467	1.452	1.739	1.340	1.301	1.410	1.278	1.277
OTU 214	1.464	0.995	1.466	1.526	1.739	1.313	1.321	1.607	1.461	1.083
OTU 215	1.537	1.076	1.529	1.674	1.702	1.460	1.302	1.616	1.556	1.136
OTU 217	1.598	1.174	1.671	1.630	1.897	1.626	1.344	1.699	1.627	1.322
OTU 219	1.710	1.173	1.765	1.618	2.060	1.638	1.515	1.636	1.478	1.509
OTU 222	1.432	1.583	1.186	1.462	1.728	1.467	1.618	1.374	1.877	1.653
OTU 223	1.269	1.276	1.021	1.251	1.969	1.287	1.227	1.231	1.681	1.293
OTU 224	1.014	1.021	0.942	1.056	1.100	1.088	1.056	1.089	1.331	1.054

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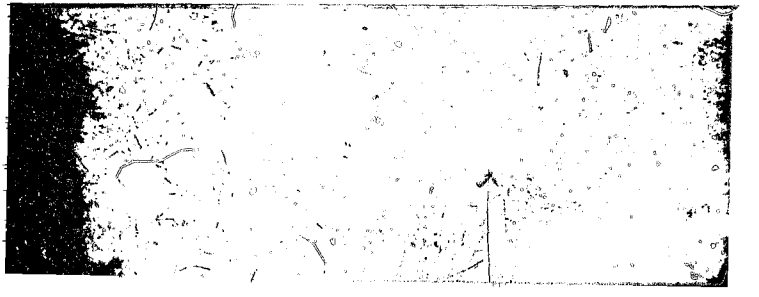




CONTINUATION OF

COMPUTE DISTANCE

	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	0.947	1.271	0.932	1.098	1.069	1.195	1.235	1.016	1.296	1.291
OTU 228	1.042	1.236	1.064	1.132	1.504	1.109	1.087	1.175	1.069	1.303
OTU 232	0.951	1.136	0.981	1.051	1.181	1.088	0.950	0.909	1.026	1.049
OTU 233	1.189	1.389	0.998	1.083	1.055	1.156	1.098	1.097	1.069	1.101
OTU 237	0.933	1.116	1.058	1.128	1.062	1.075	1.05	1.006	1.398	1.176
OTU 238	1.011	1.154	0.828	0.921	1.006	1.066	0.917	0.812	1.148	1.002
OTU 240	1.130	1.295	1.103	1.269	1.136	1.115	1.180	0.830	1.254	1.093
OTU 242	1.033	1.071	0.960	0.879	1.132	1.011	0.965	0.941	1.089	1.119
OTU 245	0.933	1.077	0.962	1.000	1.116	0.996	1.097	1.126	1.253	1.194
OTU 250	1.086	1.267	1.099	1.176	1.179	0.952	1.026	1.008	1.380	1.184
OTU 253	1.110	1.214	1.094	1.182	1.164	1.009	1.021	1.076	1.284	1.153
OTU 255	1.346	1.467	1.410	1.268	1.399	1.190	1.153	1.216	1.296	1.424
OTU 257	1.184	1.113	1.185	1.119	1.295	0.943	1.009	1.217	1.221	1.115
OTU 258	1.005	0.989	0.926	0.908	1.119	0.957	0.985	0.930	1.158	1.101
OTU 261	1.162	1.119	1.159	0.998	1.367	1.068	1.096	1.120	1.169	1.300
OTU 263	1.299	1.333	1.373	1.134	1.622	1.330	1.247	1.273	1.083	1.432
OTU 265	1.117	1.141	0.995	1.030	1.019	1.100	0.985	0.965	1.090	1.260
OTU 267	1.003	1.121	0.912	0.836	1.092	0.950	0.874	0.853	0.994	1.107
OTU 269	0.977	1.126	0.756	0.863	0.970	0.956	1.000	0.992	1.187	1.169
OTU 271	1.105	1.181	1.061	1.167	1.182	1.098	0.907	1.126	1.036	1.081
OTU 274	1.072	0.917	0.960	1.089	1.036	1.132	1.016	0.980	1.145	1.034
OTU 275	1.086	1.180	1.089	1.137	1.182	0.996	1.017	0.957	1.127	1.177
OTU 277	1.137	1.233	1.052	1.046	1.097	1.212	0.980	1.152	1.159	1.248
OTU 279	1.073	1.085	1.014	0.936	1.030	1.159	1.052	0.988	1.106	1.051
OTU 284	1.226	1.185	1.003	1.005	1.107	1.164	0.967	1.066	1.098	1.090
OTU 285	1.179	1.196	0.991	1.005	0.893	1.002	0.870	1.047	1.198	1.152
OTU 287	1.287	1.391	1.247	1.176	1.472	1.265	1.139	1.100	1.231	1.398
OTU 290	0.927	0.829	0.894	0.892	1.171	1.044	0.792	0.926	0.944	0.866
OTU 291	1.144	0.930	1.103	1.108	1.360	1.113	1.069	1.028	1.206	1.012
OTU 294	0.981	1.049	1.067	0.882	1.192	1.034	1.001	0.933	0.938	1.009
OTU 297	1.769	1.338	1.759	1.838	1.970	1.844	1.530	1.841	1.736	1.844
1	1.467	1.291	1.683	1.825	1.992	1.644	1.408	1.680	1.600	1.644
402	1.818	1.487	1.880	1.804	2.071	1.757	1.671	1.973	1.589	1.333
3	1.707	1.236	1.488	1.617	1.766	1.543	1.306	1.806	1.562	1.273
4	1.794	1.492	1.961	1.791	2.181	1.767	1.536	1.908	1.477	1.642
5	1.675	1.373	1.870	1.761	1.961	1.717	1.599	1.978	1.501	1.525
9	1.618	1.793	1.640	1.560	1.895	1.515	1.420	1.787	1.486	1.334
412	1.568	1.085	1.603	1.566	1.866	1.570	1.273	1.807	1.247	1.327
315	1.642	1.196	1.611	1.705	1.847	1.662	1.442	1.764	1.562	1.373
OTU 317	1.618	1.356	1.720	1.606	2.040	1.721	1.396	1.904	1.570	1.480
OTU 323	1.798	1.593	1.692	1.558	2.087	1.957	1.678	1.961	1.672	1.546
OTU 325	1.755	1.367	1.719	1.776	1.950	1.810	1.346	1.797	1.476	1.418
OTU 328	1.616	1.178	1.450	1.505	1.695	1.466	1.301	1.569	1.404	1.061
OTU 329	1.430	0.969	1.437	1.441	1.681	1.422	1.115	1.567	1.313	1.068
OTU 331	1.655	1.138	1.689	1.670	1.829	1.534	1.333	1.742	1.551	1.201
OTU 334	1.750	1.231	1.636	1.669	1.867	1.541	1.371	1.848	1.559	1.310
OTU 335	2.039	1.470	1.893	1.940	2.086	1.775	1.596	2.091	1.860	1.655
OTU 338	1.996	1.540	1.945	1.944	2.036	1.742	1.617	2.079	1.944	1.748



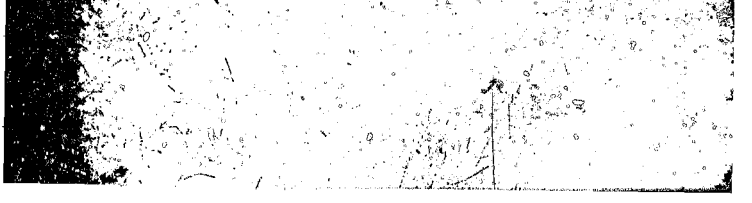


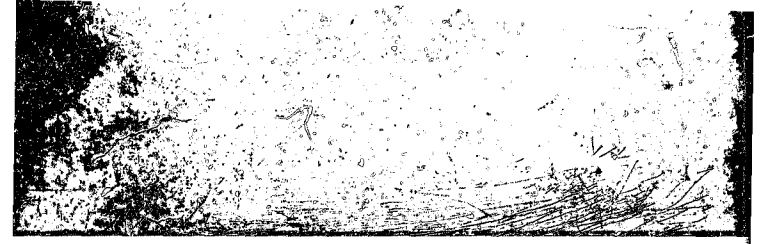
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 150	0.000									
OTU 154	1.313	0.000								
OTU 156	1.493	1.276	0.000							
OTU 157	0.996	1.060	1.186	0.000						
OTU 160	1.351	1.276	1.009	1.264	0.000					
OTU 161	1.089	0.980	1.021	0.950	0.859	0.000				
OTU 163	0.904	1.176	1.062	1.143	1.038	0.814	0.000			
OTU 168	0.988	0.887	1.059	0.873	1.111	0.905	0.861	0.000		
OTU 169	1.405	1.033	1.100	1.198	0.929	0.923	1.006	1.114	0.000	
OTU 170	1.140	0.980	1.017	1.082	1.167	0.817	0.765	0.939	0.734	0.000
OTU 172	2.683	2.092	2.306	2.063	2.269	2.161	2.195	2.116	2.432	2.198
OTU 173	1.753	1.998	2.330	1.919	2.265	2.137	2.086	1.921	2.398	2.145
OTU 174	1.455	1.324	1.779	1.647	1.697	1.499	1.557	1.403	1.597	1.468
OTU 175	1.403	1.228	1.831	1.550	1.787	1.518	1.499	1.438	1.560	1.405
OTU 176	1.220	1.288	1.657	1.282	1.637	1.331	1.294	1.299	1.502	1.282
OTU 178	1.285	1.368	1.592	1.422	1.594	1.202	1.080	1.232	1.194	1.106
OTU 179	0.952	1.077	1.311	0.999	1.256	0.947	0.789	0.857	1.178	1.012
OTU 180	0.893	1.338	1.516	1.226	1.500	1.294	1.068	1.097	1.418	1.198
OTU 184	0.969	0.813	1.297	1.067	1.276	0.790	0.945	0.939	1.007	0.887
OTU 185	1.132	1.320	1.209	1.415	1.578	1.395	1.109	1.178	1.413	1.073
OTU 188	0.967	1.006	1.035	1.108	1.133	1.004	0.824	0.978	1.067	0.872
OTU 190	1.007	0.763	1.042	0.892	1.223	0.798	0.920	0.867	0.983	0.693
OTU 192	1.039	1.086	1.159	0.992	1.065	1.092	0.937	0.787	1.110	1.036
OTU 193	1.556	1.814	1.309	1.363	1.321	1.121	0.941	1.200	1.084	0.837
OTU 195	0.964	0.982	1.269	1.059	1.180	1.040	0.960	1.043	1.063	0.973
OTU 198	1.057	1.164	1.265	1.104	1.428	1.044	1.078	1.276	1.258	1.075
OTU 201	1.276	1.096	1.365	1.317	1.359	1.126	0.969	1.256	1.009	0.901
OTU 203	1.060	1.037	1.740	1.269	1.387	1.110	0.959	1.069	1.202	0.882
OTU 204	1.174	1.037	1.252	1.189	1.293	1.019	1.137	1.238	1.099	0.996
OTU 205	1.193	1.166	1.406	1.413	1.580	1.326	1.108	1.253	1.301	1.014
OTU 207	1.091	1.098	1.189	1.137	1.253	1.014	0.957	1.097	1.072	0.801
OTU 208	1.009	1.103	1.403	1.181	1.475	1.081	0.986	1.157	1.242	0.972
OTU 214	1.175	1.418	1.666	1.197	1.674	1.311	1.132	1.255	1.432	1.110
OTU 217	1.303	1.128	1.696	1.393	1.622	1.491	1.418	1.231	1.461	1.338
OTU 218	1.302	1.215	1.662	1.478	1.730	1.491	1.467	1.455	1.533	1.327
OTU 219	1.289	1.371	1.731	1.472	1.757	1.545	1.579	1.520	1.710	1.520
OTU 219	1.332	1.439	1.916	1.422	1.864	1.640	1.691	1.670	1.868	1.654
OTU 221	1.524	1.698	1.487	1.668	1.403	1.412	1.286	1.549	1.436	1.412
OTU 223	1.307	1.315	1.136	1.340	1.118	1.038	0.909	1.282	1.098	1.030
OTU 224	1.019	1.095	1.037	0.980	1.119	0.819	0.892	1.012	0.984	0.888
OTU 226	1.176	1.499	1.198	1.277	1.421	1.193	0.997	1.387	1.311	1.100
OTU 228	0.546	1.316	1.347	1.006	1.543	1.191	1.137	1.135	1.320	1.064
OTU 232	1.016	1.164	1.236	1.129	1.465	1.135	0.992	1.151	1.078	0.917
OTU 233	1.278	1.352	0.952	1.053	1.155	1.080	1.036	1.158	1.056	1.036
OTU 237	1.132	1.138	1.181	1.239	1.154	0.902	0.772	1.100	1.069	0.811
OTU 238	1.054	1.204	1.040	0.967	1.182	0.970	1.038	1.063	1.115	1.061
OTU 240	1.134	1.325	1.286	1.212	1.636	1.340	1.173	1.334	1.499	1.122
OTU 242	0.784	1.272	1.181	0.884	1.295	1.087	0.954	1.086	1.349	1.098
OTU 245	0.973	1.322	1.138	1.014	1.077	1.018	0.829	1.090	1.083	0.971
OTU 250	0.915	1.350	1.168	1.260	1.298	1.103	0.793	1.030	1.178	1.031

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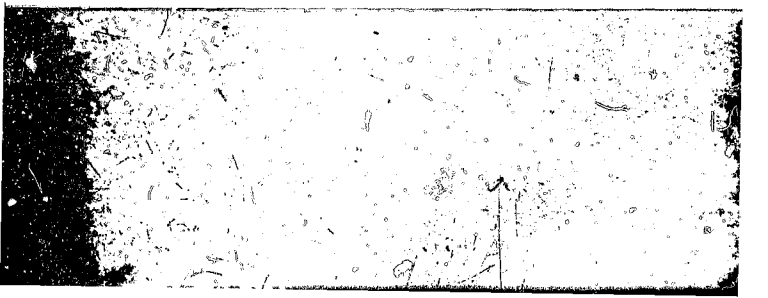


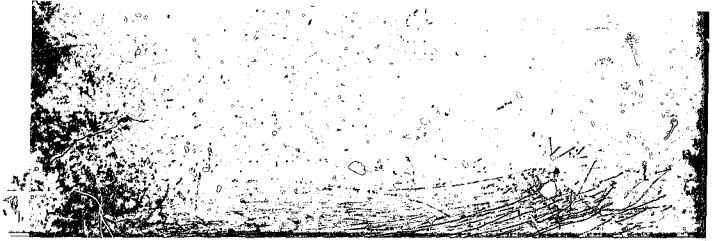


CONTINUATION OF

COMPUTE DISTANCE

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 253	0.921	1.281	1.214	1.240	1.348	1.085	0.802	1.045	1.209	1.002
OTU 255	0.973	1.408	1.484	1.238	1.641	1.402	1.164	1.032	1.637	1.247
OTU 257	0.642	1.221	1.292	1.062	1.234	1.095	0.901	0.908	1.212	1.128
OTU 258	0.929	1.083	1.199	0.870	1.197	0.962	0.863	0.969	1.168	0.950
OTU 261	0.945	1.232	1.398	0.925	1.379	1.132	0.989	0.937	1.433	1.083
OTU 263	1.130	1.383	1.486	0.932	1.695	1.300	1.278	1.095	1.598	1.238
OTU 265	0.885	1.259	1.088	1.097	1.230	1.066	0.926	1.058	1.230	1.073
OTU 267	0.766	1.185	1.145	0.965	1.273	1.032	0.893	0.976	1.260	0.979
OTU 269	0.990	1.214	1.044	1.071	1.197	1.080	0.957	1.131	1.172	0.967
OTU 271	0.990	1.163	1.065	1.044	1.287	1.041	1.072	1.035	1.073	1.081
OTU 273	0.936	0.972	1.159	0.883	1.272	1.076	1.142	0.999	1.169	1.046
OTU 275	0.909	1.187	1.242	1.203	1.373	1.175	1.006	1.108	1.213	1.071
OTU 277	1.049	1.186	0.892	1.083	1.304	0.955	0.938	0.850	1.082	0.961
OTU 279	0.927	1.198	1.250	0.836	1.349	0.976	1.055	0.970	1.179	1.066
OTU 284	1.034	1.210	1.269	1.134	1.258	1.105	1.198	1.118	1.284	1.207
OTU 285	0.916	1.093	1.060	1.044	1.084	0.925	0.709	0.811	1.051	0.944
OTU 287	0.826	1.474	1.410	0.983	1.466	1.197	1.168	1.146	1.468	1.367
OTU 290	0.906	0.914	1.062	0.816	1.202	0.887	0.946	0.775	1.137	0.852
OTU 293	1.097	0.891	1.382	0.970	1.446	1.108	1.119	0.978	1.278	0.943
OTU 294	0.957	1.191	1.265	0.976	1.413	0.988	1.023	1.107	1.262	0.937
OTU 299	1.660	1.273	1.911	1.594	1.876	1.674	1.763	1.461	1.643	1.691
OTU 300	1.447	1.482	1.735	1.433	1.850	1.635	1.774	1.554	1.754	1.551
OTU 302	1.385	1.033	1.968	1.722	1.999	1.815	1.737	1.686	1.984	1.770
OTU 303	1.317	1.348	1.771	1.351	1.712	1.587	1.958	1.664	1.995	1.693
OTU 306	1.403	1.675	2.184	1.656	2.189	1.813	1.699	1.647	2.027	1.805
OTU 307	1.594	1.400	2.128	1.568	2.038	1.856	1.861	1.624	1.919	1.843
OTU 309	1.325	1.015	1.875	1.484	1.861	1.696	1.544	1.409	1.723	1.537
OTU 313	1.379	1.271	1.884	1.418	1.851	1.559	1.611	1.525	1.734	1.580
OTU 315	1.495	1.301	1.796	1.411	1.813	1.590	1.583	1.330	1.616	1.521
OTU 317	1.253	1.611	1.959	1.376	1.997	1.612	1.678	1.519	1.849	1.676
OTU 323	1.618	1.765	1.965	1.790	2.139	1.879	1.943	1.818	2.131	1.800
OTU 325	1.206	1.538	1.934	1.477	1.940	1.665	1.566	1.516	1.833	1.688
OTU 328	1.381	1.226	1.637	1.443	1.755	1.452	1.576	1.207	1.687	1.451
OTU 329	1.096	1.064	1.644	1.185	1.637	1.296	1.325	1.170	1.520	1.278
OTU 331	1.285	1.308	1.769	1.451	1.782	1.557	1.585	1.390	1.632	1.519
OTU 334	1.363	1.263	1.839	1.447	1.792	1.647	1.642	1.384	1.718	1.633
OTU 335	1.554	1.536	2.068	1.698	1.976	1.807	1.706	1.682	1.661	1.803
OTU 336	1.543	1.641	2.001	1.649	1.841	1.706	1.612	1.613	1.832	1.768



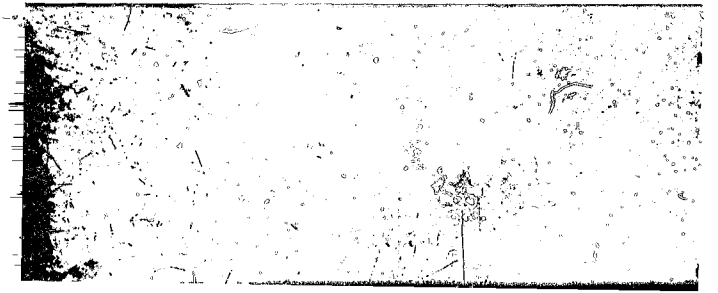


IDENTIFICATION:

COMPUTE DISTANCE

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 172	0.000									
OTU 173	1.305	0.000								
OTU 174	1.589	1.289	0.000							
OTU 175	1.937	1.586	0.904	0.000						
OTU 176	1.846	1.649	0.921	0.983	0.000					
OTU 178	2.114	2.100	1.489	1.263	1.134	0.000				
OTU 179	2.033	1.732	1.313	1.360	1.110	1.283	0.000			
OTU 180	2.114	1.993	1.548	1.423	1.180	1.211	1.211	0.000		
OTU 184	1.926	1.966	1.239	1.163	0.991	1.154	0.625	1.052	0.000	
OTU 185	2.071	2.081	1.475	1.317	1.228	1.335	1.204	1.148	1.158	0.000
OTU 188	1.857	1.901	1.198	1.114	1.064	1.151	0.998	0.995	0.618	0.782
OTU 190	2.003	1.869	1.156	1.061	0.933	1.061	0.989	1.057	0.668	1.062
OTU 192	1.927	1.759	1.092	1.200	1.017	1.245	0.737	1.171	0.848	0.921
OTU 193	2.135	2.246	1.451	1.327	1.067	0.996	1.162	0.998	0.961	1.011
OTU 195	2.006	2.009	1.285	1.294	1.010	1.111	1.074	0.635	0.753	0.975
OTU 198	2.159	2.211	1.556	1.487	1.035	1.107	1.279	0.917	0.890	1.160
OTU 201	2.275	2.162	1.443	1.355	1.185	0.979	1.112	1.177	0.894	1.117
OTU 203	1.998	1.899	1.258	1.213	1.011	1.127	1.075	1.083	0.941	0.759
OTU 204	2.094	2.172	1.376	1.335	1.026	1.193	1.248	1.142	0.871	1.078
OTU 205	2.101	1.998	1.268	1.326	1.070	1.055	1.137	1.122	1.000	0.809
OTU 207	1.955	1.895	1.215	1.209	0.966	0.969	1.010	1.135	0.906	1.075
OTU 208	2.075	1.906	1.307	1.212	0.808	1.000	0.946	1.046	0.997	1.074
OTU 211	1.985	1.819	1.286	1.287	0.975	1.293	1.153	1.257	1.094	1.248
OTU 214	1.768	1.605	0.869	0.847	0.915	1.145	1.211	1.296	0.955	1.233
OTU 215	1.777	1.698	1.048	0.845	0.978	1.304	1.355	1.387	1.101	1.169
OTU 217	1.716	1.318	0.826	1.008	0.884	1.488	1.387	1.397	1.198	1.185
OTU 219	1.524	1.194	1.073	1.069	1.034	1.684	1.368	1.538	1.248	1.521
OTU 222	2.783	2.847	2.270	2.231	2.043	1.670	1.705	1.643	1.634	1.837
OTU 223	2.472	2.485	1.860	1.833	1.673	1.418	1.263	1.681	1.261	1.473
OTU 224	2.277	2.158	1.629	1.505	1.326	1.345	1.012	1.200	0.833	1.458
OTU 226	2.152	2.366	1.871	1.709	1.517	1.229	1.243	1.207	1.066	1.385
OTU 228	2.051	1.712	1.486	1.351	1.214	1.129	1.043	1.145	1.103	1.364
OTU 232	2.283	2.035	1.937	1.820	1.620	0.967	1.159	1.080	0.978	1.092
OTU 233	2.500	2.404	1.924	1.653	1.740	1.547	1.254	1.440	1.272	1.499
OTU 237	2.269	2.180	1.805	1.506	1.382	1.035	1.079	1.216	1.007	1.369
OTU 238	2.417	2.306	1.730	1.498	1.440	1.293	1.239	1.179	0.985	1.323
OTU 240	2.499	2.347	1.886	1.576	1.458	1.258	1.434	1.145	1.124	1.312
OTU 242	2.148	1.988	1.617	1.467	1.283	1.198	1.086	1.095	0.974	1.312
OTU 244	2.190	2.058	1.513	1.587	1.403	1.161	1.001	1.113	1.117	1.257
OTU 250	2.262	2.122	1.613	1.546	1.429	1.167	1.046	1.161	1.072	1.166
OTU 253	2.184	2.094	1.647	1.597	1.403	1.161	1.026	1.016	1.072	1.067
OTU 255	2.171	1.786	1.603	1.506	1.377	1.227	1.083	1.230	1.211	1.351
OTU 256	1.966	1.797	1.463	1.316	1.214	1.209	0.883	1.070	0.919	1.037
OTU 258	2.082	1.849	1.437	1.287	1.218	1.057	0.963	1.073	0.906	1.148
OTU 261	1.916	1.647	1.431	1.379	1.202	1.191	0.950	1.097	1.052	1.269
OTU 263	2.118	1.760	1.628	1.395	1.295	1.250	1.096	1.260	1.169	1.363
OTU 265	2.190	2.100	1.722	1.583	1.550	1.307	1.142	1.079	1.160	1.255
OTU 267	2.223	2.052	1.668	1.563	1.364	1.129	1.044	1.031	0.991	1.145
OTU 269	2.264	2.166	1.770	1.508	1.535	1.294	1.201	1.086	1.109	1.226
OTU 271	2.209	2.097	1.957	1.550	1.361	1.301	1.038	1.240	0.963	1.078

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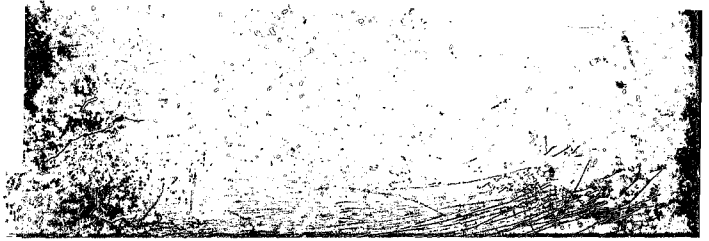


CONTINUATION OF

COMPUTE DISTANCE

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 276	1.960	1.876	1.453	1.383	1.311	1.322	1.080	1.125	0.887	1.134
OTU 275	2.248	2.057	1.645	1.475	1.498	1.291	1.160	1.094	1.022	1.207
OTU 277	2.234	2.098	1.641	1.689	1.516	1.405	0.946	1.257	1.077	1.206
OTU 279	2.048	2.119	1.548	1.460	1.546	1.298	1.064	1.128	0.852	1.292
OTU 284	2.177	2.390	1.884	1.707	1.608	1.471	1.319	1.188	1.055	1.360
OTU 285	2.198	2.202	1.734	1.536	1.499	1.267	0.915	1.269	0.965	1.276
OTU 287	2.151	1.928	1.610	1.575	1.371	1.414	1.094	1.245	1.129	1.506
OTU 290	2.032	1.881	1.333	1.237	1.029	1.114	0.862	1.031	0.668	1.078
OTU 293	2.192	1.969	1.469	1.167	1.242	1.258	1.094	1.137	0.765	1.298
OTU 294	2.203	2.008	1.527	1.384	1.131	1.016	1.059	1.023	0.611	1.210
OTU 299	1.833	1.683	1.071	1.183	1.259	1.115	1.411	1.115	1.117	1.467
OTU 300	1.765	1.672	1.164	1.265	1.236	1.588	1.589	1.537	1.354	1.390
OTU 302	1.510	1.408	1.185	1.190	1.219	1.691	1.526	1.542	1.476	1.338
OTU 303	1.768	1.751	1.113	1.146	1.186	1.637	1.257	1.541	1.188	1.330
OTU 304	1.809	1.749	1.160	1.125	1.077	1.476	1.401	1.409	1.414	1.599
OTU 307	1.931	1.645	1.323	1.182	1.300	1.787	1.597	1.508	1.439	1.618
OTU 309	1.753	1.575	1.082	1.196	1.087	1.594	1.276	1.285	1.180	1.250
OTU 312	1.740	1.507	0.998	0.864	0.985	1.404	1.197	1.376	1.162	1.502
OTU 315	1.778	1.606	0.972	1.130	1.072	1.380	1.268	1.507	1.292	1.459
OTU 317	1.716	1.541	1.115	1.264	1.032	1.487	1.370	1.430	1.283	1.510
OTU 322	1.986	2.035	1.609	1.778	1.586	1.237	1.872	1.761	1.600	1.540
OTU 325	2.184	1.909	1.118	1.044	1.057	1.602	1.326	1.398	1.063	1.403
OTU 328	2.008	1.940	1.245	1.113	1.108	1.446	1.571	1.671	1.132	1.291
OTU 329	1.673	1.510	0.916	0.853	0.818	1.374	1.097	1.296	0.907	1.258
OTU 331	1.642	1.470	0.879	0.959	0.998	1.575	1.301	1.612	1.153	1.267
OTU 334	1.787	1.562	0.985	1.014	1.157	1.655	1.485	1.530	1.238	1.398
OTU 335	1.869	1.549	1.180	1.134	1.607	1.751	1.390	1.735	1.430	1.595
OTU 338	1.897	1.679	1.115	1.343	1.246	1.709	1.254	1.780	1.505	1.716



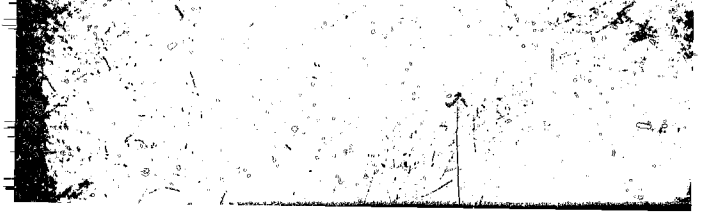


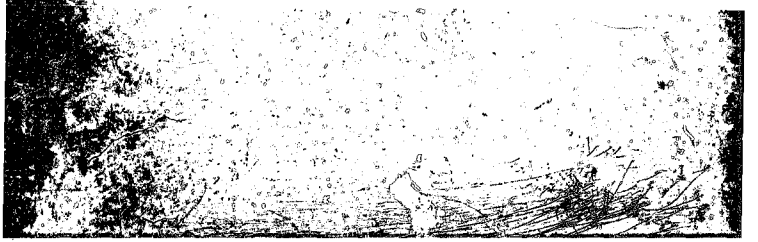
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 198	OTU 201	OTU 203	OTU 204	OTU 205
OTU 188	0.000									
OTU 190	0.764	0.000								
OTU 192	0.763	0.822	0.000							
OTU 193	0.850	0.844	0.989	0.000						
OTU 195	0.635	0.888	0.918	0.878	0.000					
OTU 198	0.903	0.936	1.111	0.972	0.753	0.000				
OTU 201	0.783	0.880	1.077	0.737	0.838	0.979	0.000			
OTU 203	0.737	0.783	0.851	0.935	0.882	0.958	0.866	0.000		
OTU 204	0.822	0.914	1.062	0.921	0.754	0.767	0.667	0.765	0.000	
OTU 205	0.719	0.877	0.911	0.874	0.861	1.068	0.698	0.765	1.044	0.000
OTU 207	0.909	0.789	0.987	0.804	0.779	0.808	0.653	0.710	0.858	0.818
OTU 208	0.867	0.960	0.936	0.819	0.674	0.818	0.739	0.838	0.917	0.852
OTU 211	1.107	1.109	0.996	1.237	1.132	1.109	1.252	1.135	1.090	1.166
OTU 214	0.967	1.001	0.918	1.263	0.934	1.308	1.235	1.185	1.097	1.100
OTU 215	1.044	1.113	1.095	1.278	1.095	1.271	1.301	0.992	1.058	1.186
OTU 217	1.129	1.080	1.020	1.405	1.169	1.358	1.409	1.086	1.117	1.130
OTU 219	1.348	1.374	1.225	1.687	1.331	1.528	1.600	1.353	1.623	1.455
OTU 222	1.568	1.588	1.733	1.550	1.477	1.520	1.491	1.715	1.660	1.701
OTU 223	1.159	1.173	1.296	1.215	1.210	1.261	1.136	1.349	1.375	1.350
OTU 224	0.989	1.064	1.044	1.173	0.941	1.039	1.072	1.054	1.029	1.253
OTU 226	1.211	1.171	1.250	1.291	1.233	1.218	1.316	1.135	1.300	1.342
OTU 228	1.218	1.216	1.098	1.258	1.263	1.201	1.241	1.083	1.347	1.259
OTU 232	0.966	0.883	1.036	1.022	0.982	0.929	0.911	0.841	1.024	1.013
OTU 233	1.270	1.162	1.298	1.311	1.290	1.345	1.299	1.136	1.403	1.347
OTU 237	1.036	0.938	1.161	1.036	1.109	1.119	0.899	1.055	1.163	1.165
OTU 238	1.054	0.979	1.069	1.165	1.004	0.939	1.005	1.187	1.127	1.301
OTU 240	1.160	1.062	1.164	1.145	1.131	0.986	1.161	1.145	1.298	1.272
OTU 242	1.082	0.980	1.054	1.253	0.982	0.919	1.217	1.125	1.162	1.206
OTU 245	1.038	1.006	1.002	1.086	0.942	1.111	1.074	1.167	1.198	1.191
OTU 250	0.980	0.966	0.950	0.998	1.046	1.176	1.037	1.085	1.121	1.054
OTU 253	0.996	0.978	0.935	1.037	1.040	1.123	1.186	1.116	1.055	1.037
OTU 255	1.285	1.117	1.132	1.310	1.256	1.446	1.395	1.316	1.411	1.359
OTU 256	0.907	0.916	0.768	1.199	0.960	1.187	1.166	0.956	1.219	1.018
OTU 258	0.979	0.877	1.001	1.154	0.967	0.970	0.997	1.067	1.170	1.174
OTU 261	1.091	0.988	1.000	1.316	1.124	1.215	1.256	1.124	1.311	1.218
OTU 263	1.350	1.119	1.231	1.482	1.337	1.227	1.366	1.290	1.439	1.434
OTU 265	1.151	1.041	1.061	1.292	1.113	1.104	1.295	1.095	1.270	1.315
OTU 267	1.001	0.960	1.060	1.116	0.895	0.997	1.095	1.069	1.134	1.167
OTU 269	0.999	1.011	1.165	1.214	1.016	1.059	1.075	1.044	1.139	1.262
OTU 271	1.005	0.971	0.900	1.168	1.044	1.127	1.106	0.915	1.000	1.079
OTU 274	0.899	0.903	0.971	1.208	0.881	1.013	1.034	0.998	1.007	1.068
OTU 275	1.033	1.001	1.059	1.294	1.078	1.196	1.066	1.038	1.205	1.077
OTU 277	1.070	0.986	0.931	1.285	1.209	1.311	1.234	1.122	1.308	1.296
OTU 279	1.116	0.956	0.971	1.223	0.938	0.967	1.183	1.180	1.213	1.233
OTU 284	1.124	1.012	1.037	1.333	1.017	1.181	1.387	1.267	1.184	1.144
OTU 285	1.090	0.907	1.054	1.155	1.097	1.247	1.090	1.111	1.215	1.279
OTU 287	1.103	1.213	1.165	1.635	1.217	1.213	1.477	1.272	1.479	1.340
OTU 290	0.902	0.684	0.775	1.133	0.807	0.870	1.052	0.933	0.947	1.083
OTU 293	0.973	0.887	1.109	1.169	0.958	1.017	1.086	1.039	1.082	1.219
OTU 294	0.998	0.853	1.022	1.089	1.019	0.893	0.980	0.970	0.991	1.129

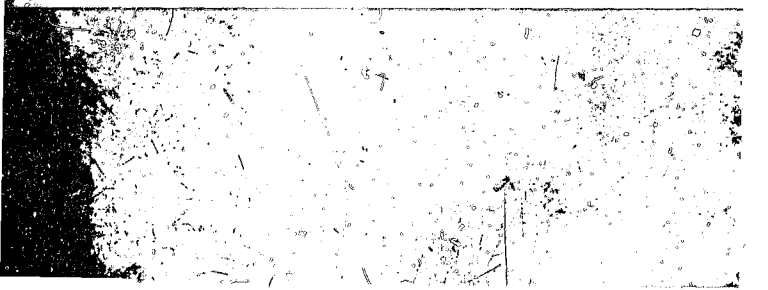
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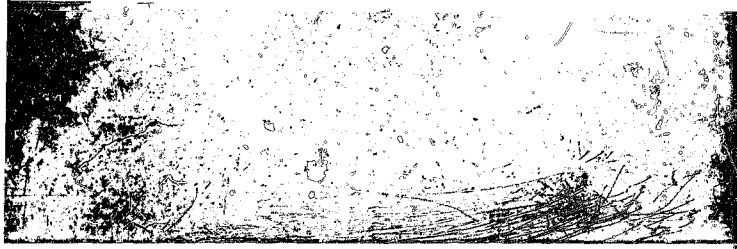




COMPUTE DISTANCE

	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 196	OTU 201	OTU 203	OTU 204	OTU 205
OTU 299	1.324	1.363	1.178	1.596	1.335	1.682	1.655	1.311	1.394	1.314
OTU 300	1.336	1.282	1.190	1.587	1.286	1.632	1.590	1.317	1.269	1.324
OTU 302	1.327	1.407	1.290	1.665	1.416	1.612	1.673	1.352	1.429	1.362
OTU 303	1.290	1.339	0.987	1.527	1.127	1.476	1.533	1.290	1.238	1.276
OTU 306	1.491	1.449	1.257	1.610	1.584	1.551	1.617	1.468	1.676	1.383
OTU 307	1.407	1.569	1.408	1.766	1.328	1.578	1.690	1.583	1.474	1.511
OTU 309	1.119	1.307	1.190	1.552	1.060	1.407	1.398	1.274	1.247	1.223
OTU 312	1.218	1.218	1.251	1.538	1.200	1.316	1.397	1.200	1.192	1.238
OTU 315	1.382	1.204	0.975	1.480	1.262	1.498	1.471	1.308	1.346	1.298
OTU 317	1.475	1.350	1.234	1.639	1.378	1.487	1.653	1.418	1.484	1.489
OTU 323	1.575	1.651	1.585	1.936	1.538	1.569	1.879	1.505	1.555	1.591
OTU 325	1.277	1.372	1.123	1.578	1.285	1.420	1.608	1.311	1.438	1.349
OTU 326	1.057	1.163	1.230	1.413	1.095	1.158	1.380	1.057	1.054	1.175
OTU 329	1.011	0.986	1.032	1.358	1.017	1.220	1.318	1.119	1.108	1.172
OTU 331	1.068	1.227	1.097	1.478	1.089	1.369	1.372	1.107	1.225	1.116
OTU 334	1.192	1.351	0.998	1.600	1.196	1.316	1.595	1.328	1.327	1.316
OTU 335	1.395	1.376	1.230	1.789	1.471	1.796	1.726	1.463	1.618	1.480
OTU 338	1.530	1.493	1.220	1.765	1.611	1.911	1.801	1.619	1.809	1.583





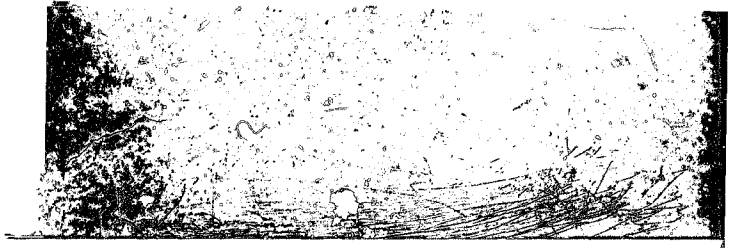
IDENTIFICATION:

COMPUTE DISTANCE

	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 207	0.000									
OTU 208	0.622	0.000								
OTU 211	0.961	0.984	0.000							
OTU 214	1.084	1.136	1.084	0.000						
OTU 215	1.118	1.091	1.193	0.812	0.000					
OTU 217	1.213	1.119	1.236	0.877	0.806	0.000				
OTU 219	1.423	1.326	1.360	0.884	0.978	0.734	0.000			
OTU 222	1.501	1.665	2.036	2.167	2.170	2.278	2.420	0.000		
OTU 223	1.117	1.312	1.695	1.736	1.769	1.870	2.020	0.806	0.000	
OTU 224	1.003	1.029	1.425	1.360	1.376	1.519	1.566	1.250	0.961	0.000
OTU 206	0.972	1.126	1.381	1.092	1.093	1.762	1.889	1.179	1.057	0.997
OTU 228	1.009	1.000	1.096	1.435	1.469	1.292	1.438	1.805	1.478	1.324
OTU 232	0.806	0.864	1.095	1.333	1.321	1.354	1.535	1.546	1.226	1.028
OTU 233	1.072	1.168	1.274	1.773	1.782	1.855	1.911	2.202	1.709	1.848
OTU 237	0.822	0.970	1.433	1.513	1.568	1.689	1.771	1.193	0.907	0.871
OTU 238	1.058	1.084	1.391	1.960	1.956	1.611	1.707	1.534	1.121	0.849
OTU 240	1.078	1.044	1.241	1.569	1.470	1.067	1.811	1.524	1.321	1.157
OTU 242	0.965	0.979	1.183	1.398	1.512	1.486	1.512	1.446	1.252	0.976
OTU 245	0.895	1.061	1.294	1.484	1.584	1.272	1.684	1.746	0.912	1.103
OTU 250	0.935	0.965	1.280	1.484	1.491	1.521	1.738	1.271	0.995	0.985
OTU 253	0.967	0.988	1.316	1.958	1.959	1.653	1.667	1.559	1.054	0.976
OTU 255	1.096	1.163	1.144	1.490	1.593	1.488	1.551	1.810	1.502	1.337
OTU 257	0.998	1.052	1.162	1.189	1.256	1.193	1.305	1.672	1.383	1.060
OTU 256	0.763	0.912	1.161	1.280	1.437	1.420	1.438	1.432	1.086	0.932
OTU 261	1.031	1.140	1.167	1.233	1.485	1.358	1.351	1.788	1.513	1.200
OTU 263	1.166	1.096	1.161	1.505	1.592	1.477	1.438	1.997	1.649	1.307
OTU 265	1.103	1.183	1.402	1.561	1.535	1.546	1.664	1.213	1.027	0.875
OTU 267	1.008	0.974	1.235	1.402	1.499	1.471	1.562	1.441	1.217	0.930
OTU 269	1.037	1.126	1.432	1.529	1.530	1.579	1.674	1.372	1.163	0.936
OTU 271	1.049	1.009	1.392	1.474	1.573	1.367	1.561	1.568	1.251	0.939
OTU 274	0.966	0.999	1.304	1.169	1.280	1.207	1.276	1.586	1.266	1.029
OTU 275	1.072	1.048	1.398	1.404	1.478	1.457	1.567	1.477	1.259	0.959
OTU 277	1.116	1.038	1.506	1.531	1.619	1.551	1.602	1.571	1.308	0.848
OTU 279	1.076	0.976	1.196	1.368	1.457	1.426	1.505	1.433	1.234	0.933
OTU 284	1.379	1.347	1.583	1.501	1.645	1.682	1.730	1.940	1.295	1.003
OTU 285	1.065	1.128	1.483	1.471	1.511	1.682	1.725	1.870	0.968	0.797
OTU 287	1.200	1.082	1.184	1.545	1.511	1.693	1.75	1.664	1.462	1.108
OTU 290	0.854	0.972	1.221	1.093	1.231	1.226	1.294	1.511	1.183	0.822
OTU 293	0.992	0.990	1.194	1.163	1.212	1.121	1.397	1.777	1.448	1.096
OTU 294	0.905	0.804	1.090	1.232	1.341	1.382	1.409	1.674	1.381	0.988
OTU 299	1.358	1.320	1.468	0.926	1.077	0.879	1.156	2.398	1.987	1.622
OTU 300	1.358	1.379	1.291	1.089	1.196	0.932	1.109	2.307	2.007	1.593
OTU 302	1.492	1.392	1.392	1.056	1.055	0.778	0.931	2.516	2.138	1.804
OTU 303	1.345	1.343	1.100	0.765	0.940	0.958	1.039	2.236	1.868	1.501
OTU 306	1.495	1.252	1.185	1.063	1.256	1.034	1.217	2.465	2.112	1.668
OTU 307	1.395	1.492	1.466	0.830	1.231	1.113	0.941	2.536	2.186	1.766
OTU 309	1.296	1.199	1.114	0.696	1.062	0.922	0.904	2.324	2.089	1.572
OTU 310	1.237	1.288	1.213	0.882	0.956	0.944	0.902	2.286	1.922	1.598
OTU 315	1.217	1.255	1.097	0.862	1.133	0.998	1.110	2.239	1.846	1.573
OTU 317	1.432	1.294	1.057	1.184	1.180	0.964	1.099	2.321	2.005	1.596

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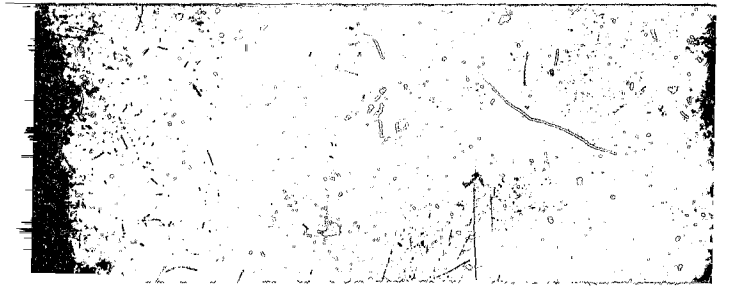


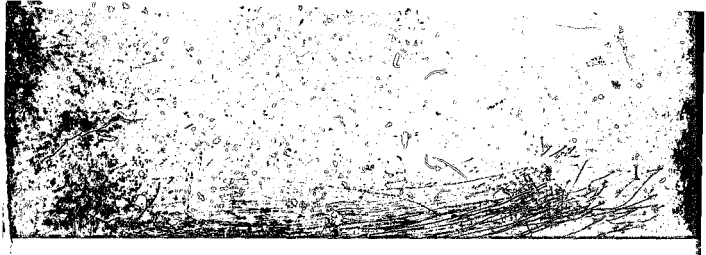


CONTINUATION OF

COMPUTE DISTANCE

	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 323	1.634	1.657	1.485	1.438	1.489	1.380	1.459	2.492	2.185	1.814
OTU 325	1.351	1.182	1.118	0.951	0.953	0.874	1.007	2.276	1.957	1.593
OTU 328	1.789	1.223	1.302	1.075	0.937	1.058	1.248	2.200	1.694	1.475
OTU 329	1.106	1.031	1.037	0.677	0.871	0.869	0.935	2.090	1.694	1.267
OTU 331	1.179	1.153	1.199	0.660	0.763	0.707	0.889	2.235	1.650	1.487
OTU 334	1.391	1.397	1.311	0.687	0.976	0.910	0.935	2.357	1.985	1.583
OTU 335	1.561	1.528	1.515	1.008	1.092	1.101	1.103	2.495	2.101	1.759
OTU 338	1.589	1.518	1.558	1.218	1.431	1.278	1.328	2.332	1.973	1.709

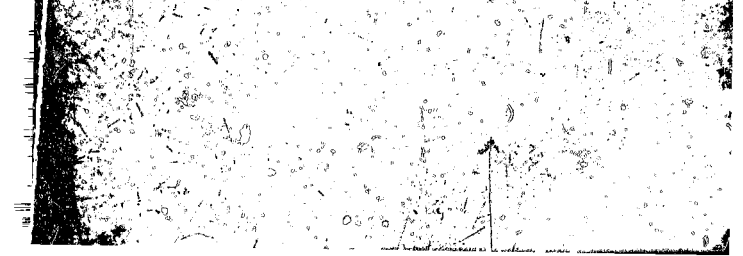




IDENTIFICATION:

COMPUTE DISTANCE

	OTU 226	OTU 228	OTU 232	OTU 233	OTU 237	OTU 238	OTU 240	OTU 242	OTU 245	OTU 250
OTU 226	0.000									
OTU 228	1.124	0.000								
OTU 232	0.819	0.898	0.000							
OTU 233	1.048	1.297	1.162	0.000						
OTU 237	0.910	1.101	0.859	1.062	0.000					
OTU 238	0.980	1.093	0.852	0.970	0.989	0.000				
OTU 240	1.059	1.053	0.714	1.267	1.011	0.911	0.000			
OTU 242	0.966	0.850	0.840	1.096	0.948	0.641	0.963	0.000		
OTU 245	0.917	0.964	0.861	1.023	0.666	0.996	1.200	0.880	0.000	
OTU 250	0.990	1.069	0.944	1.138	0.861	0.914	0.996	0.934	0.844	0.000
OTU 251	1.029	1.008	0.914	1.197	1.015	0.980	1.075	0.955	0.870	0.954
OTU 255	1.225	1.126	1.009	1.398	1.186	1.002	1.125	1.000	1.077	0.914
OTU 257	1.289	1.090	1.018	1.259	1.145	1.150	1.268	1.039	0.960	0.873
OTU 258	0.920	0.772	0.669	1.024	0.771	0.772	0.926	0.653	0.808	0.912
OTU 261	1.182	0.709	0.872	1.209	1.071	1.093	1.184	0.856	0.950	1.053
OTU 263	1.282	1.017	0.809	1.322	1.237	1.186	1.198	0.941	1.000	1.329
OTU 265	0.817	1.044	0.884	0.912	0.980	0.834	1.076	0.867	0.807	0.784
OTU 267	0.992	0.858	0.653	1.001	0.887	0.682	0.881	0.576	0.884	0.890
OTU 269	0.830	0.978	0.686	0.800	0.933	0.770	0.889	0.825	0.929	0.927
OTU 271	1.143	1.196	0.927	1.101	1.091	0.923	1.232	0.999	1.000	0.928
OTU 274	1.188	1.063	0.864	1.112	1.067	0.878	1.131	0.868	1.000	1.052
OTU 275	1.029	1.027	0.776	1.093	0.890	0.870	0.961	0.858	1.051	0.796
OTU 277	1.068	1.132	1.054	0.943	0.998	0.948	1.181	1.077	0.981	0.954
OTU 279	1.116	1.100	0.998	0.984	1.100	0.713	1.102	0.752	0.962	0.964
OTU 284	1.261	1.275	1.105	1.199	1.170	0.813	1.120	0.957	1.112	1.178
OTU 285	1.015	1.112	0.891	0.916	0.727	0.782	1.092	0.872	0.920	0.864
OTU 287	1.235	0.990	1.106	1.121	1.208	1.000	1.167	0.850	1.013	0.989
OTU 289	1.052	0.936	0.767	1.032	0.898	0.796	0.992	0.630	0.825	0.976
OTU 291	1.352	1.151	0.938	1.250	1.062	1.019	0.967	0.983	1.000	1.032
OTU 295	0.908	0.773	0.716	1.112	0.920	0.857	0.915	0.800	1.051	0.952
OTU 299	1.500	1.692	1.335	2.011	1.748	1.748	1.676	1.720	1.737	1.741
OTU 301	1.796	1.621	1.410	1.905	1.712	1.695	1.674	1.389	1.598	1.670
OTU 302	1.909	1.621	1.611	2.166	1.917	1.815	1.877	1.638	1.799	1.702
OTU 303	1.828	1.592	1.496	1.861	1.768	1.549	1.745	1.473	1.565	1.566
OTU 304	1.910	1.647	1.514	2.184	1.818	1.661	1.733	1.636	1.733	1.625
OTU 307	2.104	1.736	1.668	2.158	1.927	1.751	1.857	1.639	1.864	1.917
OTU 309	1.842	1.506	1.464	1.916	1.746	1.616	1.701	1.459	1.581	1.695
OTU 312	1.790	1.485	1.414	1.959	1.655	1.617	1.656	1.421	1.684	1.706
OTU 315	1.767	1.480	1.405	1.913	1.618	1.583	1.708	1.464	1.549	1.561
OTU 317	1.766	1.384	1.466	1.959	1.780	1.637	1.732	1.499	1.529	1.575
OTU 323	2.029	1.792	1.769	2.804	1.993	1.809	1.925	1.603	1.984	1.978
OTU 325	1.829	1.692	1.486	1.900	1.782	1.539	1.892	1.409	1.643	1.503
OTU 326	1.705	1.496	1.298	1.800	1.625	1.362	1.410	1.348	1.680	1.545
OTU 329	1.651	1.298	1.255	1.732	1.535	1.394	1.431	1.250	1.617	1.439
OTU 331	1.617	1.539	1.450	1.918	1.658	1.568	1.682	1.430	1.609	1.550
OTU 334	1.963	1.599	1.581	1.995	1.822	1.579	1.786	1.476	1.718	1.656
OTU 335	2.137	1.770	1.760	2.129	1.926	1.840	1.981	1.731	1.907	1.728
OTU 338	2.080	1.699	1.839	2.028	1.829	1.814	2.037	1.671	1.710	1.606

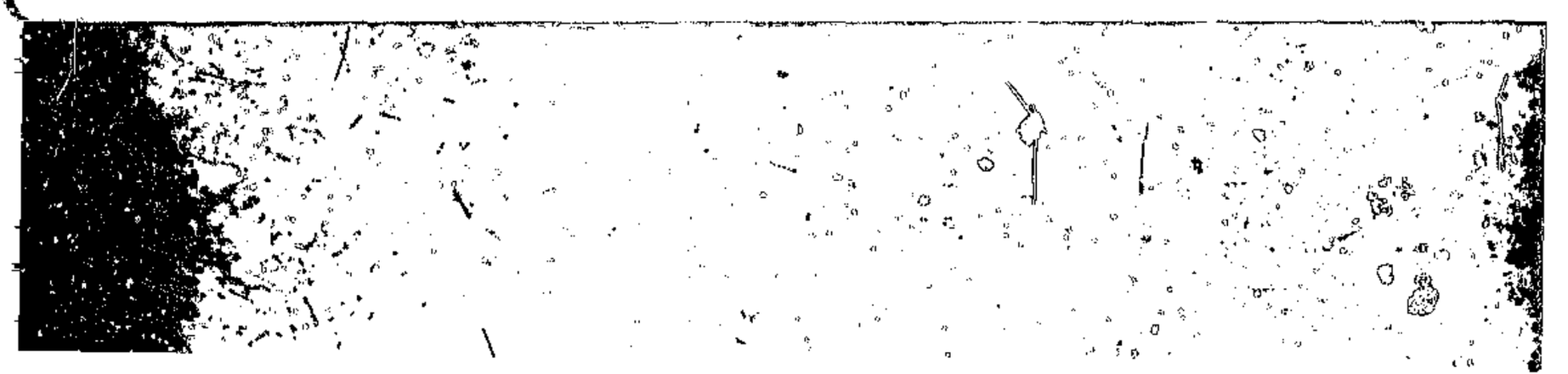




IDENTIFICATION:

COMPUTE DISTANCE

	OTU 253	OTU 255	OTU 257	OTU 258	OTU 261	OTU 263	OTU 265	OTU 267	OTU 269	OTU 271
OTU 253	0.000									
OTU 255	1.033	0.000								
OTU 257	0.864	1.084	0.000							
OTU 258	0.942	0.918	0.959	0.000						
OTU 261	1.011	0.763	0.875	0.633	0.000					
OTU 263	1.245	0.967	1.203	0.801	0.706	0.000				
OTU 265	0.687	1.068	0.986	0.811	0.905	1.209	0.000			
OTU 267	0.817	0.882	0.965	0.653	0.756	0.888	0.740	0.000		
OTU 269	0.893	1.134	1.085	0.754	0.900	1.073	0.620	0.565	0.000	
OTU 271	0.894	1.288	0.856	1.006	1.119	1.219	0.854	0.671	0.883	0.000
OTU 274	0.985	1.201	0.927	0.773	0.865	1.040	0.841	0.716	0.764	0.719
OTU 275	0.799	1.054	0.891	0.827	0.977	1.155	0.781	0.658	0.730	0.778
OTU 277	0.906	1.172	0.991	0.934	0.967	1.234	0.752	0.946	0.933	0.822
OTU 279	0.992	1.129	0.890	0.839	1.027	1.123	0.909	0.812	1.005	0.935
OTU 284	1.133	1.352	1.194	1.076	1.215	1.396	0.951	0.763	0.902	1.040
OTU 285	0.918	1.073	1.102	0.765	0.986	1.224	0.793	0.719	0.779	0.940
OTU 287	1.087	0.921	1.001	0.869	0.945	1.007	0.973	0.867	1.123	1.109
OTU 290	0.954	0.979	0.875	0.674	0.767	0.853	0.879	0.639	0.887	0.840
OTU 293	1.231	1.232	1.122	0.871	0.980	1.011	1.221	0.876	1.040	1.152
OTU 294	0.999	1.003	0.960	0.766	0.839	0.640	0.972	0.718	0.820	0.868
OTU 299	1.660	1.812	1.482	1.518	1.600	1.695	1.751	1.660	1.755	1.488
OTU 300	1.576	1.645	1.434	1.504	1.468	1.494	1.631	1.445	1.592	1.451
OTU 302	1.629	1.662	1.469	1.676	1.564	1.711	1.740	1.632	1.753	1.546
OTU 303	1.533	1.622	1.298	1.500	1.496	1.660	1.577	1.493	1.604	1.366
OTU 304	1.613	1.471	1.369	1.546	1.461	1.489	1.772	1.654	1.836	1.673
OTU 307	1.820	1.837	1.571	1.611	1.617	1.693	1.903	1.629	1.827	1.718
OTU 309	1.575	1.571	1.332	1.456	1.401	1.500	1.686	1.416	1.606	1.510
OTU 312	1.642	1.710	1.436	1.417	1.480	1.497	1.706	1.530	1.622	1.527
OTU 315	1.523	1.579	1.324	1.406	1.419	1.527	1.629	1.536	1.716	1.444
OTU 317	1.562	1.433	1.232	1.482	1.380	1.442	1.570	1.530	1.711	1.467
OTU 323	1.886	1.991	1.726	1.854	1.636	1.878	1.969	1.773	1.936	1.839
OTU 325	1.462	1.504	1.287	1.468	1.502	1.581	1.601	1.515	1.709	1.462
OTU 328	1.517	1.720	1.311	1.621	1.527	1.573	1.633	1.438	1.491	1.343
OTU 329	1.368	1.411	1.188	1.208	1.273	1.337	1.490	1.284	1.480	1.369
OTU 331	1.517	1.636	1.233	1.425	1.485	1.618	1.645	1.513	1.652	1.407
OTU 334	1.611	1.690	1.326	1.529	1.537	1.691	1.733	1.572	1.718	1.497
OTU 335	1.671	1.820	1.386	1.687	1.660	1.845	1.841	1.769	1.897	1.611
OTU 338	1.622	1.594	1.433	1.618	1.638	1.817	1.788	1.780	1.958	1.694

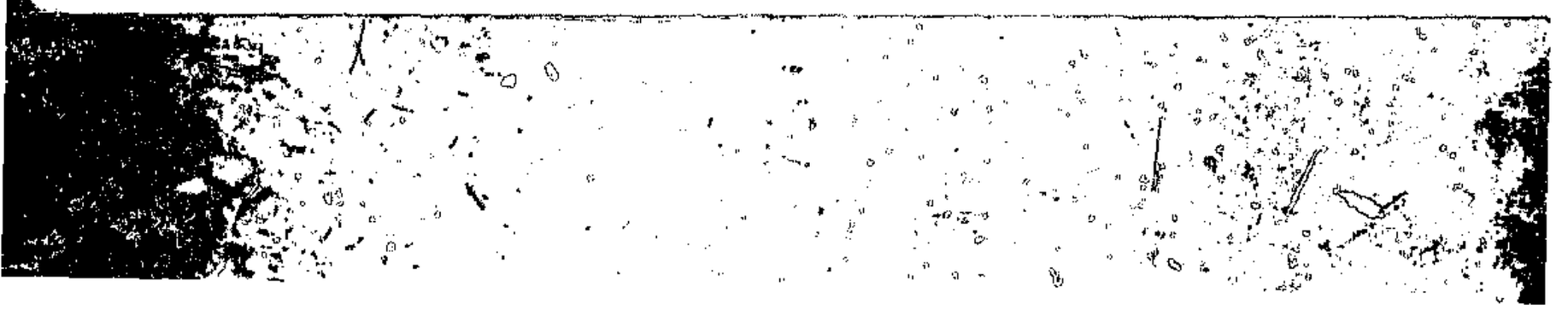




IDENTIFICATION:

COMPUTE DISTANCE

	OTU 274	OTU 275	OTU 277	OTU 279	OTU 284	OTU 285	OTU 287	OTU 290	OTU 293	OTU 294
OTU 274	0.000									
OTU 275	0.753	0.000								
OTU 277	0.922	0.939	0.000							
OTU 279	0.851	0.934	0.975	0.000						
OTU 284	0.928	0.919	1.094	0.999	0.000					
OTU 285	0.964	0.846	0.752	1.011	0.948	0.000				
OTU 287	1.083	1.077	1.114	0.773	1.194	1.143	0.000			
OTU 290	0.675	0.661	0.853	0.708	0.880	0.822	0.891	0.000		
OTU 293	0.895	1.000	1.243	1.009	1.123	1.045	1.166	0.771	0.000	
OTU 294	0.846	0.841	1.068	0.547	1.087	0.983	0.965	0.736	0.783	0.000
OTU 299	1.293	1.600	1.665	1.594	1.805	1.722	1.771	1.393	1.435	1.619
OTU 300	1.226	1.456	1.667	1.443	1.578	1.761	1.625	1.192	1.378	1.394
OTU 302	1.436	1.645	1.838	1.754	1.826	1.840	1.746	1.505	1.635	1.565
OTU 303	1.277	1.562	1.627	1.440	1.543	1.580	1.532	1.243	1.407	1.477
OTU 304	1.600	1.673	1.891	1.633	1.937	1.884	1.548	1.476	1.547	1.505
OTU 307	1.398	1.675	1.909	1.676	1.654	1.835	1.702	1.426	1.409	1.634
OTU 309	1.280	1.522	1.698	1.477	1.608	1.647	1.571	1.255	1.272	1.418
OTU 312	1.339	1.549	1.770	1.560	1.702	1.699	1.687	1.260	1.296	1.408
OTU 315	1.338	1.551	1.626	1.431	1.708	1.644	1.555	1.204	1.352	1.423
OTU 317	1.403	1.605	1.671	1.311	1.731	1.771	1.289	1.266	1.496	1.337
OTU 323	1.638	1.820	1.980	1.718	1.878	2.036	1.916	1.579	1.642	1.724
OTU 325	1.390	1.534	1.693	1.377	1.687	1.664	1.379	1.303	1.421	1.450
OTU 328	1.274	1.461	1.705	1.405	1.604	1.640	1.621	1.246	1.248	1.253
OTU 329	1.161	1.353	1.500	1.286	1.472	1.402	1.375	1.007	1.104	1.263
OTU 331	1.244	1.473	1.636	1.428	1.683	1.626	1.576	1.257	1.332	1.482
OTU 334	1.345	1.576	1.733	1.526	1.668	1.687	1.667	1.309	1.407	1.539
OTU 335	1.555	1.691	1.862	1.714	1.910	1.793	1.792	1.580	1.553	1.711
OTU 338	1.697	1.731	1.752	1.637	1.984	1.717	1.645	1.562	1.730	1.761

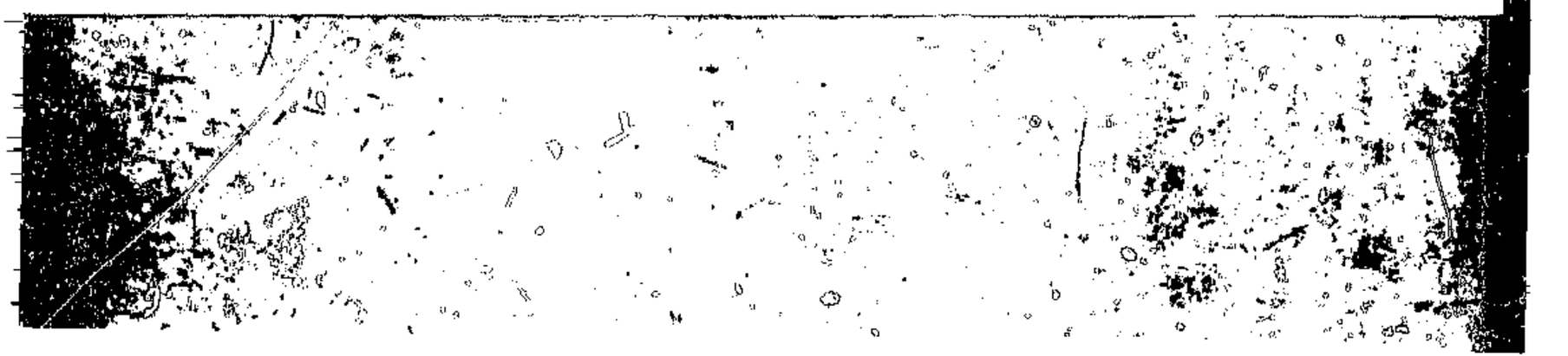




IDENTIFICATION:

COMPUTE DISTANCE

	OTU 299	OTU 300	OTU 302	OTU 303	OTU 304	OTU 307	OTU 309	OTU 312	OTU 315	OTU 317
OTU 299	0.000									
OTU 300	1.104	0.000								
OTU 302	1.203	1.099	0.000							
OTU 303	1.043	1.107	0.901	0.000						
OTU 304	1.337	1.465	1.161	1.339	0.000					
OTU 307	1.079	1.144	1.092	1.038	1.319	0.000				
OTU 309	1.029	1.036	0.894	0.839	1.190	0.781	0.000			
OTU 312	1.103	0.971	1.013	1.011	1.114	0.932	0.875	0.000		
OTU 315	0.994	0.986	1.120	0.864	1.262	1.207	1.002	0.977	0.000	
OTU 317	1.327	1.164	1.127	1.042	0.940	1.357	1.119	1.157	1.060	0.000
OTU 323	1.635	1.628	1.390	1.434	1.827	1.483	1.333	1.246	1.440	1.481
OTU 325	1.126	1.182	0.8[illegible]	0.838	0.932	1.040	0.920	0.994	1.037	0.843
OTU 328	1.357	1.082	1.20[illegible]	1.131	1.489	1.305	1.217	0.953	1.281	1.337
OTU 329	1.012	1.022	0.99[illegible]	0.873	1.123	0.895	0.780	0.796	0.943	1.045
OTU 331	0.853	1.022	0.86[illegible]	0.796	1.131	0.898	0.755	0.752	0.935	1.100
OTU 334	1.075	0.980	0.838	0.625	1.314	0.849	0.798	0.796	0.907	1.172
OTU 335	1.127	1.407	1.025	0.846	1.294	1.092	1.081	1.087	1.018	1.336
OTU 338	1.443	1.579	1.344	1.214	1.415	1.540	1.320	1.421	1.097	1.374





IDENTIFICATION:

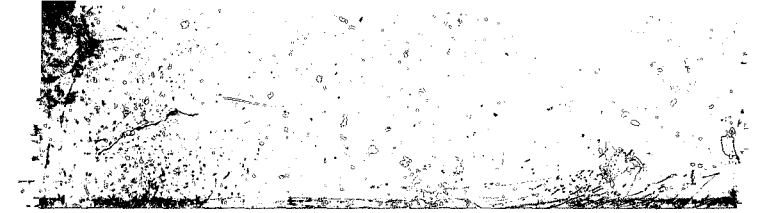
COMPUTE DISTANCE

	OTU 323	OTU 325	OTU 328	OTU 329	OTU 331	OTU 334	OTU 335	OTU 338
OTU 323	0.000							
OTU 325	1.391	0.000						
OTU 328	1.247	1.131	0.000					
OTU 329	1.318	0.811	1.008	0.000				
OTU 331	1.213	0.661	0.960	0.676	0.000			
OTU 334	1.275	0.788	0.908	0.781	0.578	0.000		
OTU 335	1.658	0.869	1.273	1.039	0.820	0.727	0.000	
OTU 338	1.906	1.080	1.643	1.157	1.150	1.121	0.945	0.000



APPENDIX IIE

Matrix of Correlation Values for
138 Male OTUs

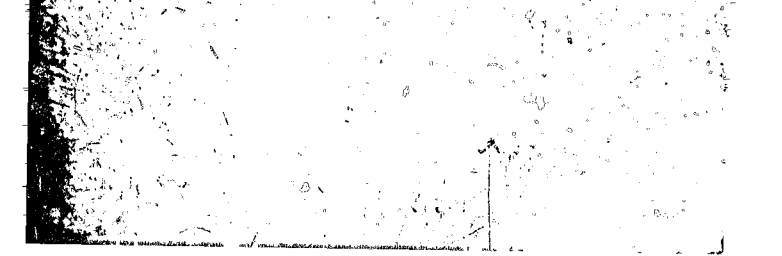


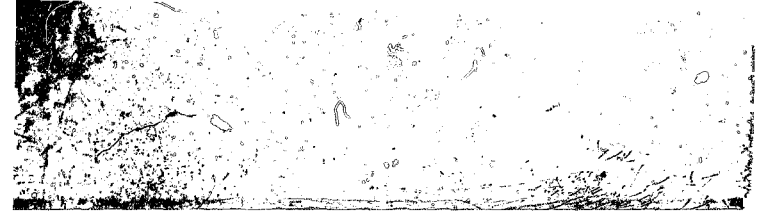
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 040	1.000									
OTU 041	0.668	1.000								
OTU 044	0.563	0.501	1.000							
OTU 048	0.324	0.258	0.571	1.000						
OTU 055	0.197	0.207	0.403	0.417	1.000					
OTU 056	0.640	0.429	0.464	0.416	0.512	1.000				
OTU 062	-0.068	0.029	0.214	0.319	0.300	0.193	1.000			
OTU 063	0.281	0.103	0.221	0.388	0.162	0.283	0.454	1.000		
OTU 065	-0.301	0.132	-0.138	0.316	0.019	0.014	0.392	0.019	1.000	
OTU 069	0.176	0.102	-0.161	0.093	-0.193	-0.053	0.011	0.256	0.017	1.000
OTU 072	0.231	0.316	0.249	0.171	0.079	0.272	0.177	0.351	0.148	0.185
OTU 073	0.198	0.342	0.119	0.013	-0.142	-0.073	0.239	0.173	0.144	0.435
OTU 076	0.009	0.083	-0.109	0.092	-0.151	-0.101	0.184	0.232	0.473	0.493
OTU 075	-0.152	0.071	-0.062	-0.119	0.058	0.001	0.221	0.293	0.308	0.236
OTU 079	-0.097	-0.175	-0.336	-0.031	-0.180	0.161	0.020	0.264	0.159	0.310
OTU 081	0.291	0.380	-0.035	-0.048	-0.217	0.169	-0.055	0.269	0.228	0.336
OTU 082	-0.126	-0.002	-0.171	0.096	0.155	0.114	0.193	0.219	0.260	0.061
OTU 086	0.263	0.095	0.132	0.359	-0.033	0.160	0.353	0.335	-0.007	0.409
OTU 087	0.452	0.294	0.342	0.218	0.175	0.515	0.143	0.298	0.122	0.202
OTU 089	0.191	-0.166	0.017	0.235	-0.110	0.189	0.189	0.222	-0.081	0.185
OTU 092	0.057	0.059	-0.021	0.300	-0.024	0.105	-0.177	0.282	0.049	0.261
OTU 093	0.090	0.016	-0.067	0.065	0.113	0.169	-0.130	0.082	-0.105	-0.033
OTU 096	-0.211	-0.055	-0.165	-0.182	0.007	-0.156	-0.055	-0.061	0.137	0.022
OTU 098	-0.079	0.109	-0.213	0.176	-0.223	-0.140	-0.140	-0.142	0.001	0.239
OTU 099	-0.042	-0.340	-0.208	0.278	0.199	0.447	-0.211	0.284	0.167	0.066
OTU 101	-0.232	-0.042	-0.025	-0.039	-0.008	-0.010	-0.015	-0.162	0.096	-0.181
OTU 103	-0.230	-0.182	-0.060	0.100	-0.060	-0.010	0.216	0.136	0.391	0.103
OTU 105	0.078	0.125	0.079	0.368	0.261	0.110	0.269	0.196	0.008	0.167
OTU 107	0.377	0.093	0.398	0.573	0.329	0.367	0.238	0.298	0.011	-0.019
OTU 109	0.544	0.190	0.114	0.406	0.176	0.428	0.117	0.284	-0.119	-0.090
OTU 111	0.161	-0.253	0.050	0.112	-0.115	0.092	-0.050	-0.065	-0.163	-0.328
OTU 113	0.032	-0.250	0.034	0.392	0.103	0.467	0.378	0.256	0.076	-0.088
OTU 117	0.385	-0.036	0.129	0.618	0.155	0.595	0.080	0.125	-0.034	0.021
OTU 118	0.029	-0.187	0.095	0.342	0.030	0.093	0.070	0.097	0.048	0.016
OTU 120	-0.035	0.096	-0.062	-0.137	0.040	0.122	-0.055	-0.164	0.013	-0.057
OTU 121	0.092	0.008	-0.065	-0.055	-0.034	0.039	0.038	0.110	0.120	-0.058
OTU 123	-0.167	-0.114	-0.135	0.046	0.062	0.031	-0.027	-0.092	-0.016	0.062
OTU 124	-0.280	-0.227	-0.214	-0.118	-0.096	-0.167	-0.036	-0.199	0.043	-0.066
OTU 126	-0.438	-0.171	-0.409	-0.248	-0.311	-0.329	0.075	0.051	0.045	0.204
OTU 128	-0.303	-0.393	-0.087	0.199	0.128	-0.199	0.280	0.089	0.349	-0.088
OTU 131	-0.073	-0.188	0.083	0.213	0.175	0.237	0.090	0.016	0.231	-0.378
OTU 133	-0.200	-0.380	-0.099	0.081	0.063	-0.164	-0.126	0.026	-0.036	-0.010
OTU 134	-0.105	-0.241	0.176	0.275	0.331	0.028	0.256	0.106	0.181	-0.210
OTU 137	0.049	0.028	0.165	0.312	0.324	0.490	0.199	0.216	0.052	-0.087
OTU 139	-0.185	-0.009	0.081	0.083	0.178	-0.042	0.208	0.174	0.234	-0.218
OTU 141	0.107	0.127	0.063	0.327	-0.191	0.021	0.087	0.113	0.087	0.007
OTU 142	0.013	0.164	0.064	-0.006	0.300	0.109	0.355	0.096	0.076	0.072
OTU 145	-0.181	-0.348	0.039	0.011	0.015	-0.069	0.176	0.116	0.039	-0.305
OTU 146	0.186	0.019	0.091	0.062	0.059	0.181	0.185	0.086	-0.099	-0.019
OTU 148	-0.421	-0.456	-0.275	0.063	0.093	-0.126	0.290	0.066	0.261	0.018

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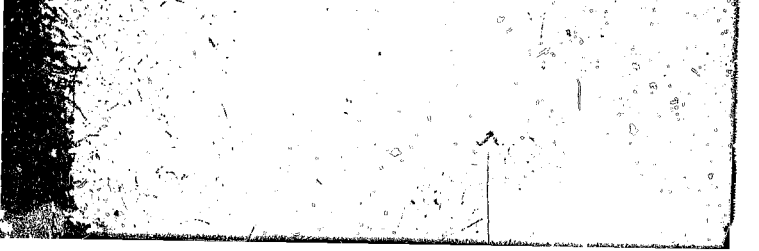


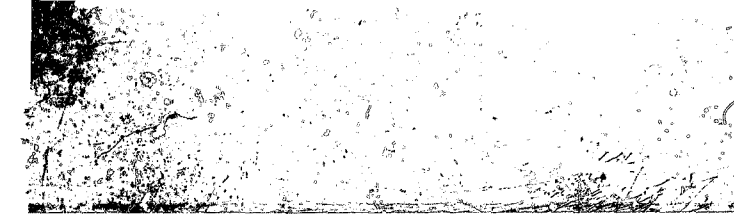
CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 060	OTU 061	OTU 064	OTU 068	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 150	0.529	0.022	0.027	-0.035	-0.072	0.100	-0.153	0.052	-0.198	0.968
OTU 154	-0.440	-0.283	0.043	0.070	0.178	-0.382	0.167	0.044	0.276	-0.068
OTU 156	-0.198	-0.236	0.070	-0.080	0.088	-0.168	0.147	-0.179	0.181	-0.339
OTU 157	-0.081	-0.136	0.028	0.127	0.037	-0.131	0.125	-0.084	-0.091	0.147
OTU 160	-0.251	-0.100	-0.001	0.037	0.135	-0.107	0.046	-0.108	0.113	-0.113
OTU 161	-0.232	-0.216	-0.058	0.058	0.305	-0.038	0.139	0.163	0.218	-0.062
OTU 163	0.002	0.134	-0.090	0.102	0.019	-0.073	0.026	0.166	0.151	-0.063
OTU 168	-0.309	0.083	-0.140	-0.127	-0.082	-0.089	0.028	-0.129	0.133	0.091
OTU 169	-0.304	-0.235	-0.048	0.004	0.126	-0.136	0.187	0.111	0.269	-0.096
OTU 170	-0.252	-0.072	0.084	0.239	0.090	-0.114	0.195	0.001	0.509	-0.314
OTU 172	-0.153	-0.091	0.068	-0.065	-0.081	0.018	-0.073	-0.027	-0.157	0.188
OTU 173	0.209	0.090	0.069	-0.229	-0.171	-0.194	-0.381	-0.266	-0.221	0.189
OTU 174	-0.067	-0.053	-0.157	-0.295	-0.314	-0.138	-0.248	-0.208	0.017	0.102
OTU 175	-0.087	-0.043	0.061	-0.050	0.006	-0.398	-0.168	-0.220	-0.177	-0.017
OTU 176	-0.100	-0.311	-0.455	-0.290	-0.081	0.040	-0.209	-0.146	-0.063	0.057
OTU 178	0.200	-0.133	0.170	-0.011	0.125	0.291	-0.078	0.100	0.057	0.472
OTU 179	-0.021	0.314	-0.125	-0.147	-0.020	-0.195	-0.189	-0.093	0.030	0.200
OTU 180	0.291	0.031	-0.078	0.100	-0.199	0.327	-0.025	0.130	-0.020	0.081
OTU 184	-0.368	-0.236	-0.211	0.047	0.082	-0.193	0.220	0.207	0.185	0.166
OTU 185	0.036	0.060	-0.083	-0.181	-0.274	-0.054	0.045	0.068	0.180	-0.073
OTU 188	-0.165	-0.113	-0.101	-0.037	-0.192	-0.160	0.019	0.014	-0.003	-0.090
OTU 190	-0.170	-0.199	0.099	0.022	0.072	-0.207	0.077	-0.099	0.357	-0.205
OTU 192	-0.234	0.093	-0.261	-0.282	-0.248	-0.211	-0.034	-0.249	0.206	0.025
OTU 193	-0.071	-0.092	0.096	-0.096	0.126	0.168	0.164	0.008	0.187	-0.273
OTU 195	-0.193	-0.329	-0.251	-0.012	-0.153	-0.134	-0.118	-0.054	-0.183	-0.058
OTU 198	-0.004	-0.518	-0.157	0.033	0.218	0.274	0.094	0.198	-0.306	-0.219
OTU 201	-0.095	-0.029	0.057	0.098	0.073	0.108	-0.035	0.060	0.174	-0.312
OTU 202	-0.211	-0.088	0.062	-0.012	-0.150	-0.110	0.066	0.153	0.126	-0.202
OTU 204	-0.269	-0.450	-0.206	0.115	0.277	0.027	0.196	0.108	0.026	-0.195
OTU 205	0.011	0.120	-0.018	-0.211	-0.206	0.060	-0.166	0.051	0.291	-0.168
OTU 207	-0.072	-0.228	0.048	-0.008	0.029	0.004	0.135	-0.003	-0.011	-0.468
OTU 208	0.016	-0.339	-0.291	-0.383	-0.018	0.043	-0.314	-0.069	-0.247	-0.102
OTU 210	0.180	-0.193	-0.153	-0.113	0.181	0.041	-0.260	0.242	-0.290	-0.079
OTU 214	-0.647	-0.929	-0.918	-0.198	-0.302	-0.487	-0.169	-0.366	-0.015	0.181
OTU 215	0.011	-0.140	-0.127	0.111	0.093	-0.292	-0.076	0.094	-0.204	0.193
OTU 217	0.096	0.093	-0.093	-0.398	-0.277	-0.193	-0.342	-0.274	-0.162	0.187
OTU 218	0.059	0.011	-0.139	0.181	0.158	-0.171	-0.270	-0.259	-0.199	0.232
OTU 222	0.037	-0.098	0.081	0.101	0.035	0.049	-0.021	-0.046	0.129	-0.057
OTU 223	-0.032	-0.003	0.095	0.101	0.124	0.033	-0.078	0.253	-0.253	0.113
OTU 224	-0.341	-0.430	-0.218	-0.040	-0.062	-0.226	0.003	-0.066	0.144	0.120
OTU 226	0.095	-0.152	0.044	0.122	0.068	0.251	0.067	-0.006	0.035	-0.228
OTU 228	0.303	0.301	0.332	0.065	0.002	0.173	-0.061	-0.208	-0.046	-0.336
OTU 232	0.008	-0.001	0.167	0.063	0.016	0.050	0.175	-0.015	-0.032	-0.529
OTU 233	-0.197	-0.159	0.098	0.082	-0.060	-0.214	-0.042	0.083	0.070	-0.160
OTU 237	-0.199	-0.127	0.053	0.010	0.091	-0.096	-0.018	-0.097	0.157	-0.399
OTU 238	-0.327	-0.276	-0.117	-0.182	0.093	-0.177	0.209	-0.090	-0.063	-0.269
OTU 240	0.039	-0.159	-0.102	0.199	0.042	-0.096	-0.105	0.101	-0.176	-0.282
OTU 242	-0.013	-0.058	-0.060	-0.205	0.029	-0.061	-0.142	-0.183	-0.262	-0.190
OTU 245	0.063	0.092	0.043	0.043	-0.138	0.107	-0.167	-0.356	0.094	-0.173
OTU 250	0.240	0.226	0.151	-0.090	0.044	0.054	-0.101	-0.017	0.005	-0.070

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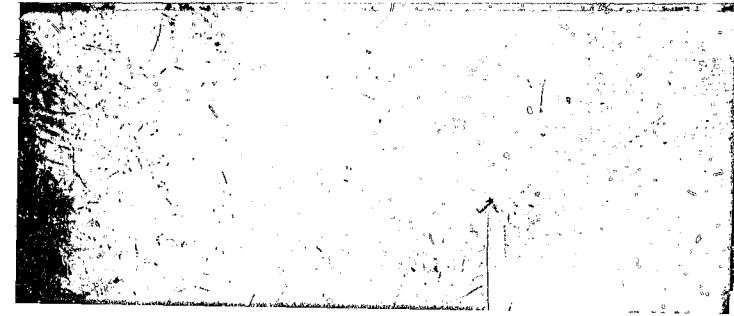


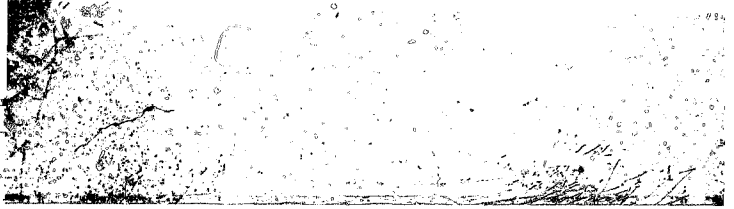


CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 253	0.179	0.262	0.142	-0.003	-0.071	0.069	-0.060	-0.035	0.124	-0.094
OTU 255	0.213	0.366	0.131	-0.130	-0.161	-0.007	-0.152	-0.306	-0.096	-0.175
OTU 257	0.206	0.199	-0.010	-0.030	-0.485	-0.116	-0.018	0.273	-0.083	0.271
OTU 258	-0.088	-0.055	0.094	-0.033	-0.090	-0.117	-0.031	-0.195	-0.162	-0.381
OTU 261	0.088	0.264	0.330	0.059	-0.124	-0.012	-0.038	-0.163	-0.094	-0.345
OTU 263	0.089	0.089	0.168	-0.004	0.017	0.079	-0.086	-0.127	-0.228	-0.337
OTU 265	0.109	0.119	0.291	0.075	0.025	0.007	-0.064	-0.059	-0.064	-0.152
OTU 267	-0.032	0.071	0.138	-0.067	-0.012	-0.098	-0.044	-0.110	-0.206	-0.378
OTU 269	0.007	0.096	0.393	0.217	0.196	0.076	-0.010	0.036	-0.089	-0.413
OTU 271	0.094	0.050	0.102	-0.152	0.015	-0.058	0.096	0.148	-0.061	-0.025
OTU 274	-0.153	-0.063	0.216	-0.076	-0.096	-0.224	-0.089	0.004	-0.185	-0.150
OTU 275	0.040	0.102	0.297	-0.139	-0.256	-0.166	0.134	0.090	0.039	-0.137
OTU 277	-0.135	0.086	0.095	-0.056	-0.132	-0.098	0.132	-0.198	-0.277	-0.099
OTU 279	-0.110	-0.250	-0.142	-0.266	-0.220	-0.184	-0.100	0.048	-0.168	0.167
OTU 284	-0.280	-0.195	-0.052	0.015	0.048	-0.105	0.159	-0.039	-0.087	-0.085
OTU 285	-0.300	0.120	0.026	-0.025	0.119	-0.286	0.173	-0.067	0.234	0.181
OTU 287	0.307	-0.096	-0.032	-0.259	-0.151	-0.046	-0.206	-0.066	-0.484	0.048
OTU 290	-0.317	-0.202	-0.093	-0.086	-0.066	-0.284	0.197	-0.284	0.083	-0.251
OTU 293	-0.284	-0.264	0.010	0.090	-0.010	-0.303	0.139	0.176	-0.230	-0.249
OTU 294	0.050	-0.092	0.108	-0.096	0.181	0.206	0.070	0.008	-0.216	-0.321
OTU 299	-0.406	-0.084	-0.146	-0.405	-0.164	-0.401	-0.212	-0.272	-0.022	0.036
OTU 300	-0.227	-0.174	-0.065	-0.299	-0.148	-0.150	-0.238	-0.296	-0.030	-0.162
OTU 302	0.098	0.174	-0.096	-0.299	-0.003	-0.053	-0.322	-0.289	-0.379	0.164
OTU 303	-0.092	0.004	-0.202	-0.168	-0.011	-0.261	-0.186	-0.191	-0.212	-0.287
OTU 304	0.422	0.303	-0.067	-0.283	-0.102	0.161	-0.296	0.063	-0.471	0.227
OTU 307	-0.215	-0.130	-0.267	-0.222	-0.154	-0.269	-0.106	-0.186	-0.239	0.217
OTU 309	-0.190	-0.044	-0.350	-0.162	-0.323	-0.268	-0.399	-0.281	-0.299	0.110
OTU 312	0.027	0.011	-0.031	-0.122	-0.053	-0.024	0.193	-0.052	-0.168	0.073
OTU 315	-0.255	-0.122	-0.268	-0.424	-0.137	-0.299	-0.398	-0.175	-0.155	-0.192
OTU 317	0.261	0.049	-0.106	-0.255	-0.187	0.079	-0.279	-0.107	-0.356	0.281
OTU 323	-0.132	-0.204	-0.209	-0.526	-0.168	-0.078	-0.235	-0.107	-0.087	0.071
OTU 325	0.071	0.026	-0.359	-0.470	-0.206	-0.263	-0.312	-0.143	-0.466	0.427
OTU 328	-0.066	-0.234	-0.040	-0.040	0.009	-0.147	0.180	0.121	-0.108	0.068
OTU 329	-0.218	-0.253	-0.395	-0.293	-0.185	-0.477	-0.243	-0.267	-0.148	0.316
OTU 331	-0.151	-0.084	-0.373	-0.459	-0.330	-0.408	-0.422	-0.220	-0.241	0.327
OTU 334	-0.177	0.016	-0.246	-0.278	-0.166	-0.343	-0.134	-0.169	-0.115	0.285
OTU 335	-0.059	0.193	-0.169	-0.264	-0.178	-0.379	-0.218	0.086	-0.220	0.383
OTU 338	-0.078	0.169	-0.324	-0.197	-0.313	-0.436	-0.448	-0.265	-0.104	0.329



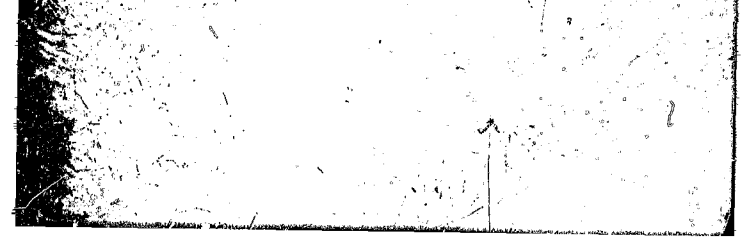


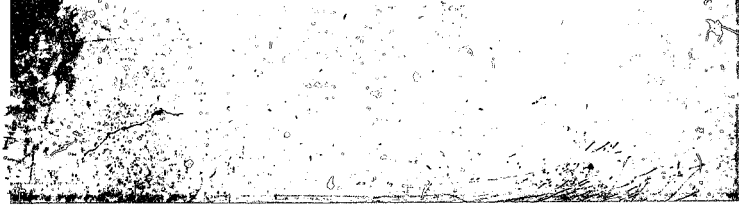
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 072	1.000									
OTU 073	0.182	1.000								
OTU 074	0.136	0.259	1.000							
OTU 075	0.379	0.347	0.334	1.000						
OTU 079	0.004	0.123	0.383	0.433	1.000					
OTU 081	0.351	0.256	0.488	0.333	0.293	1.000				
OTU 082	0.491	0.020	0.254	0.289	0.126	0.309	1.000			
OTU 084	0.171	0.149	0.167	0.177	0.135	0.096	-0.147	1.000		
OTU 087	0.508	0.390	0.085	0.270	0.308	0.285	0.191	0.382	1.000	
OTU 089	-0.003	-0.081	0.050	-0.014	0.382	0.008	-0.489	0.111	0.083	1.000
OTU 092	0.439	0.341	0.052	0.158	0.179	0.265	0.348	0.393	0.392	0.066
OTU 095	-0.109	-0.377	0.121	0.028	0.121	0.204	-0.031	-0.179	-0.156	0.044
OTU 096	-0.215	-0.240	0.237	0.067	0.067	0.149	-0.005	-0.046	-0.266	-0.133
OTU 098	-0.133	-0.050	0.132	-0.006	0.049	0.108	-0.184	-0.171	-0.463	0.012
OTU 099	0.109	-0.199	0.130	0.121	0.200	0.016	0.349	-0.257	0.357	0.178
OTU 101	-0.334	-0.268	0.164	-0.096	0.060	0.092	-0.123	-0.144	-0.290	0.050
OTU 103	0.269	0.124	0.120	0.244	0.137	0.089	0.230	0.230	0.155	0.084
OTU 105	0.024	0.226	-0.063	0.243	-0.089	-0.007	-0.195	0.143	-0.026	0.150
OTU 107	0.076	0.024	0.040	-0.003	-0.005	0.073	-0.036	0.218	0.253	0.319
OTU 109	0.124	0.105	-0.109	-0.025	-0.046	0.139	0.039	0.243	0.389	0.301
OTU 111	-0.092	-0.257	0.089	-0.183	-0.026	-0.173	0.085	-0.072	0.110	0.061
OTU 113	-0.063	-0.093	-0.003	0.060	0.253	-0.157	0.255	0.348	0.293	0.118
OTU 117	0.079	-0.061	-0.022	-0.127	0.160	0.110	-0.050	0.317	0.450	0.481
OTU 118	0.040	0.079	0.005	0.096	0.078	-0.020	-0.047	0.243	0.361	0.101
OTU 120	0.290	0.210	0.062	0.336	0.077	0.056	0.265	0.314	0.268	0.178
OTU 121	-0.414	-0.083	0.137	-0.026	0.143	0.078	-0.310	-0.032	-0.197	0.236
OTU 122	-0.329	-0.431	-0.084	-0.206	0.095	-0.111	-0.320	-0.204	-0.470	0.273
OTU 124	-0.312	-0.313	0.106	0.005	0.193	-0.043	-0.161	-0.125	-0.278	0.183
OTU 126	-0.257	-0.071	0.083	0.184	0.205	-0.206	-0.052	-0.035	-0.460	-0.009
OTU 128	0.134	-0.158	0.025	0.013	-0.000	-0.173	0.173	-0.146	-0.127	-0.061
OTU 131	0.158	-0.266	-0.196	0.120	0.243	-0.209	-0.230	-0.027	-0.420	0.083
OTU 133	0.277	-0.140	0.058	0.009	0.126	-0.129	-0.213	0.297	-0.257	0.209
OTU 134	0.092	-0.028	-0.045	-0.115	-0.275	-0.156	0.076	0.070	0.035	-0.187
OTU 137	0.238	0.047	-0.096	0.313	0.086	0.008	0.140	0.259	0.319	0.160
OTU 139	0.202	0.117	0.028	0.138	-0.215	0.079	0.302	0.064	0.075	-0.408
OTU 141	0.215	0.196	0.288	0.205	-0.121	0.062	0.023	0.114	0.153	-0.006
OTU 142	0.265	0.152	0.133	0.384	-0.123	0.068	0.189	0.186	0.107	-0.114
OTU 143	0.268	0.056	-0.186	0.089	-0.278	-0.007	0.358	-0.078	0.208	-0.154
OTU 146	-0.055	0.029	-0.189	0.101	0.311	-0.094	-0.168	0.178	0.312	0.461
OTU 148	0.145	-0.171	0.210	0.118	0.203	-0.151	-0.436	-0.110	-0.142	-0.157
OTU 150	0.039	0.372	-0.010	-0.077	-0.084	0.366	-0.015	0.315	0.230	0.051
OTU 154	-0.105	-0.083	0.119	0.174	-0.157	-0.138	-0.089	-0.153	-0.323	-0.208
OTU 156	0.129	0.125	-0.022	-0.041	-0.286	-0.205	0.317	-0.081	0.171	-0.275
OTU 157	-0.253	0.159	0.226	0.069	-0.141	-0.290	-0.121	0.022	-0.096	0.162
OTU 160	0.098	0.136	-0.113	0.188	-0.113	-0.191	0.079	0.043	0.114	-0.201
OTU 161	0.102	-0.041	0.224	0.380	0.092	-0.119	0.287	0.048	0.093	-0.148
OTU 163	0.239	0.096	0.057	0.015	-0.151	0.365	0.498	0.036	0.151	-0.216
OTU 168	0.180	0.332	0.184	0.159	-0.225	0.134	0.295	-0.131	-0.170	-0.459
OTU 169	0.170	0.021	-0.058	0.062	-0.138	-0.207	0.267	-0.076	0.135	-0.377
OTU 170	0.206	-0.210	0.156	-0.065	-0.210	0.030	0.316	-0.247	0.087	-0.173

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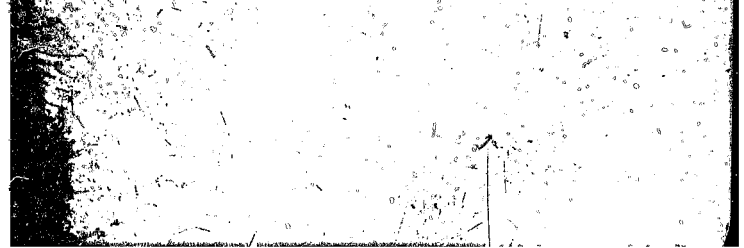


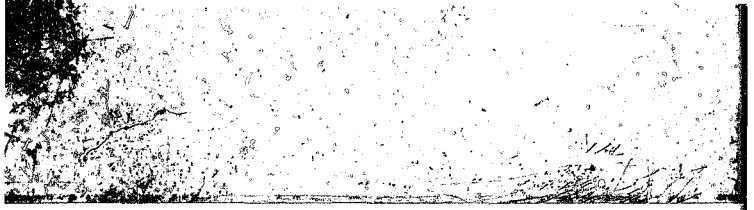


COMPUTE CORRELATIONS

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 086	OTU 087	OTU 089
OTU 172	-0.363	-0.029	0.136	-0.170	0.036	0.060	-0.511	0.090	-0.043	0.089
OTU 173	-0.172	0.085	-0.073	-0.071	-0.116	0.085	-0.558	0.053	-0.190	0.156
OTU 174	-0.312	-0.099	0.199	0.085	0.038	-0.018	-0.470	-0.152	-0.205	0.071
OTU 175	-0.290	-0.159	0.145	-0.085	-0.291	-0.248	-0.378	-0.262	-0.347	0.326
OTU 176	-0.409	-0.431	0.198	0.007	0.332	0.036	-0.007	-0.240	-0.354	0.318
OTU 178	-0.069	-0.329	-0.169	-0.055	-0.104	0.017	0.034	-0.261	0.066	-0.072
OTU 179	0.011	0.126	0.081	0.114	-0.132	0.273	0.250	-0.166	-0.092	-0.339
OTU 180	0.814	0.091	-0.170	-0.065	0.210	0.093	-0.162	0.281	0.189	0.521
OTU 184	0.065	-0.169	0.176	0.278	0.142	-0.152	0.297	-0.144	-0.253	-0.080
OTU 185	0.269	0.090	0.157	-0.108	0.033	0.254	0.413	0.095	0.214	-0.210
OTU 188	0.277	-0.040	-0.103	0.017	-0.126	-0.018	0.162	0.060	0.008	-0.176
OTU 190	0.085	0.016	0.248	0.124	-0.160	-0.141	0.131	-0.259	0.051	-0.038
OTU 192	0.075	0.135	0.161	0.107	0.009	0.118	0.338	-0.150	0.022	-0.389
OTU 193	0.225	-0.157	-0.109	-0.053	-0.230	0.025	0.507	-0.349	0.239	-0.250
OTU 195	-0.132	-0.134	-0.121	-0.211	0.158	-0.180	-0.01	0.009	-0.053	-0.176
OTU 198	-0.050	-0.353	-0.193	-0.180	0.158	-0.223	0.157	0.093	0.008	-0.229
OTU 201	0.252	-0.134	-0.245	-0.045	-0.146	-0.083	0.301	-0.277	0.088	-0.308
OTU 203	0.179	-0.078	0.030	-0.263	-0.111	0.012	0.162	0.221	0.049	-0.017
OTU 204	-0.107	0.345	-0.143	-0.161	0.223	-0.454	0.185	0.199	-0.063	0.096
OTU 205	0.264	0.015	0.061	0.085	0.021	0.230	0.306	-0.126	0.176	-0.330
OTU 207	0.091	0.336	-0.297	-0.321	-0.273	0.193	0.158	-0.260	-0.067	-0.039
OTU 208	0.037	-0.430	-0.280	-0.099	0.004	0.047	0.354	-0.406	-0.078	-0.126
OTU 210	-0.203	-0.382	0.096	-0.420	-0.139	-0.008	0.058	-0.382	-0.217	-0.006
OTU 214	-0.404	-0.163	-0.056	-0.250	0.036	-0.276	-0.344	-0.238	-0.367	-0.016
OTU 215	-0.119	-0.190	0.047	-0.422	-0.011	-0.195	-0.258	0.021	-0.376	0.165
OTU 217	-0.252	-0.022	0.043	-0.044	0.162	-0.029	-0.333	-0.018	-0.153	0.869
OTU 219	-0.352	0.114	0.041	-0.190	0.117	-0.143	-0.449	0.068	-0.389	0.282
OTU 222	0.158	0.144	0.029	0.053	-0.102	0.161	0.180	-0.093	0.215	-0.229
OTU 223	0.868	0.022	0.100	0.098	-0.270	0.102	0.650	-0.190	0.105	0.435
OTU 224	0.058	-0.048	0.012	-0.054	0.007	-0.167	0.190	-0.017	-0.088	0.058
OTU 225	0.161	0.118	-0.238	0.163	-0.052	-0.026	0.183	-0.001	0.266	0.042
OTU 228	-0.023	-0.095	-0.232	-0.166	-0.236	-0.040	-0.131	-0.179	0.124	0.169
OTU 232	0.069	-0.194	-0.172	-0.130	-0.272	-0.184	0.005	-0.073	0.078	0.030
OTU 233	0.206	0.056	-0.155	-0.103	-0.290	-0.090	0.199	-0.015	0.199	-0.126
OTU 234	0.030	-0.117	-0.323	0.048	-0.282	-0.087	0.230	-0.269	-0.052	-0.317
OTU 238	0.206	0.122	-0.233	0.143	-0.155	-0.100	0.298	-0.149	0.005	0.095
OTU 240	0.155	-0.184	-0.324	-0.203	-0.277	-0.120	0.098	-0.181	-0.030	0.062
OTU 242	0.216	0.113	0.252	-0.136	-0.197	-0.215	0.059	-0.060	-0.095	-0.094
OTU 245	-0.041	0.065	-0.139	-0.108	-0.097	0.079	0.084	-0.154	0.528	-0.223
OTU 250	0.474	0.261	-0.070	0.074	-0.234	0.284	0.467	-0.177	0.384	-0.457
OTU 253	0.387	0.256	0.078	0.059	-0.013	0.369	0.301	0.008	0.442	-0.281
OTU 256	0.130	0.123	-0.166	-0.085	-0.211	0.248	0.119	-0.330	0.105	-0.181
OTU 257	0.264	0.397	0.183	0.171	0.193	0.307	0.174	0.323	0.401	-0.246
OTU 258	-0.089	-0.135	-0.632	-0.018	-0.458	-0.195	-0.185	-0.178	-0.112	-0.067
OTU 261	-0.011	0.080	-0.267	-0.070	-0.280	0.026	-0.162	0.038	0.146	-0.010
OTU 263	-0.252	-0.173	-0.375	-0.172	-0.259	-0.178	-0.149	-0.104	-0.012	0.180
OTU 265	0.311	0.307	-0.110	-0.015	-0.128	0.149	-0.006	0.161	0.418	-0.102
OTU 267	0.048	0.080	-0.471	-0.113	-0.311	-0.126	0.104	-0.078	0.184	-0.225
OTU 269	0.304	0.012	-0.521	-0.191	-0.306	-0.221	-0.030	0.122	0.299	-0.090
OTU 271	0.290	0.285	-0.090	0.175	0.015	-0.093	0.321	0.215	0.350	-0.325

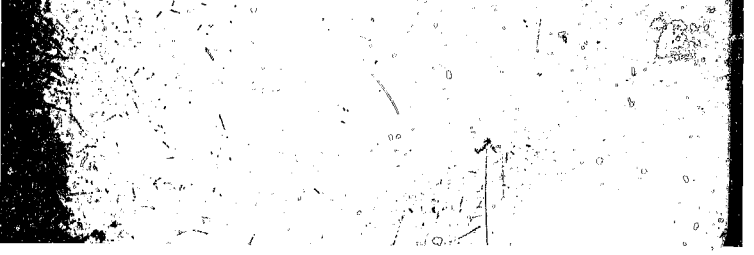
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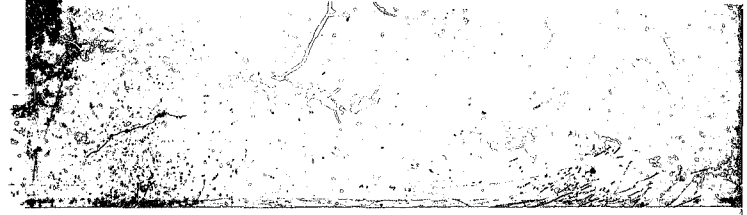




COMPUTE CORRELATIONS

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 274	-0.002	0.130	-0.347	-0.060	-0.162	-0.403	+0.151	0.083	0.081	-0.237
OTU 275	0.273	0.076	-0.324	0.104	-0.097	0.011	0.089	0.086	0.279	-0.075
OTU 277	0.337	0.350	0.044	0.253	-0.122	0.127	0.210	0.054	0.325	-0.198
OTU 279	0.148	0.171	0.116	0.164	0.132	0.029	0.258	-0.077	0.153	-0.084
OTU 284	0.076	0.263	-0.354	0.128	0.096	-0.244	0.081	0.049	0.086	-0.147
OTU 285	0.228	0.169	-0.147	0.087	-0.389	0.038	0.304	-0.166	+0.118	-0.404
OTU 287	-0.007	0.078	-0.237	-0.043	-0.158	0.066	0.031	-0.100	0.137	-0.040
OTU 290	-0.402	0.147	-0.127	-0.091	-0.157	-0.227	0.016	-0.217	-0.133	-0.026
OTU 293	-0.028	-0.237	-0.351	-0.189	-0.274	-0.309	-0.087	-0.190	-0.392	0.082
OTU 294	0.290	0.111	-0.402	0.017	0.043	-0.215	0.300	-0.038	0.176	0.051
OTU 299	-0.249	-0.017	-0.046	0.018	0.045	-0.226	-0.304	-0.212	-0.341	-0.178
OTU 300	-0.413	-0.073	-0.082	-0.172	0.125	-0.066	-0.383	-0.148	-0.165	-0.092
OTU 302	-0.176	0.059	-0.006	-0.148	0.096	0.010	-0.213	0.026	-0.201	-0.012
OTU 367	-0.249	-0.011	0.079	-0.219	-0.018	-0.165	-0.179	-0.065	-0.410	-0.194
OTU 304	-0.166	0.095	-0.045	0.073	0.168	0.273	-0.111	-0.053	-0.057	0.233
OTU 307	-0.482	-0.054	+0.215	-0.096	0.090	-0.264	-0.498	0.004	-0.493	0.189
OTU 309	-0.348	-0.191	-0.132	-0.276	0.080	-0.130	-0.336	-0.141	-0.334	0.073
OTU 312	-0.459	-0.233	+0.011	-0.171	0.006	-0.284	-0.508	-0.016	-0.479	0.331
OTU 315	-0.469	-0.225	0.057	-0.184	-0.087	-0.214	-0.203	-0.431	-0.455	-0.862
OTU 317	-0.182	-3.065	0.152	-0.116	0.238	-0.013	-0.263	-0.045	-0.051	0.194
OTU 31_	-0.256	-0.214	0.104	-0.289	0.111	-0.233	-0.160	0.041	-0.328	0.105
OTU 325	-0.172	0.086	0.083	-0.089	0.102	0.080	-0.240	-0.096	-0.386	0.124
OTU 328	-0.078	-0.186	0.113	-0.035	0.080	-0.363	-0.128	0.173	-0.316	0.208
OTU 329	-0.510	-0.217	0.146	-0.102	-0.014	-0.162	-0.350	-0.199	-0.650	0.105
OTU 331	-0.184	0.030	0.009	-0.165	0.022	-0.146	-0.350	0.018	-0.480	0.000
OTU 334	-0.301	0.098	0.191	-0.079	0.015	-0.163	-0.308	-0.007	-0.481	-0.004
OTU 3_5	-0.134	0.118	0.192	-0.039	-0.092	0.038	-0.[illegible]	0.048	-0.441	-0.133
OTU 733	-0.203	0.142	0.275	0.059	-0.073	0.208	-0.[illegible]	-0.267	-0.371	-0.188



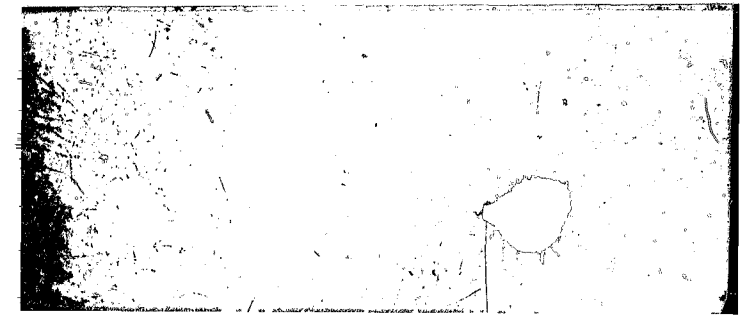


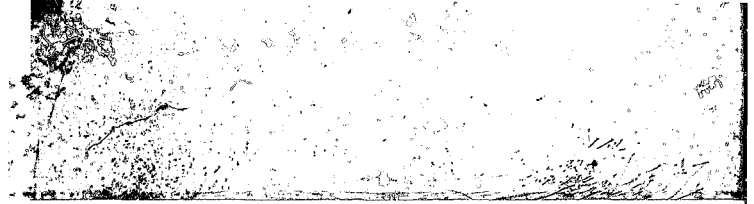
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 092	1.000									
OTU 095	-0.487	1.000								
OTU 096	-0.502	0.848	1.000							
OTU 098	-0.467	0.594	0.733	1.000						
OTU 099	-0.194	0.050	-0.123	-0.313	1.000					
OTU 101	-0.478	0.684	0.737	0.513	0.029	1.000				
OTU 103	-0.243	0.426	0.376	-0.457	0.137	-0.284	1.000			
OTU 105	0.386	-0.239	-0.297	-0.004	0.121	-0.272	0.179	1.000		
OTU 107	0.168	-0.195	-0.287	-0.346	0.458	-0.140	-0.011	0.383	1.000	
OTU 109	-0.224	-0.134	-0.369	-0.317	0.271	-0.379	0.048	-0.412	0.584	1.000
OTU 110	-0.060	-0.136	-0.235	-0.488	0.239	-0.040	0.091	-0.162	0.202	0.344
OTU 112	0.205	-0.169	-0.283	-0.437	0.609	-0.167	0.266	0.050	0.300	0.251
OTU 117	0.309	-0.299	-0.387	-0.469	0.678	-0.153	0.291	0.331	0.510	0.490
OTU 116	-0.409	-0.444	-0.409	-0.830	0.363	-0.362	0.322	0.315	0.424	0.344
OTU 120	0.545	-0.738	0.733	0.708	-0.067	0.780	-0.375	-0.047	-0.160	-0.050
OTU 121	-0.401	0.668	0.738	0.618	-0.051	0.604	-0.322	-0.087	-0.200	-0.246
OTU 123	-0.421	0.588	0.638	0.603	0.055	0.654	-0.278	-0.011	-0.183	-0.386
OTU 126	-0.410	0.730	0.722	0.631	-0.023	0.787	-0.273	-0.168	-0.138	-0.316
OTU 126	-0.157	0.333	0.495	0.572	-0.087	0.402	-0.193	0.087	-0.316	-0.435
OTU 128	0.260	-0.189	-0.091	-0.257	0.238	-0.075	0.462	0.236	0.041	-0.166
OTU 131	-0.007	-0.173	-0.295	-0.538	0.646	-0.196	0.431	0.007	0.356	0.231
OTU 133	0.203	-0.010	-0.037	-0.125	0.093	0.109	-0.013	0.217	0.156	-0.140
OTU 135	0.296	-0.244	-0.190	-0.513	0.133	-0.281	0.160	-0.013	0.167	0.087
OTU 137	0.280	-0.176	-0.291	-0.535	1.501	-0.135	0.365	0.468	0.625	0.823
OTU 139	0.331	-0.387	-0.253	-0.543	0.017	-0.279	0.482	0.056	-0.097	0.081
OTU 141	0.286	-0.392	-0.345	-0.187	0.093	-0.323	0.188	0.259	0.194	0.190
OTU 142	0.112	-0.126	-0.076	-0.074	0.015	-0.108	0.296	0.296	-0.115	-0.135
OTU 144	0.147	-0.177	-0.186	-0.595	0.299	-0.209	0.267	-0.118	0.276	0.933
OTU 146	-0.160	-0.089	-0.210	-0.125	0.359	0.054	0.087	-0.087	-0.184	-0.192
OTU 148	0.018	-0.050	0.005	-0.348	0.346	-0.016	0.298	-0.097	-0.179	-0.332
OTU 150	0.135	-0.081	-0.213	0.077	-0.008	-0.283	0.342	0.160	0.146	0.268
OTU 154	0.013	-0.100	0.116	-0.097	0.165	0.117	0.180	0.095	-0.078	-0.187
OTU 156	-0.047	-0.439	-0.276	-0.463	0.018	-0.161	0.476	-0.104	0.029	-0.009
OTU 157	-0.003	-0.384	-0.266	-0.197	0.081	-0.228	0.089	0.213	0.361	0.098
OTU 160	0.363	-0.321	-0.251	-0.265	0.049	-0.218	0.267	0.353	0.015	-0.043
OTU 161	0.237	-0.250	-0.269	-0.353	0.387	-0.211	0.411	0.368	0.342	0.110
OTU 163	0.479	-0.359	-0.346	-0.371	0.188	-0.366	0.396	0.319	0.140	0.336
OTU 168	0.241	-0.328	-0.066	-0.161	-0.065	-0.076	0.161	0.126	-0.064	-0.220
OTU 169	0.346	-0.486	-0.257	-0.402	0.160	-0.368	0.255	0.111	-0.011	-0.104
OTU 170	0.059	-0.109	-0.118	-0.431	0.220	-0.060	0.513	0.062	0.185	0.055
OTU 172	-0.099	0.353	0.348	0.486	-0.128	0.180	-0.607	-0.255	-0.087	-0.191
OTU 173	-0.379	0.592	0.382	0.528	-0.113	0.376	-0.384	-0.013	-0.076	-0.050
OTU 174	-0.407	0.456	0.514	0.682	-0.303	0.376	-0.376	-0.070	-0.287	-0.350
OTU 175	-0.273	0.393	0.329	0.581	-0.030	0.115	-0.461	0.314	-0.080	-0.056
OTU 176	-0.317	0.408	0.306	0.394	0.196	0.663	-0.117	0.025	-0.171	-0.044
OTU 178	-0.103	0.014	-0.170	-0.259	0.043	-0.183	-0.010	0.139	0.057	0.616
OTU 179	0.838	-0.310	-0.182	-0.008	-0.189	-0.247	0.170	0.196	-0.076	0.081
OTU 180	0.476	-0.316	-0.429	-0.316	0.350	-0.264	0.116	0.292	0.151	0.322
OTU 184	0.267	-0.296	-0.177	-0.098	0.178	-0.170	0.259	0.268	0.090	-0.179
OTU 185	0.023	-0.125	-0.078	-0.157	-0.053	0.005	0.393	-0.408	-0.469	-0.227

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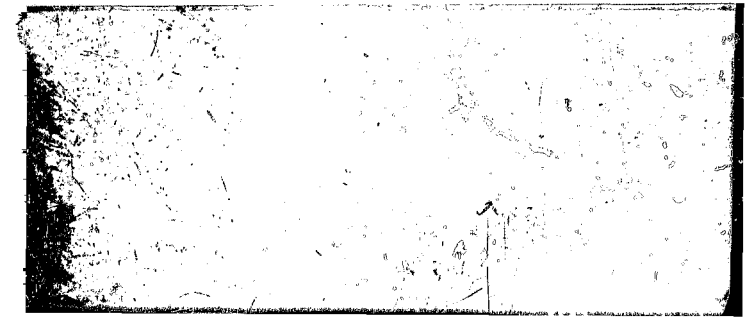


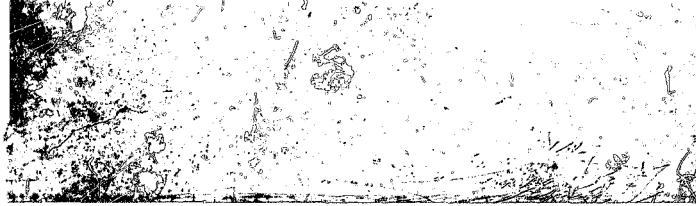
CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 188	-0.202	-0.350	-0.209	-0.203	-0.075	-0.264	0.194	0.059	-0.272	-0.180
OTU 190	-0.116	-0.220	-0.110	-0.307	0.118	-0.125	0.311	0.150	0.263	0.063
OTU 192	0.131	-0.251	-0.016	0.063	-0.259	-0.017	-0.060	-0.274	-0.335	-0.256
OTU 193	0.251	-0.150	-0.276	-0.206	0.276	-0.284	0.418	0.104	-0.004	0.175
OTU 195	0.255	-0.208	-0.229	-0.235	0.074	-0.203	0.119	-0.044	-0.246	-0.215
OTU 196	0.090	-0.109	-0.307	-0.503	0.516	-0.207	0.169	-0.012	0.221	0.164
OTU 201	0.168	-0.181	-0.279	-0.487	0.116	-0.361	0.350	-0.070	-0.050	-0.052
OTU 202	0.035	-0.102	-0.142	-0.315	-0.037	-0.052	0.612	-0.385	-0.256	-0.097
OTU 204	0.032	-0.021	-0.119	-0.214	0.359	-0.084	0.817	-0.113	-0.174	-0.253
OTU 205	-0.086	-0.197	-0.232	-0.262	-0.078	-0.150	0.364	-0.383	-0.273	-0.132
OTU 207	-0.049	-0.187	-0.202	-0.381	0.082	-0.225	0.088	-0.229	0.068	0.117
OTU 208	-0.070	0.008	-0.197	-0.182	0.110	-0.328	0.057	-0.207	-0.107	0.060
OTU 211	-0.319	0.156	0.189	0.139	0.020	0.043	-0.302	-0.346	0.080	0.033
OTU 214	-0.173	0.168	0.088	0.617	-0.325	0.301	-0.364	-0.116	-0.519	-0.582
OTU 215	-0.118	0.277	0.258	0.438	-0.289	0.207	-0.274	-0.200	-0.307	-0.382
OTU 217	-0.235	0.606	-0.164	0.591	-0.414	0.156	-0.366	-0.383	-0.476	-0.496
OTU 219	-0.287	0.379	0.186	0.628	-0.293	0.073	-0.414	-0.122	-0.215	-0.295
OTU 222	0.468	-0.451	-0.187	-0.503	0.100	-0.536	0.321	0.190	0.180	0.399
OTU 223	0.520	-0.467	-0.423	-0.542	0.003	-0.556	0.329	0.192	0.137	0.157
OTU 224	0.379	-0.365	-0.444	-0.317	0.128	-0.454	0.321	-0.094	0.080	0.037
OTU 226	0.297	-0.308	-0.430	-0.641	0.292	-0.548	0.482	-0.057	0.289	0.247
OTU 228	-0.295	-0.113	-0.195	-0.177	-0.079	-0.062	-0.035	-0.007	0.387	0.485
OTU 230	0.068	-0.194	-0.084	-0.468	-0.063	-0.307	0.121	-0.143	0.050	0.313
OTU 233	0.302	-0.090	-0.427	-0.565	0.026	-0.440	0.367	0.054	0.255	0.207
OTU 237	0.131	-0.331	-0.229	-0.413	0.038	-0.299	0.290	0.180	0.166	0.290
OTU 238	0.129	-0.305	-0.418	-0.502	0.047	-0.452	0.145	0.067	0.058	0.093
OTU 240	0.206	-0.227	-0.310	-0.378	0.013	-0.392	0.115	0.050	0.203	0.338
OTU 242	-0.157	-0.350	-0.345	-0.295	0.062	-0.225	-0.009	0.008	0.255	0.313
OTU 243	0.239	-0.409	-0.421	-0.405	0.064	-0.435	0.145	0.105	0.115	0.370
OTU 250	0.296	-0.361	-0.367	-0.303	-0.097	-0.468	0.087	-0.035	0.135	0.393
OTU 252	0.390	-0.456	-0.490	-0.468	-0.015	-0.491	0.110	-0.118	0.098	0.490
OTU 253	-0.072	-0.052	-0.011	0.062	-0.244	-0.103	-0.130	0.028	0.136	0.395
OTU 257	0.247	-0.250	-0.176	-0.078	-0.119	-0.260	0.017	-0.156	-0.012	0.163
OTU 258	0.052	-0.276	-0.236	-0.364	-0.155	-0.296	-0.031	0.178	0.250	0.365
OTU 260	-0.002	-0.119	-0.084	-0.179	-0.166	0.036	-0.094	0.076	0.121	0.185
OTU 263	-0.279	-0.120	-0.168	-0.191	-0.025	-0.085	-0.048	0.094	0.311	0.362
OTU 265	0.463	-0.427	-0.449	-0.559	0.140	-0.577	0.357	-0.054	0.111	0.369
OTU 267	0.100	-0.395	-0.440	-0.452	-0.052	-0.351	0.169	-0.014	0.081	0.267
OTU 269	0.272	-0.437	-0.500	-0.636	-0.090	-0.494	0.201	-0.001	0.168	0.362
OTU 271	0.125	-0.381	-0.321	-0.405	-0.159	-0.462	0.192	-0.155	-0.193	-0.062
OTU 274	0.015	-0.338	-0.257	-0.369	-0.273	-0.230	-0.003	-0.291	-0.047	-0.204
OTU 275	0.158	-0.386	-0.316	-0.350	-0.158	-0.332	0.180	-0.198	-0.035	0.078
OTU 277	0.397	-0.587	-0.367	-0.467	-0.184	-0.302	0.418	-0.011	-0.005	0.036
OTU 279	0.167	-0.272	-0.268	-0.357	0.131	-0.319	0.042	-0.118	0.156	0.099
OTU 284	0.386	-0.516	-0.426	-0.332	0.020	-0.296	0.219	0.215	-0.105	-0.099
OTU 285	0.257	-0.507	-0.373	-0.326	-0.271	-0.419	0.389	0.294	-0.079	0.100
OTU 287	0.058	-0.132	-0.289	-0.084	-0.097	-0.334	-0.021	0.001	0.257	0.310
OTU 290	-0.129	-0.424	-0.275	-0.230	-0.095	-0.092	0.072	0.062	0.137	0.036
OTU 293	-0.020	-0.125	-0.143	-0.217	-0.063	0.021	0.049	0.107	0.173	-0.116
OTU 294	-0.061	-0.032	-0.234	-0.364	0.290	-0.190	0.083	-0.072	0.336	0.485

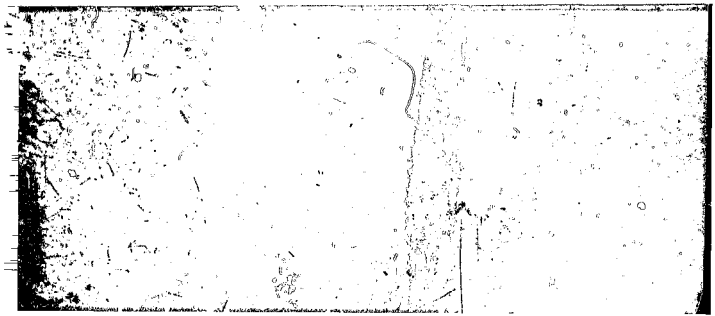
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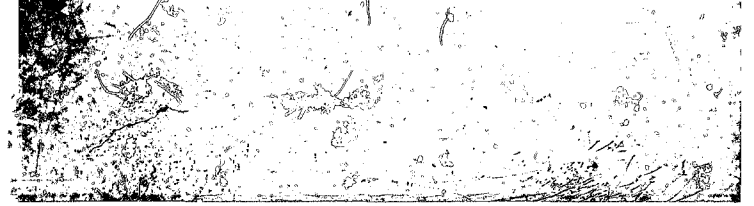




COMPUTE CORRELATIONS

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 299	-0.207	0.183	0.276	0.336	-0.462	0.188	-0.248	-0.173	-0.570	-0.768
OTU 300	-0.682	0.192	0.263	0.346	-0.143	0.472	-0.328	+0.938	-0.290	-0.504
OTU 302	-0.376	0.197	0.432	0.691	-0.378	0.399	-0.456	-0.330	-0.478	-0.414
OTU 303	-0.168	0.195	0.335	0.592	-0.417	0.171	-0.522	-0.267	-0.313	-0.564
OTU 304	-0.237	0.411	0.237	0.508	-0.251	0.048	-0.541	0.019	-0.075	0.074
OTU 307	-0.206	0.117	0.233	0.549	-0.256	0.277	-0.896	0.009	-0.485	-0.538
OTU 309	-0.230	0.199	0.293	0.481	-0.229	0.240	-0.319	+0.201	-0.526	-0.544
OTU 312	-0.451	0.281	0.268	0.478	-0.229	0.375	-0.368	-0.057	-0.230	-0.386
OTU 315	-0.402	0.272	0.407	0.432	-0.383	0.415	-0.610	-0.824	-0.398	-0.508
OTU 317	-0.320	0.391	0.276	0.465	-0.107	0.168	-0.545	-0.235	-0.093	-0.107
OTU 323	-0.471	0.164	0.201	0.252	0.096	0.509	-0.046	-0.951	-0.276	-0.521
OTU 325	-0.224	0.256	0.260	0.608	-0.370	0.070	-0.476	-0.159	-0.420	-0.360
OTU 326	-0.480	0.226	0.232	0.277	-0.089	0.194	-0.122	-0.247	-0.221	-0.274
OTU 329	-0.417	0.276	0.426	0.686	-0.232	0.284	-0.219	0.001	-0.362	-0.521
OTU 331	-0.291	0.205	0.326	0.578	-0.389	0.239	-0.356	-0.283	-0.566	-0.646
OTU 334	-0.364	0.239	0.430	0.701	-0.414	0.355	-0.454	-0.191	-0.507	-0.589
OTU 335	-0.113	0.163	0.307	0.601	-0.559	0.177	-0.440	-0.183	-0.472	-0.469
OTU 338	-0.168	0.131	0.313	0.589	-0.504	0.117	-0.384	-0.021	-0.400	-0.269





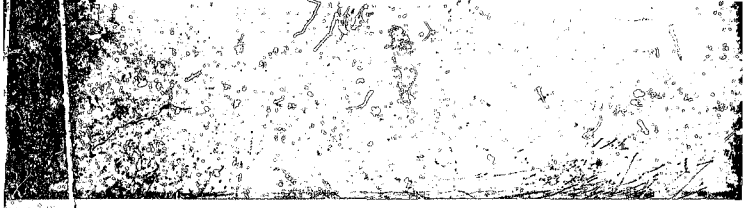
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 111	1.000									
OTU 113	0.390	1.000								
OTU 117	0.348	0.510	1.000							
OTU 118	0.074	0.352	0.458	1.000						
OTU 120	-0.215	-0.316	-0.135	-0.471	1.000					
OTU 121	-0.109	-0.182	-0.068	-0.336	0.802	1.000				
OTU 123	-0.147	-0.169	-0.019	-0.387	0.680	0.695	1.000			
OTU 124	-0.225	-0.203	-0.232	-0.372	0.737	0.767	0.683	1.000		
OTU 126	-0.390	-0.229	-0.089	-0.313	0.395	0.345	0.391	0.500	1.000	
OTU 128	-0.002	0.022	0.128	0.402	-0.264	-0.199	-0.086	-0.050	0.116	1.000
OTU 131	0.302	0.499	0.506	0.591	-0.236	-0.268	.206	-0.249	-0.340	0.363
OTU 133	0.077	0.103	0.156	0.137	-0.137	0.091	0.197	0.180	0.206	0.402
OTU 134	0.225	0.435	0.252	0.505	-0.461	-0.300	-0.254	-0.292	-0.416	0.457
OTU 137	0.063	0.492	0.345	0.491	-0.133	-0.201	-0.168	0.126	-0.231	0.139
OTU 139	0.161	0.231	0.107	0.298	-0.485	-0.398	-0.349	-0.419	-0.311	0.291
OTU 141	0.108	0.023	0.267	0.497	-0.315	-0.268	-0.161	-0.418	-0.287	0.166
OTU 142	-0.183	-0.036	0.030	-0.075	0.043	-0.110	0.180	-0.188	-0.067	0.184
OTU 144	0.333	0.174	0.169	0.180	-0.401	-0.341	-0.327	-0.204	-0.383	0.009
OTU 146	0.159	0.349	0.352	-0.097	0.201	0.046	0.134	-0.085	-0.092	-0.289
OTU 148	0.234	0.219	0.030	0.047	-0.171	-0.118	0.166	0.007	0.077	0.611
OTU 149	-0.056	-0.051	0.297	-0.028	-0.104	-0.167	0.191	-0.250	-0.262	0.321
OTU 154	-0.187	-0.116	-0.279	0.231	-0.152	-0.040	0.064	0.036	0.166	0.634
OTU 156	0.224	0.108	0.012	0.335	-0.404	-0.234	-0.196	-0.214	-0.294	0.388
OTU 157	-0.037	0.107	0.041	0.397	-0.260	-0.291	-0.232	-0.105	-0.078	0.066
OTU 160	-0.154	0.042	0.069	0.532	-0.288	-0.191	-0.304	-0.256	-0.123	0.457
OTU 161	-0.005	0.252	0.141	0.455	-0.317	-0.351	-0.410	-0.216	0.108	0.438
OTU 163	0.071	0.139	0.297	0.363	-0.454	-0.399	-0.490	-0.466	-0.311	0.187
OTU 168	-0.231	-0.333	-0.242	0.157	-0.206	-0.313	-0.380	-0.106	0.071	0.268
OTU 169	-0.036	0.183	-0.037	0.561	-0.506	-0.427	-0.347	-0.436	0.021	0.603
OTU 170	0.195	0.083	0.169	0.354	-0.317	-0.276	-0.196	-0.222	-0.264	0.612
OTU 172	-0.179	-0.180	-0.012	0.179	0.109	0.034	0.295	0.572	0.103	-0.383
OTU 173	0.411	0.503	0.223	-0.208	0.537	0.558	0.269	0.438	0.325	0.429
OTU 176	-0.318	-0.460	-0.287	-0.097	0.583	0.513	0.557	0.417	0.456	-0.121
OTU 175	-0.288	-0.454	-0.340	-0.283	0.409	0.284	0.457	0.311	0.426	0.028
OTU 176	0.065	0.016	0.061	-0.163	0.376	0.324	0.354	0.634	0.463	0.015
OTU 178	0.486	0.221	0.162	0.021	-0.093	-0.129	-0.316	-0.316	-0.187	0.116
OTU 179	-0.324	-0.167	-0.200	0.228	-0.237	-0.371	-0.388	-0.249	0.021	-0.034
OTU 182	0.215	0.145	0.610	0.220	-0.194	-0.089	0.028	-0.263	-0.159	-0.002
OTU 184	-0.159	0.036	-0.161	0.115	-0.253	-0.353	-0.038	-0.034	0.370	0.488
OTU 185	0.276	0.092	0.004	-0.218	-0.174	-0.032	-0.132	-0.111	-0.271	-0.009
OTU 188	0.002	0.047	0.058	0.132	-0.311	-0.168	-0.054	-0.189	-0.136	0.239
OTU 190	0.204	-0.105	0.030	0.251	-0.236	-0.242	-0.200	-0.183	-0.134	0.546
OTU 192	-0.193	-0.156	-0.030	-0.030	-0.064	-0.067	-0.340	-0.070	0.097	-0.167
OTU 193	0.273	0.213	0.295	0.182	-0.314	-0.234	-0.212	-0.357	-0.165	0.455
OTU 195	0.268	0.256	0.193	0.206	-0.337	-0.176	0.033	-0.166	-0.032	0.336
OTU 198	0.490	0.578	0.498	0.076	-0.285	-0.158	0.069	-0.123	-0.271	0.205
OTU 201	0.075	0.185	0.12	0.208	-0.471	-0.402	-0.128	-0.336	-0.190	0.811
OTU 203	0.243	0.215	0.019	-0.059	-0.264	-0.109	-0.164	-0.128	-0.141	0.250
OTU 204	0.173	0.569	0.166	0.120	-0.262	-0.069	0.160	-0.028	0.225	0.480
OTU 205	0.166	0.032	-0.016	-0.082	-0.275	-0.132	-0.106	-0.306	-0.300	0.029

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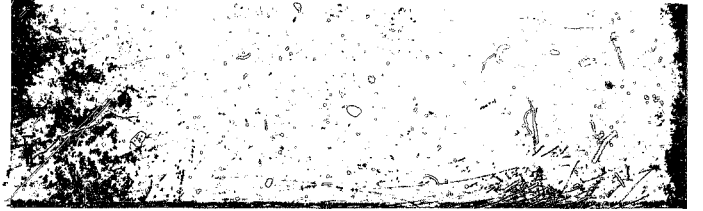


COMPUTE CORRELATIONS

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 107	0.563	0.171	0.170	0.196	-0.315	-0.232	-0.132	-0.214	-0.307	0.171
OTU 108	0.011	0.016	0.006	-0.164	-0.292	-0.156	-0.106	-0.194	-0.092	0.022
OTU 111	0.239	-0.088	0.046	-0.177	0.198	-0.464	0.171	0.109	-0.234	-0.247
OTU 114	-0.289	-0.340	-0.419	-0.217	0.385	0.378	0.568	0.426	0.545	0.046
OTU 115	-0.064	-0.329	-0.296	-0.408	0.195	0.291	0.418	0.327	0.410	0.118
OTU 117	-0.279	-0.367	-0.397	-0.523	0.432	0.434	0.298	0.478	0.405	-0.402
OTU 118	-0.314	-0.328	-0.298	-0.395	0.455	0.451	0.489	0.629	0.579	-0.337
OTU 122	0.249	0.283	0.345	0.452	-0.269	-0.435	-0.498	-0.588	-0.493	0.330
OTU 123	0.130	0.169	0.169	0.336	-0.555	-0.446	-0.459	-0.480	-0.418	0.337
OTU 124	0.049	0.191	-0.040	0.367	-0.606	-0.525	-0.436	-0.353	-0.064	0.440
OTU 126	0.357	0.441	0.384	0.286	-0.489	-0.406	-0.412	-0.363	-0.557	0.044
OTU 128	0.250	0.169	0.170	0.007	0.035	-0.188	-0.207	-0.138	-0.353	-0.226
OTU 132	0.252	0.362	0.021	-0.122	-0.275	-0.346	-0.269	-0.299	-0.397	-0.044
OTU 136	0.098	0.077	0.023	0.465	-0.036	-0.558	-0.350	-0.631	-0.345	0.317
OTU 137	0.104	0.098	0.046	0.247	-0.396	-0.420	-0.192	-0.395	-0.234	0.332
OTU 138	0.219	0.162	0.085	0.038	-0.423	-0.464	-0.406	-0.443	-0.187	0.174
OTU 140	0.370	-0.009	0.100	-0.075	-0.362	-0.413	-0.136	-0.358	-0.438	0.186
OTU 142	0.269	0.051	0.130	0.057	-0.284	-0.269	-0.299	-0.091	-0.246	0.251
OTU 145	0.250	0.229	0.304	0.463	-0.395	-0.341	-0.538	-0.536	-0.516	0.004
OTU 146	0.157	-0.061	-0.319	0.129	-0.475	-0.501	-0.653	-0.686	-0.513	-0.061
OTU 153	0.234	0.078	0.046	0.150	-0.532	-0.458	-0.623	-0.694	-0.577	-0.173
OTU 154	0.056	-0.385	-0.103	0.129	0.057	-0.193	-0.279	-0.101	-0.293	0.237
OTU 157	0.026	-0.052	-0.171	0.144	-0.239	-0.272	-0.495	-0.272	-0.161	-0.284
OTU 158	0.065	-0.042	-0.001	0.177	-0.263	-0.200	-0.259	-0.207	-0.269	-0.029
OTU 211	0.070	-0.124	0.015	0.088	0.013	-0.083	-0.254	0.034	-0.328	-0.309
OTU 213	0.113	0.037	0.010	-0.021	-0.026	-0.169	-0.121	-0.126	-0.226	-0.108
OTU 215	0.176	0.099	0.084	0.238	-0.539	-0.431	-0.669	-0.481	-0.600	-0.108
OTU 219	0.200	0.068	0.069	0.093	-0.304	-0.441	-0.613	-0.446	-0.404	-0.093
OTU 221	0.164	0.170	0.135	0.238	-0.574	-0.521	-0.419	-0.494	-0.556	-0.068
OTU 223	-0.015	0.146	-0.293	0.057	-0.563	-0.472	-0.629	-0.458	-0.166	-0.057
OTU 224	-0.089	0.021	-0.239	-0.004	-0.485	-0.311	-0.239	-0.310	-0.152	-0.065
OTU 227	-0.029	-0.131	-0.225	0.003	-0.443	-0.425	-0.394	-0.469	-0.239	-0.071
OTU 228	-0.089	0.020	-0.059	0.337	-0.452	-0.415	-0.057	-0.161	-0.313	0.163
OTU 231	0.172	0.032	-0.046	0.044	-0.349	-0.455	-0.432	-0.246	-0.076	0.010
OTU 232	0.069	0.191	-0.018	0.087	-0.261	-0.305	-0.211	-0.133	-0.076	0.227
OTU 233	-0.126	-0.055	-0.183	0.165	-0.487	-0.492	-0.483	-0.437	-0.176	0.317
OTU 238	0.082	-0.141	-0.021	0.067	-0.196	-0.359	-0.432	-0.176	-0.191	-0.282
OTU 239	0.187	0.126	-0.101	0.076	-0.277	-0.193	-0.269	-0.099	-0.083	0.101
OTU 242	0.027	-0.187	-0.127	-0.068	-0.093	-0.238	0.121	-0.093	0.081	0.327
OTU 256	0.258	0.235	0.050	0.001	-0.188	-0.409	-0.329	-0.150	-0.128	-0.026
OTU 268	-0.458	-0.369	-0.569	-0.369	0.703	0.166	0.225	0.265	0.430	-0.075
OTU 310	0.018	-0.154	-0.263	-0.362	0.475	0.410	0.383	0.327	0.275	-0.303
OTU 312	-0.230	-0.268	-0.315	-0.565	0.409	0.455	0.427	0.422	0.284	-0.526
OTU 313	-0.254	-0.226	-0.484	-0.341	0.284	0.227	0.296	0.269	0.439	-0.245
OTU 314	-0.265	-0.327	-0.123	-0.419	0.464	0.254	0.284	0.249	0.090	-0.628
OTU 317	-0.352	-0.203	-0.326	-0.389	0.351	0.354	0.389	0.354	0.506	-0.238
OTU 109	-0.192	-0.292	-0.99	-0.306	0.343	0.298	0.482	0.323	0.355	-0.260
OTU 118	-0.209	-0.214	-0.155	-0.330	0.479	0.451	0.648	0.334	0.405	-0.215
OTU 15	0.018	-0.263	-0.947	-0.367	0.401	0.331	0.553	0.338	0.813	-0.316
OTU 17	-0.012	-0.166	-0.147	-0.383	0.216	0.185	0.316	0.210	0.120	-0.402

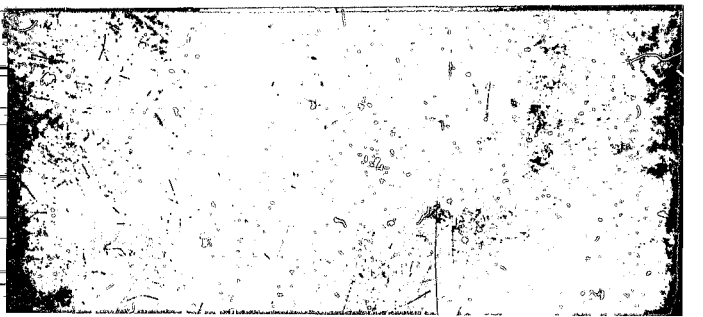
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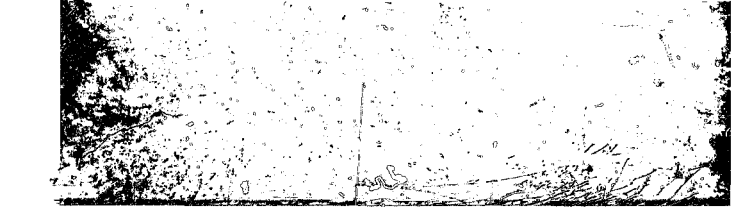




COMPUTE CORRELATIONS

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 323	0.156	-0.099	-0.017	-0.439	0.424	0.332	0.457	0.331	0.196	-0.197
OTU 325	-0.842	-0.412	-0.361	-0.586	0.367	0.217	0.260	0.224	0.348	-0.470
OTU 328	0.135	0.001	-0.234	-0.378	0.228	0.235	0.368	0.233	0.339	-0.068
OTU 329	-0.299	-0.332	-0.398	-0.357	0.908	0.316	0.556	0.404	0.480	-0.132
OTU 331	-0.290	-0.036	-0.399	-0.475	0.310	0.335	0.440	0.347	0.494	-0.227
OTU 334	-0.848	-0.253	-0.882	-0.419	0.439	0.442	0.494	0.371	0.555	-0.874
OTU 335	-0.342	-0.435	-0.624	-0.433	0.258	0.221	0.237	0.167	0.517	-0.389
OTU 338	-0.843	-0.574	-0.546	-0.232	0.275	0.191	0.038	0.124	0.486	-0.333



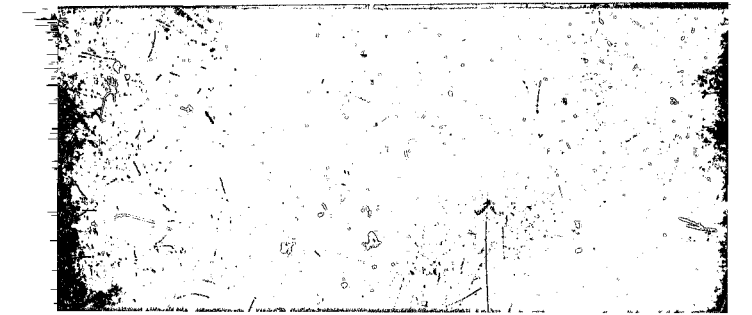


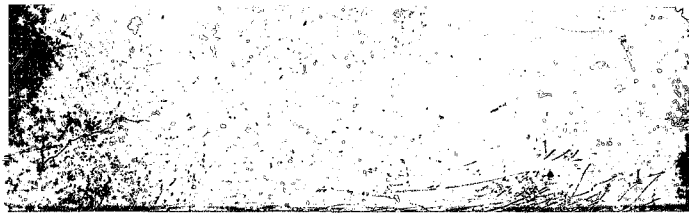
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 131	1.000									
OTU 133	0.092	1.000								
OTU 134	0.320	0.288	1.000							
OTU 137	0.423	0.119	0.335	1.000						
OTU 139	0.176	0.162	0.093	0.261	1.000					
OTU 141	0.239	-0.162	0.214	0.211	0.226	1.000				
OTU 142	-0.106	-0.005	0.086	0.131	-0.069	-0.180	1.000			
OTU 144	0.462	0.068	0.502	0.283	-0.113	0.146	0.033	1.000		
OTU 146	0.276	0.012	-0.271	0.305	-0.338	-0.083	0.122	-0.014	1.000	
OTU 148	0.296	0.226	0.350	0.006	0.320	-0.064	0.237	0.408	-0.060	1.000
OTU 150	-0.233	-0.257	-0.268	-0.016	-0.106	0.118	0.230	-0.107	0.221	-0.342
OTU 154	-0.014	0.341	0.432	-0.021	0.406	-0.161	0.235	0.291	-0.269	0.493
OTU 156	0.300	0.027	0.281	0.090	0.325	0.088	0.299	0.397	-0.348	0.264
OTU 157	0.069	0.133	0.231	0.341	-0.067	-0.027	0.033	0.051	0.091	-0.038
OTU 160	0.213	0.284	0.330	0.232	0.486	0.277	0.192	0.073	-0.466	0.104
OTU 161	0.367	0.289	0.221	0.365	0.378	-0.113	0.293	0.179	-0.226	0.199
OTU 163	0.098	-0.083	0.257	0.262	0.593	0.434	0.166	0.153	-0.385	-0.046
OTU 166	-0.280	0.017	0.154	0.066	0.318	0.070	0.394	0.145	-0.458	0.102
OTU 169	0.332	0.135	0.519	0.122	0.576	0.273	0.128	0.242	-0.330	0.264
OTU 170	0.467	0.049	0.403	0.161	0.430	0.219	0.090	0.361	-0.276	0.283
OTU 172	-0.280	0.143	-0.226	-0.360	-0.381	-0.324	-0.229	-0.329	0.191	-0.356
OTU 173	-0.180	-0.059	-0.329	-0.257	-0.536	-0.160	-0.170	-0.528	0.295	-0.477
OTU 174	-0.253	0.122	-0.333	-0.384	-0.338	-0.240	-0.112	-0.513	0.297	-0.193
OTU 175	-0.356	0.182	-0.168	-0.324	-0.361	-0.098	-0.141	-0.306	0.080	-0.210
OTU 176	0.006	0.204	-0.372	-0.118	-0.373	-0.613	-0.193	-0.262	0.103	0.156
OTU 178	0.249	-0.062	0.019	0.164	0.294	0.098	-0.085	0.005	0.218	-0.132
OTU 179	-0.221	-0.113	-0.098	0.089	0.158	0.046	0.168	-0.271	-0.263	-0.866
OTU 180	0.129	0.113	-0.049	0.100	-0.066	0.334	-0.017	0.117	0.443	0.028
OTU 184	0.024	0.291	-0.018	0.179	0.003	-0.179	0.083	0.087	-0.033	0.914
OTU 186	-0.042	-0.078	0.008	-0.161	0.242	0.015	0.194	0.118	-0.053	0.299
OTU 188	0.091	0.167	0.214	0.044	0.407	0.296	-0.003	0.051	-0.394	0.868
OTU 190	0.401	0.257	0.240	-0.065	0.196	-0.077	0.233	0.350	-0.141	0.300
OTU 192	-0.217	-0.252	-0.037	-0.217	0.122	0.011	0.067	-0.140	0.300	-0.024
OTU 193	0.433	0.076	0.260	0.093	0.351	0.096	0.099	0.356	0.105	0.399
OTU 195	0.078	0.325	0.378	0.132	0.339	0.244	-0.268	0.174	-0.162	0.161
OTU 198	0.409	0.277	0.198	0.273	0.268	0.057	0.071	0.454	0.252	0.061
OTU 201	0.440	0.100	0.335	0.162	0.457	0.261	-0.222	0.309	-0.176	0.222
OTU 203	0.112	-0.003	0.155	-0.361	0.192	0.027	0.091	0.165	-0.238	0.196
OTU 204	0.367	0.125	0.297	-0.094	0.199	-0.063	0.027	0.015	-0.087	0.241
OTU 205	0.188	-0.110	0.050	-0.068	0.359	0.177	-0.107	0.192	-0.031	0.818
OTU 207	0.407	0.029	0.357	-0.181	0.280	0.233	-0.328	0.842	-0.366	0.068
OTU 208	0.210	-0.123	-0.150	-0.185	-0.022	-0.095	-0.242	0.186	-0.031	0.091
OTU 211	-0.022	-0.293	-0.090	-0.168	-0.291	-0.033	-0.202	-0.015	0.155	0.015
OTU 214	-0.394	0.213	-0.199	-0.451	-0.326	-0.015	-0.311	-0.435	-0.202	0.133
OTU 215	-0.483	0.157	-0.210	-0.679	-0.387	-0.200	-0.126	-0.336	-0.273	0.188
OTU 217	-0.639	-0.008	-0.545	-0.528	-0.528	-0.513	-0.189	-0.465	-0.015	-0.200
OTU 219	-0.505	0.192	-0.549	-0.289	-0.684	-0.318	-0.348	-0.528	0.089	-0.330
OTU 222	0.362	0.185	0.522	0.158	0.578	0.316	-0.050	0.418	-0.280	0.106
OTU 223	0.806	0.120	0.434	0.114	0.581	0.176	0.102	0.286	-0.367	0.149
OTU 224	0.245	0.096	0.215	0.013	0.239	0.124	-0.104	0.198	-0.231	0.123

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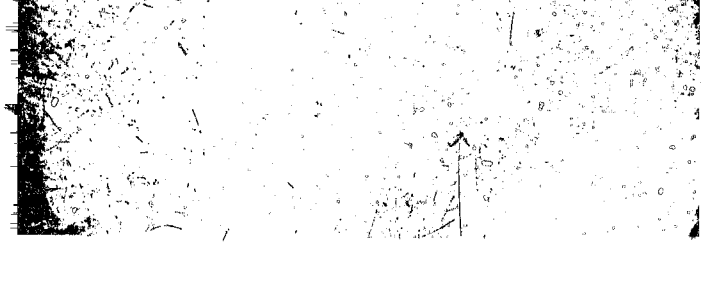


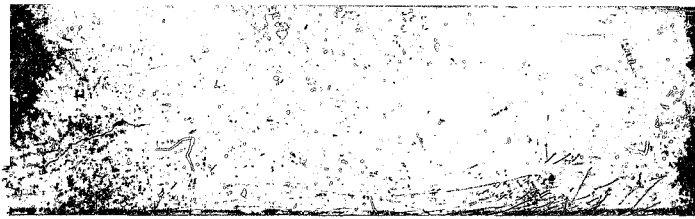
IDENTIFICATION: PAGE 15

COMPUTE CORRELATIONS

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 150	1.000									
OTU 154	-0.313	1.000								
OTU 156	-0.190	0.836	1.000							
OTU 157	-0.001	0.218	0.187	1.000						
OTU 160	-0.041	0.206	0.524	0.156	1.000					
OTU 161	0.184	0.258	0.416	0.213	0.635	1.000				
OTU 163	0.162	-0.027	0.340	-0.096	0.643	0.456	1.000			
OTU 168	0.096	0.431	0.409	0.398	0.384	0.334	0.380	1.000		
OTU 169	-0.368	0.427	0.693	0.175	0.678	0.536	0.416	0.285	1.000	
OTU 170	-0.098	0.390	0.483	0.048	0.384	0.481	0.483	0.237	0.507	1.000
OTU 172	0.141	-0.139	-0.165	-0.082	-0.085	-0.248	-0.319	-0.198	-0.397	-0.343
OTU 173	0.280	-0.188	-0.295	-0.084	-0.122	-0.303	-0.292	-0.240	-0.501	-0.446
OTU 174	-0.191	0.021	-0.161	-0.047	0.140	-0.118	-0.354	-0.069	-0.087	-0.254
OTU 175	-0.098	0.132	-0.430	0.014	-0.191	-0.208	-0.385	-0.175	-0.195	-0.209
OTU 176	-0.183	-0.154	-0.304	-0.037	-0.161	0.045	-0.238	-0.278	-0.270	-0.173
OTU 178	-0.139	-0.148	-0.108	-0.041	-0.036	0.135	0.255	-0.318	0.079	0.220
OTU 179	0.207	0.108	0.126	0.900	0.274	0.348	0.518	0.069	0.213	0.144
OTU 180	0.198	-0.270	0.199	-0.108	-0.147	-0.217	0.143	-0.278	-0.150	-0.116
OTU 184	-0.173	0.388	-0.049	0.293	0.086	0.463	0.066	0.288	0.253	0.154
OTU 185	0.068	-0.152	0.399	-0.330	0.105	-0.267	0.176	0.057	-0.026	0.198
OTU 188	-0.149	0.054	0.413	-0.234	0.399	0.037	0.347	0.065	0.274	0.218
OTU 190	-0.204	0.406	0.522	0.256	0.238	0.481	0.122	0.235	0.134	0.630
OTU 192	-0.226	-0.143	0.330	0.116	0.202	-0.070	0.121	0.303	0.261	0.101
OTU 193	-0.216	-0.025	0.313	-0.256	0.341	0.229	0.441	-0.007	0.470	0.526
OTU 195	0.115	0.187	0.009	-0.082	0.262	0.013	0.069	-0.087	0.278	0.066
OTU 198	-0.084	-0.038	0.137	0.018	-0.078	0.145	0.029	-0.347	0.069	0.021
OTU 201	-0.322	0.168	0.181	-0.204	0.242	0.186	0.368	-0.147	0.477	0.549
OTU 203	-0.137	0.060	0.428	-0.405	0.037	-0.008	0.179	-0.032	0.109	0.354
OTU 204	-0.317	0.190	0.164	-0.138	0.217	0.195	0.079	-0.298	0.363	0.234
OTU 205	-0.080	-0.030	0.203	-0.450	-0.066	-0.193	0.173	-0.181	0.102	0.267
OTU 207	-0.279	-0.094	0.328	-0.139	0.284	0.166	0.271	-0.128	0.315	0.406
OTU 208	0.042	-0.214	-0.086	-0.168	-0.112	0.086	0.179	-0.194	0.095	0.141
OTU 211	0.112	-0.328	-0.218	0.163	-0.053	-0.426	-0.155	-0.021	-0.044	-0.173
OTU 216	-0.288	0.333	-0.300	-0.069	-0.069	-0.956	-0.402	-0.019	-0.065	-0.308
OTU 217	-0.083	0.065	-0.134	-0.133	-0.187	-0.322	-0.379	-0.159	-0.190	-0.182
OTU 217	-0.008	-0.188	-0.284	-0.279	-0.231	-0.409	-0.603	-0.263	-0.432	-0.543
OTU 219	-0.024	-0.106	-0.427	-0.006	-0.271	-0.379	-0.582	-0.152	-0.501	-0.594
OTU 222	0.056	0.192	0.270	-0.027	0.164	0.311	0.528	0.062	0.451	0.434
OTU 223	-0.093	0.212	0.498	0.078	0.462	0.447	0.602	0.236	0.513	0.502
OTU 224	-0.087	0.205	0.371	0.207	0.285	0.454	0.336	0.186	0.516	0.395
OTU 226	-0.085	-0.291	0.255	-0.035	-0.013	0.090	0.381	-0.212	0.192	0.288
OTU 229	0.140	-0.223	0.037	0.340	-0.234	-0.052	-0.016	-0.012	-0.201	0.168
OTU 232	-0.116	-0.078	0.105	-0.115	-0.296	-0.106	0.107	-0.173	-0.012	0.293
OTU 233	-0.183	0.187	0.554	0.397	0.352	0.359	0.440	0.311	0.569	0.522
OTU 237	0.988	0.184	0.336	-0.059	0.156	0.435	0.578	0.145	0.404	0.543
OTU 238	-0.220	0.094	0.308	0.284	0.146	0.223	0.092	0.148	0.333	0.171
OTU 240	0.055	0.011	0.072	-0.090	-0.256	-0.128	0.120	-0.117	-0.022	0.220
OTU 242	0.288	-0.262	0.041	0.268	-0.118	0.096	0.128	0.049	-0.172	-0.087
OTU 245	0.081	-0.290	0.273	0.185	0.385	0.191	0.446	0.076	0.393	0.269
OTU 250	0.257	-0.254	0.279	-0.202	0.139	0.009	0.513	0.199	0.241	0.186

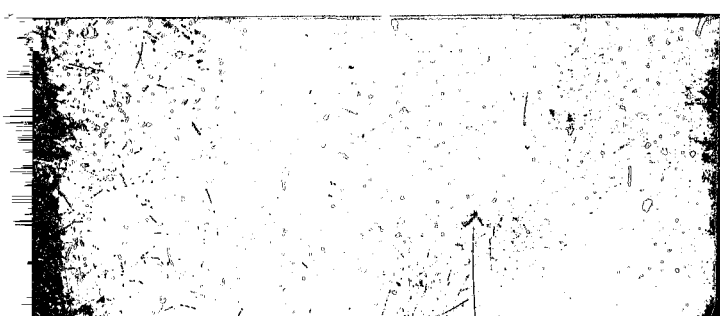
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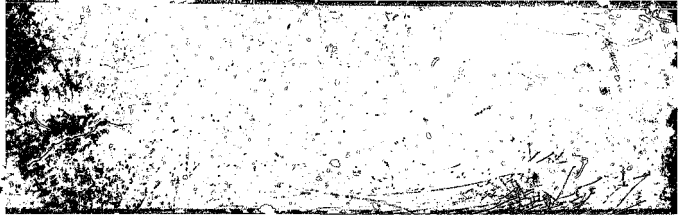




COMPUTE CORRELATIONS

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 253	0.227	-0.169	0.213	-0.195	0.059	0.105	0.466	0.195	0.174	0.201
OTU 255	0.364	-0.299	-0.031	0.005	-0.223	-0.218	0.165	0.269	-0.295	0.007
OTU 257	0.289	-0.254	0.055	0.023	0.008	-0.016	0.269	0.264	0.085	-0.182
OTU 259	-0.043	0.031	0.092	0.287	0.154	0.140	0.268	0.109	0.125	0.134
OTU 261	0.141	-0.155	0.089	0.314	-0.004	-0.019	0.175	0.273	-0.226	0.006
OTU 263	0.117	-0.138	-0.004	0.409	-0.278	-0.028	-0.044	0.023	-0.236	0.016
OTU 265	0.182	-0.039	0.069	0.006	0.094	0.072	0.304	0.133	0.159	0.120
OTU 267	0.261	-0.096	0.118	0.111	-0.059	-0.009	0.230	0.128	-0.013	0.131
OTU 269	-0.065	0.028	0.318	0.036	0.135	0.026	0.250	-0.024	0.268	0.265
OTU 271	0.094	0.026	0.390	0.132	0.120	0.150	0.063	0.195	0.350	0.057
OTU 274	-0.013	0.235	0.193	0.287	0.059	-0.067	-0.252	0.078	0.155	-0.036
OTU 275	0.173	0.025	0.085	-0.184	-0.080	-0.115	0.192	0.018	0.161	0.086
OTU 277	0.020	0.136	0.576	0.296	0.366	0.342	0.353	0.489	0.395	0.360
OTU 279	0.049	-0.055	0.009	0.392	-0.095	0.181	-0.013	0.203	0.191	-0.007
OTU 281	0.081	0.236	0.113	0.114	0.152	0.026	0.007	0.208	0.092	0.105
OTU 285	-0.024	0.262	0.138	0.108	0.360	0.335	0.621	0.530	0.420	0.503
OTU 287	0.068	-0.308	-0.059	0.339	-0.102	0.020	0.047	0.185	-0.096	-0.271
OTU 290	-0.015	0.196	0.256	0.626	-0.069	0.121	-0.109	0.256	0.062	0.146
OTU 293	-0.129	0.405	-0.026	0.276	-0.074	0.063	-0.024	0.230	0.054	0.264
OTU 295	-0.058	-0.198	-0.019	0.123	-0.197	0.121	-0.008	-0.151	-0.031	0.161
OTU 229	-0.321	0.292	-0.150	-0.038	-0.022	-0.176	-0.478	0.082	0.021	-0.235
OTU 300	-0.219	-0.048	-0.159	-0.046	-0.289	-0.380	-0.743	-0.300	-0.303	-0.335
OTU 302	0.178	-0.266	-0.336	-0.360	-0.324	-0.511	-0.453	-0.291	-0.524	-0.573
OTU 303	-0.062	-0.001	-0.303	0.004	-0.151	-0.396	-0.493	0.099	-0.181	-0.320
OTU 304	0.384	-0.384	-0.635	-0.135	-0.556	-0.940	-0.311	-0.268	-0.626	-0.679
OTU 307	0.005	-0.053	-0.487	0.036	-0.274	-0.451	-0.519	-0.197	-0.319	-0.578
OTU 309	0.618	-0.140	-0.414	-0.031	-0.246	-0.475	-0.367	-0.117	-0.333	-0.416
OTU 312	-0.135	0.067	-0.458	-0.072	-0.321	-0.330	-0.591	-0.376	-0.382	-0.420
OTU 315	-0.295	0.080	-0.208	0.014	-0.170	-0.217	-0.387	0.073	-0.120	-0.309
OTU 317	0.221	-0.383	-0.504	0.077	-0.303	-0.320	-0.543	-0.236	-0.459	-0.581
OTU 323	0.010	-0.136	-0.121	-0.159	-0.371	-0.295	-0.458	-0.235	-0.421	-0.258
OTU 326	0.286	-0.095	-0.091	-0.133	-0.421	-0.168	-0.611	-0.088	-0.476	-0.560
OTU 328	-0.266	-0.024	-0.118	-0.203	-0.254	-0.204	-0.519	-0.374	-0.230	-0.270
OTU 329	0.061	0.160	-0.366	-0.020	-0.270	-0.178	-0.344	-0.031	-0.307	-0.301
OTU 331	0.050	-0.043	-0.270	-0.168	-0.179	-0.278	-0.446	-0.068	-0.256	-0.492
OTU 334	-0.085	0.013	-0.328	-0.079	-0.108	-0.026	-0.508	-0.031	-0.275	-0.532
OTU 335	0.036	0.010	-0.379	-0.148	-0.140	-0.280	-0.223	0.133	-0.207	-0.504
OTU 338	0.071	-0.069	-0.288	-0.032	0.041	-0.102	-0.014	0.265	-0.117	-0.312



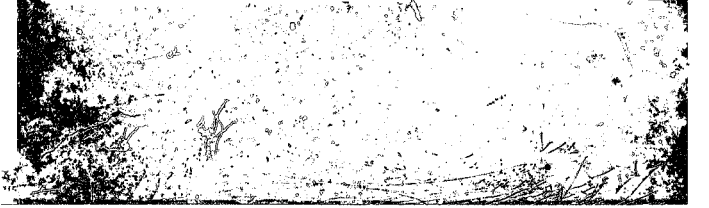


COMPUTE CORRELATIONS

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 172	1.000									
OTU 173	0.728	1.000								
OTU 174	0.557	0.597	1.000							
OTU 175	0.113	0.377	0.584	1.000						
OTU 176	0.139	0.149	0.403	0.271	1.000					
OTU 178	-0.353	-0.253	-0.165	0.016	0.142	1.000				
OTU 179	-0.108	0.148	-0.049	-0.202	-0.034	0.006	1.000			
OTU 180	0.172	-0.64	-0.267	-0.185	-0.234	0.101	-0.142	1.000		
OTU 184	-0.469	-0.414	-0.210	-0.028	0.187	-0.083	0.260	-0.096	1.000	
OTU 185	-0.081	-0.280	-0.215	-0.240	-0.111	-0.048	-0.047	0.126	-0.218	1.000
OTU 188	-0.109	-0.293	-0.012	-0.103	+0.205	-0.087	-0.058	0.062	0.005	0.510
OTU 190	-0.260	-0.271	-0.017	0.000	0.006	0.071	0.011	-0.144	0.267	0.006
OTU 192	-0.098	-0.004	0.166	-0.123	-0.128	+0.246	0.037	-0.309	-0.058	0.286
OTU 193	-0.518	-0.631	-0.295	-0.017	0.057	0.392	-0.032	0.170	0.133	0.323
OTU 195	-0.172	-0.410	-0.120	-0.214	0.028	0.068	-0.195	0.192	0.192	0.220
OTU 198	-0.284	-0.572	-0.456	-0.209	0.200	0.218	-0.379	0.348	0.145	0.091
OTU 201	-0.435	-0.501	-0.286	-0.148	-0.092	0.401	0.033	0.016	0.234	0.156
OTU 203	-0.134	-0.236	-0.148	-0.257	-0.064	0.090	-0.145	-0.038	-0.185	0.555
OTU 204	-0.179	-0.495	-0.086	-0.090	0.223	0.063	-0.300	-0.066	0.193	0.189
OTU 205	-0.255	-0.302	-0.152	-0.222	-0.152	0.267	-0.135	0.071	-0.092	0.569
OTU 207	-0.095	-0.251	-0.083	-0.119	0.002	0.305	-0.039	-0.176	-0.145	0.026
OTU 208	-0.275	-0.063	-0.242	-0.094	0.353	0.278	0.137	0.068	-0.184	0.069
OTU 211	0.010	0.030	0.021	0.068	0.258	0.018	-0.055	-0.064	-0.054	0.021
OTU 214	0.267	0.258	0.320	0.516	0.253	+0.317	-0.123	-0.155	0.000	-0.017
OTU 215	0.274	0.167	0.137	0.318	0.237	-0.324	-0.298	0.152	-0.028	0.162
OTU 217	0.551	0.577	0.595	0.319	0.390	-0.275	-0.217	-0.283	-0.233	0.154
OTU 219	0.539	0.682	0.444	0.482	0.369	-0.388	-0.072	-0.097	-0.033	-0.197
OTU 222	-0.364	-0.480	-0.345	-0.283	-0.257	0.292	0.091	0.177	0.090	0.010
OTU 223	-0.334	-0.441	-0.281	-0.283	-0.284	0.001	0.249	-0.008	0.191	0.055
OTU 224	-0.392	-0.379	-0.332	-0.191	-0.096	0.050	0.272	-0.031	0.423	0.014
OTU 226	-0.293	-0.398	-0.470	-0.256	-0.132	0.362	+0.044	0.210	-0.137	0.056
OTU 228	-0.070	0.260	-0.192	-0.001	-0.049	0.238	0.166	0.058	-0.202	-0.188
OTU 232	-0.426	-0.282	-0.448	-0.203	-0.233	0.408	-0.186	0.153	-0.108	0.139
OTU 233	-0.400	-0.305	-0.332	-0.173	-0.307	0.032	0.299	-0.084	0.094	0.035
OTU 237	-0.449	-0.307	-0.331	-0.138	-0.209	0.439	0.208	-0.139	-0.157	-0.116
OTU 238	-0.637	-0.541	-0.582	-0.063	-0.274	0.101	-0.125	0.041	0.170	+0.061
OTU 240	-0.524	-0.481	-0.508	-0.065	-0.175	0.237	-0.206	0.223	0.008	0.068
OTU 242	-0.269	-0.062	-0.429	-0.181	-0.067	0.151	0.038	0.064	-0.029	+0.211
OTU 246	-0.192	-0.167	-0.123	-0.175	-0.109	0.310	0.277	0.130	-0.201	0.061
OTU 250	-0.152	-0.087	-0.375	-0.329	-0.447	0.214	0.191	0.054	-0.089	0.145
OTU 253	-0.267	-0.286	-0.317	-0.497	-0.411	0.190	0.186	0.251	-0.132	0.261
OTU 255	0.117	0.237	0.185	0.049	0.111	0.102	0.278	0.093	-0.151	0.001
OTU 257	-0.048	0.039	0.007	-0.361	-0.349	-0.036	0.226	0.027	-0.052	0.175
OTU 258	-0.224	-0.033	-0.233	0.103	-0.255	0.264	0.155	0.011	-0.019	0.419
OTU 261	0.077	0.317	-0.185	-0.141	+0.317	0.086	0.247	0.057	-0.214	-0.138
OTU 263	-0.069	0.238	-0.289	-0.005	-0.083	0.183	0.238	0.044	-0.059	-0.204
OTU 265	-0.159	-0.151	-0.460	-0.295	-0.535	0.074	0.087	0.229	-0.270	0.074
OTU 267	-0.429	-0.227	-0.689	-0.308	-0.408	0.262	0.091	0.216	0.013	0.110
OTU 269	-0.360	-0.277	-0.596	-0.178	-0.569	0.184	-0.048	0.221	-0.155	0.123
OTU 271	-0.307	-0.280	-0.309	-0.488	-0.397	+0.030	0.176	-0.132	0.062	0.049

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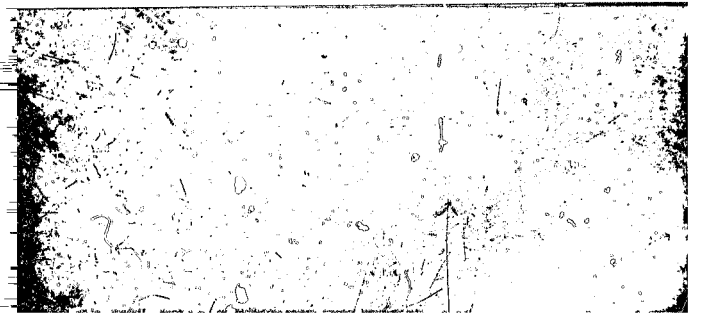




CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 276	-0.016	-0.085	-0.285	-0.210	-0.466	-0.226	-0.071	-0.077	0.041	0.035
OTU 275	-0.350	-0.161	-0.408	-0.203	-0.597	0.095	-0.019	0.166	-0.005	0.084
OTU 277	-0.241	-0.138	-0.245	-0.418	-0.432	-0.095	0.445	-0.024	0.048	0.186
OTU 279	-0.402	-0.311	-0.254	-0.201	-0.028	-0.025	0.105	0.033	0.294	-0.129
OTU 284	-0.530	-0.464	-0.520	-0.267	-0.359	-0.083	-0.031	0.326	0.311	0.089
OTU 285	-0.241	-0.184	-0.173	-0.183	-0.119	0.167	0.485	-0.100	0.230	0.044
OTU 287	-0.087	0.162	-0.109	-0.106	0.005	-0.016	0.274	0.056	0.020	-0.266
OTU 290	-0.309	-0.181	-0.284	-0.119	-0.023	-0.005	0.172	-0.131	0.272	-0.062
OTU 293	-0.329	-0.127	-0.280	0.217	-0.244	0.026	0.007	0.011	0.396	-0.186
OTU 296	-0.447	-0.285	-0.409	-0.138	-0.070	0.307	-0.089	0.100	0.183	-0.134
OTU 299	0.303	0.282	0.484	0.333	0.034	-0.329	0.014	-0.419	0.069	0.009
OTU 300	0.334	0.311	0.413	0.268	0.154	-0.189	-0.427	-0.236	-0.734	0.638
OTU 302	0.556	0.533	0.381	0.256	0.210	-0.252	-0.178	-0.109	-0.320	0.196
OTU 303	0.315	0.267	0.429	0.327	0.154	-0.350	0.054	-0.339	-0.007	0.056
OTU 306	0.346	0.536	0.315	0.398	0.303	0.044	0.037	0.167	-0.194	-0.253
OTU 307	0.235	0.349	0.273	0.414	0.166	-0.306	-0.121	0.040	0.111	-0.113
OTU 309	0.323	0.347	0.381	0.274	0.297	-0.208	0.006	0.082	-0.009	0.197
OTU 312	0.331	0.406	0.456	0.577	0.326	-0.050	-0.244	-0.092	-0.012	-0.282
OTU 315	0.306	0.274	0.503	0.323	0.241	0.040	0.059	-0.438	-0.044	-0.184
OTU 317	0.372	0.409	0.414	0.237	0.392	-0.067	-0.052	-0.074	-0.108	-0.166
OTU 323	0.275	0.172	0.214	-0.025	0.219	-0.247	-0.398	-0.111	-0.064	0.218
OTU 325	0.301	0.423	0.376	0.427	0.306	-0.288	-0.034	-0.061	-0.125	-0.042
OTU 328	0.062	-0.004	0.209	0.327	0.207	-0.098	-0.576	-0.272	0.030	-0.069
OTU 329	0.369	0.394	0.496	0.519	0.420	-0.247	0.007	-0.259	0.148	-0.126
OTU 331	0.428	0.428	0.546	0.466	0.235	-0.101	-0.130	-0.217	-0.067	0.052
OTU 334	0.356	0.389	0.547	0.455	0.195	-0.242	-0.148	-0.268	-0.048	-0.015
OTU 332	0.296	0.429	0.433	0.445	0.009	-0.238	0.168	-0.296	-0.034	-0.058
OTU 336	0.294	0.518	0.583	0.383	0.251	-0.078	0.409	-0.279	-0.076	-0.147



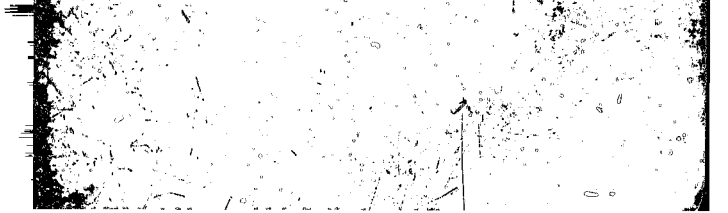


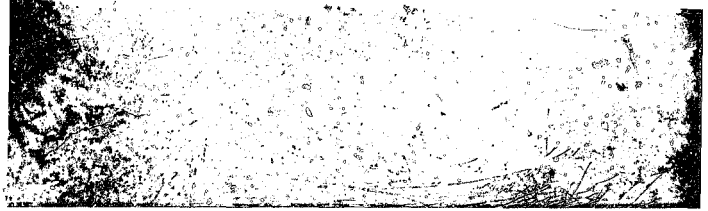
IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 198	OTU 201	OTU 203	OTU 204	OTU 205
OTU 188	1.000									
OTU 190	0.085	1.000								
OTU 192	0.140	-0.057	1.000							
OTU 193	0.357	0.117	0.086	1.000						
OTU 195	0.456	-0.173	-0.126	0.350	1.000					
OTU 198	0.154	0.026	-0.331	0.324	0.427	1.000				
OTU 201	0.462	0.218	-0.128	0.604	0.405	0.289	1.000			
OTU 203	0.381	0.133	0.065	0.225	0.059	0.134	0.321	1.000		
OTU 204	0.314	0.087	-0.195	0.403	0.433	0.481	0.489	0.484	1.000	
OTU 205	0.522	0.128	0.118	0.388	0.335	0.123	0.620	0.418	0.176	1.000
OTU 207	0.352	0.063	0.033	0.425	0.262	0.283	0.609	0.372	0.321	0.305
OTU 208	0.069	-0.026	-0.107	0.418	0.104	0.403	0.518	0.173	0.890	0.068
OTU 211	0.232	-0.157	0.151	-0.046	0.045	0.176	-0.085	0.082	-0.139	-0.062
OTU 214	0.157	-0.227	0.224	-0.182	0.298	-0.255	-0.143	-0.163	0.165	-0.058
OTU 215	0.115	-0.135	-0.024	-0.114	0.081	-0.067	-0.166	0.277	0.308	-0.120
OTU 217	-0.046	-0.107	0.146	-0.353	-0.048	-0.285	-0.346	0.056	-0.037	0.004
OTU 219	-0.239	-0.403	0.001	-0.566	-0.145	-0.315	-0.414	-0.209	-0.110	-0.387
OTU 222	0.598	0.237	-0.027	0.484	0.353	0.301	0.516	0.089	0.080	0.377
OTU 223	0.338	0.319	0.121	0.452	0.206	0.201	0.532	0.089	0.029	0.284
OTU 224	0.140	0.260	0.078	0.187	0.205	0.102	0.388	0.157	0.188	0.098
OTU 226	0.036	0.111	0.009	0.324	-0.056	0.423	0.480	0.328	0.152	0.212
OTU 228	0.425	0.193	0.118	-0.070	-0.510	-0.167	-0.073	-0.005	-0.905	-0.147
OTU 232	-0.036	0.092	-0.167	0.241	-0.064	0.228	0.390	0.329	0.056	0.038
OTU 233	0.145	0.159	0.209	0.284	0.039	0.049	0.394	0.171	0.050	0.062
OTU 237	0.136	0.303	-0.091	0.490	-0.019	0.115	0.557	0.197	0.051	0.215
OTU 238	0.059	0.137	0.102	0.297	0.122	0.378	0.168	-0.069	0.037	0.062
OTU 240	0.061	0.235	-0.342	0.349	0.104	0.117	0.303	0.183	0.022	0.172
OTU 242	-0.099	-0.037	-0.091	-0.058	-0.025	0.301	-0.030	-0.139	-0.208	-0.026
OTU 245	0.033	0.066	0.155	0.367	0.206	0.045	0.283	-0.108	-0.108	0.130
OTU 250	0.145	0.138	0.235	0.396	-0.072	-0.056	0.266	0.094	-0.326	0.325
OTU 253	0.060	0.063	0.807	0.298	-0.026	0.001	0.128	0.117	-0.960	0.096
OTU 256	-0.337	0.056	0.088	0.304	-0.191	-0.191	0.198	0.200	-0.674	0.078
OTU 257	0.033	-0.098	0.020	-0.181	0.019	-0.311	-0.142	0.068	-0.360	0.094
OTU 258	-0.140	0.047	-0.151	-0.030	-0.064	0.106	0.239	-0.193	-0.302	-0.130
OTU 261	0.254	-0.072	0.203	0.283	-0.127	0.267	0.417	0.196	0.201	0.004
OTU 263	-0.426	0.013	-0.749	-0.215	-0.362	0.034	-0.111	-0.195	-0.330	-0.301
OTU 265	0.099	-0.077	0.073	0.031	0.126	0.006	0.058	0.152	-0.230	0.013
OTU 267	-0.075	0.014	-0.161	0.197	0.143	0.114	0.186	-0.048	-0.167	0.109
OTU 269	0.181	0.158	0.158	0.186	0.087	0.134	0.413	0.262	0.040	0.105
OTU 271	0.038	0.063	0.281	0.071	-0.057	-0.019	0.171	0.318	0.207	0.246
OTU 274	0.061	-0.011	-0.069	-0.231	0.221	0.037	0.164	-0.027	0.039	0.115
OTU 275	0.021	0.056	0.013	0.021	-0.098	-0.140	0.258	0.195	-0.146	0.364
OTU 277	0.101	0.262	0.419	0.066	-0.224	-0.226	0.045	0.108	-0.209	0.055
OTU 279	-0.269	0.079	0.136	0.006	0.137	0.225	0.043	-0.215	-0.241	-0.024
OTU 284	0.039	-0.033	0.016	0.190	0.357	0.251	0.038	-0.135	0.149	0.088
OTU 285	0.117	0.282	0.187	0.267	-0.049	-0.171	0.359	0.122	-0.098	0.086
OTU 287	-0.377	-0.167	0.035	-0.129	-0.147	0.027	-0.260	-0.325	-0.573	-0.400
OTU 290	-0.304	0.231	0.115	0.014	-0.021	0.114	-0.117	-0.182	-0.096	-0.212
OTU 293	0.025	0.146	-0.263	-0.002	0.076	0.143	0.150	-0.021	0.036	0.195
OTU 294	-0.200	0.075	-0.228	0.145	-0.237	0.244	0.236	0.005	0.075	-0.080

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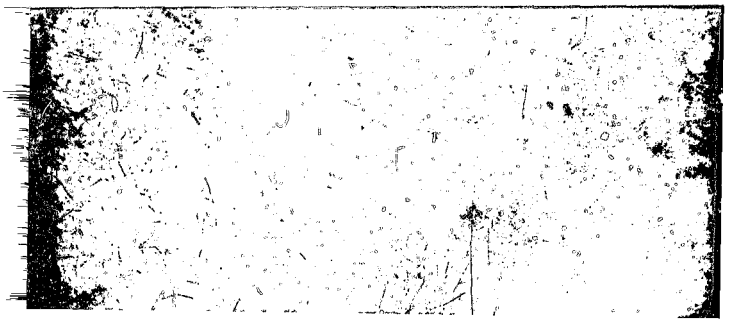


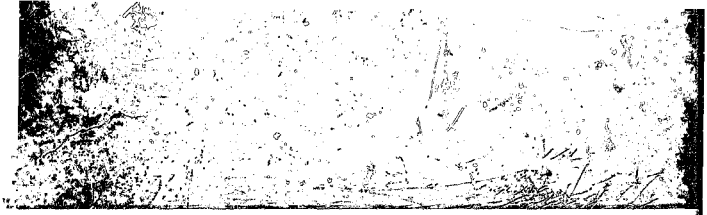


CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 188	OTU 190	OTU 192	OTU 193	OTU [illegible]	OTU 198	OTU 201	OTU 203	OTU 204	OTU 205
OTU 299	0.023	-0.164	0.267	-0.320	0.[illegible]	-0.295	-0.081	0.062	0.124	-0.016
OTU 300	-0.162	-0.081	0.115	-0.330	-0.0[illegible]	-0.104	-0.356	-0.075	0.111	0.010
OTU 302	0.025	-0.422	0.066	-0.174	-0.1[illegible]	-0.282	-0.402	-0.022	0.036	-0.007
OTU 303	-0.006	-0.394	0.369	-0.221	0.1[illegible]	-0.299	-0.354	-0.130	0.111	-0.176
OTU 304	-0.364	-0.406	-0.101	-0.390	-0.112	-0.148	-0.408	-0.329	-0.403	-0.201
OTU 307	-0.009	-0.457	-0.035	-0.000	0.207	-0.107	-0.324	-0.352	0.066	-0.166
OTU 309	0.132	-0.374	0.068	-0.259	0.292	-0.174	-0.178	-0.158	0.111	-0.011
OTU 312	-0.110	-0.212	-0.203	-0.450	-0.007	-0.037	-0.215	-0.054	0.175	-0.080
OTU 315	-0.237	-0.166	0.400	-0.281	-0.040	-0.221	-0.275	-0.186	-0.011	-0.122
OTU 317	-0.500	-0.321	0.000	-0.474	-0.226	-0.156	-0.519	-0.317	-0.216	-0.364
OTU 323	0.007	-0.192	-0.006	-0.359	0.082	0.121	-0.288	0.162	0.143	0.113
OTU 325	-0.120	-0.455	0.155	-0.524	-0.090	-0.152	-0.500	-0.167	-0.178	-0.170
OTU 328	0.202	-0.068	-0.138	-0.185	0.165	0.187	-0.167	0.226	0.880	0.178
OTU 329	-0.096	-0.068	-0.106	-0.823	-0.091	-0.188	-0.364	-0.230	0.037	-0.220
OTU 331	0.100	-0.335	0.162	-0.436	0.160	-0.109	-0.283	0.090	0.881	0.092
OTU 334	0.064	-0.315	0.223	-0.426	0.099	-0.312	-0.438	-0.166	0.084	-0.068
OTU 335	0.090	-0.426	0.336	-0.165	-0.096	-0.465	-0.364	-0.048	-0.138	-0.097
OTU 338	-0.106	-0.098	0.420	-0.289	-0.218	-0.577	-0.351	-0.843	-0.384	-0.114





IDENTIFICATION:

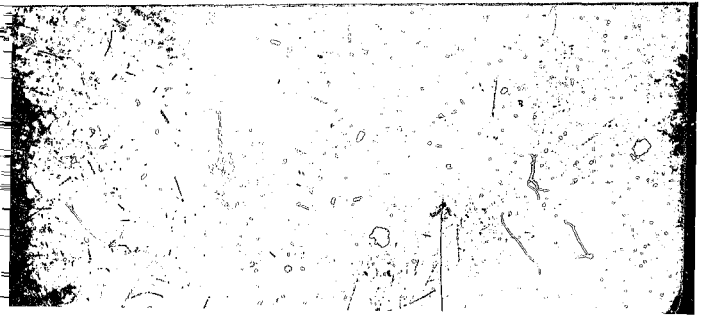
COMPUT. CORRELATIONS

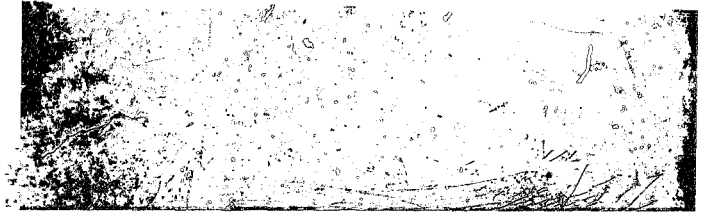
	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 207	1.000									
OTU 208	0.329	1.000								
OTU 211	0.220	0.275	1.000							
OTU 214	-0.107	-0.179	0.166	1.000						
OTU 215	-0.021	0.028	0.056	0.526	1.000					
OTU 217	-0.236	-0.003	0.013	0.457	0.576	1.000				
OTU 219	-0.386	-0.104	0.015	0.578	0.501	0.731	1.000			
OTU 222	0.481	0.214	-0.190	-0.342	-0.349	-0.526	-0.623	1.000		
OTU 223	0.490	0.185	-0.216	-0.323	-0.287	-0.453	-0.544	0.844	1.000	
OTU 224	0.240	0.254	-0.203	-0.087	+0.009	-0.293	-0.206	0.493	0.516	1.000
OTU 226	0.606	0.373	0.183	-0.418	-0.320	-0.435	-0.493	0.560	0.477	0.339
OTU 228	0.123	0.163	0.331	-0.396	-0.308	-0.166	-0.066	-0.184	-0.104	-0.123
OTU 232	0.371	0.312	0.199	-0.137	-0.181	-0.221	-0.362	0.192	0.197	0.089
OTU 233	0.280	0.142	-0.160	-0.356	-0.263	-0.456	-0.390	0.427	0.459	0.598
OTU 237	0.571	0.268	-0.164	-0.378	-0.368	-0.510	-0.522	0.630	0.625	0.474
OTU 238	0.219	0.230	-0.069	-0.283	-0.335	-0.430	-0.446	0.337	0.295	0.357
OTU 240	0.293	0.382	0.278	-0.266	-0.089	-0.364	-0.433	0.283	0.213	0.152
OTU 242	0.236	0.280	0.234	-0.298	-0.453	-0.341	-0.196	0.167	0.031	0.042
OTU 249	0.115	0.151	0.023	-0.267	-0.409	-0.303	-0.243	0.450	0.569	0.345
OTU 250	0.305	0.294	-0.023	-0.435	-0.325	-0.358	-0.367	0.553	0.522	0.276
OTU 253	0.193	0.199	-0.091	-0.350	-0.318	-0.285	-0.680	0.478	0.470	0.279
OTU 255	0.098	0.112	0.105	-0.236	-0.328	-0.116	-0.269	-0.018	0.052	0.117
OTU 257	-0.118	-0.174	-0.018	-0.146	-0.165	-0.012	-0.122	0.056	0.069	0.066
OTU 258	0.400	0.199	0.066	-0.143	-0.486	-0.409	-0.204	0.156	0.156	0.178
OTU 261	+0.038	+0.212	0.080	-0.300	-0.499	+0.201	0.003	-0.127	-0.049	-0.136
OTU 263	0.402	0.186	0.307	-0.323	-0.368	-0.154	0.057	0.046	-0.189	0.038
OTU 265	0.106	-0.008	-0.186	-0.483	-0.276	-0.267	-0.343	0.505	0.430	0.335
OTU 267	0.069	0.299	0.065	-0.374	-0.476	-0.358	-0.351	0.196	0.099	0.135
OTU 269	0.253	0.119	-0.150	-0.414	-0.274	-0.359	-0.379	0.290	0.265	0.218
OTU 271	0.035	0.171	-0.230	-0.340	-0.161	-0.059	-0.274	0.168	0.190	0.306
OTU 274	0.016	0.005	-0.240	-0.004	-0.176	0.097	0.103	0.091	0.089	0.219
OTU 276	0.053	0.168	-0.177	-0.251	-0.272	-0.195	-0.270	0.228	0.139	0.213
OTU 277	-0.061	-0.082	-0.290	-0.347	-0.400	-0.246	-0.298	0.356	0.496	0.462
OTU 279	-0.031	0.257	0.164	-0.221	-0.296	-0.189	-0.176	0.259	0.137	0.376
OTU 284	-0.253	-0.086	-0.193	-0.012	-0.225	-0.278	-0.228	0.225	0.161	0.260
OTU 287	0.196	0.123	-0.213	-0.216	-0.173	-0.375	-0.469	0.158	0.536	0.356
OTU 287	0.026	0.309	0.173	-0.285	-0.229	-0.052	-0.065	0.028	-0.093	0.129
OTU 290	-0.011	0.038	0.168	-0.051	-0.289	-0.224	-0.115	0.183	0.108	0.091
OTU 293	0.045	0.095	0.116	0.015	-0.043	0.343	0.079	-0.007	-0.069	0.095
OTU 294	0.112	0.369	0.161	-0.423	-0.301	-0.368	-0.177	-0.048	-0.108	0.117
OTU 299	-0.081	0.002	-0.050	0.277	0.422	0.630	0.540	-0.322	-0.253	-0.004
OTU 300	-0.180	-0.178	0.170	0.476	0.306	0.607	0.461	-0.484	-0.338	+0.290
OTU 302	-0.320	-0.089	0.084	0.465	0.486	0.781	0.691	-0.607	-0.504	-0.463
OTU 303	-0.272	-0.217	0.257	0.710	0.555	0.543	0.517	-0.453	-0.398	-0.220
OTU 304	-0.334	0.116	0.369	0.104	0.167	0.468	0.384	-0.396	-0.345	-0.493
OTU 307	-0.400	-0.158	0.095	0.738	0.348	0.477	0.672	-0.526	-0.526	-0.176
OTU 309	-0.234	-0.006	0.190	0.715	0.340	0.515	0.538	-0.515	-0.561	-0.285
OTU 312	-0.156	-0.102	0.126	0.398	0.454	0.475	0.561	-0.471	-0.467	-0.371
OTU 315	-0.032	-0.075	0.327	0.559	0.269	0.468	0.482	-0.212	-0.252	-0.216
OTU 317	-0.382	-0.065	0.422	0.227	0.277	0.533	0.466	-0.464	-0.515	-0.263

	OTU 226	OTU 228	OTU 232	OTU 233	OTU 237	OTU 238	OTU 240	OTU 242	OTU 249	OTU 250
OTU 226	1.000									
OTU 228	0.123	1.000								
OTU 232	0.371	0.312	1.000							
OTU 233	0.280	0.142	-0.160	-0.356	+0.263	-0.456	-0.390	0.427	0.459	0.598
OTU 237	0.571	0.268	-0.164	-0.378	-0.368	-0.510	-0.522	0.630	0.625	0.474
OTU 238	0.219	0.230	-0.069	-0.283	-0.335	-0.430	-0.446	0.337	0.295	0.357
OTU 240	0.293	0.382	0.278	-0.266	-0.089	-0.364	-0.433	0.283	0.213	0.152
OTU 242	0.236	0.280	0.234	-0.298	-0.453	-0.341	-0.196	0.167	0.031	0.042
OTU 249	0.115	0.151	0.023	-0.267	-0.409	-0.303	-0.243	0.450	0.569	0.345
OTU 250	0.305	0.294	-0.023	-0.435	-0.325	-0.358	-0.367	0.553	0.522	0.276
OTU 253	0.193	0.199	-0.091	-0.350	-0.318	-0.285	-0.680	0.478	0.470	0.279
OTU 255	0.098	0.112	0.105	-0.236	-0.328	-0.116	-0.269	-0.018	0.052	0.117
OTU 257	-0.118	-0.174	-0.018	-0.146	-0.165	-0.012	-0.122	0.056	0.069	0.066
OTU 258	0.400	0.199	0.066	-0.143	-0.486	-0.409	-0.204	0.156	0.156	0.178
OTU 261	+0.038	+0.212	0.080	-0.300	-0.499	+0.201	0.003	-0.127	-0.049	-0.136
OTU 263	0.402	0.186	0.307	-0.323	-0.368	-0.154	0.057	0.046	-0.189	0.038
OTU 265	0.106	-0.008	-0.186	-0.483	-0.276	-0.267	-0.343	0.505	0.430	0.335
OTU 267	0.069	0.299	0.065	-0.374	-0.476	-0.358	-0.351	0.196	0.099	0.135
OTU 269	0.253	0.119	-0.150	-0.414	-0.274	-0.359	-0.379	0.290	0.265	0.218
OTU 271	0.035	0.171	-0.230	-0.340	-0.161	-0.059	-0.274	0.168	0.190	0.306
OTU 274	0.016	0.005	-0.240	-0.004	-0.176	0.097	0.103	0.091	0.089	0.219
OTU 276	0.053	0.168	-0.177	-0.251	-0.272	-0.195	-0.270	0.228	0.139	0.213
OTU 277	-0.061	-0.082	-0.290	-0.347	-0.400	-0.246	-0.298	0.356	0.496	0.462
OTU 279	-0.031	0.257	0.164	-0.221	-0.296	-0.189	-0.176	0.259	0.137	0.376
OTU 284	-0.253	-0.086	-0.193	-0.012	-0.225	-0.278	-0.228	0.225	0.161	0.260
OTU 287	0.196	0.123	-0.213	-0.216	-0.173	-0.375	-0.469	0.158	0.536	0.356
OTU 287	0.026	0.309	0.173	-0.285	-0.229	-0.052	-0.065	0.028	-0.093	0.129
OTU 290	-0.011	0.038	0.168	-0.051	-0.289	-0.224	-0.115	0.183	0.108	0.091
OTU 293	0.045	0.095	0.116	0.015	-0.043	0.343	0.079	-0.007	-0.069	0.095
OTU 294	0.112	0.369	0.161	-0.423	-0.301	-0.368	-0.177	-0.048	-0.108	0.117
OTU 299	-0.081	0.002	-0.050	0.277	0.422	0.630	0.540	-0.322	-0.253	-0.004
OTU 300	-0.180	-0.178	0.170	0.476	0.306	0.607	0.461	-0.484	-0.338	+0.290
OTU 302	-0.320	-0.089	0.084	0.465	0.486	0.781	0.691	-0.607	-0.504	-0.463
OTU 303	-0.272	-0.217	0.257	0.710	0.555	0.543	0.517	-0.453	-0.398	-0.220
OTU 304	-0.334	0.116	0.369	0.104	0.167	0.468	0.384	-0.396	-0.345	-0.493
OTU 307	-0.400	-0.158	0.095	0.738	0.348	0.477	0.672	-0.526	-0.526	-0.176
OTU 309	-0.234	-0.006	0.190	0.715	0.340	0.515	0.538	-0.515	-0.561	-0.285
OTU 312	-0.156	-0.102	0.126	0.398	0.454	0.475	0.561	-0.471	-0.467	-0.371
OTU 315	-0.032	-0.075	0.327	0.559	0.269	0.468	0.482	-0.212	-0.252	-0.216
OTU 317	-0.382	-0.065	0.422	0.227	0.277	0.533	0.466	-0.464	-0.515	-0.263

	OTU 253	OTU 255	OTU 257	OTU 258	OTU 261	OTU 263	OTU 265	OTU 267	OTU 269	OTU 271
OTU 253	1.000									
OTU 255	0.098	1.000								
OTU 257	-0.118	-0.174	-0.018	-0.146	-0.165	-0.012	-0.122	0.056	0.069	0.066
OTU 258	0.400	0.199	0.066	-0.143	-0.486	-0.409	-0.204	0.156	0.156	0.178
OTU 261	+0.038	+0.212	0.080	-0.300	-0.499	+0.201	0.003	-0.127	-0.049	-0.136
OTU 263	0.402	0.186	0.307	-0.323	-0.368	-0.154	0.057	0.046	-0.189	0.038
OTU 265	0.106	-0.008	-0.186	-0.483	-0.276	-0.267	-0.343	0.505	0.430	0.335
OTU 267	0.069	0.299	0.065	-0.374	-0.476	-0.358	-0.351	0.196	0.099	0.135
OTU 269	0.253	0.119	-0.150	-0.414	-0.274	-0.359	-0.379	0.290	0.265	0.218
OTU 271	0.035	0.171	-0.230	-0.340	-0.161	-0.059	-0.274	0.168	0.190	0.306
OTU 274	0.016	0.005	-0.240	-0.004	-0.176	0.097	0.103	0.091	0.089	0.219
OTU 276	0.053	0.168	-0.177	-0.251	-0.272	-0.195	-0.270	0.228	0.139	0.213
OTU 277	-0.061	-0.082	-0.290	-0.347	-0.400	-0.246	-0.298	0.356	0.496	0.462
OTU 279	-0.031	0.257	0.164	-0.221	-0.296	-0.189	-0.176	0.259	0.137	0.376
OTU 284	-0.253	-0.086	-0.193	-0.012	-0.225	-0.278	-0.228	0.225	0.161	0.260
OTU 287	0.196	0.123	-0.213	-0.216	-0.173	-0.375	-0.469	0.158	0.536	0.356
OTU 287	0.026	0.309	0.173	-0.285	-0.229	-0.052	-0.065	0.028	-0.093	0.129
OTU 290	-0.011	0.038	0.168	-0.051	-0.289	-0.224	-0.115	0.183	0.108	0.091
OTU 293	0.045	0.095	0.116	0.015	-0.043	0.343	0.079	-0.007	-0.069	0.095
OTU 294	0.112	0.369	0.161	-0.423	-0.301	-0.368	-0.177	-0.048	-0.108	0.117
OTU 299	-0.081	0.002	-0.050	0.277	0.422	0.630	0.540	-0.322	-0.253	-0.004
OTU 300	-0.180	-0.178	0.170	0.476	0.306	0.607	0.461	-0.484	-0.338	+0.290
OTU 302	-0.320	-0.089	0.084	0.465	0.486	0.781	0.691	-0.607	-0.504	-0.463
OTU 303	-0.272	-0.217	0.257	0.710	0.555	0.543	0.517	-0.453	-0.398	-0.220
OTU 304	-0.334	0.116	0.369	0.104	0.167	0.468	0.384	-0.396	-0.345	-0.493
OTU 307	-0.400	-0.158	0.095	0.738	0.348	0.477	0.672	-0.526	-0.526	-0.176
OTU 309	-0.234	-0.006	0.190	0.715	0.340	0.515	0.538	-0.515	-0.561	-0.285
OTU 312	-0.156	-0.102	0.126	0.398	0.454	0.475	0.561	-0.471	-0.467	-0.371
OTU 315	-0.032	-0.075	0.327	0.559	0.269	0.468	0.482	-0.212	-0.252	-0.216
OTU 317	-0.382	-0.065	0.422	0.227	0.277	0.533	0.466	-0.464	-0.515	-0.263

PLEASE TURN THE PAGE



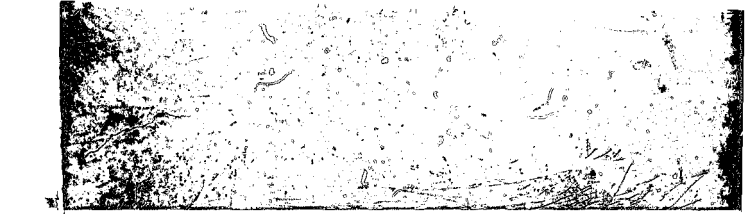


CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 323	-0.070	-0.079	0.300	0.334	0.386	0.484	0.389	-0.409	-0.389	-0.192
OTU 325	-0.260	0.080	0.318	0.[illegible]	0.509	0.594	0.533	-0.412	-0.467	-0.212
OTU 328	-0.088	-0.098	0.084	[illegible]	0.529	0.399	0.266	-0.428	-0.418	-0.218
OTU 329	-0.242	-0.029	0.217	0.	0.466	0.476	0.517	-0.461	-0.393	-0.077
OTU 331	-0.122	-0.036	0.092	0.[illegible]	0.625	0.689	0.602	-0.404	-0.173	-0.170
OTU 334	-0.326	-0.289	0.086	0.747	0.508	0.582	0.608	-0.555	-0.518	-0.357
OTU 335	-0.300	-0.189	0.002	0.582	0.503	0.496	0.531	-0.425	-0.355	-0.188
OTU 338	-0.212	-0.051	0.047	0.440	0.211	0.396	0.400	-0.208	-0.151	-0.079

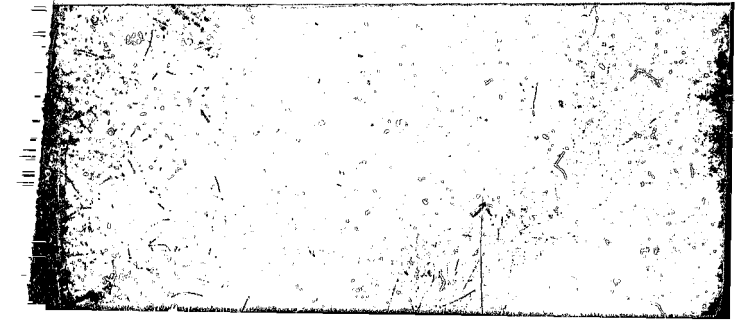


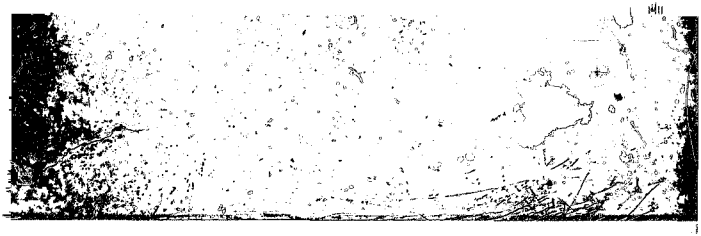


IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 226	OTU 228	OTU 232	OTU 233	OTU 237	OTU 238	OTU 240	OTU 242	OTU 245	OTU 250
OTU 226	1.000									
OTU 228	0.288	1.000								
OTU 232	0.687	0.469	1.000							
OTU 233	0.417	0.155	0.270	1.000						
OTU 237	0.590	0.193	0.460	0.482	1.000					
OTU 238	0.328	0.122	0.424	0.387	0.329	1.000				
OTU 240	0.483	0.353	0.701	0.269	0.426	0.506	1.000			
OTU 242	0.305	0.449	0.313	0.156	0.309	0.565	0.383	1.000		
OTU 245	0.484	0.178	0.328	0.437	0.688	0.190	0.416	0.207	1.000	
OTU 250	0.493	0.215	0.276	0.355	0.508	0.404	0.416	0.281	0.482	1.000
OTU 253	0.395	0.251	0.289	0.276	0.300	0.370	0.309	0.239	0.480	0.777
OTU 255	0.162	0.694	0.350	0.119	0.210	0.126	0.360	0.371	0.306	0.510
OTU 257	-0.020	-0.005	-0.020	0.185	0.006	-0.090	-0.067	-0.020	-0.298	0.385
OTU 156	0.645	0.492	0.537	0.418	0.582	0.471	0.428	0.554	0.476	0.280
OTU 161	0.164	0.618	0.317	0.267	0.186	0.077	0.128	0.393	0.304	0.192
OTU 163	0.211	0.782	0.402	0.277	0.185	0.197	0.288	0.503	0.195	-0.048
OTU 165	0.594	0.232	0.407	0.481	0.383	0.352	0.292	0.285	0.480	0.319
OTU 167	0.273	0.413	0.609	0.346	0.293	0.520	0.517	0.602	0.315	0.419
OTU 169	0.531	0.334	0.664	0.606	0.405	0.429	0.527	0.276	0.309	0.381
OTU 171	0.201	0.017	0.261	0.377	0.173	0.317	0.064	0.106	0.167	0.359
OTU 174	0.031	0.024	0.481	0.312	0.103	0.329	0.195	0.256	0.117	0.054
OTU 175	0.315	0.021	0.467	0.310	0.447	0.358	0.429	0.294	0.123	0.133
OTU 177	0.315	0.148	0.158	0.534	0.371	0.313	-0.104	0.002	0.449	0.393
OTU 179	0.144	0.099	0.099	0.434	0.098	0.245	0.204	0.413	0.299	0.265
OTU 184	0.016	-0.187	0.176	0.189	0.187	0.474	0.326	0.213	0.162	0.139
OTU 186	0.328	0.136	0.377	0.512	0.662	0.473	0.278	0.272	0.345	0.463
OTU 187	0.123	0.399	0.431	0.202	0.119	0.275	0.250	0.444	0.311	0.385
OTU 190	0.125	0.289	0.265	0.278	0.266	0.436	0.267	0.999	0.282	-0.007
OTU 193	-0.069	0.171	0.233	0.255	0.258	0.289	0.457	0.216	-0.287	-0.134
OTU 194	0.367	0.489	0.477	0.299	0.342	0.385	0.457	0.361	0.082	0.225
OTU 198	-0.251	-0.318	-0.121	-0.219	-0.257	-0.090	-0.339	-0.296	-0.281	-0.343
OTU 200	-0.366	-0.034	-0.118	-0.402	-0.009	-0.068	-0.214	0.000	-0.296	-0.420
OTU 202	-0.484	-0.005	-0.307	-0.629	-0.595	-0.436	-0.371	-0.212	-0.457	-0.298
OTU 203	-0.520	-0.217	-0.387	-0.522	-0.604	-0.381	-0.415	-0.288	-0.533	-0.334
OTU 204	-0.201	0.150	-0.049	-0.501	-0.375	-0.191	-0.054	-0.004	-0.236	-0.095
OTU 207	-0.569	-0.252	-0.261	-0.473	-0.486	-0.146	-0.231	-0.072	-0.445	-0.562
OTU 209	-0.079	-0.055	-0.308	-0.409	-0.501	-0.311	-0.317	-0.182	-0.318	-0.408
OTU 212	-0.405	-0.140	-0.243	-0.531	-0.419	-0.244	-0.266	-0.083	-0.569	-0.633
OTU 215	-0.206	-0.160	-0.253	-0.325	-0.264	-0.152	-0.378	-0.011	-0.194	-0.258
OTU 217	-0.217	0.027	-0.219	-0.447	-0.367	-0.294	-0.294	-0.082	-0.149	-0.249
OTU 223	-0.313	-0.134	-0.217	-0.478	-0.380	-0.174	-0.182	0.086	-0.119	-0.423
OTU 227	-0.410	-0.167	-0.304	-0.537	-0.542	-0.117	-0.195	0.006	-0.401	-0.161
OTU 228	-0.341	-0.209	-0.052	-0.382	-0.407	0.049	0.072	-0.068	-0.620	-0.349
OTU 229	-0.531	-0.233	-0.306	-0.480	-0.352	-0.229	-0.171	-0.139	-0.476	-0.476
OTU 231	-0.504	-0.419	-0.385	-0.478	-0.485	-0.260	-0.358	-0.134	-0.466	-0.376
OTU 234	-0.580	-0.364	-0.483	-0.529	-0.644	-0.216	-0.414	-0.169	-0.548	-0.427
OTU 235	-0.581	-0.315	-0.482	-0.579	-0.649	-0.276	-0.397	-0.215	-0.587	-0.493
OTU 236	-0.486	-0.070	-0.486	-0.216	-0.230	-0.220	-0.430	-0.079	-0.094	0.039

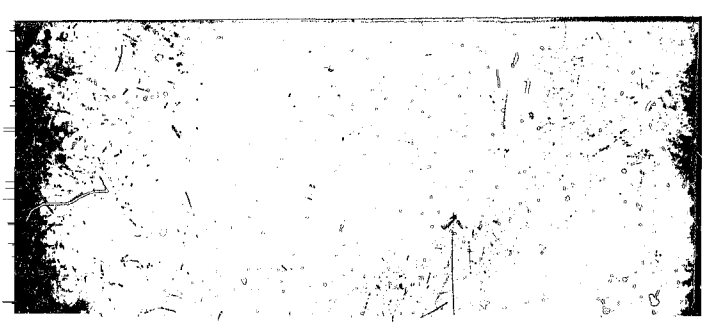


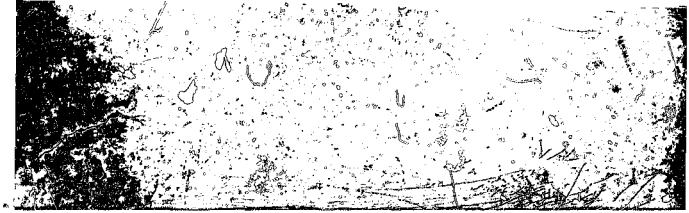


CONTINUATION OF

COMPUTE CORRELATIONS

	OTU 131	OTU 133	OTU 136	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	0.508	-0.071	0.399	0.170	0.355	0.165	-0.140	0.435	0.067	-0.021
OTU 228	0.230	-0.361	-0.186	0.051	-0.001	0.150	-0.048	0.195	0.273	-0.366
OTU 232	0.271	-0.341	0.115	0.096	0.207	0.065	0.052	0.141	0.247	-0.019
OTU 233	0.299	0.005	0.337	0.278	0.391	0.320	-0.140	0.458	-0.286	-0.055
OTU 237	0.488	0.018	0.287	0.204	0.466	0.249	-0.084	0.401	-0.187	0.000
OTU 238	0.269	-0.165	0.337	0.207	0.311	0.165	0.162	0.378	0.083	0.268
OTU 240	0.254	-0.165	0.212	-0.040	0.128	0.279	-0.001	0.230	0.138	0.261
OTU 242	0.127	-0.167	0.017	0.196	0.062	0.156	-0.093	0.351	0.197	-0.140
OTU 245	0.376	-0.179	0.259	0.184	0.286	0.348	-0.189	0.174	-0.046	-0.133
OTU 250	0.171	-0.400	0.112	-0.054	0.272	0.375	0.070	0.369	-0.224	-0.099
OTU 253	0.109	-0.337	0.114	-0.083	0.308	0.281	0.051	0.272	-0.081	-0.085
OTU 255	-0.072	-0.515	-0.261	0.001	-0.224	0.181	0.061	0.217	0.086	-0.335
OTU 257	-0.153	-0.348	-0.104	-0.037	0.081	0.316	-0.069	-0.030	-0.081	-0.203
OTU 258	0.131	-0.085	0.218	0.218	0.227	0.232	-0.131	0.372	-0.043	-0.289
OTU 261	-0.028	-0.220	-0.034	0.317	-0.039	0.160	-0.095	0.181	0.080	0.477
OTU 263	0.110	-0.292	-0.128	0.225	-0.219	-0.080	-0.102	0.155	0.376	-0.367
OTU 265	0.096	-0.116	0.139	0.082	0.318	0.116	0.050	0.282	-0.076	-0.260
OTU 267	0.164	-0.132	0.134	0.283	0.161	0.236	0.161	0.476	0.248	0.196
OTU 269	0.321	-0.103	0.452	0.309	0.371	0.339	-0.007	0.475	0.019	-0.079
OTU 271	0.100	-0.279	0.161	-0.091	0.231	-0.057	0.231	0.175	-0.021	0.039
OTU 274	0.027	-0.066	0.196	-0.027	0.055	-0.064	-0.160	0.298	0.008	-0.037
OTU 275	0.128	-0.258	-0.013	-0.169	0.150	0.272	-0.006	0.378	0.133	0.127
OTU 277	0.141	-0.165	0.187	0.164	0.327	0.025	0.292	0.186	-0.150	-0.115
OTU 279	0.099	-0.130	0.059	0.198	0.017	-0.049	-0.166	0.455	0.183	0.057
OTU 284	0.081	0.056	0.167	0.221	0.283	0.163	0.281	0.364	0.308	0.312
OTU 285	0.016	-0.180	0.119	0.143	0.521	0.266	0.307	0.287	-0.326	0.002
OTU 287	-0.045	-0.353	-0.141	-0.003	-0.210	-0.007	-0.037	0.187	0.103	-0.345
OTU 290	0.097	-0.011	0.119	0.085	-0.005	0.126	0.061	0.302	0.227	0.083
OTU 293	0.029	-0.178	0.145	0.083	-0.003	0.115	-0.047	0.346	0.040	0.119
OTU 296	0.193	-0.224	-0.011	0.317	-0.160	0.116	-0.159	0.388	0.552	-0.004
OTU 299	-0.364	0.106	-0.146	-0.574	-0.171	-0.978	-0.063	-0.304	-0.173	-0.015
OTU 300	-0.004	-0.007	-0.297	-0.345	-0.467	-0.330	-0.181	-0.265	-0.389	-0.002
OTU 302	-0.570	-0.082	-0.463	-0.697	-0.484	-0.300	-0.029	-0.582	0.007	-0.167
OTU 303	-0.508	0.003	-0.181	-0.443	-0.276	-0.250	-0.042	-0.584	-0.197	0.019
OTU 304	-0.450	-0.198	-0.573	-0.255	-0.547	-0.308	-0.016	-0.410	0.308	-0.812
OTU 307	-0.489	0.138	-0.366	-0.211	-0.611	-0.162	-0.191	-0.468	0.223	-0.058
OTU 309	-0.403	0.082	-0.335	-0.234	-0.412	-0.168	-0.028	-0.511	0.066	-0.089
OTU 312	-0.355	0.312	-0.279	-0.275	-0.378	-0.297	-0.150	-0.579	0.170	-0.130
OTU 315	-0.410	0.126	-0.183	-0.416	-0.241	-0.423	-0.198	-0.415	-0.107	-0.115
OTU 317	-0.324	-0.206	-0.449	-0.261	-0.645	-0.451	-0.092	-0.463	0.320	-0.863
OTU 323	-0.142	0.017	-0.307	-0.517	-0.382	-0.311	-0.101	-0.070	0.216	0.137
OTU 325	-0.634	-0.164	-0.484	-0.551	-0.496	-0.301	-0.028	-0.491	0.010	-0.186
OTU 328	-0.118	0.057	-0.100	-0.205	-0.185	-0.163	-0.093	-0.346	0.015	0.303
OTU 329	-0.454	0.145	-0.373	-0.460	-0.409	-0.376	-0.013	-0.499	-0.050	0.055
OTU 331	-0.601	0.103	-0.376	-0.569	-0.384	-0.278	-0.109	-0.580	-0.809	-0.043
OTU 334	-0.604	0.071	-0.312	-0.439	-0.351	-0.174	-0.079	-0.578	-0.122	0.010
OTU 335	-0.760	-0.004	-0.339	-0.527	-0.844	-0.124	-0.090	-0.630	-0.281	-0.256
OTU 338	-0.584	-0.046	-0.455	-0.495	-0.255	-0.125	-0.088	-0.544	-0.364	-0.327

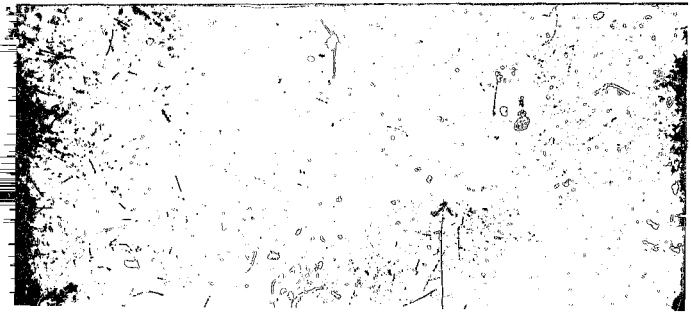


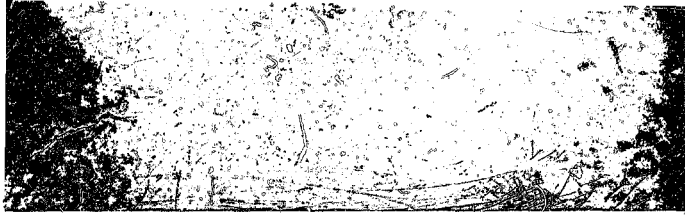


IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 253	OTU 255	OTU 257	OTU 258	OTU 261	OTU 263	OTU 265	OTU 267	OTU 269	OTU 271
OTU 253	1.000									
OTU 255	0.359	1.000								
OTU 257	0.367	0.817	1.000							
OTU 258	0.202	0.439	0.039	1.000						
OTU 261	0.189	0.650	0.293	0.530	1.000					
OTU 263	0.055	0.522	0.001	0.603	0.701	1.000				
OTU 265	0.704	0.339	0.263	0.413	0.416	0.160	1.000			
OTU 267	0.445	0.555	0.111	0.537	0.526	0.552	0.650	1.000		
OTU 269	0.432	0.233	0.091	0.405	0.620	0.371	0.605	0.677	1.000	
OTU 271	0.389	-0.027	0.378	0.052	-0.008	0.087	0.456	0.321	0.407	1.000
OTU 274	0.183	-0.202	0.146	0.338	0.299	0.268	0.500	0.478	0.316	0.538
OTU 275	0.582	0.386	0.359	0.362	0.249	0.207	0.602	0.591	0.567	0.527
OTU 277	0.443	0.229	0.297	0.290	0.355	0.163	0.584	0.263	0.336	0.331
OTU 279	0.293	0.183	0.310	0.058	0.108	0.215	0.259	0.309	0.087	0.268
OTU 284	0.215	0.039	0.085	0.128	0.066	0.014	0.301	0.544	0.354	0.319
OTU 285	0.407	0.338	0.252	0.501	0.295	0.148	0.471	0.517	0.478	0.344
OTU 287	0.241	0.559	0.340	0.445	0.432	0.491	0.329	0.419	0.079	0.183
OTU 290	-0.008	0.266	-0.028	0.345	0.233	0.512	0.153	0.459	0.107	0.281
OTU 293	-0.178	0.053	-0.149	0.212	0.205	0.361	-0.108	0.380	0.235	-0.039
OTU 296	0.109	0.316	0.029	0.347	0.331	0.543	0.179	0.478	0.446	0.319
OTU 299	-0.050	-0.311	-0.148	-0.216	-0.239	-0.178	-0.174	-0.211	-0.186	0.090
OTU 300	-0.297	-0.205	-0.222	-0.295	-0.187	-0.011	-0.263	-0.168	-0.267	-0.087
OTU 302	-0.220	-0.096	-0.129	-0.481	-0.188	-0.207	-0.273	-0.259	-0.311	-0.068
OTU 303	-0.320	-0.259	0.006	-0.460	-0.333	-0.338	-0.329	-0.363	-0.400	-0.031
OTU 304	-0.161	0.259	0.088	-0.105	0.047	0.157	-0.194	-0.122	-0.301	-0.228
OTU 307	-0.439	-0.261	-0.194	-0.196	-0.164	-0.034	-0.455	-0.097	-0.311	-0.097
OTU 309	-0.390	-0.158	-0.149	-0.332	-0.154	-0.089	-0.466	-0.096	-0.299	-0.256
OTU 312	-0.566	-0.424	-0.402	-0.283	-0.341	-0.110	-0.547	-0.399	-0.368	-0.333
OTU 315	-0.238	-0.189	-0.084	-0.154	-0.138	-0.095	-0.253	-0.289	-0.468	-0.077
OTU 317	-0.278	0.103	-0.122	-0.288	-0.034	0.057	-0.194	-0.278	-0.402	-0.101
OTU 323	-0.309	-0.289	-0.177	-0.405	-0.282	-0.157	-0.348	-0.216	-0.392	-0.219
OTU 325	-0.172	-0.024	-0.015	-0.307	-0.297	-0.180	-0.209	-0.284	-0.097	-0.329
OTU 328	-0.347	-0.169	-0.157	-0.357	-0.255	-0.096	-0.409	-0.301	-0.213	-0.137
OTU 329	-0.430	-0.197	-0.261	-0.251	-0.292	-0.105	-0.531	-0.297	-0.527	-0.187
OTU 331	-0.373	-0.347	-0.052	-0.365	-0.424	-0.270	-0.447	-0.409	-0.481	-0.136
OTU 334	-0.396	-0.303	-0.069	-0.430	-0.346	-0.340	-0.537	-0.420	-0.525	-0.185
OTU 335	-0.184	-0.208	0.160	-0.306	-0.263	-0.289	-0.277	-0.345	-0.406	-0.029
OTU 338	-0.015	0.140	0.151	-0.109	-0.098	-0.178	-0.169	-0.332	-0.507	-0.119





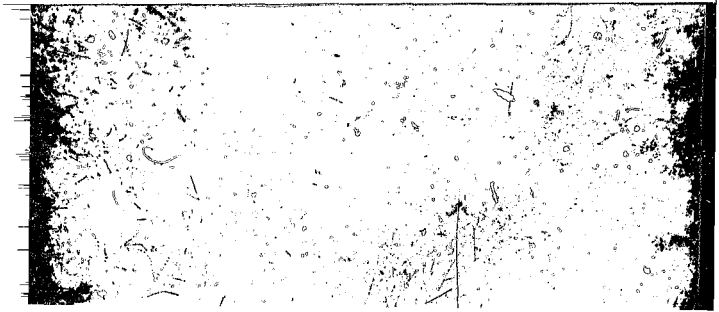
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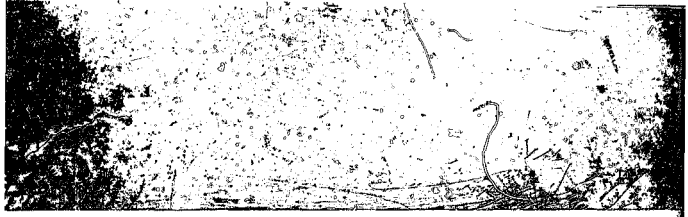
COMPUTE CORRELATIONS

	OTU 274	OTU 275	OTU 277	OTU 279	OTU 284	OTU 285	OTU 287	OTU 290	OTU 293	OTU 294
OTU 274	1.000									
OTU 275	0.49	1.000								
OTU 277	0.335	0.352	1.000							
OTU 279	0.297	0.234	0.259	1.000						
OTU 284	0.433	0.419	0.221	0.258	1.000					
OTU 285	0.211	0.430	0.594	0.125	0.351	1.000				
OTU 287	0.128	0.199	0.212	0.574	0.107	0.104	1.000			
OTU 290	0.371	0.121	0.342	0.408	0.428	0.325	0.347	1.000		
OTU 293	0.875	0.240	-0.062	0.166	0.289	0.246	0.135	0.364	1.000	
OTU 294	0.220	0.371	0.092	0.309	0.174	0.186	0.329	0.234	0.460	1.000
OTU 299	0.387	-0.011	-0.020	-0.004	-0.023	-0.126	-0.196	-0.001	0.037	-0.165
OTU 300	0.172	-0.059	-0.312	-0.084	-0.023	-0.550	-0.178	0.116	-0.028	-0.141
OTU 302	0.002	-0.181	-0.608	-0.454	-0.007	-0.454	-0.182	0.173	-0.123	-0.278
OTU 303	-0.008	-0.350	-0.138	-0.190	-0.055	-0.303	-0.110	-0.140	-0.166	-0.422
OTU 306	-0.257	-0.102	-0.423	-0.063	-0.218	-0.423	0.311	-0.183	-0.159	-0.089
OTU 307	0.186	-0.108	-0.606	-0.157	0.215	-0.325	-0.143	0.014	0.154	-0.276
OTU 309	0.026	-0.212	-0.419	-0.183	-0.033	-0.358	-0.108	-0.122	0.060	-0.285
OTU 312	-0.122	-0.299	-0.603	-0.394	-0.246	-0.504	-0.346	-0.100	0.059	-0.301
OTU 315	-0.027	-0.204	-0.217	-0.020	-0.156	-0.280	-0.022	0.094	-0.033	-0.233
OTU 317	-0.129	-0.302	-0.295	0.182	-0.237	-0.541	0.394	-0.037	-0.241	-0.330
OTU 323	-0.026	-0.205	-0.362	-0.084	-0.132	-0.561	-0.216	-0.060	0.024	-0.185
OTU 325	-0.168	-0.203	-0.277	0.042	-0.177	-0.358	0.218	-0.187	-0.154	-0.299
OTU 328	+0.053	-0.209	-0.538	-0.161	-0.194	-0.477	-0.503	-0.226	0.049	-0.037
OTU 329	-0.163	-0.296	-0.451	-0.221	-0.170	-0.287	-0.101	-0.004	0.039	-0.112
OTU 331	0.024	-0.182	-0.272	-0.147	+0.284	-0.736	-0.168	-0.245	-0.128	-0.550
OTU 334	-0.059	-0.284	-0.045	-0.248	-0.158	-0.410	-0.253	-0.193	-0.113	-0.473
OTU 335	-0.094	-0.095	-0.285	-0.186	-0.181	-0.181	-0.107	-0.318	-0.041	-0.391
OTU 338	-0.255	-0.138	-0.078	-0.020	-0.322	-0.040	0.118	-0.184	-0.251	-0.401

	OTU 299	OTU 300	OTU 302	OTU 303	OTU 306	OTU 307	OTU 309	OTU 312	OTU 315	OTU 317
OTU 299	1.000									
OTU 300	0.172	1.000								
OTU 302	0.002	0.181	1.000							
OTU 303	-0.008	0.350	0.138	1.000						
OTU 306	-0.257	0.102	0.423	0.063	1.000					
OTU 307	0.186	0.108	0.606	0.157	0.215	1.000				
OTU 309	0.026	0.212	0.419	0.183	0.033	0.358	1.000			
OTU 312	0.122	0.299	0.603	0.394	0.246	0.504	0.346	1.000		
OTU 315	0.027	0.204	0.217	0.020	0.156	0.280	0.022	0.094	1.000	
OTU 317	0.129	0.302	0.295	0.182	0.237	0.541	0.394	0.037	0.241	1.000
OTU 323	0.026	0.205	0.362	0.084	0.132	0.561	0.216	0.060	0.024	0.185
OTU 325	0.168	0.203	0.277	0.042	0.177	0.358	0.218	0.187	0.154	0.299
OTU 328	0.053	0.209	0.538	0.161	0.194	0.477	0.503	0.226	0.049	0.037
OTU 329	0.163	0.296	0.451	0.221	0.170	0.287	0.101	0.004	0.039	0.112
OTU 331	0.024	0.182	0.272	0.147	0.284	0.736	0.168	0.245	0.128	0.550
OTU 334	0.059	0.284	0.045	0.248	0.158	0.410	0.253	0.193	0.113	0.473
OTU 335	0.094	0.095	0.285	0.186	0.181	0.181	0.107	0.318	0.041	0.391
OTU 338	0.255	0.138	0.078	0.020	0.322	0.040	0.118	0.184	0.251	0.401

	OTU 323	OTU 325	OTU 328	OTU 329	OTU 331	OTU 334	OTU 335	OTU 338
OTU 323	1.000							
OTU 325	0.168	1.000						
OTU 328	0.053	0.209	1.000					
OTU 329	0.163	0.296	0.451	1.000				
OTU 331	0.024	0.182	0.272	0.147	1.000			
OTU 334	0.059	0.284	0.045	0.248	0.158	1.000		
OTU 335	0.094	0.095	0.285	0.186	0.181	0.181	1.000	
OTU 338	0.255	0.138	0.078	0.020	0.322	0.040	0.118	1.000

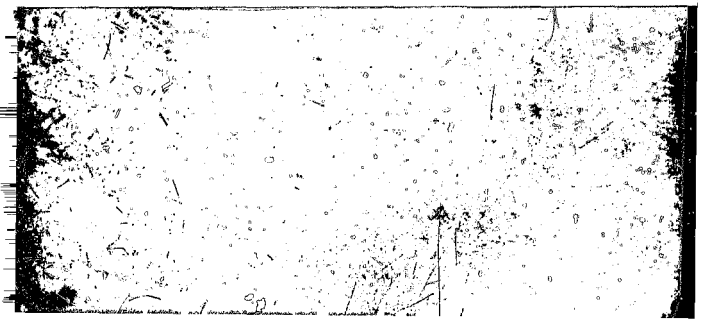


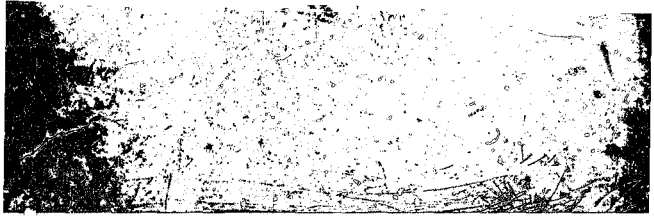


IDENTIFICATION:

COMPUTE CORRELATIONS

	OTU 299	OTU 300	OTU 302	OTU 303	OTU 304	OTU 307	OTU 309	OTU 312	OTU 315	OTU 317
OTU 299	1.000									
OTU 300	0.965	1.000								
OTU 302	0.960	0.945	1.000							
OTU 303	0.909	0.868	0.887	1.000						
OTU 304	0.177	0.176	0.183	0.295	1.000					
OTU 307	0.574	0.543	0.580	0.616	0.344	1.000				
OTU 309	0.531	0.529	0.663	0.676	0.334	0.771	1.000			
OTU 312	0.439	0.583	0.554	0.511	0.421	0.659	0.395	1.000		
OTU 315	0.558	0.590	0.568	0.671	0.256	0.682	0.692	0.503	1.000	
OTU 317	0.276	0.431	0.193	0.518	0.683	0.310	0.112	0.356	0.094	1.000
OTU 323	0.268	0.117	0.191	0.386	0.098	0.143	0.098	0.377	0.411	0.368
OTU 325	0.962	0.996	0.878	0.885	0.187	0.566	0.589	0.503	0.582	0.278
OTU 328	0.294	0.471	0.601	0.351	0.941	0.345	0.268	0.505	0.203	0.168
OTU 329	0.518	0.493	0.546	0.571	0.381	0.701	0.641	0.698	0.479	0.395
OTU 331	0.452	0.527	0.676	0.709	0.344	0.679	0.685	0.674	0.518	0.395
OTU 334	0.111	0.591	0.722	0.826	0.289	0.741	0.701	0.697	0.622	0.392
OTU 335	0.514	0.307	0.634	0.771	0.368	0.602	0.566	0.533	0.600	0.342
OTU 338	0.328	0.174	0.426	0.505	0.362	0.879	0.384	0.266	0.595	0.361

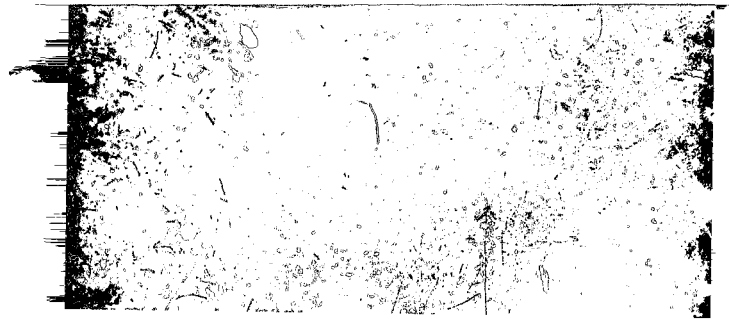




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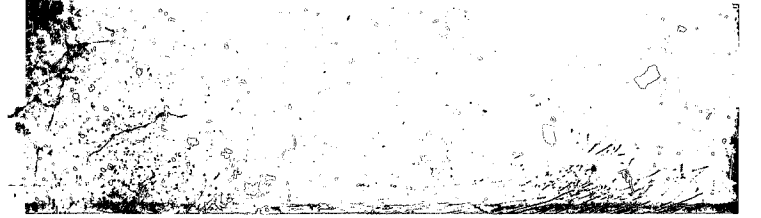
COMPUTE CORRELATIONS

	OTU 323	OTU 325	OTU 326	OTU 329	OTU 331	OTU 334	OTU 335	OTU 338
OTU 323	1.000							
OTU 325	0.496	1.000						
OTU 326	0.547	0.386	1.000					
OTU 329	0.458	0.632	0.375	1.000				
OTU 331	0.620	0.779	0.526	0.709	1.000			
OTU 334	0.543	0.716	0.612	0.675	0.857	1.000		
OTU 335	0.321	0.725	0.396	0.569	0.760	0.823	1.000	
OTU 338	0.088	0.608	0.030	0.504	0.534	0.581	0.739	1.000



APPENDIX IIF

Matrix of Euclidean Distance Values
for 138 Male OTUs

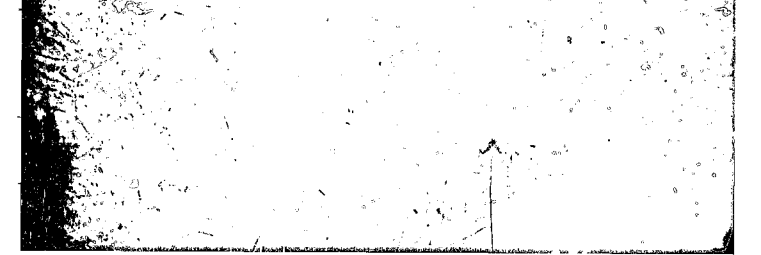


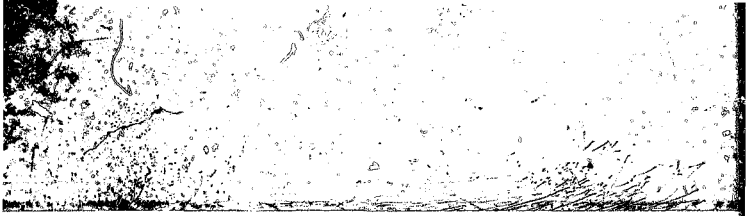
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 040	0.000									
OTU 041	9.253	0.000								
OTU 044	9.691	7.567	0.000							
OTU 048	11.074	9.538	7.328	0.000						
OTU 055	11.854	9.615	8.148	7.044	0.000					
OTU 056	9.062	8.715	7.958	8.784	7.864	0.000				
OTU 062	12.683	9.292	7.799	6.551	7.298	8.367	0.000			
OTU 063	12.204	11.011	9.617	9.073	10.096	9.787	7.273	0.000		
OTU 065	14.165	9.322	8.561	8.044	9.027	9.535	5.583	9.606	0.000	
OTU 069	11.728	9.708	10.362	9.900	9.375	10.485	7.529	8.876	8.386	0.000
OTU 072	12.065	9.933	9.940	9.230	9.682	9.754	8.647	9.368	9.130	8.733
OTU 073	12.280	11.176	10.096	9.214	9.981	11.496	8.096	10.491	9.068	6.926
OTU 074	12.828	9.604	9.619	9.109	9.783	10.049	6.410	8.599	5.519	6.438
OTU 075	13.007	9.177	8.970	9.182	8.321	8.815	5.852	8.018	5.894	6.941
OTU 079	13.812	11.115	10.814	10.410	10.615	9.231	7.857	8.866	7.954	8.094
OTU 081	12.403	9.869	9.537	10.779	10.080	9.119	7.603	8.715	6.525	6.458
OTU 082	13.937	10.562	10.615	10.129	9.054	9.656	7.154	9.158	7.227	6.256
OTU 084	11.143	9.796	8.878	6.930	8.674	9.843	6.186	7.435	8.119	7.158
OTU 087	10.088	8.379	7.541	7.735	8.640	7.063	6.903	8.387	7.283	6.527
OTU 088	12.186	11.350	9.731	8.910	10.220	9.243	7.168	9.181	8.713	8.362
OTU 092	12.571	10.297	10.280	7.529	9.125	10.145	7.611	9.397	8.805	7.394
OTU 095	13.730	13.643	12.180	11.338	13.267	12.206	12.068	12.663	12.129	13.252
OTU 096	10.104	9.552	10.323	9.061	10.091	9.676	10.432	10.187	11.700	13.429
OTU 098	12.113	12.346	13.222	13.940	13.819	13.589	11.207	13.177	10.826	10.943
OTU 099	12.543	10.275	9.877	7.87	7.848	7.803	5.567	7.982	6.264	7.513
OTU 101	11.814	13.959	12.711	13.316	12.932	12.857	11.151	13.795	10.118	13.116
OTU 103	13.941	10.749	9.695	8.579	8.561	10.104	6.767	9.677	6.869	7.439
OTU 105	12.800	10.507	10.429	7.561	8.195	10.746	6.057	10.486	8.740	6.298
OTU 108	10.493	9.671	7.459	5.762	7.035	8.108	6.905	8.619	7.951	8.011
OTU 109	10.135	11.404	10.596	8.331	9.835	10.344	10.288	11.371	11.871	10.877
OTU 111	12.725	11.860	10.930	9.439	10.609	11.160	9.664	12.150	10.808	11.099
OTU 113	12.842	12.033	10.821	7.069	7.122	8.733	7.416	10.057	9.263	9.152
OTU 116	10.481	10.322	9.048	6.703	7.996	6.975	7.342	9.722	8.084	8.087
OTU 118	12.107	10.192	8.753	6.871	8.160	9.275	6.769	9.406	6.850	7.646
OTU 120	13.160	11.598	12.059	11.091	12.059	11.394	10.526	13.067	10.699	11.921
OTU 121	14.967	14.092	13.845	14.052	13.764	13.485	11.970	14.542	11.814	13.562
OTU 123	11.809	11.675	10.268	10.062	11.869	11.487	12.273	14.260	12.356	13.546
OTU 124	11.576	14.657	13.875	13.620	13.074	13.855	11.406	13.986	11.334	12.674
OTU 126	15.515	11.375	11.779	11.089	9.902	11.709	7.599	10.813	8.749	9.356
OTU 128	15.016	12.210	10.729	8.797	8.899	11.099	6.680	9.819	6.782	9.206
OTU 131	13.283	11.676	9.145	8.301	8.326	8.240	7.195	10.044	7.164	9.718
OTU 133	13.867	10.959	9.125	8.513	8.366	9.857	6.939	9.228	7.243	7.898
OTU 134	12.866	10.972	8.833	6.574	6.830	9.976	6.666	9.843	7.922	6.580
OTU 137	12.181	9.816	8.723	6.898	6.920	7.840	6.677	9.176	7.052	8.188
OTU 139	14.263	11.485	10.831	8.961	8.582	11.500	8.298	10.639	8.887	9.995
OTU 141	12.268	9.615	9.242	7.658	9.725	10.012	7.338	9.667	7.941	8.475
OTU 142	12.126	8.771	8.553	8.211	6.901	8.888	5.157	9.089	7.052	7.196
OTU 144	14.074	12.284	9.676	9.397	9.310	10.873	7.497	10.073	8.656	10.100
OTU 146	11.951	10.428	9.491	9.150	9.072	7.640	7.312	10.099	9.060	8.874
OTU 148	14.505	11.662	10.178	8.870	8.947	10.070	5.864	9.337	6.463	8.148

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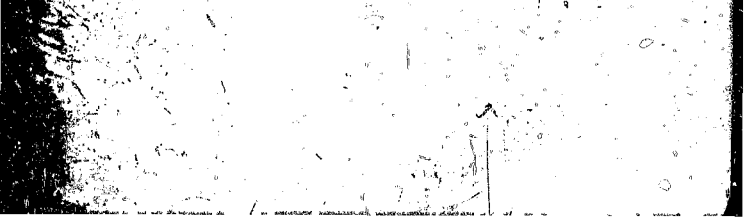


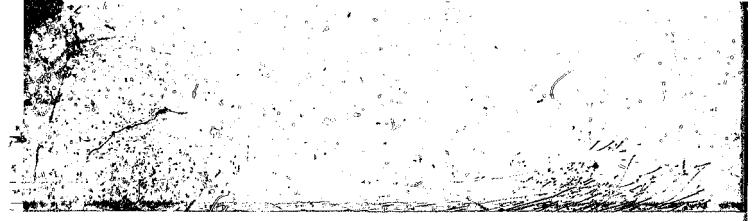
CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 060	OTU 061	OTU 064	OTU 068	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 150	9.698	8.834	8.673	8.564	11.133	8.598	6.998	9.279	8.438	9.498
OTU 154	15.183	11.394	9.326	9.447	8.757	11.632	6.916	9.804	6.642	9.083
OTU 156	14.525	12.368	10.413	10.065	9.593	12.060	6.946	12.279	8.932	10.728
OTU 157	12.969	10.556	9.212	8.229	8.518	10.398	6.811	10.339	8.279	7.471
OTU 160	14.984	11.906	11.003	9.666	9.205	11.994	9.087	12.148	9.224	10.006
OTU 161	13.714	10.257	9.695	8.581	7.507	10.039	6.842	9.279	7.173	8.298
OTU 163	14.229	9.557	9.576	8.348	8.467	9.724	6.998	9.058	7.178	8.565
OTU 168	16.097	9.543	10.887	9.379	9.169	11.575	7.962	10.415	7.868	7.876
OTU 169	15.336	12.309	10.720	9.955	9.509	11.664	7.531	10.383	7.960	9.986
OTU 170	13.536	10.810	9.797	8.959	8.517	10.136	6.396	9.748	5.923	9.349
OTU 172	16.041	14.782	14.492	13.500	15.414	14.924	14.719	16.550	14.588	13.836
OTU 173	15.345	10.807	11.678	10.043	13.556	14.404	14.113	16.067	13.993	13.518
OTU 174	14.760	14.779	11.331	12.782	12.548	12.028	9.788	11.921	9.979	10.134
OTU 175	13.967	10.826	10.105	11.173	10.617	11.783	8.925	10.809	9.291	9.684
OTU 176	13.861	11.560	11.445	11.359	10.923	9.805	8.088	10.902	7.972	9.089
OTU 178	14.438	10.750	9.815	10.128	9.695	8.817	8.548	9.999	8.896	7.955
OTU 179	12.958	8.465	8.781	9.951	9.276	10.174	7.737	10.132	7.511	7.703
OTU 180	11.382	10.033	9.791	9.104	10.110	8.181	7.566	9.357	8.761	8.326
OTU 184	13.507	10.073	9.134	8.476	8.126	9.570	5.392	8.231	6.071	7.011
OTU 185	13.546	10.851	10.173	10.686	10.900	10.450	7.704	10.393	7.900	9.543
OTU 188	13.008	9.787	8.893	8.888	9.006	9.578	6.180	9.068	6.827	8.039
OTU 191	12.901	9.482	8.021	8.659	8.248	9.505	6.751	9.118	6.502	8.023
OTU 192	13.363	9.114	9.021	9.804	9.478	9.807	6.420	9.098	6.134	8.854
OTU 193	13.736	10.751	10.039	10.037	9.949	9.819	7.128	10.052	7.317	10.350
OTU 195	14.076	9.561	9.488	8.699	8.814	9.559	6.636	9.379	7.219	7.840
OTU 198	12.731	12.028	9.843	8.999	8.036	8.318	6.789	9.156	6.792	9.074
OTU 201	11.743	10.518	9.208	9.919	9.351	9.429	7.769	9.726	7.273	10.197
OTU 203	12.671	10.023	8.567	9.348	9.518	9.665	6.478	8.688	6.553	8.675
OTU 204	13.979	11.011	10.071	8.709	8.098	9.540	6.402	9.271	7.525	8.845
OTU 205	13.365	9.873	9.474	11.103	10.843	9.621	7.911	10.026	6.851	9.728
OTU 207	12.931	10.631	8.895	9.311	8.972	9.142	6.904	9.584	7.029	8.617
OTU 208	12.736	10.897	9.940	10.590	9.817	9.135	7.681	9.646	7.992	8.824
OTU 211	12.930	10.241	10.768	11.078	11.054	10.083	8.918	11.034	8.458	9.928
OTU 214	15.577	11.610	11.390	11.348	11.512	12.066	8.367	11.657	8.198	9.166
OTU 215	13.824	11.583	10.617	11.170	11.030	11.689	8.497	10.363	9.833	9.213
OTU 217	12.713	10.827	10.591	12.457	11.726	11.133	9.825	11.739	9.705	9.558
OTU 218	14.653	11.517	11.563	12.225	11.878	11.988	10.006	12.478	10.193	9.528
OTU 222	16.778	13.084	13.112	11.752	11.629	13.267	11.773	13.988	11.786	11.865
OTU 223	13.870	11.348	10.712	9.500	9.614	11.243	9.008	11.335	9.583	10.034
OTU 224	14.040	11.720	10.293	8.684	8.739	11.243	7.327	10.366	7.960	7.457
OTU 226	12.942	11.566	10.164	8.731	9.130	9.554	8.287	11.054	9.101	10.295
OTU 228	11.182	9.576	7.772	9.013	9.119	9.050	7.635	10.931	8.104	9.730
OTU 232	12.441	9.697	8.262	8.497	8.923	9.257	6.204	9.663	7.592	9.132
OTU 233	13.904	10.916	10.458	9.053	9.815	10.388	9.302	11.202	9.658	9.875
OTU 237	13.983	11.008	9.563	9.306	8.827	10.702	7.888	10.647	7.787	10.284
OTU 238	13.795	11.034	9.959	8.934	7.899	10.689	6.791	10.568	8.447	8.750
OTU 240	13.038	11.631	9.734	9.819	9.853	11.198	8.005	10.307	9.730	10.314
OTU 242	12.186	9.776	9.259	8.682	7.826	9.611	7.259	10.423	8.472	8.041
OTU 245	12.207	10.011	9.270	8.648	9.319	9.956	7.978	11.611	7.752	8.857
OTU 250	11.480	8.995	8.791	9.537	9.211	9.728	7.050	10.191	8.101	8.718

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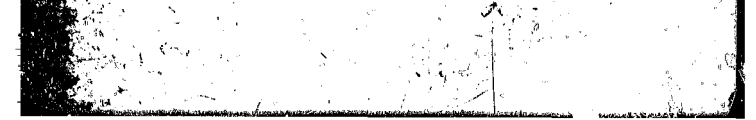


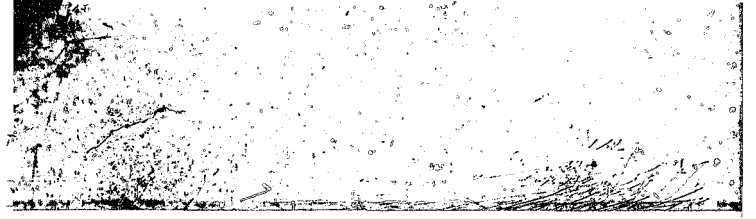


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 060	OTU 061	OTU 064	OTU 068	OTU 059	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 253	11.882	8.738	8.717	9.186	9.287	9.530	7.551	10.141	7.956	8.694
OTU 255	12.045	8.642	9.496	10.530	10.543	10.650	8.890	12.216	9.148	9.990
OTU 257	11.620	8.791	8.923	9.068	10.379	9.821	6.759	8.627	7.363	7.000
OTU 258	12.633	9.705	8.185	8.479	8.382	9.767	6.662	10.199	7.821	6.844
OTU 261	12.456	8.724	7.593	8.681	9.383	9.604	7.207	10.961	8.083	9.471
OTU 264	13.913	10.338	9.255	10.115	9.889	10.158	9.317	11.302	9.707	10.717
OTU 265	11.493	9.476	8.505	8.060	8.281	10.018	7.678	10.946	8.489	8.468
OTU 267	12.279	9.250	8.432	8.264	8.028	9.684	6.892	10.085	8.212	8.661
OTU 269	11.923	9.540	7.755	7.349	7.681	9.693	7.438	10.080	8.535	9.247
OTU 271	12.398	9.764	8.880	9.590	8.778	10.087	8.937	9.292	8.162	8.324
OTU 274	13.000	9.809	7.934	8.793	8.590	10.232	6.907	10.279	7.946	8.238
OTU 275	12.737	9.500	8.613	9.821	9.803	10.603	7.135	9.637	7.897	8.568
OTU 277	13.216	9.908	9.394	9.668	9.263	10.716	7.355	10.139	7.366	8.863
OTU 279	12.886	10.008	10.165	9.951	9.349	10.948	7.506	9.653	8.361	7.117
OTU 284	14.207	11.468	10.633	8.798	8.668	11.180	7.779	10.083	9.465	8.830
OTU 285	13.993	9.512	9.907	9.510	8.882	11.309	6.965	10.576	9.454	8.798
OTU 287	11.502	10.772	10.174	10.321	9.844	10.725	8.820	10.974	10.526	8.470
OTU 290	12.081	9.685	8.484	8.654	7.855	9.587	5.169	9.730	6.957	7.629
OTU 293	14.116	10.880	9.194	8.930	9.130	10.980	6.660	8.954	8.557	9.313
OTU 298	12.140	9.903	8.363	8.925	7.774	8.421	6.347	8.578	7.978	8.807
OTU 299	17.306	12.794	12.184	12.206	13.023	13.660	10.667	13.089	10.170	11.524
OTU 300	15.512	12.473	11.661	12.483	11.696	11.980	10.007	13.270	9.621	10.882
OTU 302	14.231	11.176	11.880	13.436	11.935	11.992	10.978	12.993	11.209	10.628
OTU 303	14.449	10.996	11.187	11.590	10.707	12.182	9.619	11.917	9.947	9.993
OTU 304	12.997	10.992	11.866	13.997	13.020	10.982	10.963	11.470	11.751	11.085
OTU 307	17.119	13.308	12.175	13.699	13.081	13.536	10.706	13.162	11.511	10.775
OTU 309	15.189	11.579	12.115	12.706	12.309	12.150	10.128	12.859	10.228	9.901
OTU 312	13.969	11.200	10.568	11.751	10.770	10.871	9.334	11.050	9.528	9.980
OTU 315	15.705	12.161	11.908	13.211	11.827	12.443	10.164	12.626	9.851	11.130
OTU 317	12.516	11.320	11.343	12.497	11.655	10.709	10.118	11.757	10.996	9.270
OTU 323	16.486	14.530	13.915	14.071	13.517	13.526	12.235	14.788	12.455	11.866
OTU 325	13.818	11.335	12.340	13.197	11.964	12.213	10.062	11.772	11.038	8.517
OTU 328	14.180	12.263	10.515	10.982	10.479	11.431	8.064	9.687	9.390	9.564
OTU 329	14.610	11.313	10.961	10.997	10.383	11.719	8.162	10.001	8.384	7.770
OTU 331	14.810	11.541	11.539	12.823	12.116	12.379	9.516	11.620	9.682	8.878
OTU 334	15.211	11.397	11.905	12.493	11.762	12.758	9.492	11.979	9.799	9.116
OTU 335	15.738	11.584	12.810	13.977	12.387	14.191	11.261	12.073	11.550	10.156
OTU 338	15.910	11.626	13.917	14.967	13.993	14.876	12.373	14.040	11.445	10.325



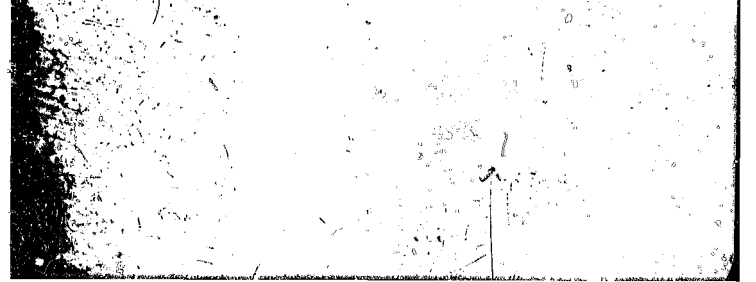


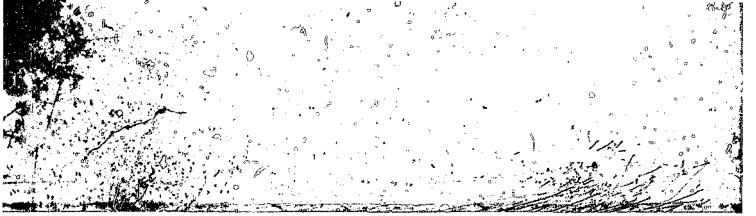
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 072	0.000									
OTU 073	9.319	0.000								
OTU 074	9.281	8.778	0.000							
OTU 075	7.719	7.811	5.766	0.000						
OTU 079	10.124	10.241	6.868	5.760	0.000					
OTU 081	9.502	10.333	5.784	6.220	6.263	0.000				
OTU 082	7.943	10.137	7.271	6.884	8.087	7.367	0.000			
OTU 084	8.627	8.666	7.089	6.918	7.830	8.977	9.435	0.000		
OTU 087	6.885	7.187	7.466	6.908	7.254	7.629	7.661	8.069	0.000	
OTU 089	10.618	10.319	8.158	7.915	7.222	8.458	11.118	9.063	8.140	0.000
OTU 092	7.508	7.922	8.936	7.853	9.381	9.566	9.005	8.784	6.853	9.459
OTU 095	14.601	15.255	11.017	11.300	10.566	9.689	12.389	13.652	12.964	12.003
OTU 096	15.600	15.806	11.112	11.829	11.939	10.926	13.899	14.409	13.362	13.560
OTU 098	14.821	13.789	10.136	10.348	10.196	9.349	12.294	12.746	13.382	11.367
OTU 099	8.525	9.551	6.397	5.814	5.264	6.865	6.382	6.642	5.735	6.676
OTU 101	15.054	14.360	10.981	11.389	10.897	10.676	12.518	12.782	12.896	11.609
OTU 103	8.054	7.911	8.032	6.869	8.907	9.442	7.593	6.668	7.035	8.844
OTU 105	10.266	8.370	10.157	8.335	10.971	11.205	11.164	8.301	9.144	8.881
OTU 107	9.025	8.522	7.954	7.370	8.825	9.193	8.870	6.790	6.085	7.365
OTU 109	14.937	14.052	12.002	10.995	12.770	12.691	11.759	9.210	8.956	10.538
OTU 111	11.378	11.179	10.046	11.045	11.202	11.936	10.331	9.790	9.072	10.475
OTU 113	10.389	9.521	8.716	8.816	9.813	11.467	9.073	7.025	7.346	9.676
OTU 117	9.196	9.954	8.557	8.153	8.671	9.160	9.263	6.547	5.880	7.055
OTU 118	9.000	8.521	7.560	6.803	8.356	9.454	8.639	6.474	5.861	8.161
OTU 120	13.940	13.731	10.212	10.055	10.028	9.789	12.440	12.329	12.017	10.815
OTU 121	16.141	14.427	11.708	12.187	11.732	11.929	14.533	13.884	13.670	11.920
OTU 123	16.150	14.687	12.563	12.709	11.810	11.936	14.388	14.255	14.717	11.279
OTU 124	14.996	14.788	10.999	11.168	10.802	11.502	12.923	12.696	13.359	11.049
OTU 125	11.609	10.708	7.946	7.101	7.961	9.003	9.878	9.167	10.157	9.086
OTU 126	9.496	10.501	8.226	7.780	8.862	9.200	8.223	9.167	8.766	9.311
OTU 131	9.084	8.965	8.932	7.117	7.702	9.307	7.806	8.609	6.101	8.506
OTU 133	10.324	9.361	6.929	6.456	6.999	7.892	9.070	7.430	7.994	7.165
OTU 135	8.864	8.483	8.630	8.018	10.169	10.107	8.749	7.288	7.409	9.694
OTU 137	8.199	8.348	8.597	6.436	8.817	9.337	8.306	6.580	6.285	8.238
OTU 139	9.306	8.856	8.691	8.757	11.560	11.056	10.042	8.605	8.721	11.975
OTU 141	8.778	8.718	9.019	8.803	9.342	8.792	8.907	7.443	7.276	9.042
OTU 142	7.862	7.691	6.950	5.468	8.837	8.028	7.399	6.726	6.563	8.527
OTU 144	8.860	9.389	9.313	7.982	9.776	9.664	7.740	8.942	7.570	10.161
OTU 145	10.375	9.508	9.451	7.712	8.013	9.674	10.068	7.782	6.978	8.971
OTU 148	8.568	10.012	6.703	6.501	6.930	8.184	8.286	8.476	8.053	8.929
OTU 150	8.659	6.721	7.562	6.000	8.273	7.907	8.167	5.819	6.027	7.942
OTU 154	10.613	10.191	7.536	6.837	8.846	8.509	9.166	9.166	9.352	9.653
OTU 156	9.843	9.181	9.896	9.281	11.582	11.463	8.749	9.174	8.366	11.474
OTU 157	10.486	8.597	7.334	7.316	9.127	9.550	9.174	7.764	7.838	8.007
OTU 160	10.188	9.859	10.514	8.712	11.268	11.728	10.172	9.095	8.846	11.834
OTU 161	9.055	9.161	7.250	5.993	8.434	9.227	7.502	7.679	7.126	9.357
OTU 163	8.336	8.772	7.614	7.085	9.025	7.340	6.556	7.625	7.001	9.727
OTU 168	9.054	7.615	7.113	6.628	9.089	7.910	7.283	6.437	6.565	10.899
OTU 169	9.059	10.385	9.984	8.868	10.206	10.335	8.674	9.674	8.947	11.945
OTU 170	8.675	10.100	7.095	7.359	8.845	7.973	7.084	8.841	7.678	9.141

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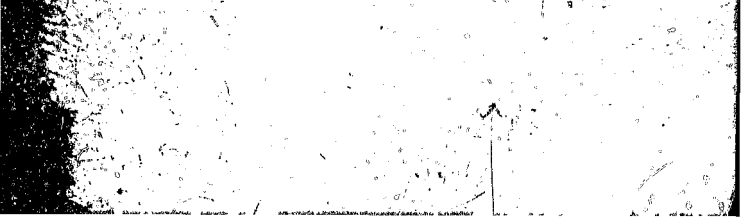


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 172	17.498	15.532	13.126	14.296	13.642	13.365	16.472	13.928	14.236	13.767
OTU 173	17.032	14.865	13.594	13.016	13.202	11.857	16.241	13.762	14.336	12.600
OTU 174	13.068	12.322	8.588	8.505	8.598	8.091	11.872	10.930	10.507	9.498
OTU 175	11.735	11.239	8.036	8.479	9.163	9.543	11.376	9.902	10.651	7.719
OTU 176	11.989	12.118	6.930	7.087	6.034	6.569	8.387	8.832	9.455	7.876
OTU 178	11.130	12.066	9.119	8.183	9.165	8.414	9.099	10.156	8.629	9.698
OTU 179	9.801	9.249	7.307	6.651	8.307	6.714	7.309	8.823	8.108	9.722
OTU 180	8.973	9.423	8.653	7.696	6.999	7.153	9.408	7.202	9.345	6.062
OTU 184	8.809	9.374	6.106	5.132	6.578	7.188	6.495	7.736	7.565	7.849
OTU 189	9.865	9.071	7.614	7.170	8.806	7.235	6.982	8.825	7.647	9.935
OTU 188	9.267	8.908	7.348	6.722	7.463	6.887	7.103	7.334	6.959	8.291
OTU 190	8.871	9.111	5.751	5.251	7.219	6.815	7.040	8.159	6.673	7.641
OTU 192	9.117	8.865	6.272	5.895	6.977	6.341	6.469	8.117	7.049	6.994
OTU 193	9.506	9.156	8.459	7.777	8.165	7.437	6.308	10.209	7.547	9.859
OTU 195	9.681	9.612	7.333	6.892	7.109	7.639	7.840	7.376	7.161	8.383
OTU 199	9.913	10.662	7.792	7.475	7.468	8.638	7.765	7.961	7.617	8.638
OTU 201	9.212	11.660	8.348	7.631	8.925	7.867	7.355	9.821	8.002	9.980
OTU 203	9.002	9.456	6.950	7.299	7.169	6.759	7.312	7.289	7.276	8.013
OTU 204	10.146	10.986	8.251	7.646	7.227	9.300	7.933	7.646	7.916	8.287
OTU 205	9.608	10.738	7.624	6.991	7.311	9.977	7.283	9.428	7.769	9.711
OTU 207	9.898	10.810	7.696	7.322	7.913	7.533	7.383	8.782	7.593	8.673
OTU 208	9.622	11.056	8.052	6.911	7.171	6.655	6.572	8.319	7.771	8.479
OTU 211	11.716	11.340	8.686	9.279	8.762	7.750	8.863	8.716	9.603	9.143
OTU 214	12.332	11.583	8.248	8.469	7.686	6.161	10.207	10.136	10.467	8.958
OTU 215	11.622	12.019	8.228	9.468	8.837	8.305	10.253	9.663	10.325	8.301
OTU 217	12.290	11.533	8.250	8.319	7.578	7.805	10.661	9.894	9.711	8.987
OTU 218	13.280	12.572	9.488	9.482	8.887	9.330	11.999	10.073	11.282	8.587
OTU 222	11.690	10.914	12.365	11.674	13.719	13.219	11.903	11.835	10.626	13.882
OTU 223	9.498	10.150	9.651	9.055	11.729	10.938	9.227	10.312	9.006	12.032
OTU 224	9.111	8.893	8.167	7.636	8.935	9.615	8.037	7.749	7.913	9.053
OTU 226	9.449	9.983	8.191	8.198	9.152	10.182	9.043	8.665	7.512	9.701
OTU 228	9.958	9.923	8.905	7.997	9.305	8.548	9.303	8.920	7.426	7.992
OTU 229	9.066	9.695	8.275	7.270	8.898	8.520	8.252	7.928	7.047	8.392
OTU 233	9.366	9.236	10.532	9.689	11.934	11.651	9.639	9.044	8.321	11.035
OTU 237	8.850	9.100	8.716	7.818	10.006	9.179	8.027	8.476	8.143	8.588
OTU 238	8.320	7.670	9.716	9.144	9.730	10.203	8.152	8.049	7.532	9.300
OTU 240	9.568	10.756	10.339	9.190	10.670	10.128	9.212	9.650	8.859	9.480
OTU 242	8.700	7.991	8.683	8.299	9.215	9.437	8.840	8.318	8.178	8.648
OTU 245	9.750	8.759	8.706	7.865	9.370	8.754	8.883	8.513	8.366	9.731
OTU 250	7.870	8.039	8.451	7.868	9.508	9.307	6.650	8.866	8.437	10.490
OTU 253	7.767	8.205	7.696	7.158	8.514	7.248	7.308	8.086	8.064	9.834
OTU 255	9.823	9.616	9.582	8.664	10.514	8.453	9.975	10.330	8.306	10.376
OTU 257	8.343	7.704	6.603	6.073	6.910	6.504	7.394	6.878	5.764	9.015
OTU 258	9.412	9.083	8.706	6.678	9.288	8.507	8.754	7.886	7.411	8.346
OTU 261	9.673	9.036	8.658	7.314	9.065	7.969	9.098	7.885	7.058	8.695
OTU 264	11.799	11.127	10.875	8.908	10.199	9.685	10.159	9.563	8.804	8.589
OTU 265	7.863	7.152	8.772	7.674	9.643	9.186	8.997	6.995	5.921	9.368
OTU 267	8.732	7.911	9.074	7.283	9.357	9.082	7.970	7.397	6.373	9.111
OTU 269	7.852	8.362	9.931	8.020	10.121	10.083	9.040	7.005	6.398	9.267
OTU 271	8.209	7.962	8.329	6.592	8.468	8.846	7.211	7.095	6.826	9.957

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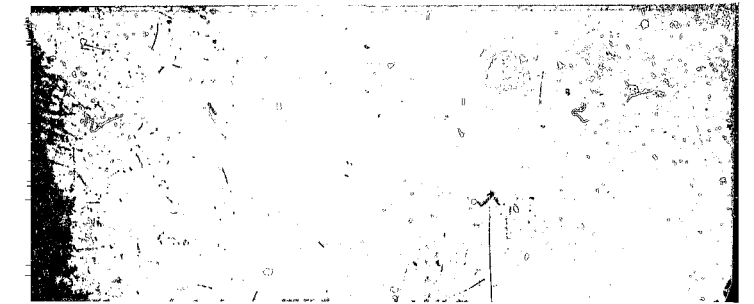


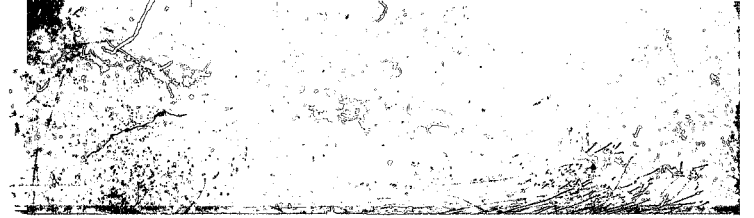


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 274	9.191	8.896	8.508	6.863	8.486	8.567	6.665	7.169	6.892	8.992
OTU 275	8.140	7.646	9.282	7.061	9.142	8.961	8.407	7.522	6.491	9.830
OTU 277	8.035	7.516	8.461	7.004	9.733	9.125	8.274	7.983	6.689	10.039
OTU 279	8.585	7.982	7.497	6.612	8.181	8.737	7.524	7.806	6.792	8.888
OTU 281	9.470	7.656	10.616	8.105	9.869	11.162	9.417	8.043	8.018	10.319
OTU 285	8.403	8.030	8.974	7.430	10.432	9.409	7.739	8.465	8.208	10.544
OTU 287	10.036	9.028	9.779	8.369	10.143	9.991	9.333	8.851	7.775	9.840
OTU 290	9.707	8.668	8.993	6.082	7.593	7.905	7.389	7.230	6.671	7.987
OTU 293	9.230	10.641	8.983	7.770	9.018	8.849	8.855	8.844	8.817	8.405
OTU 296	7.960	9.888	8.589	6.949	7.960	8.398	6.833	7.661	6.886	7.877
OTU 299	13.773	13.157	10.780	9.693	9.330	9.679	10.025	12.238	12.007	11.992
OTU 300	11.478	11.817	9.823	9.700	8.953	10.705	11.843	10.746	10.394	9.677
OTU 302	13.182	12.772	10.095	10.233	9.557	9.805	11.695	10.975	11.391	10.739
OTU 303	12.378	11.824	8.742	9.960	9.257	9.576	10.623	10.076	10.908	10.686
OTU 304	13.605	13.269	10.128	9.574	8.963	7.965	12.003	11.918	11.177	9.707
OTU 307	14.800	14.851	11.335	10.582	9.786	10.731	13.160	11.562	12.883	10.118
OTU 309	12.990	12.414	9.522	9.602	8.480	8.886	11.197	10.670	10.764	9.409
OTU 312	13.348	12.905	9.156	9.136	8.650	9.168	12.012	10.130	11.116	8.060
OTU 315	13.719	12.806	8.905	9.480	9.289	9.169	10.809	11.902	11.389	11.058
OTU 317	12.529	12.039	8.685	9.430	8.187	8.973	11.286	10.513	10.015	9.098
OTU 323	14.611	14.100	11.148	12.412	11.300	12.522	13.084	11.994	13.029	11.592
OTU 325	12.387	11.860	8.808	9.159	8.415	8.334	10.996	10.519	11.103	9.210
OTU 328	11.425	11.812	9.375	573	8.944	9.686	10.183	8.932	10.356	8.594
OTU 329	12.186	11.084	7.154	904	7.779	7.851	9.907	9.611	10.209	8.122
OTU 331	12.666	11.510	8.068	6.859	8.274	8.696	10.855	9.929	10.510	8.438
OTU 334	12.960	11.374	8.634	9.169	9.136	9.860	11.370	10.223	11.461	9.998
OTU 335	13.605	12.672	9.865	10.448	10.519	9.624	12.213	11.554	12.844	11.865
OTU 338	14.043	12.372	9.571	10.387	11.199	9.662	12.226	12.900	12.838	12.496



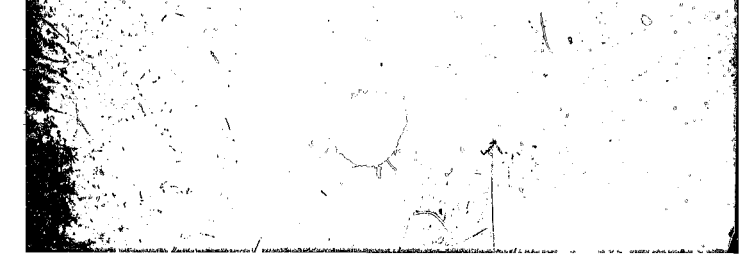


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 092	OTU 094	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 092	0.000									
OTU 094	15.509	0.000								
OTU 096	16.301	9.798	0.000							
OTU 098	14.671	8.235	7.310	0.000						
OTU 099	7.987	10.997	12.346	11.362	0.000					
OTU 101	14.933	8.534	7.574	9.333	10.746	0.000				
OTU 103	7.056	14.889	15.100	13.936	6.614	13.183	0.000			
OTU 105	7.303	15.579	16.198	13.716	8.951	14.809	7.839	0.000		
OTU 107	7.594	13.198	14.412	13.188	5.766	12.595	7.582	7.166	0.000	
OTU 109	9.367	14.728	14.679	16.680	10.098	14.835	9.710	8.231	6.876	0.000
OTU 111	10.327	15.357	16.206	19.802	8.819	13.976	9.884	11.135	8.526	9.242
OTU 113	7.958	11.140	11.961	15.255	6.982	14.141	7.062	9.038	7.888	8.433
OTU 117	7.073	13.549	15.188	13.968	5.195	12.979	6.578	7.406	5.512	7.925
OTU 119	6.300	14.228	14.664	13.886	5.866	13.867	6.046	7.368	5.990	8.681
OTU 120	14.467	7.029	7.425	6.971	10.246	6.258	13.095	13.772	11.974	15.621
OTU 121	14.952	9.189	8.283	9.389	12.197	6.777	14.527	14.169	13.717	16.765
OTU 123	15.976	8.875	8.985	8.697	11.605	8.607	14.789	14.931	13.992	18.225
OTU 124	14.674	7.817	6.997	8.683	11.140	6.585	13.429	14.343	12.682	16.931
OTU 126	10.428	10.168	10.184	7.876	7.932	9.377	9.842	10.211	9.976	13.903
OTU 128	8.182	13.212	13.417	12.723	6.756	12.307	6.726	5.980	5.321	12.292
OTU 131	8.996	13.137	14.377	13.774	4.769	12.817	6.459	6.618	6.438	9.600
OTU 133	9.739	11.527	12.096	11.079	6.019	10.623	7.757	8.468	8.009	11.366
OTU 134	6.790	14.109	14.473	14.279	7.318	13.506	6.669	6.400	6.886	9.486
OTU 137	6.912	13.737	14.628	13.726	5.797	12.750	5.886	6.759	5.732	8.097
OTU 139	7.566	16.223	16.034	15.895	9.210	14.859	5.261	9.306	9.258	10.626
OTU 141	7.619	14.382	14.802	12.661	7.303	13.569	7.500	8.188	7.343	9.113
OTU 142	7.903	12.627	12.975	11.538	6.512	11.879	6.045	7.451	7.468	10.048
OTU 146	8.525	14.061	14.396	14.897	7.254	13.536	7.269	10.305	7.301	9.962
OTU 148	9.668	13.146	14.526	12.739	6.665	12.069	8.398	9.391	7.673	10.853
OTU 149	8.749	11.992	12.090	11.467	5.505	11.398	7.033	9.919	8.438	12.475
OTU 150	7.183	13.689	13.556	11.192	6.507	12.348	6.704	7.749	6.385	8.856
OTU 154	9.364	12.186	11.990	11.345	7.876	10.996	8.097	9.789	8.725	13.438
OTU 156	9.288	11.615	12.948	15.416	9.078	14.172	6.959	10.459	8.927	11.137
OTU 157	8.507	14.086	14.209	12.480	7.188	12.872	7.694	8.133	6.798	10.211
OTU 158	7.767	13.980	14.075	14.861	9.252	14.691	7.826	8.143	7.197	11.438
OTU 161	7.993	13.668	14.297	13.328	5.975	12.896	6.967	7.567	6.316	10.136
OTU 164	6.314	13.735	14.305	12.881	6.005	13.237	6.157	7.788	7.107	9.219
OTU 168	7.605	13.542	13.077	11.565	7.905	11.983	7.176	8.681	8.066	11.829
OTU 169	8.854	12.146	12.074	10.993	8.008	14.590	8.580	10.067	9.990	12.563
OTU 170	8.516	12.784	13.538	12.830	6.168	11.777	7.978	9.241	7.110	10.859
OTU 172	16.388	11.276	11.892	13.934	11.652	16.256	16.840	14.357	14.357	17.811
OTU 173	16.486	11.845	12.250	9.809	14.049	11.970	15.793	15.438	14.167	17.092
OTU 174	12.789	8.811	9.192	6.922	9.941	9.636	11.991	12.895	11.224	15.241
OTU 175	11.327	9.472	10.153	7.186	9.110	10.770	11.367	10.331	9.739	13.231
OTU 176	11.054	8.754	10.312	8.181	8.381	9.768	9.837	10.962	9.481	12.971
OTU 178	10.585	12.082	13.780	12.646	7.850	12.620	9.598	10.313	8.981	10.515
OTU 179	8.191	12.931	13.216	10.828	7.985	12.418	7.687	9.123	6.339	11.543
OTU 180	7.073	12.982	14.602	12.558	5.944	12.783	8.105	8.689	7.675	10.118
OTU 184	7.488	11.906	12.428	10.534	5.287	11.326	6.756	8.338	6.886	11.399
OTU 185	9.724	12.562	13.063	11.901	7.805	11.695	7.635	12.133	10.483	13.119

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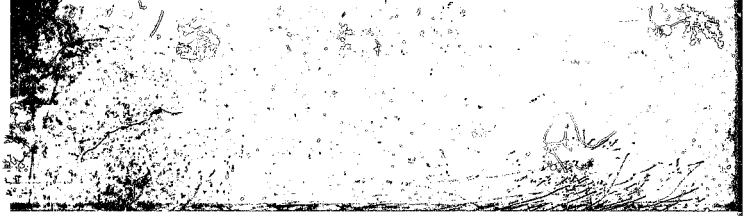
CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 188	7.771	11.289	12.663	10.993	6.190	11.754	6.603	9.100	8.116	11.567
OTU 190	8.677	11.569	12.002	10.937	5.347	11.015	6.764	8.805	6.414	10.855
OTU 192	8.205	11.976	11.899	9.893	6.715	10.807	8.061	10.084	8.441	12.021
OTU 193	8.962	12.235	13.658	12.370	6.372	12.797	8.882	10.184	8.868	11.736
OTU 194	7.401	12.105	12.890	11.321	5.863	11.706	7.161	9.240	7.996	11.409
OTU 198	8.466	12.390	13.887	13.040	6.917	12.389	7.509	9.613	7.016	10.504
OTU 201	9.120	12.361	13.633	12.812	6.861	13.078	7.897	10.884	8.879	12.056
OTU 203	8.840	11.927	12.387	11.344	6.398	10.940	6.982	10.068	8.389	11.882
OTU 204	8.730	12.032	13.100	11.971	5.639	11.871	7.357	10.031	8.541	12.177
OTU 205	10.298	11.557	12.495	11.187	7.221	11.675	8.394	12.012	9.919	13.124
OTU 207	9.012	11.638	12.536	11.837	5.909	11.603	7.910	10.811	7.845	11.134
OTU 208	9.301	12.088	12.618	10.894	6.081	12.165	8.029	10.582	8.262	11.910
OTU 211	11.048	10.744	11.801	10.102	7.595	11.342	10.687	12.386	9.157	12.696
OTU 214	10.895	10.355	9.971	6.954	8.401	9.729	10.761	11.580	10.742	14.855
OTU 215	11.065	9.918	10.860	8.269	6.734	10.434	10.903	12.804	10.538	14.580
OTU 216	11.959	9.162	10.217	7.470	9.197	9.571	11.251	12.919	11.158	14.833
OTU 217	12.151	9.899	10.470	7.264	9.768	9.080	10.029	12.406	10.285	14.792
OTU 222	9.878	12.566	13.561	12.761	11.576	10.564	9.535	10.760	10.391	10.591
OTU 223	7.614	10.317	10.850	10.053	9.398	10.832	7.786	9.389	8.827	10.694
OTU 224	8.571	10.064	10.141	10.015	7.017	13.096	8.995	8.473	7.908	10.118
OTU 226	7.655	10.234	10.239	10.634	7.650	10.966	7.412	10.055	7.324	9.802
OTU 228	10.128	10.759	13.751	12.774	7.572	12.046	8.927	9.912	6.944	8.956
OTU 230	8.683	12.749	13.736	12.680	6.927	12.695	7.266	9.690	7.245	9.980
OTU 233	7.806	10.760	10.923	10.122	9.319	15.680	7.074	9.347	7.879	8.951
OTU 234	8.502	14.261	14.865	13.296	7.664	13.603	6.723	8.892	7.686	9.787
OTU 238	7.505	15.031	15.219	14.085	7.460	14.046	6.695	8.275	7.266	9.469
OTU 241	6.673	14.368	15.324	14.258	8.569	14.589	8.367	9.847	7.911	9.626
OTU 242	8.262	13.966	14.403	12.535	6.810	12.706	6.912	8.270	6.109	8.465
OTU 247	7.922	14.374	15.019	13.405	7.227	13.904	7.278	8.760	7.379	8.893
OTU 250	7.565	14.033	14.703	13.077	7.761	14.390	7.896	9.711	7.530	9.186
OTU 254	7.099	14.183	14.851	13.313	7.302	13.764	7.730	10.020	7.608	9.324
OTU 255	10.012	13.169	13.665	11.882	9.084	12.941	9.556	10.208	8.326	9.684
OTU 256	7.712	13.528	12.956	11.002	6.856	12.229	7.855	9.568	7.667	10.198
OTU 258	7.673	13.701	13.470	12.389	6.975	12.513	7.382	9.111	6.950	8.937
OTU 262	8.779	14.181	13.914	11.835	7.471	11.325	8.180	9.210	8.346	9.530
OTU 263	11.008	13.892	14.145	12.777	8.295	12.377	9.810	10.516	7.613	10.185
OTU 265	9.016	14.786	15.241	14.275	8.026	14.183	7.246	9.903	8.700	8.206
OTU 267	7.393	13.915	14.592	13.155	7.000	13.031	6.347	8.337	6.767	8.797
OTU 269	6.901	13.789	14.488	13.477	7.715	14.182	6.481	8.580	6.972	8.863
OTU 271	8.162	13.992	14.473	13.151	7.743	12.793	7.826	10.732	8.295	11.143
OTU 276	8.166	13.183	13.587	12.312	7.362	12.274	7.462	9.966	7.481	11.290
OTU 275	7.746	14.261	14.520	13.223	7.840	13.913	6.956	9.825	7.845	10.138
OTU 277	6.859	15.297	15.314	14.162	8.288	13.750	6.230	9.316	8.157	10.565
OTU 279	7.480	13.667	14.169	13.032	6.694	13.140	7.245	9.284	6.825	9.861
OTU 286	6.791	16.903	16.120	16.430	6.469	14.287	7.012	8.050	8.625	10.687
OTU 285	6.748	15.979	14.897	13.976	8.324	14.049	5.991	7.765	8.081	9.844
OTU 287	8.732	13.956	14.868	12.883	8.501	14.156	9.139	9.542	7.383	9.260
OTU 290	7.851	14.658	14.895	14.211	8.903	11.153	6.442	8.159	6.002	9.884
OTU 293	9.068	12.410	13.167	11.933	7.196	11.363	8.108	9.304	7.366	11.808
OTU 294	8.680	11.951	13.338	12.244	7.498	12.064	7.223	9.270	6.039	8.958

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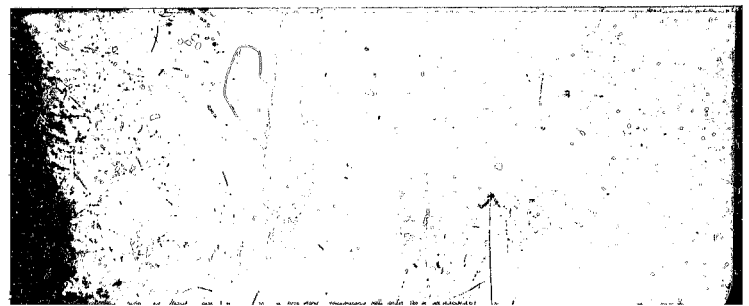


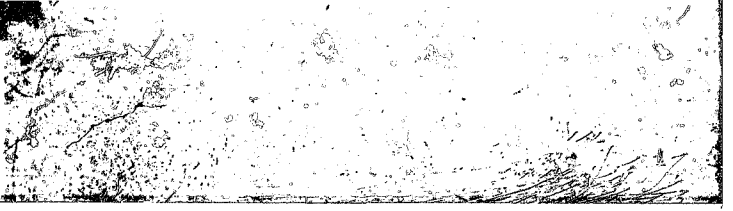


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 299	13.151	11.205	11.275	9.918	10.954	11.383	12.585	14.600	13.185	17.778
OTU 300	13.285	11.956	11.663	9.849	9.412	9.297	11.539	13.487	11.165	15.383
OTU 302	13.401	9.538	10.885	7.177	10.617	10.297	12.995	14.023	12.685	16.031
OTU 303	11.282	11.381	10.992	7.852	9.904	11.233	11.810	12.430	11.558	15.254
OTU 306	13.475	9.837	11.484	8.080	10.230	12.170	13.783	13.470	11.761	14.970
OTU 307	13.239	12.146	12.089	8.271	10.861	11.136	12.949	13.088	13.015	17.056
OTU 309	11.885	10.785	11.403	8.239	9.280	10.572	11.503	12.600	11.779	15.585
OTU 312	12.565	10.165	11.019	8.170	9.053	9.599	11.562	11.984	10.693	14.926
OTU 315	12.769	10.299	10.186	8.569	9.854	9.429	12.640	13.674	11.569	15.722
OTU 317	12.420	9.674	11.329	8.676	9.199	11.361	12.441	12.860	10.531	13.954
OTU 321	14.792	13.525	12.678	12.283	10.950	10.179	12.291	15.376	13.128	17.194
OTU 325	11.954	10.619	11.304	7.376	9.860	11.783	12.094	13.526	11.579	14.963
OTU 326	10.154	10.072	11.551	9.919	8.580	10.937	10.896	12.211	10.531	13.947
OTU 329	11.037	9.969	9.868	6.769	7.769	9.784	9.684	10.493	9.729	13.986
OTU 331	11.913	10.380	10.476	7.287	9.268	10.346	11.271	12.751	11.293	15.740
OTU 334	12.441	10.911	10.181	6.684	10.097	9.991	13.001	12.356	11.883	15.790
OTU 335	13.035	11.632	11.697	7.784	11.959	11.931	13.607	13.934	13.339	16.958
OTU 338	13.266	12.701	11.901	8.447	12.237	12.798	13.490	13.288	13.265	15.975



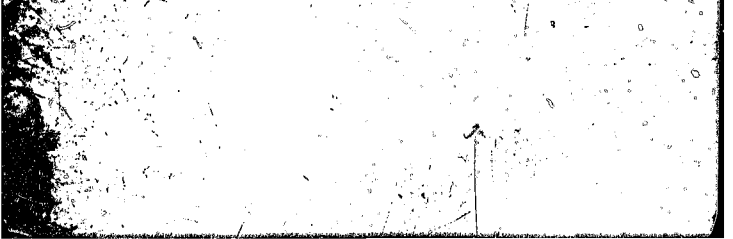


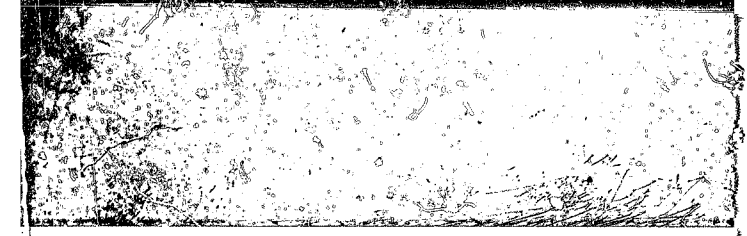
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 125	OTU 128
OTU 111	0.000									
OTU 113	7.783	0.000								
OTU 117	7.859	6.238	0.000							
OTU 118	8.959	6.892	5.670	0.000						
OTU 120	14.228	14.097	12.199	12.487	0.000					
OTU 121	14.996	14.557	13.399	14.	6.768	0.000				
OTU 123	15.801	15.528	13.653	14.1	8.030	8.919	0.000			
OTU 124	14.800	14.194	13.382	13.567	7.089	7.338	8.624	0.000		
OTU 126	12.528	11.231	10.946	9.718	8.742	10.702	10.336	8.903	0.000	
OTU 128	14.472	13.060	12.209	11.358	12.454	13.045	12.805	12.361	8.587	0.000
OTU 131	9.628	7.088	6.245	5.938	12.245	14.132	13.932	13.206	10.287	6.968
OTU 133	9.412	8.663	7.271	6.007	10.818	11.744	11.264	10.871	7.995	6.168
OTU 134	8.106	6.184	6.496	5.206	13.483	14.349	14.751	13.911	10.516	6.809
OTU 137	9.113	6.081	5.250	5.471	12.038	13.827	13.174	12.711	9.823	8.019
OTU 139	9.337	7.903	5.911	7.138	15.031	15.633	16.568	15.416	11.783	8.242
OTU 141	9.533	9.176	7.353	5.973	12.777	14.276	13.951	14.202	10.205	8.072
OTU 142	9.813	8.376	7.271	7.066	13.562	12.600	13.343	12.257	8.226	7.196
OTU 144	8.481	8.663	8.021	7.574	13.692	15.101	15.238	13.601	11.122	7.208
OTU 146	9.467	7.906	7.071	8.633	10.662	10.938	12.787	12.853	9.792	10.373
OTU 148	8.997	8.409	8.066	7.419	11.288	12.983	11.571	11.482	7.946	5.199
OTU 150	9.123	8.187	6.074	6.782	11.182	13.035	13.488	12.980	9.056	8.903
OTU 154	11.331	10.379	9.824	7.350	11.368	13.084	12.091	11.632	7.857	5.387
OTU 156	9.248	8.982	9.167	7.353	14.513	15.387	14.749	14.407	11.661	8.070
OTU 157	9.817	8.397	7.852	5.862	12.174	14.087	13.945	12.916	9.057	8.211
OTU 160	11.427	9.938	9.101	6.521	14.152	15.866	14.548	14.409	11.152	7.858
OTU 161	9.694	7.763	7.470	5.590	12.580	14.431	14.865	12.991	8.407	6.502
OTU 163	8.348	8.307	6.938	5.921	12.786	14.342	14.673	13.778	9.721	7.538
OTU 168	10.806	10.301	9.380	7.001	11.797	14.052	14.355	12.257	8.771	7.806
OTU 169	11.219	9.582	9.669	6.467	14.559	15.915	15.477	15.099	9.769	6.203
OTU 170	9.879	8.901	7.498	6.800	12.093	13.776	13.407	12.669	9.376	5.228
OTU 172	16.763	16.253	14.501	14.746	11.319	10.297	13.101	10.613	13.601	16.300
OTU 173	17.686	17.977	15.196	16.559	15.063	11.982	13.198	11.690	15.217	16.614
OTU 174	13.669	13.682	11.658	10.397	7.458	8.914	10.285	9.383	7.233	10.452
OTU 175	15.891	15.804	11.117	10.298	8.255	10.833	9.118	9.979	6.837	9.563
OTU 176	11.076	10.862	9.186	9.160	8.399	10.794	9.877	9.220	6.616	8.620
OTU 178	8.745	9.512	8.877	8.937	13.505	13.572	13.434	13.975	10.985	9.866
OTU 179	11.501	10.226	9.158	7.027	11.578	13.103	13.921	12.678	8.245	8.500
OTU 180	9.371	9.781	9.795	7.804	11.779	13.096	12.966	13.078	10.206	8.649
OTU 184	10.034	8.759	8.098	6.566	10.785	13.132	11.865	11.089	6.126	5.633
OTU 185	9.641	10.025	9.178	9.902	11.631	12.991	13.290	12.552	10.073	9.052
OTU 188	9.674	8.885	7.546	6.671	11.080	12.557	11.963	11.736	8.061	5.795
OTU 190	9.005	9.269	7.562	6.913	10.536	12.624	12.195	11.482	7.840	5.418
OTU 192	10.366	9.693	9.127	7.338	10.182	12.189	12.876	11.283	7.256	6.251
OTU 193	9.876	9.222	8.021	6.000	12.115	13.701	12.225	12.054	9.357	6.692
OTU 195	9.633	8.001	6.971	6.318	11.357	12.478	11.650	11.773	7.937	5.307
OTU 198	7.702	6.873	6.062	7.367	11.931	13.934	12.175	12.204	9.460	7.439
OTU 201	10.598	9.723	8.632	7.751	12.707	14.407	12.906	13.291	9.277	6.818
OTU 203	9.306	9.560	8.176	7.765	11.099	12.506	12.360	11.653	8.312	6.978
OTU 204	9.287	7.961	7.608	7.251	11.778	12.745	11.756	11.756	8.462	6.391
OTU 205	10.606	10.688	9.322	8.678	11.350	12.927	12.114	12.730	9.378	8.534

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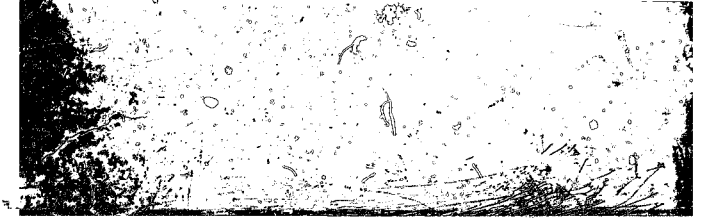


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 207	9.180	9.011	7.595	6.802	11.126	12.902	12.230	11.905	8.746	7.215
OTU 208	10.127	9.695	8.342	8.197	11.194	13.528	12.136	11.970	8.957	7.947
OTU 211	10.395	11.290	9.468	9.639	9.761	13.129	11.327	11.336	9.906	10.169
OTU 214	12.212	13.085	10.913	9.644	8.839	10.037	8.679	9.403	6.019	8.805
OTU 215	12.003	12.913	10.936	10.588	9.768	11.476	9.751	10.117	7.032	8.860
OTU 17	12.761	12.643	11.358	11.041	8.372	10.289	10.510	9.167	7.126	10.968
OTU 219	13.585	13.011	11.895	11.385	8.609	10.301	9.566	9.083	6.538	11.568
OTU 222	10.786	9.906	9.710	9.133	10.216	10.730	19.645	18.796	15.153	10.778
OTU 223	10.837	9.881	8.646	7.718	10.541	10.605	16.962	16.004	12.417	8.550
OTU 224	9.211	7.709	6.017	5.875	13.722	15.146	15.069	14.603	9.185	6.382
OTU 226	8.132	6.573	6.948	7.110	14.497	15.717	16.141	14.818	12.147	9.405
OTU 228	9.190	9.067	9.162	7.732	10.896	13.690	13.746	12.627	10.136	9.585
OTU 232	8.559	8.270	7.786	7.709	11.782	13.899	13.626	12.883	9.708	8.892
OTU 233	9.746	9.690	9.006	8.725	15.741	16.953	17.552	15.957	12.037	11.759
OTU 237	89	9.009	8.412	7.082	13.266	15.147	15.099	14.121	10.160	7.360
OTU 238	11	7.357	7.203	7.101	11.202	14.941	14.917	14.017	9.768	7.959
OTU 240	81	9.832	8.622	8.917	13.608	15.654	16.454	14.507	11.534	8.588
OTU 242	100	7.555	6.618	6.978	11.771	13.694	14.131	12.940	9.383	6.993
OTU 245	520	7.895	6.780	5.598	12.563	14.454	15.343	14.268	10.807	8.612
OTU 250	1.891	9.569	8.442	7.336	13.238	15.367	15.818	14.822	10.836	8.953
OTU 253	8.905	8.981	8.117	7.192	13.260	14.840	15.472	14.749	10.862	9.266
OTU 256	10.508	9.774	9.639	9.220	11.393	14.381	14.851	13.862	10.845	10.471
OTU 257	9.747	9.142	8.577	8.688	11.416	13.397	14.095	12.693	8.578	9.083
OTU 259	9.041	8.617	7.513	6.306	11.611	13.553	13.520	12.297	9.050	7.996
OTU 261	9.650	9.585	8.129	7.298	10.688	12.897	13.640	11.885	9.676	9.518
OTU 262	10.360	10.142	9.288	8.896	11.665	14.157	13.832	12.568	10.445	10.246
OTU 265	8.496	7.888	7.465	6.987	13.045	14.863	15.131	14.214	11.117	9.656
OTU 267	8.169	7.678	7.068	6.785	12.382	14.249	14.498	13.403	9.757	8.395
OTU 269	8.474	7.978	7.171	6.947	13.095	15.126	15.214	14.171	10.995	8.963
OTU 271	9.906	8.476	9.255	7.934	13.377	14.869	15.523	13.923	9.370	8.746
OTU 274	9.553	8.573	8.466	7.082	12.258	13.614	13.618	12.162	8.700	8.132
OTU 275	9.674	9.194	8.808	7.451	13.079	14.731	14.039	14.025	9.763	8.888
OTU 277	10.279	8.940	8.619	6.676	13.625	15.196	15.379	14.094	10.535	8.948
OTU 279	8.996	8.323	7.881	7.034	12.702	14.605	14.762	12.916	8.944	8.281
OTU 284	9.359	7.785	8.055	7.672	11.856	13.059	13.891	12.387	10.235	8.957
OTU 285	10.073	8.790	8.708	6.903	13.565	15.245	15.548	14.171	9.842	7.388
OTU 287	9.994	8.803	8.692	7.973	12.945	15.146	15.759	14.527	10.358	10.040
OTU 290	8.248	7.565	7.150	6.000	10.723	12.484	12.839	11.281	7.688	6.916
OTU 293	10.031	10.180	8.855	8.032	11.126	13.627	11.879	11.759	8.105	6.913
OTU 296	8.944	7.869	7.493	7.078	11.840	13.869	13.869	12.025	8.538	8.015
OTU 299	15.238	14.904	13.698	12.316	10.587	12.799	11.431	11.348	8.226	11.905
OTU 300	11.848	12.091	11.421	11.190	8.662	10.670	10.731	10.593	8.576	11.504
OTU 301	13.945	13.560	12.570	12.125	8.808	10.517	9.218	10.095	8.795	13.040
OTU 303	12.790	12.522	11.851	10.716	9.846	11.877	9.195	10.616	9.282	10.877
OTU 309	14.693	14.521	12.343	12.256	9.879	12.578	11.008	11.721	10.023	13.282
OTU 307	14.778	13.833	13.052	12.652	9.570	11.589	8.837	10.893	7.996	12.305
OTU 309	12.889	12.722	11.087	10.830	9.819	11.339	9.454	10.376	7.747	10.933
OTU 312	12.993	12.391	10.817	10.799	8.192	10.002	8.052	10.112	7.363	10.685
OTU 315	12.245	12.830	12.213	11.201	8.673	11.189	11.054	10.359	7.252	11.331
OTU 317	12.827	12.397	11.110	11.357	12.065	11.857	10.604	10.853	10.253	12.266

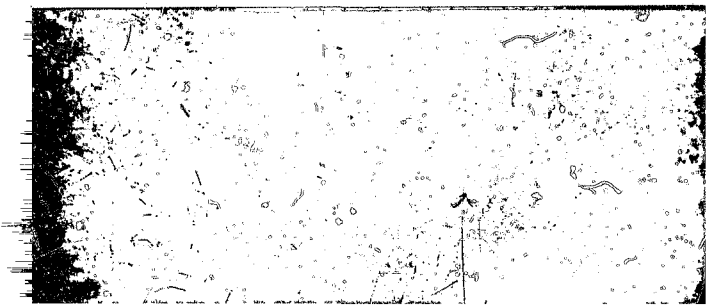
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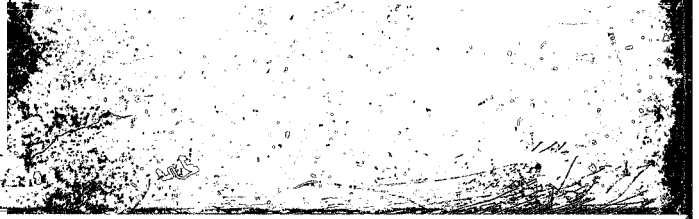


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 323	12.493	13.322	12.219	13.545	10.585	12.473	11.444	11.904	11.026	13.142
OTU 325	13.178	13.216	11.762	11.857	9.161	11.971	11.052	11.135	7.927	11.944
OTU 328	10.860	11.009	10.753	10.644	10.081	11.709	10.568	10.933	7.716	9.872
OTU 329	11.762	11.369	10.111	9.461	8.335	10.774	9.019	9.383	6.110	9.106
OTU 331	13.106	13.027	11.311	11.071	9.190	10.989	9.574	10.211	6.721	10.461
OTU 334	13.154	12.942	12.219	11.335	8.746	10.346	9.599	10.150	6.650	11.827
OTU 335	15.103	14.892	14.292	12.970	10.734	12.715	11.903	12.378	8.025	13.077
OTU 336	14.669	15.426	14.188	12.403	11.080	13.182	13.917	12.994	8.898	13.185





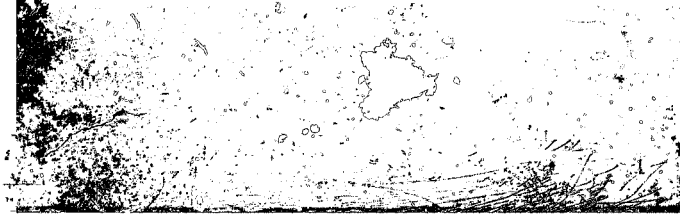
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COMPUTE EUCLIDEAN DISTANCE

	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 131	0.000									
OTU 133	7.195	0.000								
OTU 134	7.003	6.816	0.000							
OTU 137	6.364	7.183	5.998	0.000						
OTU 139	8.873	6.787	8.930	7.515	0.000					
OTU 141	7.484	8.364	7.378	7.302	9.531	0.000				
OTU 142	7.944	7.355	6.811	6.600	7.548	8.251	0.000			
OTU 144	6.643	8.072	6.217	7.260	7.267	8.344	7.937	0.000		
OTU 146	7.578	8.924	8.499	7.125	11.156	9.287	7.491	9.371	0.000	
OTU 148	6.755	8.192	6.859	7.918	8.316	8.401	6.308	6.831	8.748	0.000
OTU 150	8.254	7.448	7.636	6.889	8.957	7.087	5.948	8.303	6.996	8.144
OTU 154	6.624	7.239	7.142	8.674	8.455	9.366	6.930	8.076	10.134	6.884
OTU 156	8.218	9.101	7.056	8.526	6.891	9.217	7.473	7.736	11.391	8.387
OTU 157	7.922	6.940	6.865	6.311	9.393	8.343	7.059	8.426	8.159	7.932
OTU 160	8.731	8.364	7.488	8.059	7.233	8.485	8.166	9.729	12.107	9.336
OTU 161	7.987	8.924	6.918	6.219	7.438	8.744	6.111	7.886	9.509	7.098
OTU 163	7.653	7.311	6.852	6.728	6.396	6.132	6.469	7.899	9.923	7.784
OTU 168	9.220	7.222	7.681	7.760	8.095	7.954	6.574	9.058	10.526	8.272
OTU 169	7.556	8.838	7.007	8.781	7.475	9.523	8.230	8.730	11.390	7.497
OTU 170	5.930	6.996	6.523	7.388	7.660	7.276	6.676	7.041	9.629	6.406
OTU 172	15.660	15.965	15.506	15.751	17.472	16.011	14.770	16.841	15.633	15.439
OTU 173	15.583	13.047	16.348	15.135	17.890	14.604	13.976	16.829	14.377	15.889
OTU 174	10.951	8.307	11.022	11.787	13.483	11.159	9.900	12.755	11.421	11.882
OTU 175	10.629	7.627	10.691	10.675	12.696	9.925	9.102	11.394	10.349	9.383
OTU 176	8.658	6.761	10.536	9.576	12.170	10.276	8.667	10.404	8.984	7.257
OTU 178	8.075	8.305	9.534	8.749	9.847	8.966	8.882	9.885	8.596	9.147
OTU 179	8.031	7.932	8.764	7.934	9.310	8.178	6.615	9.227	9.799	8.408
OTU 180	7.887	7.088	8.720	7.206	10.220	8.954	7.699	8.958	6.762	7.995
OTU 181	7.233	7.197	7.594	6.709	9.102	8.046	6.119	7.772	7.997	9.129
OTU 185	9.063	8.871	9.201	9.585	9.599	8.991	7.867	9.067	9.678	6.975
OTU 188	7.135	7.555	7.100	7.368	7.906	6.598	6.268	8.027	9.068	7.797
OTU 190	5.903	5.267	7.026	7.228	8.716	7.707	5.734	6.770	8.313	5.829
OTU 192	8.240	7.089	8.067	8.286	9.150	7.707	6.518	8.798	9.100	6.871
OTU 193	6.835	7.957	8.548	8.755	9.410	7.728	7.820	7.970	9.783	6.355
OTU 195	7.172	8.164	6.856	6.993	7.220	6.708	7.278	7.515	8.542	6.776
OTU 196	6.318	6.114	6.264	6.962	8.190	7.469	7.477	6.582	7.980	5.557
OTU 201	6.675	7.216	8.030	8.350	8.765	7.653	8.708	8.068	9.927	7.058
OTU 203	7.423	6.844	7.865	8.093	8.698	7.537	8.781	8.058	9.227	7.362
OTU 204	6.505	5.886	7.084	6.216	8.811	8.527	7.188	8.704	8.510	5.153
OTU 205	7.913	7.752	9.358	9.346	9.824	8.260	8.371	8.817	9.461	7.009
OTU 207	6.183	6.429	7.172	8.287	8.546	7.106	7.833	7.663	9.906	6.718
OTU 208	7.112	7.109	8.661	8.709	10.055	8.459	7.860	8.060	8.636	6.828
OTU 211	9.214	9.015	9.967	10.054	12.226	9.477	9.191	9.970	9.037	8.119
OTU 214	10.354	7.033	10.365	10.787	12.899	9.289	9.361	11.365	10.348	7.660
OTU 215	10.866	7.669	10.773	11.037	13.673	10.327	9.210	11.425	10.975	8.034
OTU 217	11.019	8.301	11.812	11.527	13.413	11.901	9.504	11.977	10.088	9.348
OTU 219	12.095	8.293	12.478	11.443	14.566	11.583	10.718	12.980	10.453	10.669
OTU 222	10.264	11.191	9.384	10.477	7.977	10.373	11.438	9.717	13.272	11.691
OTU 223	8.975	9.020	7.221	8.847	6.893	9.097	8.673	8.703	11.088	9.140
OTU 224	7.172	7.216	6.658	7.482	7.780	7.695	7.488	7.698	9.413	7.456

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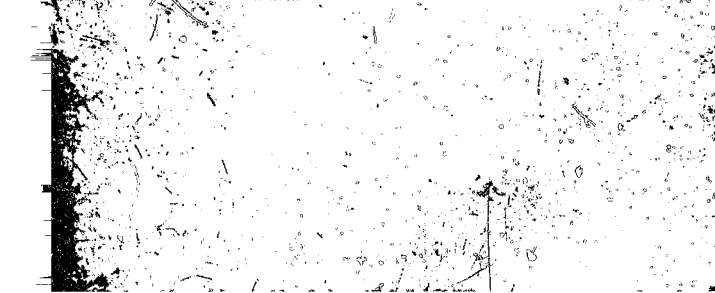


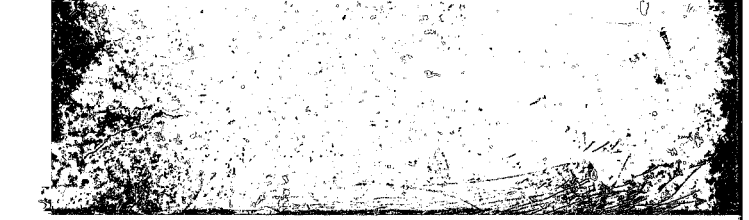


CONTINUATION OF

COMPUTE EUCLIDEAN DISTANCE

	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	6.696	8.985	6.591	7.761	6.698	8.449	8.735	7.185	9.151	9.131
OTU 228	7.368	8.736	8.940	8.004	10.636	7.842	7.689	6.306	7.557	9.214
OTU 232	6.726	8.029	6.938	7.430	8.358	7.697	6.715	6.431	7.256	7.918
OTU 233	8.410	9.394	6.560	7.541	7.963	8.175	9.185	7.473	11.093	9.908
OTU 237	6.505	7.893	7.482	7.949	7.513	7.600	7.815	7.111	9.687	8.313
OTU 238	7.152	8.162	5.855	6.516	7.116	7.524	6.486	5.740	8.119	7.983
OTU 240	7.991	9.160	7.591	8.976	9.445	7.687	8.345	5.857	8.868	7.731
OTU 242	7.306	7.370	6.786	6.217	8.007	7.147	6.825	6.651	7.272	7.909
OTU 245	6.599	8.192	6.803	7.071	7.885	6.777	7.254	7.960	7.957	8.940
OTU 250	7.670	8.968	7.770	8.117	8.337	7.732	7.254	7.130	9.760	8.369
OTU 253	7.845	8.586	7.732	8.359	8.226	7.135	7.218	7.992	9.076	8.156
OTU 256	9.519	10.231	10.055	9.969	11.103	9.415	9.152	8.596	9.166	10.071
OTU 257	8.371	7.867	8.383	7.882	9.155	6.665	7.134	6.605	8.634	7.885
OTU 258	7.104	6.992	6.533	6.823	7.913	6.787	6.066	6.577	8.192	8.068
OTU 261	8.217	7.916	8.103	6.706	9.663	7.551	7.399	7.922	8.229	9.189
OTU 263	8.691	8.939	9.709	8.161	11.471	9.406	8.816	9.001	7.659	10.126
OTU 265	7.902	8.065	5.972	7.283	7.206	7.779	6.964	6.826	8.830	8.908
OTU 267	7.081	7.930	6.405	5.911	7.723	6.786	6.181	6.030	7.930	8.231
OTU 269	6.910	7.963	5.349	6.101	6.856	6.759	7.071	6.309	8.326	8.268
OTU 271	7.816	8.353	7.364	8.209	8.360	8.544	6.413	7.960	8.729	7.045
OTU 276	7.583	8.481	6.787	7.273	8.742	8.006	7.182	7.003	8.097	7.313
OTU 277	7.682	8.351	7.697	8.039	8.359	7.095	7.193	6.817	7.971	8.226
OTU 277	8.039	8.579	7.899	7.397	7.756	8.568	6.503	8.147	9.608	8.790
OTU 279	7.587	8.370	7.169	6.682	8.697	8.106	7.439	6.882	7.807	7.629
OTU 284	8.666	8.382	7.095	7.109	7.808	8.230	6.836	7.538	7.750	7.708
OTU 286	8.338	8.479	6.801	7.106	8.111	7.230	6.150	7.406	9.057	8.147
OTU 287	9.099	9.485	8.816	8.377	10.410	8.944	8.057	6.343	8.707	9.685
OTU 290	6.883	5.930	6.338	6.304	8.290	7.384	5.520	6.291	6.672	6.123
OTU 293	8.090	8.576	7.196	7.837	7.756	7.867	7.524	7.270	8.268	7.160
OTU 294	5.529	7.419	7.547	6.235	9.557	7.311	7.075	6.600	6.634	7.137
OTU 299	10.365	9.962	12.440	11.139	13.933	13.037	10.821	11.020	11.273	10.207
OTU 300	10.233	9.172	11.475	11.490	13.593	11.625	10.100	11.879	8.769	9.464
OTU 302	12.939	10.091	14.012	12.759	14.643	12.422	10.400	13.950	11.535	10.840
OTU 303	12.071	8.742	10.483	11.432	12.484	10.913	9.210	12.770	11.045	8.999
OTU 304	12.687	10.951	13.868	12.663	15.923	12.693	10.862	13.496	10.947	11.612
OTU 307	13.255	9.710	13.225	12.454	14.960	12.143	11.306	13.986	10.613	10.781
OTU 309	11.616	8.494	11.596	11.031	13.320	10.716	10.039	12.635	10.080	9.433
OTU 312	11.640	7.392	11.337	11.072	13.195	11.099	9.694	12.732	9.324	9.457
OTU 315	11.615	8.660	11.395	12.057	13.058	11.690	10.194	12.471	11.042	9.711
OTU 317	11.830	9.867	12.103	11.341	14.427	12.170	9.875	12.753	8.984	10.466
OTU 323	12.712	11.268	13.379	13.138	14.754	13.625	11.868	13.858	11.117	10.933
OTU 325	12.411	9.588	12.157	12.118	13.791	11.385	9.520	12.703	10.434	9.986
OTU 328	10.001	8.111	10.255	10.640	11.984	10.164	9.201	10.816	9.926	7.502
OTU 329	10.108	6.855	10.158	10.193	11.883	10.052	7.885	11.077	9.287	7.553
OTU 331	11.704	8.046	11.518	11.617	12.931	10.845	9.483	12.318	10.069	8.919
OTU 334	12.371	9.707	11.569	11.801	13.204	10.895	9.691	13.066	11.081	9.861
OTU 335	14.416	10.398	13.383	13.717	14.400	12.126	11.287	14.785	13.155	11.705
OTU 338	14.113	10.892	13.751	13.705	14.395	12.216	11.420	14.702	13.744	12.359



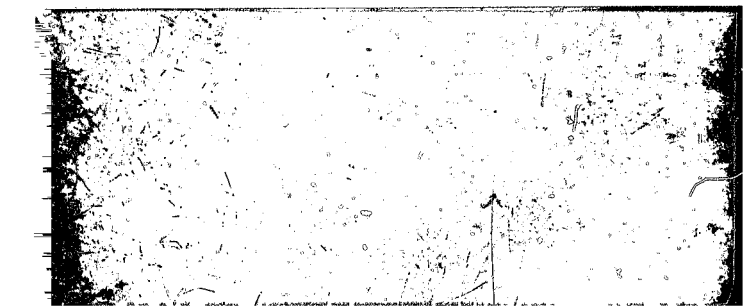


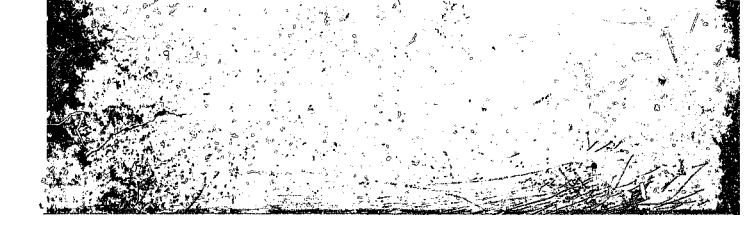
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COMPUTE EUCLIDEAN DISTANCE

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 150	0.000									
OTU 154	8.787	0.000								
OTU 156	9.166	9.021	0.000							
OTU 157	7.044	7.493	8.388	0.000						
OTU 160	9.591	9.988	9.134	8.938	0.000					
OTU 161	7.697	6.932	7.217	7.228	6.076	0.000				
OTU 163	6.390	8.316	7.652	8.083	7.341	5.754	0.000			
OTU 168	6.989	6.273	7.187	7.173	7.854	6.001	5.087	0.000		
OTU 169	9.932	7.303	7.780	8.473	6.570	6.526	7.128	7.875	0.000	
OTU 170	9.069	6.371	7.193	7.692	8.254	5.777	5.253	6.776	6.606	0.000
OTU 172	13.316	14.795	16.307	15.589	16.947	15.183	15.582	16.964	17.194	15.342
OTU 173	12.392	14.126	14.693	13.571	14.015	13.111	13.750	13.583	16.958	13.168
OTU 174	10.892	9.361	12.578	10.230	11.650	10.602	11.112	9.919	11.925	10.378
OTU 175	9.652	8.330	12.561	9.157	12.119	10.296	10.164	9.790	10.578	9.526
OTU 176	9.625	8.683	11.314	8.834	11.572	8.703	9.149	9.189	10.621	8.644
OTU 178	9.085	9.675	11.260	10.065	11.200	8.644	7.639	10.171	9.787	9.820
OTU 179	6.732	7.617	9.268	6.359	8.881	6.694	5.580	4.644	8.286	7.155
OTU 180	6.115	9.400	10.705	8.666	10.791	9.153	7.495	9.170	10.167	8.472
OTU 184	6.850	5.752	9.170	6.127	9.019	5.586	6.482	5.935	7.545	6.275
OTU 187	8.001	9.335	9.946	10.002	11.160	9.861	7.842	8.388	7.990	9.586
OTU 188	6.976	7.113	7.677	7.974	8.014	7.093	5.823	6.916	7.547	6.164
OTU 190	7.118	5.256	7.166	6.317	8.651	5.945	6.503	6.130	6.957	6.106
OTU 192	7.348	7.576	8.196	7.014	8.948	7.785	6.766	7.479	7.947	7.306
OTU 193	8.885	8.581	9.207	9.635	9.343	7.928	6.651	8.483	7.381	8.217
OTU 195	6.815	6.943	9.535	7.102	8.345	7.256	6.790	7.372	7.518	6.879
OTU 198	7.471	8.234	8.914	7.808	10.096	7.383	7.622	9.022	8.892	7.604
OTU 201	5.024	7.750	9.654	9.316	9.650	7.994	6.822	8.880	7.240	5.667
OTU 203	7.493	7.334	8.061	8.937	9.804	7.847	6.855	7.558	8.497	5.954
OTU 204	8.301	7.338	8.855	8.405	8.663	7.804	8.048	8.893	7.960	6.758
OTU 205	8.433	8.249	9.944	9.592	11.173	9.373	7.791	8.863	9.202	7.163
OTU 207	7.731	7.776	8.419	8.039	8.661	7.167	6.039	7.797	7.583	5.665
OTU 208	7.138	8.358	9.922	8.353	10.428	7.643	6.961	8.182	8.785	6.873
OTU 211	8.305	10.027	11.781	8.481	12.254	10.683	9.480	8.878	11.941	9.443
OTU 214	9.355	8.049	11.992	9.213	11.471	10.046	10.084	8.704	10.191	
OTU 216	9.206	8.593	11.754	10.454	8.235	10.569	10.372	9.569	10.860	
OTU 217	9.008	9.698	12.257	10.810	12.699	10.251	11.166	10.038	12.693	
OTU 221	9.563	10.176	13.547	10.057	13.177	11.593	11.961	10.393	13.207	
OTU 222	10.776	12.007	10.514	11.796	9.918	10.186	9.092	11.663	10.152	
OTU 223	9.240	9.098	7.890	9.478	7.908	7.339	8.428	8.691	7.763	
OTU 224	7.806	7.742	8.868	8.931	9.910	8.761	8.307	7.158	8.745	
OTU 226	8.316	10.997	9.472	9.029	10.067	8.437	7.048	9.806	9.876	
OTU 228	6.965	9.316	9.524	7.114	10.903	8.418	8.017	8.023	10.147	7.989
OTU 232	7.182	8.232	8.741	7.962	10.356	8.026	7.011	8.159	9.034	6.482
OTU 233	9.037	9.560	8.730	9.465	8.168	7.630	7.329	8.196	7.467	7.328
OTU 237	8.001	8.046	8.068	8.763	8.158	6.380	5.498	7.779	7.561	5.743
OTU 238	7.459	8.516	7.418	6.840	8.261	6.857	7.346	7.377	7.686	7.364
OTU 240	6.020	9.369	9.800	9.287	11.571	9.476	8.291	9.432	10.320	7.933
OTU 242	5.341	8.997	8.358	6.892	9.166	7.121	6.748	7.253	9.537	7.136
OTU 245	6.878	9.346	8.005	7.173	7.619	7.195	5.860	7.705	7.655	6.869
OTU 250	6.469	9.548	8.261	8.909	9.179	8.001	5.605	7.285	8.303	7.287

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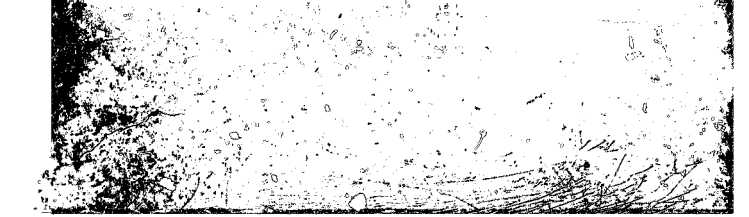


CONTINUATION OF

COMPUTE EUC' IDEAN DISTANCE

	OTU 150	OTU 154	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 253	9.509	9.055	8.584	8.770	9.533	7.672	9.672	7.387	9.551	7.086
OTU 255	6.880	10.528	10.990	8.737	11.601	9.914	8.090	7.693	11.576	8.819
OTU 257	5.961	8.691	9.144	7.512	9.433	7.742	6.396	6.400	8.571	7.976
OTU 258	6.569	7.656	8.975	6.149	8.466	6.805	6.106	6.853	8.260	6.719
OTU 261	6.884	9.719	9.107	6.539	9.748	8.006	6.996	6.687	10.132	7.697
OTU 263	7.991	9.761	10.910	6.587	11.982	9.194	9.035	8.881	11.298	8.751
OTU 265	6.256	8.867	7.590	7.759	8.697	7.540	6.581	7.478	8.700	7.585
OTU 267	5.418	6.380	8.097	6.822	8.004	7.290	6.315	6.904	8.509	6.922
OTU 269	6.998	8.587	7.381	7.575	8.428	7.640	6.726	7.998	8.289	6.981
OTU 271	7.000	8.287	7.530	7.305	9.098	7.340	7.632	7.321	7.591	7.643
OTU 274	6.822	8.876	8.198	8.242	8.992	7.608	8.079	7.085	8.268	7.399
OTU 275	6.392	8.896	8.780	8.507	9.710	8.311	7.189	7.803	8.982	7.571
OTU 277	7.418	8.386	6.310	6.954	7.808	6.793	6.635	6. 7	7.654	6.795
OTU 278	6.956	8.479	8.093	5.914	9.538	6.900	7.531	7 9	8.272	7.680
OTU 284	7.314	8.616	8.832	8.018	8.893	6.382	8.454	7.4.5	9.076	9.170
OTU 286	7.186	7.731	7.495	7.383	7.607	6.541	5.012	5.783	7.420	6.970
OTU 287	5.844	10.481	9.969	6.954	10.363	8.467	8.857	7.819	10.383	9.665
OTU 290	5.702	8.461	7.512	6.356	8.779	6.271	6.706	5.900	8.060	6.026
OTU 293	7.755	6.303	9.775	6.656	10.228	7.834	7.910	6.916	9.034	6.667
OTU 294	6.770	9.484	9.083	6.900	9.989	6.986	7.831	7.886	8.929	6.626
OTU 299	11.740	9.001	13.515	11.702	13.263	11.634	10.469	10.332	11.618	11.320
OTU 300	10.233	10.097	12.369	10.136	13.078	11.560	12.541	10.990	12.402	10.970
OTU 302	9.791	11.546	13.918	10.175	14.135	12.834	12.281	11.495	14.028	12.519
OTU 303	9.114	9.677	12.524	9.556	12.116	11.210	11.018	9.843	11.278	10.262
OTU 304	9.918	11.946	15.485	11.708	15.476	12.820	11.987	11.049	14.336	12.767
OTU 307	10.916	10.538	15.050	11.087	14.412	13.123	13.019	11.587	13.568	13.031
OTU 309	9.366	10.088	13.286	9.927	12.873	11.638	10.915	9.968	12.181	10.871
OTU 312	9.749	8.986	13.319	9.987	13.089	11.026	11.394	10.786	12.263	10.748
OTU 315	10.575	9.202	12.696	9.981	12.418	10.960	11.193	9.606	11.486	10.756
OTU 317	8.057	11.393	13.855	9.713	14.123	11.396	11.862	10.740	13.074	11.840
OTU 323	11.410	12.621	13.752	12.606	15.266	13.286	12.737	12.857	15.068	12.871
OTU 325	8.529	10.833	13.674	10.645	13.717	11.776	11.232	9.997	12.960	11.934
OTU 326	9.789	9.374	11.577	10.206	12.416	10.305	11.132	10.654	11.503	10.122
OTU 329	7.750	7.528	11.623	8.363	11.576	9.168	9.370	8.276	10.746	9.039
OTU 331	9.084	9.249	12.509	10.261	12.458	11.010	10.767	9.544	11.537	10.739
OTU 334	9.777	9.641	13.005	10.231	12.672	11.649	11.609	9.789	12.166	11.540
OTU 335	10.905	10.860	14.762	12.004	13.974	12.781	12.064	10.683	13.158	12.889
OTU 338	10.913	11.605	14.148	11.664	13.021	12.062	11.397	9.992	12.952	12.099





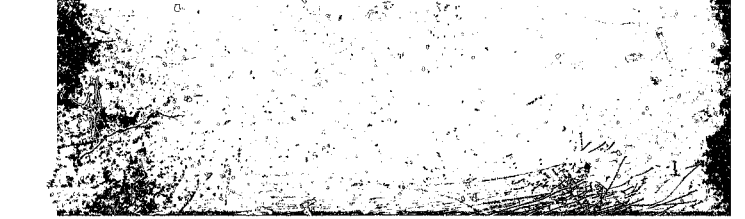
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 172	0.000									
OTU 173	9.229	0.000								
OTU 174	10.749	9.116	0.000							
OTU 175	13.139	10.484	6.131	0.000						
OTU 176	12.054	11.663	6.512	6.669	0.000					
OTU 178	16.360	14.867	10.532	9.247	8.020	0.000				
OTU 179	14.351	12.893	9.222	9.221	8.650	6.550	0.000			
OTU 180	14.251	13.093	10.943	9.622	8.341	6.562	8.561	0.000		
OTU 184	15.031	13.905	9.018	5.866	6.302	8.169	5.815	7.436	0.000	
OTU 185	14.641	13.117	10.467	10.269	8.680	9.437	8.516	8.116	8.190	0.000
OTU 188	13.836	13.444	8.668	7.943	7.583	8.142	7.043	7.033	5.783	5.532
OTU 189	14.167	12.874	9.271	7.330	6.997	7.503	6.569	7.472	4.724	7.369
OTU 192	13.623	12.861	7.720	8.140	7.196	8.806	5.355	8.260	6.000	6.311
OTU 193	15.518	15.863	10.276	9.476	7.583	7.062	8.218	7.762	6.793	7.149
OTU 195	14.186	14.206	9.088	6.774	7.140	7.855	7.596	6.614	5.325	6.89;
OTU 199	15.265	14.554	11.001	9.674	7.328	7.831	9.015	6.984	6.295	8.201
OTU 201	16.688	15.289	10.206	9.193	8.093	6.921	7.860	8.320	6.321	7.097
OTU 203	14.057	13.627	8.895	8.266	7.151	7.966	7.605	7.675	6.652	6.366
OTU 204	14.803	15.358	9.731	9.054	7.254	8.439	8.822	8.078	6.160	7.682
OTU 206	14.857	13.777	8.967	8.996	7.540	7.962	8.182	7.935	7.132	5.690
OTU 207	13.826	13.401	8.595	8.163	6.837	6.849	7.139	8.027	6.408	7.600
OTU 208	14.670	13.681	9.263	8.204	5.684	7.068	6.691	7.396	5.635	7.591
OTU 211	14.036	12.860	9.091	8.321	6.693	9.140	6.151	8.888	7.738	6.822
OTU 214	12.189	11.347	8.116	8.781	6.673	10.216	8.562	9.151	7.036	8.369
OTU 215	14.569	12.995	7.410	5.734	6.899	10.635	9.580	9.521	7.788	8.269
OTU 217	10.716	9.321	5.663	6.834	6.254	10.523	9.386	9.876	8.478	8.380
OTU 219	11.775	10.943	7.596	7.251	7.313	11.506	9.677	10.171	8.766	10.758
OTU 222	19.680	20.130	16.048	15.128	14.446	11.612	12.056	11.619	11.692	12.982
OTU 223	17.977	17.573	13.184	12.631	11.831	9.985	8.931	10.191	8.652	10.417
OTU 224	16.101	15.941	11.519	10.206	9.374	9.511	7.156	8.482	5.891	8.893
OTU 226	16.632	16.731	12.828	11.594	10.786	8.762	9.508	8.536	8.952	9.799
OTU 228	16.580	16.103	10.504	9.163	8.586	7.986	7.374	8.095	7.798	9.206
OTU 232	12.720	13.387	10.883	8.786	8.688	9.838	8.199	7.707	6.985	7.719
OTU 233	17.676	16.997	13.604	11.416	12.300	10.990	8.871	10.182	8.997	10.599
OTU 237	15.725	15.411	11.630	10.237	9.776	7.319	7.632	7.938	7.182	9.688
OTU 238	17.091	16.308	12.231	10.130	10.184	9.144	8.760	8.333	6.968	9.352
OTU 241	17.671	16.595	12.911	10.911	11.311	8.893	10.281	8.837	7.948	9.488
OTU 242	15.191	14.955	11.832	9.969	9.069	8.470	7.678	7.741	6.889	9.281
OTU 248	15.132	14.360	10.699	10.766	9.294	7.854	7.075	7.967	6.697	8.673
OTU 250	19.998	19.006	15.805	14.989	13.101	8.252	7.400	8.206	7.382	9.298
OTU 253	15.445	14.810	11.648	10.829	9.926	8.209	7.254	7.181	7.583	9.533
OTU 255	15.353	12.632	11.337	10.217	9.734	9.383	7.606	8.753	6.562	9.556
OTU 257	13.991	12.704	9.928	9.593	8.389	8.581	6.241	7.560	6.308	7.116
OTU 259	14.782	13.676	10.159	9.387	8.613	8.476	6.808	7.585	6.008	9.334
OTU 261	13.948	11.689	10.122	9.352	9.069	8.418	6.719	7.755	7.442	8.970
OTU 263	16.974	15.946	11.512	9.461	9.154	8.839	7.750	8.907	8.230	10.343
OTU 265	15.205	14.850	12.177	10.737	10.616	9.260	8.078	7.629	8.201	8.876
OTU 267	15.782	14.511	11.791	10.199	9.048	7.904	7.380	7.091	6.657	8.100
OTU 269	16.007	15.117	12.516	10.227	10.853	8.726	8.893	7.634	7.840	9.666
OTU 271	15.619	14.826	11.009	10.512	9.765	9.201	7.894	8.766	6.951	7.685

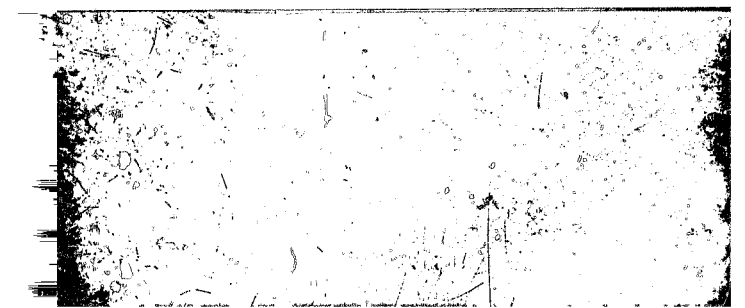
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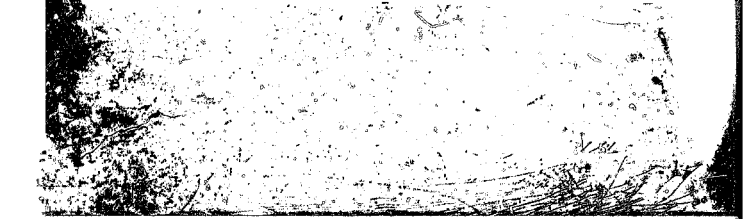




COMPUTE EUCLIDEAN DISTANCE

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 276	13.860	13.209	10.276	9.380	9.271	9.351	7.637	7.950	6.269	8.015
OTU 275	15.891	14.546	11.629	10.001	10.589	8.848	8.200	7.737	7.228	8.536
OTU 277	15.798	14.838	11.607	11.457	10.721	10.076	9.689	8.985	7.612	8.585
OTU 279	15.894	14.982	10.924	9.901	8.813	9.135	7.521	7.978	6.023	9.137
OTU 284	17.512	16.899	13.339	11.577	11.370	10.905	9.330	7.976	7.961	9.618
OTU 285	16.959	15.572	12.262	10.621	10.569	8.956	8.471	8.970	6.826	9.002
OTU 287	15.211	13.633	11.385	10.681	9.694	10.001	7.737	6.811	7.984	10.649
OTU 290	14.368	13.298	9.489	8.388	7.277	7.877	6.976	7.884	5.723	7.686
OTU 293	15.500	14.062	10.386	7.890	8.782	8.896	7.736	8.041	5.906	9.180
OTU 294	15.578	14.198	10.794	8.979	7.996	7.184	7.487	7.237	5.732	8.553
OTU 299	12.963	11.759	7.574	8.025	8.902	12.125	9.976	12.129	9.313	10.370
OTU 300	14.883	13.659	9.338	8.982	8.740	11.227	11.238	10.865	9.273	9.931
OTU 302	10.679	9.857	8.376	6.066	8.628	11.959	10.793	10.900	10.437	9.961
OTU 303	12.905	12.030	7.873	7.772	9.687	11.572	9.892	10.998	9.401	9.902
OTU 304	11.758	10.715	8.205	7.630	7.616	10.620	9.210	9.928	8.997	11.310
OTU 307	13.657	11.635	9.355	8.019	9.196	12.633	11.011	10.666	9.969	11.440
OTU 309	12.395	11.139	7.658	7.841	7.882	10.773	9.004	9.085	8.347	8.838
OTU 312	12.307	10.655	7.055	5.858	6.963	9.928	9.875	9.719	8.217	10.618
OTU 315	12.576	11.041	8.874	7.666	7.979	9.798	8.963	11.363	8.041	10.220
OTU 317	12.131	10.899	7.881	8.575	7.300	10.518	9.686	10.132	9.072	10.679
OTU 323	14.096	14.390	11.510	12.061	10.787	13.697	13.235	12.451	11.317	10.891
OTU 325	12.617	10.667	7.902	7.084	7.475	11.330	9.377	9.882	8.928	9.920
OTU 328	14.198	13.720	8.806	7.552	7.882	10.228	11.108	10.405	8.005	9.130
OTU 329	11.828	10.679	6.478	5.785	5.784	9.715	7.759	9.164	6.414	8.894
OTU 331	11.610	10.392	6.213	6.575	7.054	11.135	9.200	9.988	8.152	8.958
OTU 334	12.214	11.044	6.962	6.880	8.182	11.682	9.934	10.822	8.753	9.886
OTU 335	13.214	10.953	8.366	7.692	9.097	12.182	9.827	12.272	10.108	11.279
OTU 336	13.415	10.458	7.881	9.106	9.514	12.055	8.870	12.583	10.639	12.137



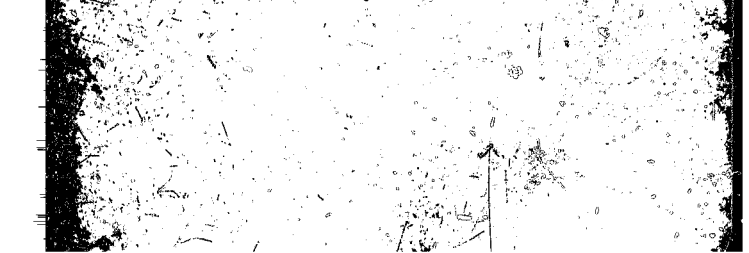


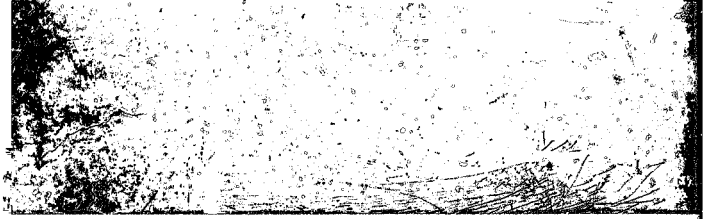
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 198	OTU 201	OTU 203	OTU 204	OTU 205
OTU 188	0.000									
OTU 190	5.405	0.000								
OTU 192	5.536	5.816	0.000							
OTU 193	6.008	5.970	6.991	0.000						
OTU 195	4.488	6.279	6.494	6.210	0.000					
OTU 198	5.384	6.617	7.295	6.879	5.328	0.000				
OTU 201	5.537	6.225	7.615	5.211	5.853	6.922	0.000			
OTU 203	5.166	5.535	6.018	6.612	5.236	6.775	6.126	0.000		
OTU 204	5.812	6.460	7.508	6.512	5.330	5.568	6.270	5.569	0.000	0.000
OTU 205	5.087	6.201	6.441	6.181	5.068	7.091	6.935	5.407	7.180	5.787
OTU 207	4.947	5.620	5.991	5.683	5.447	5.717	4.689	5.024	5.998	5.787
OTU 208	6.128	6.082	6.621	5.791	6.163	5.786	5.224	5.928	6.485	6.028
OTU 211	8.196	7.940	7.044	8.750	8.002	7.845	8.850	8.028	9.123	8.233
OTU 214	6.840	7.697	6.490	8.249	6.605	9.251	8.730	6.908	7.923	7.777
OTU 215	7.382	7.870	7.752	9.042	7.740	8.984	9.053	7.305	7.482	8.306
OTU 217	7.985	8.458	7.254	10.075	8.267	9.858	9.961	7.882	8.988	7.988
OTU 219	9.531	9.719	8.659	11.927	9.912	10.803	11.312	9.564	10.061	10.251
OTU 222	11.068	11.215	12.251	10.958	10.942	10.795	10.546	12.127	11.800	12.029
OTU 223	8.193	8.296	9.164	8.523	8.358	8.913	8.059	9.542	8.783	8.947
OTU 224	6.993	6.568	7.383	8.298	6.855	7.347	7.579	7.453	7.876	8.861
OTU 226	8.565	8.083	8.861	8.772	8.735	7.797	7.896	8.024	8.484	9.490
OTU 228	6.612	6.476	7.761	8.892	8.930	8.504	8.786	7.661	9.587	8.906
OTU 232	6.832	6.693	7.323	7.783	6.944	6.569	6.442	5.969	7.243	7.161
OTU 233	8.981	8.218	9.176	9.979	9.121	9.513	9.187	9.444	9.922	10.036
OTU 237	7.123	6.635	8.208	7.326	7.862	7.914	8.157	7.462	8.322	8.236
OTU 238	7.955	6.981	7.559	8.236	7.098	6.638	8.520	8.397	7.968	9.002
OTU 240	8.201	7.508	9.664	8.100	7.997	6.970	8.210	8.126	8.896	8.997
OTU 242	7.689	6.992	7.961	8.857	6.945	6.471	8.603	7.953	8.219	8.814
OTU 245	7.338	7.112	7.083	7.394	6.661	7.857	7.625	8.251	8.475	8.422
OTU 250	6.931	6.832	6.717	7.054	7.680	8.315	7.547	7.672	9.340	7.450
OTU 253	7.040	6.885	6.619	7.332	7.140	7.961	7.201	7.885	8.946	8.130
OTU 255	9.166	8.898	9.007	9.266	9.250	10.228	9.864	9.317	11.435	9.581
OTU 257	6.378	6.965	8.418	8.478	6.520	8.196	8.232	6.774	8.587	7.195
OTU 258	6.925	6.202	6.162	6.697	6.858	6.057	6.051	6.341	6.274	6.699
OTU 261	7.717	6.932	7.078	9.308	7.945	8.589	8.886	7.969	9.695	9.013
OTU 263	9.940	7.913	8.707	10.193	9.456	8.676	9.662	9.123	10.173	10.141
OTU 265	7.927	7.358	7.645	9.135	7.869	8.087	8.877	7.746	8.982	9.302
OTU 267	7.075	6.787	7.492	7.875	6.330	7.047	7.786	7.560	8.017	8.289
OTU 269	7.067	7.147	8.238	6.951	7.134	7.490	7.577	7.385	7.940	8.803
OTU 271	7.104	6.869	6.363	8.359	7.350	7.970	7.821	6.473	7.072	7.630
OTU 274	6.356	6.384	6.869	8.826	5.806	7.162	7.311	7.060	7.119	7.511
OTU 275	7.300	7.080	7.488	8.795	7.619	8.458	7.681	7.138	8.521	7.617
OTU 277	7.569	6.975	6.586	9.089	8.552	9.269	8.868	7.934	9.246	9.162
OTU 279	7.991	6.763	6.868	8.648	6.993	6.840	8.368	8.341	8.577	8.718
OTU 284	8.945	8.601	8.786	9.429	7.194	7.927	9.811	9.528	8.369	10.210
OTU 285	7.351	7.081	7.406	8.169	7.759	8.814	7.710	7.655	8.594	9.046
OTU 287	9.356	8.577	8.241	10.110	8.605	8.577	10.442	9.698	10.057	10.889
OTU 290	6.380	6.834	6.681	7.903	6.703	6.153	7.511	6.905	6.695	7.658
OTU 293	6.882	6.776	7.604	8.867	6.776	7.191	7.535	7.369	7.869	8.618
OTU 294	7.058	6.634	7.229	7.416	7.208	6.313	6.930	6.858	7.009	7.981

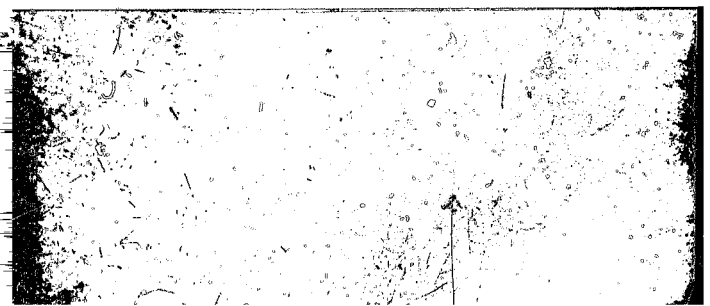
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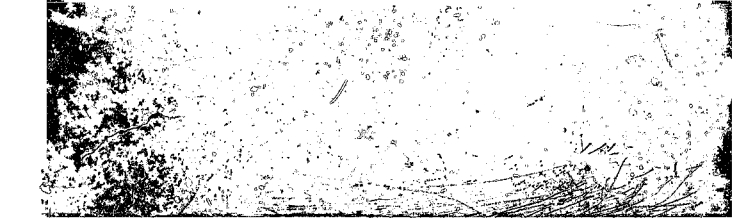




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	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 198	OTU 201	OTU 203	OTU 204	OTU 205
OTU 299	9.362	9.641	8.327	11.288	9.441	11.458	10.287	9.268	9.859	9.290
OTU 300	9.445	8.921	7.416	11.220	9.093	10.127	11.284	9.311	9.111	9.361
OTU 302	9.349	10.513	9.119	11.776	10.916	11.398	11.631	9.562	10.100	9.531
OTU 303	8.481	9.471	6.980	10.795	7.970	10.436	10.638	9.121	8.752	9.727
OTU 304	10.580	10.248	9.594	11.385	10.777	10.968	11.437	10.380	11.892	9.785
OTU 307	9.749	11.096	9.958	12.490	9.365	11.160	11.947	11.192	10.425	10.685
OTU 309	7.911	9.243	8.063	10.264	7.492	9.248	9.884	9.010	8.816	8.682
OTU 312	8.615	8.613	8.843	10.836	8.488	9.293	9.881	8.483	8.428	8.795
OTU 315	9.345	8.794	6.893	10.469	8.925	10.309	10.398	9.250	9.516	9.176
OTU 317	10.431	9.947	8.729	11.592	9.767	10.228	11.686	10.027	10.495	10.506
OTU 323	11.134	11.676	11.207	13.689	10.882	11.091	13.286	10.695	10.796	11.253
OTU 325	9.032	9.709	7.928	11.156	9.089	10.040	11.372	9.269	10.166	9.581
OTU 328	7.472	8.222	8.701	9.994	7.742	8.189	9.759	7.475	7.456	8.309
OTU 329	7.148	6.959	7.300	9.401	7.199	8.624	9.319	7.909	7.835	8.288
OTU 331	7.526	8.675	7.402	10.452	7.701	9.680	9.845	7.829	8.665	7.890
OTU 334	8.431	9.415	7.766	11.312	8.460	10.721	11.281	9.191	9.385	9.304
OTU 335	9.890	11.119	8.699	12.653	10.399	12.700	12.903	10.362	11.484	10.463
OTU 338	10.822	10.556	8.630	12.478	11.389	13.515	12.733	11.449	12.792	11.196



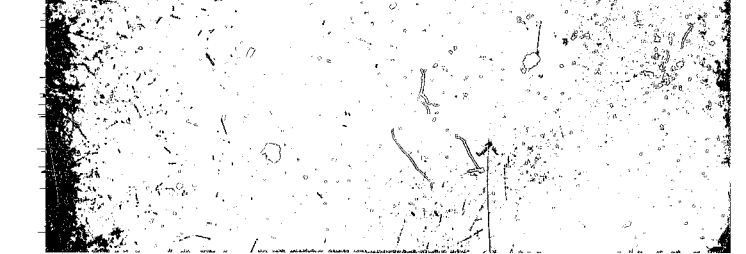


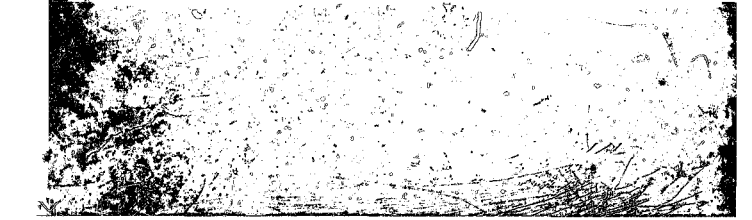
IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 207	0.000									
OTU 208	4.396	0.000								
OTU 211	6.899	6.674	0.000							
OTU 214	7.654	8.030	7.663	0.000						
OTU 215	7.877	7.716	8.435	5.744	0.000					
OTU 217	8.580	7.915	8.743	6.803	5.684	0.000				
OTU 219	10.063	9.377	9.617	6.252	6.918	5.188	0.000			
OTU 222	10.610	11.777	14.398	14.969	15.342	16.105	17.112	0.000		
OTU 223	7.898	9.260	11.982	12.278	12.507	13.222	14.281	5.701	0.000	
OTU 224	7.092	7.259	10.079	9.614	9.717	10.790	11.076	8.842	6.736	0.000
OTU 226	6.673	7.969	9.764	11.966	11.969	12.458	13.330	8.338	7.477	7.047
OTU 228	7.109	7.129	7.467	10.150	10.246	9.844	10.169	12.764	10.951	8.655
OTU 232	5.701	6.110	7.740	9.487	9.343	9.574	10.853	10.933	8.671	7.271
OTU 233	9.025	9.672	11.839	12.535	12.601	13.328	13.651	9.139	7.795	5.995
OTU 237	5.814	6.860	10.130	10.700	11.048	11.657	12.524	8.437	6.414	6.157
OTU 238	7.476	7.653	9.839	10.322	11.025	11.394	12.069	9.434	7.929	6.006
OTU 240	7.621	7.386	8.775	10.956	10.398	11.790	12.805	10.777	9.338	8.184
OTU 242	6.223	6.910	8.358	9.886	10.595	10.507	10.693	10.210	8.448	6.889
OTU 245	6.130	7.499	9.152	10.080	11.203	10.692	11.905	8.092	6.448	5.385
OTU 250	6.614	6.825	9.088	10.496	10.342	10.753	12.202	8.991	7.032	6.967
OTU 253	6.835	6.987	9.309	10.309	10.290	10.872	11.768	9.607	7.454	6.304
OTU 255	8.796	8.226	8.092	10.535	11.284	10.521	10.966	12.796	10.681	9.457
OTU 257	7.057	7.541	8.220	8.409	8.878	8.435	9.040	11.820	9.358	7.992
OTU 258	5.534	6.447	8.209	9.092	10.161	10.044	10.167	10.126	7.683	6.588
OTU 261	7.293	8.060	9.849	9.480	10.308	9.604	9.568	12.603	9.991	8.485
OTU 263	8.845	7.753	8.070	10.643	11.259	10.447	10.169	14.124	11.659	9.845
OTU 265	7.797	8.064	10.269	11.037	10.853	10.930	11.760	8.582	7.065	6.166
OTU 267	7.125	6.090	8.736	9.914	10.602	10.402	11.043	10.187	8.606	6.577
OTU 269	7.331	7.961	10.174	10.809	10.816	11.166	11.838	9.701	8.086	6.681
OTU 271	7.416	7.134	9.639	10.002	9.724	9.523	11.037	11.086	8.844	6.637
OTU 274	6.813	7.066	9.219	8.866	9.053	8.532	9.012	11.211	8.955	6.568
OTU 275	7.583	7.410	9.887	9.929	10.656	10.302	11.221	10.442	8.903	6.854
OTU 278	8.075	8.256	10.790	10.886	11.402	10.981	11.821	9.947	8.124	6.996
OTU 279	7.606	6.902	8.471	9.676	10.301	10.069	10.665	10.172	7.729	5.902
OTU 284	7.554	7.923	11.191	10.612	11.097	11.230	12.230	10.185	8	6.889
OTU 285	7.530	8.776	10.486	10.404	11.182	11.693	12.270	9.982	8.704	6.590
OTU 287	6.683	7.691	8.372	10.925	11.109	10.557	11.136	11.766	10.335	7.838
OTU 290	6.041	6.169	7.731	7.729	8.281	8.070	9.151	10.883	8.564	5.811
OTU 293	7.015	7.003	8.092	8.225	8.923	10.050	9.877	12.363	10.238	7.791
OTU 294	6.402	5.686	7.708	9.420	9.483	9.772	9.966	11.534	9.762	6.984
OTU 299	9.559	9.334	10.239	8.550	7.613	8.217	8.177	16.933	14.052	11.471
OTU 300	9.402	9.753	9.130	7.277	8.459	8.588	7.982	16.313	14.191	11.261
OTU 301	10.549	9.841	9.841	7.467	7.463	8.500	6.586	17.806	15.120	12.757
OTU 303	9.512	9.494	8.341	5.811	6.649	6.777	7.349	15.814	13.211	10.616
OTU 304	10.287	8.851	8.098	6.928	8.881	7.312	8.606	17.449	14.931	13.212
OTU 307	11.278	10.547	10.368	9.869	8.706	7.869	6.693	17.948	15.957	12.206
OTU 309	9.164	8.477	7.880	4.922	7.561	6.530	6.959	16.435	14.066	11.118
OTU 312	8.748	8.684	8.577	6.236	6.762	6.675	6.711	16.167	13.591	11.295
OTU 315	8.605	8.871	7.755	6.099	8.013	7.095	7.849	15.833	13.055	11.125
OTU 317	10.124	9.150	7.476	8.373	8.346	8.880	7.768	16.411	14.177	11.284

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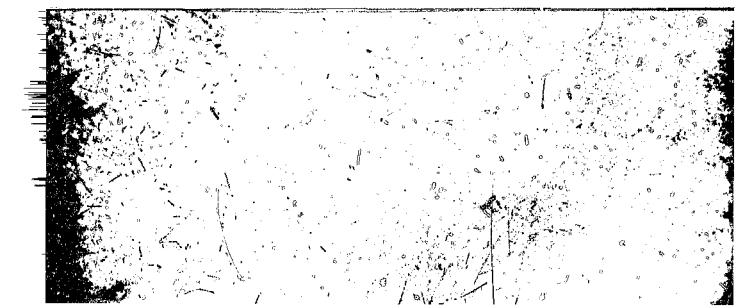


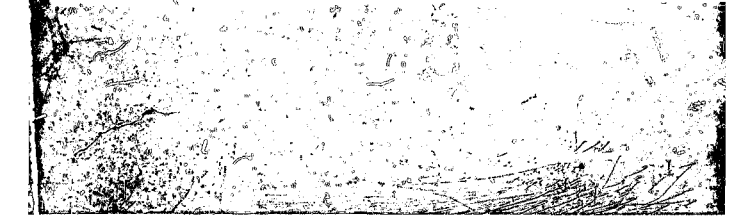


CONTINUATION OF

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	OTU 2[illegible]	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
OTU 323	11.[illegible]28	11.718	10.502	10.166	10.101	9.760	10.315	17.621	15.447	12.824
OTU 325	9.528	8.160	7.907	6.721	6.738	6.183	7.124	16.091	13.840	10.986
OTU 328	8.409	8.661	9.206	7.603	6.623	7.478	8.828	19.553	13.111	10.430
OTU 329	7.823	7.292	7.331	4.784	6.168	6.143	6.610	16.776	11.980	8.960
OTU 331	8.334	8.[illegible]98	8.679	4.697	5.396	4.997	6.289	15.807	13.080	10.513
OTU 334	9.836	[illegible].876	9.271	6.661	6.994	6.431	6.616	16.667	14.038	11.478
OTU 335	11.038	12.764	10.710	7.125	7.780	7.787	7.799	17.693	14.856	12.440
OTU 338	11.235	10.735	11.017	8.610	10.119	9.033	9.392	16.489	13.953	12.083

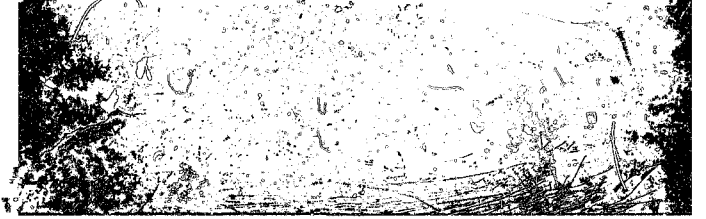




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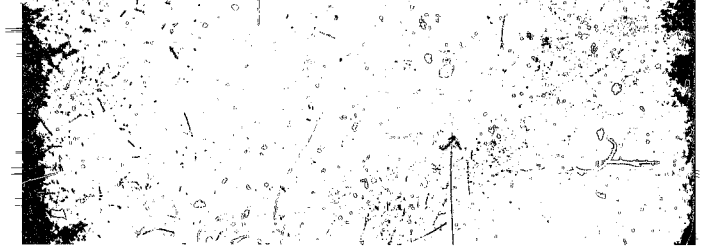
	OTU 226	OTU 228	OTU 232	OTU 233	OTU 237	OTU 238	OTU 240	OTU 242	OTU 245	OTU 250
OTU 226	0.000									
OTU 228	7.989	0.000								
OTU 232	5.788	5.710	0.000							
OTU 233	7.407	9.168	8.214	0.000						
OTU 237	6.417	7.783	6.040	7.416	0.000					
OTU 238	6.933	7.726	6.028	6.862	6.995	0.000				
OTU 240	7.901	7.483	5.058	6.817	7.158	6.944	0.000			
OTU 242	6.429	6.037	6.011	7.753	6.700	4.531	6.812	0.000		
OTU 245	6.461	7.587	6.797	7.236	6.182	7.040	8.487	6.576	0.000	
OTU 250	7.000	7.415	6.676	8.095	6.086	4.966	7.045	6.907	5.971	0.000
OTU 253	7.273	7.127	6.893	8.466	7.177	6.644	7.600	6.750	6.149	3.917
OTU 256	5.152	5.133	7.053	9.087	8.389	8.497	7.943	7.070	7.615	6.466
OTU 257	6.970	7.705	7.198	8.804	8.099	8.134	8.967	7.346	6.644	6.186
OTU 258	6.505	5.457	4.734	7.338	6.451	5.457	6.544	5.631	5.718	4.959
OTU 261	6.356	5.010	6.168	8.549	7.573	7.732	8.378	6.051	6.780	7.445
OTU 262	6.005	4.366	4.360	8.168	6.764	8.385	8.840	6.656	6.483	7.396
OTU 264	5.775	7.380	6.110	6.452	6.933	5.898	7.611	6.131	5.709	5.541
OTU 267	7.013	6.066	4.616	7.075	6.376	4.822	5.805	4.071	6.111	5.943
OTU 269	5.872	6.914	4.852	5.656	6.600	5.445	6.287	4.832	6.570	6.595
OTU 271	6.083	8.104	6.535	7.785	7.711	6.530	8.710	7.062	7.355	6.563
OTU 274	8.402	7.515	6.107	7.861	7.504	6.211	7.996	5.998	7.071	7.438
OTU 276	7.279	7.259	5.626	7.728	7.392	6.134	6.798	6.066	7.409	6.625
OTU 277	7.548	8.005	7.453	6.667	7.032	6.703	9.762	7.618	6.226	5.743
OTU 279	7.890	7.813	6.986	6.992	7.780	5.938	7.797	6.514	6.664	6.818
OTU 284	6.915	9.728	7.816	8.576	8.272	5.760	7.917	6.770	7.961	8.133
OTU 285	7.180	7.867	6.302	6.468	5.142	5.530	7.701	6.165	6.525	6.111
OTU 287	7.111	7.981	7.021	8.613	8.503	7.072	8.694	6.611	7.163	6.993
OTU 290	7.438	9.911	5.282	7.582	6.368	5.277	7.011	6.514	6.831	6.890
OTU 293	9.559	7.372	6.634	8.890	7.365	7.169	6.839	6.919	9.196	8.706
OTU 294	7.059	5.966	5.048	8.004	6.507	6.062	6.670	5.660	7.429	6.732
OTU 299	13.860	11.967	10.858	14.823	13.357	12.150	13.383	12.705	12.880	12.316
OTU 300	12.716	10.051	9.970	13.471	12.106	10.573	11.840	9.824	11.273	11.609
OTU 302	14.066	11.459	11.403	15.319	13.557	12.832	13.775	12.766	12.786	12.033
OTU 303	12.929	11.260	10.578	13.175	12.858	10.954	12.338	10.617	11.065	11.075
OTU 304	11.502	10.233	10.705	14.256	12.456	11.161	12.894	11.529	12.231	11.947
OTU 307	14.875	12.976	11.796	15.256	13.629	12.379	13.131	11.592	13.182	13.552
OTU 309	13.053	10.698	10.349	13.568	12.330	11.429	12.029	10.252	11.160	11.703
OTU 312	12.656	10.078	9.999	13.853	11.703	11.434	11.713	10.096	11.910	12.060
OTU 315	12.634	10.465	10.362	13.530	11.462	11.191	12.099	10.364	10.956	11.036
OTU 317	12.891	9.785	10.369	13.849	12.654	11.572	12.250	10.314	10.814	11.140
OTU 323	14.251	12.672	12.511	15.586	13.992	12.748	13.509	11.337	13.887	13.997
OTU 325	12.897	10.547	10.508	13.973	12.456	10.885	11.682	9.927	11.620	10.631
OTU 326	12.056	10.281	9.122	12.869	11.494	9.635	9.971	9.540	11.877	10.922
OTU 329	11.671	9.183	8.974	12.534	11.145	9.955	10.122	8.899	10.016	10.172
OTU 331	12.850	10.885	10.251	13.570	11.721	11.085	11.894	10.108	11.378	10.963
OTU 334	13.881	11.304	11.181	14.199	12.889	11.167	12.698	10.436	12.146	11.709
OTU 335	15.113	12.517	12.447	15.051	13.618	13.008	14.008	12.880	13.487	12.819
OTU 338	14.705	11.734	13.006	16.343	12.931	12.826	14.404	11.813	12.090	11.369

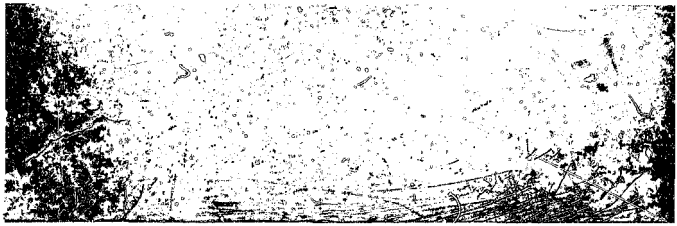


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 253	OTU 255	OTU 257	OTU 259	OTU 261	OTU 263	OTU 265	OTU 267	OTU 269	OTU 271
OTU 253	0.000									
OTU 255	7.107	0.000								
OTU 257	6.113	7.662	0.000							
OTU 259	6.659	6.491	6.778	0.000						
OTU 261	7.148	5.397	6.187	4.479	0.000					
OTU 263	8.000	6.837	8.907	5.662	4.991	0.000				
OTU 265	4.855	7.556	6.970	5.735	6.399	6.592	0.000			
OTU 267	5.778	7.090	6.821	4.618	5.349	6.261	5.233	0.000		
OTU 269	6.314	8.020	7.669	5.331	6.363	7.588	4.382	3.999	0.000	
OTU 271	6.319	6.108	6.050	7.172	7.907	8.620	6.039	6.159	6.243	0.000
OTU 274	6.962	8.494	6.552	5.468	6.114	7.257	5.968	5.068	5.403	5.086
OTU 275	5.548	7.456	6.303	5.069	6.907	8.167	5.525	4.653	5.160	5.502
OTU 277	6.905	8.289	7.007	6.607	6.838	8.724	5.318	6.686	6.396	5.812
OTU 279	7.017	7.985	6.294	5.932	7.265	7.938	6.427	5.739	7.103	5.609
OTU 281	8.012	9.358	8.446	7.607	8.292	9.870	6.784	9.396	6.377	7.353
OTU 285	6.601	7.590	6.795	5.069	6.272	8.653	5.604	5.081	5.510	6.645
OTU 287	7.689	6.513	7.077	6.145	6.681	7.122	6.880	6.129	7.936	7.890
OTU 290	6.798	6.922	6.190	6.750	5.981	8.029	6.215	6.519	6.271	7.901
OTU 293	8.708	9.114	7.934	6.156	6.929	7.100	8.631	6.196	8.351	8.148
OTU 294	7.067	7.090	8.792	5.920	5.932	6.941	6.875	5.077	5.796	6.138
OTU 299	11.737	12.813	10.879	11.156	11.315	11.983	12.378	11.739	12.160	12.500
OTU 300	11.141	11.629	10.139	10.634	10.379	10.564	11.530	10.818	11.255	10.863
OTU 302	11.516	11.750	10.387	11.859	11.061	12.098	12.304	11.340	12.197	10.930
OTU 303	10.838	11.468	8.865	10.603	10.581	11.739	11.149	10.556	11.340	9.656
OTU 304	11.407	10.405	9.681	10.935	10.328	10.531	12.529	11.694	12.979	11.830
OTU 307	12.867	12.991	11.111	11.392	11.434	11.688	13.053	11.502	12.951	12.147
OTU 309	11.135	11.111	9.421	10.295	9.909	10.605	11.924	10.011	11.358	10.679
OTU 312	11.610	12.009	10.154	10.016	10.462	10.585	12.063	10.820	11.473	10.800
OTU 315	10.768	11.168	9.363	9.940	10.033	10.799	11.518	10.861	12.137	10.210
OTU 317	11.068	10.130	8.711	10.477	9.755	10.196	11.104	10.816	12.099	10.371
OTU 323	13.334	14.078	12.208	13.109	12.979	13.278	13.925	12.534	13.692	12.859
OTU 325	10.578	10.638	9.100	10.377	10.622	11.181	11.321	10.711	12.057	10.339
OTU 326	10.727	12.153	9.269	10.050	10.798	11.123	11.546	10.169	10.541	9.494
OTU 329	9.813	9.981	8.403	8.539	9.001	9.453	10.537	9.082	10.462	9.678
OTU 331	10.723	11.567	8.717	10.078	9.504	11.438	11.630	10.701	11.691	9.950
OTU 334	11.594	11.948	9.374	9.809	10.370	11.960	12.253	11.113	12.148	10.586
OTU 335	11.814	12.871	9.799	11.929	11.882	13.044	13.015	12.508	13.415	11.880
OTU 338	11.473	11.268	10.135	11.439	11.586	12.847	12.646	12.587	13.643	11.980

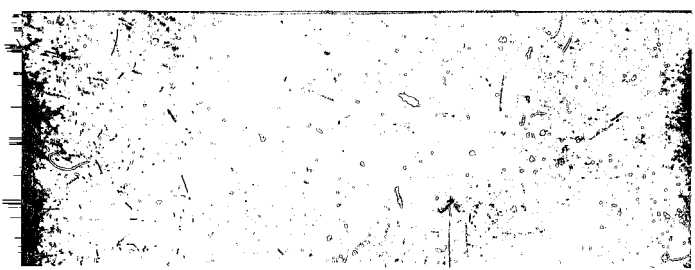


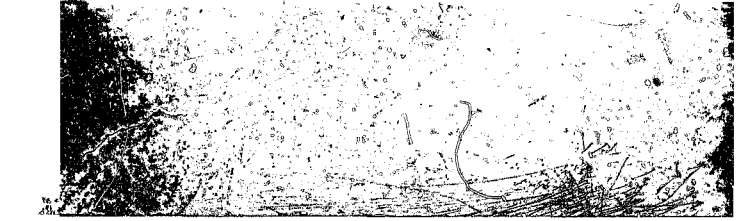


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 274	OTU 275	OTU 277	OTU 279	OTU 284	OTU 285	OTU 287	OTU 290	OTU 293	OTU 294
OTU 274	0.000									
OTU 275	5.322	0.000								
OTU 277	6.521	6.639	0.000							
OTU 279	6.015	6.601	6.897	0.000						
OTU 284	6.565	6.501	7.234	7.062	0.000					
OTU 285	6.816	5.981	5.321	7.148	6.706	0.000				
OTU 287	7.595	7.017	5.877	5.467	8.040	6.082	0.000			
OTU 290	9.775	8.227	6.011	5.004	6.823	5.815	6.301	0.000	0.000	
OTU 293	6.327	7.069	8.791	7.131	7.942	7.386	8.248	5.453	0.000	
OTU 294	5.986	5.944	7.551	5.988	7.687	6.949	6.886	5.686	9.538	0.000
OTU 299	9.146	11.312	11.775	11.275	12.767	12.178	12.521	9.850	10.144	11.446
OTU 300	8.671	10.691	11.788	10.201	11.160	12.453	11.488	8.427	9.782	9.857
OTU 302	10.154	11.635	12.997	12.402	12.909	13.008	12.350	10.645	11.963	11.068
OTU 303	9.031	11.046	11.567	10.184	10.948	11.170	10.835	8.786	9.950	10.445
OTU 304	11.311	11.828	13.368	11.545	13.697	13.323	10.944	10.440	10.941	10.639
OTU 307	9.886	11.842	13.500	11.855	11.693	12.979	12.671	10.081	9.966	11.596
OTU 309	9.051	10.759	12.005	10.465	11.358	11.644	11.110	8.876	8.991	10.029
OTU 312	9.469	10.955	12.515	11.031	12.036	12.013	11.930	9.911	8.879	9.954
OTU 315	9.463	10.964	11.497	10.116	12.076	11.628	10.994	8.511	9.361	10.051
OTU 317	9.917	11.350	11.819	9.272	12.239	12.526	9.116	8.940	10.579	9.453
OTU 323	11.381	12.868	14.000	12.145	13.280	14.400	13.548	11.163	11.607	12.193
OTU 325	9.829	10.850	11.973	9.735	11.926	11.761	9.754	9.213	10.048	10.251
OTU 328	9.005	10.334	12.053	9.932	11.345	11.596	11.461	8.808	8.826	8.863
OTU 330	8.009	9.566	10.610	9.096	10.406	9.914	8.721	7.115	7.906	8.932
OTU 331	8.799	10.415	11.567	10.094	11.897	11.498	11.141	8.689	9.406	10.468
OTU 334	9.514	11.117	12.254	10.789	11.795	11.929	11.789	9.256	9.947	10.685
OTU 335	10.995	11.955	13.167	12.123	13.906	12.678	12.671	11.173	10.983	12.099
OTU 338	12.000	12.243	12.387	11.579	14.031	12.140	11.630	11.046	12.235	12.951

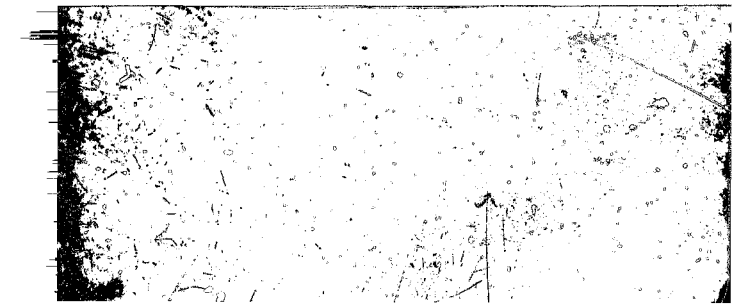


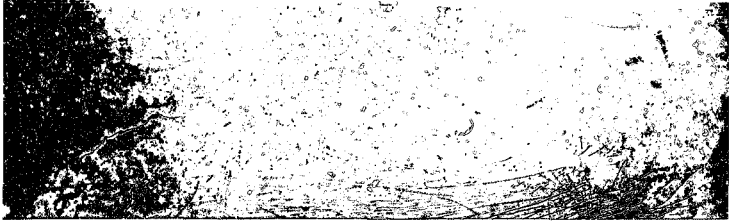


IDENTIFICATION:

COMPUTE EUCLIDEAN DISTANCE

	OTU 299	OTU 300	OTU 302	OTU 303	OTU 304	OTU 307	OTU 309	OTU 312	OTU 315	OTU 317
OTU 299	0.000									
OTU 300	7.806	0.000								
OTU 302	8.505	7.769	0.000							
OTU 303	7.377	7.828	6.372	0.000						
OTU 304	9.455	10.358	8.207	9.467	0.000					
OTU 307	7.620	8.091	7.719	7.338	9.327	0.000				
OTU 309	7.276	7.323	6.318	5.931	8.416	5.522	0.000			
OTU 312	7.798	6.867	7.162	7.152	7.876	6.589	6.184	0.000		
OTU 315	7.032	6.975	7.918	6.108	8.921	6.538	7.032	6.909	0.000	
OTU 317	9.383	8.232	7.971	7.366	6.685	9.598	7.911	8.102	7.994	0.000
OTU 323	11.961	7.873	9.828	10.141	12.916	10.487	9.427	8.610	10.165	10.471
OTU 325	7.965	8.366	6.278	5.923	8.981	7.357	6.506	7.089	7.338	9.564
OTU 326	9.998	7.648	8.409	7.996	10.532	9.230	8.607	6.737	9.058	9.456
OTU 329	7.196	7.226	7.003	6.176	7.938	6.327	5.514	5.629	6.666	7.388
OTU 331	6.035	7.828	6.091	5.625	7.998	6.308	5.335	5.318	6.612	7.776
OTU 334	7.599	6.929	5.927	4.418	9.288	6.006	5.643	5.632	6.511	8.284
OTU 335	7.969	9.950	7.288	5.979	9.149	7.722	7.647	7.683	7.280	9.447
OTU 336	10.202	11.163	9.502	8.581	10.007	10.889	9.332	10.049	7.756	9.718





IDENTIFICATION:

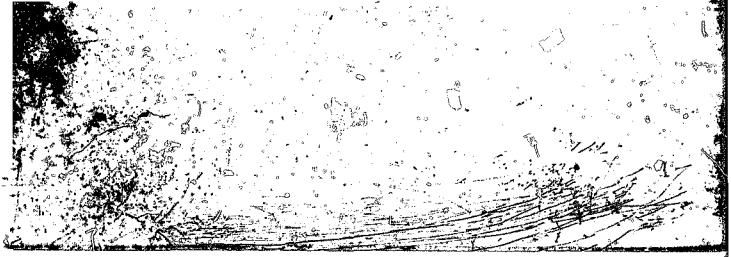
COMPUTE EUCLIDEAN DISTANCE

	OTU 323	OTU 325	OTU 328	OTU 329	OTU 331	OTU 334	OTU 335	OTU 338
OTU 323	0.000							
OTU 325	9.833	0.000						
OTU 328	8.821	5.000	0.000					
OTU 329	9.317	5.738	7.128	0.000				
OTU 331	8.578	4.675	6.787	4.777	0.000			
OTU 334	9.019	5.573	6.482	5.526	4.090	0.000		
OTU 335	11.726	6.167	8.999	7.346	5.796	5.184	0.000	
OTU 338	13.478	7.636	11.616	8.180	8.129	7.923	6.683	0.000



APPENDIX IIIA

Summary of Stepwise Discriminant Analysis
for 150 Female OTUs
Key:
unifl\ora = GROUP 1
discolor = GROUP 2



STEPWISE DISCRIMINANT ANALYSIS

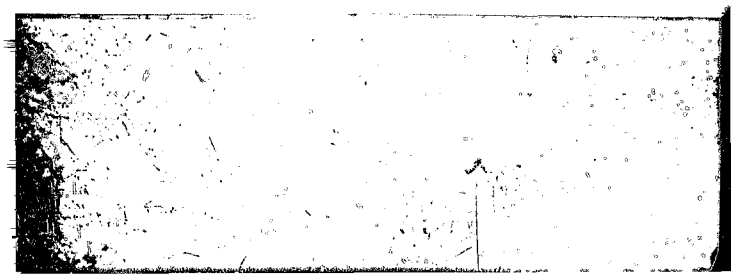
150 OBSERVATIONS 4 VARIABLE(S) IN THE ANALYSIS
2 CLASS LEVELS 4 VARIABLE(S) WILL BE INCLUDED

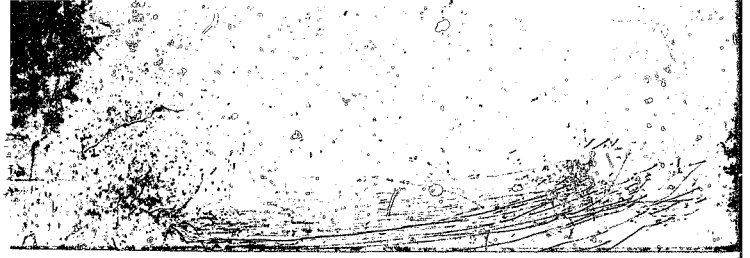
THE METHOD(S) FOR SELECTING VARIABLES WILL BE:
STEPWISE

SIGNIFICANCE LEVEL TO ENTER = 0.1500
SIGNIFICANCE LEVEL TO STAY = 0.1500

CLASS LEVEL INFORMATION

SPECIES	FREQUENCY	PROPORTION
DISCOLOR	104	0.693333
UNIFLORA	46	0.306667

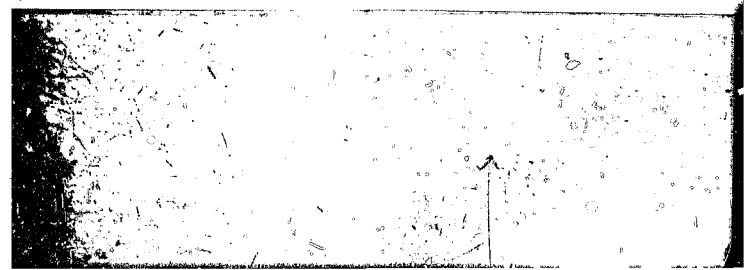


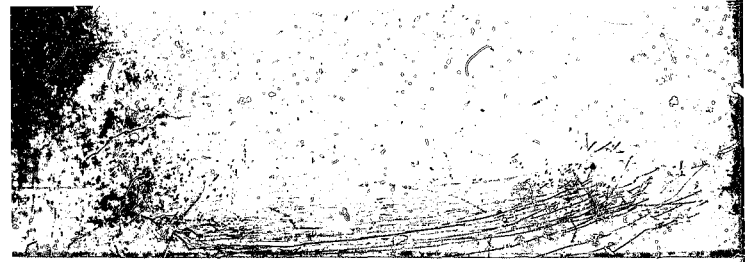


STEPWISE DISCRIMINANT ANALYSIS

CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RACHLEN	-0.05768	0.13040
INTNDLN	0.00173	-0.00434
NDR	0.50182	-1.13456
IBRW	0.27888	-0.63051
OBRW	0.49721	-1.01108
INNW	0.53208	-1.29817
PNKL	0.16612	-0.04080
LBRP	0.38691	-0.87022
IRFL	0.31657	-1.16789
IRTV	0.46864	-1.05953
VANDS	0.00817	-0.01868
VANDB	0.19677	-0.44487
SHINL	-0.22532	0.50982
LNLORL	-0.32996	0.74576
PKLNL	-0.36972	0.82958
MXNDL	-0.02176	0.04990
APXAN	0.43818	-0.98371
APXPS	-0.22528	0.51159
BSAR	0.25254	-0.56644
BSPS	0.13439	-0.33096
SVINS	0.06823	-0.15486
NSECV	-0.39070	0.54820
PINSV	-0.13277	0.30698
PTLLN	0.15177	-0.36316
INTLN	0.02603	-0.05886
NFLOR	0.80695	-1.12353
CORLLN	0.19757	-0.33363
CORLWD	0.06695	-0.15137
CORTWD	0.02636	-0.05963
STMLOL	0.25101	-0.56749
STBLN	0.44033	-0.99552
STBWD	0.14282	-0.32290
ACMKLN	0.19870	-0.44923
ACMXWD	-0.01150	0.02601
NVPAC	0.41467	-0.93855
CRMXWD	0.13410	-0.30317
CRMWND	-0.02935	0.06636
NWNOFHD	-0.50815	1.14887
IBLWR	0.45657	-1.03224
OBLWR	0.29671	-0.67078
INVLWR	0.00518	-0.01171
ORLLWR	0.11777	-0.26627
ACLWR	0.21765	-0.49207
CORLWR	0.51845	-1.17207
STLLBR	0.44749	-1.01173
TTLPLR	-0.52734	1.19206
INFLWR	0.05252	-0.11136
LRNFHR	0.50422	-1.13958

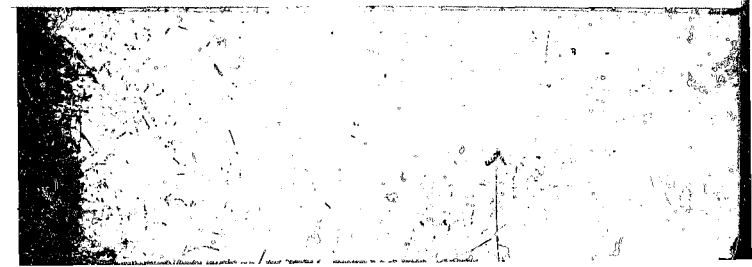


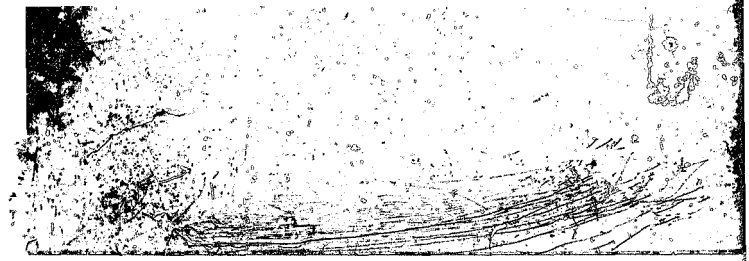


STEPWISE DISCRIMINANT ANALYSIS

STANDARD DEVIATIONS

VARIABLE	TOTAL SAMPLE	WITHIN CLASS
RACHLEN	1.00000	0.99957
INTNOLN	1.00000	1.00138
NBR	1.00000	0.65592
IBRW	1.00000	0.91084
OBRW	1.00000	0.74060
INNW	1.00000	0.55530
PNXL	1.00000	0.78101
LBRP	1.00000	0.81087
IRFL	1.00000	0.62874
INFW	1.00000	0.70956
VANGS	1.00000	1.00336
VAIOB	1.00000	0.95814
SHIBL	1.00000	0.94368
LNWORL	1.00000	0.87031
MXLNL	1.00000	0.83783
MXWDL	1.00000	1.00283
APXAR	1.00000	0.98413
APXPS	1.00000	0.99310
BSAN	1.00000	0.92894
BSPS	1.00000	0.97660
SVINS	1.00000	0.99804
NSECV	1.00000	0.93468
PINSV	1.00000	0.98210
PTLLN	1.00000	0.97672
INTLN	1.00000	1.00260
RFLOR	1.00000	0.66309
CORLLN	1.00000	0.97819
CORLWD	1.00000	0.99854
CORTWD	1.00000	1.00258
STMXLOL	1.00000	0.98865
STBLN	1.00000	0.74998
STBWD	1.00000	0.97960
ACMXLN	1.00000	0.95723
ACMXWD	1.00000	1.00322
AVPAC	1.00000	0.78818
CRMXWD	1.00000	0.98263
CRMNWD	1.00000	1.00239
WMROTWD	1.00000	0.64426
IBLWR	1.00000	0.72739
OBLWR	1.00000	0.93128
INVLWR	1.00000	1.00334
CRLLWR	1.00000	0.98741
ACLWR	1.00000	0.96774
CORLWR	1.00000	0.96348
STLLBR	1.00000	0.74000
TFLPLR	1.00000	0.60789
INFLWR	1.00000	0.99090
LNNFWR	1.00000	0.65189

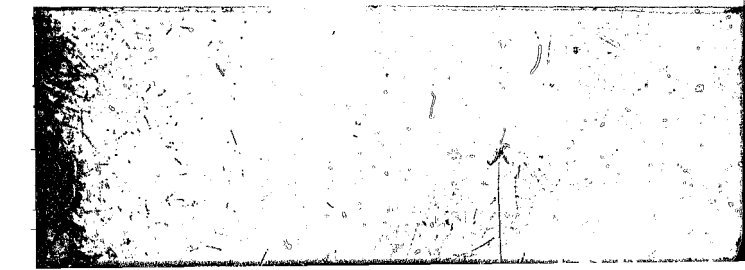


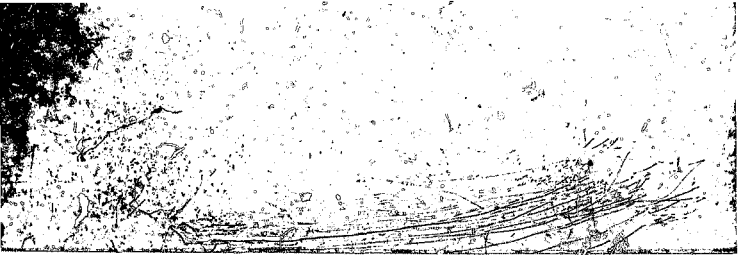


STEPWISE DISCRIMINANT ANALYSIS

WITHIN-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNI^ ORA
RACHLEN	0.05770	0.13086
INTNDLN	-0.08167	-0.09421
NBR	0.76553	-1.73077
IBRV	0.60338	-0.89268
OBRV	0.60384	-1.36581
INNKW	0.99419	-2.24773
PMXL	0.53280	-1.20958
LRRP	0.47120	-1.06511
IRFL	0.68160	-1.63759
INFW	0.66043	-1.59316
VAMXB	0.00815	-0.01842
VAMXD	0.20536	-0.46430
SHINL	-0.25878	0.53950
LNWDRL	-0.37901	0.85689
MXLNL	-0.43532	0.98419
MXWDL	-0.08170	0.04907
APXAN	0.27938	-0.63164
APXPB	-0.23993	0.54264
BSAN	0.08971	-0.40978
BSPS	0.19939	-0.33820
SVINS	0.06836	-0.15456
NSECV	-0.29747	0.98230
PINSV	-0.13824	0.31253
PTLLN	0.19339	-0.29132
INTLN	0.02597	-0.05871
NFLOR	0.74845	-1.69209
CORLLN	0.15086	-0.34107
CORLWD	0.06707	-0.15164
CORTWD	0.02631	-0.05948
STMKLOL	0.27089	-0.61109
STDLN	0.58712	-1.32739
STDWD	0.14376	-0.32925
ACMKLN	0.20758	-0.46930
ACMKWD	-0.01147	0.02592
NVPAC	0.59032	-1.33464
CRMKWD	0.13567	-0.30653
CRMKND	-0.02928	0.06621
RWMDFWD	-0.76876	1.73824
IBLWR	0.68768	-1.61910
OBLWR	0.26498	-0.59899
INVLWR	0.05916	-0.01167
CRLLWR	0.11927	-0.26966
ACLWR	0.82965	-0.51920
CORLWR	0.97333	-2.20096
STLLBR	0.60956	-1.36883
TFLFLR	-0.86750	1.96130
INFLWR	0.06859	-0.15152
LRNFHR	0.77419	-1.75034



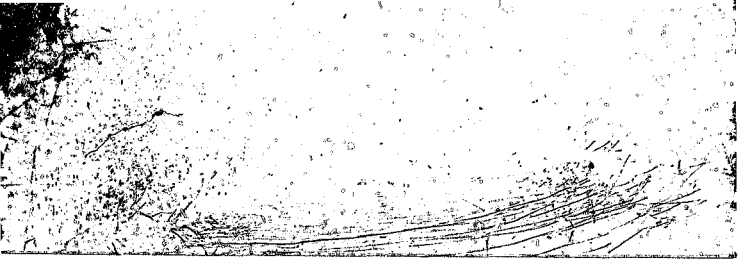


STEPWISE DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RADMLEN	-0.05788	0.13940
INTNDLN	0.09473	-0.19934
NBR	0.50182	-1.13456
IBRV	0.57808	-0.63051
OBRW	0.44721	-1.01108
IRWXW	0.55908	-1.29817
PWXL	0.51612	-0.94080
LBRP	0.38491	-0.87033
IRFL	0.51657	-1.16789
IRFW	0.46864	-1.05953
VANGS	0.00817	-0.01868
VANGB	0.19077	-0.44487
SHINL	-0.38538	0.90948
LNWDRL	-0.32986	0.78576
WXLNL	-0.16472	0.38958
KWLDL	-0.02176	0.04920
APXAN	0.25818	-0.56377
APXPS	-0.28828	0.61159
BSAN	0.25054	-0.56644
BSPS	0.14639	-0.33096
SVINS	0.06823	-0.15426
NSECV	-0.24070	0.54820
PINSV	-0.13577	0.30696
PTLLN	0.15177	-0.34314
INTLN	0.08903	-0.20882
N7LOR	0.42695	-1.13353
CORLLN	0.14797	-0.33363
CORLWD	0.06695	-0.15137
CORTWD	0.02638	-0.05963
STWXLGL	0.29101	-0.25769
STBLN	0.44033	-0.99552
STBWD	0.14882	-0.33599
ACMXLN	0.10870	-0.24523
ACMXWD	-0.01150	0.02601
NVPAC	0.44767	-0.98855
CRWXWD	0.13470	-0.30517
CRMND	-0.02935	0.06636
NWROFHD	-0.50615	1.11887
IBLWR	0.45657	-1.03824
OBLWR	0.39671	-0.85778
IRVLWR	0.50518	-1.01171
ORLLWR	0.11777	-0.26687
ACLWR	0.21769	-0.49207
ORILWR	0.54815	-1.23997
STLLBR	0.49749	-1.01173
TTLPLR	-0.58734	1.19826
INFLWR	0.06252	-0.14136
LRNFWR	0.50422	-1.13998

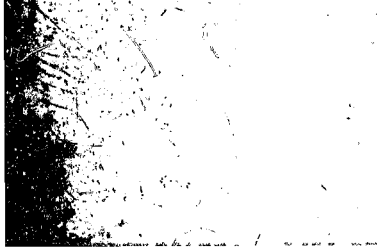


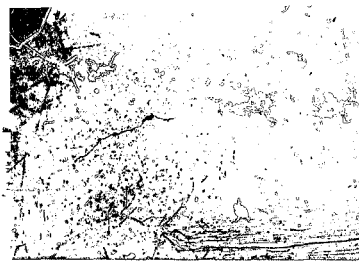


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	RACHLEN	INTNDLN	NBR	IBRW	OBRW	INMXW	PMXL	LBRP	INFL	INFW	VANGS	VANGB
RACHLEN	1.000	0.623	-0.034	0.060	0.016	0.027	0.017	-0.015	0.013	0.053	0.040	-0.048
INTNDLN	0.623	1.000	0.064	0.139	0.059	0.117	-0.008	0.007	0.010	0.010	0.077	-0.095
NBR	-0.034	0.064	1.000	0.343	0.599	0.808	0.602	0.309	0.872	0.737	0.153	0.365
IBRW	0.060	0.139	0.343	1.000	0.692	0.573	0.208	0.231	0.394	0.364	0.039	0.042
OBRW	0.016	0.059	0.599	0.692	1.000	0.771	0.501	0.503	0.707	0.551	0.023	0.102
INMXW	0.027	0.117	0.808	0.573	0.771	1.000	0.584	0.355	0.891	0.829	0.082	0.278
PMXL	0.017	-0.008	0.602	0.208	0.501	0.584	1.000	0.081	0.639	0.663	-0.006	0.177
LBRP	-0.015	0.007	0.309	0.231	0.503	0.355	0.601	1.000	0.591	0.487	0.053	0.143
INFL	0.013	0.010	0.872	0.394	0.707	0.891	0.639	0.591	1.000	0.837	0.052	0.219
INFW	0.053	0.010	0.737	0.364	0.551	0.829	0.603	0.487	0.837	1.000	0.033	0.235
VANGS	0.040	0.077	0.153	0.039	0.023	0.082	-0.006	0.053	0.052	0.033	1.000	0.303
VANGB	-0.048	-0.095	0.365	0.042	0.102	0.278	0.177	0.143	0.219	0.235	0.303	1.000
SHINL	-0.001	-0.009	0.197	0.008	-0.117	-0.168	-0.178	-0.094	-0.166	-0.224	0.005	-0.145
LNWDRL	0.085	-0.178	1.305	-0.186	-0.272	-0.196	-0.260	-0.215	-0.255	-0.381	0.069	-0.316
HXLNL	0.189	0.075	-0.475	-0.171	-0.371	-0.496	-0.450	-0.375	-0.509	-0.509	-0.003	-0.162
HXWDL	0.191	0.254	-0.165	-0.091	-0.101	-0.091	-0.177	-0.139	-0.148	-0.117	0.083	0.150
APXAN	0.004	0.117	0.316	0.203	-0.156	-0.291	0.206	0.154	-0.276	-0.324	0.079	0.181
APXPS	-0.012	-0.027	-0.258	-0.152	-0.267	-0.270	-0.225	-0.153	-0.277	-0.258	0.043	-0.162
GSAN	0.061	0.105	0.335	0.166	0.308	0.423	0.251	0.278	0.411	0.381	0.170	0.374
BSPS	0.050	0.067	0.297	0.132	0.253	0.348	0.209	0.274	0.329	0.308	0.241	0.374
SVINS	0.044	0.047	0.124	-0.019	0.032	-0.092	0.062	0.089	0.078	0.126	0.310	0.217
NSECV	0.027	-0.006	-0.231	-0.187	-0.213	-0.151	-0.069	-0.161	-0.205	-0.208	0.122	0.111
PINSV	0.178	0.291	-0.236	-0.038	-0.197	-0.232	-0.192	-0.212	-0.290	-0.287	0.095	-0.122
PTLLN	0.116	0.093	0.248	0.075	0.211	0.175	0.226	0.086	0.270	0.202	-0.051	-0.094
INTLN	0.197	0.096	-0.034	0.056	-0.033	0.026	-0.049	0.084	-0.024	0.009	-0.057	-0.074
NFLUR	0.010	0.055	0.711	0.383	0.686	0.884	0.568	0.317	0.782	0.710	0.052	0.292
CORLLN	0.050	0.110	0.351	0.065	0.077	0.280	0.191	0.147	0.306	0.309	0.004	0.097
CORLWD	0.194	-0.080	0.162	0.196	0.160	0.181	185	0.052	0.175	0.203	-0.069	0.037
CORTWD	0.082	-0.017	0.051	0.057	0.079	0.068	.044	-0.152	0.133	0.087	0.178	-0.058
STBNLGL	0.056	0.212	0.637	0.236	0.378	0.397	0.237	0.206	0.422	0.343	0.129	0.049
STBLN	-0.014	-0.054	0.450	0.300	0.570	0.692	0.583	0.478	0.786	0.662	0.048	0.315
STBWD	0.152	0.151	0.336	0.228	0.201	0.293	0.176	0.139	0.297	0.330	-0.004	-0.002
ACHKLN	0.106	0.085	0.433	0.116	0.339	0.488	0.392	0.324	0.482	0.404	0.001	0.154
ACHKWD	-0.010	-0.159	0.095	0.203	0.180	0.152	0.077	-0.010	0.228	0.195	-0.058	0.105
KVTAC	0.188	0.036	0.551	0.365	0.553	0.589	0.520	0.491	0.596	0.562	0.005	0.130
CRNKWD	0.109	0.239	0.224	0.433	0.322	0.356	0.115	-0.001	0.283	0.329	0.080	-0.044
CRNHWD	0.052	0.062	0.074	0.092	0.111	0.090	0.077	-0.102	0.140	0.109	-0.004	-0.059
NWHOFHO	0.433	0.134	-0.643	-0.449	-0.655	-0.772	-0.517	-0.445	-0.703	-0.596	-0.021	-0.274
IBLWR	-0.078	-0.012	0.730	-0.112	0.530	0.647	0.558	0.549	0.794	0.616	0.006	0.309
OBLWR	-0.082	-0.061	0.380	-0.159	-0.034	0.255	0.351	0.343	0.393	0.339	0.053	0.192
INVLWR	-0.115	-0.138	0.236	-0.393	-0.172	-0.203	0.159	0.153	0.168	-0.066	0.001	0.168
CRLLWR	0.130	0.166	0.286	-0.040	-0.013	0.214	0.081	0.126	0.298	0.202	0.028	0.081
ACLWR	0.116	-0.018	0.416	0.011	0.270	0.443	0.387	0.345	0.615	0.597	0.026	0.048
CORLWR	-0.055	0.002	0.808	0.282	0.680	0.797	0.600	0.639	0.891	0.707	0.009	0.112
STLLBR	-0.051	0.106	0.619	0.261	0.648	0.692	0.534	0.548	0.768	0.681	-0.000	0.221
TFLPLR	0.174	-0.078	-0.670	-0.370	-0.565	-0.673	-0.453	-0.496	-0.630	-0.516	-0.003	-0.203
INFLWR	-0.083	0.031	0.176	0.036	0.174	0.047	0.009	0.152	0.200	-0.345	0.042	0.094
LNWPHO	-0.132	0.064	0.703	0.442	0.682	0.822	0.651	0.486	0.784	0.609	0.069	0.285





STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXFS	BSAN	BSPS	SVINS	NSEOV	PINSV	PTLLN
RADMLEN	-0.003	-0.085	0.129	0.191	0.004	0.012	0.061	0.050	0.044	0.027	0.178	-0.116
INTNDLN	-0.089	-0.178	0.075	0.254	0.117	-0.037	0.105	0.067	0.097	-0.006	0.241	0.053
XDR	-0.127	-0.206	0.075	0.165	0.316	-0.298	0.335	0.297	0.126	-0.231	-0.238	0.248
LBRH	0.006	-0.186	-0.171	0.011	0.203	-0.152	0.166	0.132	-0.012	-0.187	-0.032	0.277
DRSW	-0.117	-0.272	-0.171	-0.101	0.196	-0.267	0.301	0.265	0.032	-0.313	-0.197	0.211
LBMXW	-0.183	-0.291	-0.096	-0.091	0.291	-0.278	0.321	0.268	0.092	-0.357	-0.157	1.175
PMXL	-0.178	-0.240	-0.492	-0.177	0.206	-0.225	0.251	0.249	0.062	-0.264	-0.192	0.226
LBRP	-0.094	-0.215	-0.274	-0.159	0.154	-0.193	0.278	0.276	0.089	-0.161	-0.212	0.086
INFL	-0.166	-0.359	-0.509	-0.198	0.278	-0.277	0.411	0.324	0.076	-0.305	-0.290	0.270
LNTH	-0.229	-0.381	-0.369	-0.177	0.324	-0.298	0.381	0.308	0.106	-0.282	-0.287	0.282
VAMGS	0.008	-0.089	-0.003	0.055	0.079	0.043	0.170	0.201	0.310	0.122	0.095	-0.057
VAMGD	-0.145	-0.316	-0.468	0.152	0.181	-0.092	-0.376	-0.374	0.217	0.111	-0.182	-0.094
SHINL	1.000	0.783	0.348	-0.460	-0.356	0.060	-0.322	0.166	-0.243	0.146	0.802	0.001
LNWDRL	0.783	1.000	0.494	-0.498	-0.456	0.098	-0.611	-0.159	-0.269	0.261	0.925	0.019
MXLNL	0.348	0.494	1.000	0.483	-0.615	0.294	-0.212	-0.085	-0.175	0.477	0.274	0.169
MXWDL	-0.460	-0.498	0.483	1.000	0.112	0.161	0.823	0.113	0.069	0.198	0.228	0.159
APXAN	-0.356	-0.456	-0.615	0.112	1.000	-0.498	0.227	0.011	0.183	-0.165	0.893	-0.020
APXFS	0.060	0.098	0.294	0.161	-0.498	1.000	-0.076	-0.086	0.019	0.139	0.033	0.000
BSAN	-0.322	-0.611	-0.212	0.823	0.227	-0.076	1.000	0.573	0.234	-0.033	-0.061	-0.020
BSPS	0.166	-0.159	-0.085	0.113	0.011	0.066	0.573	1.000	0.067	0.087	-0.008	-0.079
SVINS	-0.243	-0.269	-0.175	0.069	0.183	0.019	0.234	0.067	1.000	0.211	-0.132	0.127
NSEOV	0.146	0.261	0.477	0.198	-0.165	0.139	-0.033	0.087	0.211	1.000	-0.080	0.096
PINSV	0.802	0.925	0.274	0.228	0.893	0.033	-0.061	-0.008	-0.132	-0.080	1.000	-0.028
PTLLN	0.001	0.019	0.169	0.159	-0.020	0.000	-0.020	-0.079	-0.127	0.096	-0.028	1.000
LNTLN	-0.092	-0.042	0.194	0.288	0.010	0.082	0.076	0.037	1.017	0.057	0.062	-0.018
NFLOR	-0.172	-0.332	-0.432	-0.097	0.182	-0.206	0.415	0.380	0.081	-0.313	-0.233	0.128
CORLLN	-0.222	-0.242	-0.150	0.099	0.203	0.087	0.289	0.199	0.136	-0.024	-0.027	0.168
CORLWD	-0.106	-0.152	-0.131	0.028	0.184	-0.088	0.170	0.140	-0.061	-0.020	-0.054	-0.018
CORTWD	-0.054	-0.087	-0.093	0.067	0.053	-0.068	0.105	0.110	-0.120	0.064	0.003	0.140
STMXLGL	-0.167	-0.226	-0.174	0.047	0.146	-0.076	0.102	-0.057	0.100	-0.083	-0.093	0.087
STGLL	-0.205	-0.339	-0.437	-0.113	0.211	-0.255	0.312	0.177	0.187	-0.274	-0.190	0.219
STBND	-0.027	-0.152	-0.199	-0.010	0.239	-0.108	0.134	0.159	-0.046	-0.202	0.062	0.110
ACRKLN	0.001	0.110	-0.289	-0.166	0.065	-0.044	0.234	0.262	-0.060	-0.152	0.052	0.179
ACRKWD	0.173	0.080	-0.012	-0.082	0.014	-0.150	0.073	0.081	-0.070	0.068	-0.144	0.181
NVPAC	-0.251	-0.343	-0.439	-0.065	0.329	-0.169	0.209	0.039	0.043	-0.203	-0.184	0.171
CRKWGD	-0.061	-0.214	-0.133	0.087	0.262	-0.108	0.205	0.075	0.053	-0.103	0.084	0.033
CRKWND	0.014	0.019	-0.115	0.115	0.032	0.006	0.052	0.116	0.030	-0.068	0.024	0.124
MARGFWD	0.214	0.334	0.117	0.156	-0.285	0.248	-0.307	-0.226	-0.039	0.368	0.198	-0.084
LBLWD	-0.211	-0.309	-0.498	-0.136	0.281	-0.231	0.377	0.261	0.092	-0.228	-0.225	0.203
CRLWR	-0.171	-0.169	-0.235	-0.063	0.094	-0.029	0.186	0.182	0.013	-0.152	-0.178	0.093
INVLWR	-0.016	0.031	-0.092	-0.048	0.023	-0.009	0.006	-0.060	0.027	0.207	-0.114	0.248
CRLLWR	-0.166	-0.151	-0.079	0.077	0.115	-0.019	0.181	0.041	0.186	0.048	-0.019	0.183
ACLWR	-0.093	-0.151	-0.311	-0.152	0.063	-0.031	0.203	0.291	0.015	-0.211	-0.284	0.111
CRRLWR	-0.239	-0.270	-0.514	-0.133	0.296	-0.258	0.366	0.266	0.083	-0.291	-0.335	0.599
STLLBR	-0.145	-0.316	-0.486	-0.155	0.293	-0.286	0.386	0.325	0.013	-0.340	-0.253	0.245
TFLPR	0.235	0.358	0.383	0.008	-0.309	0.310	-0.310	-0.178	-0.076	0.282	0.186	-0.237
INFLWR	0.109	0.084	0.058	-0.033	-0.090	-0.020	-0.012	-0.049	-0.073	0.003	0.046	0.105
LNRFWR	-0.254	-0.398	-0.497	-0.075	0.305	-0.249	0.398	0.281	0.078	-0.332	-0.173	0.116

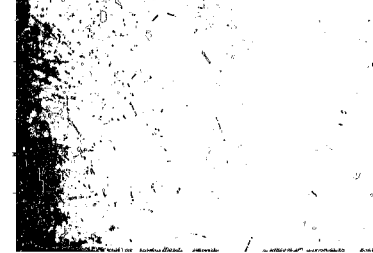


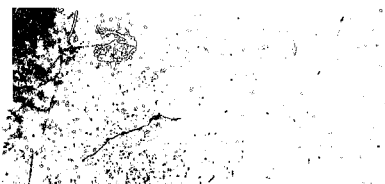


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMKLN	ACMKWD	%PAC	CRMKWD
RACNLEN	0.157	0.010	0.050	-0.144	0.026	0.056	-0.014	0.151	0.104	-0.010	-0.128	0.109
INTNDLN	0.096	0.055	0.110	-0.080	-0.017	0.212	-0.094	0.153	-0.086	-0.159	0.036	0.239
NBR	-0.036	0.711	0.351	0.142	0.051	0.937	0.650	0.336	0.033	0.095	0.251	0.284
LBRW	0.056	0.383	0.065	0.196	0.087	0.234	0.300	0.228	0.114	0.205	0.155	0.133
GBRW	-0.033	0.686	0.077	0.160	0.079	0.818	0.570	0.201	0.339	0.160	0.253	0.222
INMKW	0.022	0.584	0.092	0.141	0.068	0.787	0.592	0.276	0.688	0.152	0.289	0.255
MKNL	-0.049	0.568	0.191	0.185	0.044	0.237	0.251	0.176	0.392	0.077	0.529	0.115
LBRT	0.084	0.517	0.147	0.092	-0.152	0.806	0.478	0.119	0.332	-0.010	0.491	-0.001
INFL	-0.029	0.782	0.266	0.173	0.133	0.902	0.780	0.257	0.682	0.226	0.596	0.283
INFW	0.009	0.770	0.309	0.209	0.087	0.793	0.662	0.330	0.643	0.195	0.502	0.329
YANGS	-0.027	0.028	0.004	0.064	-0.172	0.129	0.048	-0.006	0.001	0.051	0.005	0.080
YANGD	-0.074	0.252	0.097	0.037	-0.098	0.099	0.315	-0.002	0.118	0.106	0.138	-0.094
SHINK	-0.093	-0.173	0.281	0.106	-0.056	0.163	-0.205	-0.027	0.179	0.173	-0.251	-0.061
LWWDRL	-0.042	-0.332	-0.242	-0.152	-0.087	-0.286	-0.339	-0.152	-0.110	0.080	-0.343	-0.214
MXLBL	0.134	-0.242	-0.150	-0.131	-0.001	-0.176	-0.437	-0.159	-0.099	-0.012	-0.133	-0.160
MXWDL	0.280	-0.097	0.099	0.088	0.087	0.047	-0.113	-0.010	-0.166	-0.082	-0.065	0.087
APXAN	0.010	0.182	0.203	0.196	0.053	0.196	0.311	0.229	0.065	0.014	0.169	0.248
APXPS	0.082	-0.208	-0.067	-0.088	-0.081	-0.076	-0.255	-0.108	-0.106	-0.150	-0.369	-0.108
BSAN	0.076	0.415	0.287	0.170	0.109	0.102	0.312	0.134	0.234	0.073	0.209	0.205
BSPS	0.037	0.380	0.129	0.140	0.110	-0.057	0.177	0.159	0.262	0.081	0.039	0.075
BVINS	0.017	0.081	0.136	-0.061	-0.120	0.100	0.107	-0.004	-0.019	-0.070	0.041	0.053
RSEOV	0.057	-0.313	0.024	-0.020	-0.064	-0.083	-0.274	-0.202	-0.152	0.068	-0.303	-0.103
PINSV	0.082	-0.023	-0.027	0.054	0.003	0.034	-0.120	0.002	-0.137	-0.164	-0.144	0.086
FTLLN	-0.018	0.128	0.168	-0.018	0.140	0.087	0.219	0.110	0.172	0.121	0.171	0.033
INTLN	1.000	-0.011	0.072	-0.109	-0.068	-0.081	0.023	-0.021	0.084	-0.121	-0.021	0.065
NFLOR	-0.011	1.000	0.164	0.066	0.035	0.915	0.545	0.199	0.493	0.062	0.479	0.191
CORLLN	0.072	0.164	1.000	0.359	0.357	0.342	0.286	0.206	0.255	0.175	0.198	0.261
CORLWD	-0.109	0.066	0.359	1.000	0.500	0.106	0.057	0.262	0.131	0.323	0.257	0.431
CORTWD	-0.069	0.038	0.357	0.500	1.000	0.090	0.187	0.342	0.159	0.336	0.094	0.306
STMXLOL	-0.061	0.915	0.342	0.106	0.090	1.000	0.388	0.212	0.147	0.091	0.332	0.216
STBLN	0.023	0.545	0.286	0.057	0.187	0.388	1.000	0.230	0.336	0.208	0.248	0.268
STBWD	-0.021	0.199	0.206	0.262	0.342	0.212	0.230	1.000	0.180	0.166	0.272	0.516
ACMKLN	0.084	0.493	0.255	0.131	0.159	0.147	0.336	0.180	1.000	0.427	0.233	0.179
ACMKWD	-0.121	0.062	0.175	0.323	0.336	0.091	0.208	0.166	0.427	1.000	0.103	0.326
%PAC	-0.001	0.477	0.198	0.257	0.094	0.332	0.248	0.272	0.233	0.103	1.000	0.317
CRMKWD	0.065	0.191	0.261	0.431	0.306	0.216	0.268	0.516	0.179	0.326	0.317	1.000
CRMNWD	0.149	-0.105	0.123	0.353	0.226	0.114	-0.075	0.232	-0.173	0.163	0.080	0.431
NMNGFHD	0.090	-0.679	0.147	0.177	-0.039	-0.690	-0.535	-0.166	-0.282	-0.019	-0.579	-0.225
LBLMR	-0.059	0.642	0.345	0.065	0.028	0.301	0.622	0.156	0.466	0.011	0.671	0.033
OBLMR	0.022	0.329	0.212	0.000	0.019	0.192	0.353	0.031	0.252	-0.137	0.269	-0.084
INVLNR	-0.050	-0.190	0.271	-0.021	-0.012	0.130	0.119	-0.092	0.105	-0.028	0.075	-0.229
CRLLNR	0.138	0.142	0.821	-0.229	0.078	0.206	0.284	0.057	0.173	-0.019	0.053	0.016
ACLWR	0.050	0.140	0.176	0.626	-0.008	0.102	0.171	0.134	0.068	-0.065	0.204	0.021
CORLWR	0.009	0.761	0.307	0.033	0.060	0.382	0.735	0.153	0.468	0.029	0.573	0.000
STLLBR	0.025	0.705	0.186	0.142	0.125	0.154	0.607	0.289	0.505	0.104	0.595	0.116
TFLPLR	0.033	-0.594	-0.845	-0.072	0.057	-0.351	-0.994	-0.135	-0.009	0.146	-0.594	-0.137
INFLBL	0.010	0.434	0.092	-0.079	0.028	0.161	0.196	-0.096	0.017	-0.002	0.068	-0.123
LRMFHR	-0.032	0.767	0.294	0.186	0.101	0.341	0.610	0.258	0.353	0.081	0.624	0.331

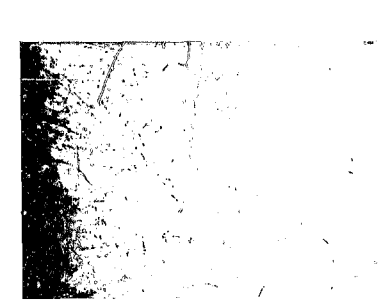




STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	CRMNMD	NWNOFND	FBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RAGNLEN	-0.052	0.933	-0.078	-0.082	-0.115	0.130	0.116	-0.055	-0.051	0.174	-0.085	-0.128
INTNDLN	0.065	0.134	-0.012	-0.061	-0.138	0.166	-0.012	0.002	-0.106	-0.078	0.031	0.064
NBR	-0.078	-0.043	0.730	0.380	0.236	0.286	0.534	0.800	0.619	-0.270	0.176	0.703
IBRW	0.092	-0.049	-0.112	-0.159	+0.393	-0.040	0.311	0.282	0.261	-0.370	0.036	0.942
OBRW	-0.090	-0.655	0.530	-0.034	-0.172	-0.013	0.270	0.680	0.648	-0.452	0.165	0.682
INKNW	-0.020	-0.772	0.697	0.255	-0.203	0.218	0.043	0.797	0.692	-0.573	0.047	0.820
ANKL	-0.077	-0.917	0.552	0.351	0.125	0.081	0.387	0.600	0.534	-0.452	0.009	0.651
LBRP	-0.102	-0.615	0.549	0.343	0.153	0.124	0.365	0.639	0.542	-0.496	0.152	0.686
INFL	-0.140	-0.783	0.794	0.393	0.142	0.298	0.613	0.891	0.768	-0.630	0.200	0.784
INFW	-0.069	-0.596	0.616	0.339	-0.066	0.202	0.397	0.707	0.651	-0.516	0.345	0.649
VANDS	0.106	0.021	0.006	0.053	0.001	0.028	0.086	0.009	-0.058	0.003	0.042	0.065
VANGB	-0.039	-0.874	0.509	0.190	0.168	0.081	0.098	0.312	0.283	-0.283	0.094	0.285
SWINL	0.034	0.819	-0.011	-0.171	-0.016	-0.126	+0.083	-0.239	-0.145	0.235	0.109	0.294
LNNORL	-0.019	0.334	-0.308	-0.169	-0.031	-0.157	-0.151	-0.370	-0.316	0.258	0.084	-0.398
RKLNL	0.181	0.937	-0.458	-0.235	-0.028	-0.079	-0.131	-0.518	-0.486	0.383	0.058	-0.497
RKNDL	0.115	0.138	-0.063	-0.043	-0.040	0.077	-0.152	-0.133	-0.155	0.028	0.033	-0.075
APKAN	0.038	-0.283	0.284	0.004	0.023	0.119	0.053	0.296	0.293	-0.300	-0.090	0.305
APKFR	0.006	0.048	-0.231	-0.029	-0.009	-0.019	-0.031	-0.298	-0.286	0.310	-0.030	-0.249
BBAR	0.052	-0.307	0.379	0.186	0.046	0.181	0.203	0.356	0.386	-0.310	-0.012	0.398
BSPN	0.116	0.228	0.261	0.182	-0.060	0.041	0.241	0.266	0.325	-0.172	-0.049	0.281
SVINS	-0.049	-0.039	0.092	0.013	0.027	0.186	0.015	0.083	0.013	-0.074	-0.073	0.078
NSTCV	0.068	0.360	-0.226	-0.122	0.207	0.042	-0.211	-0.291	0.308	0.228	-0.003	-0.332
PINSV	0.167	0.198	-0.225	-0.178	-0.114	-0.015	-0.284	-0.235	-0.253	0.126	0.066	-0.173
PILAN	-0.128	-0.081	0.481	0.093	0.282	0.183	0.111	0.259	0.295	-0.237	0.105	0.114
INTLN	0.149	0.090	-0.059	0.022	-0.030	0.138	0.090	0.009	0.021	0.033	-0.010	-0.022
NFLNR	-0.106	-0.579	0.681	0.229	0.190	0.192	0.540	0.761	0.709	-0.594	-0.036	0.706
CORLLN	0.123	+0.747	0.345	0.212	0.271	0.821	0.176	0.307	0.186	-0.268	0.094	0.296
CORLWD	0.153	-0.737	0.065	0.000	-0.081	-0.329	+0.005	0.033	0.192	-0.078	-0.079	0.186
CORTWD	0.226	0.	0.628	0.019	-0.012	0.070	-0.008	0.090	0.125	0.057	0.022	0.101
STRKLOL	0.114	0.	0.301	0.152	0.130	0.280	0.102	0.382	0.154	-0.181	0.163	0.341
STBLR	0.	0.	0.622	0.353	0.119	0.268	0.471	0.735	0.687	-0.494	0.141	0.610
STBMD	0.	0.	0.152	0.031	-0.092	0.097	0.134	0.153	0.209	-0.135	0.066	0.254
ACMKLN	0.	0.	0.466	0.252	0.106	0.173	0.868	0.468	0.505	-0.088	-0.016	0.393
ACMKWD	0.163	-0.915	0.011	-0.137	-0.028	-0.019	-0.065	0.029	0.104	0.146	-0.002	0.081
MVPAC	0.090	-0.575	0.471	0.249	0.075	0.053	0.206	0.573	0.405	-0.295	0.063	0.580
CRMDWD	0.631	-0.225	0.033	-0.084	-0.229	0.016	0.031	0.005	0.116	-0.137	-0.103	0.331
CRMNMD	1.000	0.101	-0.192	-0.067	0.231	-0.052	0.090	-0.042	0.021	-0.067	0.053	0.100
NWNOFND	0.101	1.000	-0.580	0.206	0.109	-0.053	-0.297	-0.707	-0.609	0.714	-0.165	-0.878
FBLWR	-0.192	-0.580	1.000	0.519	0.397	0.320	0.496	0.837	0.698	-0.634	0.244	0.632
OBLWR	-0.067	-0.206	0.519	1.000	0.398	0.218	0.338	0.551	0.370	-0.292	0.082	0.238
INVLWR	0.231	0.109	0.397	0.398	1.000	0.300	0.128	0.236	0.100	-0.127	0.393	-0.060
CRLLWR	-0.087	-0.053	0.320	0.218	0.300	1.000	0.168	0.301	0.110	-0.231	0.186	0.191
ACLWR	-0.090	-0.297	0.496	0.338	0.128	0.168	1.000	0.487	0.197	-0.074	-0.027	0.358
CORLWR	-0.042	-0.707	0.837	0.451	0.236	0.304	0.487	1.000	0.776	-0.740	0.061	0.735
STLLBR	0.213	-0.609	0.698	0.370	0.100	0.110	0.197	0.776	1.000	-0.512	0.107	0.639
TFLPLR	0.067	0.714	-0.634	-0.292	-0.127	-0.231	-0.074	-0.740	-0.512	1.000	-0.179	-0.650
INFLWR	-0.098	-0.165	0.244	0.082	0.393	0.186	-0.027	0.061	0.107	-0.179	1.000	0.176
LRNFHR	-0.100	-0.878	0.632	0.238	-0.060	0.191	0.358	0.735	0.639	-0.650	0.176	1.000

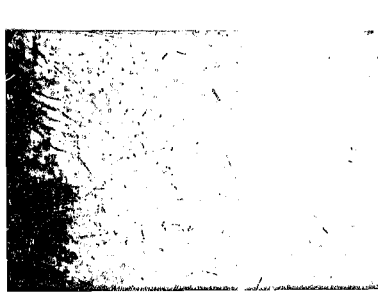


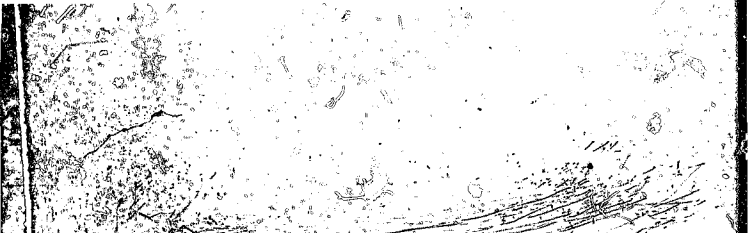


STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	RACMLEN	INTNDLN	NBR	IBRW	OBRW	INNRW	PNKL	LBRP	INFL	INTW	VANGS	VANGB
RACMLEN	1.000	0.632	0.049	0.107	0.101	0.180	0.093	0.043	0.129	0.163	0.081	-0.023
INTNDLN	0.632	1.000	0.025	0.128	0.022	0.116	-0.081	-0.036	-0.052	-0.099	0.076	-0.077
NBR	0.049	0.025	1.000	0.041	0.183	0.091	0.249	0.131	0.689	0.437	0.220	0.225
IBRW	0.107	0.128	0.041	1.000	0.311	0.444	-0.089	-0.018	0.116	0.104	0.037	-0.096
OBRW	0.101	0.022	0.183	0.311	1.000	0.511	0.240	0.185	0.291	0.142	-0.038	-0.096
INNRW	0.180	0.116	0.091	0.444	0.511	1.000	0.141	0.158	0.096	0.614	0.139	0.058
PNKL	0.093	-0.081	0.249	-0.089	0.240	0.141	1.000	0.376	0.307	0.089	-0.021	-0.013
LBRP	0.043	-0.036	0.131	-0.018	0.185	0.158	0.376	1.000	0.271	0.133	0.059	-0.057
INFL	0.129	-0.052	0.689	0.116	0.291	0.096	0.307	0.271	1.000	0.647	0.067	0.147
INTW	0.163	-0.099	0.437	0.104	0.142	0.614	0.089	0.133	0.647	1.000	0.034	0.038
VANGS	0.081	0.076	0.220	0.037	-0.038	0.139	-0.021	-0.059	0.067	0.034	1.000	0.315
VANGB	-0.023	-0.077	0.225	-0.096	-0.096	0.058	-0.013	-0.057	0.147	0.038	0.315	1.000
SHINL	-0.035	-0.072	0.218	0.175	0.162	0.193	0.098	0.135	0.168	0.025	0.018	-0.049
LNGREL	-0.148	-0.170	0.127	0.030	0.100	0.092	0.078	0.105	0.060	0.047	-0.096	-0.004
WXLNL	0.097	0.131	-0.108	0.080	0.000	-0.003	-0.161	-0.082	-0.153	-0.203	0.005	0.002
RWWDL	0.189	0.256	-0.215	0.029	-0.106	-0.119	-0.202	-0.148	-0.195	0.133	0.085	0.167
APXAN	0.042	0.100	0.036	0.046	-0.157	-0.066	-0.054	-0.097	-0.045	0.075	0.081	0.074
APXPS	-0.019	-0.017	0.000	-0.009	-0.053	0.013	-0.019	-0.059	-0.019	-0.026	0.050	-0.046
BSAN	0.102	0.088	0.081	0.009	0.077	0.214	0.019	0.078	0.200	0.174	0.179	0.296
BSPS	0.071	0.054	0.204	0.048	0.158	0.303	0.166	0.184	0.209	0.220	0.245	0.331
SVINS	0.054	0.040	0.072	-0.069	-0.051	0.012	-0.001	-0.038	-0.009	0.016	0.310	0.197
NSECV	-0.005	0.018	0.073	-0.040	-0.095	-0.013	-0.050	-0.046	-0.037	-0.039	0.136	0.296
PINNV	0.169	0.060	0.126	-0.061	-0.081	-0.114	-0.004	-0.117	-0.213	-0.205	0.100	-0.066
PTLIN	0.100	0.090	0.117	-0.024	0.079	-0.030	0.109	-0.060	0.149	-0.038	-0.053	-0.176
INTLN	0.161	0.093	0.097	0.091	0.119	0.079	-0.095	0.075	0.087	-0.027	0.188	-0.090
NFLOR	0.114	0.012	0.332	0.113	0.368	0.706	0.189	0.151	0.477	0.513	0.020	0.046
CORLLN	0.071	0.096	-0.066	-0.031	-0.106	0.176	0.066	-0.002	-0.345	0.220	0.001	0.033
CORLMD	-0.136	-0.087	0.101	0.171	0.125	0.102	0.157	-0.008	0.155	0.189	-0.066	0.007
CORTWD	0.030	-0.000	0.032	0.078	0.070	0.064	0.024	-0.015	0.163	0.083	-0.172	-0.074
STNKLGL	0.097	0.203	0.249	0.089	-0.035	0.140	-0.002	-0.019	0.219	0.116	0.134	-0.015
STBLN	0.059	-0.129	0.301	0.031	0.288	0.334	0.179	0.151	0.563	0.363	0.054	0.166
STBWD	0.176	0.141	0.272	0.195	0.077	0.210	0.094	-0.008	0.211	0.257	-0.009	-0.070
ADMLN	0.136	-0.113	0.330	0.016	0.051	0.191	0.276	-0.003	0.750	0.639	-0.062	0.005
ACMXWD	-0.012	-0.158	0.166	0.234	0.260	0.301	0.113	-0.000	0.385	0.293	-0.058	0.116
WYPAC	0.099	0.008	0.095	0.185	0.188	0.083	0.191	0.171	0.164	0.135	-0.005	-0.084
CRNKWD	0.130	0.231	0.110	0.391	0.119	0.350	-0.015	-0.148	0.204	0.268	0.080	-0.112
CRNKHD	0.056	0.068	0.085	0.128	0.082	0.030	-0.063	-0.093	0.168	0.056	0.107	-0.048
MNHOFHD	0.573	0.288	-0.189	-0.217	-0.291	-0.376	-0.072	0.091	-0.261	-0.118	-0.018	-0.076
IBLWR	-0.004	-0.076	0.040	-0.611	0.122	0.182	0.212	0.252	0.505	0.252	-0.003	0.152
OBLWR	-0.054	-0.091	0.161	-0.374	-0.417	-0.106	0.163	0.168	0.178	0.116	0.052	0.092
INVLWR	-0.113	-0.159	0.353	-0.437	-0.240	-0.376	0.192	0.182	0.248	0.101	0.091	0.174
ORLLWR	0.148	0.158	0.236	-0.128	-0.183	0.121	-0.060	0.026	0.250	0.170	0.027	-0.030
ACLWR	0.153	-0.035	0.268	-0.108	0.070	0.325	0.266	0.227	0.607	0.548	0.082	-0.059
CORLWR	0.031	-0.090	0.191	-0.130	0.293	0.346	0.184	0.147	0.791	0.317	-0.002	0.124
STLLBR	0.011	-0.202	0.225	-0.033	0.342	0.318	0.192	0.250	0.523	0.334	-0.079	0.036
TFLPLN	0.174	0.040	-0.171	-0.065	-0.063	-0.083	0.098	-0.068	-0.027	0.100	0.011	-0.091
INFLWR	-0.077	0.025	0.161	-0.009	0.150	-0.057	-0.064	0.119	0.203	-0.504	0.041	0.069
LNNFWR	-0.101	0.025	0.259	0.206	0.353	0.524	0.342	0.083	0.470	0.242	0.085	0.07





STEPWISE DISCRIMINANT ANALYSIS

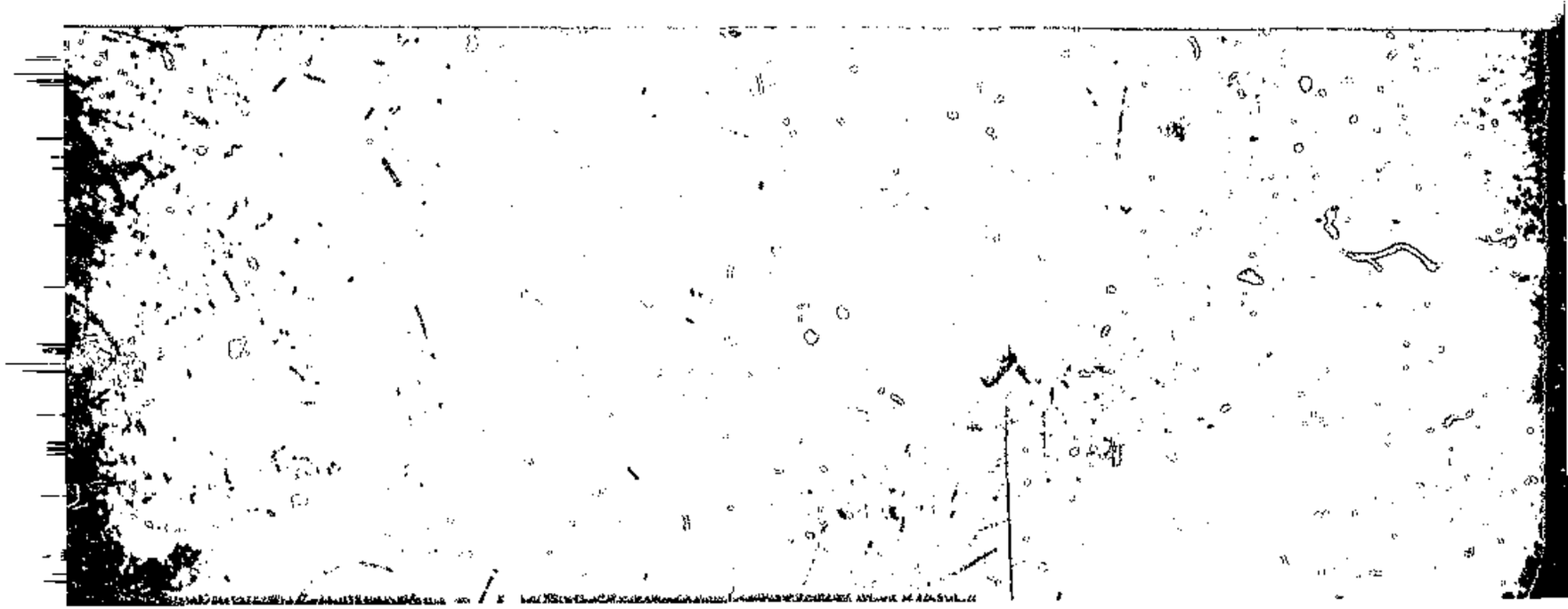
POOLED WITHIN CLASS CORRELATIONS

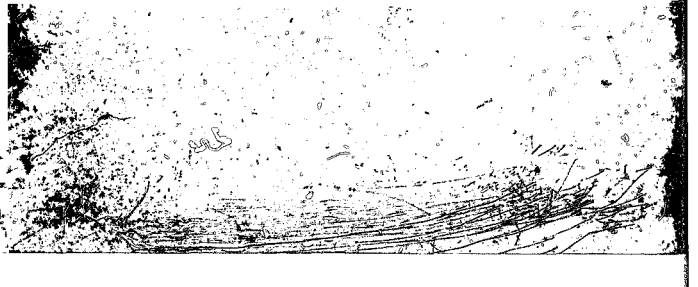
	SIINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACI LEN	-0.035	-0.148	0.097	0.189	0.042	-0.019	0.102	0.071	0.059	-0.005	0.164	0.140
INTWLN	-0.072	-0.170	0.131	0.256	0.106	-0.017	0.068	0.054	0.040	0.018	0.260	0.040
NBR	0.212	0.127	-0.108	-0.215	0.036	0.070	0.061	0.084	0.078	0.075	-0.126	0.117
IBRW	0.175	0.030	0.080	0.088	0.096	-0.090	0.009	0.004	-0.069	-0.090	0.067	-0.024
GBRW	0.162	0.100	0.000	-0.106	-0.157	-0.053	0.077	0.148	-0.091	-0.099	-0.081	0.079
INROW	0.193	0.042	-0.063	-0.114	-0.066	0.214	0.214	0.203	0.072	-0.093	-0.113	-0.030
MXIL	0.048	0.078	-0.161	-0.202	-0.059	-0.015	0.019	0.196	-0.003	-0.050	-0.089	0.109
LBRP	0.139	0.105	-0.082	-0.148	-0.127	0.059	0.078	0.184	-0.036	0.066	-0.117	-0.060
INFL	0.168	0.080	-0.153	-0.195	-0.045	-0.019	0.200	0.249	-0.004	-0.037	-0.213	0.189
INIV	0.025	-0.047	-0.203	-0.133	0.075	0.026	0.179	0.209	0.076	-0.039	-0.209	0.059
VANGS	0.012	-0.096	0.005	0.083	0.081	0.050	0.179	0.245	0.310	-0.156	-0.200	-0.059
VANGB	-0.049	-0.259	0.002	0.151	0.024	-0.046	0.256	0.331	0.197	0.206	-0.066	-0.174
SNINL	1.000	0.753	0.005	-0.501	-0.460	0.200	-0.923	-0.862	-0.223	0.026	0.072	0.055
LNWDRL	0.753	1.000	0.304	-0.593	-0.366	-0.089	-0.526	-0.059	-0.230	0.099	-0.079	0.157
MXLNL	0.005	0.304	1.000	0.557	-0.261	0.135	-0.065	0.116	-0.143	0.357	0.197	0.868
MXWDL	-0.501	-0.593	0.557	1.000	0.135	0.181	0.471	0.123	0.073	0.200	0.223	0.171
APXAN	-0.460	-0.366	-0.261	0.135	1.000	-0.376	0.093	-0.084	0.156	-0.027	0.138	-0.121
APXPS	-0.200	-0.089	0.135	0.181	-0.376	1.000	0.063	-0.011	0.056	0.018	-0.040	0.079
SAN	-0.862	-0.526	-0.065	0.471	0.093	0.063	1.000	0.542	0.211	0.119	0.018	-0.118
SPS	0.262	-0.059	0.116	0.123	-0.084	-0.011	0.542	1.000	0.045	0.184	-0.024	-0.136
SVINS	-0.223	-0.230	-0.143	0.073	0.156	0.056	0.211	0.045	1.000	0.268	-0.117	-0.156
NSECV	0.026	0.099	0.357	0.200	-0.027	0.018	0.119	0.184	0.268	1.000	-0.170	0.198
PINSV	-0.072	-0.079	0.197	0.223	0.138	-0.040	0.018	-0.024	-0.117	-0.170	1.000	0.020
PTLLN	0.055	0.157	0.868	0.171	-0.121	0.079	-0.118	-0.136	-0.156	0.198	0.020	1.000
INTLN	-0.065	-0.006	0.259	0.281	-0.006	0.102	0.064	0.029	0.012	0.076	0.092	-0.006
NFLOR	0.134	0.072	-0.035	-0.109	-0.180	0.076	0.815	0.332	0.096	-0.066	-0.123	-0.068
CORLLN	0.160	0.154	0.033	0.109	0.129	0.009	0.225	0.084	0.117	0.116	0.019	0.124
CORLWD	-0.077	-0.118	-0.091	0.032	0.114	-0.057	0.144	0.182	-0.073	0.018	0.034	-0.042
CORTWS	0.043	-0.073	0.095	0.088	0.001	0.021	0.097	0.156	-0.124	-0.053	0.012	0.134
STRKLGL	-0.045	-0.047	0.045	0.069	-0.001	0.062	-0.068	-0.156	0.067	0.063	0.002	0.000
STBLN	0.089	-0.012	-0.115	-0.122	0.075	-0.060	0.068	0.041	0.052	-0.048	-0.079	0.092
STBWD	0.150	-0.053	-0.090	-0.003	0.172	-0.038	0.058	0.117	-0.066	-0.136	0.111	0.069
ACMKLN	0.115	0.048	-0.155	-0.164	-0.059	-0.006	0.136	0.211	-0.052	-0.068	-0.899	0.119
ACMWD	0.178	0.082	-0.095	-0.063	0.082	-0.155	0.086	0.087	-0.054	0.066	-0.151	0.129
NVPAC	-0.035	-0.018	-0.117	-0.058	0.101	-0.202	-0.061	-0.149	-0.035	-0.088	-0.010	0.025
CRWAND	0.008	-0.133	-0.026	0.055	0.181	-0.083	0.141	0.018	-0.033	-0.032	0.151	-0.014
CRWWD	0.021	-0.047	0.116	0.115	0.053	-0.010	0.074	0.129	-0.045	0.056	0.162	-0.121
NWNDHD	-0.078	-0.085	0.177	0.207	0.022	-0.043	-0.028	-0.094	0.062	0.137	0.065	0.147
IBLWR	0.035	0.055	-0.131	-0.125	-0.066	0.006	0.176	0.154	0.030	0.036	-0.118	0.121
GBLWR	-0.091	0.020	-0.039	-0.055	-0.165	0.113	0.052	0.111	-0.088	0.016	-0.112	0.008
INRLWR	-0.014	0.040	-0.021	-0.046	0.021	-0.007	0.003	-0.063	0.027	0.026	-0.119	0.247
CRLLWR	-0.111	-0.080	0.083	0.085	0.051	0.045	0.125	0.002	0.171	0.116	0.022	0.149
ACLWR	0.033	0.015	-0.165	-0.149	-0.078	0.091	0.090	0.183	-0.020	-0.105	-0.234	0.039
CORLWR	0.080	0.086	-0.126	-0.189	-0.050	-0.029	0.153	0.043	0.063	0.018	-0.119	0.127
STLWR	0.122	0.031	-0.187	-0.180	0.044	-0.080	0.191	0.244	-0.078	-0.138	-0.159	0.126
TFLPR	-0.063	-0.072	-0.108	0.003	0.017	0.067	-0.017	0.007	0.014	-0.118	-0.063	-0.093
INFLWR	0.151	0.152	0.132	-0.030	-0.138	0.013	-0.052	-0.072	-0.083	0.040	0.060	0.087
LNRFHR	0.008	-0.034	0.142	-0.077	0.015	0.017	0.184	0.179	-0.000	-0.093	-0.026	-0.092

STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	INTLN	%FLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMXLN	ACMXWD	NVPAC	CRMXWD
RACMLEN	0.161	0.114	0.071	-0.136	0.030	0.097	0.059	0.176	0.136	-0.012	-0.094	0.130
INTNDLN	0.093	0.012	0.698	-0.087	-0.020	0.203	-0.129	0.141	-0.110	-0.158	-0.008	0.231
NBR	-0.097	0.332	0.286	0.101	0.032	0.249	0.301	0.272	0.330	0.166	0.095	0.110
IBRW	0.044	0.113	-0.033	0.171	0.078	0.089	0.031	0.155	-0.014	0.234	0.125	0.391
OBRW	-0.080	0.368	-0.102	0.125	0.070	-0.059	0.220	0.077	0.195	0.260	0.188	0.119
INMXW	-0.019	0.708	0.176	0.103	0.064	0.140	0.334	0.210	0.451	0.301	0.083	0.350
PMXL	-0.095	0.189	0.068	0.157	0.024	-0.002	0.179	0.054	0.274	0.113	0.191	-0.015
LBRP	0.075	0.151	0.022	-0.008	-0.215	-0.019	0.151	-0.008	0.203	-0.000	0.171	-0.148
INFL	-0.087	0.477	0.348	0.155	0.163	0.219	0.565	0.211	0.750	0.385	0.164	0.204
INFW	-0.027	0.513	0.220	0.189	0.083	0.116	0.363	0.257	0.639	0.293	0.135	0.268
VANGR	-0.028	0.020	0.001	-0.066	-0.172	0.134	0.054	-0.009	-0.002	-0.058	-0.005	0.080
VANGB	-0.090	0.046	0.033	0.007	-0.074	-0.015	0.166	-0.070	0.025	0.116	-0.084	-0.112
SHINE	-0.065	0.134	-0.160	-0.077	-0.043	-0.045	0.029	0.050	0.115	0.178	-0.035	0.008
LNWDRL	-0.026	0.072	-0.156	-0.118	-0.077	-0.047	-0.013	-0.053	0.048	0.082	-0.018	0.133
MXLNL	0.259	-0.035	-0.033	-0.091	0.025	0.045	-0.115	-0.050	-0.155	-0.025	-0.117	-0.026
MXWDL	0.281	-0.109	0.109	0.032	0.068	0.064	-0.122	-0.003	-0.164	-0.083	-0.058	0.095
APXAN	-0.006	-0.180	0.129	0.114	0.041	-0.001	0.075	0.172	-0.059	0.023	0.101	0.181
APXPS	0.102	0.076	0.009	-0.057	-0.071	0.062	-0.040	-0.038	-0.006	-0.165	-0.202	-0.043
BSAN	0.064	0.215	0.225	0.144	0.097	-0.048	0.068	0.058	0.136	0.085	-0.067	0.141
BSPS	0.029	0.332	0.084	0.122	0.104	-0.156	0.041	0.117	0.211	0.087	-0.149	0.032
SVINS	0.013	0.006	0.117	-0.073	-0.124	0.067	0.052	-0.068	-0.052	-0.068	-0.035	0.033
NSECV	0.076	-0.066	0.116	0.018	-0.053	0.063	-0.048	-0.136	-0.048	0.066	-0.068	-0.032
PINSV	0.092	-0.123	0.019	-0.034	0.012	0.082	-0.074	0.111	-0.295	-0.151	-0.010	0.131
PTLLN	0.028	-0.068	0.123	-0.042	0.134	0.000	0.092	0.064	0.119	0.129	0.025	-0.014
NTLP	1.000	-0.062	0.065	-0.113	-0.070	-0.082	-0.004	-0.030	0.012	-0.120	-0.036	0.058
N[illegible]	0.062	1.000	-0.004	-0.015	0.012	-0.112	0.094	0.058	0.292	0.017	-0.046	-0.017
CORLN	0.065	-0.004	1.000	0.347	0.358	0.285	0.190	0.166	0.202	0.183	0.069	0.226
CORL	-0.113	-0.015	0.347	1.000	0.499	0.074	-0.013	0.247	0.106	0.327	0.256	0.421
CORTW[illegible]	-0.070	0.012	0.358	0.499	1.000	0.081	0.215	0.342	0.154	0.339	0.090	0.305
STMXLOL	-0.082	-0.112	0.285	0.074	0.081	1.000	0.197	0.144	0.038	0.106	0.115	0.264
STBLN	-0.004	0.094	0.190	-0.013	0.215	0.197	1.000	0.119	0.472	0.293	0.189	0.174
STBWD	-0.030	0.058	0.166	0.247	0.342	0.144	0.119	1.000	0.124	0.153	0.176	0.494
ACMXLN	0.012	0.292	0.202	0.106	0.154	0.038	0.472	0.124	1.000	0.453	0.047	0.127
ACMXWD	-0.120	0.017	0.183	0.327	0.339	0.106	0.293	0.153	0.453	1.000	0.154	0.334
NVPAC	-0.036	-0.046	0.069	0.256	0.090	0.115	0.189	0.176	0.047	0.154	1.000	0.250
CRMXWD	0.058	-0.017	0.226	0.421	0.305	0.264	0.174	0.494	0.127	0.334	0.250	1.000
CRMNWD	0.151	-0.110	0.136	0.359	0.228	0.142	-0.061	0.247	-0.168	0.163	0.098	0.449
WWNOFWD	0.186	-0.245	0.038	-0.156	-0.013	0.001	-0.096	-0.001	-0.086	-0.045	-0.134	-0.111
IBLWR	-0.119	0.262	0.271	-0.006	0.000	0.060	0.303	0.011	0.375	0.032	0.023	-0.149
OBLWR	0.008	0.082	0.142	-0.040	0.004	0.013	0.153	-0.054	0.158	-0.141	0.002	-0.175
INVLWR	-0.050	-0.296	0.270	-0.021	-0.013	0.138	0.153	-0.096	0.108	-0.027	0.094	-0.235
CRLLWR	0.133	0.013	0.814	-0.252	0.063	0.249	0.199	0.020	0.127	-0.016	-0.089	-0.021
ACLWR	0.081	0.310	0.112	-0.063	-0.023	-0.026	0.358	0.069	0.854	-0.063	-0.021	-0.038
CORLWR	-0.042	0.378	0.224	-0.091	0.013	0.133	0.441	-0.046	0.411	0.077	0.051	-0.304
STLLBR	-0.007	0.408	0.050	0.101	0.133	-0.600	0.288	0.116	0.430	0.156	0.082	-0.028
TFLPLR	0.106	0.006	-0.120	0.013	0.147	-0.142	0.075	0.062	0.399	0.217	-0.141	0.041
INFLWR	-0.014	-0.162	0.076	-0.090	0.018	0.138	0.105	-0.120	-0.047	-0.001	0.000	-0.146
LRNFHR	-0.096	0.310	0.198	0.169	0.109	0.088	0.216	0.149	0.267	0.146	0.242	0.278

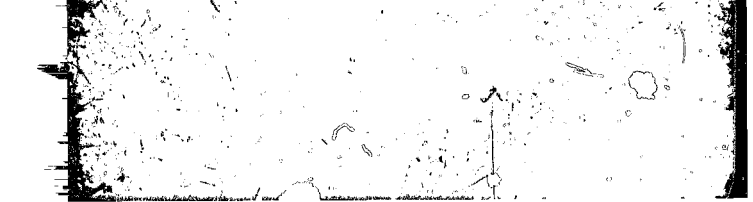


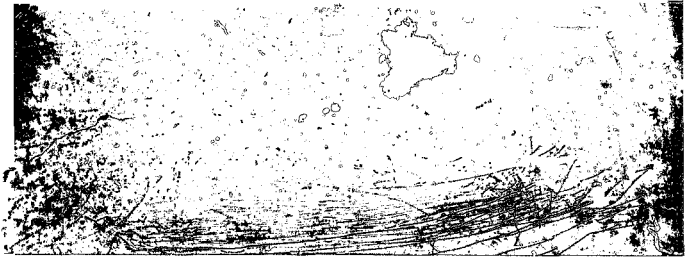


STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

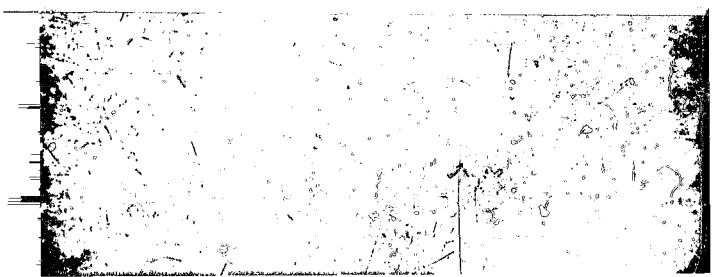
	CRMWND	NWNDFND	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFNR
RACNLEN	-0.056	0.373	-0.024	-0.096	-0.115	0.168	0.153	0.031	0.011	0.176	-0.077	-0.101
INTNDLN	0.068	0.284	-0.076	-0.091	-0.190	0.158	-0.035	-0.090	-0.202	-0.096	0.025	0.025
WBR	-0.068	-0.112	0.440	0.161	0.353	0.236	0.068	0.096	0.225	0.171	0.161	0.099
IBRM	0.182	-0.217	-0.611	-0.374	-0.837	-0.128	-0.148	-0.130	-0.035	-0.068	-0.094	0.206
OBRM	-0.082	-0.091	0.122	-0.471	-0.249	-0.141	0.070	0.093	0.342	-0.063	0.159	0.353
INMRW	0.030	-0.379	0.182	-0.106	-0.378	0.121	0.325	0.346	0.318	-0.030	-0.057	0.324
PRKL	-0.063	-0.072	0.212	0.133	0.193	-0.040	0.296	0.180	0.192	0.094	-0.059	0.182
LBRP	-0.093	0.001	0.252	0.168	0.182	0.026	0.227	0.347	0.230	-0.068	0.119	0.083
INFL	-0.168	-0.001	0.563	0.178	0.248	0.259	0.607	0.701	0.528	-0.027	0.201	0.170
IRFW	-0.054	-0.118	0.292	0.116	-0.101	0.110	0.546	0.307	0.334	0.108	-0.584	0.282
VANGS	0.107	-0.018	-0.003	0.052	0.001	0.027	0.083	-0.002	0.079	0.011	0.041	0.085
VANGB	-0.048	-0.076	0.152	0.092	0.176	0.030	0.055	0.126	0.036	-0.081	0.069	0.096
SHINGL	0.081	-0.078	0.035	-0.051	-0.014	-0.111	0.033	0.080	0.122	-0.063	0.151	0.088
LNWDRL	-0.047	-0.089	0.055	0.020	0.040	-0.080	0.015	0.086	0.031	-0.072	0.152	-0.034
MXLNL	0.116	0.177	-0.131	-0.039	-0.021	0.023	0.165	-0.126	-0.187	-0.108	0.038	0.145
MXWDL	0.114	0.207	-0.156	-0.095	-0.096	0.085	-0.149	-0.189	-0.180	0.003	-0.030	-0.077
APKAN	0.053	0.022	-0.066	-0.165	0.021	0.051	-0.076	-0.090	0.004	0.017	-0.138	0.015
APKPS	-0.010	-0.023	0.096	0.113	-0.007	0.065	0.091	-0.029	-0.080	0.067	0.013	0.017
BSAN	0.076	-0.028	0.176	0.092	0.003	0.125	0.090	0.103	0.191	0.017	-0.052	0.184
BSPS	0.129	-0.094	0.154	0.111	-0.063	0.062	0.183	0.193	0.244	0.007	-0.072	0.179
SVIRS	-0.045	0.062	0.031	-0.086	0.027	0.177	-0.089	-0.003	-0.078	0.016	-0.083	-0.000
NSECV	0.056	0.117	0.056	0.016	0.226	0.116	-0.105	0.018	-0.156	-0.119	0.040	-0.093
PINSV	0.162	0.065	-0.118	-0.112	-0.115	0.092	-0.034	-0.119	-0.159	-0.063	0.057	-0.026
PTLLN	-0.121	0.117	0.121	0.008	0.267	0.149	0.039	0.127	0.126	-0.062	0.087	-0.092
INTLN	0.151	0.186	-0.139	0.009	-0.050	0.133	0.081	-0.042	-0.007	0.106	-0.014	-0.096
NFLOR	-0.110	-0.095	0.269	0.082	-0.296	0.012	0.310	0.378	0.308	0.066	-0.162	0.310
CORLLN	0.130	0.038	0.271	0.142	0.276	0.814	0.112	0.224	0.050	-0.120	0.076	0.198
CORLWD	0.359	-0.156	-0.006	0.040	-0.081	0.252	-0.063	-0.091	0.101	0.013	-0.090	0.169
CORTWD	0.228	-0.013	0.000	0.004	-0.013	0.063	-0.021	0.013	0.133	0.147	0.018	0.109
STMKLGL	0.162	0.001	0.060	0.013	0.138	0.249	0.086	0.142	-0.600	-0.142	0.136	0.088
STBLN	-0.061	-0.096	0.303	0.153	0.153	0.199	0.358	0.441	0.268	0.075	0.105	0.216
STBWD	0.267	0.001	0.011	-0.054	-0.096	0.020	0.069	-0.096	0.116	0.062	-0.120	0.169
ACMKLN	-0.168	-0.086	0.275	0.158	0.108	0.127	0.854	0.411	0.430	0.399	-0.067	0.267
ACMWND	0.163	0.095	0.032	0.141	0.027	0.233	-0.063	0.077	0.156	0.217	-0.001	0.166
RVPAC	0.094	-0.138	0.023	0.002	0.096	-0.089	-0.021	0.051	0.082	-0.161	0.000	0.248
CRWANG	0.449	0.111	-0.149	-0.175	-0.253	-0.021	-0.038	-0.304	-0.108	0.091	-0.196	0.278
CRMWND	1.000	0.105	-0.224	-0.055	-0.230	-0.081	-0.282	-0.366	-0.251	0.052	-0.091	-0.103
NWNDFND	0.105	1.000	-0.118	0.011	0.179	0.151	0.079	-0.203	-0.193	0.267	-0.115	-0.708
IBLWR	-0.224	-0.118	1.000	0.390	0.580	0.277	0.396	-0.057	0.456	0.201	0.288	0.230
OBLWR	-0.055	0.134	0.390	1.000	0.426	0.166	0.287	0.275	0.173	0.007	0.091	-0.075
INVLWR	-0.230	0.179	0.580	0.426	1.000	0.303	0.133	0.109	0.428	-0.199	0.389	-0.070
CRLLWR	-0.081	0.131	0.277	0.166	0.303	1.000	0.139	0.284	-0.014	-0.150	0.132	0.088
ACLWR	-0.282	-0.079	0.396	0.287	0.133	0.139	1.000	0.407	0.395	0.328	-0.061	0.226
CORLWR	-0.366	-0.203	0.057	0.275	0.109	0.284	0.407	1.000	0.526	-0.239	0.327	0.275
STLLBR	-0.251	-0.193	0.456	0.173	0.428	-0.014	0.395	0.526	1.000	0.056	0.059	0.063
TFLPLR	0.052	-0.267	-0.201	0.007	-0.199	-0.150	0.328	-0.239	0.056	1.000	-0.173	-0.114
INFLWR	-0.091	-0.114	0.288	0.091	0.389	0.132	-0.061	0.327	-0.059	-0.173	1.000	0.161
LRNFNR	-0.103	-0.708	0.230	-0.075	-0.070	0.088	0.226	0.275	0.263	-0.114	0.161	1.000





STEPWISE SELECTION: SUMMARY

STEP	VARIABLE ENTERED	REMOVED	NUMBER IN	PARTIAL R**2	F STATISTIC	PROB > F	WILKS' LAMBDA	PROB < LAMBDA	AVERAGE SQUARED CANONICAL CORRELATION	PROB > ASCC
1	HMXW		1	0.6937	335.201	0.0001	0.30629063	0.0001	0.69370937	0.0001
2	TFLPLR		2	0.1304	72.524	0.0001	0.20519136	0.0001	0.79480864	0.0001
3	SHTNL		3	0.1009	16.380	0.0001	0.18461154	0.0001	0.81538846	0.0001
4	PMXL		4	0.0952	15.264	0.0001	0.16684751	0.0001	0.83315249	0.0001
5	CORLWR		5	0.0576	8.761	0.0036	0.15717880	0.0001	0.84282120	0.0001
6	CORLLN		6	.0370	5.466	0.0205	0.15146594	0.0001	0.84853406	0.0001
7	APXAN		7	0...30	4.707	0.0318	0.14661211	0.0001	0.85338789	0.0001
8	CRMNWD		8	0.0257	3.715	0.0560	0.14285115	0.0001	0.85714885	0.0001
9	NVPAC		9	0.0185	2.648	0.1061	0.14020341	0.0001	0.85979659	0.0001
10	INFL		10	0.0215	3.053	0.0828	0.13718823	0.0001	0.86281177	0.0001
11	GBLNH		11	0.0227	3.211	0.0753	0.13406896	0.0001	0.86593104	0.0001
12		CRMNWD	10	0.0133	1.889	0.1789	0.13584213	0.0001	0.86415787	0.0001
13	LNWDRL		11	0.0157	2.197	0.1406	0.13371343	0.0001	0.86628657	0.0001
14		SHTNL	10	0.0030	0.426	0.5181	0.13412823	0.0001	0.86587977	0.0001
15	FTLLN		11	0.0166	2.33,	0.1291	0.13189228	0.0001	0.86810772	0.0001
16	RWRDFHD		12	0.0164	2.279	0.1334	0.12973409	0.0001	0.87026591	0.0001
17	CRMNWD		13	0.0153	2.114	0.1483	0.12774872	0.0001	0.87225128	0.0001



APPENDIX IIIB

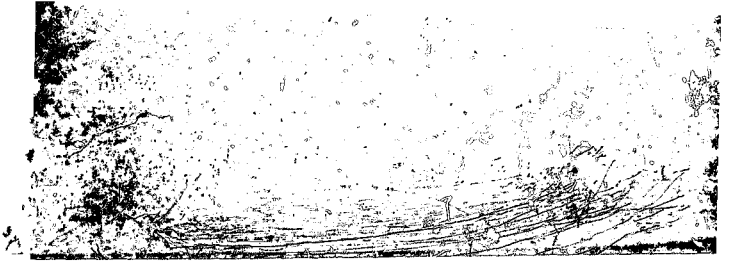
Summary of Stepwise Discriminant Analysis

for 13♂ Male OTUs

Key:

uniflora = GROUP 1

discolor = GROUP 2



STEPWISE DISCRIMINANT ANALYSIS

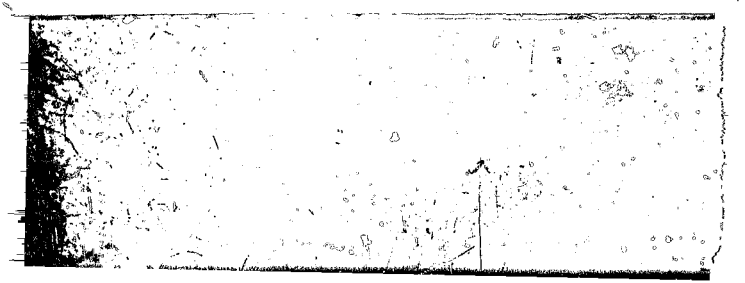
137 OBSERVATIONS	50 VARIABLE(S) IN THE ANALYSIS
2 CLASS LEVELS	0 VARIABLE(S) WILL BE INCLUDED

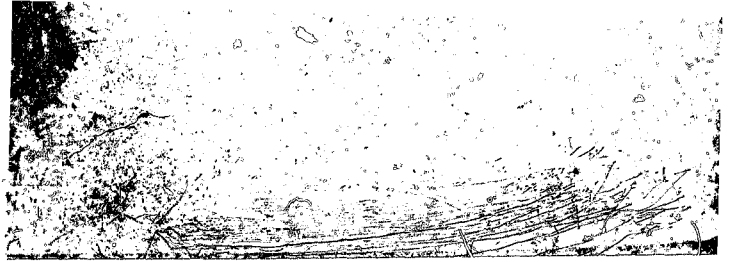
THE METHOD(S) FOR SELECTING VARIABLES WILL BE:
STEPWISE

SIGNIFICANCE LEVEL TO ENTER =	0.1500
SIGNIFICANCE LEVEL TO STAY =	0.1500

CLASS LEVEL INFORMATION

SPECIES	FREQUENCY	PROPORTION
DISCOLOR	101	0.737226
UNIFLORA	36	0.262774



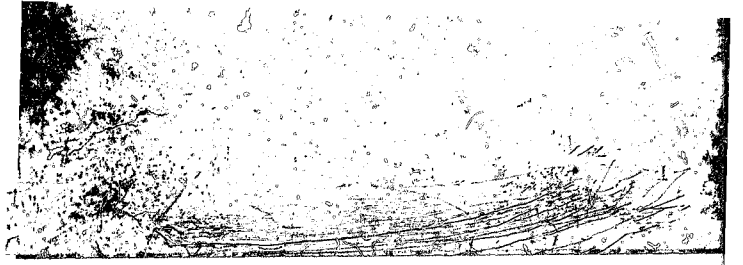


STEPWISE DISCRIMINANT ANALYSIS

CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RACHLEN	-0.08275	0.23216
INTNODLN	0.08047	-0.22577
LNWDRL	-0.18761	0.51963
MXLNL	-0.25718	0.72552
NOODL	-0.09492	0.27710
APKAN	0.07977	-0.18136
APKPS	0.04857	-0.17662
BSAN	0.13240	-0.40439
BSPN	0.06536	-0.23081
SVINS	-0.08950	0.28845
NSECV	-0.14066	0.40005
PINSV	-0.20057	0.61056
PTLLN	0.14097	-0.33771
INTLN	-0.04333	0.12109
3DIR	0.51984	-1.41367
1SBL	0.48101	-1.33871
0BRL	0.50542	-1.37195
1BDV	0.36942	-0.87006
0BRV	0.46617	-1.26588
PNXL	0.48681	-1.31298
LBRP	0.42814	-1.12324
NILOR	0.48832	-1.32762
CORLLN	0.36314	-1.01615
CORLWD	0.15787	-0.42851
CORTWD	0.36795	-1.01396
LCTPPA	0.42095	-1.16115
IRFW	0.45889	-1.26703
IRFL	0.47541	-1.30513
PNDLN	0.43143	-1.19202
ANXLN	0.38916	-1.07718
STWXLOC	0.17082	-0.48527
VACNXLN	0.03147	-0.10350
CSPXWD	0.35142	-0.96066
CPPINWD	0.11260	-0.31500
VANES	-0.09436	0.25129
VANOB	0.19603	-0.56988
SHINL	-0.14809	0.40283
NWHOFHD	-0.89336	1.38414
1BLWR	0.63095	-1.76173
OBLWR	0.13356	-0.33870
INVLWR	-0.16690	0.46653
CRLLWR	0.26538	-0.74083
CORLWR	0.14454	-0.42024
CORLPWR	0.34438	-0.94802
STLLBR	0.15666	-0.41133
TFLPLR	-0.47494	1.29904
INFLWR	-0.23532	0.66745
LBRFWR	0.43579	-1.22268
ALFWLR	-0.27852	0.77397
LCPPCLR	0.13778	-0.37683

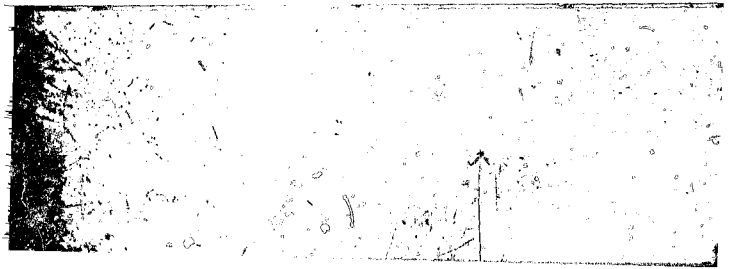


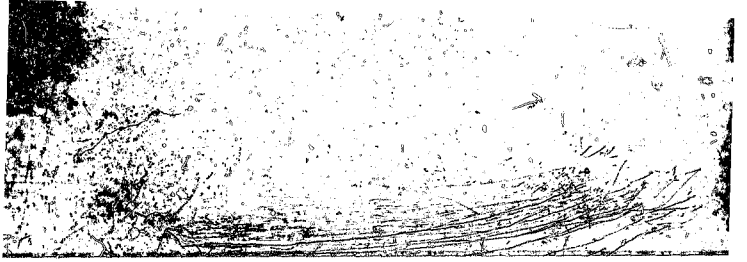


STEPWISE DISCRIMINANT ANALYSIS

STANDARD DEVIATIONS

VARIABLE	TOTAL SAMPLE	WITHIN CLASS
RACNLEN	1.00000	0.99394
INTNSLN	1.00000	0.99447
LNWDRL	1.00249	0.95717
MXLNL	1.00359	0.99819
MXWDL	1.00311	0.99325
APXAN	0.99502	0.99196
APXPN	0.99538	0.99227
BSAN	0.99712	0.97166
BSPS	0.99285	0.98761
SVLNS	0.99697	0.98652
RSECV	1.00351	0.97829
PINSV	1.00301	0.91370
PTLLN	0.98757	0.96823
INTLN	1.00367	1.00972
NBR	0.99452	0.51161
IBRL	0.99642	0.58486
OBRL	0.99348	0.54902
IBRW	1.00365	0.86098
OBRW	0.99732	0.64311
PNKL	0.99826	0.99251
LBRP	0.98566	0.71359
NFLOR	0.99536	0.59084
CORLLN	1.00367	0.80084
CORLWD	1.00315	0.97324
CONTNR	1.00206	0.79756
LCTFFA	1.00179	0.78037
INFV	1.00167	0.65205
INFL	0.99973	0.81936
PNKLN	1.00295	0.70263
ANKLN	1.00264	0.76813
STMXLOL	1.00350	0.96408
VACMXLN	1.00383	1.00571
CRMXWD	1.00061	0.81865
CRMTWD	1.00367	0.98937
VANOS	1.00365	1.00322
VANOB	1.00261	0.96807
SILNL	1.00284	0.97652
XWNOPHD	1.00000	0.56072
IBLWR	0.99290	0.70718
OBLWR	0.99745	0.97900
IRVLWR	1.00365	0.96748
ORLLWR	1.00356	0.90374
CORLWR	1.00164	0.97675
CORLNWR	1.00199	0.82691
STLLBR	0.99986	0.97194
TFLPLR	0.99885	0.60750
INFLWR	1.00342	0.92417
LNWFWR	1.00000	0.68317
ALFNLR	1.00341	0.89287
LOPPOLR	1.00323	0.98075





STEPWISE DISCRIMINANT ANALYSIS

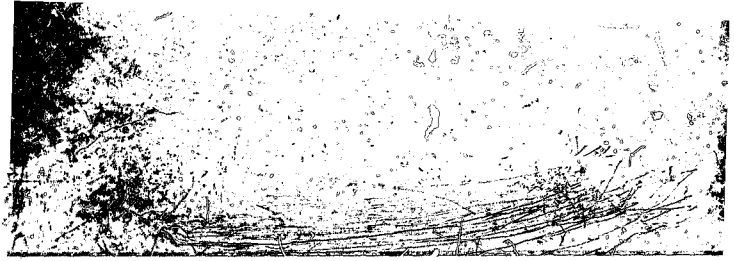
WITHIN-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RACHLEN	-0.08126	0.22330
INTNODLN	0.08092	-0.22702
LAMINHL	-0.19611	0.54957
PDLWL	-0.28033	0.79771
MAXWDL	-0.09642	0.27611
APXAN	0.06917	-0.19407
APXPS	0.05852	-0.16417
BSAN	0.14625	-0.41031
BSPC	0.07579	-0.22106
SVIRS	-0.10067	0.28244
NSECV	-0.14524	0.40747
PTSV	-0.23564	0.67233
PTLLN	0.12991	-0.36448
INTLW	-0.04316	0.12109
NDR	0.99289	-2.78562
IBRL	0.82211	-2.30647
OBRL	0.89856	-2.52026
IBRW	0.35996	-1.00995
OBRW	0.70689	-1.98303
PWXL	0.79815	-2.23938
LBRP	0.96907	-2.71655
NFLOR	0.80758	-2.26570
CORLLN	0.45285	-1.26880
CORLWD	0.15957	-0.44767
CORTWD	0.46529	-1.27733
LCTPFA	0.57710	-1.61913
INTW	0.69554	-1.95138
INFL	0.75543	-2.11838
PWXLN	0.60731	-1.70365
APXLN	0.50164	-1.40737
STKNLGL	0.17879	-0.50161
VAGNKLN	0.03581	-0.10047
CRNWID	0.42116	-1.18159
CRNNWD	0.11357	-0.31863
VARGS	-0.05392	0.15127
VARGB	0.21090	-0.59149
SHINL	-0.19811	0.55574
NNNOFHO	-0.87266	2.46899
LBLWR	0.59517	-1.66979
OBLWR	0.12676	-0.35563
IRYLWR	-0.17207	0.48274
CRLLWR	0.29170	-0.81837
CORLWR	0.19049	-0.53441
CORLNWR	0.41101	-1.15311
STLLBR	-0.15364	+0.43108
TTLNLR	-0.75013	2.10453
INFLWR	-0.25669	0.72016
LANFHR	0.63789	-1.78964
ALFHLR	-0.30989	0.86941
LOPTGLR	0.13787	-0.38680

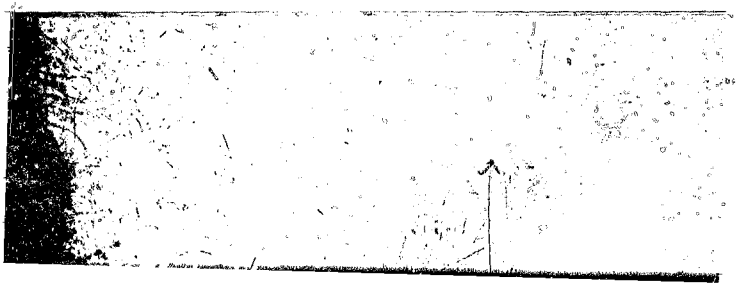
STEPWISE DISCRIMINANT ANALYSIS

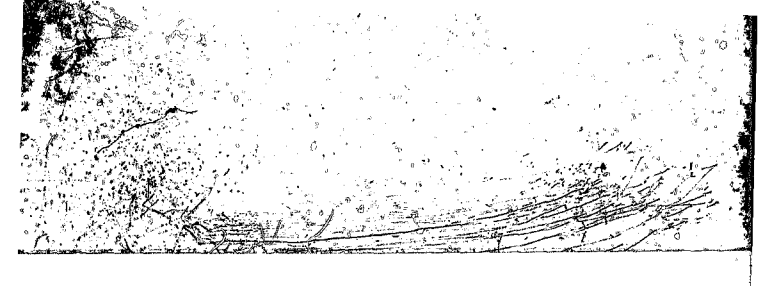
TOTAL-STANDARDIZED CLASS MEANS





VARIABLE	DISCOLOR	UNIFLORA
RAGMLEN	-0.08275	0.23216
IRTNDLN	0.08047	-0.29577
LMWDRL	-0.16515	0.31904
MXLNL	-0.25730	0.72188
MAXDL	-0.09745	0.27141
APXAN	0.06896	-0.19347
APXPS	0.05845	-0.16398
BSAN	0.14252	-0.39981
BSPS	-0.07839	-0.21992
SVINS	-0.05965	0.67348
NSECV	-0.16159	0.39723
PTBDV	-0.22999	0.62561
PTLLN	0.12737	-0.35734
INTLN	-0.04321	0.12122
NSR	0.51077	-1.43299
IBRL	0.48823	-1.35376
DBRL	0.49696	-1.39313
IBRW	0.30881	-0.86638
DBRW	0.45583	-1.27887
PNKL	0.47759	-1.33990
LBRP	0.41199	-1.15587
RFLOR	0.47955	-1.34561
CORLLN	0.36085	-1.01260
CORLWD	0.15455	-0.43388
CONTWD	0.26236	-1.01668
LCTFFA	0.41199	-1.16829
INFW	0.45877	-1.27027
INFL	0.46800	-1.31307
FRCLN	0.42572	-1.19439
AMXLN	0.38631	-1.07819
STMXLOL	0.17180	-0.48200
VASKLN	0.03588	-0.10065
CRKWD	0.34157	-0.96672
CRMWD	0.11725	-0.31409
VANGS	-0.05389	0.15120
VANGB	0.19943	-0.55951
SHTNL	-0.14623	0.40964
MNROTHD	-0.69336	1.38414
LRLWR	0.48151	-1.18257
UBLWR	0.12461	-0.34905
INVLWR	-0.16585	0.46511
ORLLWR	0.26208	-0.73497
CORLWR	0.14569	-0.40818
CORLWAR	0.33899	-0.95105
STLLBR	0.11927	-0.41879
TYLPLR	-0.46475	1.30346
INFLWR	-0.23582	0.66228
LINFTBR	0.48579	-1.35260
ALFNLR	-0.27961	0.77389
LOPPCLR	0.13478	-0.37874

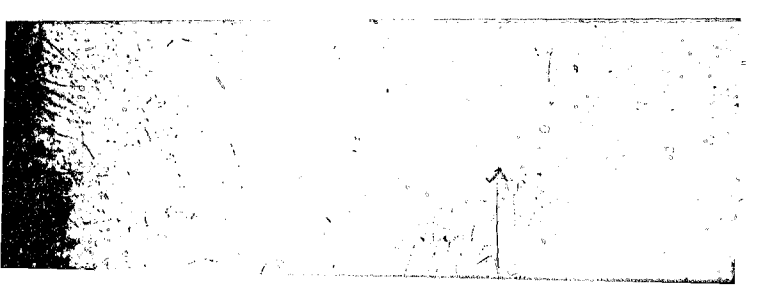


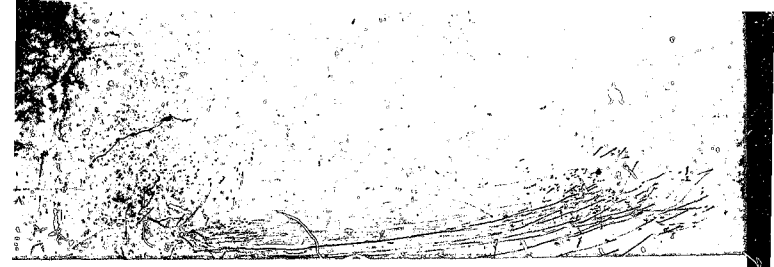


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	RAGMLEN	INTNDLN	JMNDAL	MXLNL	MXWDL	APXAR	APXPS	BSAN	BSPS	SVINS	SV	PINSV	PTLLN
RAGMLEN	1.000	0.683	0.120	0.216	0.097	-0.090	-0.104	-0.116	-0.093	-0.002	0.088	-0.013	0.097
INTNDLN	0.683	1.000	0.095	0.114	0.071	-0.064	-0.120	0.017	-0.047	-0.127	-0.057	0.007	0.225
LNNDAL	0.120	0.095	1.000	0.495	-0.371	-0.471	0.037	-0.500	0.029	-0.292	0.299	0.138	0.284
MXLNL	0.216	0.114	0.495	1.000	0.804	-0.270	0.030	-0.157	0.123	0.048	0.372	0.308	0.369
MXWDL	0.097	0.071	-0.371	0.804	1.000	0.115	0.092	0.281	0.081	0.227	0.295	0.169	0.119
APXAR	-0.090	-0.064	-0.471	-0.270	0.115	1.000	-0.908	0.061	-0.141	0.231	-0.150	-0.077	-0.243
APXPS	-0.104	-0.120	0.037	0.030	0.092	-0.908	1.000	0.153	0.184	-0.081	0.147	0.081	0.068
BSAN	-0.116	0.017	-0.500	-0.157	0.281	0.061	0.153	1.000	0.563	0.064	0.039	-0.030	-0.097
BSPS	-0.093	-0.047	0.029	0.123	0.081	-0.141	0.184	0.563	1.000	0.031	0.287	0.092	0.181
SVINS	-0.002	-0.127	-0.292	0.048	0.227	0.231	-0.081	0.064	-0.031	1.000	0.234	-0.054	-0.093
MSCDV	0.088	0.057	0.299	0.372	0.295	0.383	-0.150	-0.057	0.039	0.234	1.000	0.034	0.312
PINSV	-0.013	0.007	0.138	0.308	0.169	-0.077	0.028	-0.030	0.092	-0.054	0.034	1.000	-0.053
PTLLN	0.097	0.225	0.284	0.369	0.119	-0.243	0.068	-0.097	0.181	-0.093	0.312	-0.053	1.000
INTLN	0.820	0.100	-0.045	0.209	0.299	0.067	-0.108	0.010	0.021	0.035	-0.002	0.123	-0.098
RRR	-0.046	0.160	-0.299	-0.109	-0.159	0.188	0.024	0.204	0.135	0.080	-0.139	0.037	0.213
LBRL	-0.046	0.188	-0.207	-0.362	-0.194	0.032	0.743	0.397	0.337	-0.118	-0.102	-0.324	0.205
GBRL	-0.036	0.180	-0.170	-0.291	-0.168	0.079	0.730	0.273	0.269	-0.160	-0.150	-0.288	0.212
LBRW	-0.007	0.139	-0.256	-0.231	0.002	0.053	0.156	0.229	0.090	-0.111	-0.112	-0.190	0.025
GBRW	0.005	0.121	-0.190	-0.183	-0.065	0.022	0.106	0.200	0.092	-0.097	-0.105	-0.170	0.040
PRWL	-0.080	0.152	-0.270	-0.315	-0.079	0.022	-0.009	0.149	0.111	-0.088	-0.102	-0.317	0.189
LBRP	0.037	0.178	-0.131	-0.185	-0.072	0.039	-0.015	0.197	0.214	-0.079	0.003	-0.292	0.299
WFLOR	-0.018	0.158	-0.138	-0.396	-0.263	0.114	0.100	0.232	0.304	-0.106	-0.182	-0.298	0.261
CORLLN	-0.165	0.037	-0.159	-0.221	-0.056	0.074	0.056	0.019	0.061	-0.106	-0.003	-0.263	0.196
CORLWD	0.004	0.151	-0.121	-0.248	-0.116	0.066	0.027	0.076	0.035	0.081	0.047	-0.092	0.184
CORTWD	-0.163	0.026	-0.227	-0.290	-0.091	0.030	0.102	0.236	0.129	-0.094	-0.066	-0.189	0.193
LOTPFA	-0.052	0.104	-0.178	-0.261	-0.110	0.081	0.111	0.125	0.158	-0.107	-0.100	-0.252	0.156
IRFW	0.029	0.139	-0.129	-0.271	-0.167	0.127	0.119	0.160	0.194	-0.224	-0.216	-0.279	0.157
IRFL	-0.006	0.137	-0.215	-0.330	-0.162	0.086	0.056	0.236	0.245	-0.113	-0.150	-0.335	0.192
FMXLN	-0.116	0.125	-0.206	-0.271	-0.081	0.118	0.096	0.123	0.084	-0.163	-0.159	-0.240	0.159
AMXLN	-0.090	0.035	-0.209	-0.208	-0.022	0.104	0.093	0.209	0.098	-0.028	-0.035	-0.132	0.098
STMXLOL	0.026	0.262	-0.181	-0.069	0.117	0.029	0.053	0.078	-0.038	0.029	-0.033	0.017	0.082
VACMXLN	0.004	0.109	0.103	-0.075	-0.157	0.013	0.026	0.006	0.036	-0.018	-0.031	-0.064	-0.117
CRMXWD	-0.067	0.105	-0.192	-0.212	-0.067	-0.031	0.116	0.282	0.190	-0.121	-0.008	-0.215	0.281
CRMNWD	-0.091	0.015	-0.110	-0.220	0.067	0.140	0.101	0.170	0.110	-0.049	0.046	-0.090	0.139
VANGS	0.152	0.125	-0.249	0.110	0.342	0.225	-0.138	0.184	0.256	0.443	0.282	0.090	-0.117
VANGS	-0.038	-0.075	-0.319	-0.029	0.267	0.218	-0.099	0.218	0.290	0.129	0.139	0.120	0.123
SIINL	-0.032	0.037	-0.218	-0.271	-0.370	-0.323	-0.093	-0.258	-0.261	-0.268	-0.238	-0.084	-0.293
WNNOFHO	0.398	0.043	0.221	0.398	0.264	-0.196	-0.116	-0.273	-0.269	0.162	0.261	0.264	-0.134
IBLWR	-0.068	-0.042	-0.099	-0.319	-0.258	0.066	0.063	0.268	0.342	-0.073	-0.096	-0.318	0.245
OBLWR	-0.094	-0.132	-0.143	-0.282	-0.168	0.094	0.020	0.165	0.182	0.177	-0.089	-0.128	-0.030
IRVLWR	-0.133	-0.157	0.018	0.107	0.092	0.082	-0.203	-0.126	-0.065	0.188	0.198	0.112	-0.045
CRLLWR	-0.156	-0.046	-0.074	-0.189	-0.131	0.077	0.018	-0.047	0.028	-0.169	-0.013	-0.294	0.090
CORLWR	-0.019	-0.077	-0.026	-0.099	-0.058	0.123	0.014	-0.095	0.026	-0.021	-0.081	-0.084	-0.078
CORLHWR	-0.071	0.055	-0.105	-0.256	-0.169	0.114	0.018	0.013	0.045	-0.102	-0.186	-0.270	0.050
STLLBR	0.019	-0.100	-0.011	-0.116	-0.166	0.063	0.034	0.112	0.205	-0.080	-0.038	-0.173	0.064
TFLPLR	0.051	-0.152	0.196	0.346	0.196	-0.080	-0.154	-0.255	-0.208	0.075	0.281	0.348	-0.153
TMFLWR	-0.076	-0.101	-0.022	-0.107	0.127	-0.100	-0.169	-0.105	-0.121	0.232	0.209	0.100	-0.095
LRNFHR	-0.121	0.110	-0.156	-0.315	-0.178	0.138	0.056	0.223	0.204	-0.168	-0.152	-0.298	0.190
ALFMLR	0.172	-0.062	0.199	0.260	0.137	-0.085	0.021	0.010	0.073	0.190	0.252	0.093	-0.014
LEPFCLR	0.005	0.073	-0.073	-0.132	-0.074	0.066	0.059	0.038	0.071	-0.024	-0.149	-0.054	-0.048

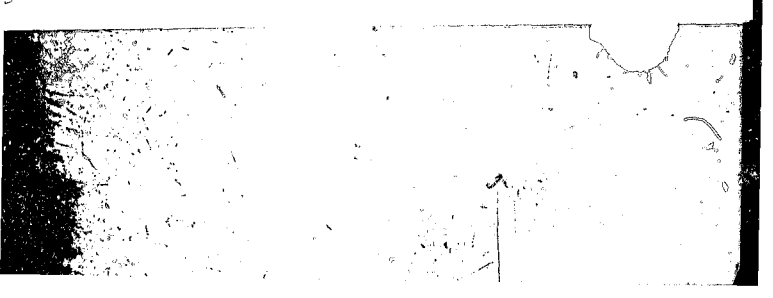


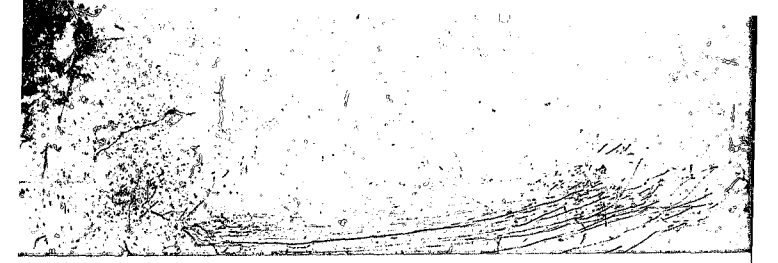


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PRKL	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPPA
RACMLEN	0.220	-0.046	-0.046	-0.036	-0.007	0.005	-0.000	0.037	-0.018	-0.165	0.004	-0.163	-0.052
INTNDLN	0.100	0.160	0.108	0.180	0.139	0.251	0.152	0.178	0.158	0.037	0.151	0.026	0.104
LNNDRL	-0.005	-0.259	-0.207	-0.170	-0.256	-0.129	-0.270	-0.131	-0.132	-0.139	-0.121	-0.227	-0.178
MXLNL	0.204	-0.409	-0.362	-0.293	-0.231	-0.189	-0.312	-0.185	-0.348	-0.221	-0.044	-0.290	-0.261
MXNDL	0.259	-0.159	-0.196	-0.198	0.002	-0.065	-0.079	-0.072	-0.213	-0.056	0.118	-0.091	-0.107
APKAR	0.067	0.188	0.053	0.079	0.053	0.056	0.222	0.039	0.114	0.074	0.006	0.030	0.081
APXPS	-0.108	0.004	0.143	0.130	0.156	0.106	0.000	-0.015	0.100	0.056	0.037	0.133	0.111
BBAR	0.010	0.208	0.367	0.273	0.229	0.220	0.149	0.197	0.232	0.019	0.076	0.236	0.125
BSIS	0.021	0.155	0.127	0.269	0.090	0.202	0.111	0.214	0.304	0.047	0.032	0.129	0.158
BVINS	0.035	-0.082	-0.118	-0.160	-0.111	-0.207	-0.088	-0.079	-0.166	-0.106	0.081	-0.094	-0.107
NVEDV	-0.008	-0.119	-0.102	-0.150	-0.112	-0.125	-0.102	-0.083	-0.182	-0.053	0.007	-0.066	-0.056
FINSV	0.163	0.337	0.324	0.328	0.140	0.270	0.317	0.295	0.292	0.263	0.082	0.189	0.252
PTLLN	-0.098	0.213	0.205	0.212	0.095	0.240	0.189	0.249	0.221	0.196	0.184	0.191	0.201
INTLN	1.000	0.219	0.096	0.063	0.165	0.082	0.057	0.091	0.011	0.060	0.138	0.131	-0.001
NBR	0.019	1.000	0.886	0.806	0.576	0.738	0.857	0.676	0.816	0.603	0.265	0.587	0.735
IBRL	0.096	0.886	1.000	0.884	0.645	0.783	0.782	0.784	0.822	0.538	0.176	0.569	0.759
OBRL	0.063	0.806	0.884	1.000	0.580	0.885	0.803	0.665	0.840	0.578	0.173	0.642	0.740
IBRW	0.165	0.576	0.645	0.580	1.000	0.628	0.560	0.530	0.539	0.355	0.260	0.604	0.470
OBRW	0.082	0.738	0.783	0.885	0.628	1.000	0.721	0.604	0.744	0.547	0.227	0.569	0.671
PRKL	0.057	0.857	0.782	0.803	0.560	0.721	1.000	0.719	0.768	0.661	0.213	0.607	0.683
LBRP	0.091	0.676	0.784	0.665	0.530	0.604	0.719	1.000	0.656	0.521	0.219	0.603	0.568
NFLOR	0.011	0.816	0.822	0.840	0.539	0.744	0.768	0.656	1.000	0.468	0.136	0.567	0.656
CORLLN	-0.060	0.603	0.538	0.578	0.355	0.547	0.661	0.521	0.468	1.000	0.175	0.478	0.676
CORLWD	0.138	0.263	0.176	0.173	0.260	0.227	0.213	0.219	0.136	0.175	1.000	0.380	0.143
CORTWD	0.131	0.587	0.569	0.642	0.604	0.569	0.607	0.603	0.567	0.478	0.380	1.000	0.440
LCTPPA	-0.001	0.735	0.759	0.740	0.470	0.671	0.683	0.568	0.656	0.676	0.143	0.440	1.000
IRFW	0.093	0.695	0.727	0.785	0.478	0.739	0.744	0.532	0.811	0.536	0.172	0.488	0.768
IRFL	0.077	0.838	0.809	0.844	0.628	0.756	0.830	0.715	0.820	0.622	0.195	0.600	0.783
FMKLN	0.040	0.644	0.601	0.639	0.368	0.599	0.643	0.513	0.534	0.728	0.251	0.443	0.736
AMKLN	0.116	0.691	0.746	0.701	0.502	0.615	0.718	0.668	0.653	0.788	0.110	0.533	0.754
STHKLDL	0.051	0.823	0.836	0.820	0.608	0.804	0.840	0.661	0.737	0.584	0.280	0.730	0.678
VACMKLN	0.222	0.011	0.105	0.033	0.045	0.160	0.075	0.115	0.017	-0.012	-0.003	0.220	0.187
CRWKWD	0.136	0.517	0.467	0.608	0.449	0.557	0.566	0.631	0.515	0.424	0.158	0.825	0.566
CRNKWD	0.169	0.241	0.252	0.252	0.389	0.228	0.244	0.261	0.186	0.139	0.952	0.569	0.060
VAMGS	0.095	-0.019	-0.051	-0.080	-0.047	-0.073	0.011	-0.053	-0.106	-0.109	0.068	-0.111	-0.061
VANGB	-0.063	0.321	0.290	0.301	0.172	0.256	0.294	0.212	0.229	0.335	0.187	0.227	0.288
SHINL	-0.096	-0.181	-0.081	-0.048	-0.055	-0.008	-0.023	-0.092	-0.021	-0.213	-0.134	-0.197	-0.156
NWNOFHD	0.033	-0.759	-0.797	-0.881	-0.538	-0.741	-0.750	-0.631	-0.789	-0.572	-0.166	-0.644	-0.701
IBLWR	-0.039	0.706	0.684	0.764	0.584	0.615	0.550	0.701	0.647	0.509	0.068	0.583	0.641
OBLWR	-0.027	0.820	0.851	0.883	-0.096	-0.175	-0.813	-0.151	-0.837	-0.181	-0.041	-0.175	-0.183
INVLWR	-0.127	-0.112	-0.101	-0.323	-0.278	-0.358	-0.168	-0.161	-0.392	-0.034	-0.070	-0.199	-0.132
CRLLWR	-0.189	0.636	0.617	0.649	0.199	0.400	0.513	0.376	0.373	0.250	-0.358	0.259	0.553
CORLWR	-0.118	0.266	0.201	0.249	-0.068	0.235	0.289	0.068	0.221	0.108	-0.159	-0.276	0.619
CORLHWR	-0.060	0.554	0.497	0.548	0.239	0.511	0.540	0.396	0.489	0.605	-0.115	0.136	0.780
STLLBR	0.075	0.151	0.139	0.340	0.006	0.280	0.215	0.207	0.292	0.095	-0.108	0.193	0.401
TFLPLR	0.002	-0.759	-0.817	-0.803	-0.591	-0.758	-0.711	-0.672	-0.739	-0.533	-0.199	-0.993	-0.561
INFLWR	-0.091	-0.292	-0.284	-0.295	-0.270	-0.284	-0.110	-0.294	-0.454	-0.110	-0.078	-0.206	-0.333
LRNFLR	0.019	0.758	0.808	0.800	0.528	0.709	0.762	0.630	0.762	0.633	0.128	0.617	0.729
ALPHLR	0.037	-0.335	-0.247	-0.329	-0.092	-0.318	-0.294	-0.141	-0.336	-0.306	-0.059	-0.178	-0.436
LDNFOLR	-0.052	0.268	0.274	0.287	0.084	0.242	0.191	0.075	0.286	0.066	-0.009	-0.065	0.560

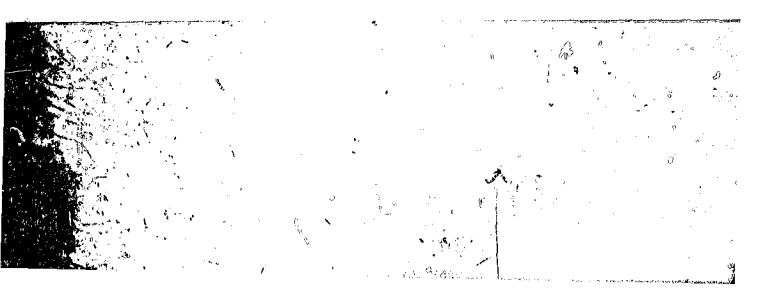


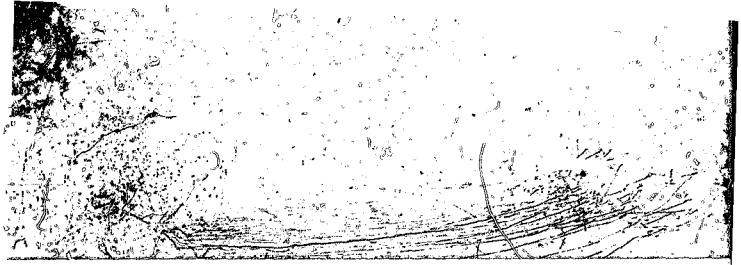


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	INFW	INFL	FMXLN	ANKLN	STMXLOL	VACMXLN	CRMXWD	CRMNWD	VANGS	VARGB	SHINL	MNNDFHD	LBLWR
RACKLFN	0.025	-0.006	-0.116	-0.040	0.024	0.004	-0.067	-0.008	0.153	-0.238	0.042	0.394	-0.068
INTRDLN	-0.139	0.137	0.125	0.035	0.242	-0.109	0.105	0.015	0.185	-0.075	0.017	0.093	0.048
LNWDRL	-0.129	-0.215	-0.200	-0.209	-0.181	0.103	-0.192	-0.110	-0.244	0.314	0.818	0.221	-0.099
MKLNL	-0.271	-0.330	-0.271	-0.208	-0.009	-0.075	-0.212	-0.020	0.110	-0.029	0.371	0.398	-0.319
MXWDL	-0.167	-0.142	-0.081	-0.022	0.117	-0.150	-0.047	0.080	0.342	0.267	-0.179	0.249	-0.258
APKAN	0.127	0.104	0.118	0.104	0.029	0.013	-0.031	-0.048	0.225	0.019	-0.323	-0.194	0.066
APKPS	0.119	0.056	0.082	0.093	0.052	0.086	0.116	0.141	-0.138	0.009	-0.068	0.110	0.043
BSAN	0.160	0.236	0.123	0.209	0.072	0.086	0.282	0.170	0.184	0.318	-0.258	-0.273	0.268
BSPS	0.194	0.265	0.094	0.252	-0.038	0.036	0.190	0.167	0.058	0.294	-0.263	-0.209	0.242
SVIRS	-0.252	-0.113	-0.163	-0.028	0.029	-0.014	-0.121	-0.010	0.043	0.129	-0.268	0.162	-0.072
HRSCV	-0.218	-0.093	-0.199	0.032	-0.033	-0.031	-0.098	0.132	0.202	0.185	0.238	0.191	0.086
FINSV	-0.279	-0.265	-0.260	-0.332	0.017	-0.064	-0.215	0.029	0.090	-0.028	0.094	0.264	-0.318
PYLAN	0.157	0.125	0.110	0.180	0.082	-0.117	0.281	0.159	-0.117	0.123	0.293	-0.184	0.249
INTCH	0.093	0.077	0.040	0.116	0.051	0.222	0.136	0.149	0.095	-0.063	-0.096	0.033	-0.039
WBK	0.695	0.838	0.644	0.691	0.426	0.081	0.577	0.241	-0.015	0.288	-0.159	-0.759	0.706
IRNL	0.727	0.899	0.691	0.746	0.256	0.205	0.667	0.352	-0.051	0.290	-0.081	-0.797	0.684
OBRL	0.765	0.844	0.639	0.701	0.220	0.231	0.608	0.252	-0.080	0.301	-0.093	-0.801	0.744
IBRW	0.579	0.624	0.568	0.502	0.088	0.065	0.549	0.389	-0.047	0.172	-0.226	-0.538	0.616
OBRW	0.739	0.756	0.599	0.619	0.264	0.160	0.557	0.228	-0.073	0.256	-0.085	-0.741	0.588
TMXL	0.764	0.830	0.643	0.716	0.340	0.072	0.606	0.264	0.011	0.294	-0.233	-0.750	0.615
LBRP	0.612	0.715	0.513	0.660	0.281	0.115	0.631	0.261	-0.053	0.212	-0.092	-0.631	0.550
NFLOR	0.811	0.820	0.734	0.653	0.137	0.217	0.512	0.186	-0.106	0.229	-0.051	-0.789	0.701
CORLLN	0.536	0.632	0.728	0.728	0.367	-0.012	0.436	0.139	-0.009	0.335	-0.213	-0.572	0.447
CORLWD	0.172	0.195	0.251	0.110	0.284	-0.203	0.368	0.432	0.062	0.187	-0.198	-0.166	0.064
CORTWD	0.488	0.600	0.443	0.533	0.136	0.220	0.865	0.549	-0.111	0.287	-0.191	-0.494	0.441
LCTPFA	0.768	0.863	0.736	0.756	0.218	0.187	0.566	0.060	-0.001	0.288	-0.156	-0.701	0.644
INFW	1.000	0.827	0.669	0.723	0.070	0.305	0.397	0.087	-0.098	0.183	-0.098	-0.791	0.681
INFL	0.827	1.000	0.677	0.830	0.273	0.180	0.584	0.234	-0.018	0.298	-0.135	-0.776	0.711
FMXLN	0.669	0.677	1.000	0.645	0.268	0.099	0.366	0.006	-0.035	0.312	-0.202	-0.648	0.588
ANKLN	0.723	0.830	0.645	1.000	0.288	0.209	0.389	0.184	-0.046	0.307	-0.166	-0.691	0.593
STMXLOL	0.070	0.273	0.268	0.288	1.000	-0.234	0.311	0.299	0.075	0.201	-0.206	-0.165	0.057
VACMXLN	0.305	0.180	0.099	0.209	-0.234	1.000	0.129	0.032	-0.069	0.206	0.084	-0.268	0.205
CRMXWD	0.397	0.584	0.366	0.389	0.311	0.129	1.000	0.591	-0.115	0.183	-0.138	-0.557	0.195
CRMNWD	0.087	0.234	0.006	0.184	0.299	0.032	0.591	1.000	-0.000	0.110	-0.118	-0.298	0.178
VANGS	-0.098	-0.018	-0.035	-0.046	0.075	-0.069	-0.115	-0.000	1.000	0.226	-0.1	0.117	-0.080
VARGB	0.183	0.298	0.312	0.307	0.201	-0.206	0.183	0.110	0.226	1.000	-0.2	-0.304	0.201
SHINL	-0.098	-0.135	-0.202	-0.166	-0.206	0.084	-0.138	-0.118	-0.021	-0.304	1.000	0.114	-0.094
MNNDFHD	-0.791	-0.776	-0.648	-0.691	-0.165	-0.268	-0.557	-0.298	0.117	-0.304	0.114	1.000	-0.675
LBLWR	0.681	0.711	0.588	0.593	0.057	0.205	0.195	0.178	-0.080	0.201	0.094	-0.675	1.000
OBLWR	0.112	0.225	0.160	0.216	0.006	0.097	0.132	0.069	-0.002	0.107	-0.079	-0.202	0.387
INVLWR	-0.494	-0.167	-0.120	-0.088	0.146	-0.359	-0.159	-0.046	0.068	0.095	-0.017	0.364	-0.072
CRLLWR	0.399	0.476	0.543	0.614	0.196	0.084	-0.220	-0.088	-0.049	0.212	-0.1	-0.451	0.394
CORLWR	0.615	0.348	0.467	0.372	0.065	0.098	-0.053	-0.381	0.081	0.166	-0.1	-0.242	0.315
CORLWAR	0.630	0.640	0.699	0.638	0.114	0.130	0.067	-0.491	0.000	0.237	-0.144	-0.525	0.475
STLLBR	0.500	0.387	0.211	0.330	-0.700	0.368	0.092	-0.171	-0.058	-0.006	0.051	-0.336	0.394
TFLPLR	-0.651	-0.693	-0.500	-0.566	-0.306	-0.122	-0.620	-0.302	0.120	-0.289	0.081	0.742	-0.658
TRFLNR	-0.710	-0.722	-0.299	-0.717	0.134	-0.329	-0.120	0.096	0.072	0.091	-0.030	0.519	-0.656
LRNTHR	0.737	0.817	0.645	0.705	0.213	0.226	0.554	0.215	-0.073	0.235	-0.071	-0.649	0.669
ALFMLR	-0.370	-0.287	-0.332	-0.152	-0.076	0.209	-0.060	0.186	0.035	0.152	0.143	0.293	-0.284
LOWTCLR	0.624	0.382	0.269	0.184	-0.137	0.150	-0.179	-0.220	0.031	0.009	-0.047	-0.293	0.796

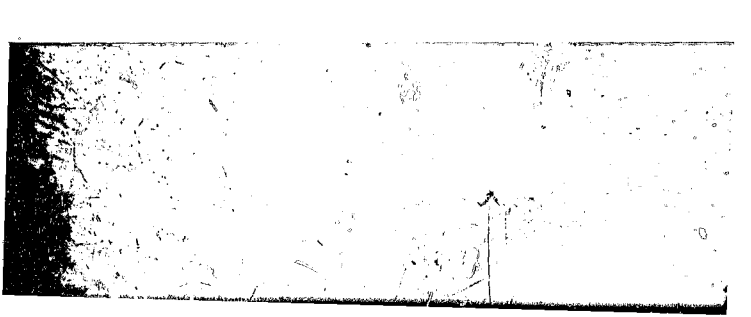


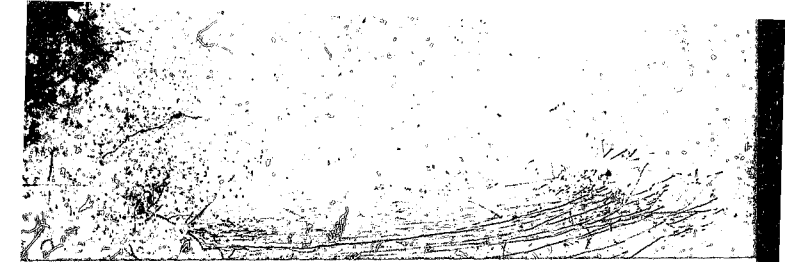


STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	OBLIAR	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFWR	ALFMLR	LCPFCLR
RACHLER	-0.094	-0.133	-0.156	-0.019	-0.071	0.01	0.051	-0.074	-0.121	0.772	0.005
INTNDLR	-0.132	-0.167	-0.046	-0.007	0.055	-0.100	-0.152	-0.141	0.110	-0.062	0.073
LNWBRL	-0.143	0.018	-0.074	-0.036	-0.105	-0.011	0.196	-0.022	-0.156	0.184	-0.073
MXLNL	-0.282	0.107	-0.189	-0.094	-0.256	-0.146	0.346	0.103	-0.373	0.260	-0.132
MXDBL	-0.168	0.092	-0.131	-0.058	-0.169	-0.166	0.196	0.127	-0.176	0.137	-0.078
APXAN	0.099	-0.020	0.072	0.023	0.114	0.053	-0.080	-0.100	0.138	-0.085	0.066
APXPS	0.020	-0.203	0.018	0.094	0.018	0.034	-0.194	-0.169	0.056	0.001	0.059
BBAN	0.103	-0.126	-0.067	-0.099	0.013	0.112	-0.255	-0.105	0.223	0.010	0.038
BSPS	0.122	-0.085	0.028	0.006	0.045	0.205	-0.208	-0.121	0.204	[illegible]	0.071
SVINS	0.177	0.128	-0.149	-0.021	-0.102	-0.080	0.079	0.232	-0.168	[illegible]	-0.024
NSECP	-0.089	0.198	-0.011	-0.061	-0.186	-0.038	0.241	0.269	-0.[illegible]	[illegible]	-0.149
FINCV	-0.128	0.132	-0.298	-0.084	-0.270	-0.173	0.360	0.100	-0.[illegible]	[illegible]	-0.034
PTLLN	-0.030	-0.065	0.090	-0.078	0.060	0.064	-0.153	-0.055	0.[illegible]	[illegible]	-0.018
INTLN	-0.027	0.127	-0.120	-0.112	-0.060	0.075	0.082	-0.091	-0.019	[illegible]	-0.052
MXR	0.220	-0.112	0.436	0.266	0.554	0.141	-0.759	-0.259	0.758	-0.335	0.262
LBRL	0.251	-0.183	0.417	0.251	0.497	0.229	-0.617	-0.322	0.804	-0.267	0.276
OBRL	0.283	-0.283	0.449	0.249	0.548	0.340	-0.803	-0.445	0.800	-0.329	0.287
IBRW	-0.098	0.278	0.199	-0.068	0.039	0.086	-0.591	-0.270	0.528	-0.092	0.084
OBRW	-0.175	-0.358	0.400	0.235	0.571	0.284	-0.758	-0.484	0.709	-0.314	0.242
PBKL	0.213	-0.168	0.513	0.282	0.580	0.215	-0.711	-0.310	0.782	-0.258	0.191
LBRP	0.151	-0.141	0.378	0.068	0.396	0.207	-0.672	-0.254	0.630	-0.141	0.075
NFLOR	0.237	0.292	0.214	0.267	0.409	0.392	-0.739	-0.454	0.768	-0.236	0.286
CORLL	0.121	0.038	0.850	0.404	0.605	0.095	-0.433	-0.110	0.633	-0.404	0.066
CORLWQ	-0.041	-0.070	-0.258	-0.159	-0.115	-0.102	-0.199	-0.078	0.184	-0.255	-0.009
CORTWQ	0.175	-0.199	0.289	-0.276	0.136	0.193	-0.[illegible]	-0.204	0.617	-0.178	-0.026
LCTPTA	0.183	-0.132	0.353	0.619	0.780	0.401	-0.[illegible]	-0.333	0.799	-0.434	0.660
INFW	0.112	-0.498	0.[illegible]	0.415	0.630	0.500	[illegible]	-0.710	0.737	-0.370	0.424
INFL	0.225	-0.167	0.[illegible]	0.308	0.540	0.387	-0.[illegible]	-0.322	0.817	-0.287	0.182
FMKLN	0.160	-0.120	0.[illegible]	0.461	0.699	0.[illegible]	-0.[illegible]	-0.299	0.643	-0.802	0.269
AMKLN	0.216	-0.088	0.614	0.373	0.634	0.350	-0.[illegible]	-0.257	0.765	-0.121	0.184
SIMKLOL	0.106	-0.196	0.[illegible]	0.065	0.114	-0.700	-0.[illegible]	0.134	0.213	0.078	-0.137
VACKKLR	0.097	-0.359	0.088	0.068	0.130	0.368	-0.122	-0.328	0.206	0.049	0.159
CRMWQD	0.138	0.159	0.[illegible]	0.453	0.[illegible]	0.042	-0.[illegible]	-0.180	0.[illegible]	0.065	-0.179
CRMWQ	0.069	-0.048	-0.088	-0.381	-0.491	-0.171	-0.302	0.046	0.315	0.184	-0.220
VWNQS	-0.003	0.[illegible]	0.049	0.081	-0.009	-0.[illegible]	0.[illegible]	0.072	-0.073	0.035	0.031
V/NQD	0.107	0.095	0.812	0.166	0.237	-0.002	-0.249	0.051	0.235	-0.152	0.009
CVINL	-0.075	-0.017	0.[illegible]	-0.057	-0.[illegible]	0.081	-0.[illegible]	-0.030	-0.[illegible]	0.143	-0.087
WNHGFWD	-0.202	0.364	-0.[illegible]	-0.242	-0.525	-0.336	0.762	0.516	-0.869	0.393	0.[illegible]
LBLWR	0.387	-0.072	-0.394	0.315	0.[illegible]	-0.[illegible]	-0.[illegible]	-0.266	0.669	0.284	-0.[illegible]
OBLWR	1.000	0.132	0.129	0.065	0.118	0.067	-0.126	0.139	0.221	-0.108	0.[illegible]
INVLWR	0.132	1.000	0.071	0.004	-0.087	-0.[illegible]	0.307	0.789	-0.208	0.184	-0.160
CRLLWR	0.129	0.071	1.000	0.455	0.618	0.137	-0.327	-0.051	0.531	-0.213	0.[illegible]
CORLWR	0.065	0.004	0.455	1.000	0.705	0.253	-0.088	-0.217	0.268	-0.349	[illegible]
CORLMWR	0.118	-0.087	0.618	0.705	1.000	0.283	-0.389	-0.309	0.536	-0.498	[illegible]
STLLBR	0.067	-0.[illegible]	0.137	0.253	0.283	1.000	-0.153	-0.381	0.315	-0.122	[illegible]
TFLPLR	-0.126	0.307	-0.327	-0.088	-0.389	-0.153	1.000	0.485	-0.651	0.208	[illegible]
INFLWR	0.139	0.789	-0.051	-0.217	-0.309	-0.381	0.485	1.000	-0.341	0.231	[illegible]
LRNFWR	0.221	-0.208	0.531	0.268	0.536	0.315	-0.651	-0.341	1.000	-0.314	[illegible]
ALFMLR	-0.108	0.184	-0.213	-0.349	-0.498	-0.122	0.208	0.231	-0.314	1.000	[illegible]
LCPFCLR	0.090	-0.160	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	1.000



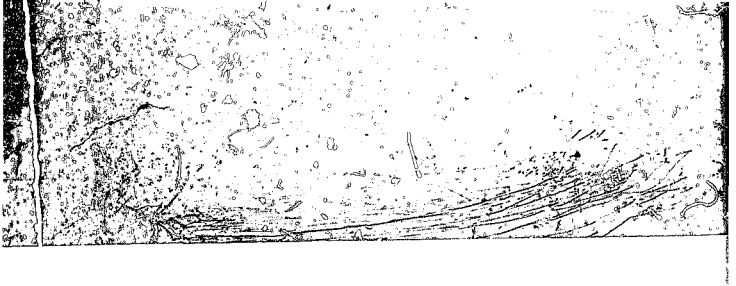


STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	RAGHLEN	INTNDLN	LNNDRL	MXLNL	MXWDL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RAGHLEN	1.000	0.654	0.681	0.175	0.076	-0.075	-0.092	-0.108	-0.076	-0.026	0.057	-0.071	0.131
INTNDLN	0.654	1.000	0.092	0.193	0.056	-0.061	-0.146	-0.016	-0.066	-0.107	0.005	0.063	0.202
LNNDRL	0.681	0.092	1.000	0.021	-0.036	-0.461	0.077	-0.461	0.077	-0.187	0.187	0.024	0.289
MXLNL	0.175	0.193	0.021	1.000	0.595	-0.265	0.081	-0.261	0.201	-0.034	0.535	0.174	0.520
MXWDL	0.076	0.056	-0.450	0.595	1.000	0.136	0.010	0.334	-0.165	0.310	0.339	-0.116	0.360
APKAN	-0.073	-0.061	-0.461	-0.265	0.136	1.000	-0.420	0.136	-0.158	0.256	-0.157	0.037	-0.278
APKPS	-0.092	-0.146	0.078	-0.081	0.019	-0.420	1.000	0.134	0.174	-0.065	-0.024	0.070	0.038
BSAN	-0.108	-0.016	-0.461	-0.261	0.334	0.136	0.134	1.000	0.592	0.108	0.102	0.066	-0.103
BSPS	-0.076	-0.066	0.075	0.201	0.105	-0.158	0.174	0.592	1.000	-0.030	0.269	0.110	0.158
SVINS	-0.026	-0.107	0.187	-0.034	0.310	0.256	-0.065	0.108	-0.030	1.000	0.202	0.187	0.060
NSECV	0.057	0.005	0.187	0.535	0.339	-0.157	-0.024	0.102	0.269	0.202	1.000	0.068	0.383
PINSV	-0.071	0.063	0.024	0.174	0.116	0.037	0.070	0.066	0.110	-0.122	-0.068	1.000	0.030
PTLLN	0.131	0.202	0.289	0.520	0.360	-0.278	0.038	-0.103	0.158	-0.060	0.383	0.030	1.000
INTLN	0.212	0.111	-0.072	0.192	0.251	-0.076	-0.021	0.028	0.031	-0.083	-0.000	0.104	-0.085
NDR	0.146	0.086	-0.051	-0.082	-0.037	0.174	-0.099	-0.004	0.088	0.123	0.121	-0.031	0.098
IBRL	0.116	-0.004	-0.082	-0.080	-0.105	-0.071	0.108	0.258	0.380	0.031	0.160	-0.036	0.055
DBRL	0.147	0.123	0.171	0.126	-0.021	-0.032	0.088	0.136	0.291	-0.038	0.091	-0.030	0.063
IBRW	0.072	0.081	-0.110	-0.009	0.103	-0.026	0.126	0.126	0.226	0.031	0.218	0.069	-0.103
DBRW	0.175	0.232	0.180	0.258	0.095	-0.058	0.049	0.058	0.159	-0.125	0.093	0.029	0.121
FMXL	0.189	0.072	-0.035	0.066	0.090	0.218	-0.148	-0.098	0.099	0.079	0.159	0.025	0.030
* BRF	0.181	0.118	0.123	0.176	0.056	-0.057	0.113	0.093	0.172	0.053	0.230	-0.053	0.143
N_LOB	0.161	0.083	0.215	0.092	-0.190	0.035	0.035	0.068	0.137	-0.053	0.016	0.018	0.083
CORLLW	-0.102	-0.057	0.048	0.037	0.055	0.008	-0.005	-0.163	-0.024	-0.006	0.183	0.048	0.085
CORLWD	0.042	0.121	-0.044	-0.078	0.169	-0.029	0.012	0.014	0.001	0.131	0.074	0.201	0.136
CORTWD	0.100	0.072	-0.050	-0.038	0.011	-0.051	0.054	0.117	0.062	0.010	0.102	0.059	0.081
LCTPFA	0.063	0.013	0.057	0.058	0.011	0.001	0.059	-0.060	0.093	0.013	0.095	0.014	0.010
INFW	0.204	0.056	0.173	0.160	-0.067	-0.060	0.069	-0.035	0.145	-0.149	-0.058	0.011	0.009
INFL	0.169	0.050	0.051	0.019	-0.021	0.021	-0.034	0.080	0.230	-0.030	0.157	-0.018	0.039
FMXLN	0.083	0.041	0.025	0.063	0.052	0.050	-0.009	-0.071	0.045	-0.063	0.017	0.044	0.009
ANXLN	0.056	-0.070	-0.011	0.103	0.111	0.038	0.039	0.073	0.221	0.106	0.255	-0.127	0.036
STMXLOL	0.068	0.214	0.100	0.065	0.176	-0.010	0.026	0.003	-0.080	0.062	0.038	0.113	0.002
VAGMOLN	0.013	0.119	0.129	-0.054	0.149	0.005	0.020	0.074	0.028	-0.004	-0.017	-0.045	-0.124
CRMWND	0.017	0.032	0.015	0.032	0.059	-0.121	0.026	0.181	0.141	-0.030	0.165	0.002	0.197
CRMWHD	0.023	-0.010	-0.056	0.070	0.119	-0.072	0.125	0.131	0.146	0.022	0.165	0.104	0.124
VANGS	0.143	0.139	-0.287	0.070	0.133	0.208	-0.130	0.213	0.071	0.426	0.269	0.007	-0.101
VANGD	-0.205	0.189	-0.235	0.143	0.346	-0.021	-0.026	0.260	0.261	0.195	0.251	0.121	0.052
SHINL	-0.002	0.077	-0.006	0.304	0.428	-0.106	-0.106	-0.013	0.107	-0.125	0.155	0.003	0.164
RWNOFHD	0.504	0.281	-0.070	0.076	0.123	0.176	-0.068	-0.127	-0.180	0.082	-0.080	-0.091	0.081
IBLWR	0.093	-0.076	0.161	-0.020	-0.203	-0.023	-0.038	0.164	0.359	0.067	-0.029	-0.045	0.115
OBLWR	-0.067	-0.166	-0.084	-0.217	-0.138	0.077	-0.001	0.053	0.098	0.220	-0.042	-0.055	-0.078
INVLWR	-0.181	-0.136	-0.075	-0.016	0.089	0.057	-0.183	-0.063	-0.090	0.086	0.141	0.009	0.016
CRLLWR	-0.106	-0.119	0.073	0.003	-0.066	0.023	-0.028	-0.176	-0.034	-0.084	0.106	-0.155	-0.003
CORLWR	0.016	-0.041	0.043	0.013	-0.019	0.006	-0.011	-0.162	-0.007	0.021	-0.024	0.009	-0.138
CORLPWR	0.010	-0.027	0.092	-0.016	-0.093	0.059	-0.046	-0.155	-0.037	-0.009	-0.064	-0.014	-0.017
DTLLBR	0.056	-0.140	0.073	-0.043	-0.131	0.035	0.009	0.055	0.179	-0.092	0.023	-0.028	0.011
TTLFLR	-0.094	-0.079	-0.041	0.012	0.111	0.013	0.125	-0.112	-0.179	-0.092	0.090	0.014	0.026
INFLWR	-0.142	-0.095	-0.167	-0.083	0.002	-0.059	-0.142	-0.011	-0.076	0.163	0.195	-0.057	0.033
LRNFRR	0.028	0.016	0.111	0.093	-0.087	0.078	-0.023	0.072	0.124	-0.068	0.035	0.045	0.051
ALFMLR	0.122	0.001	-0.029	0.075	0.070	-0.036	0.076	0.140	0.151	0.128	0.193	-0.098	0.075
LCPFOLR	0.038	0.044	-0.002	-0.048	-0.038	0.041	0.018	0.048	0.063	0.015	-0.108	0.039	-0.102

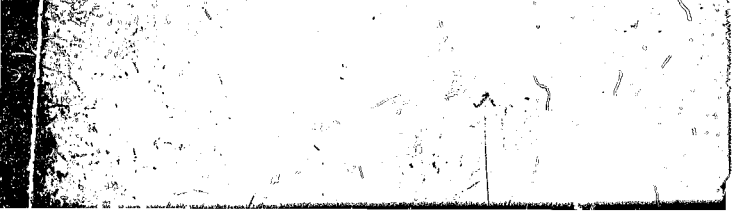




STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	INTLN	NBR	IBRL	CBRL	IBRW	OBRW	PMXL	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA
RACMLEN	0.212	0.144	0.116	0.147	0.078	0.175	0.189	0.167	0.161	-0.103	0.042	-0.100	0.063
INTNDLN	0.111	0.086	-0.006	0.123	-0.081	0.232	-0.073	0.118	0.083	-0.057	0.121	-0.072	0.013
LNWDBL	-0.072	-0.091	0.082	0.171	-0.116	0.180	-0.035	0.123	0.212	0.040	-0.044	-0.050	0.057
PMLBL	0.192	-0.082	-0.020	0.136	-0.009	0.298	0.066	0.173	0.002	0.057	0.078	-0.038	0.064
KMWDL	0.251	0.017	-0.019	-0.021	0.104	0.099	0.066	0.094	0.196	0.055	0.162	0.015	0.011
APXAN	0.076	0.174	-0.071	-0.037	-0.008	-0.052	0.218	-0.057	-0.035	0.004	-0.085	-0.051	0.001
APXPS	-0.101	-0.059	0.108	0.068	0.126	0.049	-0.148	-0.115	0.035	-0.003	0.012	0.054	0.059
BSAN	0.028	-0.004	0.268	0.136	0.126	0.188	-0.076	0.045	0.068	-0.163	0.014	0.117	-0.060
BSPS	0.031	0.082	0.380	0.291	-0.026	0.159	0.009	0.172	0.337	-0.026	0.001	0.062	0.093
BWINS	0.023	0.031	-0.031	-0.030	-0.029	-0.127	0.079	0.053	-0.053	-0.006	0.131	0.010	0.013
NSECV	-0.020	0.131	0.160	0.091	0.014	0.093	-0.155	0.239	0.018	0.103	0.074	0.102	0.099
FINBV	0.104	-0.011	-0.036	-0.030	0.069	0.029	-0.028	-0.053	0.178	-0.068	0.201	0.094	0.016
PTLLN	-0.085	0.056	0.055	0.063	-0.103	0.121	0.030	0.143	0.083	0.025	0.136	0.081	0.010
INTLN	1.000	0.199	0.198	0.225	0.838	0.219	0.194	0.197	0.117	-0.020	0.062	-0.256	0.069
NBR	0.159	1.000	0.099	0.317	0.293	0.242	0.549	0.219	0.400	0.203	0.080	0.158	0.370
IBRL	0.198	0.099	1.000	0.644	0.148	0.430	0.117	0.385	0.482	-0.009	-0.062	0.377	0.460
CBRL	0.225	0.317	0.644	1.000	0.112	0.693	0.404	0.819	0.512	0.150	-0.083	0.305	0.399
IBRW	0.838	0.293	0.148	0.112	1.000	0.119	0.282	0.277	0.220	0.058	0.152	0.424	0.177
OBRW	0.219	0.242	0.430	0.693	0.119	1.000	0.276	0.157	0.331	0.162	0.045	0.200	0.296
PMXL	0.194	0.549	0.117	0.404	0.282	0.276	1.000	0.378	0.341	0.167	0.110	0.230	0.365
LBRP	0.197	0.219	0.385	0.819	0.277	0.157	0.378	1.000	0.229	0.176	0.059	0.317	0.159
NFLOR	0.117	0.400	0.482	0.512	0.220	0.331	0.341	0.229	1.000	-0.045	-0.129	0.161	0.225
CORLLN	-0.020	0.203	0.009	0.150	0.058	0.162	0.167	0.176	-0.045	1.000	0.022	0.172	0.444
CORLWD	0.163	0.080	-0.062	-0.083	0.152	0.045	0.010	0.059	-0.129	0.022	1.000	0.289	-0.056
CORTWD	0.822	0.158	0.377	0.305	0.424	0.200	0.230	0.317	0.161	0.172	0.289	1.000	0.067
LCTPFA	0.069	0.370	0.460	0.399	0.177	0.296	0.365	0.159	0.225	0.444	-0.056	0.067	1.000
INFW	0.210	0.121	0.289	0.420	0.150	0.173	0.363	0.526	0.515	0.163	-0.092	0.096	0.519
INFL	0.218	0.514	0.721	0.950	0.409	0.367	0.539	0.382	0.509	0.295	-0.016	0.266	0.710
PMXLN	0.132	0.084	0.069	0.107	-0.080	0.112	0.163	0.035	-0.106	0.530	0.097	0.013	0.473
AMXLN	0.214	0.348	0.497	0.385	0.255	0.295	0.433	0.387	0.292	0.554	-0.078	0.230	0.559
STMXLOL	0.076	-0.060	0.042	-0.040	0.115	0.069	0.190	0.118	-0.168	0.252	0.226	-0.053	0.094
VACMXLN	0.287	-0.021	0.438	0.338	0.250	0.176	0.945	0.102	0.285	-0.061	-0.286	0.236	0.203
CRMWAD	0.219	0.110	0.414	0.478	0.199	0.217	0.290	0.390	0.099	0.277	0.275	0.199	-0.009
CRMBND	0.166	0.159	0.346	0.376	0.147	0.133	0.159	0.184	0.056	0.032	0.425	0.557	-0.102
VANGS	0.090	0.023	0.039	0.009	0.000	-0.005	0.162	0.013	-0.055	0.058	0.060	0.080	0.080
VANGB	-0.041	0.069	0.033	0.061	-0.002	-0.001	0.046	-0.030	-0.073	0.175	0.110	0.030	0.080
SHINL	0.117	-0.021	0.203	0.205	-0.121	0.161	-0.066	0.108	0.383	-0.025	-0.082	-0.056	0.019
WAWOFHD	-0.049	-0.162	-0.380	-0.419	-0.226	-0.293	-0.254	-0.141	-0.369	-0.199	0.092	-0.313	-0.306
IBLHN	0.059	0.095	0.601	0.392	0.118	0.289	0.159	0.116	0.310	0.042	0.033	0.141	0.396
OBLWR	-0.012	0.081	0.182	0.201	-0.246	-0.533	0.077	0.009	0.118	-0.008	-0.101	0.061	0.053
IRVLWR	0.153	0.258	0.076	0.170	0.163	0.234	0.098	0.075	0.094	0.266	0.093	0.118	0.091
ORLWR	-0.108	0.123	0.112	0.162	-0.090	0.107	0.298	0.109	0.033	0.816	-0.586	-0.016	0.361
CORLWR	-0.097	0.112	0.009	0.083	-0.035	0.078	0.057	-0.145	0.042	0.332	-0.238	-0.552	0.645
CORLMWR	-0.023	0.153	0.072	0.076	0.010	0.142	0.109	0.063	0.081	0.397	-0.122	-0.328	0.649
STLLBR	0.097	-0.150	0.222	0.244	-0.125	0.147	0.023	0.048	-0.331	-0.075	-0.179	0.053	0.326
TFLFLN	-0.059	-0.059	0.499	0.433	-0.347	-0.394	-0.219	-0.286	0.291	0.083	0.060	-0.211	0.011
INFLWR	-0.131	0.174	0.001	-0.024	-0.081	-0.304	0.017	0.032	-0.240	0.160	0.029	0.053	-0.065
LRWFHW	0.050	0.371	0.327	0.503	-0.254	0.338	0.476	0.250	0.425	0.248	-0.101	0.317	0.468
ALLWLR	0.004	0.138	0.250	0.118	0.197	0.072	0.148	0.282	0.268	-0.174	-0.157	0.148	-0.174
LCPFCLR	-0.037	0.135	0.158	0.182	-0.040	0.109	0.015	-0.177	0.180	-0.093	-0.072	-0.212	0.720

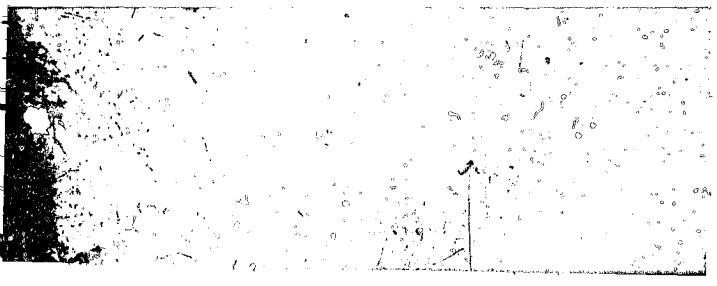


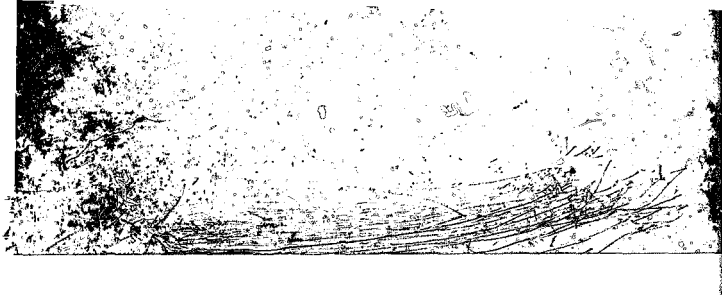


STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	INFW	INFL	FMXLN	AMXLN	STMXLOL	VACMXLN	CRMXWD	CRMNWD	VANGS	VANGB	SHINL	NNWOFHD	IBLWR
RACMLEN	0.204	0.169	-0.023	0.066	0.068	0.012	0.017	0.023	0.143	-0.205	-0.002	0.504	0.043
I NDLN	0.056	0.050	0.041	-0.030	0.216	0.119	0.032	-0.010	0.139	-0.129	0.073	0.261	-0.076
LRNORL	0.175	0.091	0.025	-0.011	-0.100	0.129	-0.015	0.056	-0.087	-0.234	0.006	-0.070	0.181
RXLNL	0.100	0.071	0.062	0.103	0.065	-0.056	0.052	0.070	0.079	0.143	0.304	0.078	-0.020
XANGL	-0.067	-0.021	0.052	0.111	0.176	-0.109	0.059	0.115	0.333	0.346	-0.488	0.183	-0.003
APXAN	0.060	0.021	0.050	0.038	-0.010	0.006	-0.121	-0.072	0.238	-0.021	-0.306	-0.176	-0.023
APXWS	0.069	-0.004	-0.063	0.033	0.086	0.070	0.072	0.123	-0.130	0.026	0.066	-0.062	-0.038
BSAN	-0.035	0.080	-0.071	0.073	0.003	0.074	0.161	0.131	0.213	0.260	-0.212	-0.137	0.348
BSPS	0.145	0.340	-0.013	0.021	-0.080	0.009	0.161	0.140	0.071	0.263	-0.507	-0.180	0.356
SVINS	-0.198	0.030	-0.063	0.106	0.382	-0.004	-0.030	0.022	0.436	0.195	-0.323	0.042	0.067
WSECW	-0.054	0.157	0.017	0.053	0.038	-0.017	0.165	0.189	0.269	0.251	0.191	0.090	0.129
PINSV	-0.011	-0.018	0.044	-0.127	0.161	-0.045	0.002	0.104	0.061	0.121	0.003	-0.091	-0.080
PTLLN	-0.009	0.039	0.110	0.106	0.025	0.124	0.197	0.184	0.101	0.055	0.364	0.081	0.139
INTLN	0.230	0.218	0.132	0.214	0.075	0.227	0.219	0.166	0.088	0.041	-0.117	-0.049	0.017
NDR	0.124	0.119	0.084	0.348	0.160	0.181	0.190	0.158	0.123	0.069	-0.021	0.162	0.269
IBRL	0.289	0.721	0.049	0.497	0.042	0.438	0.410	0.346	0.039	0.033	0.203	-0.380	0.603
OBRL	0.420	0.580	0.107	0.365	-0.040	0.332	0.278	0.176	-0.009	0.001	0.205	-0.419	0.322
IBRW	0.150	0.409	-0.007	0.255	0.315	0.250	0.499	0.367	-0.000	-0.002	-0.121	-0.226	-0.418
OBRW	0.371	0.587	0.042	0.221	0.069	0.178	0.217	0.133	0.005	-0.001	-0.161	-0.203	0.089
FMXL	0.343	0.539	0.168	0.437	0.00	0.345	0.290	0.199	0.182	0.044	-0.066	-0.254	0.110
LBRO	0.224	0.582	0.035	0.387		0.102	0.390	0.184	0.013	-0.030	0.108	-0.141	0.116
AFLOR	0.515	0.509	-0.108	0.252	0.0	0.283	0.094	0.058	-0.055	0.073	0.303	-0.097	0.310
CORLLN	0.143	0.295	0.530	0.554	0.0	-0.061	0.127	0.032	0.058	0.175	-0.065	-0.159	0.031
CORLWD	-0.062	-0.016	0.097	-0.078	0.16	-0.226	0.277	0.429	0.098	0.110	-0.082	0.092	0.177
CORTWD	0.046	0.246	0.013	0.230	0.1	0.232	-0.792	-0.557	-0.070	0.030	-0.056	-0.313	0.016
LCTRFA	0.516	0.318	0.084	0.346	0.1	0.201	0.099	0.102	0.084	0.019	-0.019	-0.086	0.291
INFW	1.000	0.569	0.275	0.468	-0.241	0.400	-0.084	-0.088	-0.044	-0.118	0.138	-0.480	0.178
INFL	0.569	1.000	0.304	0.682	-0.078	0.545	0.254	0.143	0.093	0.049	0.153	-0.453	0.353
FMXLN	0.275	0.264	1.000	0.343	0.092	0.023	-0.085	-0.188	0.042	0.110	-0.043	-0.140	0.043
AMXLN	0.468	0.682	0.343	1.000	0.139	0.273	0.217	0.063	0.080	0.186	0.018	-0.471	0.251
STMXLOL	-0.241	0.078	0.092	0.139	1.000	-0.263	0.184	0.260	0.106	0.116	-0.146	0.140	-0.219
VACMXLN	0.400	0.545	0.023	0.273	-0.263	1.000	0.116	0.021	-0.060	-0.291	0.102	-0.391	0.230
CRMXWD	-0.084	0.254	-0.085	0.217	0.184	0.116	1.000	0.602	-0.077	0.015	0.003	-0.168	-0.027
CRMNWD	-0.088	0.143	-0.188	0.063	0.260	0.021	0.602	1.000	0.083	0.090	0.031	-0.097	0.004
VANGS	-0.044	0.093	0.042	0.080	0.106	-0.060	-0.077	-0.083	1.000	0.273	-0.254	0.076	0.039
VANGB	-0.118	0.049	0.110	0.186	0.116	-0.291	0.015	0.090	0.273	1.000	-0.099	-0.049	0.065
SHINL	0.138	0.093	-0.043	-0.018	-0.146	0.102	0.003	0.026	-0.254	-0.099	1.000	-0.161	0.315
NNWOFHD	-0.480	-0.453	-0.140	-0.471	0.140	-0.391	-0.168	-0.097	0.076	-0.049	-0.161	1.000	-0.022
IBLWR	0.178	0.353	0.043	0.251	-0.219	0.230	-0.027	0.004	0.039	0.065	0.315	-0.022	1.000
OBLWR	-0.075	0.100	0.015	0.109	-0.058	0.086	0.014	0.021	0.017	0.040	-0.026	-0.052	0.346
INVLWR	-0.493	0.089	0.119	0.126	0.246	-0.227	0.002	0.005	0.044	0.209	-0.090	0.248	0.185
OBLLWR	0.109	0.231	0.362	0.480	0.077	0.064	-0.019	-0.194	-0.010	0.076	-0.009	-0.169	0.128
CORLWR	0.364	0.260	0.423	0.390	-0.003	0.035	-0.752	-0.648	0.107	0.092	0.008	0.013	0.207
CORLMWR	0.368	0.377	0.907	0.424	-0.064	0.117	-0.393	-0.741	0.052	0.059	-0.008	-0.115	0.122
STLLWR	0.493	0.317	0.080	0.228	-0.234	0.365	-0.131	-0.229	-0.017	0.094	0.151	-0.237	0.316
TFLPLR	-0.132	-0.197	0.142	-0.125	-0.133	-0.121	-0.387	-0.253	0.019	0.024	-0.102	0.252	-0.233
INFLWR	-0.084	-0.016	0.023	0.028	0.281	-0.396	0.148	0.135	0.019	0.013	-0.146	0.252	0.024
LRNFLR	-0.406	0.572	0.255	0.467	0.002	0.267	0.233	0.116	-0.010	-0.016	0.161	-0.668	0.311
ALFNLR	-0.630	0.162	-0.760	0.424	0.070	0.087	0.281	0.243	-0.007	0.005	0.036	0.017	0.071
LCPFCLR	0.397	0.339	0.158	0.050	-0.217	0.140	-0.390	-0.274	0.053	-0.073	0.009	-0.193	0.197

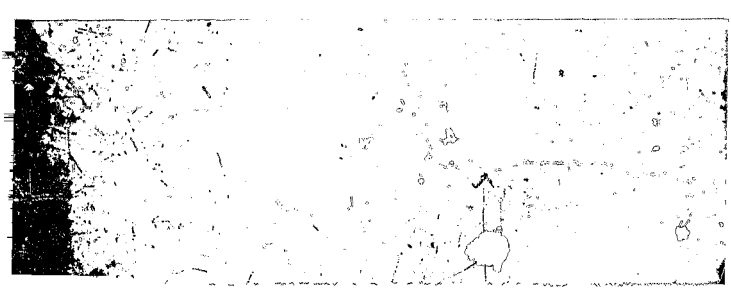


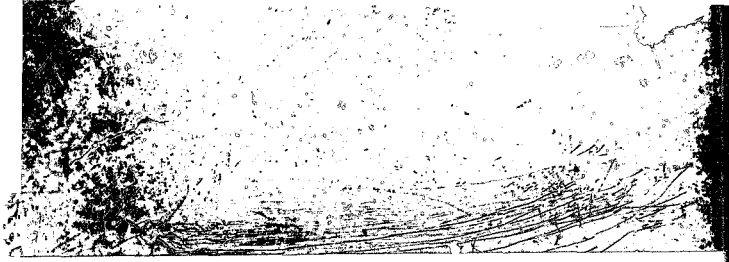


STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

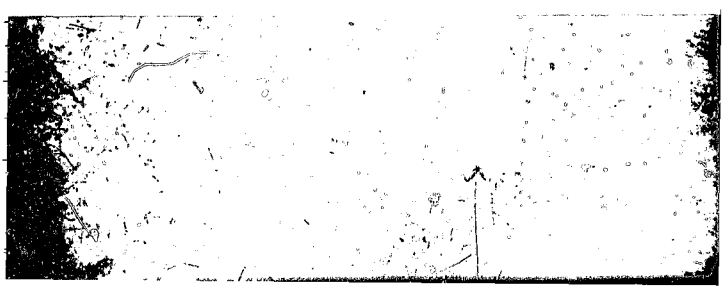
	OBLWR	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFWR	ALFWLR	LCPFCLR
RACHLEN	-0.067	-0.181	-0.106	0.016	0.010	0.056	-0.094	-0.143	-0.028	0.122	0.038
INTNDLN	-0.166	-0.136	-0.150	-0.041	-0.027	-0.105	-0.074	-0.095	0.016	0.001	0.006
LRNDRL	-0.269	-0.273	0.272	0.043	0.092	0.073	-0.051	0.167	0.111	-0.024	-0.002
MXLNL	-0.217	-0.016	0.003	0.013	-0.016	-0.043	0.012	-0.065	0.063	0.075	-0.038
MXNDL	-0.138	0.049	-0.065	-0.019	-0.093	-0.131	0.110	0.069	-0.087	0.010	0.038
APXAR	0.071	-0.057	0.023	0.098	0.059	0.035	0.017	-0.059	0.078	-0.036	0.041
APXFR	-0.001	-0.183	0.208	0.011	-0.046	0.009	-0.125	-0.192	-0.083	0.076	0.038
BSAN	0.035	-0.063	-0.176	-0.163	-0.195	0.055	-0.112	-0.011	0.073	0.140	-0.018
BSFR	0.098	0.050	-0.034	-0.057	-0.037	0.179	-0.170	-0.076	0.199	0.114	0.043
SVINS	0.220	0.086	-0.086	0.021	-0.009	-0.040	-0.092	0.183	-0.066	0.126	0.013
NSECV	-0.082	0.141	0.166	0.089	-0.064	0.023	0.090	0.196	0.034	0.123	0.100
PINSV	-0.055	0.009	-0.155	0.009	-0.074	-0.088	0.079	-0.057	0.026	-0.098	0.034
PTLLW	-0.078	0.010	-0.006	-0.134	0.077	0.011	0.026	0.033	0.051	0.075	-0.102
INTLN	-0.012	-0.153	-0.108	-0.097	-0.023	0.097	-0.069	-0.131	0.050	0.004	-0.037
NSB	0.081	0.258	0.123	0.112	0.153	0.150	-0.269	0.174	0.171	0.118	0.139
LBRL	0.142	0.076	0.112	0.004	0.072	0.222	-0.499	0.001	0.327	0.230	0.158
BBRL	0.201	0.115	0.162	0.083	0.161	0.244	-0.433	-0.226	0.503	0.178	0.182
LBRW	-0.244	-0.163	-0.040	-0.235	-0.081	-0.123	-0.347	-0.081	0.294	0.197	-0.040
BBRW	-0.533	-0.234	0.107	0.078	0.162	0.167	-0.394	-0.306	0.158	0.078	0.150
PNKL	0.077	0.098	0.096	-0.057	0.169	-0.023	-0.249	0.217	0.476	0.148	0.015
LBRP	0.009	0.075	0.109	-0.145	0.003	0.048	-0.288	0.032	0.250	0.262	-0.117
NFLOR	0.118	0.296	0.031	0.042	0.087	0.227	-0.297	-0.246	0.425	0.262	0.180
CORLLN	-0.008	0.266	0.816	0.332	0.397	-0.075	0.087	0.180	0.368	-0.174	-0.093
CORLWD	-0.101	0.003	-0.206	-0.238	0.332	-0.179	0.075	0.029	-0.101	-0.172	-0.072
CORTWD	0.061	-0.038	-0.014	-0.552	-0.324	0.053	-0.233	0.053	0.317	0.148	-0.218
LCTPFA	0.053	0.091	0.181	0.041	0.049	0.326	-0.031	-0.082	0.448	-0.174	0.720
INFW	-0.075	-0.453	0.109	0.368	0.368	0.493	-0.132	-0.684	0.305	-0.030	0.397
INFL	0.100	0.689	0.231	0.260	0.377	0.317	-0.197	-0.914	0.572	0.118	0.339
FNKLN	0.015	0.119	0.362	0.422	0.507	0.080	0.162	-0.023	0.255	-0.760	0.158
ANGLL	0.109	0.120	0.580	0.290	0.324	0.228	-0.125	0.023	0.407	0.050	0.050
STMKLOL	-0.058	0.246	0.077	-0.006	-0.064	-0.834	-0.133	0.283	0.002	0.070	-0.217
VACWLW	0.086	-0.357	0.069	0.015	0.117	0.365	-0.121	-0.362	0.267	0.087	0.140
CRRKWD	0.016	0.003	-0.069	-0.752	-0.393	-0.131	-0.327	0.146	0.233	0.281	-0.390
CRKNWD	0.021	0.009	0.196	-0.741	-0.229	-0.253	0.135	0.193	0.253	0.201	-0.274
VANGS	0.017	0.044	-0.010	0.107	0.052	-0.037	0.079	0.039	-0.010	-0.007	0.033
VANGL	0.045	0.298	0.072	0.196	0.059	-0.094	0.024	0.211	-0.016	0.006	0.123
BRIML	0.026	0.090	-0.009	0.002	-0.008	0.151	-0.182	-0.142	0.161	0.036	0.009
NARGTHD	-0.052	0.248	-0.169	-0.073	-0.113	-0.837	0.260	0.359	-0.688	0.017	-0.193
IBLWR	0.346	0.185	0.128	0.083	0.122	0.316	-0.233	0.024	0.311	0.071	0.127
OBLWR	1.000	0.202	0.062	0.015	-0.002	0.015	0.063	0.268	0.102	-0.013	0.005
INVLWR	0.202	1.000	0.225	0.080	0.091	-0.251	0.149	0.779	-0.096	-0.009	-0.104
CRLLWR	0.062	0.225	1.000	0.399	0.496	0.030	0.035	0.151	0.340	-0.049	-0.063
CORLWR	0.015	0.080	0.399	1.000	0.711	0.215	0.178	-0.135	0.135	-0.293	0.232
CORLMWR	-0.002	0.091	0.496	0.711	1.000	0.302	0.115	-0.109	0.211	-0.253	0.418
STLLBR	0.015	-0.253	0.030	0.215	0.302	1.000	0.073	-0.316	0.200	-0.008	0.377
TFLPLR	0.063	0.149	0.035	0.172	0.115	0.073	1.000	0.234	-0.179	-0.284	0.123
INFLWR	0.268	0.779	0.151	-0.135	-0.109	-0.316	0.234	1.000	-0.079	0.096	-0.236
LRNFWR	0.102	-0.096	0.340	0.135	0.211	0.200	-0.179	-0.079	1.000	0.041	0.176
ALFWLR	-0.013	-0.009	0.049	-0.293	-0.253	-0.008	-0.284	0.096	0.041	1.000	-0.236
LCPFCLR	0.005	-0.104	-0.063	0.532	0.418	0.377	0.123	-0.236	0.176	-0.234	1.000





STEPWISE SELECTION: SUMMARY

STEP	VARIABLE ENTERED	REMOVED	NUMBER IN	PARTIAL R**2	F STATISTIC	PROB > F	WILKS' LAMBDA	PROB < LAMBDA	AVERAGE SQUARED CANONICAL CORRELATION	PROB > ASCC
1	NBR		1	0.7373	378.918	0.0001	0.26268792	0.0001	0.73731208	0.0001
2	NWRDFHD		2	0.7843	93.229	0.0001	0.18807187	0.0001	0.81198853	0.0001
3	TMLN		3	0.0926	12.536	0.0003	0.17084418	0.0001	0.82915599	0.0001
4	TFLPLR		4	0.0872	12.609	0.0005	0.15576533	0.0001	0.84423587	0.0001
5	LRNFHR		5	0.0558	7.740	0.0062	0.14707605	0.0001	0.85292395	0.0001
6	NFLDR		6	0.0495	6.776	0.0103	0.13978956	0.0001	0.86021044	0.0001
7	SHINL		7	0.0501	6.799	0.0102	0.13279038	0.0001	0.86720962	0.0001
8	INTLN		8	0.0629	8.593	0.0040	0.12443633	0.0001	0.87556367	0.0001
9	APKAN		9	0.0404	5.367	0.0224	0.11940886	0.0001	0.88059114	0.0001
10	RACMLEN		10	0.0346	4.509	0.0357	0.11528306	0.0001	0.88471694	0.0001
11	VACMXLN		11	0.0380	4.932	0.0282	0.11090700	0.0001	0.88909300	0.0001
12	TBLNR		12	0.0354	4.593	0.0348	0.10697922	0.0001	0.89302078	0.0001
13	LCPFCLR		13	0.0350	4.456	0.0368	0.10323931	0.0001	0.89676069	0.0001
14		TFLPLR	12	0.0069	0.856	0.3579	0.10395408	0.0001	0.89604592	0.0001
15	BSPS		13	0.0275	3.475	0.0647	0.10109752	0.0001	0.89890248	0.0001
16	OBRL		14	0.0276	3.458	0.0654	0.09831096	0.0001	0.90168904	0.0001
17	LRWDRL		15	0.0228	2.828	0.0952	0.09606501	0.0001	0.90393499	0.0001
18		SHINL	14	0.0038	0.411	0.5225	0.09639164	0.0001	0.90360836	0.0001
19	LBRP		15	0.0229	2.833	0.0949	0.09418646	0.0001	0.90581354	0.0001
20	SVINS		16	0.0208	2.546	0.1132	0.09222995	0.0001	0.90777005	0.0001



APPENDIX IVA

Summary of Canonical Discriminant Analysis
for 150 Female OTUs

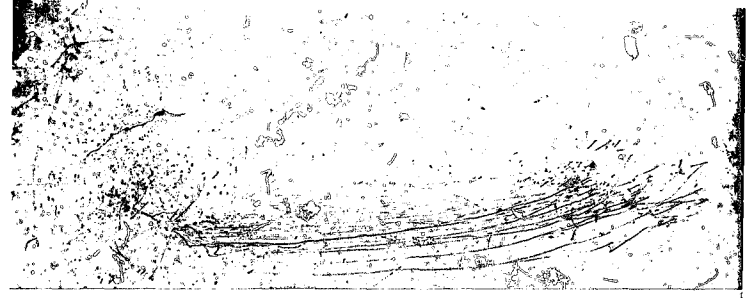
Key:

uniflora = GROUP 1

discolor = GROUP 2

transvaa = GROUP 3

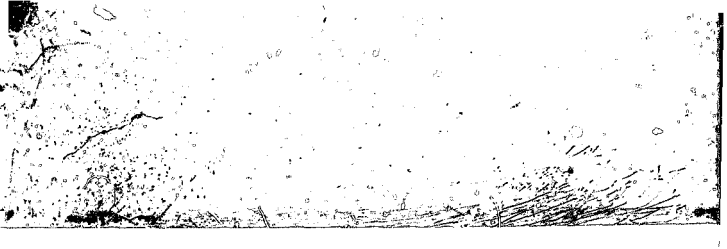
(See main text for more details)



CANONICAL DISCRIMINANT ANALYSIS

150 OBSERVATIONS		149 DF TOTAL	
48 VARIABLES		147 DF WITHIN CLASSES	
3 CLASSES		2 DF BETWEEN CLASSES	
SPECIES	FREQUENCY	WEIGHT	PROPORTION
DISCOLOR	106	104	0.423333
TRANSVAA	28	28	0.186667
UNIFLORA	18	18	0.120000





CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	RACHLEN	INTNDLN	NBR	IBRN	GNRN	INNOM	PNKL	LBRP	INFL	INFV	VANGS	VANGB
RACHLEN	149	92.8278	-5.04002	8.91934	2.34771	3.96822	8.59792	-2.28197	1.9155	7.91357	5.96382	-7.11438
INTNDLN	92.8278	109	9.53902	20.6798	8.71605	11.3727	-3.53512	1.07303	1.50133	1.95839	11.9809	-4.15034
NBR	-5.04002	9.53902	149	51.1195	89.6049	120.921	89.6883	75.6772	129.655	109.684	22.4023	54.4019
IBRN	8.91934	20.6798	51.1192	109	73.2906	85.4309	30.0345	34.6206	58.6623	54.2332	5.82692	6.18534
GNRN	2.34771	8.71605	89.2849	73.2906	149	114.856	83.6565	74.9323	105.12	82.1804	0.1950095	27.0172
INNOM	3.96822	11.3727	120.391	85.4309	114.856	149	86.9529	82.6772	132.698	123.578	12.2297	41.4284
PNKL	8.59792	-3.53512	89.6883	30.0345	83.6565	86.9529	149	89.5961	99.2295	89.8824	-1.82015	26.3647
LBRP	-2.28197	1.07303	75.8773	34.6206	74.9593	82.6779	89.5961	149	88.0597	72.6239	8.23594	21.3553
INFL	1.9155	1.50133	129.965	58.6623	105.12	132.698	99.2295	88.0597	149	124.764	9.72362	47.602
INFV	7.91357	1.95839	109.824	54.2332	82.1804	123.578	89.8824	72.6239	124.787	149	4.88508	33.0469
VANGS	5.96382	11.9809	22.4023	5.82692	0.1950095	12.2297	-1.82015	8.23594	9.72362	4.88508	149	45.1934
VANGB	-7.11438	-4.15034	54.4019	6.18534	27.0172	41.4284	26.3647	21.3553	47.602	33.0469	45.1934	149
SNLNL	-4.12364	-13.2327	-14.4767	0.906855	-17.4199	-27.2901	-26.5914	-14.0095	-24.6908	-12.352	1.71995	-21.5782
LENGRL	-13.6076	-26.5693	-49.3785	-27.6787	-40.4754	-56.7619	-38.7503	-32.0546	-52.914	-36.7188	-13.2976	-47.1468
WNGRL	-9.1881	-11.1326	-70.8348	-25.4994	-45.3099	-72.0729	-67.0273	-55.9019	-75.05	-70.8806	-1.386761	-24.1222
WNGBL	28.4367	17.7305	-29.6192	-1.67551	-14.9828	-13.5061	-26.439	-20.7726	-21.9884	-17.4386	12.7937	22.3449
APXAN	0.6972908	17.4082	37.1303	30.2039	23.2162	43.308	30.6661	22.8776	41.3961	38.276	11.7783	26.9154
ANGPB	1.78083	-3.3128	-28.4781	-22.5967	-19.8175	-41.3918	-31.5345	-22.6065	-41.2779	-31.7766	6.34605	-7.2218
BBAN	9.12101	15.6077	49.9549	24.7911	45.8274	63.2607	37.3949	41.0526	61.1862	56.784	25.3909	55.7043
BBAR	7.38049	9.92356	44.3083	19.4512	38.0612	51.793	37.1309	40.8303	58.3013	45.9918	33.4847	55.6999
SVLNS	6.58399	6.994301	10.5473	-2.81209	4.77901	13.7496	9.29866	4.34669	11.5939	18.8108	46.1319	32.4012
NECCV	0.02096	-0.291002	-34.3599	-27.8266	-46.53	-51.2382	-39.1397	-43.9584	-45.3884	-42.0719	18.1163	16.578
PINSV	26.547	35.8784	-35.1184	-4.82668	-29.3074	-34.5094	-28.6415	-31.687	-42.262	-42.7829	14.2135	-18.2185
PILLN	17.2895	9.09209	36.8811	11.1618	31.5988	26.0805	13.6761	12.7612	40.1737	30.1697	-7.61299	-13.9606
INTLN	23.1319	18.2522	-5.00111	8.38793	-4.85963	5.34414	-7.35867	12.5402	-3.85635	1.31953	-6.07405	-11.0645
MTLNR	1.46359	8.89015	105.939	57.0874	102.1958	131.677	84.8008	77.4001	116.588	114.77	3.4021	37.3986
CGNLLN	7.39532	16.348	52.2698	9.66572	11.454	31.7732	28.5076	21.8961	57.5345	46.0557	0.5982719	14.4056
CGNLWD	-21.3914	-11.8802	21.4419	29.2706	23.7812	20.9955	27.6007	7.7426	86.1261	34.4884	-6.56916	5.348
CORTWD	3.86673	-2.568	7.95578	15.9945	11.7276	10.1826	6.51215	-25.6065	19.7999	12.928	-25.9841	-8.69277
STRWLDL	8.39156	-31.5093	66.1783	34.876	32.481	57.4775	55.2396	30.6355	61.8735	51.4654	15.912	14.7317
STBLN	-2.08381	-8.10912	96.8442	44.7296	84.9039	103.093	77.6636	71.1781	116.38	98.5719	7.1998	46.993
STF_S	22.664	22.5202	50.1628	33.5899	39.8797	56.8949	37.7221	44.2293	60.1038	48.7038	- 873191	- 358041
ADHALN	15.1851	6.1145	68.148	17.0115	50.5537	73.6696	58.3713	49.4382	101.593	95.7095	0.1999993	16.6163
ACKWWD	-1.54787	-23.6559	18.2151	30.6023	26.8068	22.6826	11.5075	-1.50215	33.9677	28.0613	-6.69299	15.151
MVPAC	-19.0814	5.58219	94.3402	62.3387	87.7765	78.8958	73.0975	68.7899	88.7899	80.6065	0.7711259	20.5906
CRWDWD	16.2661	35.5559	33.3143	64.47	33.1138	53.4099	17.19	-1.110236	42.1371	49.0014	11.9908	-6.63034
CRWNWD	-7.74102	-4.72617	-12.4094	13.4861	-13.4319	-13.9783	-11.4263	-15.1266	-40.8051	-27.1	6.8365	-17.3701
RWNGFWD	64.5339	19.9119	-95.7747	-66.9132	-97.6158	-114.955	-77.0478	-66.2982	-104.68	-88.7343	-3.03947	-40.8602
IBLWR	-11.5545	-1.71104	108.747	-16.728	76.9852	96.3327	82.0444	81.6019	118.236	91.8309	0.8983977	46.0971
OBLWR	-12.1971	-9.11941	56.5901	-23.6181	-5.10007	38.0632	32.3571	51.1584	58.6178	50.5664	7.0486	28.6351
INVLWR	-17.1735	-20.6139	35.8165	-38.6068	-23.5744	-30.1889	23.142	28.7904	34.0796	-9.85827	0.13332	65.068
ORLLWR	19.3452	24.7552	40.8886	-5.89779	-1.95798	31.8835	12.0835	18.3076	44.4214	30.0875	4.28779	12.0437
ACLWR	17.2286	-1.77966	61.6687	1.66036	40.2968	46.0805	57.7073	54.4128	91.6612	86.9268	3.86747	7.132
CORLWR	-8.16088	0.3848291	120.352	41.989	101.266	118.706	89.3723	95.1991	132.813	105.152	1.37091	46.4666
STLLNR	-7.52992	-19.7774	92.2958	38.6182	95.6159	103.103	79.6048	80.7937	114.431	97.0969	-7.45813	33.3955
TPLPLR	25.9433	-11.6342	-99.6325	-55.1027	-84.1522	-100.212	-67.5684	-73.8414	-93.5066	-76.9257	-4.462282	-42.1747
INFLWR	-15.6282	4.55736	68.29	12.5078	55.9067	69.2102	43.5896	52.5899	89.6537	73.1311	6.317705	23.1327
LBNFWR	-19.6344	19.57787	104.684	55.8008	101.674	122.472	96.9335	72.3576	116.602	90.8876	9.5809	42.9127

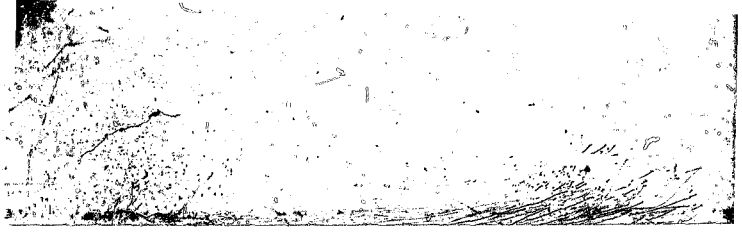




CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	SHINL	LNWDRL	MXLNL	MXWDL	APKAN	APXPS	BSAN	BSPS	SVINS	HSECV	PINSV	PTLLN
RAGNLEN	-.412369	-12.6076	19.1881	28.4397	0.697308	1.78083	9.12181	7.38619	6.58399	4.03096	26.947	17.2895
INTNDLN	-12.8397	-28.6043	11.1206	37.7993	17.9082	-5.2128	15.0877	9.92332	6.94301	-.9411002	23.9784	7.89994
NBR	-18.9747	-45.3785	-70.8398	-84.6192	47.1303	-38.4721	49.9549	44.3083	18.9473	-34.3498	-55.1164	36.6917
IBRW	0.906855	-27.6787	-25.9994	-1.67953	30.8039	-22.5987	24.7911	19.6912	-2.81249	-27.8266	-41.82666	11.1618
OBRW	-17.4394	-40.6734	-55.3099	-14.9828	23.2368	-19.8175	45.8274	38.0612	N.77901	-46.63	-29.3074	31.9088
INWRW	-27.2001	-58.7619	-73.7799	-13.5047	43.308	-31.3919	63.2607	51.793	13.7466	-38.2382	-34.5099	26.0029
PNXL	-26.5934	-38.7503	-67.0873	-26.439	30.5661	-33.5345	37.3949	37.1309	9.29869	-39.3397	-26.6419	33.6741
LBRP	-16.0099	-38.0945	-55.9019	-20.7726	22.8774	-22.6065	41.4536	40.8303	4.34669	-23.9788	-11.627	12.7612
INFL	-24.6968	-52.914	-75.45	-21.9884	41.3981	-41.2719	61.1868	48.3013	11.5939	-45.3883	-43.292	40.1737
INFW	-33.352	-68.7128	-95.0909	-17.9386	56.276	-38.3766	56.7841	49.9103	18.8106	-42.0719	-42.7224	30.1687
VANGS	1.11986	-13.2976	-.386761	12.5937	11.7722	6.346095	25.3909	35.9687	46.1212	16.1463	16.2139	-7.61289
VANGS	-21.5782	-41.8168	-24.1322	-22.3346	26.9154	-21.218	55.7043	55.6989	32.4012	16.578	-19.2185	-13.0494
SHINL	749	116.733	51.0727	-68.5476	53.2768	-8.892946	-67.9679	26.6723	-35.2611	21.7736	0.4990895	0.117076
LNWDRL	116.733	749	73.8287	-78.1859	72.4598	14.5335	-90.9899	-23.2791	17.1448	30.8932	3.16119	2.81155
MXLNL	51.0727	73.8287	749	71.9115	-61.8985	83.8051	-31.7699	-1.78682	-26.0827	51.7228	40.7569	-25.167
MXWDL	-68.5476	-78.1859	71.0315	749	16.6182	26.9421	63.0762	16.8465	10.3201	39.5225	33.4437	23.7209
APKAN	53.2768	-72.4598	-61.8765	16.6182	749	-68.3134	31.7986	1.6163	27.2692	-24.5118	6.71805	-2.91314
APXPS	-8.892946	14.5335	83.8051	26.9421	-68.3134	749	-11.0836	-12.7537	2.81102	20.7979	4.89689	-.9447983
BSAN	-67.9679	-90.9899	-31.7699	63.0762	31.7986	-11.0836	749	65.4737	34.7956	-9.26216	-9.12676	-2.99955
BSPS	26.6723	-23.7941	-1.78682	16.8465	1.6163	-12.7537	65.4737	749	9.92193	12.9017	-10.0877	-11.7201
SVINS	-35.2611	-17.1448	-26.0827	10.3201	27.2692	2.81102	34.7956	9.92193	749	31.408	-20.1655	-16.9273
HSECV	21.7736	30.8932	71.1224	39.5225	-24.5118	20.7979	-9.26126	12.9017	31.408	749	-11.86	14.3485
PINSV	0.4990895	3.16119	40.7569	33.4437	6.71805	4.89689	-9.12676	-10.0877	-20.1655	-11.86	749	-4.16219
PTLLN	0.117076	2.81155	25.167	23.7209	-2.91314	-.9447983	-2.99955	-11.7201	-16.9273	14.3485	-4.16219	749
INFLN	-13.8338	-6.20992	80.7977	41.4923	1.47837	12.1952	10.9706	5.94097	8.4732	8.345435	18.2358	-2.684768
NFLOR	-29.393	-49.9033	-61.3067	-14.8333	27.1777	-31.0634	61.8131	56.6172	12.113	-46.589	-34.7199	19.0296
CORLLN	-31.1346	-45.1859	-22.1067	16.7007	30.2177	-10.0989	40.8206	19.2758	20.3258	2.61755	-4.694182	25.0227
CORLWD	-15.7994	-22.6803	-19.5656	4.212224	21.3895	-13.0496	25.3857	20.9287	-9.142	3.02537	-9.02131	-2.67515
CRNTWD	-8.07952	-18.9282	-.850198	12.9296	3.66843	-12.26	15.42	16.3317	-17.8196	-9.24866	0.4655114	20.0128
STMXLOL	-24.353	-33.6815	-.4007	6.5892	14.8283	-11.2801	13.1766	-5.43631	14.2572	12.4316	-3.444432	12.7743
STBLN	-30.6011	-50.9831	-65.1106	-16.841	46.2692	-37.982	48.6899	26.3179	15.9536	-40.8785	-28.3088	32.6412
STBWD	-4.07626	-20.6083	-15.5088	19.6168	-16.45	19.9612	23.7406	-6.55821	-11.199	9.62888	16.4321
ACMXLN	0.1567287	-18.1369	-42.9938	-24.7653	9.66661	-16.0787	34.7955	39.0604	-2.80142	-22.599	-50.1568	26.6436
ACMXWD	25.7515	11.8931	-7.12743	-12.2881	2.08574	-22.8789	10.8769	12.0075	-10.1788	10.0779	-21.4548	10.0836
NVPAC	-37.498	-51.1634	-65.4812	-9.7477	49.0336	-34.9806	31.2029	5.74976	8.38577	-45.1396	-21.324	25.4739
CRNWND	-9.09758	-21.8168	-19.2	15.6992	16.1073	-16.1384	30.9978	11.0081	-15.3643	12.1744	6.0822	-6.688267
CRMNWD	5.13537	-3.8635	17.99	17.1563	8.76632	0.9038449	7.7611	17.2379	-7.3069	10.1878	24.9486	-19.0566
NWNSPND	31.0312	49.7933	76.9998	23.559	-48.2564	36.8966	-45.6959	34.0001	1.82967	53.6969	29.4558	-12.4999
1BLWR	-31.373	-45.9767	-68.2566	-20.2596	33.4087	-34.4512	36.4003	38.9313	.7775	-33.6991	-33.5138	36.2114
OBLWR	-25.4686	-35.181	-34.9592	-9.37248	0.617556	-4.25672	27.6702	27.1792	1.98315	-18.1091	-26.4913	13.8209
INVLWR	-2.31283	4.56468	-2.26083	-6.85583	3.36838	-1.31054	0.9021186	-8.8882	0.0646	30.9058	-17.0.386	36.0879
CRLLWR	-26.3739	-33.3631	-11.786	14.3345	17.1608	-1.80373	26.9107	6.15674	27.7077	6.80118	-28.2417	27.3165
ACLWR	-12.2935	-28.5436	-46.3428	-22.6069	9.41275	-6.6008	30.1925	35.9619	2.8706	31.9035	-42.8704	36.3676
CORLWR	-35.5286	-55.7189	-55.0901	-10.8658	44.178	-34.1388	50.6043	39.5859	12.0435	-41.3926	-36.9662	38.5913
STLLGR	-21.5258	-47.1309	-76.9787	-23.0307	43.6051	-42.6281	57.1803	46.3669	-1.87331	-50.6695	-37.0679	34.5521
TFLPLR	34.9632	53.3316	57.0995	4.20752	-34.7367	46.1361	-46.1886	-25.9594	-10.9889	33.0645	16.7675	-35.2486
INFLWR	-16.2786	-32.1	-8.40198	24.85127	-1.11605	16.4318	-1.82235	-7.36977	10.8199	0.1.0.0.0	24.9958	19.212
LRNFNR	-37.7954	-59.2451	-74.0656	-11.1205	45.4506	-37.1528	59.3304	41.8948	17.6568	-49.5384	-25.7228	17.2939

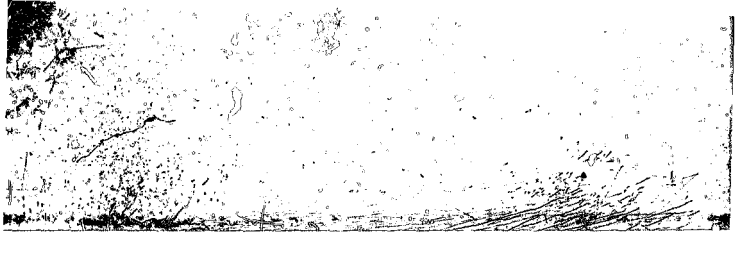


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLDL	STBLN	STBWD	ACMXLN	ACMXWD	AVPAC	CRMWHD
RACMLEN	23.3315	1.48359	7.39538	-21.3914	3.86675	8.39356	-2.08381	22.664	15.8261	-1.54787	-19.0216	16.2641
INTWDLN	14.2922	8.82019	10.306	-11.8802	-2.568	31.5895	-8.10912	22.926C	-12.8562	-23.6559	5.35979	33.5559
NBR	-5.00811	109.934	52.8898	21.3979	7.55578	65.1783	96.6942	50.1162	64.48	14.2151	82.054	33.3163
LSRN	8.38793	57.3874	9.66579	24.2768	12.9015	34.8716	64.7286	53.9899	17.0119	30.6023	36.3402	45.97
CORN	-4.85923	102.158	11.454	33.7833	11.7276	32.981	64.9539	29.8797	50.5581	26.8066	82.2887	33.1136
INMXW	3.34414	131.677	11.7732	30.9925	10.1826	57.6773	103.045	43.6825	78.6998	22.8894	87.7765	53.4099
MXCL	-7.79607	69.4008	20.9078	27.6657	8.57219	33.2396	77.6536	26.2949	58.2113	11.8729	70.8585	11.719
LNRP	12.5902	77.0101	21.8941	7.7438	-22.6065	30.6395	71.1721	17.7273	49.8322	-1.90218	73.0975	-.1102316
INTL	-3.35835	16.928	27.5343	26.1161	19.0229	62.6733	116.56	44.2283	101.593	33.9677	86.7859	62.1371
INTW	1.13953	114.777	46.0597	30.4808	12.928	51.1654	98.5719	49.1038	95.7985	29.0813	80.8065	49.0014
VARNSP	-4.07405	3.3287	-0.345259	-9.56716	-25.3841	7.1998	-.8713391	8.199993	-6.879299	1.0997	11.9008	11.7089
VANGB	-11.0645	37.5588	-14.7055	5.448	-8.69277	14.7317	46.993	-.2520911	16.6163	15.751	20.5506	-6.63034
BNINL	-13.8338	-35.1993	-33.1396	-15.7996	-6.07922	-24.953	-30.6011	-4.07604	0.156217	23.7515	-37.1948	-5.09798
LNWDRL	-8.20992	-49.1033	-36.1259	-22.6803	-12.9345	-33.6815	-50.6811	-22.6263	-16.3369	11.8951	-51.1638	-31.0361
KKLNL	28.9777	-49.3693	-22.8067	-19.5936	-.1603266	-29.898	-65.1184	-23.7305	-40.9938	-1.72743	-65.4012	19.7956
KKWDL	41.6923	-18.4333	14.7047	4.21224	12.9296	6.9299	-16.841	1.29438	-24.7953	-12.2881	-9.7477	12.8992
APKAN	1.47017	27.1777	10.2321	21.3895	7.86381	21.8243	46.2652	15.6168	9.66681	2.08274	36.0336	16.1073
APKPS	12.2852	-31.0634	-10.0529	-13.0196	-12.0057	-11.2601	-37.982	-16.16	-16.0787	-22.8985	-54.9406	-16.1348
BSAN	10.9756	61.8331	42.8241	25.3857	15.53	15.1765	46.4899	19.9812	31.7955	10.8762	53.0029	30.9772
BSPS	5.54097	56.6172	19.2788	20.9287	16.167	-8.53631	26.3179	23.7406	39.0609	12.0075	3.79976	11.7084
SVINS	2.04732	16	20.4258	9.142	17.6168	14.0679	15.9536	-6.2589	-2.80158	-10.3726	13.3857	1.68811
MSCCV	8.42409	-46.399	3.61725	-3.09136	-9.59886	-12.4318	-40.8165	-20.1159	-25.599	10.0775	-45.1254	-15.2643
PINSV	12.2358	-34.7199	-4.05432	-8.02131	0.4053116	-0.449432	-28.3886	9.22068	-20.1568	-21.0508	-21.389	12.5144
FTLLN	-2.64768	19.0896	22.0227	-2.65215	20.6182	22.9743	32.6912	16.4321	20.6438	8.0836	25.4739	14.8867
INTLN	149	-1.68513	10.7569	-16.1768	-10.2299	-9.06711	3.49003	3.11372	3.50993	-17.998	-0.142B9	9.61892
NFLOR	-1.68513	149	24.4612	9.84125	5.66845	32.0909	61.164	29.5207	60.0687	21.9592	71.1496	30.8924
CORLLN	10.7569	24.4612	149	53.5269	53.2361	50.9116	42.6301	30.8483	37.9203	26.054	29.5254	38.8583
CORLWD	-16.1768	9.84125	53.5269		79.9692	15.8581	8.54888	29.0269	19.9518	38.8027	18.3188	69.2117
CORTWD	-10.2299	5.66845	53.2361	79.5269	149	13.4692	27.908	51.0225	23.7103	50.4252	13.7966	45.6606
STMXLDL	-9.06711	32.0909	50.9116	15.8581	13.4692	149	57.818	51.6035	21.9488	13.6965	46.4879	47.0886
STBLN	3.49003	61.164	42.6301	8.54888	27.902	57.818	149	34.2789	79.8135	30.9634	81.6711	39.0386
STBWD	3.11372	29.4907	30.6042	29.0269	51.0225	51.6035	34.2789	149	26.8453	21.7519	40.498	76.8826
ACMXLN	3.50993	60.0687	37.9283	19.9518	23.7102	21.9288	79.8135	26.8435	149	63.686	30.7739	26.627
ACMXWD	-17.998	21.9592	26.054	38.803	50.4252	13.6965	30.9634	21.7519	63.686	149	15.4841	44.9709
AVPAC	-0.14289	71.0196	29.5854	38.3128	13.7966	46.4879	81.6711	40.498	30.7739	15.3841	149	47.2641
CRMWHD	9.61893	30.8926	38.8583	69.2117	45.6606	47.0886	39.0386	76.8826	26.627	44.9709	47.2641	149
CRMNHD	29.8006	-15.7116	9.4628	36.4033	31.0654	-11.1853	34.9611	-25.7613	29.2794	6.02923	64.1888	64.1888
NWRDFHD	13.3369	-101.128	-21.917	-26.3053	-5.74911	-43.1403	-82.7312	-24.0966	-42.0868	-2.2756	-85.6523	433.547
IBLWR	-8.77951	99.704	51.3489	9.75098	4.11603	48.8573	92.6116	23.2296	69.4167	1.0486	70.2101	41.9876
OBLWR	3.38461	49.0867	31.5238	.0032156	2.82336	28.657	58.6151	4.65575	37.4882	-20.4617	37.1143	-12.3209
INVLWR	17.39953	-28.2888	10.3225	-3.60521	-1.62504	19.4251	17.4955	-12.0457	15.7199	-4.10968	11.1914	-34.1254
CRLLWR	20.5156	21.1419	122.268	-36.1084	10.3584	43.7769	39.3575	8.34631	25.7372	-8.765	7.86326	2.39559
ACLWR	13.3497	65.5256	86.1922	-3.90138	-1.26341	15.133	70.1632	19.5883	199.34	-9.70056	30.4237	8.45349
CORLWR	1.20577	113.37	45.7052	4.90933	6.03327	56.9596	109.479	82.7964	69.7096	4.3078	85.3406	.0343709
STLLWR	3.1566	105.86	57.7317	21.199	10.6126	-82.9901	90.5151	34.779	75.2857	15.9239	73.7768	17.3984
TFLFLR	4.90874	-88.5225	-36.9938	-10.7636	8.95902	-56.7135	-73.6736	-20.05	-1.15109	21.6839	-88.9575	-20.1781
INLWR	-1.5165	-5.0556	15.0098	-11.8188	3.71832	24.2387	21.0119	-14.3538	-2.37981	-1.367164	9.36967	-18.3608
LRWFHR	-4.7077	106.838	93.8584	27.6849	15.0239	50.8296	90.9076	36.5034	58.817	12.1186	91.0066	49.2872





CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

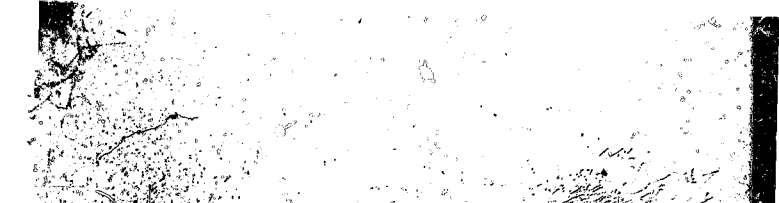
VARIABLE	CRMWND	MWNDFND	TBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RADNLEM	-7.74103	64.5339	-11.5545	-12.1971	-17.1735	19.3452	17.2286	-8.16088	-7.52902	25.9431	-12.6082	-19.6194
INTNDLN	9.71411	19.9119	-1.71605	-9.11961	-20.6139	24.7552	-1.77966	0.884241	-19.7774	-11.2142	4.55756	9.77727
NNR	-11.6044	-25.1707	1.98.757	56.3501	35.2165	62.4584	61.6687	120.152	62.2958	-99.8525	29.26	114.684
OBRW	13.6861	-56.9132	-16.778	-23.6183	-58.6062	-5.89179	1.66636	61.989	38.8102	-55.1087	5.30788	65.8008
OBRH	-13.4319	-97.6158	78.9853	-5.10007	-25.5704	-1.95799	40.2965	101.365	59.6187	-86.1582	25.9987	101.676
INWXW	-3.03782	-114.985	26.3171	38.0638	-30.1889	31.8835	66.0892	118.706	103.103	-130.352	1.04399	123.672
PNXL	-11.4261	-77.0978	80.2484	52.3571	23.162	12.0835	57.7073	89.3723	79.6048	-67.5484	1.38996	96.9339
LNPL	-15.1858	-96.2582	99.8819	51.1584	22.7904	18.4874	54.4184	95.1991	80.7927	-73.8414	22.5865	92.1676
INFL	-10.8053	-109.68	118.236	58.6178	34.0792	48.4218	91.6412	132.813	114.431	-93.9066	29.8537	116.802
INFW	-10.1358	-86.7313	91.8309	50.5668	-9.82837	30.0873	68.9368	105.352	97.0509	-76.9254	21.5213	96.6876
VAHGS	-5.8364	-3.06347	0.692397	7.8482	0.13332	4.85779	3.86347	1.37051	-7.45843	-4.48822	6.31704	9.6209
VAHGN	-6.82701	-46.8608	46.0971	28.6351	25.008	12.0817	7.132	46.4966	33.5925	-42.1747	2.33712	42.5127
SHINL	9.13537	31.8312	-31.373	-25.4688	-2.31283	-24.3739	-12.8935	-35.6854	-21.5358	30.9852	16.2789	-37.7954
LNWDRL	-2.8445	90.7533	-85.9161	-25.121	-8.59468	-23.3681	-22.5936	-55.1189	-47.1309	53.1316	12.9533	-57.0451
NKLNL	17.99	76.9998	-68.2546	-34.0628	-2.26083	-11.725	-16.5348	-76.6581	-72.4787	57.0995	8.638911	-74.0656
NKNDL	17.1963	83.959	-70.2596	-9.17246	-6.85583	11.5382	22.6069	-19.8608	-5.81107	64.2752	-4.82127	-17.1805
APXAN	4.74632	-48.5366	33.6081	0.617558	3.35434	17.1048	9.41875	44.178	33.6051	-44.7397	-13.3666	45.9406
APXPS	0.9038909	-36.2904	26.1518	-4.05978	-1.61026	-2.84373	-4.6008	-44.2188	-42.6281	46.1362	-3.87287	45.1528
BSAN	7.7611	-65.6995	56.6003	27.8702	0.9027146	26.9107	30.1925	54.6063	57.483	-46.1884	-1.82255	59.3306
BSPR	17.2511	-94.0007	58.9913	27.1792	-8.8866	61.5674	55.2919	89.6599	88.3697	-75.5914	-1.26527	91.0908
SVINS	11.3069	-86.6967	73.1775	1.80315	4.05015	27.7277	5.7298	14.4335	1.01331	-10.9889	-10.6199	14.6568
ASCCV	10.1672	53.0969	-33.6993	-18.1091	30.9056	6.20118	-31.3095	-43.3436	-50.6695	33.0695	0.3789006	-45.5384
PINNV	26.9486	89.4958	-51.5138	-26.5913	-17.0886	-2.69217	-42.2709	-34.9858	-37.6679	18.7495	6.89547	-25.7228
PTLLN	-19.0956	-12.1998	36.8114	13.6209	36.0879	27.3365	16.5676	36.5813	36.5221	-35.8206	15.712	17.2929
INTLN	22.2406	-12.1369	-8.77991	13.32811	-7.39953	20.5156	13.3447	1.30577	3.1508	0.928714	-1.5165	-4.7871
NFLOR	-15.7378	-101.128	95.704	49.0867	-28.2888	21.1919	65.5256	113.37	105.06	-88.5225	-5.39646	104.638
CORLLW	18.2997	-21.917	19.9338	11.5238	20.3225	1662.266	68.1952	45.7052	27.783	-36.9936	13.0698	43.8584
CORLWD	52.3653	-26.3453	9.75068	.0412156	-3.05021	-34.1088	-3.90138	4.90433	21.198	-10.7636	-11.0188	27.6849
CORTWD	33.6864	-5.76911	4.11809	2.88336	1.895061	10.2568	-1.26341	6.03387	10.6186	8.59506	3.21698	17.9529
STMXLOL	17.0083	-43.1643	44.8573	22.657	19.8251	43.7769	15.133	56.9556	22.9981	-56.7135	24.2387	50.8296
STBLN	-11.1653	-88.3788	82.6116	52.6151	17.8055	39.1875	70.1032	109.475	90.5191	-73.6738	21.0119	90.9C.i
STBWD	38.5021	-85.6966	83.2286	45.6575	-13.6457	8.96631	22.7964	34.179	-20.05	-14.1632	38.5034	38.5034
ACNKLW	-28.7811	-86.0888	69.1167	17.4883	15.7199	25.1272	19.34	69.7996	75.1851	-1.51105	-2.3736	94.617
ACNKWD	29.1554	-2.2758	1.64826	-20.1617	-4.10968	-2.765	-9.70056	4.3078	15.8239	21.6839	-4.367164	12.1186
MVPAN	6.08983	-85.6582	70.2101	37.1193	11.1914	13.8868	30.1237	62.3405	72.7782	-88.1875	9.36907	93.0066
CRKNWM	64.1888	-44.5967	44.0975	12.5209	-34.1854	2.96559	-0.134709	14.6569	0.03083	-20.3783	-16.3108	40.5812
CRMNWD	149	15.0947	-28.6818	-10.0856	-34.3588	-13.0197	-41.7562	-56.024	-31.9691	9.92936	-14.1629	-16.959
MWNDFND	15.1217	149	-26.4809	-30.6263	16.2007	-47.9702	-44.5923	-105.402	-96.7137	106.33	-21.0459	-130.851
IDLWR	-26.6818	-86.4809	149	77.2601	59.1663	47.6826	73.8876	104.755	104.089	-84.8248	36.1018	99.1752
OBLWR	-10.0956	-30.6263	77.2601	149	59.1187	32.4283	50.9186	67.2468	65.0681	-62.5908	12.2721	53.4149
INVLWR	-34.3588	16.2007	59.1663	59.1187	149	44.6912	19.0702	35.1915	14.8474	-18.8743	58.9983	-5.88664
CRLLWR	-13.0197	-47.9702	47.6826	32.4283	44.6912	149	67.94	45.8798	16.3721	-38.3796	21.6164	28.4953
ACLWR	-41.7562	-44.2593	73.8876	50.9186	19.0702	67.94	149	72.6147	74.0263	-10.9867	-4.00919	57.8512
CORLWR	-56.024	-105.402	104.755	67.2468	35.1915	45.8798	72.6147	149	115.665	-110.191	38.6883	108.709
STLLBR	-31.9591	-96.7137	104.089	65.0681	14.8474	16.3721	74.0263	115.665	149	-76.3195	15.8952	93.2728
TFLPLR	9.92936	106.33	-84.8248	-62.5908	-18.8743	-38.3796	-10.9867	-110.191	-76.3195	149	-25.8134	-96.8989
INFLWR	-14.1629	-21.0459	36.1018	12.2721	58.9983	21.8164	-4.00919	38.6843	15.8952	-26.7034	149	26.2079
LRNFHR	-16.959	-130.851	99.1752	53.4149	-5.88664	28.4953	57.8512	108.709	93.2728	-96.8989	26.2079	149



CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	RACHLEN	INTNDLN	NRN	IBRW	OBRW	INNAW	PMXL	LBRP	INFL	INFW	VARGS	VANGB
RACHLEN	1.12844	+0.02353	-2.78912	-5.50875	-8.7836	-10.8218	-8.10967	-7.98875	-10.089	-9.1674	-.164265	-3.63529
INTNDLN	+0.02353	0.017777	0.15109	0.58121	1.79725	2.07329	0.455	0.37886	0.76868	0.59536	0.270319	0.30512
NBR	+9.78912	0.15109	88.9145	40.4607	71.4203	90.9827	75.3756	69.4544	89.9295	82.2911	0.019666	35.8383
IBRW	-5.50875	0.58121	40.4607	90.7295	51.6345	70.1372	30.269	28.5305	44.4558	39.8657	1.91208	15.0786
OBRW	-8.7836	1.79725	71.4203	51.6345	74.08	87.6949	57.0255	53.104	73.662	67.6884	2.00827	27.4779
INNAW	-10.8218	2.07329	90.9827	70.1372	87.6949	105.187	74.0512	68.7221	91.0116	85.5942	2.01186	35.141
PMXL	-8.10967	0.455	75.3756	30.269	57.0255	74.0512	64.8397	59.4442	79.9053	69.4263	0.411815	30.0672
LBRP	-7.98875	0.37886	69.4544	28.5305	53.104	68.7221	59.4442	54.6804	67.5866	64.0254	0.405357	27.677
INFL	-10.089	0.76868	89.9295	44.8508	73.662	91.0116	79.5053	69.6886	91.9438	83.9485	1.10586	35.9839
INFW	-9.1674	0.59536	82.2911	39.8657	67.6884	85.5942	69.4263	64.0254	83.7185	76.14	0.965316	32.9517
VARGS	-.164265	0.270319	0.019666	1.91208	2.00827	2.01186	0.411815	0.405357	1.10586	0.965316	0.1156219	0.2572216
VARGB	-3.63529	0.30512	35.8383	15.0786	27.4779	35.141	30.0672	27.677	35.9839	32.9517	0.2572216	14.0239
SNIBL	-9.19778	-0.03504	-80.3918	-37.233	-31.4827	-40.4552	-30.9524	-31.7125	-40.6829	-37.8877	-.291787	-16.0676
LNWDBL	6.65228	-0.67025	-56.1219	-31.2133	-50.0377	-61.7667	-46.9382	-43.0478	-57.7805	-52.6176	-.915728	-22.0071
MXLNL	7.12972	-0.00508	-60.2466	-33.3432	-54.5433	-67.7956	-52.2181	-48.2271	-64.221	-58.3818	-.971974	-24.6289
MXWDL	0.826604	-0.66682	-3.84692	-1.76986	-3.10756	-1.95226	-3.25911	-3.00365	-3.89944	-3.1NE	-.036782	-1.9253
APXAN	-9.03114	1.28048	98.8255	49.1601	85.3365	96.2135	89.6069	80.0263	96.652	84.499	0.3180965	40.4831
APXPS	4.9076	-8.51587	-40.9342	-16.137	-31.0813	-40.3133	-35.0802	-32.2643	-41.0278	-34.714	-.2326962	-16.1229
BSAN	-4.90676	1.75716	41.4968	25.2538	39.061	47.1969	38.3415	34.8853	43.9436	39.8536	0.8217901	16.3243
BSPS	-2.87897	2.02027	22.8656	17.8657	28.907	29.1229	18.0267	18.8285	22.485	21.8008	0.7235617	8.74385
SVINS	-1.38686	0.6705915	18.7016	4.87994	8.89851	11.8914	11.0435	10.1322	12.9763	11.6311	.0117841	5.10286
NSEGV	6.74799	-4.8059	-35.7982	-33.0788	-43.4072	-49.4616	-27.2554	-25.609	-39.2085	-34.5193	-1.5086	-13.8536
PISLN	2.62807	-0.99459	-26.7156	-9.614972	-15.7288	-23.2657	-21.0935	-21.7823	-25.9907	-20.1692	0.1170015	-10.6809
PTLLN	-2.83391	0.9726437	30.3823	9.27987	16.9419	24.1635	27.1278	28.9317	29.1928	27.4098	-.3200822	12.4844
LNTLN	-.506665	0.2777166	4.76532	1.70671	3.50136	4.59072	4.10905	3.7798	4.75218	4.37932	0.0178845	1.90612
NFLDR	-9.74412	7.863661	81.5012	53.1209	79.4651	95.6393	66.1425	61.4192	85.3	76.7607	1.87718	31.6121
CORLLN	-2.83578	0.2960858	31.7127	0.7620932	13.5958	22.0373	29.4163	26.7065	29.6376	28.1338	-.6673883	13.186
CORLMD	-1.31876	0.7215809	10.2006	5.711109	11.7659	13.545	7.89897	7.39715	11.0961	9.778843	0.3797774	3.86564
CORTWD	-.9260005	0.7292823	5.11747	5.11681	5.73992	6.05114	0.201897	1.962716	3.86819	3.24192	0.2871105	1.0965
STMNLOL	11.8883	-7.25716	41.4968	25.2538	39.061	47.1969	38.3415	34.8853	43.9436	42.4872	0.711518	16.3243
STBLN	-8.59636	5.640006	77.1212	37.2903	63.8651	80.592	69.9744	59.0341	78.3828	71.5586	0.865206	30.465
STBWD	-2.80037	2.31706	23.2094	15.6929	23.1837	27.6674	10.7317	13.4098	21.3927	21.9806	0.5776279	8.97739
AOHKLN	-3.86282	1.96992	36.9276	12.9882	25.0809	34.5677	32.08	29.137	36.5891	33.327	.0444056	14.8291
AOHKWD	0.8251113	-1.164639	-11.94328	-11.16982	-17.5574	-21.9648	-13.4883	-12.6853	-22.0069	-11.6178	-.036816	-8.76036
NVPAC	-8.68005	5.58496	77.6287	36.0715	63.7029	80.6111	65.5184	60.4167	78.7789	71.969	0.8843446	30.7124
CRNWND	-3.65225	2.93006	19.0066	20.8859	35.4284	29.1341	13.9723	13.4263	21.3994	18.9565	0.929334	7.08213
CRNNWD	0.9511759	0.1752621	-7.91772	3.08891	-0.49745	-3.02283	-7.93545	-7.11804	-6.81389	-6.77986	0.3914994	-3.43281
NWNOFNG	9.96943	-8.20301	71.9096	45.5045	82.2982	98.2998	64.8682	68.1304	86.8835	78.0683	-2.01629	28.0251
IBLNR	-8.89226	5.09963	82.7313	33.1534	62.5298	81.2266	70.9604	65.2549	82.8611	76.1956	0.8471127	33.0044
IBRLNR	-4.77004	1.33479	49.2157	8.92304	27.768	40.0734	44.1995	40.1343	47.3594	44.4314	-.4983329	20.1097
INVLNR	0.0182047	-6.00518	19.9505	-29.3479	-19.327	-11.782	20.2907	17.6832	9.927557	11.7078	-2.83743	7.94694
CRLLNR	-2.84016	1.633511	27.8099	-4.39477	7.49469	15.4774	26.7016	24.1081	25.0764	24.8276	-.927894	11.7768
ACLNR	-4.03838	2.80961	40.2097	18.106	38.6708	37.9987	34.9324	32.065	39.3871	36.9376	.0745186	16.1628
CORLWR	-10.7029	6.87628	96.6076	49.3519	78.8137	99.1963	81.6414	75.2085	97.0989	89.5263	0.98852	39.2076
STLLNR	-8.75203	6.88612	76.3276	47.1992	67.6777	83.643	63.1364	59.5982	76.988	71.2083	1.03164	29.9454
TFLFLR	10.2979	-6.05093	-92.0074	-45.2658	-76.9588	-96.8183	-77.3584	-71.1397	-93.4759	-85.7139	-1.09378	-36.3306
LNTLN	-1.82415	1.17779	9.19901	8.80109	14.4081	12.9307	5.43916	6.58093	10.4553	10.0	0.3	3.1
LRHFHR	-9.67155	7.43677	84.6905	49.9212	77.9667	95.3515	69.7015	64.558	87.6909	79.37	1.58	33.0818

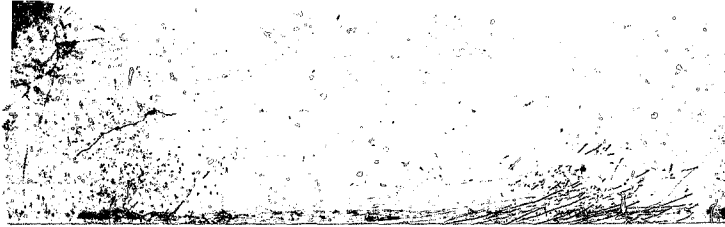


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	SHINL	LWDNL	MKLNL	MKWDL	APXAN	APXPS	BSAN	BSPS	SVINS	HSECV	PINSV	PTLLN
RACMLEN	4.39178	6.45228	7.12972	0.429609	-5.03114	4.4076	-4.90676	-2.87897	-1.32626	4.7479	2.62007	-2.93397
INTNDLN	-2.63509	-4.67025	-5.06908	-0.26882	2.98049	-2.91587	3.75714	2.62007	0.670505	-4.8059	-0.94469	0.9136337
NAR	-80.3918	-56.1279	-69.0466	-3.84856	46.8256	-40.9302	41.8596	22.8456	12.7017	-35.7925	-26.7158	30.3883
IBAW	-17.233	-31.2135	-33.3132	-1.76986	19.0601	-16.567	25.2538	17.8857	6.27994	-13.0728	-5.64478	5.27927
OBAW	-31.4427	-50.0377	-54.5633	-3.19756	35.6365	-31.0813	39.041	29.907	8.89261	-43.4072	-15.7728	16.4419
INMXW	-40.4552	-61.7697	-67.7062	-3.95226	46.2335	-40.3133	47.5694	29.1229	11.8518	-49.4416	-22.3697	24.5635
PMXW	-29.4509	-46.5182	-52.2181	-3.25914	39.6629	-35.0802	34.3415	18.0267	11.0435	-27.2334	-23.8055	27.1378
LBRF	-31.7125	-43.0478	-48.2571	-3.00305	36.4985	-32.2643	37.8248	26.8285	10.1322	-33.604	-21.7823	28.9317
IHFL	-40.6429	-57.2806	-64.223	-3.89944	46.652	-41.0278	46.4435	29.4855	12.0753	-39.2987	-25.8947	29.1088
IHFW	-37.2877	-52.4176	-58.3818	-3.56362	42.829	-37.716	39.2536	21.0005	11.6311	-38.5193	-29.1852	31.4098
VANGS	-1.29728	-2.25729	-2.91079	-0.036762	0.3109995	-0.232698	0.6871201	0.7335619	0.9117661	-1.2986	0.2810005	-1.320022
VANGB	-16.0676	-22.0071	-24.6282	-1.17253	18.4816	-16.3229	16.2643	8.74585	5.19286	-13.9534	-10.8809	-12.4284
SHINL	18.4091	25.2006	28.2057	1.179734	-21.1773	18.7033	-18.6895	-10.8052	-5.8488	15.381	12.4773	-14.0494
LWNDL	25.8006	36.0992	40.3977	2.143624	-28.8753	25.3068	-26.0086	-14.3985	-7.6294	20.8985	15.1791	-19.0672
MKLNL	28.2957	40.7976	45.2099	2.71568	-32.3438	28.3865	-30.8603	-17.773	-8.61831	26.9218	17.3863	-19.5209
MKWDL	1.74734	2.43087	2.71568	0.1605927	-2.00807	1.7005	-1.81697	1.996904	-1.342009	1.9089	1.150985	-1.30783
APXAN	-21.1773	-28.5793	-32.3426	-2.00807	24.3672	-21.5299	21.383	11.3815	6.74607	-17.4187	-14.4463	16.5134
APXPS	18.7033	25.3068	28.3865	1.77005	-21.5299	19.0389	-18.8863	-9.853369	-5.98858	15.9083	12.9015	-14.7907
BSAN	-18.6895	-26.0086	-30.8603	-1.81697	21.383	-18.8863	21.4617	12.8893	5.59453	-21.6098	-10.7382	11.8822
BSPS	-10.0952	-14.3985	-17.773	-1.996904	11.3815	-9.853369	12.8893	8.4375	2.75731	-11.9346	-6.65631	4.90669
SVINS	-5.848662	-7.629984	-8.61831	-1.342009	6.74607	-5.98858	5.59453	2.75731	1.91714	-3.96432	-4.26213	4.9251
HSECV	15.381	20.8985	26.9218	1.96104	-17.4187	15.9083	-21.6098	-14.9194	3.96432	27.2631	9.76703	-9.68535
PINSV	12.4773	15.1791	17.3863	1.15098	-14.4463	12.9115	-10.7382	-4.65631	-4.26213	9.76703	9.96217	-11.6688
PTLLN	-14.2904	-19.0672	-19.5209	-1.30783	16.5134	-14.7907	11.8822	4.90669	4.9251	-9.68535	-11.6688	13.7581
INTLN	-2.18434	-2.91111	-3.37504	-0.205905	2.51696	-2.28898	2.13742	1.09912	0.706321	-1.63806	-1.59287	1.77406
MTLGN	-36.1848	-48.5978	-50.967	-3.54127	43.3382	-36.0107	42.9033	26.0438	10.5954	-45.0878	-19.2603	21.5971
CORLLN	-15.7115	-21.0007	-19.2604	-1.26123	17.4085	-15.8961	11.6047	2.20543	4.99259	-2.29919	-13.5986	16.1764
CORLWD	-4.42086	-7.99234	-8.08485	-0.4449867	5.01679	-4.31361	5.99431	4.01871	1.17669	-7.62265	-1.85263	1.89884
CORTWD	-1.2496	-2.95634	-3.01652	-0.194017	1.37186	-1.11962	2.53383	2.06861	0.4922688	-4.09541	-1.15825	-1.47465
STMKLDL	-21.2729	-28.07	-31.6368	-2.00067	24.592	-21.7427	20.5272	10.387	6.92323	-15.199	-15.2605	17.5773
STBLN	-36.9196	-45.2517	-50.8219	-2.13997	40.101	-35.2909	34.9267	20.5998	10.8667	-38.787	-22.5198	25.4066
STBWD	-10.2796	-15.9792	-17.6049	-1.00891	11.7285	-10.2028	12.379	7.72311	2.96436	-13.2728	-9.446695	9.92969
ACMKLN	-16.996	-22.2198	-26.2181	-1.59548	19.6037	-17.1902	16.1898	6.04705	5.56374	-11.6667	-12.381	14.262
ACMWD	0.8706371	1.28679	1.6804	0.0843992	-0.997011	0.8728219	-0.980941	-0.579318	-0.261715	0.960059	0.5149068	-0.573698
NVTAC	-39.1811	-49.9068	-55.0322	-3.36112	40.416	-35.8902	36.8799	20.3073	10.9806	-35.5333	-32.6627	35.9198
CRMKWD	-8.025015	-15.0097	-15.499	-0.832935	9.03951	-7.65636	12.2828	6.85903	1.91874	-16.5631	-8.225318	1.95707
CRMWND	3.945006	5.239679	6.3270705	-0.4433796	-4.63936	3.8726	-1.641149	0.2220655	-1.38451	-1.90697	4.33546	-5.59924
NWMOFND	36.6549	56.8539	62.2381	3.59563	-41.8672	36.4156	-48.74	-27.3825	-10.5986	46.9801	19.5578	-21.3133
IBLWR	-17.8181	-23.0817	-27.2986	-1.57713	19.5287	-18.51	17.6731	10.7629	5.1216	-29.862	-16.1931	20.0217
OBLWR	-23.0628	-27.5809	-31.7034	-2.11883	28.7214	-23.5292	19.3529	8.0748	7.95266	-9.9291	-18.7907	22.0704
INVLWR	-9.1796	-13.9196	-13.1753	-1.059208	11.182	-10.8028	-2.91561	-8.94152	4.39752	21.7566	-15.7287	19.8019
OBLLWR	-13.7523	-19.1358	-15.8436	-1.18932	15.8127	-14.4009	-1.27755	1.36319	5.13609	1.08137	-13.4067	16.1309
ACLWR	-18.524	-20.339	-27.1542	-1.74032	21.3582	-18.0697	12.769	8.92885	6.04497	-12.9807	-13.3619	15.4157
CORLWR	-13.8137	-21.3439	-18.1735	-1.48272	16.1563	-14.3952	15.8716	13.1395	13.7053	-22.9341	-26.6181	32.4688
STLLBR	-36.2907	-50.0583	-55.3764	-3.30961	39.298	-34.4536	37.9653	22.1205	10.4056	-36.2861	-20.7736	23.2467
TFLPLB	-41.6137	-50.9025	-56.1855	-3.78	42.0694	-34.3059	29.4762	12.9096	3.7162	-12.9096	39.7162	49.4157
INFLWR	-3.9322	-6.99776	-7.49987	-1.401654	4.48633	-3.79562	5.63967	2.94189	0.9967172	-7.24189	-1.28659	1.93687
LNNFWR	-37.8771	-56.9476	-62.1819	-3.67538	43.3549	-37.9197	42.0915	25.0786	11.3193	-42.8094	-22.0845	24.5006





CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

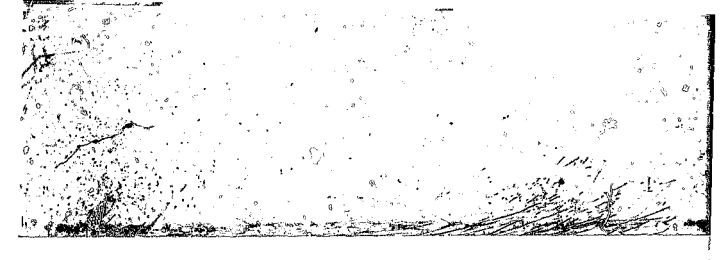
VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STNKLOL	STBLN	STBWD	ACKKLN	ACKKWD	NVPAC	CRNKWD
RACKLEN	-.506665	-9.74412	-2.83576	-1.31676	-.986009	-4.8823	-8.59636	-2.80207	-3.86282	0.825113	-8.62695	-2.65225
INTNGLN	0.577786	7.86368	0.296836	1.27009	0.729223	2.5797	5.84006	2.31786	1.96932	-.166859	5.56194	2.93006
NBR	4.76532	81.5012	31.7327	10.2006	3.17347	46.3101	77.1212	23.8096	36.9276	-1.94328	77.6287	19.0056
LBRN	1.79471	53.1209	0.762832	8.71109	5.11621	76.5776	37.2903	19.4229	12.5840	-1.11949	36.8715	20.2859
DBRW	3.50136	79.4661	13.5459	11.7469	5.75957	33.2726	63.9651	23.1237	25.9809	-1.76365	63.7029	25.4284
INKNW	4.59078	89.6395	22.0273	13.549	6.05114	43.9564	80.592	27.0674	34.5677	-2.16576	80.6111	26.3341
MXKL	4.10885	66.1429	29.4183	7.88897	2.01491	80.0854	66.9792	18.7317	35.08	-1.60496	65.5184	13.9723
LBNF	3.1776	58.2982	26.7065	7.39715	1.56124	66.6092	59.4381	17.1098	29.427	-1.48539	60.4167	13.2142
IRFL	4.75218	85.3	29.6379	11.0461	3.86819	86.0274	78.3878	24.3927	36.5821	-2.00891	78.7789	21.3096
IRFV	4.17913	76.1707	26.4221	9.77893	3.30108	82.4752	71.5526	21.5804	33.027	-1.81778	71.969	18.5565
VANGS	.0176845	1.87218	-.667880	0.379774	0.281125	0.111218	0.65516	0.576279	.0484056	-.0342116	0.8243146	0.99234
VANOS	1.90618	31.6121	13.186	3.88564	1.0966	18.969	30.485	8.97739	14.8291	-0.76036	30.7124	7.0291
SHINL	-2.18434	-36.1894	-13.1315	-4.52086	-1.28903	-21.2789	-34.9194	-10.2745	-16.996	0.6751651	-33.1811	-8.045903
LNWDRL	-2.91114	-55.5978	-16.4917	-7.49234	-2.05168	-25.07	-49.2517	-15.9792	-22.3198	1.28679	-49.4008	-15.0997
RKLNL	-.275904	-.401961	-.193402	-.098489	-.040612	-.314568	-.541819	-.187849	-.25088	.01606	-.551035	-.15599
RKWDL	-.205945	-3.34127	-1.36193	-.449067	-.10697	-2.80067	-3.33997	-1.00894	-1.5998	.0843092	-3.36112	-.8320535
APKAN	2.51656	41.3368	17.6085	5.09879	1.37736	34.328	40.101	11.7283	19.6817	-.997011	40.4112	9.03797
APXPS	-2.22898	-36.0182	-15.8547	-4.31361	-1.11562	-21.7427	-35.2965	-10.7028	-17.2969	0.8728819	-35.3902	-7.69636
BSAN	8.13749	140.9073	51.0657	19.1402	5.53383	80.5278	136.9267	42.179	66.1898	-3.980541	136.9795	34.2408
BSPS	1.09912	26.4452	3.50503	4.01271	2.05063	10.387	20.5988	7.72311	8.06766	-.379318	20.5073	6.83903
BVINS	0.706321	10.9454	5.46719	1.17969	0.350328	6.90323	10.8667	2.96436	5.56376	-.267173	10.9886	1.91876
NSCOV	-1.63204	-40.0874	-8.29919	-7.22265	-4.08971	-15.199	-30.727	-13.2728	-11.6367	0.9600559	-32.4333	-16.5631
PINSV	-1.54287	-19.7293	-13.5098	-1.85943	0.137566	-15.2505	-22.5198	-5.94855	-12.3481	0.5410908	-20.8827	-2.25316
PTLLN	1.77406	21.5973	16.1769	3.80889	-.3174665	17.5773	25.0982	5.92985	10.262	-.5734896	25.9198	1.95707
INTLN	0.861768	5.080109	3.93394	0.6773	0.197859	2.95663	5.09581	1.1952	2.091	-0.1080119	5.13373	0.8822091
NFLOR	4.09459	66.4352	19.0814	12.3269	3.59515	39.1601	72.2978	25.0258	30.7649	-1.95109	72.5841	25.9347
CORLLN	1.98394	19.0814	10.8565	1.10107	-1.15898	19.1313	26.1133	5.08099	15.8099	-1.29256	26.7251	4.476691
CORLWD	0.4772	5.3269	1.10107	1.92576	0.694384	4.70813	5.95326	1.61338	4.13118	0.2668062	9.19275	4.34106
CORTWD	0.1074595	5.59515	-1.15898	1.06384	0.728691	0.8096615	3.1209	1.6887	0.6717701	-.1089254	3.02998	2.628003
STNKLOL	5.55863	89.5057	19.1313	9.47812	0.809615	85.0483	89.7115	21.0338	20.0981	-.960541	90.1111	7.51221
STBLN	8.09581	72.2978	26.1533	9.25936	3.1205	39.7172	67.1182	20.6452	31.6073	-1.70829	67.4824	17.6516
STBWD	1.15638	25.0082	5.08099	3.61538	1.686	11.0356	20.6452	7.25977	8.65287	-.361608	20.6846	7.06577
ACKKLN	2.051	30.7649	15.8099	3.45378	0.611701	20.0981	31.6073	8.65287	16.7675	-.762881	31.94	5.6955
ACKKWD	-0.100119	-1.95109	-1.29256	-.2660962	-.1089254	-.960541	-1.70829	-.361608	-.762881	.0406106	-1.7129	-0.53866
NVPAC	4.13373	72.5841	26.7351	9.19275	3.02998	90.1111	67.4824	20.6846	31.94	-1.7129	67.6744	17.7153
CRNKWD	0.8202607	25.9347	4.476691	4.33106	2.628003	7.51221	17.6516	7.06577	5.6955	-0.53866	17.7153	10.24614
CRNKWD	-0.53776	-2.39151	-6.97683	0.3266656	0.8318666	9.98332	-6.20703	-.509414	-4.56777	0.1025868	-6.442207	1.83922
NWRDFWD	-4.13083	-88.9067	-18.4907	-12.8071	-4.9466	-43.9348	-73.5384	-25.1783	-30.9216	1.992796	-73.9981	-27.1657
LBLWR	4.51057	72.5963	32.3303	8.65691	2.19991	44.0114	71.3079	20.5434	35.8239	-1.76054	71.9072	15.199
OBLWR	2.86743	55.2566	25.9722	3.14682	-.500653	20.357	51.3379	9.69256	23.0114	-.932931	52.0133	3.36732
INVLWR	1.48251	-12.3043	28.6612	-5.00361	-4.39726	19.3275	10.1969	-6.45359	13.7037	.0812582	11.3235	-16.1321
ORLLWR	1.78033	33.1061	20.5131	6.05225	1.5554	12.9713	32.418	3.27046	14.8194	-.927767	33.0767	-5.08055
AGLWR	5.8314	93.8377	37.8176	13.8722	0.7296643	21.1717	96.5222	9.92702	17.5462	-.855772	94.8743	6.36768
CORLWR	5.1539	89.5099	33.6198	11.3413	3.681	50.4116	83.9331	25.5431	39.8552	-2.12601	84.4367	21.3893
STLLWR	3.96651	75.2718	22.7052	7.1065	3.29702	48.261	66.9201	21.6229	30.3053	-1.74498	67.1481	20.1716
TFLPLR	-4.87144	-86.8949	-30.6539	-11.2048	-3.06986	-47.2035	-80.1544	-24.8327	-37.5394	2.04792	-80.57	-27.2498
INFLPL	6.413599	111.8069	39.39288	14.1913	5.10855	63.83115	111.8137	34.8159	51.29266	-2.844666	111.9	34.8183
LRNFHH	4.34483	85.9562	23.122	11.8293	1.92976	41.7792	74.5961	24.7718	32.984	-1.971153	74.7397	24.1471



CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	CHRMND	NWROFTID	IBLWR	QBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RAGNLEN	0.551769	.96845	-8.89226	-4.77044	.01820147	-2.28416	-4.23238	-10.7029	-8.75203	10.2979	-1.23415	-9.87156
INTNDLN	0.377523	.70201	5.09963	1.53475	-4.00518	-1.43557	2.20081	6.87628	6.28812	-6.85053	1.21722	7.43877
NBR	-7.91772	-82.7696	62.7213	49.2157	15.9505	27.8099	40.2807	96.6076	76.3212	-92.0074	9.19801	84.6005
IBRW	3.06891	-55.5085	33.1534	8.92304	-29.5479	-4.31377	14.706	45.3519	41.9942	-45.3656	6.60709	49.9372
OBRW	-8.55195	-82.0582	62.3998	27.768	-19.287	7.49089	28.6708	78.8137	67.6477	-76.9988	11.4201	77.9667
INRWW	-3.02883	-98.2998	81.2816	40.0734	-11.782	15.5776	37.9987	99.9163	83.643	-96.7183	12.0347	95.3518
P***W	-7.93549	-96.8622	70.9509	69.1599	20.2907	26.7016	34.9724	81.6816	63.364	-77.3594	0.93912	69.7015
LWRP	-7.11804	-62.1304	65.2549	40.3313	17.6232	28.1081	32.065	75.2685	56.9582	-71.3787	6.50893	64.358
INFL	-6.81389	-85.9835	82.8611	57.3548	9.95757	25.0786	39.9871	97.9969	76.488	-91.4789	10.1329	87.6909
INFU	-6.77988	-78.0623	76.1996	44.4314	.	24.1276	36.9316	89.9263	71.2386	-85.8439	8.88638	79.3264
VANDS	0.3940094	-2.01629	0.3877192	-.9823229	.	-.9337994	0.9763386	0.9882872	1.21166	-1.09378	0.4095313	1.38
VANDC	-3.43881	-38.1951	31.8084	20.1	.	11.7768	16.1626	38.8479	29.9644	-36.0305	3.44	33.0818
SIINKL	3.94506	36.6584	-37.8161	-23.1	.	-13.5431	-16.529	-43.8137	-34.2907	41.6137	-3.9322	-37.8771
LNWDBL	3.27657	36.9532	-37.0032	-27.58	.4	-15.1956	-19.359	-41.3149	-33.0583	36.9855	-4.29715	-36.4074
MXLNL	6.71097	62.2381	-57.2986	-31.7054	-3.17757	-19.8436	-27.4542	-66.3735	-55.3764	65.5974	-7.74987	-62.1819
MXWDL	0.337076	3.95623	-3.57713	-2.1183	-.6592854	-1.74032	-2.16272	-5.16272	-3.80963	5.9854	-1.401654	-5.41436
AFXAN	-4.63976	-41.8472	40.5387	26.7214	11.126	15.6187	21.3582	50.3367	39.298	-47.7747	4.84633	43.3549
AFXPS	4.2704	46.9158	-38.51	-23.9842	-10.8809	-14.6888	-18.9599	-45.3452	-34.4938	42.8994	-3.79562	-37.9197
BSAR	-7.89349	-94.0879	77.6731	49.3529	-2.91961	29.2735	37.769	85.8716	67.9853	-94.3829	5.63567	83.0915
BSPS	0.2296655	-27.1829	19.7627	8.07748	-4.84152	1.56219	6.92883	25.2387	22.1205	-24.871	3.954199	25.8786
SVINS	-1.98631	-10.5986	12.186	7.95266	4.79752	5.13602	6.04487	13.7059	10.8056	-12.9042	0.9961112	11.3193
NSEDV	-1.90667	-46.9801	-29.862	-9.49391	21.7666	1.82437	-12.9807	-29.9541	-36.2883	39.7166	-7.2541199	-42.8094
PINSV	4.35546	19.5578	-26.1931	18.7907	-15.7287	-13.4067	-13.3619	-28.6141	-20.7136	26.6058	-1.38699	-22.0845
PTLLN	-5.28926	-21.5133	30.0817	22.0704	19.4016	12.4309	-15.2157	-32.4688	-23.2567	-30.0753	1.33627	24.5006
INTLN	-0.53778	-4.13023	4.51057	2.06761	1.48251	1.78017	2.2314	5.1939	3.96601	-4.87144	0.4139999	4.38483
NFLLN	-2.39151	-38.8817	32.3983	25.5956	-12.5041	13.0561	13.8377	29.5699	-25.2716	-36.6048	11.0067	25.9502
SDRLLR	0.67883	7.8303	23.9732	28.8612	20.533	17.0174	13.8186	22.7052	-30.4539	0.3928844	23.132
CORLWD	0.326656	-12.	8.05691	3.16482	-5.00362	.0340287	3.33722	11.3413	10.1069	-11.2948	1.913	11.8073
CORIWD	0.831868	-5.	1.99691	-1.50033	-1.25041	-1.95041	0.7296619	3.681	3.0125	-2.86986	1.10255	4.62972
STHKLW	-5.48833	-39.	44.0116	28.397	15.8575	17.9713	21.8517	50.0316	39.261	-47.2035	3.83715	41.7752
STBLW	6.20103	-73.5	71.3079	41.3379	10.1969	22.418	34.5222	83.7931	66.9261	-80.1544	8.4137	74.9501
STBWD	-.5099414	-25.77	20.5434	9.69236	-4.45359	2.37946	9.52702	25.5931	21.6229	-24.8357	3.48158	24.7118
ACRWD	-4.56777	-80.5116	75.2839	23.3314	13.7055	19.8196	17.7462	73.5894	57.5594	-71.2586	8.29666	68.2899
ACRWD0	0.102588	1.99752	-1.76054	-.932931	.0412522	-.427767	-.835772	-2.12614	-1.74498	2.04792	-.249826	-1.97153
MVPAC	-6.44807	-73.4981	71.9972	42.0133	11.3235	23.0767	34.8743	84.4369	67.1481	-80.57	8.34667	74.1397
CRWDWD	1.63922	-27.1657	15.299	3.36732	-10.1321	-3.08655	6.36768	21.3893	20.1774	-21.5948	4.82018	24.1471
CRWDHD	2.78366	-14.9505	-8.17062	-8.47166	-12.5908	-9.47089	-4.87677	-8.18677	-5.27197	7.11302	0.2483719	-4.2039
HVRBTHD	1.95092	91.5424	-73.3305	-34.8274	15.134	-10.0351	-34.0509	-91.0362	-76.9416	88.4716	-12.3188	-88.0845
IBLWR	-8.71076	-73.1309	77.8991	45.5534	22.3875	29.3611	36.2548	89.6041	69.3265	-84.892	7.60163	76.4674
QBLWR	-8.47146	-36.8279	40.5933	31.4353	31.6193	25.8021	20.9999	52.6191	37.7799	-46.7777	2.84294	39.8808
INVLWR	12.5208	15.194	22.5775	31.5533	60.6695	41.9345	19.3279	16.9955	1.49293	-10.6318	-6.11931	-3.92196
CRLLWR	-7.63548	-10.0351	29.3611	25.8402	33.5346	29.7818	15.8805	29.1376	18.2873	-26.0646	-0.7134J	17.6607
ACLWR	-8.87089	-34.0509	36.2548	24.8999	14.3278	15.172	18.5075	43.5078	33.1851	-41.1565	3.97153	36.1801
CORLWR	-8.18077	-91.0362	89.6041	52.6191	16.9955	29.1376	43.5078	105.058	83.1854	-100.19	10.2775	92.7401
STLLBR	-6.59172	-76.9416	69.3265	37.7799	1.49293	18.2873	33.1851	83.2854	67.919	-80.1353	9.42057	76.468
TFLPLR	7.13163	88.4716	-84.892	-46.7777	-10.6318	-26.0646	-41.0165	-100.19	-80.1353	95.7604	-10.8468	-89.493
INFLWR	0.585574	-12.3188	7.60163	2.8429%	-6.11931	-.713[illegible]	3.97153	10.2775	9.42057	-10.2468	1.90586	11.1547
LRNFHR	-4.88704	-80.0846	76.4674	39.8808	-3.92196	-.7[illegible]07	36.1801	92.7401	76.468	-89.493	11.1547	96.5786

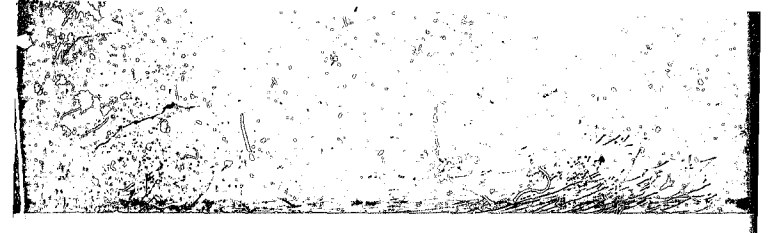


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	RAGHLEN	INTNDLN	NGR	IGRW	OGRW	INMXW	PMXL	LGRP	INFL	INFW	VANGS	VANGD
?AGHLEN	147.872	93.6513	4.7991	14.4282	11.1328	14.791	10.7025	5.21677	12.0005	17.061	6.12809	-3.27904
INTNDLN	93.6513	148.152	3.38793	14.8386	11.0079	8.75565	-8.18712	-3.30503	-5.86504	14.4697	11.8146	-10.4595
NGR	4.7991	3.38793	60.0852	10.5985	17.8446	29.3085	14.2727	6.0429	40.0444	27.5182	21.9627	19.1437
IGRW	14.4282	14.8386	10.6985	108.571	81.652	27.2936	-4.23432	5.90011	13.8156	14.9672	4.2162	-9.29224
OGRW	11.1314	11.0079	17.8446	81.652	74.92	27.1608	26.631	21.8552	29.6577	14.432	-1.69418	-4.4005
INMXW	14.791	8.75565	29.3085	27.2936	27.1608	53.1225	12.9017	13.9558	37.6831	37.98	10.2169	6.88342
PMXL	10.7026	-8.18712	14.2727	-4.23432	26.631	12.9017	96.3603	30.1519	19.7192	20.3962	-1.66256	-3.70754
LBRP	5.21677	-3.30503	6.0429	5.90011	21.8552	13.9558	30.1519	94.3152	18.3711	8.5965	7.63199	4.82174
INFL	12.0005	-5.86504	40.0444	13.8156	29.6577	37.6831	19.7192	18.3711	97.3366	41.2386	6.61757	12.118
INFW	17.061	14.4697	27.5182	14.9672	14.432	37.98	20.3962	8.5965	41.2386	78.688	23.9875	2.49991
VANGS	6.12809	11.8146	21.9627	4.2162	-1.69418	10.2199	-1.66256	7.63199	6.61757	23.9875	148.884	95.1362
VANGD	-3.27904	-10.4595	19.1437	-9.29224	-4.4005	6.88342	-3.70754	4.82174	12.118	2.49991	95.1362	134.976
SHINL	-4.80414	-10.6067	21.417	18.1398	14.0832	13.2551	7.899	17.7029	19.9461	3.93572	1.41166	-5.5106
LNGORL	-19.0599	-21.898	10.7829	2.53185	9.36234	6.00603	7.78787	10.9932	4.86662	-4.3953	-12.3818	-25.1397
MXLOR	15.0586	14.1377	-8.18828	7.84387	7.56663	-6.17672	-14.6092	-7.6948	-11.6271	-17.4242	0.530312	0.409668
MXWDL	28.0101	38.0599	-20.7707	9.84537	-17.8752	-2.92184	-23.1709	-17.7087	-18.093	-17.8752	12.5305	23.8702
APXAN	5.68845	14.9277	0.708731	10.7438	-16.6008	-2.52584	-8.09675	-13.5211	-5.85398	5.44494	11.5612	8.43832
APXPS	-2.62677	-2.96623	2.46273	-9.03171	-8.73613	-1.07878	1.90563	5.9578	-1.2809	-1.66258	8.57874	-4.8597
BSAN	15.0286	15.8506	8.09845	-1.46706	6.78611	15.6913	1.03326	9.65974	17.7406	17.5306	24.5692	19.38
BSPS	10.2655	7.30326	21.4427	1.76917	13.1542	22.6701	19.1002	24.0016	23.8163	24.1094	35.1233	46.9471
SVIWD	7.91095	6.2725	5.04562	-7.09284	-4.1138	1.89579	-1.74488	-3.75934	-2.98241	7.17934	16.1201	27.2994
RSEGV	-7.16976	3.8649	1.40277	5.2962	-3.32279	-8.79568	-12.0843	1.67554	-6.1794	-7.59265	19.6549	30.0315
PLRBV	23.919	16.8227	-8.90859	0.6180346	-13.5346	-12.1947	-4.79596	-9.84471	-17.2923	-16.5272	19.9023	-7.33766
PYLLN	20.2234	6.9773	6.98079	5.88256	14.5669	9.13466	6.34628	-12.1705	10.981	8.75992	-7.29287	-26.3886
INTLN	23.8382	13.9794	19.0609	6.59352	-8.35699	-1.28668	-11.4671	8.76535	-8.30853	-3.05979	-6.09174	-12.9706
NFLOR	11.2277	0.3564774	28.4382	3.86657	22.6915	36.0372	16.4584	15.3959	31.2281	38.0163	1.44992	5.91632
CORLN	10.2313	16.0912	20.537	8.903329	-4.09119	19.7959	-1.90809	-4.81263	27.8966	17.8212	1.27677	21.8702
CORLWD	-20.0786	-13.1507	10.9913	20.5657	12.0363	4.85055	19.7037	0.3466843	15.09	20.7066	-9.99894	1.58836
CORTHD	8.19376	13.9772	4.38231	7.87833	5.97903	5.13146	4.49734	-25.5702	15.9317	4.9886	-25.5712	-9.78937
STRKLDL	14.4799	28.5698	18.8663	16.2984	-7.29159	13.723	-4.84573	-6.1698	18.8461	8.67818	19.07	-3.8303
STBLN	6.51255	-13.7692	19.782	1.4391	21.4554	22.4598	18.6894	11.308	18.1016	27.0412	16.508	16.508
STBWD	25.1661	20.8083	26.0988	8.1257	6.75808	15.9551	7.56322	0.3171995	19.8296	27.1974	-1.94767	-9.22943
ACMXLN	19.289	-14.8237	27.9526	9.42316	24.5772	38.1019	26.6913	19.4992	35.0857	31.9716	0.1958567	6.2
ACMXWD	-1.17299	-23.1693	16.1584	31.7188	26.2705	24.8432	13.1172	-5.616729	32.9786	30.8991	-9.65877	16.5716
AVPAC	-10.4011	-2.832149	9.43133	17.4687	18.6858	7.16935	13.33.4	12.6909	10.007	6.6375	-1.13865	-10.7618
CRNGND	8.1481	14.6256	3.16077	4.1	3.2756	3.89136	1.62766	3.39.3	20.2005	20.8107	-1.14	-6.6245
CRNNWD	-8.2928	9.33858	-3.60572	10.6372	-12.0806	-0.010099	-3.4908	-8.06577	-13.9914	-3.56092	15.4423	-3.3942
NWNOFNR	54.3654	38.1139	-13.0301	-11.4086	-15.9216	-16.6933	-10.1857	-9.12779	-17.7908	-10.672	-1.06718	-8.83511
LBLWR	-6.66231	-6.81346	26.016	-19.6813	16.4555	15.1081	11.284	16.587	35.3747	15.6353	0.445277	13.0727
OBLWR	-7.42661	-10.6548	7.33847	-32.9414	-32.8081	-2.0107	8.15767	10.8181	11.2824	6.13499	8.34063	8.52.36
FMYLWR	-17.1877	-16.6087	19.266	-29.0583	-6.24781	-10.947	2.85129	5.1627	14.5516	-21.53	2.57075	17.1351
CRLLWR	21.5896	25.1907	16.8785	-1.94808	-9.45287	16.4082	-14.6181	-5.68079	19.3466	5.75989	5.15809	0.2666881
ACLWR	21.161	3.98008	21.379	-12.4457	11.686	28.0818	22.7749	22.3474	21.6262	21.9991	3.78893	-9.03089
CORLWR	2.94207	-6.99904	23.7843	-3.16282	22.4516	18.7899	7.73091	19.9303	34.8659	15.8261	0.3823.5	8.24901
STLLBR	1.22301	-22.0655	15.9796	-3.1776	27.9681	19.8603	16.8408	22.1956	35.9434	25.8102	-8.67208	3.65108
TFLCLR	15.6495	-4.78363	-7.62099	-9.71689	14.9336	3.98.3	8.60991	-2.46771	-10.23063	8.51622	6.609256	-5.84405
INFLWR	11.179	5.69581	-3.49981	11.4953	11.3286	-5.89967	-5.54916	16.058	19.7308	-60.2197	5.90753	10.5312
LRNFRM	-.76283	2.1385	19.9932	15.8796	23.7071	27.1202	27.232	7.80963	29.1708	17.3611	8.0409	9.43097





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VARIABLE	SHINL	LNWORL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	RBEGV	PINSV	PTLIN
RA MLEN	-4.80414	-19.0599	12.9586	28.0101	5.68845	-2.62677	14.0286	10.2655	7.91025	-.716976	23.919	20.2834
IN- JLN	-10.6047	-21.894	16.1372	38.0903	14.4877	-2.96693	11.8506	7.30326	6.2705	3.8649	36.8287	6.9713
NBR	21.417	10.7479	-8.78529	-20.7707	8.704731	2.56213	9.09943	21.9227	5.88502	1.94271	-8.90259	6.93979
IBRW	16.1398	3.534865	7.81387	3.44537	10.7938	-6.03171	-4.462706	1.765947	-7.09043	5.2662	0.6168326	5.88256
OBJW	19.0032	9.56234	-.7566663	-11.8752	12.6002	-8.73613	6.786641	13.1962	-4.1138	-3.82273	-13.5366	16.5669
IRHOW	13.2551	3.0028	-6.17673	-9.55186	-2.92543	-1.07648	15.6913	22.6701	1.89279	-2.79658	-12.1847	1.43904
PRAL	1.859	1.78787	-14.8092	-23.1797	-3.90677	1.94363	3.05336	13.1063	-1.74488	-18.0843	-4.79996	6.34628
LP??	17.7029	10.9932	-7.6848	-17.1687	-13.6211	9.0578	9.62876	20.0018	-5.78958	1.67956	-9.04471	-12.1705
INFL	15.9461	4.86628	-11.0271	-16.093	-5.25358	-.2840999	17.7606	22.2163	-.9809117	-6.1796	-17.3823	10.981
IN ?	3.93572	-8.2952	-17.4842	-13.8752	5.44899	-.6626894	17.5304	24.1094	7.17934	-7.59265	-16.5372	8.75992
VAHUS	1.41164	-12.3818	9.530612	17.6305	11.4612	6.57874	24.5692	35.213	16.1201	19.6599	-11.0025	-7.78887
VAI D1	-5.5196	-25.1397	0.49668	23.8702	8.43232	-4.8951	39.38	46.9471	27.8984	30.0315	-7.33768	-26.3888
SHINL	130.591	81.5321	23.642	-70.305	-32.0089	17.8529	-29.2784	14.4775	-30.5125	6.30644	11.5776	14.1681
LNWORL	91.2321	116.107	32.8082	-76.6201	-43.5799	-10.7733	-62.8913	-7.37373	-2.3189	11.9946	-10.0179	19.7786
MXLNL	23.6467	32.0883	103.796	69.2156	-20.5119	15.1166	-.700599	13.0866	-17.4624	42.2008	62.1726	40.4379
MXWDL	-70.295	-76.6201	69.2156	148.831	18.6263	25.1721	64.8932	17.8954	10.8666	27.9991	32.2928	25.0267
APXAN	-32.0089	-43.5799	-20.5119	18.6263	184.833	-46.7855	12.4155	-9.76519	20.5218	-7.09909	21.1584	-19.4285
APXPS	17.8529	-10.7733	15.1166	25.1721	-46.7855	129.961	7.60275	-2.92909	-4.7906	5.95757	-.01052	11.8899
BSAN	-29.2784	-62.9513	-.700599	64.8932	12.4155	7.60275	187.538	72.5238	29.8411	16.4016	1.60741	-16.8721
BSPS	14.4775	-7.37713	13.0866	17.8954	-9.76519	-2.92909	72.5238	100.568	7.104	27.8363	-5.51153	-16.6268
SVINS	-30.5125	-29.5149	-17.4624	10.8666	20.5218	4.7906	29.8411	7.104	147.083	35.3723	-15.9034	-23.8629
RBEGV	6.30644	11.9946	42.2008	27.9991	-7.09909	5.95757	16.4016	27.8363	35.1723	151.737	-17.727	20.0338
PINSV	-11.9774	-10.0179	23.1726	32.2928	21.1584	-.01052	1.60741	-5.51153	-15.9034	-17.727	139.038	7.50598
PTLIN	14.3664	19.7786	40.4379	25.0267	-19.4285	11.8899	-16.8721	-16.6268	-23.8629	20.0338	7.50598	135.286
IRTLR	-11.6495	-2.20957	32.2567	47.9982	-1.0662	14.4762	8.83313	4.84185	1.76668	10.057	13.7707	-4.52176
NFLOR	10.5917	6.19053	-3.34574	-10.892	-11.1598	4.95008	18.9258	30.176	1.66761	-7.91161	-14.9995	-2.62723
CORLLN	-18.0031	-19.6343	-2.9665	16.0566	12.6285	5.84178	31.7559	15.7732	14.8566	5.91674	9.54429	8.84027
CORLWD	-11.3785	-5.55791	-11.7667	6.69721	19.3727	13.5909	19.4316	16.911	11.3282	4.59833	-6.85961	-8.53393
CORTWD	-6.82983	-9.98082	2.8858	13.0701	6.46796	-10.8899	13.0962	14.2783	-18.0187	-5.45115	0.3827766	21.1602
STKOLGL	-6.68891	-5.81149	5.78674	8.94097	-2.68277	10.1826	-5.35064	-18.9236	8.08455	2.76741	14.8061	-8.53393
STBOL	4.1831	-1.82942	-10.2966	-13.501	6.164168	-2.68358	9.56208	3.77914	5.08687	-8.19951	-5.78084	7.14498
STBWD	6.19623	-6.66274	-6.20659	-.3459644	23.8883	-3.95172	7.58214	16.0175	-9.58257	-16.8851	14.6698	10.5023
ACKLN	17.1598	8.86083	4.77403	23.1505	-5.93933	-4.81816	26.6017	34.9927	-8.45016	-16.9682	-17.3087	12.1815
ACKWD	26.5809	10.6083	-3.14783	-12.3724	5.07075	-23.1623	11.8569	12.5666	-10.1111	9.11798	-21.9697	16.6571
NVPAC	-2.2669	-7.02307	-10.9367	6.38637	8.84165	-3.16659	-1.77167	-1.91528	-6.52604	-12.702	14.9784	-4.429969
CRWDWD	-1.07253	-16.8263	-3.83709	13.7317	27.0678	-8.87847	16.2544	2.30892	5.90936	1.19882	14.7675	2.92581
CRNWND	-1.19031	-7.4	-.7	15.9623	9.78688	-3.24659	9.60499	17.0912	5.70059	16.0542	20.3921	-13.7774
WNROFND	-4.82.21	-1.09547	14.7617	19.9623	-6.689268	0.4805933	-1.68815	-6.6119	4.76895	6.71689	9.808606	8.81349
IBLWR	6.9451	5.19737	-10.796	-16.6284	-10.1303	8.05882	16.7272	19.1697	1.69153	-3.79728	-7.3207	6.18971
OBLWR	-2.406	2.3999	-3.26179	-7.25349	-26.1039	19.6695	8.31737	19.1044	-6.05951	-8.61519	-7.70061	-8.28952
INVLWR	6.68891	5.98787	-.1432858	-9.19661	-7.7617	9.39238	5.81676	-.9486683	-7.13917	9.13917	-1.89998	16.2859
CRLLWR	-10.6506	-10.2062	4.111755	12.7215	1.35207	11.5272	18.6332	4.79255	22.5917	4.3776	11.1645	15.2056
ACLWR	6.23051	1.7934	-18.4886	-20.8665	-11.9434	14.3455	12.4234	27.033	-13.7507	-18.5227	-29.9085	1.15193
CORLWR	8.18826	6.23104	-8.28826	-15.6821	-8.1587	0.0096119	8.73269	14.3563	-1.27197	-3.38968	-6.15175	6.11948
STLLWR	12.7548	2.92732	-17.1083	-19.7211	4.31707	-8.1743	19.4877	20.2965	-8.53208	-14.3831	-16.8843	13.2754
TFLFLR	-5.62857	-5.55387	-8.50296	0.2821128	3.03799	5.10688	-1.88545	-.7117417	1.91528	-6.6517	-7.85833	-5.16523
INFLWR	20.2317	19.5093	16.1339	-9.04868	-17.9151	7.85289	-7.10922	-11.3168	-11.516	1.0205	14.1497	14.1497
LRNFWR	.0816444	-2.83773	-11.8837	-7.445009	2.09572	0.1669033	16.8389	16.8196	0.1375711	-6.729204	-3.658208	-7.206607



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VARIABLE	INTLN	WTLOAD	CORLND	CORLWD	STMKLOL	STBLN	STBWD	ACMALN	ACMAWD	NVPAC	CRWDWD
RACMLEN	23.8382	11.2277	10.2312	-20.0726	4.39276	43.2759	6.91255	25.4651	19.289	-1.77299	-10.9911	18.9164
INTNDLN	13.6744	0.3564746	16.0512	-13.1507	-2.29722	20.9698	-13.7602	20.9083	-14.8233	-2.14693	-6.2321192	32.6258
RBN	-9.76943	2.84.4389	20.537	10.9413	9.38211	19.883	15.723	26.9068	27.5204	5.4184	9.43133	14.0177
LBIRW	6.59322	3.96657	8.90329	20.5657	7.87833	18.2984	7.4393	18.297	9.48316	31.7188	17.4687	44.1841
OBRW	-8.35699	22.6915	-2.09192	12.3013	5.97202	-7.79155	21.0388	6.75602	34.5776	26.5302	18.6858	7.6934
INNXW	-1.24664	36.0372	19.7459	7.45055	4.13146	13.723	22.9505	15.9551	33.1019	24.8482	7.16535	25.0757
PNKL	-11.1677	18.4584	-2.908609	19.3137	4.40786	-4.24572	12.6894	7.56332	26.2913	13.1782	13.1318	3.71764
LBRF	8.76535	15.2959	-4.81243	0.3466643	-29.5702	-6.1698	11.238	0.3117495	19.9952	-0.016729	12.6809	-13.3244
INFL	-8.30853	11.2281	27.8996	15.09	19.9317	16.8961	18.1918	19.8296	65.0037	33.9796	10.007	20.8277
INFW	-3.05979	38.0163	17.8219	20.7064	9.68617	8.67818	27.0133	27.1976	61.9716	30.8591	8.8375	30.745
VANDS	-4.09179	14.4592	17.6617	-9.24894	-25.8712	12.07.07	6.33464	-1.44767	0.1955887	-8.65807	12.1866	19.9984
VANGS	-19.9706	5.91632	1.21951	1.58236	-9.78937	-3.8303	16.508	-9.22943	1.7872	16.5114	-10.1618	-17.5545
BIINL	-11.6495	10.5977	-16.0017	-17.2765	-8.42953	-3.86009	4.31831	6.19823	17.1528	6.3869	-4.26969	-1.4253
LNWDRL	-3.29851	6.19153	-19.6343	-15.1879	-9.98082	-5.61149	-1.22992	-6.64711	5.88283	10.6083	-1.76267	-16.8868
WXLWL	18.2827	2.4.2.5	20.4556	11.3407	8.8958	5.784.76	-10.2964	-6.21665	11.7458	10.1407	-3.43705	13.7317
NXSDL	11.8965	-10.892	18.0666	9.65721	13.0701	8.93057	-13.501	-1.965944	-23.1505	-12.3726	-6.38657	13.7317
APXAM	-11.0462	-14.1584	12.6285	16.3727	0.467.96	-6.4977	6.13618	23.8883	-9.93495	-3.07727	5.621.66	27.0878
APXPS	-11.4749	4.95088	5.84178	-8.73298	-10.6899	10.9486	5.68582	-5.95725	1.13616	-23.1823	-19.2505	-8.47847
BSAN	6.82312	18.9258	17.7599	19.4319	13.0962	-5.35064	9.56284	7.58214	18.6057	11.8569	-5.77665	18.2544
BSPS	-4.4185	30.174	16.2316	16.7316	14.2783	-10.9831	5.71914	16.0175	30.2927	18.5868	-4.7273	2.34942
XWINS	688	1.56761	14.8566	-10.3287	-18.0187	8.04465	5.06987	-9.52257	-8.36516	-10.1111	-6.59605	5.90936
XB.TW	-.057	-1.5115	5.71674	9.19933	-5.45113	8.57761	-9.11951	-16.8431	-10.9682	9.11768	-12.702	1.12882
PIRCL	.7787	-14.9255	9.54929	-6.16548	0.3277.48	14.8061	-5.78584	18.6698	-37.6087	-21.9697	1.47874	19.7675
PTLLN	.40176	-2.96773	8.84627	-4.53399	21.1606	-4.60303	7.14698	10.5053	18.1815	16.65071	-1.440969	2.92581
INTLN	12.238	5.77972	8.82894	-16.6561	-10.1369	-11.6257	-.685786	-4.27011	1.45892	-17.7978	-8.27682	8.79873
WFLOR	-.77972	62.5048	5.38025	2.48568	.0732957	-7.08468	8.86822	6.66298	20.1998	1.67799	-1.26957	4.93835
CORLLN	8.62898	9.38029	129.139	52.8878	54.3951	31.5784	16.4807	25.9633	22.1165	26.6087	2.7893	39.337
CORLWD	-16.6961	-2.95568	52.8878	147.078	73.517	11.34	19.06072	35.4115	16.0981	18.9487	22.1201	50.8707
CORTHD	-10.3369	-.0732957	54.3951	73.517	148.272	19.2696	24.7815	48.3.94	23.0985	50.2334	10.9466	43.0206
STMKLOL	-11.2297	-7.08468	31.5784	11.34	19.2696	149.958	16.1008	20.5841	1.83076	14.569	29.8798	56.5163
STBLN	-.655786	8.86822	16.4807	-.706472	24.7815	16.1008	81.8878	13.6337	48.2062	32.6722	14.1887	21.3868
STBWD	-6.27011	6.66298	25.9633	35.4115	48.3.94	20.5841	13.6337	107.76	72.1913	58.3135	19.8736	62.1566
ACMALN	1.45892	20.1998	22.1165	16.0981	23.0985	1.83076	48.2062	18.1912	132.853	64.4004	2.53336	61.0015
ACMXWD	-17.8978	1.67799	26.6027	18.9487	50.2334	14.569	32.6722	22.1335	64.4004	148.959	17.057	48.8166
NVPAC	-4.27622	-1.26957	2.7893	22.1201	10.9466	29.8798	14.1887	19.8736	2.83336	17.057	81.1256	29.0468
CRWDWD	8.79873	-4.93835	39.337	59.8707	43.0206	29.5163	21.3868	69.1568	61.0015	48.8166	29.0468	138.759
CRWNWD	22.7783	2.0.2.3	26.4.55	27.8.68	32.0.52	29.4.47	4.90425	35.0.83	61.2.35	54.4.18	19.4.23	62.3496
RNROFHD	17.4671	-12.2837	-1.52834	-13.5382	0.19699	-3.70959	-9.17279	1.0817	-11.1571	-4.27332	-12.1592	-6.38133
TBLWR	-13.2865	23.1577	19.0137	1.09337	1.91814	0.8.48955	21.2037	2.68129	34.1908	3.40314	-1.68707	10.8113
OBLWR	0.6669.74	13.8301	5.56166	-3.10361	3.32901	-5.74	11.2771	-5.03981	14.8568	-19.3288	-4.89901	-15.8982
INVLWR	-8.88206	19.5804	11.6613	1.93842	3.7722	3.56751	7.65857	-9.19511	2.01612	-14.1509	-1.132668	-17.9332
CRLLWR	18.7353	8.06581	101.735	-34.1429	12.2118	25.8036	16.9394	5.26686	10.9178	-2.33725	-15.2135	5.87613
ACLWR	11.1133	31.6879	9.17478	-7.7186	-1.99305	-6.71871	35.643	10.4552	111.794	-8.86479	-6.45056	-5.71119
CORLWR	-3.80813	23.7297	12.0868	-6.43699	9.35227	8.93397	25.5417	-2.74666	29.9845	6.43394	0.9037.42	-21.3549
STLLWR	-6.81715	29.7885	5.07885	11.0935	14.6716	-61.251	23.589	12.5561	44.9849	17.1689	6.23472	-2.868
TFLPLR	9.80017	-1.62758	-6.33996	0.0411	12.4249	-9.51001	6.48053	4.76526	26.3884	19.636	-7.88768	1.14699
INFLWR	-1.9301	-17.0031	13.6769	13.7316	8.11538	20.5732	-17.8948	-8.1.7	2.997338	-1.8207	3.4.8	-28.178
LRNFRW	-9.13193	16.8822	28.7264	13.8956	10.0991	9.05643	16.3295	13.7316	25.633	10.0901	18.287	25.1401

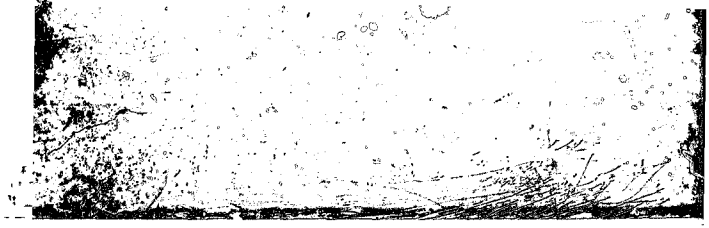


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	CRMNHD	NWHOME	IBLWR	OBLWR	INVLWR	CRLLWR	AOLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACNLEW	-8.2328	59.5654	-2.66231	-7.42661	-17.1877	21.5891	1.1461	2.94207	1.28301	15.6155	11.375	-9.76283
INTNDLW	9.33858	38.1139	4.81166	-10.6268	-16.6081	29.1987	-1.94008	-6.59209	-22.0655	-2.78203	37.2989	2.1385
NBR	-3.68672	-13.0301	26.016	7.13447	19.866	14.8785	21.379	23.7443	15.9746	-7.82309	17.091	19.9972
IBRW	10.6372	-11.9086	-29.8813	-12.9414	-29.0583	-1.54808	-12.9457	-3.36282	-3.176	-9.73605	-3.40921	15.816
OBRW	-12.8804	-15.5636	16.4555	-32.8681	-6.24761	-9.45287	11.626	22.8518	27.9581	-7.19336	14.5285	23.7071
INBRW	-4.01989	-16.6553	15.1081	-2.01822	-14.807	16.4062	28.0818	18.7899	19.4605	-3.39387	-5.89067	27.1202
PMXL	-1.9408	-10.1857	11.284	8.15767	2.85122	-14.6181	22.7749	7.73091	16.2408	9.80594	-5.59916	23.232
LBRF	8.00677	-11.8278	16.5957	10.8181	5.16727	-5.62079	22.2474	19.5309	22.1954	-2.96171	16.008	7.60963
INFL	-13.9914	-17.7968	35.3787	11.2634	14.5516	19.3466	21.6542	14.8629	35.0434	-0.23063	19.7308	29.1108
INFW	-1.56092	-10.1378	15.6353	6.13899	-11.53	5.75989	21.9991	15.8261	25.0182	8.51828	-60.2197	17.3611
VANGS	15.5823	-1.06718	0.445827	8.340993	2.570779	5.16505	3.78893	0.3822885	-8.672008	0.6855556	5.907553	8.0409
VANGS	-5.3042	-8.83515	5.4957	8.529456	7.1235	0.2666841	-5.020855	8.24091	3.659108	-5.54606	10.5332	9.03097
SHINL	1.19031	-9.82321	6.4451	-8.408	6.86051	-10.8506	6.23053	8.18826	12.7598	-6.82897	20.2111	.08168NN
LWIDN	-6.12007	-1.09887	9.14717	12.3999	5.08787	-12.0063	1.7934	6.23109	2.207112	-5.55187	9.29803	-2.81773
NXLBL	13.679	14.7617	-10.956	-3.26179	-4.143258	4.11755	-18.8886	-8.82456	-17.1023	-8.50296	16.1338	1.8837
NXWDL	16.8193	-19.9623	-16.6804	-2.25186	-6.19661	12.7235	20.8666	-15.6831	-19.1751	0.2227202	11.94958	-7.16026
APPAN	9.38608	-1.689268	8.81303	26.1035	-7.76117	11.36207	11.9454	-6.1507	-3.10707	-3.03799	-17.8131	4.09572
APXPS	-3.36559	0.4805903	4.054882	19.6695	9.39238	11.5572	14.3455	0.0064139	-8.17437	4.10688	0.852715	0.7669033
ISAN	3.60859	-1.68819	18.7272	8.41737	3.81676	10.6132	12.9238	8.753892	13.9477	-1.08545	-1.45922	16.2389
BSPS	17.0083	-6.61715	19.1691	19.1099	-4.946683	4.79353	27.033	14.3563	26.2985	-7.17947	-11.3066	15.8162
SVINS	-9.72059	4.76695	1.63153	6.05951	-4.739918	25.5917	-3.76007	-1.87197	-6.58858	1.91584	-11.816	0.3375477
NSECV	12.0542	6.71689	-3.76728	-8.61519	9.13917	4.3776	-18.5027	-3.38948	-14.3838	-6.6517	7.6205	-6.72904
PINSV	20.2931	5.898606	-7.1907	-7.70961	-1.259988	18.5645	28.9065	4.35179	-16.8963	-7.85833	8.26826	1.65828
PTLLN	-13.7574	8.81349	6.18971	-6.29952	16.2859	11.2056	1.15193	6.11286	13.2754	-5.16523	14.3757	-7.20668
INTLN	22.7783	17.9671	-13.2965	0.946971	-14.88004	10.7353	11.1133	-3.94813	-1.81715	9.80017	-1.9301	-9.13193
NFLOR	-13.3963	-12.2037	23.1577	13.2301	-13.9844	8.08581	31.6879	23.7997	29.7865	-1.62758	-17.2031	18.8822
CORLLN	25.2765	-3.56638	19.9117	5.56166	11.1611	1.0021	19.1767	12.0983	5.07841	-6.72996	13.6709	2.7349
CORLWD	52.2386	-13.5382	1.09337	-3.10361	1.93842	-34.1492	-7.7386	-6.43695	11.0935	0.4412	-13.7318	15.8256
CORTWD	38.8946	-8.39409	1.91881	3.39601	-3.7722	12.2118	-1.69305	2.35297	15.6716	12.4299	2.1514	10.0961
STMXLOL	22.9367	-3.70958	0.8958855	-5.74	1.56751	15.8056	-6.71871	6.992397	-61.251	-9.31001	20.4016	9.05443
STBLW	-4.96825	-9.17379	21.3837	11.1147	4.65872	12.9339	34.643	25.3817	22.1554	6.2011	5.6788	16.3095
STBWD	19.0716	4.0811	2.54139	-3.03581	-9.91911	5.26686	10.4522	-2.74666	15.5561	9.78564	-17.8948	13.7316
ACMKLN	-21.2135	-11.1571	34.1908	16.4568	2.01612	10.9178	111.796	29.9045	49.9649	36.3839	-3.30697	25.603
ACMKWD	24.2518	-4.87332	6.44571	-19.5288	-6.33725	-9.86479	6.41396	17.1485	17.1958	6.1	-7.997138	4.5001
NVPAO	12.4713	-12.1542	-1.69709	-4.89901	-1.132069	-15.2135	-4.45056	0.903742	-5.53412	-7.88748	1.0207	18.267
CRMXNL	62.3496	-6.81313	-1.9313	-15.8982	-17.9032	-2.47613	-1.21119	-21.1349	-2.863	1.74694	-32.781	25.1401
CRMNHD	186.278	13.1092	-19.9509	-1.57418	-21.768	-5.38431	-36.8853	-27.8433	-27.3776	8.79372	-14.748	-10.8519
NWHOFHD	13.1082	57.4576	-13.1504	4.20108	1.06671	4.00439	-10.2088	-14.3661	-13.7721	17.858	-9.32704	-82.7669
IBLWR	-19.9509	-13.1504	71.1006	28.7047	36.7789	18.3215	23.9328	12.7315	39.3484	-9.23277	28.8002	17.7078
OBLWR	-1.57418	4.29108	28.7047	113.477	27.8614	6.58608	25.5187	14.6271	17.2882	5.82953	10.0892	-4.46896
INVLWR	-21.765	1.06671	36.7789	27.8614	84.2305	11.1166	8.74276	20.196	13.3345	-8.24258	64.6176	-1.9647
CRLLWR	-5.38431	4.00439	18.3215	6.58608	11.1166	101.738	12.0596	16.1482	-1.6655	-9.31504	29.5298	10.8346
AOLWR	-36.8853	-10.2088	23.9328	25.5187	8.74276	12.0596	129.928	29.1074	40.8442	30.0298	-7.27172	21.6712
CORLWR	-27.8433	-14.3661	12.7315	14.6271	20.196	16.1482	29.1074	43.9459	32.2998	-10.0016	28.6068	19.9686
STLLBR	-27.3776	-13.7721	39.3484	17.2882	13.3345	-1.6655	40.8442	32.2998	81.081	3.81579	6.47461	18.8048
TFLPLR	8.79172	-17.858	-9.23277	5.82953	-8.24258	-9.31504	30.0298	-10.0016	3.81579	53.2339	-16.4566	-7.39696
INFLWR	-14.748	-9.32704	28.8002	10.0892	64.6176	29.5298	-7.27172	28.6068	6.47461	-16.4566	167.076	15.0532
LRNFHR	-10.8519	-82.7669	17.7078	-4.46896	-1.9647	10.8346	21.6712	19.9686	18.8048	-7.39696	15.0532	62.4214



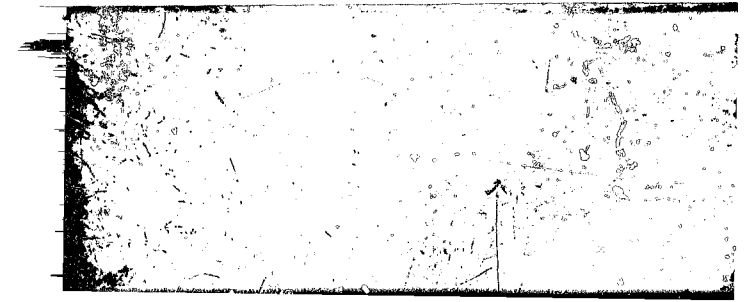


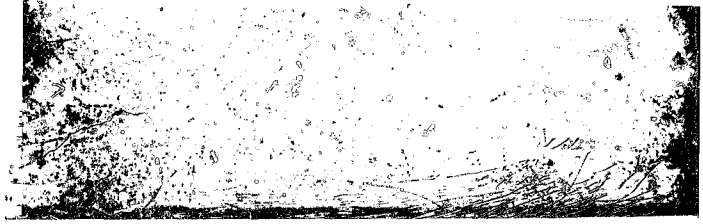
CANONICAL DISCRIMINANT ANALYSIS

UNIVARIATE STATISTICS

VARIABLE	MEAN	TOTAL STD	WITHIN STD	BETWEEN STD	R-SQUARED	RSQ/(1-RSQ)	F	PROB > F
RACMLEN	1.81082E-14	1.00000000	1.002968.	0.10692829	0.007573	0.008	0.551	0.5719
INTNDLN	1.41116E-14	1.00000000	1.00297148	0.09207679	0.005390	0.005	0.321	0.6579
NBR	1.19046E-14	1.00000000	0.63933179	0.94298467	0.596741	1.480	108.765	0.0001
IBRH	7.96215E-15	1.00000000	0.65977953	0.63504577	0.670067	0.271	27.277	0.0001
DBRW	4.37230E-15	1.00000000	0.71390478	0.86069725	0.497181	0.989	72.676	0.0001
INNNX	1.08728E-14	1.00000000	0.54151854	1.02896770	0.710587	2.455	180.462	0.0001
PNKL	7.35216E-15	1.00000000	0.75754858	0.80398795	0.633823	0.766	56.318	0.0001
LBNP	1.32028E-14	1.00000000	0.80059960	0.73969167	0.267012	0.580	42.616	0.0001
INFL	6.83157E-15	1.00000000	0.62484479	0.55735547	0.615096	1.598	117.437	0.0001
INFV	1.30455E-14	1.00000000	0.70518979	0.87156766	0.518161	1.050	77.165	0.0001
VANGS	4.76471E-17	1.00000000	1.00340354	0.00340354	0.000176	0.001	0.057	0.9495
VANGB	1.41593E-16	1.00000000	0.95822997	0.37965577	0.098120	0.109	7.637	0.0007
SHINL	6.89283E-14	1.00000000	0.96253963	0.42905837	0.123551	0.141	10.361	0.0001
LBWGRL	2.58560E-14	1.00000000	0.67226637	0.60734489	0.269645	0.370	26.194	0.0001
KXLNL	1.45617E-14	1.00000000	0.54089710	0.67235382	0.303395	0.436	32.031	0.0001
KXWDL	6.10549E-15	1.00000000	1.00021576	0.09081698	0.001118	0.001	0.080	0.9211
APKAN	-9.7412BE-16	1.00000000	0.92078349	0.49361190	0.193538	0.196	14.370	0.0001
APKPS	1.23565E-14	1.00000000	0.94026027	0.43613594	0.187778	0.166	10.767	0.0001
BSAN	1.88498E-17	1.00000000	0.93195463	0.46320725	0.184038	0.168	12.368	0.0001
BSPS	1.80137E-13	1.00000000	0.97785860	0.29047382	0.056628	0.060	4.412	0.0138
BVINS	2.73272E-15	1.00000000	1.00028180	0.13864078	0.012867	0.013	0.958	0.3866
RSEGV	3.01981E-16	.00000000	0.91002317	0.52211079	0.182974	0.224	16.660	0.0001
FINBV	2.00825E-15	.00000000	0.97254077	0.31562910	0.065860	0.072	5.266	0.0068
PTLLN	6.84638E-15	.00000000	0.99932905	0.37032555	0.092941	0.101	7.451	0.0008
INTLN	5.38319E-15	.00000000	1.00089498	0.05116328	0.001757	0.002	0.129	0.8788
NFLOR	2.47062E-15	.00000000	0.65238876	0.92970517	0.580102	1.382	101.942	0.0001
CORLLN	1.09710E-14	1.00000000	0.93788306	0.49365197	0.113292	0.154	11.296	0.0007
CORLWD	8.81038E-14	1.00000000	1.00025248	0.13571776	0.012923	0.013	0.962	0.3844
CORTWD	2.54858E-14	1.00000000	1.00031554	0.08535194	0.005809	0.005	0.361	0.6973
STNKLGL	1.29667E-14	1.00000000	0.91826631	0.50842869	0.168069	0.202	14.849	0.0001
STBLN	5.16745E-15	1.00000000	0.74633607	0.81292057	0.450116	0.820	60.344	0.0001
STBWD	2.21879E-14	1.00000000	0.98194668	0.26943951	0.048123	0.051	3.765	0.0254
ACHKLN	1.72456E-14	1.00000000	0.95066228	0.30183902	0.068172	0.122	8.939	0.0002
ACHKWD	6.88869E-14	1.00000000	1.00062193	0.08119680	0.005302	0.005	0.388	0.6781
NVPAC	2.44471E-14	1.00000000	0.74288266	0.82385938	0.455533	0.837	61.496	0.0001
CRNKWD	1.29662E-14	1.00000000	0.97150382	0.23808145	0.054134	0.057	5.425	0.0053
CRKNWD	3.93166E-14	1.00000000	0.99753484	0.16504135	0.018281	0.019	1.369	0.2577
WNKFWD	7.02669E-15	1.00000000	0.62519960	0.94559177	0.614178	1.593	117.101	0.0001
IBLVR	1.12236E-14	1.00000000	0.69546917	0.88260652	0.382815	1.096	80.528	0.0001
OBLVR	8.04390E-15	1.00000000	0.87860719	0.59801394	0.338411	0.513	23.009	0.0001
HNVLWR	1.44181E-14	1.00000000	0.75741454	0.80417357	0.438084	0.767	56.364	0.0001
OBLLWR	2.00679E-14	1.00000000	0.90991909	0.46778024	0.196858	0.178	12.652	0.0001
AOLWR	1.95546E-14	1.00000000	0.94614037	0.43671506	0.128000	0.147	10.789	0.0001
CORLWR	7.96324E-15	1.00000000	0.54618500	1.00095883	0.705061	2.391	175.709	0.0001
STLLBR	1.03384E-16	.00000000	0.72657847	0.68913003	0.958832	0.838	61.569	0.0003
TFLPLR	7.73095E-15	1.00000000	0.60177701	0.97860161	0.642705	1.799	132.284	0.0001
INFLWR	2.57439E-16	1.00000000	1.00025213	0.13877547	0.012925	0.013	0.962	0.3844
LRNFHR	6.98700E-15	1.00000000	0.65164040	0.93867635	0.581065	1.387	101.945	0.0001

AVERAGE R-SQUARED: UNWEIGHTED = 0.2534857 WEIGHTED BY VARIANCE = 0.2534857





CANONICAL DISCRIMINANT ANALYSIS

CLASS MEANS

SPECIES	RAGMLEN	INTNDLN	NBR	IBRW	OBRW	INMXW	PMXL	LBRP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.05768	0.04173	0.50182	0.27888	0.44721	0.55208	0.61618	0.38491	0.51657	0.46864	0.00817	0.19677
TRANSVAA	0.12871	-0.03438	-1.35610	-0.18891	-0.71539	-1.06070	-1.28835	-1.11937	-1.29462	-1.21954	0.01756	-0.35662
UNIFLORA	0.13305	-0.15761	-0.78995	-1.31704	-1.67103	-1.53979	-0.89348	-0.48266	-0.97076	-0.81061	-0.07455	-0.27104

SPECIES	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
DISCOLOR	-0.22332	-0.32986	-0.36472	-0.02176	0.25816	-0.22628	0.29054	0.14639	0.06823	-0.24070	-0.13577	0.15177
TRANSVAA	0.63846	0.74523	0.86100	0.05833	-0.74066	0.66936	-0.51712	-0.20308	-0.22303	0.21798	0.52468	-0.63034
UNIFLORA	0.36871	0.74659	0.76794	0.03500	-0.33965	0.27383	-0.64316	-0.50389	-0.04729	1.09164	-0.08729	0.15361

SPECIES	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMXLN	ACMXWD	NVPAC	CRMXWD
DISCOLOR	0.02603	0.09695	0.14757	0.06693	0.02638	0.25101	0.48033	0.14282	0.19870	-0.01150	0.44167	[illegible]
TRANSVAA	-0.07998	-0.82980	-0.75118	-0.07698	0.02329	-0.79414	-1.13333	-0.25374	-0.66556	0.08510	-1.15968	[illegible]
UNIFLORA	-0.02600	-1.42688	0.31589	-0.26869	-0.18869	-0.21493	-0.78116	-0.43048	-0.14382	0.02741	-0.75734	[illegible]

SPECIES	CRMNWD	NWNDFWD	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	
DISCOLOR	-0.02935	-0.90815	0.45657	0.29671	0.00518	0.11777	-0.21765	0.54845	0.48749	-0.52734	0.06852	[illegible]
TRANSVAA	0.25071	0.91325	-1.34958	-1.01382	-0.96221	-0.75623	-0.69708	-1.44626	-1.02212	1.33494	-0.84978	[illegible]
UNIFLORA	-0.22039	1.51536	-0.53661	0.15161	1.16700	0.49590	-0.17316	-0.91907	-0.99556	0.97030	-0.88381	-1.24993

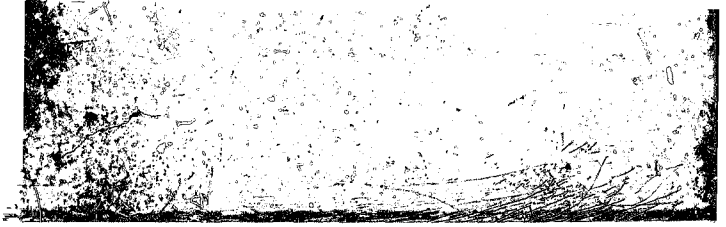
TOTAL-STANDARDIZED CLASS MEANS

SPECIES	RAGMLEN	INTNDLN	NBR	IBRW	OBRW	INMXW	PMXL	LBRP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.0577	0.0417	0.5016	0.2789	0.4472	0.5521	0.6161	0.3849	0.5166	0.4686	0.0082	0.1968
TRANSVAA	0.1287	-0.0344	-1.3561	-0.1889	-0.7154	-1.0607	-1.2884	-1.1194	-1.2946	-1.2195	0.0176	-0.3566
UNIFLORA	0.1330	-0.1576	-0.7899	-1.3174	-1.6710	-1.5396	-0.8935	-0.4827	-0.9708	-0.8106	-0.0745	-0.2738

SPECIES	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
DISCOLOR	-0.2251	-0.3299	-0.3647	-0.0218	0.2582	-0.2263	0.2905	0.1464	0.0682	-0.2407	-0.1358	0.1518
TRANSVAA	0.6385	0.7452	0.8610	0.0583	-0.7406	0.6694	-0.5171	-0.2031	-0.2230	0.2180	0.5247	-0.6303
UNIFLORA	0.3687	0.7466	0.7679	0.0350	-0.3396	0.2736	-0.6432	-0.5039	-0.0473	1.0916	-0.0873	0.1536

SPECIES	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMXLN	ACMXWD	NVPAC	CRMXWD
DISCOLOR	0.0260	0.0969	0.1476	0.0670	0.0264	0.2510	0.4803	0.1428	0.1987	-0.0115	0.4417	0.1381
TRANSVAA	-0.0800	-0.8298	-0.7512	-0.0761	0.0233	-0.7941	-1.1333	-0.2537	-0.6656	0.0851	-1.1536	-0.0625
UNIFLORA	-0.0260	-1.4269	0.3159	-0.2685	-0.1887	-0.2149	-0.7812	-0.4305	-0.1438	0.0274	-0.7573	-0.2775





CANONICAL DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	CRMNWD	NWNOFHD	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFMR
DISCOLOR	-0.0209	-0.5082	0.9366	0.2467	0.0052	0.1178	0.2176	0.5484	0.4475	-0.5273	0.0625	0.5042
TRANSVAA	0.2907	0.9133	-1.3496	-1.0138	-0.9623	-0.7568	-0.6971	-1.4962	-1.0221	1.3349	-0.0498	-1.0693
UNIFLORA	-0.2204	1.5154	-0.5386	0.1516	1.4670	0.4959	-0.1732	-0.9191	-0.9956	0.9703	-0.2838	-1.2499

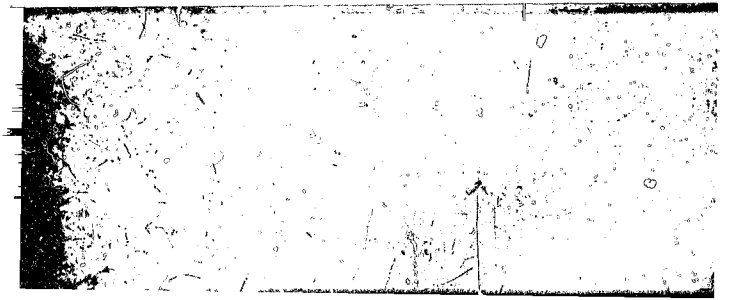
WITHIN-STANDARDIZED CLASS MEANS

SPECIES	RACMLEN	INTNDLN	NBR	IBRW	OBRW	INNRW	MXCL	LBRP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.9575	0.0416	0.7849	0.3844	0.6264	1.0193	0.5493	0.6805	0.8270	0.6664	0.0081	0.2053
TRANSVAA	0.1283	-0.0362	-2.1211	-0.2197	-1.0021	-1.9589	-1.6215	-1.3015	-2.0726	-1.7593	0.0175	-0.5809
UNIFLORA	0.7327	-0.1269	-1.2256	-1.5323	-2.0605	-2.8429	-0.6514	-0.6026	-1.5941	-1.1528	-0.0741	-0.2829

SPECIES	SHINL	LNWDRL	MXLNL	NXWDL	APKAN	APKPS	USAN	BSPS	SVINS	NSECV	PINSV	PTLLN
DISCOLOR	-0.2391	-0.3777	-0.4340	-0.0216	0.2604	-0.2907	0.2690	0.1497	0.0682	-0.2645	-0.1396	0.1582
TRANSVAA	0.6776	0.8534	1.0845	0.0580	-0.8043	0.7068	-0.5352	-0.2077	-0.2330	0.2395	0.5498	-0.6571
UNIFLORA	0.3275	0.0549	0.9139	0.0348	-0.3689	0.2910	-0.0909	-0.5419	-0.0473	1.1556	-0.0486	0.1080

SPECIES	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMKLOL	STBLN	STBWD	ACMXLN	ACMXWD	NVPAC	CRNKWD
DISCOLOR	0.0259	0.7617	0.1579	0.0669	0.0261	0.2733	0.5900	0.1454	0.2090	-0.0119	0.5945	0.1350
TRANSVAA	-0.0795	-1.4252	-0.6014	-0.0767	0.0232	-0.8668	-1.5105	-0.2584	-0.6791	0.0249	-1.5529	-0.0544
UNIFLORA	-0.0258	-2.1841	0.3370	-0.2684	-0.1879	-0.2341	-1.0466	-0.4384	-0.1513	0.0272	-1.0195	-0.6973

SPECIES	CRNWWD	NWNOFHD	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFMR
DISCOLOR	-0.0294	-0.6126	0.6563	0.2808	0.0058	0.1266	0.2315	1.0031	0.6025	-0.8763	0.0625	0.7738
TRANSVAA	0.2913	1.4608	-1.0405	-1.1539	-1.2705	-0.8132	-0.7415	-2.6451	-1.3763	2.2183	-0.0498	-1.6409
UNIFLORA	-0.2209	2.4238	-0.7745	0.1726	1.9369	0.5333	-0.1842	-1.6809	-1.3405	1.6124	-0.2837	-1.9181

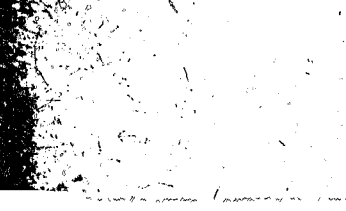


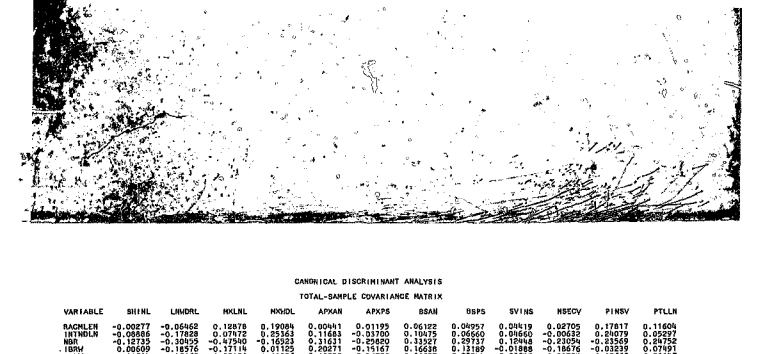


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	RACMLEN	INTNDLN	NBR	IBRW	OBRW	INMOW	PHOL	LBRP	INFL	INFW	VANGS	VANGB
RACMLEN	1.00000	0.62301	-0.03363	0.05986	0.01576	0.02664	-0.01749	-0.01532	0.01286	0.05311	0.09093	-0.09775
INTNVLN	0.62301	1.00000	0.04092	0.13879	0.05851	0.11606	-0.02371	0.00726	0.01808	0.09975	0.02708	-0.09413
NBR	-0.03363	0.04092	1.00000	0.34208	0.99909	0.80799	0.66167	0.90938	0.87825	0.73707	0.15304	0.36511
IBRW	0.05986	0.13879	0.34208	1.00000	0.99188	0.97336	0.80197	0.23101	0.30371	0.36398	0.03911	0.04191
OBRW	0.01576	0.05851	0.99909	0.99188	1.00000	0.77084	0.56145	0.90308	0.90668	0.95114	0.00827	0.18731
INMOW	0.02664	0.11606	0.80799	0.97336	0.77084	1.00000	0.58358	0.55489	0.89059	0.82936	0.06208	0.27802
PHOL	0.01749	-0.02371	0.66167	0.80197	0.56145	0.58358	1.00000	0.60132	0.63909	0.60358	-0.00839	0.17634
LBRP	-0.01532	0.00726	0.90938	0.23101	0.90308	0.55489	0.60132	1.00000	0.59100	0.46741	0.05941	0.14332
INFL	0.01286	0.01808	0.87825	0.30371	0.90668	0.89059	0.63909	0.59100	1.00000	0.83750	0.05182	0.11948
INFW	0.05311	0.09975	0.73707	0.36398	0.95114	0.82936	0.60284	0.46741	0.83750	1.00000	0.03279	0.23591
VANGS	0.09093	0.02708	0.15304	0.03911	0.00827	0.06208	-0.00839	0.05941	0.05182	0.03279	1.00000	0.30465
VANGB	-0.09775	-0.05473	0.36511	0.04191	0.18173	0.27802	0.17634	0.14332	0.11948	0.23591	0.30465	1.00000
SHINL	-0.00277	-0.05266	-0.12752	0.00609	-0.11709	-0.18255	0.17848	-0.09402	-0.16579	-0.12384	-0.00000	-0.19482
LNWDRL	-0.08162	-0.11708	-0.30855	-0.18576	-0.27165	-0.39838	-0.26007	-0.21513	-0.35518	-0.38068	-0.06925	-0.31644
RKLNL	0.12678	0.07672	0.47580	0.17116	0.37101	0.40966	0.40985	0.37518	0.50906	0.40265	0.00260	0.16196
RKWDL	0.19284	0.25363	-0.16523	0.01125	-0.10056	-0.09063	-0.11744	-0.13941	-0.14757	-0.11706	0.08452	0.14997
APXAN	0.00041	0.11483	0.31451	0.20277	0.31595	0.29564	0.20561	0.15354	0.27784	0.12339	0.07901	0.18004
APXPS	0.01195	-0.03700	-0.25820	-0.13167	-0.26733	-0.27780	-0.22506	-0.15306	-0.27699	-0.25756	0.04239	-0.10240
BSAN	0.06182	0.10975	0.33927	0.16638	0.30757	0.42497	0.25097	0.27821	0.41965	0.38110	0.17961	0.31285
BSPS	0.04957	0.06566	0.33117	0.13189	0.29584	0.39760	0.26920	0.27603	0.38477	0.36812	0.24140	0.37329
SVINS	0.09619	0.09560	-0.12648	-0.01868	0.03207	0.09223	0.06291	0.02917	0.07781	0.12629	0.30961	0.21746
WSCOV	0.02705	-0.00632	-0.42054	-0.18676	-0.31295	-0.35059	-0.26403	-0.16059	-0.30562	-0.28236	0.12179	0.11126
PINSV	0.17817	0.29079	-0.23569	-0.03239	-0.19669	-0.23161	-0.19222	-0.21286	-0.29021	-0.28673	0.09539	-0.12227
PTLLN	0.11604	0.05897	-0.24752	0.07969	0.01187	0.17931	0.22600	0.08969	0.20562	0.20868	-0.05109	-0.09372
INTLN	0.15659	0.09565	-0.03358	0.05629	-0.03259	0.02894	-0.04939	0.08116	-0.02387	0.00686	-0.02734	-0.07826
NFLDR	0.08996	0.09517	0.17997	0.28314	0.16852	0.08374	0.05779	0.21609	0.07332	0.02330	0.04280	0.25187
CORLLN	0.04961	0.10972	0.35080	0.06987	0.27687	0.28036	0.19133	0.19694	0.38614	0.30910	0.00368	0.09668
CORLWD	-0.14251	-0.07973	0.16189	0.19668	0.19962	0.13284	0.10525	0.09197	0.17541	0.20460	-0.06141	0.03606
CORTWD	0.02595	-0.01723	0.05071	0.08721	0.07871	0.06834	0.04371	-0.15172	0.13289	0.08677	-0.17171	-0.05834
STMLGL	0.05633	0.11174	0.45799	0.25907	0.42179	0.41363	0.23651	0.20561	0.42197	0.34139	0.12873	0.09887
STBLN	-0.01399	-0.05402	0.04096	0.30020	0.36982	-0.69197	0.52123	0.47767	0.78261	0.66156	0.04832	0.31533
STDWD	0.15211	0.15128	0.13635	0.22812	0.20253	0.18401	0.17648	0.11898	0.20679	0.18956	-0.00834	-0.06169
ACRKLN	0.10353	-0.00627	0.43275	0.11617	0.33932	0.48772	0.39175	0.33176	0.68163	0.64894	0.00134	0.11152
ACRKWD	-0.01039	0.15879	0.05000	0.20238	0.17901	0.12723	0.07723	-0.01083	0.12997	0.19481	-0.05834	0.10371
RKPAC	0.12566	0.03592	0.39510	0.26870	0.35294	0.58910	0.52921	0.49059	0.59568	0.54233	0.00977	0.13792
CRMKWD	0.10916	0.23863	0.02339	0.41268	0.22229	0.35846	0.11537	-0.00074	0.28280	0.32807	0.08048	-0.04459
CRMKWD	-0.05195	0.04981	-0.29788	0.09165	-0.09017	0.00035	0.01669	0.10151	-0.11963	0.04923	0.10606	-0.05698
WNKOFWD	-0.43311	-0.13264	-0.64278	-0.49909	-0.65916	-0.77151	-0.51710	-0.44969	-0.70255	-0.59553	-0.00969	-0.27423
IBLWR	-0.07755	-0.01150	0.12985	-0.11227	0.03010	0.04053	0.05198	0.04501	0.09353	0.01651	0.00599	0.00956
OBLWR	-0.08186	-0.06120	0.37953	-0.15851	-0.03423	0.25946	0.35139	0.34330	0.33941	0.33937	0.05068	0.19218
INVLWR	-0.11926	-0.13835	0.23535	-0.39333	-0.17164	-0.20261	0.15932	0.13996	0.16161	-0.00592	0.00089	0.16834
GRLLWR	0.12083	0.16614	0.28650	-0.03954	-0.01314	0.21398	0.08110	0.12408	0.29813	0.20193	0.02837	0.08083
ACLWR	0.11963	-0.01194	0.41388	0.01116	0.27005	0.44349	0.38728	0.36918	0.61508	0.59695	0.02993	0.04787
CORLWR	-0.05477	0.00191	0.80773	0.20181	0.67963	0.79669	0.59981	0.63892	1.89136	0.70706	0.00920	0.31206
STLLBR	-0.05053	-0.10589	0.61983	0.28056	0.64172	-0.69197	0.53486	0.54824	1.78890	0.69187	-0.05006	0.25347
TFLPLR	0.17612	-0.07808	-0.67002	-0.36982	-0.96478	-0.67256	-0.45335	-0.48558	-0.63025	-0.51628	-0.00301	-0.28305
INFLWR	-0.09462	-0.03059	0.17638	0.06568	0.22615	0.19178	0.09728	0.09933	0.15159	0.12655	0.04841	0.09377
LRNFWR	-0.13177	0.06428	0.70258	0.48166	0.68237	0.82196	0.65056	0.48569	0.78390	0.64891	0.06547	0.28532

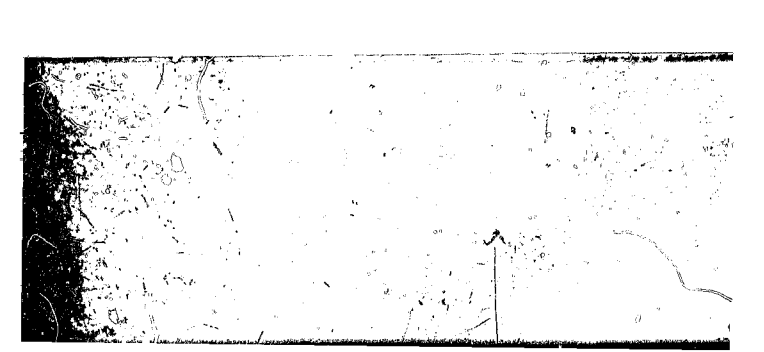




CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	SHINL	LNHDRL	MXLNL	MXHDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RAGNLEN	+0.002277	+0.05462	0.12878	0.19084	0.00941	0.01193	0.06122	0.04957	0.04419	0.02705	0.17817	0.11604
INTNDLN	+0.08886	+0.17828	0.07672	0.25363	0.11683	+0.03700	0.10475	0.06560	0.09660	+0.00632	0.24079	0.05297
NBR	+0.12735	+0.30955	+0.47590	+0.16923	0.31611	+0.25820	0.33527	0.27937	0.12448	+0.23569	+0.23569	0.29752
IBRM	0.08669	+0.19576	+0.17114	0.01125	0.20271	+0.15167	0.16638	0.13189	+0.01888	+0.18676	+0.03239	0.07981
GBRM	+0.11704	+0.27163	+0.37121	+0.10056	0.15595	+0.26723	0.30757	0.25544	0.03807	+0.31895	+0.19669	0.21147
INNNW	+0.18255	+0.38438	+0.10646	+0.09063	0.09066	+0.27780	0.42857	0.34760	0.09225	+0.35959	+0.23161	0.17551
PRKL	+0.17848	+0.26007	+0.44985	+0.17704	0.00387	+0.02568	0.25097	0.24920	0.06841	+0.26803	+0.19222	0.22600
LBRP	+0.09402	+0.21513	+0.37518	+0.14991	0.19354	+0.19306	0.21821	0.27403	0.09917	+0.16089	+0.21086	0.08560
IRFL	+0.16575	+0.35513	+0.30969	+0.14194	0.27704	+0.21959	0.41065	0.38117	0.07781	+0.30965	+0.29021	0.26962
INFW	+0.22384	+0.38062	+0.50376	+0.11704	0.12309	+0.25756	0.36110	0.30812	0.10624	+0.28836	+0.28673	0.20208
VANGS	0.00732	+0.08925	+0.00950	0.08955	0.07901	0.04259	0.11701	0.04180	0.10961	0.12419	+0.05339	+0.09372
VANGB	+0.14482	+0.31642	+0.16196	0.14997	0.18064	+0.14240	0.17365	0.17378	0.21746	0.11326	+0.12227	+0.09372
SHINL	1.00000	0.78344	0.34814	+0.48003	+0.25756	+0.06029	+0.38193	0.16599	+0.24316	0.14613	0.00378	0.00079
LNHDRL	0.78344	1.00000	0.49413	+0.47287	+0.46820	0.09754	+0.51057	+0.15942	+0.24929	0.26103	0.03454	0.01887
NKLNL	0.34814	0.49413	1.00000	0.48276	+0.41527	0.09399	+0.21188	+0.08541	+0.17905	0.14693	0.07755	0.04891
MXHDL	+0.48005	+0.49789	0.48276	1.00000	0.11151	+0.18082	0.42333	0.11308	0.06926	0.10814	0.22845	0.15920
APXAN	+0.25756	+0.26828	+0.41527	0.11153	1.00000	+0.45402	0.25684	0.01085	0.18301	+0.16291	0.04566	+0.01955
APXPS	+0.06035	0.09754	0.29399	0.18082	+0.45849	1.00000	+0.07439	+0.08560	0.01807	0.13931	0.03286	+0.00634
BSAN	+0.32193	+0.51057	+0.21188	0.42333	0.25684	+0.07439	1.00000	0.57324	0.23353	+0.03491	+0.06126	+0.02007
BSPS	0.16599	+0.15942	+0.02541	0.11308	0.01085	+0.08560	0.57324	1.00000	0.06659	0.08699	+0.06770	+0.07866
SVINS	+0.24316	+0.24929	+0.17905	0.06926	0.18301	0.01807	0.23353	0.06659	1.00000	0.21079	+0.15334	+0.12710
NSECV	0.14613	0.26103	0.14693	0.10814	+0.16291	0.13931	+0.03491	0.08699	0.21079	1.00000	+0.08027	0.09630
PINSV	0.00378	0.03454	0.07755	0.22845	0.04566	+0.03286	+0.06126	0.06770	+0.15334	+0.08027	1.00000	+0.02793
PTLLN	0.00079	0.01887	0.04891	0.15920	+0.01955	+0.00634	+0.02007	+0.07866	+0.12710	+0.09630	+0.02793	1.00000
INTLN	+0.09284	+0.04168	0.19468	0.27981	0.00987	0.08818	0.07363	0.03719	0.01650	0.05694	0.08212	+0.01777
NFLGN	+0.11777	+0.23157	0.14319	+0.09087	0.18240	+0.02648	0.14099	0.17908	0.08130	0.11274	+0.04233	0.12772
CORLLN	+0.22238	+0.28296	+0.19971	0.09869	0.20293	+0.06747	0.28739	0.12938	0.13642	0.02928	+0.02721	0.16784
CORLWD	+0.10604	+0.15222	+0.12118	0.02827	0.14252	+0.06758	0.17037	0.14066	+0.06134	+0.02809	+0.05342	0.01760
CORTWD	+0.05922	+0.08681	+0.00108	0.08678	0.05279	+0.08058	0.10490	0.10971	+0.11857	+0.06403	0.00312	0.13968
STMOLGL	+0.16747	+0.23005	+0.17778	0.06051	0.17697	+0.10186	0.20459	+0.05729	+0.10096	+0.08243	+0.00298	+0.08704
STBLN	+0.20538	+0.33880	+0.13704	+0.11303	0.31050	+0.25491	0.31201	0.17663	0.10707	+0.27434	+0.18999	0.21907
STBWD	+0.02736	+0.12402	+0.15907	+0.01094	0.12966	0.03904	0.11397	0.13933	+0.04401	+0.22812	0.06189	0.11028
ACMKLN	0.00103	+0.10964	+0.28855	+0.16608	0.05486	+0.10791	0.23353	0.06815	+0.01880	+0.15167	+0.13362	0.17882
ACMKWD	0.17283	+0.09205	+0.01159	+0.08047	0.01398	+0.14709	0.07300	0.08059	+0.06962	+0.06763	+0.14399	0.12137
NVPAC	+0.29133	+0.34338	+0.03947	+0.06942	0.32908	+0.36873	0.20942	0.03659	0.09286	+0.30292	+0.14352	0.17097
CRMWD	0.06106	+0.01366	0.12386	0.08657	0.09233	+0.10929	0.20968	0.07522	0.05834	+0.10318	0.06399	0.09277
CRMWD	0.03947	+0.01908	0.18076	0.11516	0.03165	0.00607	0.05209	0.11569	+0.04900	0.06810	0.16746	+0.12790
RWNDFRD	0.01151	+0.33157	0.14319	+0.09087	0.18240	+0.02648	0.14099	0.17908	+0.08130	0.11274	+0.04233	0.08389
LBLMR	+0.21056	+0.30815	+0.45608	+0.13597	0.28622	+0.23122	0.37853	0.26128	0.09267	+0.22590	+0.22693	0.24303
OBLMR	+0.17093	+0.16900	+0.23467	+0.06290	0.00414	+0.02858	0.14571	0.10041	0.01271	+0.12154	+0.17719	0.09276
INVLMR	+0.01552	0.03950	+0.00188	+0.04601	0.02258	+0.00947	0.05685	+0.05865	0.02728	0.00752	+0.11429	0.04820
GRLLMR	+0.16298	+0.15879	+0.07870	0.07791	0.11580	+0.01909	0.18061	0.04132	0.18609	0.04168	+0.01505	0.16347
ACLMR	+0.08251	+0.15131	+0.13103	+0.15172	0.06317	+0.03188	0.20683	0.04135	0.01540	+0.21143	+0.26169	0.11167
CORLWR	+0.23910	+0.36089	+0.51448	+0.13333	0.29650	+0.29758	0.35641	0.20682	0.08345	+0.29090	+0.23467	0.25893
STLLRR	+0.14454	+0.31638	+0.08643	+0.15457	0.29269	+0.28609	0.36579	0.32461	0.01257	+0.34005	+0.25260	0.29511
TFLPLR	0.23480	0.35793	0.35316	0.02829	+0.30035	0.30964	+0.30999	+0.17175	+0.07375	0.22191	0.12582	+0.23651
INFLNR	0.10925	0.08394	0.05796	+0.03256	+0.08971	+0.01975	+0.01229	+0.04843	+0.07362	+0.10254	0.04626	0.10549
LRNFHR	+0.25366	+0.39762	+0.49708	+0.07463	0.30504	+0.24935	0.39819	0.28117	0.07823	+0.33247	+0.17264	0.11607





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VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACHKLN	ACHKWD	NVPAC	CRMKWD
RACMLEN	0.13659	0.00996	0.04961	-0.19357	0.02595	0.05633	-0.01399	0.15211	0.10353	-0.01039	-0.12746	0.10916
INTNDLN	0.09565	0.05517	0.10972	-0.07573	-0.03783	0.21176	-0.05942	0.15118	-0.00627	-0.15876	0.03592	0.23663
NBR	-0.03358	0.71097	0.35080	0.14189	0.05071	0.41744	0.68996	0.33635	0.43273	0.09540	0.55070	0.82359
IBRW	0.05689	0.38314	0.05907	0.19969	0.08721	0.23907	0.30020	0.22818	0.11917	0.20528	0.36970	0.43269
OBRW	-0.03259	0.68562	0.07687	0.15962	0.07871	0.21799	0.56982	0.20053	0.33932	0.17991	0.55894	0.82224
INNWW	0.02844	0.48374	0.28034	0.19091	0.06839	0.38710	0.69157	0.29277	0.46772	0.15203	0.58910	0.85896
PMXL	-0.04939	0.36779	0.19133	0.18525	0.04371	0.23651	0.52121	0.17648	0.39175	0.07723	0.52921	0.71537
LBRF	0.08416	0.51685	0.14694	0.05197	0.04155	0.15178	0.26550	0.14767	0.11898	0.13176	0.01005	0.49059
INFL	-0.02387	0.78207	0.38614	0.17591	0.13289	0.42197	0.78241	0.29679	0.68183	0.22797	0.59588	0.28280
MFXL	0.00866	0.37052	0.19228	0.09660	0.08577	0.19339	0.46156	0.12956	0.40290	0.19901	0.54233	0.32007
WANGS	-0.02734	0.02230	0.00368	-0.06828	-0.17171	0.12873	0.04832	-0.00586	0.00134	-0.05834	0.00477	0.08048
WANGB	-0.07426	0.25197	0.09663	0.03696	-0.05834	0.09887	0.31639	-0.00169	0.31158	0.10801	0.31792	0.29409
SHINL	-0.09284	-0.11077	-0.12238	0.10604	-0.05182	-0.16747	-0.20539	-0.08736	-0.00105	0.17283	-0.25132	-0.06106
LNWDRL	-0.04168	-0.33157	-0.24096	-0.15122	-0.38681	-0.22605	-0.33880	-0.15385	-0.10961	-0.07683	-0.34338	-0.21366
RKLNL	0.19848	-0.03159	-0.19271	-0.11718	-0.00108	-0.11777	-0.14704	-0.15927	-0.28855	-0.01159	-0.04367	0.13286
NKWDL	0.27981	-0.09687	0.09869	0.02827	0.06678	0.04[illegible]	-0.11707	-0.07044	-0.16609	-0.08767	-0.06542	0.08657
APXAW	0.00997	0.18940	0.20291	0.05279	0.05279	0.14687	0.31950	0.23904	0.26260	0.11196	0.32808	0.28233
APXPS	0.08218	-0.20848	-0.06747	-0.08758	-0.08058	-0.07957	-0.23491	-0.10846	-0.10791	-0.14959	-0.36873	-0.10829
ASAN	0.07363	0.41699	0.20379	0.17037	0.10698	0.10186	0.31801	0.13397	0.21353	0.07300	0.32948	0.20968
BSPS	0.03719	0.37998	0.12938	0.14086	0.10971	-0.05729	0.17663	0.15933	0.26215	0.08059	0.03859	0.07522
BVIWS	0.01660	0.08130	0.13048	-0.06136	-0.11957	0.10096	0.10707	-0.00401	-0.01861	-0.06968	0.04086	0.05204
NSECV	0.03654	-0.31276	0.02898	-0.02029	-0.06803	-0.08343	-0.27434	-0.20212	-0.15167	0.06763	-0.30292	-0.10312
FINSV	0.08212	-0.03300	-0.01721	-0.05383	0.00312	-0.00898	-0.18959	-0.06189	-0.13868	0.04891	-0.14352	0.08389
PTLLN	-0.01777	0.18772	0.16794	-0.01769	0.13968	-0.08708	0.21907	0.11028	0.17882	0.12137	0.17097	0.03277
INTLN	1.00000	0.11111	0.07821	-0.10957	-0.06865	-0.06085	0.08309	-0.02090	0.08256	-0.18079	-0.00096	0.06496
NFLOR	-0.01131	1.00000	0.16817	0.06605	0.03804	0.21581	0.58473	0.19927	0.40916	-0.00184	0.47606	0.76092
CORLLN	0.07221	0.16817	1.00000	0.35925	0.17329	0.34168	0.28613	0.20567	0.25455	0.17466	0.19814	0.26079
CORLWD	0.10857	0.06605	0.35925	1.00000	0.59196	0.19843	0.05738	0.26193	0.11122	0.32351	0.25713	0.43095
CORTWD	-0.06865	0.03804	0.35729	0.59042	1.00000	0.09040	0.08788	0.34243	0.15913	0.33842	0.09380	0.30545
STMXLOL	-0.06085	0.21581	0.34168	0.19843	0.09040	1.00000	0.38804	0.21210	0.14717	0.09131	0.31408	0.31965
STBLN	0.02309	0.58473	0.28613	0.05738	0.18726	0.38804	1.00000	0.23006	0.53566	0.20781	0.54813	0.26700
STBWD	-0.02090	0.19927	0.20567	0.26193	0.34243	0.21210	0.23006	1.00000	0.18016	0.19599	0.27189	0.15172
ACHKLN	0.08256	0.40916	0.25455	0.11122	0.15913	0.14717	0.52566	0.18016	1.00000	0.48710	0.23338	0.17691
ACHKWD	-0.18079	-0.00184	0.17466	0.32351	0.33842	0.09131	0.20781	0.19599	0.48710	1.00000	0.21301	0.12581
NVPAC	-0.00096	0.47606	0.19816	0.25713	0.09380	0.31408	0.54813	0.27189	0.23338	0.10325	1.00000	0.31721
CRMKWD	0.06496	0.76092	0.26079	0.43095	0.30545	0.31965	0.26700	0.15172	0.17691	0.12581	0.31721	1.00000
CRMNWD	0.14927	-0.10560	0.12282	0.35279	0.22608	0.11415	-0.07493	0.03156	-0.17303	0.16305	0.04046	0.43080
NWDFND	0.08991	-0.47871	-0.19709	-0.07818	-0.03858	-0.28956	-0.55524	-0.16575	-0.28247	-0.11527	-0.57585	-0.22515
IBLWR	-0.05890	0.64231	0.34492	0.06549	0.02764	0.30106	0.62159	0.15587	0.46587	0.01102	0.47121	0.03347
OBLWR	0.02238	0.33946	0.21164	0.09028	0.01895	0.19206	0.35318	0.03129	0.25100	-0.12733	0.26909	-0.06410
INVLWR	-0.04966	-0.18986	0.27062	-0.02057	-0.01229	0.13037	-0.11950	-0.09158	0.10550	-0.02758	0.07577	-0.22903
CRLLWR	0.11769	0.15189	0.08056	-0.22892	0.06911	0.29180	0.26616	0.05736	0.17573	-0.01856	0.05277	0.01608
ACLWR	0.08956	0.43977	0.17579	-0.02618	-0.00848	0.10158	0.47091	0.13411	0.26806	-0.06510	0.20419	0.03125
CORLWR	0.00876	0.76087	0.30673	0.03297	0.04049	0.38225	0.73923	0.15301	0.46825	0.02880	0.47216	0.00023
STLLRR	0.02117	0.70510	0.18847	0.14287	0.12892	0.15430	0.60746	0.23939	0.50527	0.10352	0.49316	0.11616
TFLPLR	0.03308	-0.59611	-0.24828	-0.07224	0.03742	-0.38063	-0.49946	-0.13456	-0.00773	0.14553	-0.59367	-0.13677
TMFLNR	-0.01018	-0.58102	-0.24111	-0.07938	0.03616	-0.38268	-0.49606	-0.12940	-0.01092	0.14353	-0.06284	-0.13283
LRNFHR	-0.03213	0.70361	0.29935	0.18580	0.10083	0.34119	0.61012	0.25841	0.39340	0.08133	0.62421	0.33079



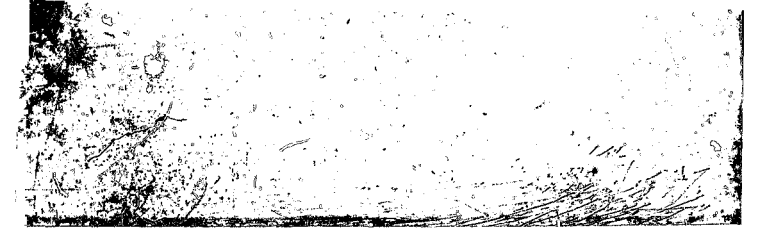


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VARIABLE	CRMWND	MWNDFRD	IBLWR	QBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACMLEN	-0.05195	0.43311	-0.07755	-0.08184	-0.11586	0.12983	0.11963	-0.05477	-0.05053	0.17432	-0.08162	-0.13177
INTNOLN	0.06520	0.11366	-0.01150	-0.06193	-0.13635	0.16616	-0.01194	0.00191	-0.10582	-0.07808	0.03059	0.06428
NBR	-0.07788	-0.69370	0.72285	0.31953	0.83629	0.28690	0.41388	0.80713	0.61983	-0.57008	0.17638	0.10258
IBRW	0.09185	-0.49808	-0.11827	-0.15851	-0.39133	-0.03954	0.01114	0.28181	0.26652	-0.36982	0.03562	0.64162
OBRW	-0.09015	-0.85514	0.53010	0.00423	-0.17166	-0.01314	0.07045	0.67963	0.64172	-0.56491	0.17815	0.68287
INMXW	-0.02039	-0.77151	0.64653	0.25966	-0.29261	0.21398	0.04349	0.79669	0.69197	-0.67236	0.04726	0.82196
MXWL	-0.07669	-0.51710	0.55128	0.25122	-0.29252	0.08710	0.28720	0.59981	0.53486	-0.65325	0.00933	0.65056
LBRP	-0.10151	-0.44469	0.56901	0.34330	0.15296	0.12408	0.36518	0.63098	0.54284	-0.49538	0.15129	0.48569
INFL	-0.13963	-0.75895	0.79352	0.33341	0.16161	0.29813	0.61504	0.69136	0.76800	-0.63025	0.20036	0.76390
INFN	-0.06917	-0.59593	0.61631	0.33937	-0.06592	0.20193	0.59689	0.70706	0.65139	-0.51628	-0.34951	0.64891
VANGS	0.10028	-0.00899	0.00999	0.05266	0.10089	0.02837	0.02593	0.00920	-0.01006	0.04301	0.01485	0.06457
VANGB	-0.09926	-0.27423	0.30938	0.19818	0.13634	0.08083	0.09787	0.31206	0.22567	-0.28305	0.09377	0.28532
SHINL	0.03647	0.27263	-0.21256	-0.17093	-0.01252	-0.16330	-0.08251	-0.23910	-0.19534	0.23801	0.10925	-0.25366
LNWDRL	-0.01908	0.33391	-0.30815	-0.16900	0.03050	-0.15679	-0.15131	-0.36989	-0.31638	0.35793	0.08396	-0.39762
RKLNL	0.19274	0.51678	-0.45808	-0.21463	-0.02158	-0.07870	-0.31103	-0.51648	-0.46643	0.53118	0.05796	-0.49308
MXNDL	0.11514	0.15811	-0.13597	-0.06290	-0.04601	0.07741	-0.15179	-0.12333	-0.15457	0.02884	-0.03256	-0.07963
APXNR	0.03185	-0.28968	0.29422	0.00616	0.08958	0.11520	0.08017	0.29630	0.29287	-0.30025	-0.08077	0.30604
ATXPS	0.09067	0.24163	-0.23122	-0.08556	-0.10991	-0.01909	-0.03088	-0.29758	-0.28609	0.30964	-0.01975	-0.29935
BSAN	0.05209	-0.30668	0.37853	0.18571	0.00605	0.18061	0.20263	0.36647	0.38579	-0.30979	-0.01226	0.39819
BSPS	0.11569	-0.25819	0.26128	0.18241	-0.05995	0.04132	0.24135	0.26582	0.32961	-0.17175	-0.04942	0.28177
SVINS	-0.04904	-0.03913	0.09247	0.01271	0.08728	0.18609	0.01530	0.08305	0.01257	-0.07375	-0.07262	0.07823
RSECV	0.06810	-0.26038	-0.18290	-0.18154	0.00742	0.04162	-0.21143	-0.25990	-0.34808	0.28191	0.00254	-0.33247
PINSV	-0.16744	0.19769	-0.22493	-0.17779	-0.11429	-0.01505	-0.26369	-0.23467	-0.25280	0.12582	0.04628	-0.17264
PTLLN	-0.12790	-0.08389	0.04303	0.09276	0.26220	0.18367	0.11119	0.25893	0.28651	-0.03651	0.10945	0.11607
INTLN	0.14927	0.08951	-0.05890	0.02238	-0.04956	0.13769	0.08956	0.00876	0.02117	0.03308	-0.01018	-0.03213
WFLOR	-0.15662	0.67571	0.66231	0.32944	-0.18986	0.16189	0.45977	0.76087	0.70910	-0.59471	0.03622	0.70361
CORLLN	0.12282	-0.14709	0.34659	0.21164	0.27002	0.92059	0.17579	0.30675	0.14647	-0.24828	0.09943	0.29435
CORLWQ	0.15279	-0.17681	0.04564	0.00026	-0.02057	-0.22898	-0.02618	0.03291	0.09227	-0.07226	-0.07936	0.18580
CORTWQ	0.02608	-0.03858	0.02764	0.01892	-0.01225	0.06951	-0.00868	0.04049	0.12492	0.05782	0.02160	0.10083
STRKLOL	0.11415	-0.18855	0.39106	0.19606	0.18037	0.29380	0.10156	0.38225	-0.19438	-0.30965	0.11666	0.39114
STBLH	-0.07493	-0.35584	0.62155	0.35312	0.11950	0.26414	0.47091	0.73473	0.60768	-0.59846	0.14102	0.61012
STBWD	0.23156	-0.15575	0.26257	0.03126	-0.00152	0.09376	0.12611	0.15300	0.25933	0.13456	-0.06060	0.25841
ACRKLN	-0.17303	-0.28867	0.45587	0.25160	0.19550	0.17273	0.26806	0.46849	0.50527	-0.06773	-0.01597	0.39340
ACRKWD	0.16345	-0.01527	0.01102	-0.15733	-0.08758	-0.01856	-0.06510	0.02891	0.10352	0.14553	-0.00233	0.08133
WYPAC	-0.09046	-0.57483	0.47181	0.24909	0.07511	0.16817	0.20419	0.51276	0.49514	-0.56367	0.06288	0.46961
CRMXWD	0.43680	-0.82515	-0.03147	-0.08410	-0.29903	0.01808	-0.03125	0.00023	0.11616	-0.13677	-0.12323	0.33079
CRMXWL	1.00000	-0.69371	0.66231	0.32944	-0.18986	0.16189	0.45977	0.76087	0.70910	-0.59471	0.03622	0.70361
MWNDFRD	-0.10104	1.00000	-0.98047	-0.80525	0.10873	-0.05389	-0.29704	-0.70740	-0.60882	0.71362	-0.14527	-0.87880
IBLWR	-0.19950	0.54804	1.00000	0.51852	0.39709	-0.13008	0.49589	0.83728	0.69833	-0.61641	0.24431	0.63205
QBLWR	-0.06742	-0.80555	0.51852	1.00000	0.39809	0.21764	0.33838	0.45132	0.36958	-0.29227	0.08236	0.23768
INVLWR	-0.23060	0.10873	0.39709	0.39809	1.00000	0.29967	0.18799	0.53618	0.09965	-0.15867	0.39861	-0.03951
CRLLWR	-0.08738	-0.05389	0.13008	0.21764	0.29967	1.00000	0.18752	0.30389	0.10988	-0.23074	0.16642	0.19124
ACLWR	-0.28684	-0.29704	0.49589	0.33838	0.18799	0.18752	1.00000	0.48735	0.40688	-0.07374	-0.02683	0.38826
CORLWR	-0.24177	-0.70740	0.83728	0.45132	0.53618	0.30389	0.48735	1.00000	0.77681	-0.73954	0.26097	0.73959
STLLBR	-0.21456	-0.60882	0.69833	0.36958	0.09965	0.10988	0.40682	0.77681	1.00000	-0.51221	0.10608	0.61941
TFLPLR	0.06661	0.71362	-0.63641	-0.29227	-0.15867	-0.23074	-0.07378	-0.73954	-0.51221	1.00000	-0.17922	-0.65000
INFLWR	-0.09505	-0.14527	0.24431	0.08236	0.39861	0.16642	-0.02683	-0.26097	0.10608	-0.17922	1.00000	0.17589
LRNFHR	-0.10026	-0.87880	0.63205	0.23768	-0.03951	0.19124	0.38826	0.73959	0.61941	-0.65000	0.17589	1.00000

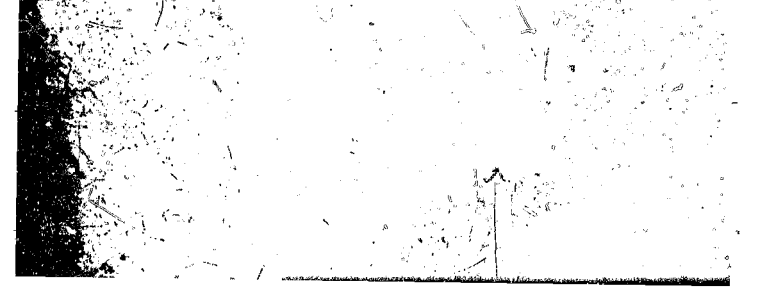


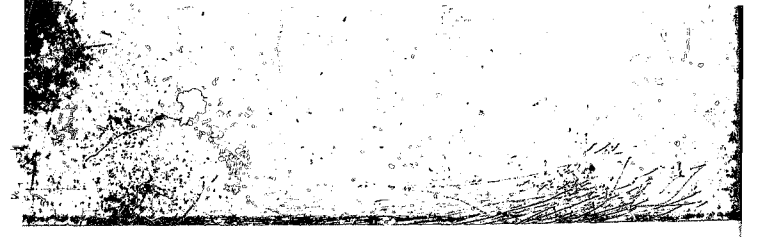


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	RAGMLEN	INTNDLN	NBR	IDRW	OBRW	INMXM	PMXL	LBRP	INFL	INFW	VANGS	VANGB
RAGMLEN	0.01128	-0.00824	-0.09789	-0.05509	-0.06784	-0.10822	-0.09105	-0.07692	-0.10089	-0.09147	-0.00164	-0.03835
INTNDLN	-0.00824	0.00868	0.06151	0.05841	0.07597	0.08617	0.06655	0.04378	0.08766	0.05905	0.00270	0.02305
NBR	-0.09789	0.06151	0.68914	0.40461	0.71420	0.90063	0.75376	0.59454	0.89920	0.82221	0.07820	0.35858
IDRW	-0.05509	0.05841	0.40461	0.40329	0.54139	0.54137	0.52208	0.58538	0.49851	0.39566	0.01912	0.25079
OBRW	-0.09784	0.07597	0.71420	0.54139	0.74080	0.87695	0.77025	0.63104	0.75662	0.67688	0.03002	0.27978
INMXW	-0.10822	0.08617	0.90983	0.54137	0.87695	1.05877	0.74057	0.68722	0.95015	0.85996	0.08018	0.35341
PMXL	-0.08105	0.06655	0.75376	0.52208	0.77025	0.74057	0.69640	0.59440	0.75565	0.69166	0.00412	0.30067
LBRP	-0.07699	0.04378	0.59454	0.28530	0.53104	0.68722	0.59440	0.54685	0.69689	0.64025	0.00281	0.27677
INFL	-0.10089	0.08766	0.89920	0.49851	0.75662	0.95015	0.75565	0.69689	0.91693	0.83549	0.07105	0.35484
INFW	-0.09147	0.05905	0.82291	0.39266	0.67688	0.85996	0.69166	0.64025	0.83549	0.76312	0.00886	0.32592
VANGS	-0.00164	0.00270	0.07820	0.01912	0.03002	0.08018	0.00412	0.00281	0.07105	0.00886	0.00116	0.00857
VANGB	-0.03835	0.02305	0.35858	0.25079	0.27978	0.35341	0.30067	0.27677	0.35484	0.32592	0.00857	0.14034
SHANK	-0.09392	-0.06219	-0.80392	-0.37223	-0.31443	-0.40955	-0.34458	-0.31712	-0.40643	-0.37298	-0.00282	-0.16068
LNWORL	0.06452	-0.04670	-0.56128	-0.31214	-0.30038	-0.41765	-0.46538	-0.43048	-0.57781	-0.52418	-0.00916	-0.22007
HOLWL	0.07130	-0.05005	-0.59683	-0.33343	-0.32053	-0.44563	-0.49796	-0.46218	-0.48257	-0.56023	-0.00981	-0.24889
POWDL	0.00125	-0.00269	-0.03898	-0.01770	-0.03108	-0.03952	-0.03259	-0.03004	-0.03895	-0.03563	-0.00037	-0.01525
APXAN	0.00051	0.00980	0.04026	0.19060	0.13436	0.04233	0.19663	0.16498	0.04652	0.02829	0.00131	0.10483
APXPS	0.08508	-0.02566	-0.10934	-0.16567	-0.31081	-0.40113	-0.35080	-0.32268	-0.41028	-0.37714	-0.00233	-0.16323
SEAN	0.09097	0.06220	0.41856	0.29594	0.35091	0.47560	0.35182	0.31825	0.43446	0.39294	0.00822	0.16258
BSPS	-0.02879	0.02620	0.22886	0.17886	0.24507	0.29123	0.18027	0.16829	0.24487	0.21807	0.00736	0.08766
SVINS	-0.01326	0.01671	0.15702	0.04280	0.08893	0.11952	0.11004	0.10132	0.10976	0.11631	0.00019	0.05108
HSEDV	0.09248	-0.04986	-0.55792	-0.32073	-0.43407	-0.59065	-0.47895	-0.25604	-0.59209	-0.54519	0.01509	-0.13954
PINDV	0.02628	-0.01946	-0.26716	-0.05645	-0.15773	-0.22365	-0.23805	-0.21782	-0.25850	-0.24185	0.00231	-0.10881
PTLLM	-0.02934	0.01916	0.30382	0.05279	0.16908	0.22584	0.27328	0.24932	0.29193	0.27410	0.00280	0.12424
INTLN	-0.00507	0.00278	0.09769	0.01795	0.03501	0.04591	0.04108	0.03775	0.04752	0.04179	0.00018	0.01906
MTLOL	0.09744	0.07864	0.43901	0.21181	0.29646	0.42640	0.42167	0.41615	0.45300	0.42767	0.01837	0.21602
CORLLN	-0.09836	0.00297	0.31733	0.00768	0.13546	0.22027	0.29416	0.26707	0.29638	0.28234	-0.00668	0.13186
CORLWD	-0.01319	0.01270	0.09711	0.09711	0.11767	0.12965	0.07899	0.07397	0.11967	0.09778	0.00380	0.03806
CORTWD	-0.00526	0.00729	0.03173	0.05116	0.05796	0.06051	0.02015	0.01964	0.03868	0.03292	0.00287	0.01097
STRKOL	-0.04882	0.02590	0.14816	0.15259	0.15201	0.13954	0.14005	0.16805	0.14440	0.14247	0.00111	0.10552
SIBLN	-0.08596	0.05690	0.77181	0.37290	0.63865	0.80598	0.69774	0.59934	0.78388	0.71559	0.00865	0.30485
STBWD	-0.02802	0.02118	0.23909	0.15682	0.21324	0.27687	0.18732	0.17610	0.24393	0.21906	0.00574	0.08977
ACMKLH	-0.03863	0.01970	0.36928	0.12988	0.25981	0.34968	0.32080	0.29437	0.36509	0.33827	0.00044	0.14829
ACMKWD	0.00295	-0.00160	-0.01983	0.01116	-0.01764	-0.02744	-0.01605	-0.01409	-0.02007	-0.01818	-0.00034	-0.00760
NVPAC	-0.08620	0.05585	0.77623	0.36871	0.63703	0.80611	0.69518	0.60417	0.78779	0.71969	0.00824	0.30712
CRMKWD	-0.02652	0.02930	0.20280	0.20280	0.24408	0.29339	0.19272	0.18214	0.25110	0.19356	0.00912	0.07034
CRMNWD	0.00552	0.00170	-0.07918	0.04869	-0.00951	-0.03083	-0.01935	-0.07118	-0.06814	-0.04476	0.00394	-0.03433
NWHOFHO	0.09968	-0.08202	-0.82745	-0.55305	-0.82052	-0.98300	-0.86862	-0.62130	-0.86884	-0.78062	-0.02016	-0.32005
IBLWR	-0.08892	0.05100	0.68731	0.33153	0.62530	0.81225	0.70960	0.69255	0.82861	0.76195	0.00487	0.33008
OBLWR	-0.04770	0.01535	0.49216	0.09623	0.27768	0.40073	0.44199	0.40334	0.47355	0.44451	-0.00492	0.20110
INVLWR	0.00914	-0.00005	0.15926	-0.02548	-0.19327	-0.11782	0.00291	0.17623	0.09588	0.11706	-0.02437	0.07947
CRLLWR	-0.02244	-0.00436	0.27810	-0.04344	0.07695	0.15477	0.26702	0.28108	0.25075	0.24328	-0.00937	0.11777
ACLWR	-0.04832	0.02200	0.40899	0.14106	0.28871	0.37999	0.34532	0.32065	0.39987	0.36938	0.00075	0.15163
CORLWR	-0.10703	0.06976	0.95607	0.45352	0.78814	0.99916	0.81641	0.75269	0.97950	0.89526	0.00988	0.38240
STLLBR	-0.08792	0.06288	0.76321	0.41991	0.67648	0.83643	0.63364	0.58598	0.78648	0.71239	0.01214	0.29969
TFLPLR	0.10898	-0.06851	-0.93007	-0.45366	-0.76959	-0.96813	-0.77354	-0.71380	-0.93676	-0.85444	-0.01094	-0.36331
IMFLWR	-0.01838	0.01176	0.09189	0.08007	0.11420	0.12982	0.04939	0.06509	0.10123	0.08888	0.00110	0.03440
LRNFHR	-0.09872	0.07433	0.84691	0.49921	0.77967	0.95352	0.69701	0.64558	0.87691	0.79326	0.01580	0.33082

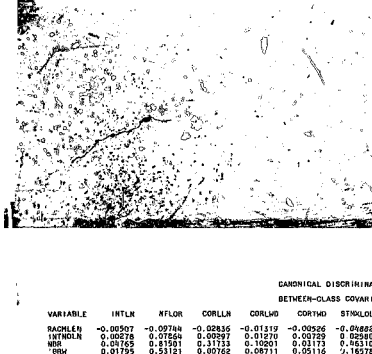




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CUVARIANCE MATRIX

VARIABLE	SHINL	LNWRRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACNLEN	0.07392	0.06852	0.07130	0.00925	-0.05031	0.04808	-0.04907	-0.02879	-0.01326	0.04748	0.02628	-0.02934
INTNDLN	-0.00535	-0.00670	-0.05001	0.01269	0.02980	-0.02545	0.03757	0.02620	0 *0671	-0.04805	-0.00944	0.00916
RBN	-0.10392	-0.10128	-0.12647	-0.03849	0.16426	-0.10934	0.41856	0.28886	0.12702	-0.15792	-0.26716	0.30382
IBRN	-0.17693	-0.11618	-0.13343	-0.01770	0.19450	-0.16567	0.29250	0.17886	0.09260	-0.13073	-0.05085	0.09219
OBRN	-0.13143	-0.10038	-0.10454	-0.03108	0.15836	-0.11091	0.29041	0.24907	0.08893	-0.14907	-0.13773	0.16962
JNMXW	-0.40453	-0.41769	-0.37796	-0.03992	0.46233	-0.40313	0.47569	0.29123	0.11852	-0.49442	-0.22363	0.24566
PNKL	-0.39456	-0.40538	-0.35218	-0.03859	0.39563	-0.35080	0.34346	0.16827	0.17044	-0.47479	-0.23895	0.27326
LSRF	-0.21712	-0.13098	-0.16257	-0.03009	0.26998	-0.22604	0.31825	0.16829	0.10132	-0.25604	-0.21782	0.24932
IMFL	-0.18043	-0.17781	-0.16823	-0.03899	0.16858	-0.11928	0.43446	0.29485	0.12576	-0.19279	-0.12580	0.29193
IRFW	-0.37208	-0.32918	-0.36381	-0.03563	0.42829	-0.37716	0.39226	0.21801	0.11631	-0.34519	-0.24185	0.27410
VANGS	-0.00292	-0.00000	-0.00917	-0.00037	0.00311	-0.00233	0.00822	0.00736	0.00010	-0.01309	0.00155	0.00547
VANGB	-0.16068	-0.22007	-0.24629	-0.01525	0.16983	-0.16323	0.16328	0.08746	0.05103	-0.13454	-0.10861	0.12424
BRINS	-0.18909	0.23201	0.02805	0.00708	-0.21177	0.16792	-0.16882	-0.10005	-0.05849	0.15381	0.12907	-0.14269
LNWDRL	0.25201	0.36899	0.40798	0.02434	-0.28875	0.25307	-0.28029	-0.16380	-0.07630	0.26936	0.15179	-0.16967
MXLNL	0.28206	0.40779	0.45206	0.02706	-0.32343	0.28187	-0.30860	-0.17773	-0.08618	0.28922	0.17186	-0.19521
MXWDL	0.01797	0.02439	0.02716	0.00167	-0.02008	0.01770	-0.01817	-0.00997	-0.00549	0.01563	0.01151	-0.01308
APXAN	0.21177	-0.25875	-0.3 163	-0.02008	0.29367	-0.21530	0.21382	0.11381	0.06746	-0.17912	-0.16044	0.16973
APXPS	0.18703	0.25177	0.28387	0.01770	-0.21530	0.19039	-0.18686	-0.09634	-0.05982	0.19800	0.12911	-0.14791
BSAN	-0.18609	-0.26020	-0.30860	-0.01817	0.21382	-0.18686	0.21908	0.12969	0.05555	-0.21603	-0.10732	0.11802
BSPS	-0.10005	-0.11638	-0.11774	-0.00997	0.11381	-0.09634	0.12889	0.08438	0.02758	-0.14935	-0.04656	0.04907
SVINS	-0.05849	-0.07630	-0.08618	-0.00549	0.06746	-0.05989	0.05555	0.02738	0.01977	-0.03960	-0.04258	0.04855
NSECV	0.15381	0.26938	0.28922	0.01563	-0.17913	0.14900	-0.21603	-0.14935	-0.03960	0.27253	0.03757	-0.05683
PINSV	0.12877	0.15179	0.17386	0.01151	-0.16044	0.12911	-0.10732	-0.04656	-0.04258	0.05761	0.09982	-0.11668
PTLLN	-0.14269	-0.16967	-0.19521	-0.01308	0.16913	-0.14791	0.11882	0.04907	0.04855	-0.05683	-0.11668	0.15711
INTLN	-0.02184	-0.02911	-0.03275	-0.00208	0.02517	-0.02229	0.02137	0.01099	0.00706	-0.01632	-0.01543	0.01774
NFLOR	-0.36180	-0.55598	-0.59908	-0.03561	0.41336	-0.36180	0.41907	0.26843	0.10765	-0.49087	-0.19726	0.21597
CORLLN	-0.15131	-0.16492	-0.19360	-0.01362	0.17609	-0.15895	0.11065	0.03505	0.05469	-0.08279	-0.13599	0.16776
CORLWD	-0.09421	-0.07982	-0.08085	-0.00945	0.09017	-0.08314	0.05954	0.00613	0.01179	-0.03723	-0.01956	0.01899
CORTWD	-0.01249	-0.02954	-0.03096	-0.00140	0.01378	-0.01116	0.00534	0.00269	0.00202	-0.00990	0.00138	-0.00347
BIMKLOL	0.21273	0.29070	0.31697	0.02045	0.24582	-0.21743	0.20927	0.10387	0.06923	-0.15199	-0.15250	0.17727
STBLN	-0.34919	-0.49252	-0.54822	-0.03340	0.40191	-0.35298	0.36927	0.20599	0.10867	-0.32767	-0.22520	0.25496
STBLD	-0.10275	-0.09426	-0.17485	-0.01009	0.11726	-0.10203	0.12379	0.07723	0.02984	-0.13273	-0.05469	0.09320
ACHNLN	-0.16998	-0.22544	-0.25088	-0.01595	0.19602	-0.17397	0.16190	0.08068	0.05564	-0.11637	-0.12348	0.14262
ACHNWD	0.00871	0.01287	0.01433	-0.00085	-0.00997	0.00871	0.00579	-0.00262	-0.00060	0.00915	-0.00373	-0.00533
AVNAO	-0.35181	-0.49490	-0.55032	-0.03361	0.40612	-0.35590	0.36980	0.20507	0.10983	-0.32933	-0.22863	0.25920
ORMWHD	-0.08029	-0.15010	-0.15959	-0.00833	0.09040	-0.08256	0.05859	0.01912	0.01621	-0.11563	-0.02287	0.01967
ORMWHD	0.03945	0.03627	0.04111	0.00327	-0.04640	0.04210	-0.01843	0.00230	-0.01586	-0.01907	0.04255	-0.05899
NNHOFHD	0.36854	0.56853	0.62238	0.03597	-0.41847	0.36416	-0.44007	-0.27383	-0.10599	0.46860	0.19558	-0.21113
IBLNR	0.37018	0.51052	0.57299	0.03377	0.42329	-0.36510	0.37673	0.19768	0.10126	-0.29863	-0.26103	0.30022
OBLNR	-0.23063	-0.31581	-0.11703	-0.02119	0.26721	-0.23924	0.19351	0.08075	0.07953	-0.09694	-0.18791	0.22070
INVLNR	-0.09173	-0.00543	-0.12118	-0.00659	0.11126	-0.10803	-0.02915	-0.04842	0.04758	0.21767	-0.15729	0.19482
ORLLNR	-0.13582	-0.11136	-0.15844	-0.01189	0.15813	-0.14401	0.08278	0.01363	0.05136	0.01823	-0.13407	0.16131
AOLNR	-0.18524	-0.26339	-0.27454	-0.01740	0.21356	-0.18946	0.17769	0.08929	0.06045	-0.12981	-0.13362	0.15416
CORLWR	-0.43814	-0.61344	-0.68374	-0.04183	0.50337	-0.44345	0.45872	0.25340	0.13706	-0.33954	-0.28614	0.32969
STLLNR	-0.34251	-0.50054	-0.55376	-0.03310	0.39298	-0.34454	0.37985	0.22120	0.10966	-0.36386	-0.20774	0.23267
TFLPLR	0.47614	0.58982	0.65297	0.03985	-0.67775	0.42029	-0.44303	-0.29874	-0.12904	0.39714	0.26606	-0.30075
TFLNWR	0.03932	0.05998	0.07495	0.00408	-0.04846	0.03796	0.05634	0.03962	0.00996	-0.07261	-0.01187	0.01268
LTNFNR	-0.37877	-0.56407	-0.62182	-0.03675	0.43355	-0.37920	0.43092	0.25679	0.11319	-0.42809	-0.22065	0.26501

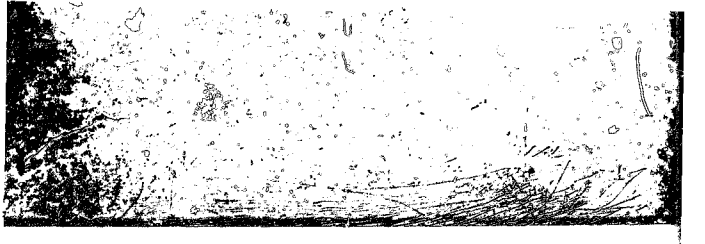


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMXLN	ACMXWD	NVPAC	CRMXWD
RACMLEN	-0.00507	-0.09744	-0.02836	-0.01319	-0.00526	-0.04682	-0.06596	-0.02802	-0.03863	0.00225	-0.08620	-0.02652
INTNOLN	0.00278	0.07855	0.00297	0.01329	0.00725	0.02581	0.05640	0.02316	0.01970	-0.00167	0.05585	0.02930
NBA	0.01765	0.81501	0.01733	0.10201	0.03173	0.16510	0.17121	0.03907	0.16928	-0.01943	0.17623	0.03992
BRW	0.01705	0.53121	0.00762	0.08711	0.05116	0.16578	0.37290	0.15693	0.12588	-0.01116	0.36871	0.20286
BRWW	0.03501	0.79466	0.13316	0.11747	0.05756	0.33873	0.63865	0.23154	0.23981	-0.01766	0.63703	0.25428
INMXW	0.04591	0.95640	0.22027	0.13545	0.06051	0.43954	0.80592	0.27667	0.34568	-0.02166	0.80611	0.28339
MXXL	0.04108	0.65162	0.09116	0.07699	0.02019	0.40089	0.69974	0.18732	0.32080	-0.01009	0.70178	0.13972
LBRP	0.03775	0.61416	0.26707	0.07397	0.01969	0.36805	0.59934	0.17410	0.29437	-0.01985	0.60417	0.13214
INFL	0.06752	0.95300	0.09636	0.11046	0.03868	0.46027	0.76388	0.29193	0.36389	-0.02007	0.76779	0.21389
INTW	0.04379	0.76761	0.28234	0.09778	0.03242	0.42467	0.71559	0.21896	0.33827	-0.01618	0.71969	0.16556
VANGS	0.00918	0.08277	-0.00668	0.00380	0.00287	0.00911	0.00865	0.00574	0.00094	-0.00041	0.00866	0.00397
VANGB	0.01906	0.31612	0.13186	0.03866	0.01097	0.19562	0.30985	0.08977	0.11689	-0.00760	0.30712	0.07024
SHTNL	-0.02166	-0.35769	-0.15127	-0.04027	-0.01269	-0.21873	-0.34919	-0.10779	-0.16996	0.00871	-0.35181	-0.08025
LNWDRL	-0.02911	-0.95598	-0.16402	-0.07692	-0.02954	-0.38070	-0.62252	-0.15979	-0.22220	0.01287	-0.63601	-0.15010
RNLWL	-0.01273	-0.36040	-0.09340	-0.03046	-0.01004	-0.21637	-0.34822	-0.11485	-0.25068	0.01496	-0.35032	-0.10956
RNWDL	-0.00806	-0.03561	-0.01462	-0.00645	-0.00140	-0.02001	-0.03340	-0.01009	-0.01595	0.00068	-0.03361	-0.00833
AMXAR	0.00517	0.14336	0.07609	0.02617	0.01104	0.04592	0.09101	0.01728	0.10602	-0.00997	0.08912	0.00040
APXPS	-0.02229	-0.36014	-0.15895	-0.04314	-0.01116	-0.21743	-0.35298	-0.10203	-0.17397	0.00873	-0.35599	-0.07656
BSAW	0.02737	0.62907	0.17065	0.09694	0.02534	0.30527	0.36927	0.12379	0.16190	-0.00981	0.36980	0.12263
BSAB	0.01969	0.26483	0.03905	0.04013	0.00669	0.11087	0.20599	0.07721	0.08068	-0.00579	0.20507	0.08659
SVINS	0.00706	0.10545	0.05469	0.01179	0.00202	0.06923	0.10867	0.02964	-0.05564	0.00268	0.10983	0.01919
SXCVV	0.01632	0.93587	-0.08299	-0.07223	-0.04090	-0.15199	-0.32797	-0.13273	-0.11637	0.00962	-0.33913	-0.16563
PINSV	-0.01543	-0.19784	-0.13599	-0.01856	0.00138	-0.15250	-0.22520	-0.05449	-0.12346	0.00515	-0.22863	-0.02253
PTLIN	0.01774	0.21597	0.16176	0.01899	-0.00367	0.17577	0.25496	0.05930	0.14262	-0.00573	0.25981	0.01957
INTLN	0.00262	0.04095	0.01938	0.00677	0.00107	0.02559	0.04096	0.01156	0.02051	-0.00100	0.04134	0.00820
NFLOR	0.04095	0.66435	0.19081	0.11329	0.05595	0.39160	0.74296	0.25028	0.30765	-0.01991	0.72089	0.29435
CORLLN	0.01934	0.19081	0.19861	0.01101	-0.01159	0.11333	0.26153	0.05081	0.15810	-0.00569	0.26736	-0.00479
CORLWD	0.00677	0.12327	0.01101	0.01926	0.01046	0.06178	0.09255	0.03815	0.02766	-0.00266	0.09193	0.06341
CORTWD	0.00107	0.05595	-0.01159	0.01046	0.00728	0.00900	0.03120	0.01688	0.00612	-0.00108	0.03030	0.00628
STMXLOL	0.02559	0.39160	0.11333	0.06178	0.00900	0.25902	0.39717	0.11036	0.20965	-0.00911	0.40111	0.07912
STBLN	0.04096	0.72298	0.26153	0.09255	0.03120	0.39717	0.67112	0.20865	0.31607	-0.01709	0.67482	0.17692
STBWD	0.01156	0.25028	0.05081	0.03815	0.01688	0.11036	0.20869	0.07260	0.08652	-0.00562	0.20625	0.07686
ACMXLN	0.02051	0.30765	0.15810	0.02766	0.00612	0.20998	0.31607	0.08652	0.16147	-0.00762	0.31940	0.05655
ACMXWD	-0.00199	-0.01991	-0.00569	-0.00266	-0.00108	-0.00965	-0.01709	-0.00562	-0.00762	0.00045	-0.01775	-0.00539
NVPAC	0.04134	0.72089	0.26736	0.09193	0.03030	0.40111	0.67482	0.20625	0.31940	-0.01775	0.67874	0.17615
CRMXWD	0.00820	0.29435	-0.00479	0.06341	0.00628	0.07912	0.17692	0.07686	0.05655	-0.00539	0.17615	0.10241
CRMNWD	0.00938	0.26892	0.04677	0.05327	0.00833	0.05848	0.16201	0.06501	0.04594	-0.00501	0.16148	0.01839
RNWDFHG	-0.04130	-0.88905	-0.16297	-0.12807	-0.02994	-0.39439	-0.73590	-0.29778	-0.30932	0.01998	-0.73498	-0.27166
INLWR	0.04511	0.72546	0.25230	0.09657	0.03200	0.40161	0.71308	0.20543	0.33204	-0.01761	0.71707	0.15299
OBLWR	0.02867	0.35257	0.25972	0.03195	-0.00501	0.26397	0.41138	0.09693	0.03031	-0.00933	0.42013	0.03367
INVLWR	0.01483	-0.12304	0.28661	-0.05004	-0.05597	0.15858	0.10147	-0.00454	0.13704	0.00041	0.11323	-0.16132
CELLWR	0.01780	0.13056	0.20533	0.00034	-0.01655	0.17971	0.22618	0.03279	0.14819	-0.00428	0.23077	-0.03051
ACLWR	0.02231	0.23838	0.17017	0.03837	0.00730	0.21858	0.34582	0.09527	0.17546	-0.00836	0.34874	0.06368
CORLWR	0.05154	0.89770	0.23811	0.11391	0.03681	0.50032	0.83933	0.29543	0.30855	-0.02126	0.84437	0.21389
STLLWR	0.03967	0.75272	0.28705	0.10104	0.03991	0.38261	0.66966	0.21623	0.30300	-0.01765	0.67166	0.20171
TFLPLR	-0.04871	-0.86895	-0.30654	-0.11605	-0.03870	-0.47204	-0.80154	-0.24836	-0.37539	0.02048	-0.80570	-0.21525
INFLWR	0.04916	0.81380	0.26923	0.10113	0.03182	0.43837	0.69434	0.21462	0.32927	-0.01850	0.68399	0.20440
LRNFHR	0.04345	0.85956	0.23122	0.11829	0.04930	0.41775	0.76598	0.26772	0.32984	-0.01972	0.76740	0.26147

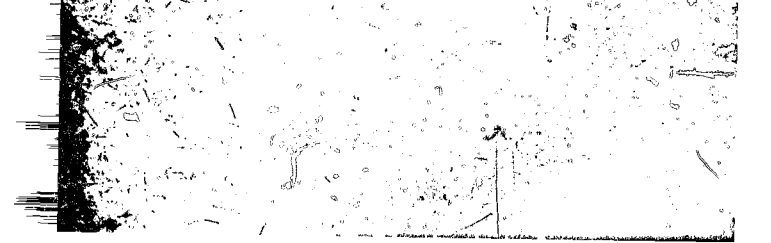




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	CRMWND	MWNDFHD	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACMLEN	0.00552	0.09968	-0.08892	-0.04770	0.00014	-0.02244	-0.04232	-0.10703	+0.08752	0.10298	-0.01234	-0.09872
INTNDLN	0.00376	-0.08202	0.05100	0.01535	-0.04005	-0.00436	0.02200	0.06676	0.06286	-0.06857	0.01278	0.07639
NBR	-0.07918	-0.82745	0.82131	0.40216	0.15297	0.27810	0.40290	0.56607	0.76383	-0.92007	0.09189	0.04691
IBRW	0.03049	-0.55505	0.33153	0.08923	-0.09598	-0.04344	0.14106	0.45352	0.41994	-0.45366	0.08807	0.49921
OBRW	-0.00551	-0.82002	0.62931	0.27768	-0.19327	0.07495	0.28671	0.75014	0.67568	-0.73904	0.11420	0.17967
IRMW	-0.03023	-0.98300	0.81329	0.40073	-0.11782	0.19677	0.37999	0.99916	0.83643	-0.96818	0.12935	0.25352
MWC	-0.07935	-0.66862	0.70998	0.44799	0.20827	0.26702	0.39932	0.81071	0.63564	-0.77376	0.06339	0.69701
LRRP	+0.07118	-0.62130	0.63055	0.40334	0.17623	0.24108	0.32065	0.75265	0.58598	-0.71380	0.06529	0.64558
INFL	-0.06818	-0.86884	0.62861	0.41355	0.09528	-0.25073	0.39987	0.97950	0.79868	-0.93676	0.10123	0.07691
INFW	-0.06776	-0.78062	0.76196	0.44431	0.11708	-0.24328	0.34938	0.89526	0.71239	-0.87444	0.08888	0.79326
WANGS	0.00394	-0.02016	0.00947	-0.00992	-0.00473	0.00937	0.00075	0.00988	0.01274	-0.01204	0.00410	0.01580
WANSB	-0.03933	-0.32025	0.33006	0.20110	0.07987	0.11777	0.16163	0.38248	0.39984	-0.36331	0.03460	0.33082
WHINL	0.03945	0.36636	-0.37814	-0.23061	-0.09171	-0.13523	-0.18524	-0.43614	-0.34297	0.41619	-0.03932	-0.37877
LNWDRL	0.03277	0.56853	-0.51062	-0.27981	-0.00543	-0.13195	-0.24339	-0.61348	-0.50058	0.58986	-0.06998	-0.56107
RKLNL	0.04111	0.60232	-0.57099	-0.31703	-0.01118	-0.15546	-0.27454	-0.68379	-0.55572	0.65997	-0.07695	-0.62482
RKWNL	0.00337	0.41597	-0.03577	-0.02119	-0.00699	-0.01189	-0.01760	-0.04163	-0.03210	0.03935	-0.00402	-0.03675
APXAN	-0.04640	-0.41847	0.43519	0.26721	0.11326	0.15813	0.21308	0.50337	0.39296	-0.47175	0.04446	0.43559
APXPS	0.04270	0.38215	-0.36510	-0.23926	-0.10803	-0.14607	-0.18966	-0.46345	-0.34654	0.42029	-0.03796	-0.37920
BSAN	-0.01843	-0.44007	0.37673	0.19353	-0.00915	0.08278	0.17769	0.45872	0.37985	-0.44103	0.05616	0.43092
BSPS	0.00230	-0.27183	0.19762	0.08579	-0.04848	0.01363	0.08029	0.25340	0.22160	-0.25874	0.03962	0.25619
SVIRS	-0.01586	-0.10599	0.12126	0.07952	0.04798	0.05136	0.06045	0.13706	0.10406	-0.12904	0.00996	0.11319
NSECV	0.01907	0.46983	-0.39062	-0.23959	-0.11767	0.01823	-0.12981	-0.39954	-0.36266	0.39716	-0.07261	-0.46809
PIRSV	0.04359	0.19558	-0.26193	-0.18791	-0.15729	-0.13407	-0.13362	-0.28618	-0.20774	0.26606	-0.01387	-0.22065
TTLLN	-0.05299	-0.21313	0.30082	0.22870	0.19802	0.16131	0.19416	0.42969	0.23297	-0.30079	0.01336	0.29501
INTLN	-0.00538	-0.04130	0.04511	0.02867	0.01483	0.01780	0.02231	0.05154	0.03967	-0.04871	0.00411	0.04349
NFLDR	-0.02392	-0.48909	0.47594	0.29297	-0.12304	0.16856	0.33838	0.89570	0.75272	-0.85699	0.11807	0.85956
CORLLN	-0.06977	-0.18391	0.32330	0.25972	0.28661	0.20533	0.17017	0.33611	0.22705	-0.30654	0.00393	0.23122
CORLWD	0.00327	-0.12807	0.08049	0.03145	-0.00006	0.00036	0.00837	0.11341	0.10104	-0.11205	0.01913	0.11809
CORTWD	0.00832	-0.05986	0.02200	-0.00507	-0.02997	-0.01855	0.00730	0.03681	0.03941	-0.03870	0.01103	0.04930
STWLOL	-0.05488	-0.29419	0.44011	0.29631	0.15858	0.19071	0.21852	0.50032	0.38561	-0.47004	0.03817	0.41775
STBLN	-0.06201	-0.73558	0.71308	0.41338	0.10187	0.22418	0.34522	0.83933	0.66926	-0.80154	0.08434	0.76598
STBWD	-0.00509	-0.22918	0.20954	0.09693	0.01445	0.03270	0.09527	0.25543	0.18706	-0.23016	0.02196	0.19772
ACMLW	0.04968	-0.30932	0.35529	0.25031	0.12704	0.19819	0.17546	0.39455	0.30300	-0.37539	0.02907	0.32964
ACMWD	0.00103	-0.01998	-0.01761	-0.00933	0.00041	-0.00428	-0.00836	-0.02126	-0.01745	0.02068	-0.00250	-0.01972
TNTAN	-0.06482	-0.71958	0.71907	0.40515	0.11323	0.22017	0.34674	0.84427	0.67276	-0.80570	0.08349	0.76760
CRMWND	0.01839	-0.27166	0.15899	0.03367	-0.16132	-0.03081	0.06368	0.21389	0.20171	-0.21529	0.04620	0.26147
CRMWHD	0.02724	0.11331	-0.19011	-0.08801	0.15921	-0.07656	-0.09871	-0.08134	-0.09864	0.10742	-0.00924	-0.12466
MWNDFHD	0.01951	0.91542	-0.73330	+0.34827	0.15134	-0.12033	-0.39050	-0.91036	-0.76942	0.88472	-0.08319	-0.88085
IBLWR	-0.08731	-0.73330	0.77899	0.46553	0.05287	0.29367	0.38355	0.89604	0.69924	-0.84892	0.07682	0.76467
OBLWR	-0.08671	-0.34687	0.46559	0.35523	0.31493	0.25892	0.28900	0.52619	0.37780	-0.48778	0.02843	0.39881
INVLWR	-0.12591	0.15134	0.22387	0.31953	0.69670	0.33535	0.14327	0.19096	0.01493	-0.10832	-0.06119	-0.03922
CRLLWR	-0.07635	-0.12035	0.29361	0.25842	0.33535	0.21802	0.15880	0.29138	0.18237	-0.25965	-0.00713	0.17661
ACLWR	-0.09471	-0.39050	0.38355	0.28900	0.14327	0.15880	0.19072	0.43507	0.33182	-0.41017	0.03272	0.36100
CORLWR	-0.04161	-0.91034	0.89604	0.52619	0.19096	0.29138	0.43507	1.00504	0.83385	-1.00190	0.10277	0.92740
STLLBR	-0.06502	-0.76942	0.69924	0.37780	0.01493	0.18237	0.33182	0.83385	0.67919	-0.80135	0.09401	0.76468
TFLPLR	0.07112	0.88472	-0.84892	-0.48778	-0.10832	-0.26065	-0.41017	-1.00190	-0.80135	0.95766	-0.10297	-0.89853
INFLWR	0.00586	-0.08319	0.07682	0.02843	-0.06119	-0.00713	0.03272	0.10277	0.09401	-0.10297	0.01926	0.11155
LRNFHR	-0.09087	-0.88085	0.76467	0.39881	-0.03922	0.17661	0.36180	0.92740	0.76468	-0.89853	0.11155	0.86579



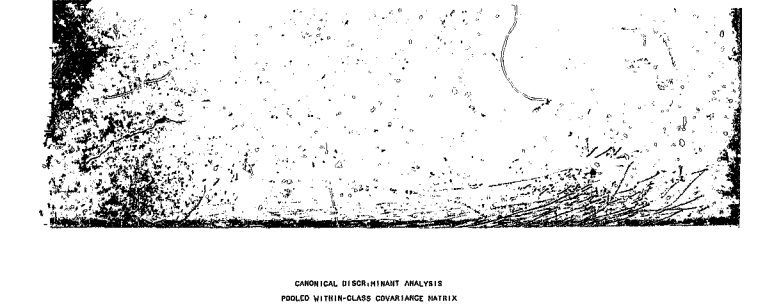


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

VARIABLE	RACMLEN	INTNDLN	NBR	IBRW	OBRW	INMXW	PMXL	LBRP	INFL	INFW	VANGS	VANGB
RACMLEN	1.00593	0.63708	0.03231	0.09615	0.07572	0.10062	0.07281	0.03549	0.08166	0.11606	0.04169	-0.08231
INTNDLN	0.63708	1.00784	0.02325	0.10094	0.06762	0.09956	-0.05569	-0.02948	-0.01582	-0.03054	0.07629	-0.07115
NBR	0.03231	0.02305	0.96875	0.07251	0.12139	0.05006	0.09709	0.04383	0.27241	0.18730	0.14956	0.13023
IBRW	0.09615	0.10094	0.07251	0.91825	0.14729	0.14729	0.14567	-0.00159	0.04007	0.09396	0.16182	-0.06059
OBRW	0.07572	0.06762	0.12139	0.14729	0.50966	0.18177	0.18116	0.14868	0.48175	0.09818	0.10191	0.00272
INMXW	0.10062	0.09956	0.05006	0.16567	0.18177	0.29335	0.08777	0.09494	0.25635	0.25837	0.06950	-0.04138
PMXL	0.07281	-0.05569	0.09709	-0.00159	0.18116	0.08777	0.57388	0.20511	0.13414	0.13823	-0.04131	-0.06259
LBRP	0.03549	-0.02948	0.04383	0.09007	0.14868	0.09494	0.20511	0.64160	0.12497	0.05869	0.09328	-0.04301
INFL	0.08166	-0.01582	0.27241	0.04007	0.48175	0.25635	0.13414	0.12497	0.39018	0.18803	0.04500	-0.08244
INFW	0.11606	-0.03056	0.18730	0.10182	0.09818	0.25837	0.13823	0.05869	0.28053	0.49448	0.09720	0.01697
VANGS	0.04169	-0.07629	0.14956	0.16182	0.10191	0.06950	-0.04131	0.09328	0.04500	0.08720	1.10288	0.80705
VANGB	-0.08231	-0.07115	0.13023	-0.06059	0.00272	-0.04138	-0.06259	-0.04301	0.08244	0.01697	0.80705	0.91820
SNINL	-0.02069	-0.02219	0.14569	0.12390	0.09506	0.09817	0.05346	0.12043	0.10848	0.06877	0.90963	-0.03769
LNWDRL	-0.12966	0.11899	0.07313	0.02405	0.06503	0.02043	0.09298	0.07478	0.03311	-0.02922	-0.03423	-0.17102
RKLNL	0.08203	0.10978	-0.09370	0.06334	-0.00562	-0.00202	-0.10274	-0.05201	-0.07910	0.11853	0.00361	0.00338
RKWDL	0.19054	0.25891	-0.14130	0.02344	-0.06078	-0.06498	-0.15769	-6.12068	-0.19308	-0.09439	0.08992	0.16238
APXAN	0.03570	0.09815	-0.00679	0.07309	-0.00572	-0.01990	-0.06120	-0.09266	-0.01579	0.04884	0.07797	0.05736
APXPS	-0.01787	0.02818	0.01675	-0.04103	-0.05943	-0.00739	0.01051	0.06434	-0.00166	-0.00451	0.09475	-0.03338
ASAN	0.09963	0.08560	0.07205	0.00315	0.04617	0.10674	0.06750	0.08077	0.06350	0.11905	0.16715	0.26789
BSPS	0.06963	0.04966	0.14573	0.01201	0.08948	0.15422	0.12996	0.16328	0.16202	0.16401	0.23928	0.31937
SVINS	0.05381	0.04267	0.13977	-0.04825	-0.02799	0.01268	-0.01152	-0.03916	-0.00668	0.04884	0.31210	0.1981
NSECV	-0.00488	0.00609	0.00981	0.03569	0.08108	-0.01902	-0.06281	0.01140	-0.04058	-0.05138	0.13371	0.20930
PINSV	0.16271	0.25049	-0.05716	0.06556	-0.09207	-0.08262	-0.03263	-0.06697	-0.11837	-0.12610	0.09526	-0.04992
PTLLN	0.13757	0.09706	0.04621	0.04808	0.09909	0.09979	0.09317	-0.08279	0.07470	0.01877	-0.04961	-0.17958
INTLN	0.16216	0.09506	-0.06606	0.04885	-0.05685	-0.00848	-0.07801	0.05963	-0.06692	-0.02861	-0.05783	-0.08828
NFLOR	0.07638	0.06242	0.14621	0.02698	0.11426	0.04715	0.12327	0.10405	0.21896	0.15861	0.10082	0.04823
CORLLN	0.06960	0.10919	0.13971	0.06057	-0.01823	0.13433	-0.00618	-0.03274	0.18977	0.12124	0.0867	0.00830
CORLWD	-0.13655	-0.09845	0.07643	0.13990	0.08188	0.05608	0.13804	0.08236	0.14556	0.10636	0.06368	0.01076
CORTWD	0.02988	-0.02263	0.02981	0.05399	0.04063	0.02811	0.03059	-0.16714	0.10838	0.06569	-0.17999	-0.06059
STKNLGL	0.09031	0.07907	0.12836	0.13948	0.06117	0.10674	0.09435	0.02896	-0.04197	0.05906	0.12973	0.06006
STBLN	0.04430	-0.09353	0.13417	0.05061	0.14312	0.15274	0.06632	0.07045	0.25981	0.18376	0.04308	0.11230
STBWD	0.17326	0.18767	0.12809	0.16949	0.09256	0.10939	0.05115	0.00715	0.13490	0.15906	-0.00795	-0.06279
ACHKLN	0.13122	-0.10084	0.18743	0.03009	0.16719	0.25920	0.17885	0.13602	0.44280	0.42198	0.06100	0.01216
ACHKWD	0.01206	-0.05179	0.09962	0.21577	0.19436	0.16604	0.08930	-0.00013	0.29473	0.20993	0.05286	0.11232
NVPAG	-0.07076	-0.00158	0.03015	0.11881	0.12711	0.04874	0.09071	0.08826	0.06807	0.06012	-0.00077	-0.06913
CRMKWD	0.12860	0.12194	0.09923	0.30057	0.09228	0.17058	0.02188	-0.08066	0.15166	0.20711	0.01982	-0.09269
CRMKWD	-0.05641	0.06353	-0.02508	0.07236	-0.08762	-0.00010	-0.02375	-0.05947	-0.09518	-0.02622	0.10505	-0.03670
CRMTPWD	0.07119	0.10125	-0.00869	0.07751	-0.10567	-0.01339	-0.06929	-0.02836	-0.12101	-0.07260	-0.00726	-0.06010
IBLNS	-0.01611	-0.09635	0.17648	-0.33933	0.18194	0.10078	0.01676	0.11256	0.24064	0.16036	0.08303	0.08907
OBLNS	-0.05052	-0.07266	0.04989	-0.22137	-0.22359	-0.01367	0.05549	0.07159	0.07655	0.04173	0.05674	0.05800
IRVLNR	-0.11692	-0.11798	0.13106	-0.19766	-0.04559	-0.12522	0.01940	0.03515	0.09899	-0.14696	0.01749	0.11457
CRLLNR	0.14687	0.17137	0.10121	-0.01053	-0.06431	0.11161	-0.09944	-0.03824	0.13161	0.03918	0.03514	0.00182
ACLNR	0.19599	-0.02708	0.14544	-0.08466	0.07909	0.19103	0.15403	0.15202	0.35139	0.35314	-0.02578	-0.06143
CORLWR	0.07229	-0.04689	0.16153	-0.02288	0.15273	0.18782	0.05259	0.13558	0.33716	0.10766	0.00260	0.05612
STLLBN	0.00832	-0.15011	0.10867	-0.02161	0.19026	0.13238	0.11048	0.19099	0.28491	0.17763	-0.02499	0.05384
TFLPLN	0.10643	-0.03254	-0.05323	-0.26584	-0.04893	-0.02308	0.06671	-0.01675	-0.00157	0.05795	0.00439	-0.03976
INFLWR	-0.07737	0.08211	0.11627	-0.03380	0.09883	-0.04007	0.02775	0.10984	0.13622	-0.00966	0.04019	0.07169
LRNTHR	-0.06641	0.01455	0.13601	0.10808	0.16127	0.18449	0.18525	0.05313	0.19803	0.11810	0.05470	0.06416

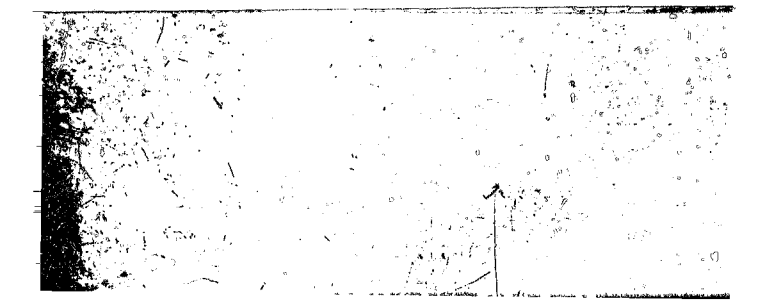




CANONICAL DISCRIMINANT ANALYSIS

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VARIABLE	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACMLEN	-0.03868	-0.12966	0.08203	0.19059	0.03870	-0.01787	0.05953	0.06985	0.05381	-0.00988	0.16871	0.13757
INTWDLN	-0.17214	0.14894	0.10978	0.25801	0.09815	-0.02018	0.08062	0.09584	0.04062	0.02629	0.25049	0.06746
NBR	0.14569	0.07313	-0.05570	-0.14130	0.00479	0.01675	0.03509	0.14573	0.03977	0.00961	-0.05716	0.04421
LBRW	0.12340	0.62805	0.05138	0.02344	0.07309	-0.04103	-0.00315	0.01201	-0.04805	0.03569	0.00554	0.01662
OBRW	0.09526	0.56503	-0.00508	-0.00626	-0.06572	0.03943	0.04617	0.00948	-0.02759	-0.06192	-0.09207	0.00909
INKSW	0.09017	0.02043	-0.04202	-0.06498	-0.01990	-0.00734	0.10674	0.15422	0.01286	-0.01908	-0.08262	0.00979
PWKL	0.05346	0.05298	-0.10007	-0.15769	-0.06180	0.01051	0.02877	0.12996	-0.01767	-0.00207	-0.03263	0.03647
LBRP	0.12043	0.07478	-0.05201	-0.12068	-0.00266	-0.06434	0.06590	0.16328	-0.03936	0.01140	-0.06697	-0.08279
INFL	0.10898	0.01311	-0.07910	-0.12308	-0.05374	-0.00166	0.10070	0.16002	-0.00668	-0.00904	-0.1331	0.07470
INTW	0.02677	-0.02922	-0.11853	-0.09439	0.03704	-0.00451	0.11925	0.16901	0.04884	-0.05138	-0.12610	0.01877
VANGS	-0.00960	-0.00863	-0.00301	0.05826	0.07797	0.09175	0.16176	0.23968	0.13374	0.13371	-0.09536	-0.09851
VANGB	-0.03799	-0.11102	0.00338	0.16236	0.05736	-0.03330	0.26789	0.31937	0.18570	0.20430	-0.04992	-0.17952
SHINL	0.88837	0.62827	0.16100	-0.97886	-0.21830	-0.18681	-0.19917	0.23590	-0.20689	0.04249	0.08148	0.09773
LNWDRL	0.62267	0.76259	0.22332	-0.52123	-0.29696	-0.07329	-0.42831	-0.03018	-0.20078	0.08733	-0.06815	0.13455
MXLNL	0.16100	0.22332	0.70608	-0.17066	-0.20090	0.10689	-0.00483	0.09515	-0.11180	0.09708	0.15990	0.30809
MXWDL	-0.97830	-0.52123	0.17066	1.01267	0.12671	0.17126	0.14195	0.12180	0.07396	0.19020	0.21968	0.17026
APXAN	0.21836	0.29696	0.20090	0.12671	0.80786	-0.31827	0.08846	-0.08643	0.11980	0.06829	0.14309	0.13215
APXPS	-0.18841	-0.07329	0.10689	0.17126	-0.31827	0.86009	0.05172	-0.01986	0.05986	0.03985	-0.05453	0.09419
BSAN	-0.19917	-0.42831	0.00483	0.14195	0.08846	0.05172	0.86761	0.49136	0.19982	0.11154	0.14093	-0.12117
BSPS	0.23590	-0.03018	0.09515	0.12180	-0.08643	-0.01986	0.49136	0.95621	0.04873	0.16926	-0.03695	-0.11311
SVINS	-0.20689	-0.20078	-0.11180	0.07396	0.11980	0.05986	0.19982	0.04873	1.00050	0.28083	-0.10819	-0.15823
NSECV	0.04249	0.08733	0.09708	0.19020	-0.06829	0.03985	0.11154	0.16926	0.28083	0.68814	-0.7859	0.13628
PINSV	-0.08148	-0.06815	0.15990	0.21968	0.14309	-0.05453	0.01093	-0.03699	-0.10819	-0.12059	0.96584	0.05106
PTLLN	0.09773	0.13455	0.30809	0.17026	0.13215	0.09419	-0.10117	-0.11311	-0.15823	0.13628	0.05106	0.92021
INTLN	-0.07925	-0.02894	0.21941	0.28502	-0.00712	0.09846	0.06009	0.03022	0.01202	0.06841	0.09373	-0.03008
MTLNR	-0.07205	-0.02894	0.20676	0.07610	0.09632	0.03338	0.12875	0.00527	0.01066	0.01008	0.10056	0.07747
CORLLN	-0.12247	-0.13357	-0.02018	0.10930	0.08591	0.03074	0.21603	0.10730	0.10107	0.04025	0.06493	0.06018
CORLWD	-0.07740	-0.10815	-0.01796	0.03256	0.11726	-0.03963	0.12219	0.11307	-0.01201	-0.06857	-0.04190	-0.03089
CORTWD	-0.04646	-0.06790	0.01963	0.08891	0.04414	-0.07408	0.08909	0.09713	-0.12256	-0.01708	0.00223	0.14395
STWKLGL	-0.08503	-0.04387	0.09308	0.06075	0.01839	0.07131	-0.03690	0.12873	0.05473	0.01558	0.10072	-0.03111
SIBLN	0.02938	-0.00836	-0.07009	-0.09184	0.06193	-0.01826	0.06505	0.03891	0.03460	-0.05394	-0.03938	0.04861
STBWD	0.04216	-0.00492	-0.04893	-0.09371	0.10251	-0.04423	0.09158	0.10896	-0.00478	-0.11458	0.09919	0.07144
ACMKLN	0.11669	0.09002	-0.12181	-0.15749	-0.06758	0.00897	0.12657	0.21083	-0.05691	0.07457	-0.23720	0.08423
ACMKWD	0.16926	0.12913	-0.02141	-0.08417	0.02095	-0.01757	0.08062	0.08562	-0.06878	0.06208	-0.04116	0.13628
RVPAC	-0.01542	-0.01199	-0.07108	-0.04245	0.05869	-0.13169	-0.03930	-0.10039	-0.03127	0.08691	0.01006	-0.00303
CRMWWD	-0.00730	-0.00461	-0.02610	0.09341	0.16413	-0.02748	0.12618	0.01508	0.04082	0.00816	0.05046	0.01992
CRMNWD	0.00819	0.04163	-0.00942	0.11042	0.06385	0.00990	0.06534	0.11570	-0.03892	0.08200	0.14009	-0.09359
WWDFRD	-0.03281	-0.04830	0.10062	0.11580	-0.00469	0.00327	-0.01148	-0.04501	0.03896	0.05369	0.04733	0.05996
IBLNR	0.04386	0.03502	-0.07453	-0.11349	-0.06691	0.02761	0.12740	0.13890	0.01183	-0.02981	-0.04980	0.04811
OBLWR	-0.01637	0.01633	-0.02219	-0.04934	-0.11758	0.13381	0.05698	0.12996	0.04122	-0.05861	-0.05839	-0.05612
INVLWR	0.04667	0.03461	-0.08007	-0.04215	-0.05280	0.06389	0.08596	-0.00304	0.00499	0.06017	-0.00884	0.11079
CRLLWR	-0.07381	-0.06942	0.02801	0.08655	-0.00920	0.07862	0.12676	0.03261	0.15368	0.02978	0.07599	0.07623
ACLWR	0.04216	0.01260	-0.12849	-0.14195	-0.08126	0.09759	0.08651	0.18390	-0.02561	-0.12601	-0.19666	0.00784
CORLWR	0.03570	0.04839	-0.05636	-0.10669	-0.04190	0.00004	0.05941	0.09766	-0.00865	-0.02306	-0.04321	0.04158
SITLDR	0.08677	0.01991	-0.11634	-0.13416	0.02930	-0.00561	0.13266	0.17895	-0.05804	-0.09785	-0.11493	0.09081
TFLPLR	-0.04509	-0.03846	-0.05784	0.00151	0.02067	0.02794	-0.01283	-0.00488	0.01303	-0.04525	-0.05346	-0.03514
WFLWR	0.13799	0.13271	0.19075	-0.03027	-0.11718	0.00288	-0.05075	-0.07692	-0.08338	0.05184	0.05634	0.09779
LRNFHR	0.00056	-0.01930	-0.08084	-0.05065	0.01426	0.00522	0.11041	0.11031	0.00230	-0.04578	-0.02849	-0.04903





CANONICAL DISCRIMINANT ANALYSIS

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RIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STNKLGL	STBLN	STBWD	ACMXLN	ACMXWD	RVPAC	CMXWD
CRLEN	0.16216	0.07638	0.06960	-0.13655	0.02986	0.09031	0.04430	0.17324	0.13122	-0.01206	-0.07076	0.12868
TNDLN	0.09506	0.00242	0.10919	-0.08946	-0.02243	0.19707	-0.09353	0.13747	-0.10984	-0.15979	-0.00158	0.25194
R	-0.06646	0.16691	0.13911	0.17401	0.02981	0.12836	0.13117	0.18306	0.18743	0.10992	0.03015	0.09733
RW	0.09482	0.00698	0.09057	0.11990	0.05359	0.16948	0.05061	0.12407	0.03009	0.21577	0.11883	0.30057
RM	-0.05685	0.15436	-0.01823	0.05188	0.04683	-0.00536	0.14312	0.04596	0.16719	0.13636	0.12711	0.05358
RMW	-0.00848	0.09313	0.12433	0.09968	0.08811	0.09335	0.15274	0.10824	0.25920	0.16904	0.08674	0.17058
XL	-0.07801	0.12597	-0.00618	0.13406	0.03059	-0.03296	0.08632	0.05145	0.17885	0.05920	0.09071	0.08189
RP	0.09263	0.10609	0.13274	0.00836	-0.16114	-0.04197	0.07645	0.00814	0.13658	-0.00011	0.05686	-0.09604
FL	-0.92650	0.21264	0.18977	0.10265	0.10838	0.11460	0.25981	0.13990	0.46220	0.24473	0.05807	0.14169
FW	0.02852	0.25861	0.12126	0.19086	0.08569	0.05904	0.16376	0.16502	0.42158	0.26997	0.06018	0.28711
NOS	-0.02783	0.00983	0.00827	-0.06768	-0.17599	0.12973	0.04309	-0.00985	0.00106	-0.05890	-0.00077	0.07682
NOB	-0.08826	0.04805	0.08830	0.01076	-0.04659	-0.02606	0.01214	0.11220	-0.05879	0.01216	0.11232	-0.09289
INL	-0.07925	0.07305	-0.12247	-0.07760	-0.04646	-0.02503	0.02938	0.04216	0.11669	0.16926	-0.01542	-0.06730
WDRL	-0.02814	0.04211	-0.13357	-0.10232	-0.06790	-0.02817	-0.00836	-0.04922	0.04002	0.07277	-0.01192	-0.11946
LNL	0.21941	-0.00276	-0.02018	-0.07796	0.01963	0.03908	-0.07004	-0.04249	-0.12181	-0.02141	-0.07108	-0.02610
WDL	0.28502	0.02410	0.00130	0.03168	0.08891	0.06075	-0.09184	-0.06371	0.15769	-0.08617	0.04195	0.08141
XAN	-0.00712	-0.09632	0.08591	0.11138	0.09414	-0.01835	0.04193	0.16251	-0.06758	0.02095	0.05865	0.18413
XPS	0.09846	0.03308	0.03574	-0.05963	-0.07408	0.07131	-0.01826	-0.04053	0.00857	-0.15757	-0.13169	-0.07768
AA	0.08009	0.12875	0.21603	0.13819	0.08909	-0.03640	0.06905	0.05152	0.12657	0.08066	-0.03930	0.13918
PB	0.01022	0.20587	0.10730	0.11425	0.08113	0.12826	0.03801	0.13606	0.21083	0.20562	-0.10439	0.01868
RNS	0.01202	0.11066	0.10107	-0.07021	-0.12298	0.05473	0.03460	-0.06478	-0.05691	-0.06878	-0.03127	0.04020
EGV	0.06841	-0.01008	0.04025	0.02857	-0.03708	0.01883	-0.05944	-0.11458	-0.07457	0.06808	-0.08641	0.00816
MGV	0.09373	0.11001	0.06493	-0.04104	0.00823	0.10072	-0.03938	0.09979	-0.25720	-0.19645	0.01006	0.10946
LLN	-0.03908	-0.01747	0.06018	-0.03084	0.14395	-0.03131	0.04867	-0.07144	-0.08427	0.12692	-0.00303	0.01990
TLN	1.01182	0.03932	0.06003	-0.11329	-0.07032	-0.07909	-0.00846	-0.02509	0.00958	0.16178	-0.03905	0.09886
LOR	-0.03932	0.82561	0.03660	-0.01591	0.00050	-0.04806	0.06031	0.03172	0.20544	0.01191	-0.00860	-0.03359
YLLN	0.06003	-0.04450	0.07490	0.13665	0.17003	0.21808	0.11211	0.17290	0.15749	-0.04187	0.01897	0.06760
RLWD	-0.11329	0.01691	0.35665	1.00051	0.50012	0.07761	-0.00481	0.24089	0.10951	0.32972	0.19810	0.40728
RTWD	-0.07032	-0.00050	0.37093	0.50012	1.00865	0.08351	0.16856	0.33561	0.15713	0.53476	0.07867	0.59274
XKLGL	-0.07909	0.04806	0.21482	0.07761	0.08551	0.84325	0.12314	0.13991	0.01265	0.09911	0.06376	0.26882
BLN	-0.00846	0.06031	0.1252	0.00481	0.16856	0.12314	0.95706	0.09275	0.16793	0.02206	0.06452	0.19549
BWD	-0.02905	0.03172	0.17390	0.24089	0.33561	0.13991	0.09275	0.96922	0.12375	0.15179	0.13519	0.47845
RFLW	0.00903	0.20544	0.15687	0.10951	0.15713	0.01265	0.12793	0.12379	0.90376	0.45810	0.01987	0.19287
RWWD	-0.12175	0.01191	0.16097	0.32972	0.53476	0.09911	0.22226	0.15179	0.43810	0.77231	0.17631	0.33208
PAC	-0.08909	-0.00860	0.01867	0.19810	0.07867	0.06376	0.06452	0.13519	0.01987	0.17631	0.15187	0.25305
RWWD	0.05986	-0.03359	0.06790	0.40728	0.59274	0.26882	0.19549	0.47845	0.19287	0.33208	0.20305	0.94394
BJWD	0.15402	-0.09079	0.17199	0.35936	0.52150	0.15304	0.03377	0.23917	0.10431	0.16608	0.08624	0.82415
RROFWD	0.11082	-0.08315	-0.02299	-0.09810	0.00133	-0.06290	0.00736	-0.07590	-0.02907	-0.08268	-0.06341	0.00791
LWR	-0.09038	0.15794	0.12934	0.00744	0.01305	0.00575	0.14492	0.01824	0.23259	0.02315	-0.01154	-0.07015
LWR	0.00318	0.09408	0.03783	-0.02111	0.08261	-0.03905	0.07672	-0.03486	0.09835	-0.13285	-0.02332	0.10815
VLWR	-0.06042	-0.10874	0.07933	0.01319	0.02566	0.02987	0.05210	-0.06253	0.01372	-0.02824	-0.00090	-0.12240
LLWR	0.18745	0.05901	0.09007	-0.23956	0.08307	0.17555	0.11583	0.03583	0.07427	-0.01500	-0.10349	0.03725
LWR	0.07560	0.21556	0.06241	-0.05244	-0.01356	-0.04571	0.24367	0.07112	0.76051	-0.06030	-0.03028	-0.01164
RLWR	-0.02618	0.16191	0.08228	-0.09377	0.01600	0.04710	0.17275	-0.01068	0.20370	0.04277	0.00675	-0.19507
LLBR	-0.00559	0.20861	0.03455	0.07567	0.09181	-0.41667	0.16047	0.08542	0.30502	0.11480	0.04513	-0.01968
LPLR	-0.06661	-0.01107	-0.06313	0.00930	0.08452	-0.06409	0.04256	0.04109	0.05107	0.11358	0.05055	0.00780
FLWR	-0.01313	-0.11703	0.09304	-0.09361	0.01439	0.13879	0.08557	-0.12139	-0.03610	-0.00066	0.00694	-0.15497
AFWR	-0.06212	0.12845	0.14106	0.10786	0.06867	0.06159	0.11095	0.09341	0.17437	0.09585	0.12427	0.17102

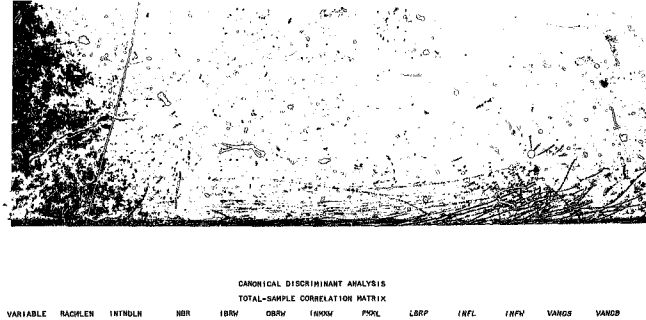




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

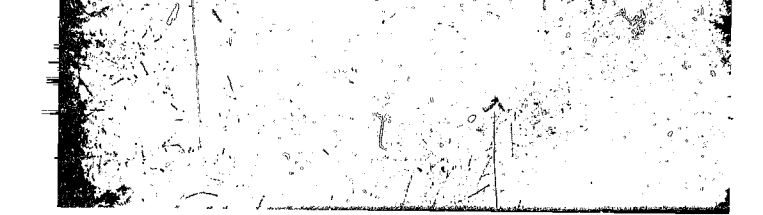
VARIABLE	CRMNHD	NWNDFHD	IBLWR	OBLWR	INVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACHLEN	-0.05641	0.37119	-0.01811	-0.05052	-0.11692	0.14687	0.14599	-0.01729	0.00832	0.10643	-0.07737	-0.06641
INTNDLN	0.06193	0.19125	-0.09635	-0.07248	-0.11258	0.17137	-0.02708	-0.04484	-0.15011	-0.03254	0.02231	0.01459
NDR	-0.02508	-0.08864	0.17698	0.04989	0.13106	0.10121	0.14544	0.16152	0.10867	-0.05323	0.11627	0.13601
IBW	0.07256	-0.07251	-0.33931	0.22137	-0.19756	-0.01053	-0.08466	-0.02868	-0.02161	-0.05628	-0.02380	0.16802
OBRW	-0.08762	-0.10587	0.11194	-0.23159	-0.04250	-0.06931	0.07909	0.15271	0.19026	-0.04893	0.09883	0.16127
INKWW	-0.00010	-0.11330	0.10278	-0.01331	-0.12922	0.11169	0.19103	0.12782	0.13128	-0.02108	-0.04027	0.18499
PRCL	0.02375	-0.05229	0.07676	0.05509	0.01790	-0.09894	0.15493	0.05259	0.11048	-0.04873	-0.03775	0.18525
LBRP	-0.05447	-0.02808	0.11256	0.07359	0.03515	-0.03824	0.15802	0.13558	0.15099	-0.01675	0.10928	0.05113
INTL	0.09518	-0.12107	0.09064	0.07061	0.09869	0.11361	0.35139	0.23716	0.24051	-0.00157	0.13422	0.19803
INTW	-0.02922	-0.07260	0.10636	0.04173	-0.16646	0.03918	0.35374	0.10766	0.17563	0.00795	-0.00966	0.11810
VANGS	0.10505	0.00797	0.00303	0.05674	0.01989	0.0315	0.02578	0.00820	-0.05899	0.00419	0.00019	0.05470
VANGB	0.03670	-0.04734	0.08907	0.05800	0.11657	0.00182	-0.06143	0.05618	0.02184	-0.03976	0.07164	0.06416
SHINL	0.00610	-0.03281	0.09186	-0.01637	0.04582	-0.07181	0.04238	0.05370	0.09877	-0.04589	0.13749	0.00056
LWNDRL	-0.06163	-0.06030	0.03592	0.01633	0.03161	-0.06993	0.01220	0.04239	0.01991	-0.03846	0.13271	-0.01930
KNLWL	0.09940	0.10062	-0.07353	-0.02219	-0.09097	0.05801	-0.12849	-0.05636	-0.11634	-0.05784	0.10975	0.08084
KNWDL	0.11942	0.13580	-0.11369	-0.04934	-0.09215	0.08605	-0.14195	-0.10669	-0.13416	0.00151	-0.03027	-0.05065
APXWL	0.06385	-0.00960	-0.08691	-0.17758	-0.05080	0.00989	-0.08126	-0.04190	0.02930	0.02867	-0.12118	0.01626
APXPS	0.00290	0.00327	0.00761	0.13391	0.05389	0.07862	0.09759	0.00004	-0.05561	0.02794	0.00580	0.00522
BSAN	0.06535	0.01149	0.12760	0.03558	0.02355	0.12676	0.08951	-0.05981	0.13004	-0.01083	0.09874	0.11067
BSPS	0.11570	-0.09501	0.13090	0.12996	-0.00304	0.03261	0.16390	0.09766	0.17855	-0.00988	-0.07692	0.11031
SVIWS	0.04882	0.03394	0.01731	-0.04122	-0.00409	0.15368	-0.02541	-0.00865	-0.05804	0.01303	-0.08038	0.00330
BSECV	0.08200	0.09569	-0.02583	-0.05861	0.06217	0.02978	-0.12601	-0.02306	-0.09785	-0.04525	0.05184	-0.05578
PINSV	0.14009	0.06733	-0.04980	-0.05239	-0.00889	0.07905	-0.19666	-0.043	-0.11405	-0.04634	0.05639	-0.02489
INTLN	-0.09359	0.05996	0.08211	0.04612	0.11079	0.17623	0.00786	0.09125	0.09031	-0.03514	0.09779	-0.04903
INTLN	0.15495	0.11882	-0.09038	0.00318	-0.06048	0.18745	0.07560	-0.02618	-0.00532	0.06667	-0.01313	-0.06818
NFLTH	0.09079	-0.08315	0.15724	0.09408	-0.10874	0.05601	0.21356	0.16190	0.09055	-0.01107	0.1703	0.12895
CORLLN	0.17195	-0.02299	0.12934	-0.03783	0.07933	-0.69207	0.06241	-0.06826	0.03459	-0.00373	0.09309	0.14706
CORLWD	0.09536	-0.09210	0.00764	-0.08111	0.01319	-0.83306	-0.05264	-0.04379	0.10787	-0.00380	0.04891	0.10786
CORTWD	0.02350	0.00133	0.01305	0.02261	0.02966	0.08307	-0.01356	0.01600	-0.09981	0.00458	0.01439	0.06867
STRKLGL	0.15309	-0.05284	0.09575	-0.03905	0.08287	0.17539	0.06571	0.04771	0.11457	-0.00469	0.12879	0.06159
STBLN	0.03377	-0.06240	0.14692	0.07672	0.05210	0.11523	0.26247	0.17375	0.16047	0.04405	0.08557	0.11095
STBWD	0.21817	0.00736	0.01824	0.03486	-0.06293	0.19583	0.07112	0.01866	0.08542	0.03256	-0.0038	0.09341
ACHKLN	0.14431	-0.07590	0.23259	0.09835	0.01372	0.07627	0.76051	0.20370	0.30602	0.24794	-0.03610	0.17437
ACKHWD	0.16498	-0.09253	0.08315	0.13265	-0.00823	0.01599	-0.06030	0.04337	0.11680	0.04253	-0.05636	0.02689
NVFAC	0.08484	-0.08268	-0.01156	-0.03333	-0.00090	-0.10349	-0.03028	0.00615	0.04513	-0.05366	0.00694	0.12427
CRKWND	0.02915	0.06391	-0.07315	-0.10815	-0.12240	0.03725	-0.01106	-0.14527	-0.01998	0.00780	-0.15407	0.1102
CRMWND	0.09508	0.08914	-0.15722	-0.01071	-0.14808	0.03663	-0.25092	-0.18981	-0.18624	0.01902	-0.10033	-0.07382
NWNDFHD	0.05916	0.35827	-0.19883	-0.08258	-0.10954	0.02725	-0.06945	-0.09723	-0.08369	0.0148	-0.06345	0.29093
IBLWR	0.13572	0.09962	0.46368	0.19527	0.25020	0.12868	0.26172	0.23918	0.23486	-0.06737	0.19592	0.12066
OBLWR	-0.01071	0.02858	0.19527	0.17195	0.16953	0.04480	0.17340	0.09259	0.11761	0.03534	0.04821	-0.03638
INVLWR	0.14808	0.00726	0.25020	0.16953	0.27358	0.07562	0.03225	0.11339	0.09085	-0.05607	0.03958	-0.01337
CRLLWR	0.03663	0.02765	0.12868	0.04480	0.07562	0.86475	0.08204	0.10921	-0.01269	-0.00656	0.15326	0.07378
ACLWR	-0.25092	-0.06945	0.26172	0.17340	-0.03225	0.08204	0.68386	0.18981	0.27705	0.20428	-0.09547	0.14782
CORLWR	-0.18941	-0.09773	0.23912	0.09950	0.11739	0.10981	0.19801	0.29895	0.21973	-0.06808	0.19460	0.10863
STLLBR	-0.18624	-0.09369	0.23486	0.11761	0.09085	-0.01269	0.27705	0.21973	0.55157	-0.02396	0.04404	0.18792
TFLPLR	0.01902	0.12148	-0.06757	0.03598	-0.05607	-0.05636	0.20428	-0.06808	0.02596	0.36214	-0.11195	-0.05032
INFLWR	0.1033	-0.06345	0.19592	0.04823	0.03958	0.15326	-0.09547	0.19460	0.04404	0.11195	0.30242	0.10249
LRNFHR	-0.07382	-0.29093	0.12066	-0.03638	-0.01337	0.07378	0.14782	0.10863	0.18792	-0.05032	0.10249	0.42464

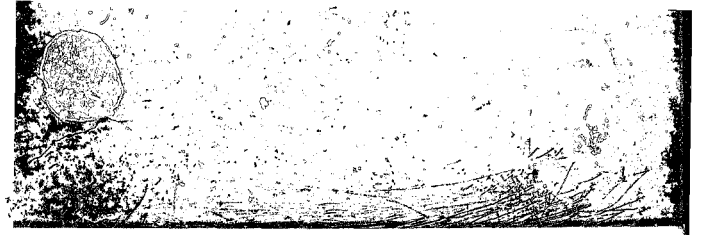


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	RACMLEN	INTNDLN	NBR	IBRW	OBRW	INNOW	PNPL	LBRP	INFL	INFN	VANGS	VANGB
RACMLEN	1.0000	0.6230	-0.0338	0.0599	0.0158	0.0266	0.0176	-0.0153	0.0129	0.0531	0.0400	-0.0477
INTNDLN	0.6230	1.0000	0.0690	0.1588	0.0565	0.1166	0.0237	0.0072	0.0101	0.0997	0.0271	-0.0647
NBR	-0.0338	0.0690	1.0000	0.3431	0.5991	0.8080	0.6617	0.5094	0.8722	0.7371	0.1530	0.3651
IBRW	0.0599	0.1588	0.3431	1.0000	0.4919	0.5734	0.3016	0.2310	0.3937	0.3690	0.0891	0.0915
OBRW	0.0158	0.0565	0.5991	0.4919	1.0000	0.7708	0.5615	0.5021	0.7050	0.5511	0.0927	0.1817
INNOW	0.0266	0.1166	0.8080	0.5734	0.7708	1.0000	0.5837	0.5949	0.8906	0.8294	0.0821	0.2780
PNPL	0.0176	-0.0237	0.6617	0.3016	0.5615	0.5837	1.0000	0.5013	0.6391	0.6028	-0.0084	0.1769
LBRP	-0.0153	0.0072	0.5094	0.2310	0.5021	0.5949	0.6013	1.0000	0.5910	0.4674	0.0554	0.1433
INFL	0.0129	0.0101	0.8722	0.3937	0.7050	0.8906	0.6391	0.5910	1.0000	0.8373	0.0518	0.3195
INFN	0.0531	0.0997	0.7371	0.3690	0.5511	0.8294	0.6028	0.4674	0.8373	1.0000	0.0388	0.2352
VANGS	0.0400	0.0271	0.1530	0.0891	0.0927	0.0821	-0.0084	0.0554	0.0518	0.0388	1.0000	0.3047
VANGB	-0.0477	-0.0647	0.3651	0.0915	0.1817	0.2780	0.1769	0.1433	0.3195	0.2352	0.3047	1.0000
SWING	-0.0028	-0.0889	-0.1273	0.0061	-0.1170	-0.1606	-0.1785	-0.0940	-0.1658	-0.2218	-0.0071	-0.1948
LSWDRL	-0.0896	-0.1783	-0.3046	-0.1658	-0.2716	-0.3944	-0.2601	-0.2151	-0.3951	-0.3806	-0.0892	-0.3164
RKLNG	0.1268	0.0787	-0.4758	0.0711	-0.3712	-0.3965	-0.4698	-0.3752	-0.5691	-0.5038	-0.0026	-0.1620
RKNDL	0.1908	0.2536	-0.1692	0.0112	-0.1006	-0.0908	-0.1776	-0.1394	-0.1676	-0.1170	0.0845	0.1500
APXAN	0.0044	0.1168	0.3163	0.2027	0.1559	0.2907	0.0094	0.1535	0.2778	0.3260	0.0790	0.1806
APXPS	0.0120	-0.0370	-0.2582	-0.1577	-0.2672	-0.2778	-0.2251	-0.1531	-0.2770	-0.2576	0.0426	-0.1829
BSAN	0.0619	0.1047	0.3353	0.1669	0.3076	0.4246	0.2510	0.2780	0.3842	0.3811	0.1704	0.3729
BSPS	0.0496	0.0666	0.3274	0.1119	0.2554	0.3426	0.2492	0.2740	0.3242	0.3081	0.2414	0.3738
SVINS	0.0402	0.0466	0.1245	-0.0189	0.0321	0.0922	0.0624	0.0892	0.0778	0.1262	0.3096	0.2173
RSEDV	0.0271	0.0963	-0.2309	-0.1868	-0.3139	-0.3906	-0.5840	-0.1696	-0.3046	-0.2884	0.1216	0.1113
PTWSV	0.1782	0.2608	-0.2357	-0.0329	-0.1967	-0.2316	-0.1922	-0.2123	-0.2902	-0.2867	0.0954	-0.1223
PTLLN	0.1460	0.0530	0.2675	0.0796	0.2115	0.1745	0.2260	0.0896	0.2096	0.2025	0.0731	0.0927
INTLN	0.1566	0.0957	-0.0336	0.0353	-0.0326	0.0224	0.0496	0.0862	-0.0239	0.0089	-0.0273	0.0763
NFLGR	0.0100	0.0558	0.7110	0.3831	0.6854	0.6845	0.5678	0.5160	0.7681	0.7103	0.0825	0.2519
CORLLN	0.0496	0.1097	0.3508	0.0649	0.0769	0.1604	0.1913	0.1469	0.3861	0.3091	0.0037	0.0967
CORLWD	-0.1636	-0.0797	0.1419	0.1983	0.1596	0.1402	0.1853	0.0580	0.1873	0.2846	-0.0624	0.0366
CORTND	0.0260	0.0170	0.0907	0.0872	0.0787	0.0683	0.0447	-0.1517	0.1329	0.0868	-0.1717	0.0583
STRKLOL	0.0563	-0.1117	0.6376	0.2391	0.2180	0.3328	0.2365	0.2058	0.3220	0.3938	0.1487	0.0989
STBLN	-0.0140	-0.0544	0.6500	0.3002	0.5698	0.6916	0.5812	0.4777	0.7826	0.6616	0.0483	0.3154
STSWD	0.1521	0.1512	0.3364	0.2281	0.2903	0.3928	0.1765	0.1760	0.2968	0.3296	-0.0063	-0.0017
ACMKLN	0.1035	0.0963	0.4328	0.1362	0.3393	0.4877	0.3918	0.3318	0.6818	0.6429	0.0913	0.1115
ACMSWD	0.0106	0.1548	0.0954	0.0934	0.1799	0.1799	0.0772	0.0810	0.2588	0.1949	0.0543	0.0753
AVPAC	0.1277	0.0359	0.5907	0.3647	0.5529	0.5891	0.5292	0.4506	0.5959	0.5423	0.0048	0.1379
CRMWND	0.1092	0.2336	0.2276	0.4327	0.2222	0.3585	0.1139	-0.0007	0.2828	0.3289	0.0605	0.0845
CRMNWD	-0.0520	0.0652	0.0954	0.0918	0.1961	0.1808	0.0767	0.1015	0.1196	0.0659	0.1063	-0.0592
NWHGFWD	0.1331	0.1336	-0.6428	-0.4491	-0.6551	-0.7715	-0.5171	-0.4447	-0.7026	-0.5955	-0.0207	-0.2768
IBLWR	-0.0775	-0.0115	0.7258	0.4183	0.5301	0.6405	0.5520	0.5490	0.7535	0.6166	0.0060	0.3024
OBLWR	-0.0819	-0.0612	0.3795	-0.1389	-0.0342	0.2555	0.3516	0.3933	0.3934	0.3394	0.0527	0.1922
INVLWR	-0.1153	-0.1383	0.5305	-0.3933	-0.1716	-0.2026	0.1553	0.1530	0.1616	-0.0659	0.0009	0.1683
CRLLWR	0.1298	0.1651	0.2865	-0.0395	-0.0131	0.2140	0.0811	0.1241	0.2981	0.2019	0.0284	0.0808
AGLWR	0.1156	-0.0119	0.4139	0.0111	0.2709	0.4433	0.3873	0.3602	0.6150	0.5969	0.0259	0.0679
CORLWR	-0.0548	0.0019	0.8077	0.2818	0.6796	0.7967	0.5986	0.6389	0.8614	0.7071	0.0092	0.3121
STLLBR	-0.0505	-0.1059	0.6184	0.2609	0.6417	0.6980	0.5343	0.5402	0.7680	0.6514	-0.0501	0.2255
TFLPLR	0.1761	0.0781	-0.6700	-0.3698	-0.3648	-0.6726	-0.4533	-0.4956	-0.6302	-0.5163	-0.0030	-0.2831
WFLWR	-0.0846	0.0306	0.1764	0.0456	0.1762	0.0873	0.0093	0.1516	0.2006	0.1445	0.0636	0.0938
LRNFWR	-0.7318	0.0543	0.7026	0.4416	0.6824	0.8220	0.6506	0.4857	0.7039	0.6489	0.0686	0.2853

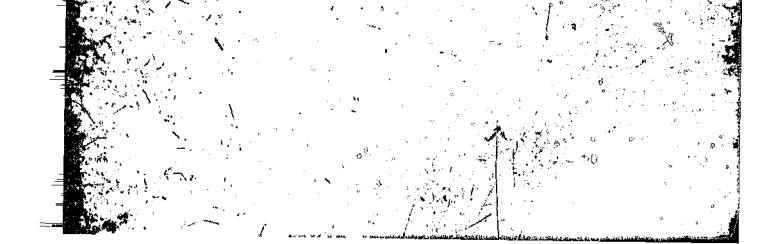


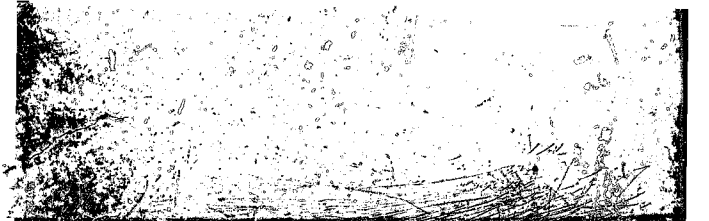


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACMLEN	-0.0088	-0.0846	0.1268	0.1908	0.0094	0.0120	0.0612	0.0496	0.0482	0.0271	0.1782	0.1160
LNTNDLN	-0.0889	-0.1783	0.0097	0.2536	0.1188	-0.0370	0.1047	0.0666	0.0466	-0.0063	0.2408	0.0530
NBR	-0.1273	-0.3066	-0.4754	-0.1652	0.3163	-0.2582	0.3353	0.2576	0.1295	-0.2305	-0.2257	0.2475
IBRW	0.0061	-0.1856	-0.1711	0.0112	0.2027	-0.1517	0.1664	0.1119	-0.0189	-0.1858	-0.0329	0.0749
OBRW	-0.1170	-0.2716	-0.3712	-0.1006	0.1509	-0.2672	0.3076	0.2554	0.1321	-0.2035	-0.1967	0.2115
IHRKW	-0.1826	-0.2948	-0.4965	-0.0906	0.2907	-0.2778	0.4246	0.3476	0.0922	-0.3506	-0.2316	0.1785
PRXL	-0.1785	-0.2601	-0.4098	-0.1776	0.2059	-0.2291	0.2510	0.2492	0.0624	-0.2606	-0.1922	0.2690
LBRF	-0.0940	-0.2151	-0.3752	-0.1398	0.1535	-0.1931	0.2782	0.2740	0.0892	-0.1606	-0.2123	0.0856
INFL	-0.1636	-0.3551	-0.5091	-0.1676	0.2770	-0.2770	0.4106	0.3248	0.0778	-0.3086	-0.2908	0.2025
INFW	-0.2230	-0.3806	-0.5088	-0.1170	0.3240	-0.2576	0.3811	0.3081	0.1262	-0.2884	-0.2867	0.2025
VANGS	0.0075	-0.0692	-0.0026	0.0045	0.0790	-0.0926	0.1704	0.2614	0.2095	0.1218	-0.0954	0.0911
VANGB	-0.1498	-0.3164	-0.1520	0.1500	0.1806	-0.1424	-0.1739	0.1738	0.2173	0.1113	-0.1223	-0.0937
SHINL	1.0000	0.7279	0.3091	-0.6501	-0.3576	-0.0604	-0.3219	-0.1656	-0.2434	0.1961	-0.0834	0.0000
LNWDRL	0.7834	1.0000	0.4941	-0.4979	-0.4863	0.0973	-0.6107	-0.1598	-0.2483	0.2610	0.0366	0.0789
MXLNL	0.3481	0.4941	1.0000	-0.4828	-0.4153	0.2540	-0.2119	-0.0250	-0.1750	0.4772	0.2735	0.1689
MXWDL	-0.6501	-0.4979	-0.4828	1.0000	0.1115	0.1808	0.4233	0.1131	0.0693	0.1981	0.2245	0.1592
APXAN	-0.3576	-0.4863	-0.4153	0.1115	1.0000	-0.4585	0.2268	0.0108	0.1830	-0.1605	0.0051	0.0196
APXPS	-0.0604	0.0975	0.2540	0.1808	-0.4585	1.0000	-0.0744	-0.0855	0.0189	0.1393	0.0329	-0.0063
BSAN	-0.3219	-0.6107	-0.2119	0.4233	0.2268	-0.0744	1.0000	0.5719	0.2335	-0.0349	-0.0612	-0.0209
BSPS	0.1656	0.1594	-0.0250	0.1131	0.0108	-0.0855	0.5719	1.0000	0.3966	0.0866	-0.0827	-0.0787
SVINS	-0.2434	-0.2493	-0.1750	0.0693	0.1830	0.0189	0.2335	0.3966	1.0000	0.2100	-0.1353	-0.1211
NSECV	0.1961	0.2610	0.4772	0.1981	-0.1605	0.1393	-0.0349	0.0866	0.2108	1.0000	-0.0803	0.0963
PINSV	0.0834	0.0366	0.2735	0.2245	0.0051	0.0329	-0.0612	-0.0827	-0.1353	-0.0803	1.0000	-0.0879
PTLLN	0.0000	0.0789	0.1689	0.1592	0.0196	-0.0063	-0.0209	-0.0787	-0.1211	0.0963	-0.0879	1.0000
JNTLN	-0.0928	-0.0417	0.1945	0.2798	0.0099	0.0822	0.0736	0.0373	0.0166	0.0565	0.0821	-0.0178
NFLDR	-0.1718	-0.3314	-0.4216	-0.0997	0.1826	-0.2085	0.4150	0.3809	0.0912	-0.3297	-0.2330	0.1277
CORLLN	-0.2224	-0.0925	-0.1697	0.0987	0.2039	-0.0675	0.2874	0.1284	0.1384	-0.0293	-0.0272	-0.1679
CORLWD	-0.1060	-0.1526	-0.1312	0.0283	0.1436	-0.0978	0.1704	0.1405	0.0618	-0.0203	-0.0538	-0.0177
CORTWD	-0.0562	-0.0868	-0.0011	0.0868	0.0528	-0.0806	0.1049	0.1097	0.1196	-0.0640	0.0031	0.1397
STRDLGL	-0.1675	-0.2261	-0.1738	0.0465	0.1465	-0.0736	0.1619	0.1073	0.1005	-0.0430	-0.0030	0.0871
STBLN	-0.2054	-0.3388	-0.4370	-0.1130	0.3105	-0.2549	0.3120	0.1766	0.1071	-0.2743	-0.1900	0.2191
STBWD	-0.0274	-0.1519	-0.1593	-0.0104	0.2380	-0.1406	0.1340	0.1293	-0.0646	-0.2021	0.0019	0.1103
ACHKLN	0.0011	-0.1096	-0.2885	-0.1661	0.0689	-0.1079	0.2335	0.2692	-0.0188	-0.1517	-0.1366	0.1788
ACHKWD	0.1728	0.0798	-0.0116	-0.0825	0.1196	0.0737	0.0730	0.0384	-0.0696	0.0696	0.1900	0.1216
NVPAC	-0.2513	-0.3634	-0.4395	-0.0659	0.3291	-0.3667	0.2094	0.0386	0.0629	-0.3029	-0.1435	0.1710
CRNKWD	-0.0611	-0.2137	-0.1565	0.0850	0.2429	-0.1083	0.2847	0.0758	0.0525	-0.1031	0.0880	0.0228
CRNKND	0.0345	-0.0191	-0.1207	0.1151	0.0319	0.0000	0.0521	0.1157	-0.0995	-0.0681	0.1679	0.1453
NWNOFHO	0.2136	0.3239	0.5168	0.1581	-0.2855	0.2976	-0.3067	-0.2282	-0.0391	0.3604	0.1977	-0.0839
IBLWR	-0.2106	-0.3061	-0.4361	-0.1360	0.2868	-0.2312	0.3785	0.2613	0.0925	-0.2939	-0.2240	0.2430
OBLWR	-0.1709	-0.1690	-0.2347	-0.0629	0.0041	-0.0286	0.1857	0.1824	0.0127	-0.1215	-0.1778	0.0928
IRVLNR	-0.0155	0.0305	-0.0219	-0.0460	0.0226	-0.0095	0.0061	-0.0097	0.0273	0.2076	-0.1143	0.8422
CRLLNR	-0.1636	-0.1568	-0.0787	0.0774	0.1152	-0.0191	0.1806	0.0413	0.1861	0.0416	-0.0150	0.1835
ACLNR	-0.0825	-0.1513	-0.2110	-0.1517	0.0632	-0.0309	0.2026	0.2614	0.0153	-0.2131	-0.2837	0.1112
CORLWR	-0.2397	-0.2699	-0.5195	-0.1333	0.2925	-0.2976	0.3665	0.2664	0.0834	-0.2909	-0.2387	0.2569
STLLBR	-0.1445	-0.1163	-0.1864	-0.1516	0.2927	-0.2661	0.3856	0.3246	0.0126	-0.2401	-0.2526	0.2497
TFLPLR	0.2348	0.2579	0.3832	0.0282	-0.3002	0.3096	-0.3100	-0.1718	-0.0738	0.2219	0.1258	-0.2365
INFLWR	0.1093	0.0840	0.0580	0.0326	-0.0977	0.0198	-0.0122	-0.0698	-0.0725	0.0925	0.1583	0.1059
LRNTHR	-0.2537	-0.3976	-0.4971	-0.0746	0.3050	-0.2493	0.3982	0.2812	0.0762	-0.3325	-0.1726	0.2355

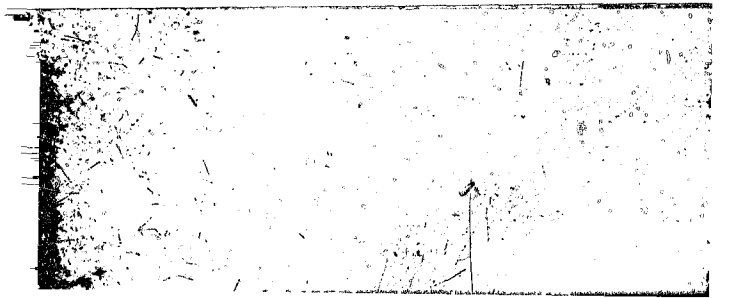


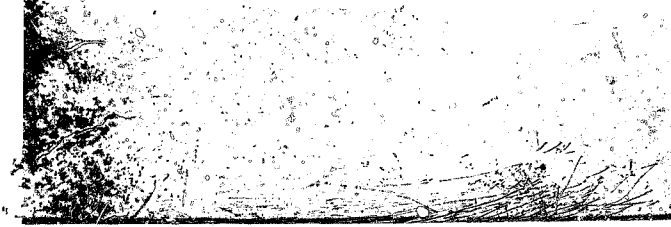


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACMXLN	ACMXWD	AVPAC	CRMXWD
RACMLEN	0.1566	0.0100	0.0496	-0.1436	0.0260	0.0563	-0.0180	0.1521	0.1035	-0.0104	-0.1277	0.1092
INTWDLN	0.0957	0.0532	0.1097	-0.0797	-0.0172	0.2117	-0.0944	0.1512	-0.0863	-0.1568	0.0359	0.2386
NBR	-0.0336	0.7110	0.3508	0.1419	0.0307	0.4376	0.6500	0.3368	0.4328	0.0954	0.5507	0.2236
LBRW	0.0963	0.3831	0.0669	0.1965	0.0872	0.2341	0.3002	0.2281	0.1142	0.2054	0.1692	0.1327
GBRW	-0.0326	0.6856	0.0769	0.1596	0.0787	0.2180	0.5698	0.2805	0.3393	0.1799	0.5529	0.2222
INMRW	0.0224	0.8837	0.2809	0.1409	0.0683	0.3871	0.5918	0.2928	0.3877	0.1243	0.5091	0.1956
PMXL	-0.0494	0.5676	0.1913	0.1653	-0.0417	0.2365	0.5272	0.1765	0.3918	0.0772	0.5292	0.1594
LBRP	0.0842	0.5168	0.1469	0.0520	-0.1317	0.2056	0.4777	0.1190	0.3318	-0.0101	0.4906	-0.0007
INFL	-0.0239	0.7821	0.2861	0.1759	0.1389	0.4290	0.7884	0.2958	0.4916	0.2289	0.5959	0.2828
INFW	0.0089	0.7703	0.3091	0.2046	0.0868	0.3434	0.6616	0.3296	0.6929	0.1949	0.5623	0.3289
VANGS	0.0873	0.0228	0.0037	0.0542	-0.1717	0.1287	0.0983	0.0099	0.1013	0.0583	0.0098	0.0805
VANGB	-0.0743	0.2519	0.0967	0.0366	-0.0583	0.0989	0.3154	-0.0017	0.1115	0.1057	0.1379	-0.0495
BRINL	-0.0908	0.1710	-0.2209	0.1060	-0.0542	-0.1675	0.0054	-0.0274	0.0113	0.1788	0.0153	0.0611
LWWORL	-0.0417	-0.3316	-0.2622	-0.1522	-0.0868	-0.2261	-0.3388	-0.1519	-0.1096	0.0798	-0.3434	-0.2137
MXLWL	-0.1945	0.4516	-0.1497	0.1318	-0.0011	-0.1738	-0.4370	-0.1593	-0.2885	0.0116	-0.4395	-0.1329
MXWDL	0.2798	-0.0969	0.0987	0.0283	0.0868	0.0465	-0.1330	-0.0104	-0.1651	-0.0825	-0.0654	0.0866
APKAN	0.0099	0.1824	-0.2009	0.1436	0.0528	0.1965	0.2105	0.2300	0.0969	0.0180	0.3291	0.2423
APXPS	0.0822	-0.2085	-0.0675	-0.0876	-0.0806	-0.0756	-0.2589	-0.1089	-0.1079	-0.1496	-0.3687	-0.10 7
BSAN	0.0736	0.4359	0.2874	0.1706	0.1069	0.1619	0.3180	0.1388	0.2335	0.0735	0.3396	0.2067
BSPS	0.0372	0.3800	0.1794	0.1405	0.1097	-0.0573	0.1766	0.1593	0.2622	0.0806	0.0386	0.0752
SVINS	0.0766	0.0872	0.1260	-0.0616	-0.1706	0.1005	0.1071	-0.0460	-0.0184	-0.0696	0.0429	0.0525
NSECV	0.0565	-0.3127	0.0243	-0.0203	-0.0640	-0.0834	-0.4743	-0.0021	-0.1517	0.0676	-0.3029	-0.1031
PINSV	0.0821	-0.2330	-0.0278	-0.0538	0.0031	-0.0030	-0.1900	0.0619	-0.3365	-0.1440	-0.1435	0.0898
PTLLN	-0.0178	0.1677	0.0501	-0.0772	0.1397	0.0671	0.2181	0.1103	0.1788	0.1214	0.1732	-0.0328
INTLN	1.0000	-0.0113	0.0722	-0.1086	-0.0687	-0.0609	0.0231	-0.0209	0.0236	-0.1208	-0.0010	0.0696
NFLOR	-0.0113	1.0000	0.3492	0.1692	0.0390	0.2154	0.5447	0.1992	0.4092	0.0818	0.4766	0.1909
CORLLN	0.0722	0.1642	1.0000	0.3593	0.3573	0.3417	0.2861	0.2057	0.2546	0.1789	0.1982	0.2608
CORLWD	-0.1086	0.0660	0.3593	1.0000	0.5084	0.1804	0.0576	0.2619	0.1312	0.3235	0.0271	0.4310
CORTWD	-0.0687	0.0380	0.3573	0.5084	1.0000	0.0904	0.1672	0.3424	0.1991	0.3384	0.0938	0.3064
STMXLOL	-0.0609	0.2154	0.3417	0.1804	0.0904	1.0000	0.3880	0.2121	0.1472	0.0913	0.3316	0.3156
STBLN	0.0231	0.5447	0.2861	0.0576	0.1672	0.3880	1.0000	0.2301	0.5357	0.2078	0.5481	0.2620
STBWD	-0.0209	0.1992	0.2057	0.2619	0.3424	0.2121	0.2301	1.0000	0.3102	0.7602	0.1460	0.5157
ACMXLN	0.0236	0.4092	0.2546	0.1312	0.1991	0.1472	0.5357	0.3102	1.0000	0.2271	0.2334	0.1789
ACMXWD	-0.1208	0.0818	0.1789	0.3235	0.3384	0.0913	0.2078	0.7602	0.2271	1.0000	0.1038	0.5240
AVPAC	-0.0010	0.4766	0.1982	0.2571	0.0938	0.3316	0.5481	0.2718	0.2334	0.1032	1.0000	0.3172
CRMXWD	0.0696	0.1909	0.2608	0.4310	0.3064	0.3156	0.2620	0.5157	0.1789	0.5240	0.3172	1.0000
CRMNWD	0.1493	-0.1056	0.1228	0.3528	0.2261	0.1181	-0.0769	0.2316	-0.1730	0.1635	0.0805	0.4308
MXWDPK	0.0859	0.4727	0.1671	0.1768	0.0362	0.2558	0.4793	0.1669	0.2945	0.0153	0.4772	0.2251
GBLWR	-0.0589	0.6483	0.3446	0.0656	0.0276	0.3011	0.6216	0.1559	0.4659	0.0110	0.4712	0.0335
GBLNR	0.0284	0.3294	0.2116	0.0003	0.0189	0.1521	0.3531	0.0318	0.2810	-0.1373	0.2491	-0.0841
INVLNR	-0.0497	-0.1899	0.2706	-0.0206	-0.0128	0.1304	0.1195	-0.0916	0.1035	-0.1076	0.0758	0.0290
GRLLWR	0.1377	0.1919	0.8206	-0.2289	0.0695	0.2938	0.2641	0.0574	0.1177	-0.0186	0.0528	0.0161
AGLWR	0.0896	0.4398	0.1758	-0.0262	-0.0065	0.1016	0.4709	0.1241	0.8681	-0.0651	0.2042	0.0212
CORLWR	0.0088	0.7609	0.3067	0.0329	0.0405	0.3823	0.7347	0.1530	0.4685	0.0269	0.5728	0.0002
STLBR	0.0212	0.7051	0.1865	0.1423	0.1249	-0.1543	0.6075	0.2294	0.5053	0.1035	0.4951	0.1162
TFLPLR	0.0331	-0.5961	-0.2683	-0.0722	0.0374	-0.3606	-0.4945	-0.1346	-0.0071	0.1455	-0.5937	-0.1368
INFLWR	0.0102	-0.0368	0.0944	0.0973	0.0216	0.1627	0.1410	-0.0964	0.0160	-0.0083	0.0609	-0.1235
LRNFWR	-0.0321	0.7036	0.2944	0.1656	0.1008	0.3611	0.6101	0.2588	0.3934	0.0813	0.6242	0.3308



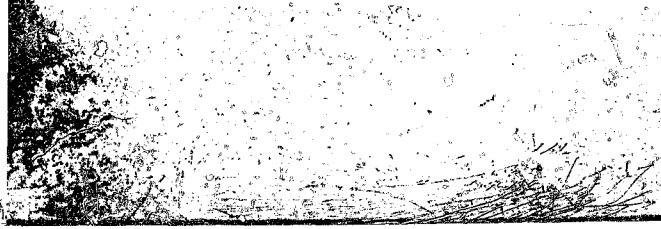


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	CRMNWD	NWNOFHD	LBLWR	OBLWR	LMVLWR	CRLLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACMLEN	-0.0520	0.4331	-0.0775	-0.0819	-0.1153	0.1298	0.1156	-0.0548	-0.0505	0.1761	-0.0846	-0.1318
INTWDLN	0.0692	0.1336	-0.0115	-0.0612	-0.1383	0.1051	-0.0119	0.0019	-0.1059	0.0781	0.0306	0.0643
NBR	-0.0779	-0.6428	0.7298	0.3795	0.2364	0.2865	0.4139	0.8077	0.6194	-0.6700	0.1764	0.7026
IRW	0.0919	-0.4491	-0.1123	0.1585	-0.3921	-0.0395	0.0111	0.2818	0.2605	-0.3898	0.0356	0.4416
ORW	-0.0901	-0.6551	0.5201	-0.0302	-0.1716	-0.0131	0.2704	0.6796	0.6617	-0.5698	0.1742	0.6824
INNOW	-0.0204	-0.7710	0.6465	0.2555	-0.2026	0.2140	0.4435	0.7967	0.6922	-0.6726	0.1473	0.8220
PRXL	-0.0767	-0.3177	0.3580	0.3918	0.1553	0.0811	0.3673	0.5998	0.5343	-0.4533	0.0093	0.5506
LRNF	-0.1015	-0.4445	0.5600	0.3433	0.1539	0.1241	0.3652	0.6389	0.5422	-0.4956	0.1516	0.6857
IRFL	-0.1396	-0.7026	0.7935	0.3934	0.1616	0.2981	0.6150	0.8914	0.7680	-0.6302	0.2004	0.7839
NFH	-0.0955	-0.6153	0.6353	0.3396	-0.0659	0.2019	0.5969	0.7871	0.6516	-0.5142	-0.3945	0.6489
VARNTS	0.1063	-0.0207	0.0060	0.0527	0.0009	0.0284	0.0292	0.0092	-0.0501	-0.0030	0.0424	0.0696
VARNB	-0.0592	-0.2742	0.3004	0.1782	0.1681	0.0808	0.0479	0.1121	0.0955	-0.2031	0.1060	0.2583
SMILBL	0.0345	0.2126	-0.2105	-0.1709	0.0155	-0.1636	0.0625	-0.2391	-0.1445	0.2348	0.1093	-0.2537
LNWORL	-0.0191	0.3339	-0.3081	-0.1690	0.0305	-0.1568	-0.1513	-0.3699	-0.2163	0.3579	0.0840	-0.3976
MXLNTH	0.1207	0.4968	-0.4501	-0.2347	0.0219	-0.0787	-0.3110	-0.5115	-0.4664	0.5833	-0.0584	-0.5971
MXWDL	0.1151	0.1381	-0.1360	-0.0629	-0.0460	0.0774	-0.1517	-0.1333	-0.1946	0.0282	-0.0326	-0.0746
APXAR	0.0719	-0.2665	0.2242	0.0007	-0.0229	0.1752	0.0633	0.2965	0.2927	-0.3002	-0.0897	0.3060
APXPS	0.0061	0.2476	-0.2312	-0.0286	-0.0095	-0.0191	0.0309	-0.2976	-0.2661	0.3096	-0.0198	-0.2991
BSAM	0.0521	0.3067	-0.2785	-0.1857	0.0061	-0.1806	0.2026	-0.3665	-0.2858	0.3100	-0.0122	-0.3982
BSPS	0.1157	0.2282	-0.2613	-0.1824	-0.0597	-0.0413	0.2416	-0.2664	-0.3246	-0.1718	-0.0494	0.2812
SVINS	-0.0409	-0.1391	0.0929	0.0127	0.0213	-0.1861	-0.0153	-0.0834	-0.0126	-0.0736	-0.0726	0.0782
NSCSV	0.0681	0.3604	-0.3259	-0.1215	0.2074	-0.0416	-0.2114	-0.2909	-0.3601	0.2219	0.0025	-0.3325
FINSV	0.1674	0.1577	-0.2049	-0.1778	-0.1163	-0.0150	-0.2837	-0.2347	-0.2598	0.1258	0.0968	-0.1726
PTLLN	-0.1279	0.0839	0.2830	0.0928	0.2482	0.1838	0.1112	0.2589	0.2851	-0.2365	0.1054	0.1161
INTLN	0.1491	0.3695	-0.3185	-0.0826	-0.0937	0.1377	0.0096	0.0088	0.0212	0.0331	-0.0102	-0.0321
NFLOR	-0.1056	-0.6787	0.6623	0.3296	-0.1899	0.1419	0.4398	0.7609	0.7051	-0.5981	-0.0362	0.7036
CORLLW	0.1226	0.1417	0.0944	0.2166	0.2706	0.8705	0.7758	0.3807	0.1865	0.2843	0.0944	0.2945
CORLSD	0.3558	0.1168	0.0654	0.0003	-0.0206	-0.2289	-0.0262	0.0329	0.1423	-0.0722	-0.0793	0.1858
CORTWD	0.2261	-0.0388	0.0276	0.0189	-0.0128	0.0695	0.0085	0.0409	0.1249	-0.0574	0.0216	0.1008
STRKOL	0.1	0.3896	0.3611	0.1593	0.1300	0.2548	0.3166	0.5243	0.1343	0.3806	0.1627	0.4111
STBLN	-0.1	-0.5592	0.6216	0.2531	0.1195	0.2641	0.4709	0.7357	0.6075	-0.4960	0.1610	0.6141
STBWD	0.1216	0.1657	0.1559	0.0313	-0.0916	0.1361	0.1530	0.2298	0.1346	0.0996	-0.0016	0.1584
ACNKLN	-0.1730	-0.2625	0.4699	0.2516	0.1055	0.1727	0.6681	0.4585	0.5053	-0.0077	-0.0160	0.3934
ACNKWD	0.1635	-0.0153	0.0110	0.1373	-0.0276	-0.0184	-0.0651	0.0209	0.1035	0.1495	-0.0023	0.0813
NVPAC	0.0605	-0.5716	0.4712	0.2491	0.0751	0.0588	0.2042	0.5728	0.4951	-0.5937	0.0629	0.6242
CRMNWD	0.4306	0.0335	-0.0841	-0.0290	0.0161	0.0313	0.0002	0.0002	0.1162	-0.1368	-0.1232	0.1308
URMNWD	1.0000	0.1010	-0.1925	-0.0679	-0.2306	-0.0879	-0.2803	-0.2418	-0.2146	0.0666	-0.0950	-0.1003
NWNOFHD	0.1010	1.0000	-0.5808	-0.2955	0.1087	-0.0535	-0.2970	-0.7074	-0.6088	0.7136	-0.1493	-0.8782
LBLWR	-0.1925	-0.5808	1.0000	0.5185	0.3971	0.3200	0.5959	0.8373	0.6983	-0.6364	0.2843	0.8320
OBLWR	-0.0679	-0.2955	0.5185	1.0000	0.3981	0.2176	0.3384	0.4813	0.3696	-0.2923	0.0804	0.3177
LMVLWR	-0.2306	0.1087	0.3971	0.3981	1.0000	0.2997	0.1280	0.2362	0.0996	-0.1267	0.3926	-0.0395
CRLLWR	-0.0879	-0.0535	0.3200	0.2176	0.2997	1.0000	0.1875	0.3039	0.1099	-0.2307	0.1468	0.1912
ACLWR	-0.2803	-0.2970	0.5959	0.3384	0.1280	0.1875	1.0000	0.4873	0.4958	-0.0737	-0.0268	0.3883
CORLWR	-0.2418	-0.7074	0.8373	0.4813	0.2362	0.3039	0.4873	1.0000	0.7760	-0.7395	0.2610	0.7296
STLLBR	-0.2146	0.6088	0.6983	0.3696	0.0996	0.1099	0.4958	0.7764	1.0000	-0.5122	0.1067	0.6394
TFLPLR	0.0666	0.7136	-0.6364	-0.2923	-0.1267	-0.2307	-0.0737	-0.7395	-0.5122	1.0000	-0.1792	-0.6520
INFLWR	-0.0950	-0.1493	0.2843	0.0804	0.3926	-0.1468	-0.0268	-0.2610	-0.1067	-0.1792	1.0000	0.1759
LRNFHR	-0.1003	-0.8782	0.8320	0.3177	-0.0395	0.1912	0.3883	0.7296	0.6394	-0.6500	0.1759	1.0000

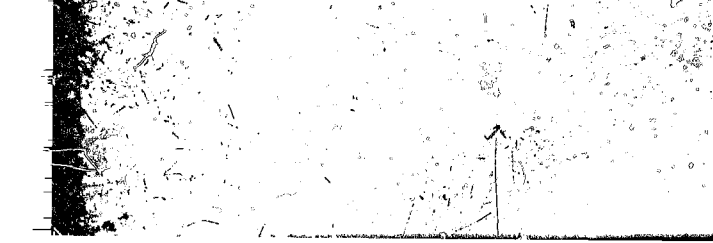


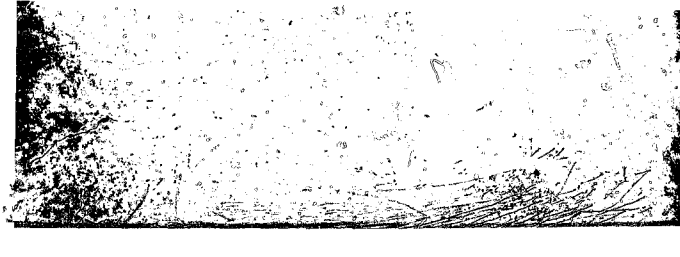


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	RACHLEN	INTNDLN	NBP	IBRW	OBRW	INNXW	PMXL	LBRP	INFL	INFW	VANGS	VANGR
RACHLEN	1.0000	-0.8420	-0.9773	-0.8166	-0.9607	-0.9900	-0.9490	-0.9546	-0.9921	-0.9857	-0.4548	-0.9641
INTNDLN	-0.8420	1.0000	0.7085	0.9990	0.9587	0.9095	0.6288	0.6430	0.7677	0.7392	0.4634	0.6685
NBR	-0.9773	0.7085	1.0000	0.6757	0.8800	0.9377	0.9942	0.9960	0.9961	0.9990	0.2556	0.9985
IBRW	-0.8166	0.9990	0.6757	1.0000	0.9447	0.8697	0.5928	0.6075	0.7377	0.7078	0.4854	0.6340
OBRW	-0.9607	0.9587	0.8800	0.9447	1.0000	0.9802	0.8691	0.8343	0.9183	0.9003	0.6841	0.8525
INNXW	-0.9900	0.9095	0.9377	0.8697	0.9802	1.0000	0.9091	0.9032	0.9686	0.9582	0.5756	0.9172
PMXL	-0.9490	0.6288	0.9942	0.5928	0.8691	0.9091	1.0000	0.9914	0.9810	0.9885	0.1508	0.9986
LBRP	-0.9546	0.6430	0.9960	0.6075	0.8343	0.9032	0.9996	1.0000	0.9844	0.9911	0.1688	0.9994
INFL	-0.9921	0.7677	0.9961	0.7377	0.9183	0.9686	0.9810	0.9844	1.0000	0.9991	0.3395	0.9988
INFW	-0.9857	0.7392	0.9990	0.7078	0.9003	0.9582	0.9885	0.9911	0.9991	1.0000	0.2944	0.9950
VANGS	-0.4548	0.4634	0.2556	0.4854	0.6841	0.5756	0.1506	0.1688	0.3395	0.2944	1.0000	0.2020
VANGR	-0.9641	0.6685	0.9985	0.6340	0.8525	0.9172	0.9986	0.9994	0.9898	0.9950	0.2020	1.0000
BNIML	0.9636	-0.6670	-0.9984	-0.6305	-0.8314	-0.9103	-0.9987	-0.9995	0.9895	-0.9948	-0.2100	-1.0000
LNWDRL	0.9999	-0.8350	-0.9799	-0.8091	-0.9571	-0.9882	-0.9529	-0.9583	-0.9936	-0.9878	-0.4433	-0.9674
NYLNL	0.9982	-0.8085	-0.9881	-0.7809	-0.9425	-0.9800	-0.9660	-0.9706	-0.9978	-0.9940	-0.4011	-0.9782
NXWDL	0.9793	-0.7153	-1.0000	-0.6828	-0.8896	-0.9410	-0.9932	-0.9991	-0.9969	-0.9994	-0.2650	-0.9979
APXAN	-0.9595	0.6556	0.9974	0.6208	0.8415	0.9102	0.9994	0.9999	0.9872	0.9932	0.1853	0.9999
APXPS	0.9509	-0.6337	-0.9949	-0.5979	-0.8276	-0.8979	-1.0000	-0.9999	-0.9822	-0.9894	-0.1568	-0.9989
BSAN	0.9971	-0.8508	-0.9582	-0.8288	-0.9781	-0.9979	-0.9220	-0.9290	-0.9796	-0.9700	-0.5216	-0.9410
BSPC	-0.9330	0.9797	0.8355	0.9696	0.9962	0.9784	0.7719	0.7834	0.8805	0.8592	0.7848	0.8040
BVPER	-0.9017	0.9296	0.9725	0.9067	0.7462	0.8219	0.9920	0.9896	0.9648	0.9616	0.0250	0.9941
NBTCV	0.8560	-0.9996	-0.7870	-0.9974	-0.9659	-0.9202	-0.6493	-0.6631	-0.7844	-0.7568	-0.8497	-0.6880
PINSV	0.7838	-0.3249	-0.8976	-0.2816	-0.5806	-0.6886	-0.9197	-0.9332	-0.8555	-0.8776	-0.9586	-0.9206
PTLAR	0.7458	-0.6685	0.8701	-0.6845	-0.5315	-0.4804	-0.8178	-0.8104	-0.8233	-0.8473	-0.9541	-0.8951
INTLN	-0.9322	0.5897	0.9878	0.5524	0.7951	0.8720	0.9988	0.9977	0.9703	0.9798	0.1017	0.9948
NFLOR	-0.9866	0.9186	0.9297	0.8997	0.9931	0.9937	0.8849	0.8933	0.9284	0.9143	0.6111	0.9007
CORLLN	-0.5990	0.0723	0.7551	0.0569	0.3532	0.4804	0.8210	0.8104	0.6947	0.7292	-0.4407	0.7907
CORLWD	-0.8946	0.6943	0.9779	0.6655	0.9833	0.9686	0.7080	0.7208	0.8315	0.8046	0.8048	0.7439
CORTWD	-0.5801	0.9279	0.3943	0.9439	0.7835	0.6890	0.2936	0.3111	0.4734	0.4348	0.9892	0.2831
STBKLGL	-0.9184	0.5599	0.9814	0.5216	0.7729	0.8536	0.9963	0.9946	0.9608	0.9712	0.0856	0.9965
STBLN	-0.9878	0.7477	0.9984	0.7168	0.9058	0.9561	0.9865	0.9893	0.9995	0.9999	0.3106	0.9937
STBWD	-0.9798	0.7343	0.9135	0.9171	0.9971	0.9979	0.8647	0.8738	0.9457	0.9307	0.6250	0.8897
ACMKLN	-0.9949	0.9283	0.9786	0.8933	0.7512	0.8566	0.9930	0.9906	0.9512	0.9636	0.0325	0.9954
ACMKWD	-0.9997	0.8530	0.9722	-0.8394	-0.9667	-0.9534	-0.9916	-0.9876	-0.9817	-0.9747	-0.4347	-0.9579
NVPAC	-0.9850	0.7362	0.9992	0.7047	0.8984	0.9509	0.9891	0.9917	0.9969	1.0000	0.2943	0.9955
CRNRWD	-0.7802	0.8984	0.6999	0.9982	0.9232	0.8605	0.5431	0.5584	0.6958	0.6636	0.9119	0.5861
CRNRWD	0.3147	0.2671	-0.5088	0.2909	-0.3386	-0.1780	-0.5980	-0.5832	-0.4313	-0.4709	0.7092	-0.3594
NWHOFHD	0.9808	-0.9316	-0.9172	-0.9128	-0.9948	-0.9844	-0.9650	-0.9781	-0.9846	-0.9740	-0.6198	-0.9838
IBLNR	-0.9686	0.6275	0.9951	0.5915	0.8231	0.8944	1.0000	0.9998	0.9807	0.9882	0.1450	0.9986
OBLNR	-0.7535	0.2797	0.8757	0.2357	0.5413	0.6534	0.9284	0.9151	0.8308	0.8531	-0.2809	0.9010
INVLNR	0.0017	-0.3409	0.2103	-0.3786	-0.2792	-0.1424	0.3138	0.2963	0.1838	0.1667	-0.8974	0.2538
CRLLNR	-0.4516	-0.1011	0.6305	-0.1662	0.1862	0.3216	0.7100	0.6969	0.5599	0.5953	-0.5692	0.6723
ACLNR	-0.9123	0.5472	0.9785	0.5086	0.7628	0.8406	0.9949	0.9929	0.9565	0.9687	0.0502	0.9883
CORLWR	-0.9830	0.7286	0.9936	0.6968	0.8934	0.9474	0.9907	0.9931	0.9983	0.9999	0.2835	0.9965
STLLBR	-0.9997	0.8287	0.9821	-0.8089	0.9537	0.9864	0.9563	0.9615	0.9848	0.9895	0.4331	0.9703
TFLPLR	0.9906	-0.7603	-0.9971	-0.7300	-0.9137	-0.9515	-0.9832	-0.9868	-0.9999	-0.9995	-0.328	-0.9914
INFLWR	-0.8172	0.4000	0.7028	0.3993	0.5963	0.6964	0.6219	0.6302	0.7426	0.7328	0.9742	0.6619
LRNFHR	-0.9987	0.8683	0.9653	0.8448	0.9735	0.9959	0.9317	0.9382	0.9845	0.9759	0.4994	0.9944

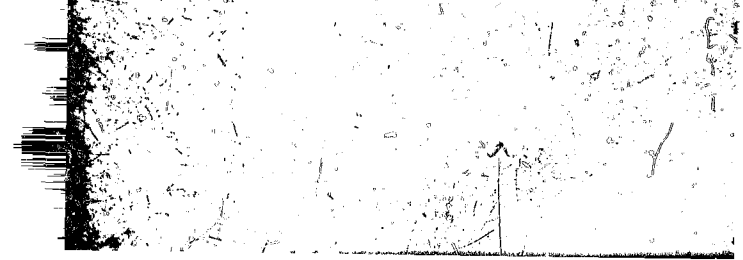




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	SHINL	LNWDRL	NXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RAGMLEN	0.9636	0.9999	0.9982	0.9791	-0.9595	0.9529	-0.9971	-0.9330	-0.9017	0.8560	0.7838	-0.7458
INTNDLN	-0.6670	-0.6350	-0.8085	-0.7153	0.6558	-0.6337	0.6808	0.5197	0.5229	-0.9996	-0.3268	0.8805
NBR	-0.9984	-0.9799	-0.9981	-1.0000	0.9974	-0.9969	0.9582	0.8355	0.9725	-0.7270	-0.8976	0.6701
IBRW	-0.6325	-0.8091	-0.7609	-0.6828	0.6208	-0.5979	0.8584	0.9696	0.8867	-0.9974	-0.2816	0.2295
OBRW	-0.9514	-0.9771	-0.9665	-0.9816	0.9413	-0.9276	0.9791	0.9962	0.9745	-0.9659	-0.5806	0.5113
INMXH	-0.9163	-0.9882	-0.9800	-0.9410	0.9102	-0.8979	0.9979	0.9744	0.8319	-0.9202	-0.6836	0.6496
MXNL	-0.9687	-0.9529	-0.9650	-0.9232	0.9091	-0.8900	0.9220	0.7719	0.9320	-0.6943	-0.9397	0.9178
LBRP	-0.9995	-0.9583	-0.9706	-0.9551	0.9999	-0.9999	0.9790	0.7834	0.9896	-0.6631	-0.9332	0.9104
INFL	-0.9995	-0.9936	-0.9978	-0.9969	0.9872	-0.9882	0.9796	0.8805	0.9968	-0.7994	-0.9555	0.8235
INFW	-0.9946	-0.9878	-0.9940	-0.9994	0.9932	-0.9894	0.9780	0.8592	0.9916	-0.7568	-0.8772	0.8473
VANGS	-0.9000	-0.9433	-0.9261	-0.9033	0.8853	-0.8568	0.9216	0.7448	0.8250	-0.9497	-0.1966	0.3541
VANGB	1.0000	-0.9674	-0.9782	-0.9979	0.9999	-0.9989	0.9410	0.8040	0.9841	-0.6880	-0.9206	0.8959
%INL	1.0000	0.9669	0.9777	0.9978	-0.9999	0.9999	0.9403	0.8028	0.9845	0.6866	0.9214	-0.8968
LNWDRL	0.9669	1.0000	0.9989	0.9818	-0.9638	0.9582	-0.9968	-0.9283	-0.9072	0.8893	0.7917	-0.7563
NXLNL	0.9777	0.9989	1.0000	0.9906	-0.9745	0.9672	-0.9908	-0.9100	-0.9258	0.8238	0.8193	-0.7840
MXWDL	0.9978	0.9818	0.9906	1.0000	-0.9967	0.9939	-0.9609	-0.8408	-0.9706	0.7536	0.8933	-0.8652
APXAN	-0.9999	-0.9638	-0.9745	-0.9967	1.0000	-0.9996	-0.9350	-0.7818	-0.9870	0.6796	0.9071	0.9031
APXPS	0.9990	0.9582	0.9672	0.9939	-0.9996	1.0000	-0.9264	-0.7759	-0.9812	0.6580	0.9275	-0.9183
BSAN	-0.9403	-0.9968	-0.9908	-0.9609	0.9350	-0.9264	1.0000	0.9578	0.8659	-0.8931	-0.3340	0.6928
BSPS	-0.8026	-0.9283	-0.9100	-0.8408	0.7818	-0.7759	0.9578	1.0000	0.6857	-0.9047	-0.0079	0.4507
SVINS	-0.9845	-0.9072	-0.9258	-0.9706	0.9870	-0.9812	0.8659	0.6857	1.0000	-0.5083	-0.9751	0.9605
NSECV	0.8860	0.8893	0.8238	0.7536	-0.6796	0.6580	-0.8931	-0.9047	-0.5083	1.0000	0.3499	-0.2900
PINSV	0.9214	0.7917	0.8193	0.8933	-0.9071	0.9275	-0.7340	-0.5079	-0.9751	0.3499	1.0000	-0.9981
PTLLN	-0.8968	-0.7563	-0.7840	-0.8652	0.9031	-0.9183	0.6928	0.4561	0.9605	-0.2900	-0.9981	1.0000
LBTLN	-0.9951	-0.9368	-0.9521	-0.9862	0.9964	-0.9885	0.9018	0.7396	0.9970	-0.6109	-0.9534	0.9363
NFLOR	-0.9011	-0.9845	-0.9752	-0.9332	0.9007	-0.8878	0.9952	0.8192	0.8197	-0.9288	-0.4722	0.6273
CORLLN	-0.7914	-0.6092	-0.6455	-0.7487	0.8004	-0.8178	0.5359	0.2708	0.8863	-0.0988	-0.9668	0.9802
CORLWD	-0.7425	-0.6888	-0.6556	-0.7856	0.7138	-0.7124	0.9822	0.9355	0.6134	-0.9588	-0.4237	0.3695
CORTWD	-0.3412	-0.5697	-0.5308	-0.4032	0.3270	-0.2996	0.6408	0.8344	0.1710	-0.9177	0.0511	-0.1099
STMKLDL	-0.9908	-0.9236	-0.9403	-0.9977	0.9926	-0.9958	0.8854	0.7146	0.9992	-0.5817	-0.9665	0.9405
STBLN	-0.9935	-0.9897	-0.9953	-0.9989	0.9916	-0.9875	0.9730	0.8696	0.9580	-0.7651	-0.8709	0.8404
STBWD	-0.8888	-0.9764	-0.9652	-0.9774	0.9818	-0.9674	0.9917	0.9868	0.7946	-0.9434	-0.6407	0.5983
ACMKLH	-0.9956	-0.9103	-0.9086	-0.9723	0.9882	-0.9922	0.8697	0.6912	1.0000	-0.5546	-0.9736	0.9586
ACMKWD	0.9573	0.9054	0.8966	0.9795	-0.9737	0.9585	0.9409	0.9017	0.8674	-0.9674	-0.7304	0.7506
NVPAC	0.9953	-0.9871	-0.9935	-0.9995	0.9937	-0.9900	0.9689	0.8569	0.9628	-0.7540	-0.8792	0.8496
CRWNNO	-0.9845	-0.7721	-0.7917	-0.8374	0.8722	-0.8483	0.8258	0.9530	0.8339	-0.9912	-0.2231	-0.1651
CRWNNO	0.5571	0.3268	0.3705	0.5000	-0.5692	0.5930	0.2411	0.0179	0.6960	-0.0218	0.9361	0.8610
NWNOFNO	0.8929	0.9702	0.9679	0.9810	-0.8860	0.8723	-0.9328	-0.9853	-0.8009	0.9404	0.6478	-0.6019
IBLWR	-0.9987	-0.9524	-0.9656	-0.9930	0.9993	1.0000	0.9216	0.7708	0.9923	-0.6688	-0.9402	0.9185
OBLWR	-0.9019	-0.7618	-0.7911	-0.8710	0.9082	-0.9199	0.7009	0.4664	0.9637	-0.3051	-0.9989	0.9999
INVLWR	-0.8658	-0.9111	-0.8977	-0.9008	0.8803	-0.8679	-0.0782	-0.3614	0.9309	0.5184	-0.6197	0.6649
CRLLWR	-0.6738	-0.4630	-0.5037	-0.6229	0.6848	-0.7055	0.3820	0.1003	0.7930	0.0747	-0.9080	0.9312
ACLWR	-0.9886	-0.9175	-0.9350	-0.9763	0.9907	-0.9943	0.8783	0.7039	0.9977	-0.5693	-0.9694	0.9532
CORLWR	-0.9963	-0.9853	-0.9922	-0.9998	0.9949	-0.9916	0.9661	0.8511	0.9857	-0.7666	-0.8845	0.8554
STLLWR	-0.9698	-0.9999	-0.9996	-0.9839	0.9650	-0.9561	0.9909	0.9690	0.9119	-0.8451	-0.7906	0.7617
TFLPLN	0.9911	0.9923	0.9970	0.9978	-0.9890	0.9843	-0.9772	-0.8750	-0.9524	0.7773	0.8614	-0.8299
INFLWR	-0.6604	-0.8303	-0.8033	-0.7491	0.8091	-0.8268	-0.8766	-0.9779	-0.5184	-0.9994	-0.3166	0.3609
LRNFRH	-0.9988	-0.9980	-0.9939	-0.9978	0.9949	-0.9940	0.9997	0.9501	0.8786	-0.8811	-0.7513	0.7710



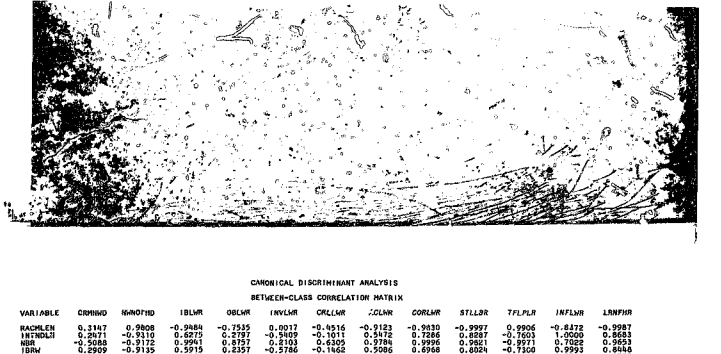


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STMXLOL	STBLN	STBWD	ACWLN	ACMWD	NVPAC	CRMWD
RACHLEN	-0.9322	-0.9866	-0.5990	-0.8945	-0.5801	-0.9184	-0.9876	-0.9790	-0.9849	0.9997	-0.9850	-0.7802
INTRDLN	0.9897	0.9186	0.6723	0.9943	0.9279	0.5599	0.9+	0.9343	0.9383	-0.8539	0.7362	0.9944
NBR	0.9878	0.9297	0.7501	0.7795	0.3913	0.9814	0.9984	0.9135	0.9796	-0.9782	0.9992	0.6299
IBRW	0.9584	0.8997	0.0269	0.9885	0.9439	0.5216	0.7168	0.9171	0.8913	-0.8294	0.7047	0.9962
OBRW	0.7951	0.9331	0.3532	0.9832	0.7833	0.7725	0.9058	0.9971	0.7312	-0.9467	0.8984	0.9232
INNOW	0.8720	0.9997	0.4804	0.9486	0.6890	0.8536	0.9561	0.9979	0.8360	-0.9230	0.9509	0.8605
MXWL	0.9988	0.9849	0.8510	0.7080	0.2936	0.9963	0.9865	0.8697	0.9930	-0.9478	0.9497	0.5421
LBRP	0.9977	0.8933	0.8104	0.7208	0.3111	0.9946	0.9893	0.8738	0.9906	-0.9476	0.9917	0.5564
IRFL	0.9703	0.9584	0.6947	0.9315	0.8736	0.9608	0.9995	0.9457	0.9519	-0.9690	0.9989	0.6956
IRFW	0.9798	0.9451	0.7252	0.9066	0.8368	0.9719	0.9999	0.9307	0.9634	-0.9817	1.0000	0.6638
VANGS	0.1017	0.3936	0.4907	0.8048	0.9802	0.0836	0.3106	0.6268	0.0139	-0.4747	0.2493	0.9119
VANGB	0.9948	0.9080	0.7901	0.7439	0.3431	0.9905	0.9917	0.8897	0.9850	-0.9579	0.9955	0.5861
SWING	-0.9921	-0.9971	-0.7914	-0.7425	-0.3112	-0.9984	-0.9939	-0.8888	-0.9854	0.9973	0.9953	0.5805
LNWDRL	0.9368	0.9845	0.9092	0.8888	0.5697	0.9236	0.9697	0.9764	0.9703	-0.9994	-0.9877	0.7727
MXLNL	-0.9521	-0.9752	-0.8455	-0.8662	-0.5308	-0.9803	-0.9953	-0.9652	-0.9786	0.9986	-0.9935	-0.7617
MXWDL	-0.9892	-0.9838	-0.7887	-0.9004	-0.6032	-0.9795	-0.9989	-0.9776	-0.9723	0.9745	-0.9995	-0.8376
APKAN	0.9964	0.9907	0.8004	0.7324	0.3270	0.9927	0.9916	0.8818	0.9882	-0.9529	0.9937	0.5722
APKPN	0.9995	0.9878	0.8174	0.7184	0.2996	0.9958	0.9873	0.8678	0.9932	-0.9437	-0.9990	0.5483
BSAN	0.9918	0.9962	0.5359	0.9262	0.6408	0.8854	0.9730	0.9917	0.8697	-0.9985	0.9689	0.8258
BSPS	0.7396	0.8792	0.2708	0.9955	0.8344	0.7196	0.8654	0.9868	0.6912	-0.9809	0.8569	0.9530
SWING	0.9970	0.8192	0.8863	0.6134	0.1710	0.9992	0.9580	0.7946	1.0000	-0.9917	0.9528	0.4330
BSECDV	-0.6109	-0.9088	-0.9988	-0.9968	-0.9177	-0.5817	-0.7651	-0.9434	-0.5946	0.8874	-0.7561	-0.9912
PINSV	-0.9594	-0.6722	-0.9668	-0.4237	0.0511	-0.9655	-0.8709	-0.6407	-0.9736	0.7696	-0.8792	-0.2231
PILEN	0.9363	0.9273	0.9802	0.3695	-0.1099	0.9485	0.8409	0.5943	0.9584	-0.7306	0.8496	0.1651
INTLN	1.0000	0.8608	0.6482	0.6723	0.2461	0.9993	0.9772	0.8389	0.9976	-0.9238	0.9807	0.3409
NFLOR	0.8608	1.0000	0.4605	0.9555	0.7051	0.8417	0.9497	0.9901	0.8235	-0.9931	0.9457	0.8717
CORLLN	0.6482	0.4605	1.0000	0.1780	-0.3067	0.6869	0.7169	0.4231	0.6898	-0.5808	0.7282	-0.0336
CORLWD	0.6723	0.9555	0.1780	1.0000	0.8818	0.6948	0.8167	0.9669	0.6734	-0.9410	0.8061	0.9775
CORTWD	0.2461	0.7051	-0.3067	0.8830	1.0000	0.2106	0.4453	0.7349	0.1784	-0.5984	0.4309	0.9621
STMXLOL	0.9993	0.8417	0.6869	0.6948	0.2106	1.0000	0.9680	0.8145	0.9991	-0.9093	0.9796	0.3691
STBLN	0.9772	0.9497	0.7169	0.8167	0.4453	0.9680	1.0000	0.9315	0.9601	-0.9841	0.9977	0.5133
STBWD	0.8389	0.9901	0.4231	0.9669	0.7349	0.8145	0.9315	1.0000	0.7991	-0.9933	0.9691	0.8913
ACWLN	0.9976	0.8235	0.6898	0.6734	0.1784	0.9991	0.9601	0.7991	1.0000	-0.9351	0.9564	0.4398
ACMWD	-0.9238	-0.9931	-0.5808	-0.9044	-0.5984	-0.9093	-0.9841	-0.9933	-0.9351	1.0000	-0.9809	-0.7941
NVPAC	0.9807	0.9457	0.7282	0.8061	0.4309	0.9796	0.9977	0.9691	0.9564	-0.9809	1.0000	0.6605
CRMWD	0.5009	0.8717	-0.0336	0.9775	0.9621	0.4691	0.6733	0.8913	0.4398	-0.7941	0.6605	1.0000
CRMWDF	-0.6408	-0.9339	-0.9986	0.1468	0.5909	-0.6609	-0.4586	-0.1168	-0.6487	0.3838	-0.4787	-0.6482
NWRGFTH	-0.8437	-0.9995	-0.8313	-0.9686	-0.7279	-0.8236	-0.9385	-1.0000	-0.8045	0.9849	-0.9324	-0.8878
IBLWR	0.9989	0.8841	0.8220	0.7058	0.2920	0.9965	0.9862	0.8639	0.9932	-0.9410	0.9889	0.5416
OBLWR	0.9603	0.9363	0.9778	0.8802	-0.0984	0.9521	0.9665	0.6036	0.9616	-0.7385	0.8596	0.1765
INVLWR	0.3603	-0.1686	0.7997	-0.9486	-0.8195	0.3940	0.1540	-0.5035	0.4241	0.0042	0.1709	-0.6068
CRLLWR	0.7439	0.3002	0.9850	0.0052	-0.4647	0.7677	0.5850	0.2602	0.7884	-0.5318	0.5998	-0.2058
ACLWR	0.9987	0.8336	0.8764	0.6332	0.1977	0.9999	0.9569	0.8097	0.9998	-0.9029	0.9693	0.4536
CORLWR	0.9828	0.9480	0.7358	0.7976	0.4208	0.9756	0.9996	0.9629	0.9677	-0.9786	0.9999	0.6581
STLLBR	0.9407	0.9924	0.6188	0.8439	0.5604	0.9277	0.9913	0.9738	0.9150	-0.9989	0.9869	0.7648
TFLPLR	-0.9730	-0.9551	-0.7029	-0.8251	-0.4633	-0.9639	-0.9998	-0.9419	-0.9246	0.9873	-0.9993	-0.8673
IRFLWR	0.9625	0.9191	0.0635	0.9933	0.8217	0.9509	0.9718	0.9311	0.9248	-0.8984	0.7958	0.9955
LNWFWR	0.9127	0.9936	0.5076	0.9161	0.6207	0.8972	0.9785	0.9881	0.8822	-0.9998	0.9790	0.8109

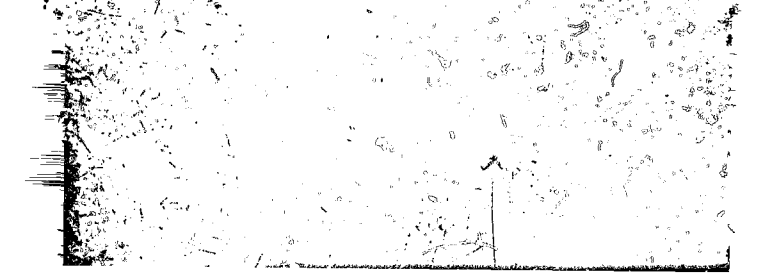


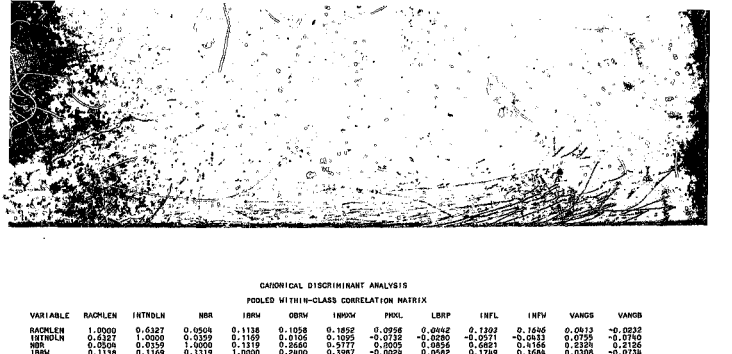


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	CRMIND	NWNOTHD	IBLHR	OBLHR	INVLHR	CRLLHR	CLLHR	CORLHR	STLLBR	TFLPLR	INFLWR	LRNFHR
RACHLEN	0.3147	0.9808	-0.9484	-0.7535	0.0017	-0.4516	-0.9123	-0.9830	-0.9997	0.9906	-0.8472	-0.9987
INTNDLTI	0.2471	-0.9110	0.8275	0.2797	-0.5809	-0.1011	0.5172	0.7286	0.8287	-0.7603	1.0000	0.8683
NBR	-0.5088	-0.9172	0.9961	0.8757	0.2103	0.6305	0.9786	0.9996	0.9821	-0.9971	0.7022	0.9653
IBRW	0.2909	-0.9135	0.5915	0.2357	-0.5786	-0.1462	0.5086	0.6968	0.8204	-0.7540	0.9981	0.8568
OBRW	-0.0388	-0.9968	0.8231	0.5413	-0.2798	0.1862	0.7626	0.8934	0.9537	-0.9157	0.9561	0.9735
INMRW	-0.1780	-0.9985	0.8904	0.6934	-0.1424	0.3216	0.8056	0.9479	0.9864	-0.9513	0.9358	0.9529
PRKL	-0.5967	-0.8692	1.0000	0.9029	0.2128	0.7169	0.9940	0.9917	0.9563	-0.9832	0.6219	0.9317
LRP	-0.5836	-0.8781	0.9998	0.9151	0.2963	0.6969	0.9929	0.9931	0.9615	-0.9866	0.6382	0.9382
IRFL	-0.4313	-0.9988	0.9807	0.8300	0.1238	0.5599	0.9365	0.9973	0.9948	-0.9999	0.7620	0.9845
INFW	-0.8700	-0.9340	0.9882	0.8534	0.1667	0.5953	0.9682	0.9699	0.9895	-0.9995	0.7332	0.9759
VANGS	0.7002	-0.6198	0.9490	-0.2429	-0.8914	-0.5893	0.0902	0.2835	0.4131	-0.3287	0.9994	0.4999
VANGB	-0.5534	-0.8938	0.9986	0.9010	0.2639	0.6783	0.9883	0.9965	0.9703	-0.9914	0.6619	0.9494
SHINL	0.5571	-0.8929	-0.9987	-0.9019	-0.2658	-0.6738	-0.9886	-0.9963	-0.9698	0.9911	-0.6609	-0.9488
LNWDRL	0.3268	0.9782	-0.9524	-0.7618	-0.0111	-0.4630	-0.9175	-0.9853	-0.9999	0.9923	-0.8301	-0.9980
ANLWL	0.2709	0.9872	-0.9656	-0.7911	0.0577	-0.5037	-0.9350	-0.9922	-0.9994	0.9970	-0.8033	-0.9939
MXWDL	0.5004	0.9210	-0.9930	-0.8710	-0.2006	-0.6229	-0.9763	-0.9998	-0.9839	0.9978	-0.7091	-0.9978
APKAN	-0.5693	-0.8860	0.9983	0.9082	0.2803	0.6848	0.9907	0.9969	0.9680	0.9990	-0.6991	-0.9939
APKPS	0.5930	0.8723	-1.0000	-0.9199	-0.3079	-0.7055	-0.9993	-0.9956	-0.9581	0.9843	-0.6868	-0.9340
BSAN	0.2411	0.9928	-0.9815	-0.7809	-0.0782	-0.4820	-0.9783	-0.9911	-0.9999	0.9778	-0.8266	-0.9997
BSPS	0.0479	-0.9953	0.7708	0.4668	-0.3614	0.1003	0.7039	0.8511	0.9240	-0.8750	0.9779	0.9501
SWIBS	0.6862	-0.8000	0.9923	0.9437	0.4309	0.7838	0.9997	0.9857	0.9119	-0.9529	0.5184	0.8746
RSECV	-0.6213	0.9404	-0.6480	-0.3051	0.5184	0.0747	-0.5693	-0.7466	-0.8413	0.7273	-0.9994	-0.8811
PINSV	0.8361	0.6476	-0.9408	-0.9989	-0.8197	-0.9080	-0.9698	-0.8869	-0.7986	0.8618	-0.3186	-0.7313
PTLLR	-0.8670	-0.4815	0.5185	0.9989	0.6490	0.9312	0.9545	0.9554	0.7677	-0.8972	0.2609	0.7110
INTLN	-0.6369	-0.8937	0.9989	0.9403	0.3603	0.7439	0.9987	0.9868	0.9407	-0.9730	0.5825	0.9127
NFLGR	0.1939	-0.9895	0.8841	0.6363	-0.1696	0.3802	0.8334	0.9405	0.9824	-0.9551	0.9124	0.9296
CORLLN	-0.9486	-0.4113	0.8220	0.9778	0.7997	0.9850	0.8744	0.7358	0.6182	-0.7029	0.0635	0.5576
CORLVD	0.1426	-0.9846	0.7945	0.3802	-0.5484	0.0093	0.6332	0.7974	0.8853	-0.8251	0.9723	0.9161
CORTLD	0.5905	-0.7879	0.2920	-0.0981	-0.8155	-0.4617	0.1957	0.4208	0.5603	-0.4633	0.9312	0.6207
STMOLAL	-0.6645	-0.8836	0.9965	0.9521	0.4390	0.7677	0.9993	0.9734	0.9077	-0.9639	0.5025	0.8972
STBLN	-0.4586	-0.9385	0.9862	0.8466	0.1540	0.5650	0.9649	0.9996	0.9913	-0.9998	0.7413	0.9786
STBNE	-0.1166	-1.0000	0.8619	0.6035	-0.2053	0.2630	0.8097	0.9349	0.9728	-0.9419	0.9311	0.9881
ACMKLN	-0.6887	-0.8945	-0.9932	0.9516	0.4241	0.7884	0.9998	0.9677	0.9150	-0.9546	0.5248	0.8822
ACMKND	0.2932	-0.9810	0.7385	0.4248	-0.4014	0.1929	0.7942	0.8748	0.9409	-0.8491	-0.9996	0.9996
MVPAC	-0.4738	-0.9326	0.9889	0.8556	0.1709	0.5988	0.9693	0.9993	0.9889	-0.9993	0.7302	0.9750
CRM**3D	0.3482	-0.9872	0.9416	0.7765	-0.0268	0.4056	0.8551	0.9641	0.9768	-0.9873	0.8953	0.8109
CRMNMC	1.0000	0.1835	-0.5294	-0.8612	-0.9487	-0.9890	-0.6758	-0.4836	-0.3376	0.4816	0.2597	-0.2661
NWNOTHD	0.1835	1.0000	-0.8684	-0.6107	0.1963	-0.3195	-0.8149	-0.9281	-0.9449	0.9238	-0.9276	0.9894
IBLHR	-0.5294	-0.8684	1.0000	0.9230	0.3154	0.7112	0.9951	0.9905	0.9558	-0.9829	0.6206	0.9311
OBLHR	-0.8612	-0.6107	0.9230	1.0000	0.8562	0.9269	0.9566	0.8816	0.7691	-0.8363	0.4718	0.7191
INVLHR	-0.9487	0.1963	0.3154	0.8562	1.0000	0.9815	0.4080	0.1819	0.0225	-0.1351	-0.5463	-0.0528
CRLLHR	-0.9890	-0.3195	0.7112	0.9269	0.9815	1.0000	0.7774	0.6077	0.4731	-0.5694	-0.1099	0.4058
CLLHR	-0.6758	-0.8149	0.9951	0.9566	0.4080	0.7774	1.0000	0.9780	0.9220	-0.9597	0.5398	0.8904
CORLHR	-0.4836	-0.9281	0.9905	0.8816	0.1819	0.6077	0.9780	1.0000	0.9872	-0.9989	0.7226	0.9724
STLLBR	-0.3376	-0.9449	0.9558	0.7691	0.0225	0.4731	0.9220	0.9872	1.0000	-0.9936	0.8237	0.8972
TFLPLR	0.4816	0.9238	-0.9829	-0.8363	-0.1351	-0.5694	-0.9597	-0.9989	-0.9936	1.0000	-0.7945	-0.9824
INFLWR	0.2597	-0.9276	0.6206	0.4718	-0.5463	-0.1099	0.5398	0.7226	0.8237	-0.7945	1.0000	0.8639
LRNFHR	-0.2661	0.9894	0.9311	0.7191	-0.0528	0.4058	0.8904	0.9724	0.9972	-0.9824	0.8639	1.0000

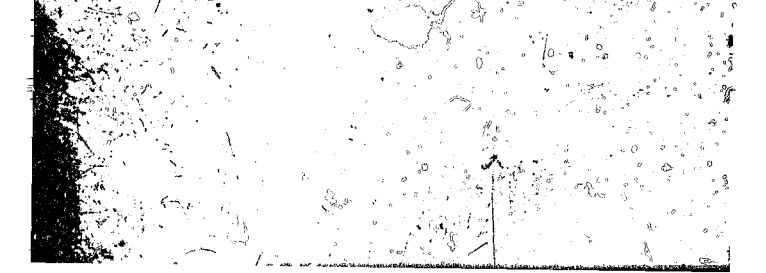




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS CORRELATION MATRIX

VARIABLE	RACMLEN	INTNOLN	NBR	IBRW	OBRW	INNXW	PMXL	LBRP	INFL	INFW	VANGS	VANGB
RACMLEN	1.0000	0.6327	0.0504	0.1138	0.1058	0.1852	0.0958	0.0442	0.1393	0.1696	0.0813	-0.0232
INTNOLN	0.6327	1.0000	0.0359	0.1169	0.0106	0.1095	-0.0732	-0.0280	-0.0571	-0.0433	0.0759	-0.0760
NBR	0.0504	0.0359	1.0000	0.1319	0.2680	0.5777	0.0005	0.0856	0.6821	0.4166	0.2338	0.2106
IBRW	0.1138	0.1169	0.1319	1.0000	0.2400	0.3987	-0.0029	0.0582	0.1749	0.1684	0.0306	-0.0734
OBRW	0.1058	0.0106	0.2680	0.2400	1.0000	0.4778	0.1350	0.2600	0.4584	0.1956	0.0132	-0.0990
INNXW	0.1852	0.1095	0.5777	0.3987	0.4778	1.0000	0.2139	0.2188	0.7577	0.6784	0.1875	0.0797
PMF	0.0958	-0.0732	0.0005	-0.0029	0.1350	0.2139	1.0000	0.3380	0.2835	0.2608	-0.0198	-0.0317
LBRP	0.0442	-0.0280	0.0856	0.0582	0.2600	0.2188	0.3380	1.0000	0.2496	0.1038	0.0661	-0.0560
INFL	0.1393	-0.0571	0.6821	0.1749	0.4584	0.7577	0.2835	0.2496	1.0000	0.6387	0.0716	0.1377
INFW	0.1696	-0.0433	0.4166	0.1684	0.1956	0.6784	0.2605	0.1038	0.6387	1.0000	0.0384	0.0252
VANGS	0.0813	0.0759	0.2338	0.0306	-0.0132	0.1875	-0.0198	0.0661	0.0716	0.0384	1.0000	0.3184
VANGB	-0.0232	-0.0760	0.2106	-0.0734	-0.0990	0.0797	-0.0317	-0.0560	0.1377	0.0252	0.3184	1.0000
SHINL	-0.0216	-0.0762	0.2418	0.1522	0.1216	0.1966	0.0769	0.1505	0.1842	0.0604	0.0161	0.0115
LENGRL	-0.1480	-0.1699	0.1310	0.0320	0.1043	0.0432	0.0801	0.1069	0.0607	-0.0476	-0.0958	-0.2044
KNLBL	0.0973	0.1381	0.0139	-0.1437	-0.0087	-0.0923	-0.1981	-0.0773	0.1597	-0.2906	0.0043	0.0082
KNWDL	0.1808	0.2563	-0.2196	0.0271	-0.1125	-0.1193	-0.0469	-0.1500	-0.1958	-0.1334	0.0848	0.1684
APKAN	0.0419	0.1062	0.0081	0.0923	-0.1304	-0.0199	-0.0877	-0.1256	-0.0621	-0.0572	0.0841	0.0650
APXPS	0.0189	0.0216	0.0279	-0.0508	0.0889	-0.0144	0.0148	0.0834	-0.0028	-0.0068	0.0473	0.0370
BSAN	0.1022	0.0862	0.0929	-0.0039	0.0694	0.2116	0.0994	0.0878	0.2074	0.1821	0.1783	0.3001
BSPS	0.0712	0.0506	0.1311	0.0167	0.1282	0.2912	0.1734	0.2085	0.2692	0.2185	0.2436	0.2400
SVINS	0.0536	0.0625	0.0622	-0.0561	-0.0392	0.0238	-0.0157	-0.0491	-0.0107	0.0694	0.3117	0.1937
HSECV	-0.0053	0.0288	0.0169	0.0456	-0.0337	-0.0386	-0.1190	0.0156	-0.0740	-0.0803	0.1460	0.2343
PINSV	0.1668	0.2566	-0.0919	0.0067	-0.1326	-0.1568	-0.0443	-0.0860	-0.1948	-0.1804	0.0973	-0.0536
PTLEN	0.1430	0.0693	0.0721	0.0485	0.1447	0.0168	0.0594	-0.1077	0.1287	0.0278	-0.0514	-0.1953
INFLN	0.1607	0.0941	-0.1033	0.0519	-0.0702	-0.0156	-0.1029	0.0740	-0.0900	-0.0294	-0.0275	-0.0915
NFLOR	0.1167	0.0937	0.1985	0.0681	0.1314	0.0958	0.2941	0.2230	0.2823	0.2627	0.0339	0.0684
CORLLN	0.0780	0.1160	0.2331	0.0752	-0.0213	0.2646	-0.0087	-0.0436	0.3241	0.1839	0.0088	0.0692
CORLWD	-0.1361	-0.0691	0.1480	0.1687	0.1147	0.0936	0.1769	0.0029	0.1643	0.2003	-0.0672	0.0112
CORTWD	0.0297	-0.0222	0.0464	0.0921	0.0567	0.0517	0.0492	-0.2078	0.1728	0.0933	-0.1741	-0.0692
STKWLDL	0.0981	0.1138	0.2186	0.1577	-0.0080	0.1977	0.0476	-0.0571	0.1995	0.0914	0.1406	0.0296
STBLN	0.0592	-0.1248	0.2812	0.0789	0.2686	0.3778	0.1527	0.1279	0.3573	0.3501	0.0574	0.1570
STBWD	0.1756	-0.1195	0.2916	0.1376	0.0696	0.2696	0.0607	-0.0017	0.2199	0.2679	0.0180	-0.0667
ACMLLN	0.1116	-0.1393	0.3084	0.0368	0.2963	0.5034	0.2983	0.1786	0.7487	0.6306	0.0011	0.0133
ACMWD	-0.0119	-0.1581	0.1708	0.0491	0.2705	0.3100	0.1170	-0.0001	0.3892	0.2966	-0.0581	0.1164
MVMAC	-0.0990	-0.0623	-0.0235	0.1060	0.2397	0.1212	0.1612	0.1150	0.1467	0.1351	-0.0019	-0.0971
CRNWD	0.1321	0.2276	0.1557	0.3598	0.0754	0.2262	0.0297	-0.1165	0.2335	0.2031	0.0765	-0.0998
CRNWD	-0.0564	-0.0744	0.0307	0.1111	0.1230	0.0902	-0.0316	0.0522	0.1508	0.0943	0.1046	0.0389
RNWDFHD	0.5920	0.3067	-0.2216	-0.1044	-0.2372	-0.3346	-0.1463	-0.0561	-0.3100	-0.1651	-0.0115	-0.1003
IBLNR	-0.0260	-0.0656	0.1480	-0.5675	0.2255	0.2728	0.1457	0.0021	0.2539	0.2179	0.0043	0.1136
OBLNR	-0.0573	-0.0822	0.0458	-0.2930	-0.3565	-0.0267	0.0834	0.1046	0.1396	0.0676	0.0642	0.0685
INVLNR	-0.1539	-0.1186	0.2107	-0.3035	-0.0786	-0.3052	0.0338	0.0579	0.0092	-0.2750	0.0229	0.1606
CRLLNR	0.1575	0.1836	0.1702	-0.0132	-0.0269	0.2216	-0.1612	-0.0513	0.2266	0.0599	0.0375	0.0020
ACLNR	0.1548	-0.0287	0.2420	-0.1067	0.1178	0.3752	0.2175	0.2019	0.5981	0.5351	0.0272	-0.0682
CORLWR	0.0215	-0.0677	0.4621	-0.0687	0.3913	0.4316	0.1270	0.3096	0.6944	0.2800	0.0047	0.1071
STLLWR	0.0112	-0.0313	0.2289	-0.0338	0.3568	0.3291	0.1969	0.2538	0.5671	0.3163	-0.0769	0.0249
TFLPLR	0.1763	0.0539	-0.1384	-0.1260	-0.1139	-0.0708	0.1463	-0.0347	-0.0042	0.1369	0.0073	-0.0689
INFLNR	-0.0771	0.0822	0.1818	0.0277	0.1384	-0.0740	-0.0696	0.1363	0.2142	0.3825	0.1599	0.0759
LRNFHR	-0.1016	0.0228	0.3265	0.1926	0.3467	0.5227	0.3753	0.1018	0.4805	0.2577	0.0834	0.1027



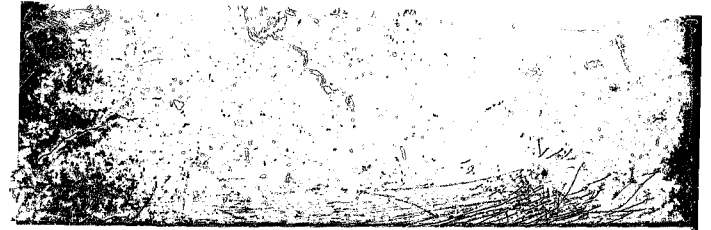


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS CORRELATION MATRIX

VARIABLE	SHINL	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLEN	-0.0346	-0.1480	0.0973	0.1888	0.0419	-0.0189	0.1022	0.0712	0.0536	-0.0053	0.1668	0.1430
INTNDLN	-0.0762	-0.1699	0.1301	0.2563	0.1062	-0.0214	0.0862	0.0506	0.0425	0.0288	0.2556	0.0493
NBR	0.2418	0.1310	-0.1037	0.2186	0.0081	0.0279	0.0925	0.2331	0.0622	0.0169	-0.0919	0.0721
LBRW	0.1523	0.0320	0.0739	0.0271	0.0923	-0.0208	0.0039	0.0143	-0.0141	0.0456	0.0057	0.0485
OBRW	0.1416	0.1043	-0.0087	0.1125	-0.1304	-0.0885	0.0694	0.1282	-0.0392	-0.0337	-0.1326	0.1487
INKWW	0.1766	0.0438	-0.0923	-0.1192	0.0344	-0.0144	0.2116	0.2812	0.0238	-0.0306	0.1468	0.0188
PRKL	0.0749	0.0937	-0.1583	0.2059	0.0877	0.0148	0.0994	0.1754	-0.0157	0.0192	-0.0634	0.0594
LBRF	0.1595	0.1069	-0.0773	-0.1500	-0.1256	0.0854	0.0878	0.2085	-0.0491	0.0156	-0.0660	-0.1077
INFL	0.1862	0.0607	-0.1907	-0.1958	0.0621	-0.0928	0.0774	0.2652	-0.0107	-0.0760	-0.1748	0.1267
INFW	0.0404	-0.0476	-0.2006	-0.1334	0.0572	-0.0068	0.1921	0.2385	0.0694	-0.0803	-0.1844	0.0278
VANGS	0.0101	-0.0956	0.0021	0.0848	0.0841	0.0473	0.1763	0.2436	0.2117	0.1460	0.0972	0.0514
VANGB	-0.0415	-0.2084	0.0092	0.1684	0.0650	-0.0370	0.3001	0.3408	0.1937	0.2343	-0.0536	-0.1957
SHINL	1.0000	0.7560	0.2033	-0.5042	-0.5936	-0.2126	-0.2269	0.2560	-0.8784	0.0507	-0.0963	0.1081
LNWDRL	0.7565	1.0000	0.3043	-0.5932	-0.3687	-0.0893	-0.5266	-0.0587	-0.2299	0.1023	-0.0802	0.1607
MXLNL	0.2033	0.3043	1.0000	-0.5967	-0.2597	0.1328	-0.0062	0.1156	-0.1413	0.3754	0.1946	0.271
MXWDL	-0.5042	-0.5932	0.5969	1.0000	0.1368	0.1810	0.4719	0.1234	0.0735	0.2077	0.2685	0.1744
APXAN	-0.2516	-0.3687	-0.2597	0.1368	1.0000	-0.3676	0.0985	-0.0738	0.1516	-0.5726	0.3607	-0.1496
APXPS	-0.2126	-0.0893	0.1328	0.1810	-0.3676	1.0000	0.0591	-0.0216	0.0636	0.0456	-0.0596	0.1044
BSAN	-0.2269	-0.5266	-0.0062	0.4719	0.0985	0.0591	1.0000	0.5417	0.2139	0.1316	0.0121	-0.1132
BSPS	0.2560	-0.0587	0.1156	0.1234	-0.0738	-0.0216	0.5417	1.0000	0.0498	0.2128	-0.0389	-0.1206
SVINS	-0.2194	-0.2299	-0.1413	0.0735	0.1516	0.0636	0.2135	0.0498	1.0000	0.5843	-0.1112	-0.1692
NSECV	0.0507	0.1023	0.3754	0.2077	-0.5726	0.0466	0.1316	0.2128	0.2843	1.0000	-0.1363	0.1561
PINSV	-0.0889	-0.0802	0.1946	0.2685	-0.3607	-0.0596	0.0121	-0.0389	-0.1112	-0.1363	1.0000	0.0947
PTLLN	0.1081	0.1606	0.271	0.1744	-0.1496	0.1044	-0.1132	-0.1206	-0.1692	0.1561	0.0947	1.0000
INTLN	-0.0836	-0.0855	0.2596	0.2616	-0.0077	0.1041	0.0641	0.0307	0.0119	0.0767	0.0958	-0.0318
NFLOR	0.1172	-0.1760	-0.0915	-0.1129	0.1603	0.0349	0.2119	0.3218	0.0163	0.0173	-0.1629	-0.0879
CORLLN	-0.1386	-0.1632	-0.0256	0.1159	0.0995	0.0451	0.2476	0.1171	0.1078	0.0472	0.071	0.0669
CORLWD	0.0851	0.1161	-0.0928	0.0315	0.1209	-0.0632	0.1619	0.1177	-0.0702	0.0318	-0.0431	0.0321
CORTWD	-0.0491	-0.0776	0.0233	0.0880	0.0477	-0.0784	0.0952	0.0989	-0.1220	-0.0406	0.0023	0.1494
STHKOLL	-0.0289	-0.0476	0.0906	0.0857	0.0217	0.0886	0.0626	-0.1434	0.0996	0.0225	0.1128	0.0355
STBLN	0.0918	-0.0128	-0.1117	-0.1223	0.0510	-0.0260	0.0936	0.0533	0.0484	-0.0816	-0.0543	0.0679
STBWD	0.0656	0.0927	-0.0919	-0.0938	0.1797	0.0839	0.0969	0.1135	0.0660	-0.1282	0.1045	0.0759
ACMKLN	0.1302	0.0982	-0.1525	-0.1696	-0.0772	0.0100	0.1429	0.2268	-0.0598	-0.0862	-0.2782	0.0928
ACMKWD	0.1788	0.0921	-0.0853	-0.0831	0.0228	-0.0665	0.0860	0.0878	-0.0883	0.0677	-0.1527	0.1316
NYPAG	-0.0220	-0.0185	-0.1139	-0.0581	0.0857	-0.1885	0.0568	-0.1382	-0.0821	-0.1278	0.0139	-0.0043
CRWDWD	-0.0080	-0.1349	-0.0320	-0.0546	0.0358	-0.0631	0.1378	0.0168	0.0414	0.0092	0.1963	0.0816
CRWNWD	0.0086	-0.0678	0.1126	0.1140	0.0695	-0.0244	0.0703	0.1166	-0.0390	0.0903	0.1484	0.0978
NUNOFHD	-0.0557	-0.0885	0.0912	0.2159	0.0081	0.0004	0.0197	-0.0736	0.0519	0.0403	0.1107	0.1000
IBLNR	0.0669	0.0577	-0.1375	-0.1622	-0.1076	0.0622	0.1967	0.1917	0.0161	-0.0408	-0.0736	0.0631
OBLNR	-0.0198	0.0213	-0.0301	-0.0568	-0.2109	0.1620	0.0691	0.1513	-0.0969	-0.0733	-0.0613	0.0666
INVLNR	0.0654	0.0523	-0.0215	-0.0553	0.0757	0.0827	0.0356	-0.0041	-0.0066	0.0902	-0.0120	0.1525
GRLLNR	-0.0842	-0.0659	0.0338	0.0925	0.0107	0.0899	0.1463	0.0359	0.1652	0.0352	0.0860	0.0854
ACNNR	0.0478	0.0160	-0.1689	-0.1591	-0.0919	0.1104	0.0965	0.2000	-0.0872	-0.1073	-0.2151	0.0087
CORLWR	0.1081	0.0388	-0.1227	-0.1939	-0.0832	0.0001	0.1166	0.1627	-0.0158	-0.0463	-0.0613	0.0793
STLLNR	0.1240	0.0307	-0.1804	-0.1795	0.0828	-0.0796	0.1917	0.2459	-0.0781	-0.1488	-0.1591	0.1268
TFLPLR	-0.0795	-0.0732	-0.1148	0.0025	0.0373	0.0494	-0.0229	-0.0083	0.0216	-0.0826	-0.0913	-0.0609
NFLWR	0.1458	0.1519	-0.1305	-0.0301	-0.1316	0.0062	-0.0945	-0.0766	0.0659	-0.0578	0.0503	0.1015
LRNFHR	0.0009	-0.0330	-0.1676	-0.0772	0.0238	0.0085	0.1820	0.1731	0.0035	-0.0772	-0.0393	-0.0788

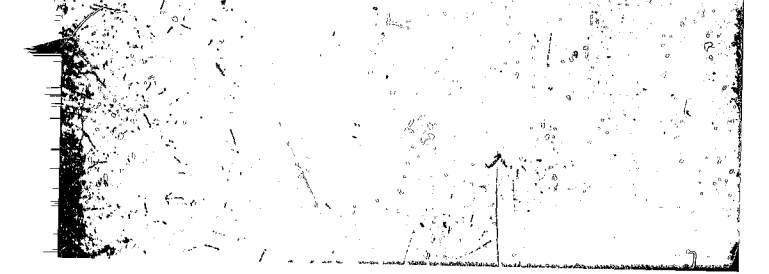


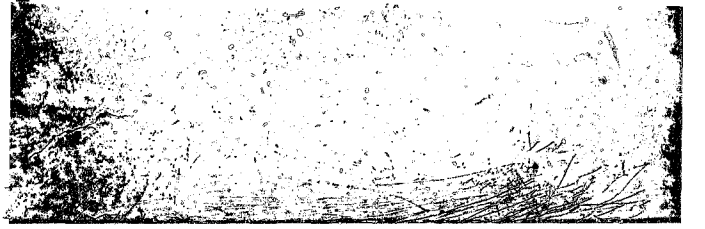


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS CORRELATION MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STNKLGL	STBLN	STBWD	ACMKLN	ACMKWD	NVPAC	CRNKWD
RACMLEN	0.1607	0.1167	0.0740	-0.1361	0.0297	0.0981	0.0592	0.1759	0.1376	-0.0119	-0.0590	0.1321
INTNDLN	0.0941	0.0037	0.1160	-0.0691	-0.0222	0.2138	-0.1248	0.1395	-0.1057	-0.1581	-0.0021	0.2676
NBH	-0.1033	0.3985	0.2211	0.1769	0.0969	0.2956	0.2812	0.2916	0.3084	0.2193	0.0635	0.1567
IBRW	0.0519	0.0481	0.0752	0.1627	0.0521	0.1577	0.0789	0.1676	0.0368	0.2493	0.7860	-0.3598
OBRW	-0.0795	0.3314	-0.0813	0.1187	0.0567	-0.0082	0.0586	0.0654	0.2163	0.2705	0.2397	0.0756
INMKW	-0.0156	0.6938	0.2646	0.0936	0.0517	0.1877	0.3728	0.2861	0.5034	0.3100	0.1211	0.3292
MXCL	-0.1084	0.2561	-0.0087	0.1769	0.0402	-0.0474	0.1527	0.0598	0.2883	0.2183	0.1121	0.0897
LBRP	0.0740	0.2030	-0.0426	0.0029	-0.2178	-0.0571	0.1579	0.0027	0.1786	-0.0001	0.7450	-0.3165
INFL	-0.0980	0.5213	0.2841	0.1693	0.1728	0.1998	0.3573	0.2199	0.7417	0.3992	0.1467	0.2335
INFW	-0.0294	0.5637	0.1839	0.2003	0.0933	0.0914	0.3501	0.2679	0.6306	0.2966	0.1151	0.3031
VAMXS	-0.0273	0.0750	0.0088	0.0627	0.1761	0.1909	0.0570	0.0100	0.0811	-0.0981	0.0010	0.0705
VAMXB	-0.0915	0.0644	0.0092	0.0112	-0.0692	-0.0296	0.1270	0.0667	0.0133	0.1764	-0.2971	-0.0998
SHINL	-0.0836	0.1172	-0.1356	-0.0821	-0.0491	-0.0289	0.0418	0.0456	0.1302	0.1784	-0.0220	-0.0080
LNWDBL	-0.0259	0.0740	-0.1632	-0.1183	-0.0776	-0.0476	-0.0128	0.0527	0.0482	0.0821	-0.0185	-0.1349
WXLNL	0.2998	0.0313	0.0254	-0.0928	0.0221	0.0530	-0.1117	-0.0515	-0.1529	-0.0253	-0.1139	-0.1020
WXLDL	0.2816	-0.1129	0.1139	0.0315	0.0880	0.0657	-0.1283	-0.0038	-0.1646	-0.0831	-0.0581	0.0956
APKAN	-0.0071	-0.1503	0.0955	0.1209	0.0917	0.0613	0.1960	0.1187	-0.0772	0.0896	0.0897	0.2056
APKPS	0.1961	0.0519	0.0451	-0.0632	-0.0788	0.0826	-0.0260	-0.0439	0.0100	-0.1665	-0.1895	-0.0631
GSAN	0.0691	0.2119	0.2474	0.1419	0.0952	-0.0428	0.0936	0.0569	0.1429	0.0860	-0.0568	0.1172
GSPS	0.0387	0.3218	0.1171	0.1777	0.0998	-0.1626	0.0233	0.1135	0.2268	0.0870	0.1382	0.0168
SVINS	0.0119	0.0163	0.1078	-0.0702	-0.1220	0.0596	0.0464	-0.0660	-0.0598	-0.0683	-0.0421	0.0414
NSECV	0.0767	-0.0173	0.0472	0.0114	-0.0406	0.0825	-0.0816	0.1282	-0.0862	0.0677	0.1276	0.0992
PJNSV	0.0958	-0.1609	0.0712	-0.0431	0.0023	0.1128	-0.0543	0.1045	-0.2782	-0.1587	0.0139	0.1063
PTLJI	-0.0312	-0.0279	0.0869	-0.0321	0.1696	-0.0235	0.0679	0.0758	0.0924	0.1214	-0.0043	0.0814
INTLN	1.0000	-0.0599	0.0637	-0.1126	-0.0696	-0.0856	-0.0059	-0.0298	0.0104	-0.1202	-0.0369	0.0612
NFLOR	-0.0599	1.0000	0.0599	-0.0259	0.0008	0.0843	0.1239	0.0493	0.3312	0.0176	-0.0177	0.0580
CORLLN	0.0637	0.0599	1.0000	0.3804	0.3931	0.247	0.1603	0.1689	0.1689	0.1918	0.0273	0.2939
CORLWD	-0.1126	0.0259	0.3804	1.0000	0.4978	0.0682	-0.0064	0.2953	0.1152	0.3275	0.0566	0.4191
CORTWD	-0.0696	0.0008	0.3931	0.4978	1.0000	0.0927	0.2249	0.3403	0.1646	0.3400	0.0998	0.3000
STNKLGL	-0.0856	0.0843	0.2496	0.0843	0.0927	1.0000	0.1797	0.1552	0.0153	0.1078	0.0267	0.3011
STBLN	-0.0059	0.1239	0.1603	-0.0064	0.2249	0.1797	1.0000	0.1265	0.4622	0.2958	0.1761	0.4006
STBWD	0.0298	0.0493	0.1689	0.2953	0.3403	0.1552	0.1265	1.0000	0.1326	0.7536	0.1953	0.4031
ACMKLN	0.0104	0.3312	0.1689	0.1152	0.1646	0.0153	0.4622	0.1326	1.0000	0.4578	0.0272	0.1547
ACMKWD	-0.1202	0.0176	0.1918	0.3275	0.3400	0.1078	0.2958	0.7536	0.4578	1.0000	0.1555	0.3396
NVPAC	-0.0369	-0.0177	0.0273	0.0566	0.0998	0.0267	0.1761	0.1953	0.0272	0.1555	1.0000	0.113
CRNKWD	0.0612	-0.0580	0.2939	0.4191	0.3000	0.3011	0.4006	0.4031	0.1547	0.3396	0.2813	1.0000
CRNNWD	0.1946	-0.1395	0.1838	0.3562	0.2853	0.1671	0.0454	0.2438	-0.1562	0.1669	0.1165	0.4378
NWNDWD	0.1889	-0.2039	-0.0600	-0.1473	0.0021	-0.0440	-0.1337	0.0120	-0.1277	-0.0662	-0.1780	-0.0715
LBLWR	-0.1292	0.3472	0.1984	0.0107	0.0187	0.0090	-0.2792	0.0067	0.3518	0.0331	-0.0823	-0.1038
OBLWR	0.0036	0.1691	0.0952	-0.0280	0.0256	-0.0484	0.1170	-0.0397	0.1177	-0.1502	-0.0511	-0.1267
INVLWR	-0.0793	-0.2201	0.1117	0.0175	0.0337	0.0342	0.0982	-0.0681	0.2190	-0.0370	-0.0016	-0.1663
CRLLWR	0.1363	0.0907	0.7940	-0.2897	0.0890	0.2096	0.1560	0.0392	0.0960	-0.0170	-0.1498	0.0412
AGLNR	0.0799	0.3515	0.0708	-0.0900	-0.0144	-0.0529	0.3456	0.0772	0.8509	-0.0637	-0.0433	-0.0127
CORLWR	-0.0478	0.4532	0.1605	-0.0801	0.0391	0.0938	0.4258	-0.0348	0.3919	0.0795	0.0151	-0.2735
STLLBR	-0.0079	0.4182	0.0696	0.1016	0.1338	-0.0110	0.2899	0.1777	0.4334	0.1968	0.0818	-0.0270
TFLPLR	0.1101	-0.0282	-0.0705	0.0050	0.1399	-0.1171	0.0982	0.0251	0.4327	0.2205	-0.1200	0.0133
INFLWR	-0.0136	0.1793	0.2992	-0.0938	0.0143	0.1511	0.1166	-0.1236	-0.0360	-0.0007	0.0093	-0.1595
LRNFWR	-0.0968	0.3021	0.2310	0.1655	0.1069	0.1029	0.2281	0.1460	0.2815	0.1461	0.2567	0.2701

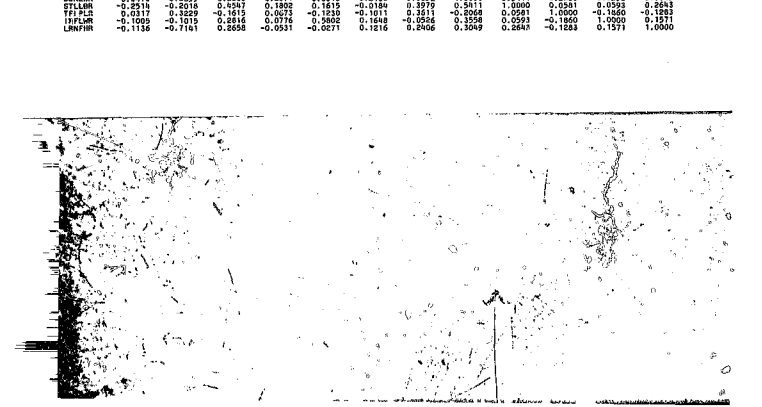


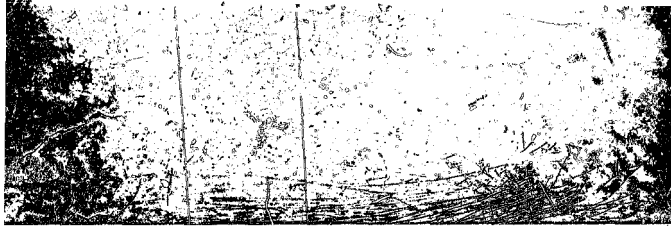


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS CORRELATION MATRIX

VARIABLE	CRMWMD	RMWDFMD	IBLWR	OBLWR	INVLWR	CRLLWR	ADLWR	CDRLWR	STLLBR	TFLPLR	INFLWR	LRNFWR
RADNLEN	-0.0564	0.5920	-0.0260	-0.0573	-0.1539	0.1575	0.1548	0.0315	0.0112	0.1763	-0.0771	-0.1015
INTNOLN	0.0634	0.3087	-0.0664	-0.0822	-0.1765	0.1855	-0.0287	-0.0817	0.2013	0.0759	0.0822	0.0862
NBR	-0.0393	-0.2318	0.3980	0.0888	0.2707	0.1702	0.2820	0.4621	0.2289	-0.1334	0.1818	0.3265
IBRW	0.0844	-0.1484	-0.5675	0.2930	-0.3035	-0.0132	-0.1067	-0.0687	0.0338	-0.1280	-0.0277	0.1928
OBRW	-0.1230	-0.2372	0.2295	-0.3565	-0.0786	-0.0969	0.1178	0.3913	0.3588	-0.1139	0.1384	0.3467
INRWW	-0.0082	-0.3346	0.2788	-0.0887	-0.3092	0.2816	0.2722	0.4316	0.3591	-0.0708	-0.0740	0.2827
PRXL	-0.0314	-0.1463	0.1657	0.0834	0.0338	-0.1412	0.2175	0.1270	0.1969	0.1463	-0.0498	0.3753
LBRP	0.0682	-0.0961	0.1096	0.0579	-0.0913	0.2015	0.3096	0.2538	-0.2367	0.1868	0.1676	0.1676
INFL	0.1528	-0.3100	0.5939	0.1396	0.2092	0.2666	0.5984	0.6948	0.5071	-0.0062	0.2148	0.4865
INTV	0.0345	0.1451	0.2175	0.0676	-0.2750	0.0599	0.5351	0.2800	0.3363	0.1369	0.3928	0.2577
VANOS	0.1046	-0.0115	0.0043	0.0642	0.0229	0.0375	0.0272	0.0067	-0.0789	0.0073	0.0399	0.0834
YANGB	-0.0281	0.1003	0.1376	0.0680	0.1606	0.0000	0.0683	0.1071	0.0349	-0.0689	0.1168	0.1027
SHINL	0.0086	-0.0597	0.0669	-0.0198	0.0654	-0.0842	0.0678	0.1081	0.1240	-0.0795	0.1458	0.0009
LNWDRL	-0.0478	-0.0585	0.0577	0.0213	0.0523	-0.0855	0.0142	-0.0888	0.0307	-0.0733	-0.1519	-0.0339
RKLRL	0.1178	0.0312	-0.1275	0.2301	-0.0015	0.0556	-0.1627	-0.1227	-0.1864	0.1168	0.2106	-0.1676
RKWDL	0.1140	0.2159	-0.1622	-0.0558	-0.0553	0.0925	-0.1501	-0.1939	-0.1729	0.0025	-0.0301	-0.0778
APXWR	0.0695	-0.0081	-0.1076	-0.2195	0.0757	0.0107	0.0939	-0.0032	0.0488	0.0373	0.1216	0.0238
APXPS	-0.0249	0.0056	0.0422	0.1620	0.0897	0.0899	0.1106	0.0001	-0.0796	0.0994	0.0062	0.0085
BSAW	0.0703	-0.0197	0.1967	0.0691	0.0366	0.1463	0.0965	0.1166	0.1917	-0.0229	-0.0543	0.1803
BSPS	0.1186	-0.0736	0.1917	0.1513	-0.0041	0.0359	0.2000	0.1827	0.2459	-0.0083	-0.0786	0.1731
SVINS	-0.0390	0.0519	0.0161	-0.0069	-0.0666	0.1652	-0.0272	-0.0158	-0.0761	0.0216	-0.0803	0.0035
NSEGV	0.0903	0.0803	-0.0408	-0.0733	0.0902	0.0358	-0.1473	-0.0463	-0.1498	-0.0826	0.0570	-0.0772
PINSV	0.1944	0.1107	-0.0736	-0.0613	-0.0120	0.0880	-0.2151	-0.0813	-0.1991	-0.0913	0.0579	0.0393
PTLLN	-0.0978	0.1000	-0.0651	-0.0566	-0.1529	0.0854	0.0087	0.0793	0.1268	-0.0609	0.1019	-0.0784
INTLN	0.1544	0.1489	-0.1292	0.0036	-0.1795	0.1363	0.0799	-0.0476	-0.0078	0.1101	-0.0130	-0.0998
NFLOR	-0.1395	-0.2039	0.3472	0.1641	-0.2201	0.0907	0.3515	0.4539	0.4182	-0.0282	-0.1793	0.3021
CDRLLN	0.1839	0.0409	0.0000	-0.0000	0.1117	0.0940	0.0708	0.1605	0.0496	-0.0753	0.0992	0.0310
CDRLWD	0.3562	-0.1473	0.0107	0.0280	0.0174	-0.2497	-0.0560	-0.0801	0.1016	0.0050	-0.0934	0.1695
CDRTWD	0.2351	0.0021	0.0187	0.0254	0.0317	0.0490	-0.0146	0.0291	0.1338	0.1399	0.0143	0.1969
STMXLDL	0.1671	0.1440	0.0090	-0.0484	0.0349	0.2056	-0.0529	0.0938	-0.6110	-0.1171	0.1511	0.1029
STBLDL	-0.0404	-0.1331	0.2709	0.1170	-0.0988	0.1560	0.3952	0.4258	0.8995	0.0289	0.1163	0.2281
STBWD	0.2432	0.0160	0.0209	-0.0207	0.0941	0.0392	0.0770	-0.0348	0.1171	0.0951	-0.1235	0.1460
ACMXLN	-0.1582	-0.1827	0.3518	0.1177	0.0190	0.6490	0.8509	0.3919	0.4334	0.0327	-0.0380	0.4815
ACMXWD	0.1643	0.0466	0.0331	-0.1598	0.0370	0.4331	0.0637	0.0759	0.1562	0.2405	-0.0609	0.1961
NVPAD	0.1195	-0.1780	-0.0283	-0.0511	-0.0016	-0.1498	-0.0431	0.0151	0.0818	-0.1200	0.0093	0.2567
CRMWMD	0.4376	-0.0715	-0.1038	0.0982	-0.1663	0.0412	-0.0127	-0.2735	-0.0278	0.0133	-0.1599	0.1701
CRMNWD	1.0000	0.1629	-0.1956	-0.1220	-0.1960	-0.0393	-0.2676	-0.3473	-0.2514	0.0317	-0.1005	-0.1136
RMWDFMD	0.1629	1.0000	-0.2057	0.1200	0.0153	0.0476	0.1182	-0.2859	-0.2018	0.3289	-0.1015	0.2161
IBLWR	-0.1956	-0.2057	1.0000	0.1496	0.4750	0.1927	0.3697	0.6288	0.4547	-0.1615	0.2816	0.2656
OBLWR	-0.1220	0.0520	0.1496	1.0000	0.2848	0.0548	0.2102	0.2071	0.1802	0.0673	0.0776	-0.0531
INVLWR	-0.1960	0.0153	0.4750	0.2848	1.0000	0.1076	0.0493	0.3316	0.4619	-0.1230	0.5802	0.0271
CRLLWR	0.0395	0.0476	0.1927	0.0548	0.1076	1.0000	0.0938	0.2160	0.0184	-0.1071	0.1648	0.1216
ADLWR	-0.2676	-0.1182	0.3697	0.2102	0.0493	0.0938	1.0000	0.3852	0.3079	0.3611	-0.0526	0.2906
CDRLWR	-0.3473	-0.2859	0.6288	0.2071	0.3316	0.2160	0.3852	1.0000	0.5411	-0.2068	0.3558	0.3049
STLLBR	-0.2514	-0.2018	0.4547	0.1802	0.1615	-0.0184	0.3079	0.5411	1.0000	0.0581	0.0593	0.2643
TFLPLR	0.0317	0.3289	-0.1615	0.0673	-0.1230	-0.1071	0.3611	-0.2068	0.0581	1.0000	-0.1660	-0.1283
INFLWR	-0.1005	-0.1015	0.2816	0.0776	0.5802	0.1648	-0.0526	0.3558	0.0593	-0.1660	1.0000	0.1571
LRNFWR	-0.1136	-0.7161	0.2656	-0.0531	-0.0271	0.1216	0.2906	0.3049	0.2643	-0.1283	0.1571	1.0000





CANONICAL DISCRIMINANT ANALYSIS

MAHALANOBIS DISTANCES BETWEEN CLASSES

SPECIES	DISCOLOR	TRANSVAA	UNIFLORA
DISCOLOR	.	7.4071	6.6949
TRANSVAA	7.4071	.	6.2352
UNIFLORA	6.6949	6.2352	.

F STATISTICS, NDF=48 DDF=100

SPECIES	DISCOLOR	TRANSVAA	UNIFLORA
DISCOLOR	.	4.61825	1.68698
TRANSVAA	4.61825	.	3.88093
UNIFLORA	1.68698	3.88093	.

PROB > MAHALANOBIS DISTANCE

SPECIES	DISCOLOR	TRANSVAA	UNIFLORA
DISCOLOR	.	0.0001	0.0146
TRANSVAA	0.0001	.	0.0001
UNIFLORA	0.0146	0.0001	.

	CANONICAL CORRELATION	ADJUSTED CANONICAL CORRELATION	APPROX STANDARD ERROR	SQUARED CANONICAL CORRELATION	EIGENVALUES OF INV(E)*H = CANRSQ/(1-CANRSQ) EIGENVALUE	DIFFERENCE	PROPORTION	CUMULATIVE
1	0.950014	0.933517	0.007965	0.902926	9.2591	6.5788	0.7755	0.7755
2	0.853398	0.805899	0.022260	0.728286	2.6804	.	0.2245	1.0000

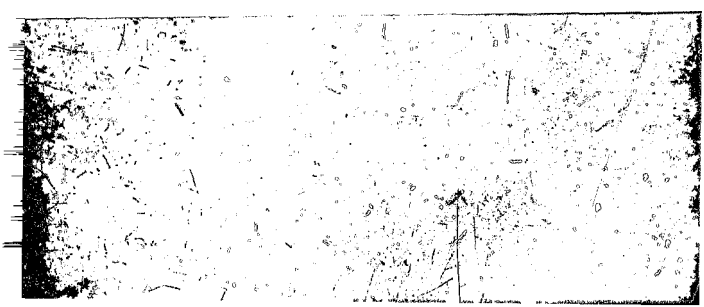
TESTS OF HO: THE CANONICAL CORRELATION IN THE CURRENT ROW AND ALL THAT FOLLOW ARE ZERO

	LIKELIHOOD RATIO	F	NUM DF	DEN DF	PR > F
1	0.02688486	10.7181	96	200	0.0001
2	0.27171284	5.7999	47	101	0.0001

MULTIVARIATE TEST STATISTICS AND F APPROXIMATIONS
S=2 M=22.5 N=49.5

STATISTIC	VALUE	F	NUM DF	DEN DF	PR > F
WILKS' LAMBDA	0.02688486	10.718	96	200	0.0001
PILLAI'S TRACE	1.630874	9.299	96	202	0.0001

NOTE: F STATISTIC FOR ROY'S GREATEST ROOT IS AN UPPER BOUND
F STATISTIC FOR WILKS' LAMBDA IS EXACT



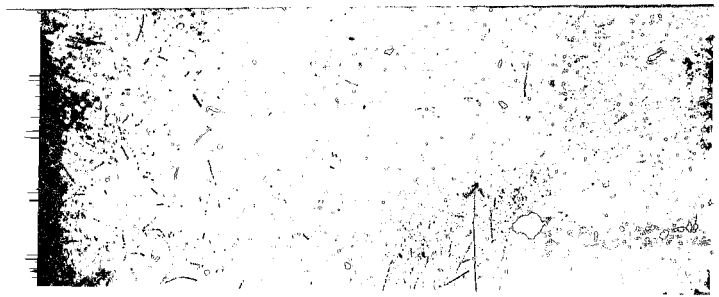


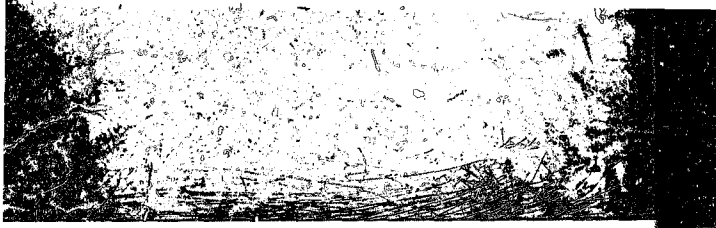
CANONICAL DISCRIMINANT ANALYSIS

MULTIVARIATE TEST STATISTICS AND F APPROXIMATIONS
S=2 M=22.5 N=49.5

STATISTIC	VALUE	F	NUM DF	DEN DF	PR > F
HOTELLING-LAWLEY TRACE	11.93951	12.313	96	198	0.0001
ROY'S GREATEST ROOT	9.259146	19.483	48	101	0.0001

NOTE: F STATISTIC FOR ROY'S GREATEST ROOT IS AN UPPER BOUND
F STATISTIC FOR WILKS' LAMBDA IS EXACT

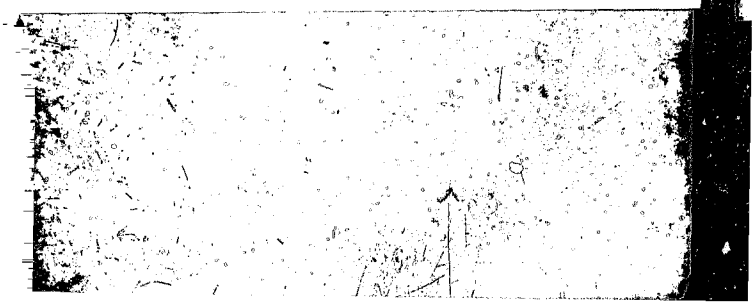




CANONICAL DISCRIMINANT ANALYSIS

TOTAL CANONICAL STRUCTURE

	CAN1	CAN2
RAGNLEN	-0.0898	0.0199
INTHIGLN	0.0572	-0.0613
NBR	0.8130	0.0156
IBRW	0.3769	-0.4525
OBRW	0.6591	-0.3796
INKNW	0.8273	-0.3271
PNKL	0.6879	0.0959
LBRP	0.6347	0.0753
INFL	0.8235	-0.0648
INPW	0.7530	-0.0228
VANGS	0.0080	-0.0314
VANGB	0.3221	0.0866
SHINL	-0.3690	-0.0306
LMAXPL	-0.5150	0.1064
MXLBL	-0.5764	0.0881
MAXBL	-0.0358	-0.0003
APXAN	0.4890	0.0423
APXPN	-0.3736	-0.0484
BSAN	0.3847	-0.1199
BSPN	0.2116	-0.1092
SVINS	0.1157	0.0330
NSECV	-0.3328	0.3378
PINSV	-0.2462	-0.1382
PTLLN	0.2751	0.1805
INTLN	0.0435	0.0085
NFLDR	0.7503	0.3144
CORLLN	0.8858	0.2660
CORLWD	0.0946	-0.0816
CORTWD	0.0302	-0.0767
STHKLOL	0.4220	0.1003
STBLN	0.7059	-0.0315
STBWD	0.2139	-0.1011
ACNKLN	0.3363	0.0925
ACNKWD	-0.0178	0.0084
WVNG	0.7103	-0.0181
CRNKWD	0.1775	0.2352
GUNWD	-0.0703	0.1376
MANDFHD	-0.7623	0.3514
FBLWR	0.7550	0.1067
OBLWR	0.4457	0.0919
INVLWR	0.1341	0.7574
CRLLWR	0.2489	0.3538
ACLWR	0.3671	0.0936
CORLWR	0.8838	-0.0115
STLLBR	0.7002	-0.1355
TFLPLA	-0.8424	0.0955
INFLWR	0.0855	-0.0932
LRNFHR	0.7780	-0.2185

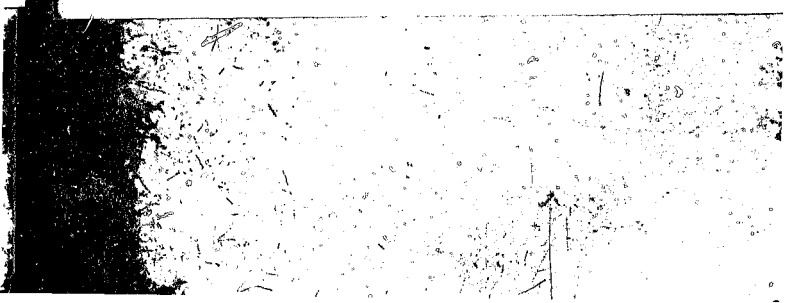


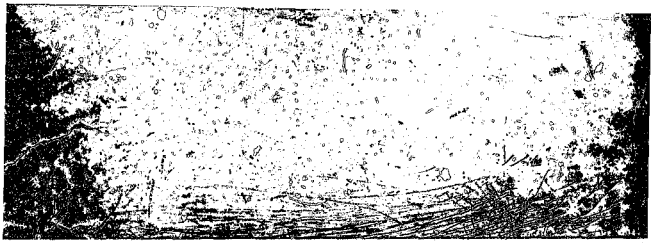


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN CANONICAL STRUCTURE

	CAN1	CAN2
RACHLEN	-0.9808	0.1951
INTNDLN	0.7206	-0.6934
NBR	0.9999	0.0173
IGRV	0.6662	-0.7539
OBRM	0.8881	-0.4597
INRDW	0.9436	-0.3318
PNKL	0.9923	0.1242
LBRP	0.9944	0.1060
INFL	0.9975	-0.0705
INFV	0.9996	-0.0272
VANGS	0.2707	-0.9622
VANGB	0.9974	0.0723
SHIBL	-0.9972	-0.0744
LNADRL	-0.9832	0.1825
NKLNL	-0.9906	0.1365
NKNDL	-1.0000	-0.0078
APXAR	0.9960	0.0893
APXPS	-0.9930	-0.1180
BSAN	0.9630	-0.2696
BSPS	0.8449	-0.5349
SVINS	0.9687	0.2482
SSECV	-0.7387	0.6740
PINSV	-0.6899	-0.4566
PTLLN	0.8614	0.5079
INTLN	0.9849	0.1731
NFLOR	0.9259	-0.3523
CORLLN	0.7437	0.6685
CORLWD	0.7902	-0.6128
CORTWD	0.4101	-0.9120
STNKLGL	0.9780	0.2086
STBLN	0.9952	-0.0908
STBWD	0.9204	-0.3910
ACNKLN	0.9706	0.2408
ACNKWD	-0.9761	0.2171
NYPAC	0.9997	-0.0229
CRNKWD	0.6432	-0.7657
CRNKND	-0.8938	-0.4496
INNDFTND	-0.9239	0.3826
IBLWR	0.9980	0.1959
OBLWR	0.8672	0.4979
INVLWR	0.1934	0.9811
CRLLWR	0.6170	0.7870
ACLWR	0.9747	0.2237
CORLWR	0.9999	-0.0117
STLLBR	0.9852	-0.1711
TFLPLR	-0.9983	0.0591
INFLWR	0.7154	-0.6997
LRRFRR	0.9696	-0.2446



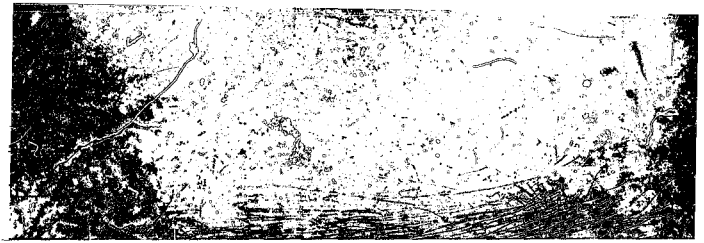


CANONICAL DISCRIMINANT ANALYSIS

WITHIN CANONICAL STRUCTURE

	CAN1	CAN2
RACHLEN	-0.0282	0.0104
INTHDLN	0.0179	-0.0320
NSR	0.2997	0.0128
LBRW	0.1378	-0.2699
OBRW	0.2902	-0.2792
INRWW	0.4859	-0.3169
RWCL	0.2854	0.0684
LBRP	0.2488	0.0493
INFL	0.4184	-0.0564
INTW	0.3365	-0.0170
VANGS	0.0825	-0.0164
VANGB	0.1057	0.0142
BTINL	-0.1230	-0.0171
LANGNT	-0.1894	0.0640
HXLBL	-0.2197	0.0550
HXWDL	-0.0110	-0.0002
APXAN	0.1447	0.0211
APXPB	-0.1249	-0.0276
BBAN	0.1298	-0.0676
BSPB	0.0680	-0.0809
SVINS	0.0363	0.0173
NSECW	-0.1149	0.1948
PINSW	-0.0783	-0.0746
PTLLN	0.0901	0.0986
INTLN	0.0136	0.0044
NFLOR	0.3615	-0.2529
CORLLN	0.0998	0.1601
CORLWD	0.0297	-0.0428
CORTWD	0.0094	-0.0390
STRKLOL	0.1455	0.0573
STBLN	0.4973	-0.0221
STBWD	0.0668	-0.0540
ACRKLN	0.1112	0.0513
ACRKWD	-0.0096	0.0023
RVFAC	0.3005	-0.0188
CRKKWD	0.0576	-0.1271
CRKNWD	-0.0221	-0.0725
NNROFHD	-0.3832	0.2930
IBLNR	0.3413	0.0805
OBLNR	0.1595	0.1702
INVLNR	0.0557	0.5910
CRLLNR	0.0841	0.1994
ACLNR	0.1227	0.0523
CORLNR	0.5081	-0.0111
STLLBR	0.2953	-0.0958
TFLPLN	-0.4400	-0.0484
INFLNR	0.0269	-0.0489
LRNFNR	0.3753	-0.1759





CANONICAL DISCRIMINANT ANALYSIS

STANDARDIZED CANONICAL COEFFICIENTS

	CAN1	CAN2
RACHLEN	0.0400	-0.2562
INTNDLN	-0.0780	0.1223
NBR	0.2196	-0.0245
IBRW	0.1657	-0.8853
ORRW	0.0006	-0.2179
INMXM	1.4305	1.6917
PMXL	0.3581	0.1095
LBFF	0.1476	0.1628
INFL	-3.3709	0.4983
INFW	0.3003	-2.0951
VARGS	-0.2328	-0.0574
VARGB	0.2169	-0.0835
BNWL	-0.2603	-0.1706
LBNDNL	0.4226	0.5874
MXLNL	-0.7623	-0.1890
MXWDL	0.7937	0.2789
APXAN	0.0282	0.1113
APXPB	-0.2330	-0.1605
BSAN	-0.1807	-0.0142
BPTS	0.0339	-0.1579
SVINS	0.1006	-0.0054
RSECV	-0.0170	0.2484
PTRSV	-0.0476	0.0803
PTLLN	0.0281	-0.0733
INTLN	0.0634	-0.0295
RFLGR	-0.0689	-0.3476
CORLLN	-0.1966	-1.6388
CORLWD	-0.1198	1.0188
CORTWD	0.1102	-0.1784
STMXLDL	1.2076	0.9058
STBLN	0.0616	0.0439
STBWD	-0.1763	0.0877
AGMXLW	0.5915	2.3740
AGMXWD	0.0032	-0.6968
WVFAC	0.1602	-0.0329
CRMXWD	-0.2404	-0.5441
CRMWND	0.3057	0.1056
WWNDFRD	-0.0557	1.1974
IBLWR	0.0094	-1.6283
OBLWR	0.1796	0.0049
INVLWR	0.3486	1.7847
OBLLWR	0.1891	1.7189
ACLWR	0.2036	-1.3862
CORLWR	-0.2080	-0.4384
STLLBR	1.7228	1.1684
TTLPLR	-1.0[illegible]	-0.8928
INFLWR	0.1[illegible]	-1.7465
LBNFWR	0.07[illegible]	0.9370

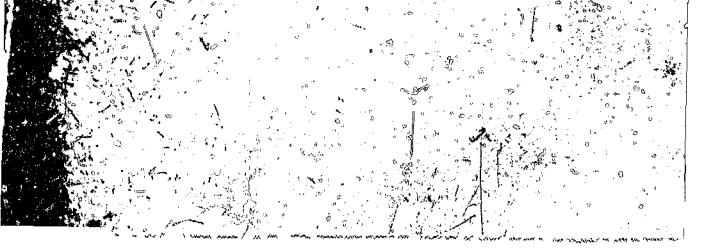


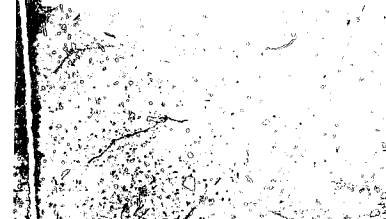


CANONICAL DISCRIMINANT ANALYSIS

RAW CANONICAL COEFFICIENTS

	CAN1	CAN2
RACHLEN	0.090011068	-0.256213198
INTMOLN	-0.077966324	0.122398279
NBR	0.01 50139	-0.029526761
IBRN	0.165ee6084	-0.085327773
OBRN	0.000565072	-0.017929688
INRNM	1.438629429	1.693650135
PNKL	0.358074276	0.108417808
LBRP	0.1N760147	0.162845659
INFL	3.310930625	9.998180167
INFV	0.300853460	-2.095055928
VANGS	-0.232778494	-0.057395971
VANGB	.216943929	0.003471633
SNINL	.266050627	1.170549890
LINBRL	0.822576471	0.587435998
MNLNL	-0.262250708	-0.188956162
RNNGL	0.703673508	0.278880754
APKJB	0.028095575	0.111217190
APKPS	-0.239 .09254	-0.160534767
BSAN	-0.180718284	-0.014186801
BSPG	0.033882591	0.157681127
SVINS	0.100616732	-0.005380591
RSECV	0.047016299	0.246407784
PINSV	-0.047630161	0.080290962
PTLLN	0.228050655	0.073475983
INTLN	0.063362666	-0.029523512
NFLGN	-0.066931849	-0.347585420
CORLLN	-0.306627791	-1.636797833
CORLWD	0.119799703	1.016833100
CORTWD	0.118237615	-0.170408748
STMXLGL	1.207580416	0.905799529
STBLN	0.081579120	0.043920271
STBWD	0.176304279	0.087700903
ACMLN	0.601676147	2.317453680
ACRWD	-0.001858400	-0.696847594
NVPAC	0.160182615	-0.032856197
CRMWD	-0.240352719	-0.548050782
CRMMD	0.350650012	0.175754051
RNRGFRD	-0.059702499	1.197416859
IBLNR	0.089378098	-.688579821
OBLNR	0.179616420	6.004397722
INVLWR	0.386623157	1.787796684
CRLLWR	0.189118703	1.712859220
ACLNR	0.203613840	-1.896835215
CORLWR	-0.208040641	-0.434393855
STLLBR	1.728815839	1.168822165
TFLPLR	-1.095363335	-0.895213235
INFLWR	0.105939969	1.786478128
LRNFNK	0.076710680	0.937087271





CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RACMLEN	0.0368475	-0.0179926	-0.1657010	0.0014597	-0.1633822	+0.0522653	0.0251457	-0.0061594	-0.1158136	-0.0900579
INTNDLM	-0.1758086	0.1367557	0.8194484	0.1516090	0.1029080	0.1040904	0.1389476	0.1271894	0.1256312	0.0394177
LANDRL	-0.1295494	-0.0113947	-0.1600245	-0.1272479	-0.2286283	-0.1790276	-0.1296660	-0.2137956	-0.2071916	-0.2102089
MXLNL	-0.1809897	-0.3472146	-0.2830144	-0.0447607	-0.2920010	-0.2619977	-0.2720958	-0.3306729	-0.2770856	-0.2096179
MXWDL	-0.0710987	-0.2424202	-0.0260428	0.0139113	-0.0915578	-0.1217196	-0.1690721	-0.1423576	-0.0816322	-0.0225629
APXAN	0.0385922	0.1131079	0.0735372	0.0056920	0.0303828	0.0818164	0.1266940	0.1036309	0.1774668	0.1703278
APXPD	-0.0143638	0.0985962	0.0599962	0.0369174	0.1017211	0.1105198	0.1184386	0.0959977	0.0859377	0.0931279
BSAN	0.1960410	0.2302987	0.0190034	0.0757750	0.2157532	0.1249611	0.1600564	0.2356829	0.1630794	0.2066293
BSPS	0.2093360	0.2001967	0.0609758	0.0348442	0.1281998	0.1958140	0.1925119	0.2428058	0.2053906	0.2133048
SVINS	-0.0771819	-0.1645772	-0.1063066	0.0814327	-0.0943339	-0.1072686	-0.2819653	-0.1130906	-0.1630353	-0.0851060
MSECV	0.0089803	-0.1815288	-0.0028219	0.0071117	-0.0067732	-0.1098964	-0.2190710	-0.0932509	-0.1529773	0.0335707
ZIRSV	-0.2918567	-0.2919054	-0.2648222	0.0828614	-0.1896574	-0.2536112	-0.2799597	-0.7060360	-0.2411371	-0.3341650
PILLN	0.2925408	0.2161555	0.0610665	0.1822519	0.1992229	0.1547300	0.1556228	0.1890576	0.1577301	0.1972828
INTLN	0.0903749	0.0705979	-0.0603034	0.1392389	0.1121725	-0.0014550	0.0939792	0.0776136	0.0400681	0.1163782
NBR	0.5604197	0.6071151	0.6021911	0.2602259	0.5852068	0.7323666	0.6920843	0.8134006	0.6822532	0.6888160
IBRL	0.7111200	0.6749697	0.5728572	0.1775639	0.6680353	0.7573752	0.7257096	0.8951389	0.7996822	0.7452850
OBRL	0.5613384	0.6181179	0.5102114	0.1755780	0.5387597	0.7362130	0.7815657	0.8170121	0.8177042	0.6837164
IBRW	0.5246827	0.5290672	0.3571660	0.2618526	0.6072595	0.4789510	0.4808129	0.6262966	0.3696391	0.5051370
OBRW	0.5932193	0.7361071	0.5479309	0.2270719	0.5683595	0.6706603	0.7378426	0.7539723	0.5985464	0.6151948
MXLL	0.7019709	0.7569053	0.6509764	0.2132942	0.6052614	0.7080452	0.7379138	0.8217687	0.6376521	0.7107606
LRMP	0.9713294	0.6483894	0.5193178	0.2161771	0.5958722	0.5589571	0.6240295	0.7015988	0.5069742	0.6568417
NFLOR	0.6413894	0.9901061	0.7461761	0.1394763	0.5622158	0.6357342	0.8082362	0.8160340	0.5323353	0.6912177
CORLLN	0.5153778	0.746 1761	1.0073327	0.1756989	0.4809881	0.6797056	0.8389435	0.6294033	0.7327790	0.7327025
CORLWD	0.2161711	0.1394763	0.1756989	1.0063197	0.3820029	0.1433296	0.1726552	0.1956961	0.0529599	0.1111407
CORTWD	0.5958722	0.5622158	0.4809881	0.3820029	1.0041248	0.6421638	0.6894178	0.6006560	0.6449628	0.5323633
LCTPFA	0.5589571	0.6357342	0.6797058	0.1433296	0.6421638	1.0035743	0.7708929	0.8833500	0.7388766	0.7597148
INFW	0.6240295	0.8082362	0.8389435	0.1726552	0.6894178	0.7708929	1.0033501	0.8977009	0.6716594	0.7269309
INFL	0.7015988	0.8160340	0.6294033	0.1956961	0.6006560	0.8833500	0.8977009	0.9996662	0.6776466	0.6816629
FMXLN	0.5069742	0.5323353	0.7327790	0.0529599	0.6449628	0.7388766	0.6716594	0.6776466	1.0041137	0.6481283
AMXLN	0.6568417	0.6912177	0.7327025	0.1111407	0.5323633	0.7597148	0.7269309	0.8316829	0.6481283	1.0032604
STMKLOL	0.2763974	0.1372391	0.3694157	0.2858981	0.1563382	0.2192099	0.0704859	0.2743097	0.2694557	0.2897459
VACMKLP	0.1137641	0.2145281	-0.0121164	-0.2019134	0.2503453	0.1682790	0.1006998	0.0933856	0.2693584	0.0939356
CRMMXD	0.6218756	0.5100660	0.4357397	0.3695661	0.8656734	0.3470906	0.3975723	0.5839333	0.3669315	0.5100936
CRMMWD	0.3579567	0.1653401	0.1805200	0.9550848	0.5516668	0.0695740	0.0876280	0.2330566	0.0955331	0.1845199
VANGLE	0.0528164	0.0223504	0.5009540	0.4419358	0.1443998	0.4005690	0.4080208	0.3910218	0.5154925	0.4360133
VANGB	0.2093126	0.2287904	0.3368603	0.1863238	0.2278025	0.2869273	0.1837328	0.2930175	0.3136113	0.3089402
SHINL	-0.0910421	-0.0234116	-0.2162756	-0.1406751	-0.1915995	-0.1567731	-0.0982343	-0.1521858	-0.1206813	-0.1586707
WWNGFWD	-0.6222009	-0.7040924	-0.5730878	-0.1662975	-0.6453524	-0.7022242	-0.7919106	-0.7741434	-0.6496015	-0.6410267
IBLWW	0.5379255	0.4900102	0.6094822	0.1855189	0.5855966	0.6405156	0.6174331	0.7853869	0.6255262	0.7902609
OBLWW	0.1486629	0.2349968	0.1209947	-0.0410210	0.1745371	0.1827749	0.1115950	0.2244740	0.1599524	0.2163617
INVLWR	-0.1398809	-0.2912901	0.0343184	-0.0700674	-0.2001955	-0.1326574	-0.4968396	-0.1672492	-0.1206813	-0.0866875
CRLLWR	0.3723458	0.1728485	0.8568179	-0.3603103	0.2606630	0.5556020	0.4019681	0.4770570	0.5438599	0.6178011
CORLWR	0.0072866	0.2209210	0.4073303	-0.1601897	-0.2772096	0.5223110	0.4171776	0.3494076	0.4631598	0.5753206
CORLWAR	0.3912903	0.4971234	0.6083208	-0.1154713	0.1266209	0.7828626	0.6339679	0.6908973	0.7016397	0.6367950
STLLBR	0.2040868	0.1499118	0.0948981	-0.1005015	0.1938488	0.4016436	0.5210696	0.3866229	0.4338111	0.3312621
TFLPLR	-0.0617972	-0.7346535	-0.4343819	-0.1595566	-0.5931071	-0.5613780	-0.6508437	-0.6917839	-0.5006746	-0.5671091
INFLWR	0.2511979	0.2233403	0.1455722	-0.0763649	-0.2094015	-0.1349157	0.7317526	0.1977222	0.3009729	0.2381187
LRNFHR	0.6209941	0.7572865	0.6349251	0.1246234	0.6185110	0.7307796	0.7379208	0.8169635	0.6467485	0.7071608
ALFPLR	-0.1781510	-0.2636427	-0.1645569	-0.0267921	-0.1780149	-0.1529187	-0.1715624	-0.2875026	-0.2006215	-0.2335105
LOFFCLR	0.0741071	0.2858427	-0.0660619	-0.0091685	-0.0260347	0.6634606	0.4256311	0.3836151	0.2709235	0.1849276



APPENDIX IVB

Summary of Canonical Discriminant Analysis

for 138 Male OTUs

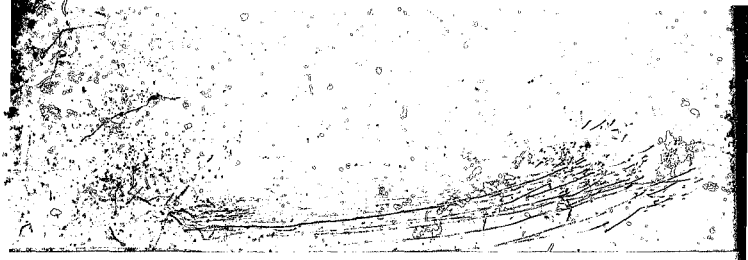
Key:

uniflora = GROUP 1

discolor = GROUP 2

transvaa = GROUP 3

(See main text for more details)



CANONICAL DISCRIMINANT ANALYSIS

137 OBSERVATIONS	136 DF TOTAL
50 VARIABLES	134 DF WITHIN CLASSES
3 CLASSES	2 DF BETWEEN CLASSES

SPECIES	FREQUENCY	WEIGHT	PROPORTION
DISCOLOR	101	101	0.737226
TRANSVAA	18	18	0.131387
UNIFLORA	18	18	0.131387

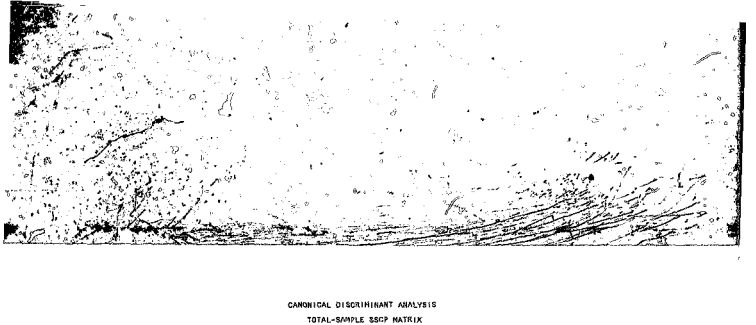




CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

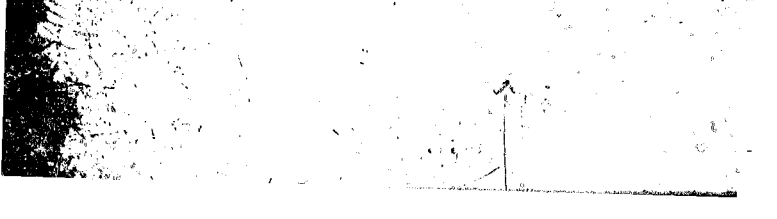
VARIABLE	RAGHLEN	INTHOLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RAGHLEN	136	88.7256	16.3701	29.5157	13.2617	-12.1263	-14.0651	-18.6525	-12.518	-0.278535
INTHOLN	88.7256	136	6.08475	136.5893	9.73621	-8.78234	-17.3939	2.30612	-6.37196	-17.2152
LNWDRL	16.3701	6.08475	136.95	67.8655	-50.8096	-63.9337	5.04656	-67.9982	3.95213	-35.5501
MXLNL	29.5157	15.5893	67.8655	136.979	82.7041	-36.6319	4.09683	-21.6142	16.6569	5.74385
MXWDL	13.2617	9.73622	-50.8096	82.7041	136.847	19.572	0.2928991	38.1598	10.797	15.8041
APXAN	-12.1263	-8.78234	-63.9337	-36.6319	19.572	134.849	-54.3422	8.28093	-18.9872	31.23416
APXPS	-14.0651	-17.3939	5.04656	4.09683	0.2928991	-54.3422	134.476	20.6762	24.7887	-10.86
BSAN	-18.6525	2.30612	-67.9982	-21.6142	38.1598	8.28023	20.6762	135.219	79.7775	8.99217
BSPS	-12.518	-6.37196	3.95213	16.6569	10.797	-18.9019	44.7827	79.7775	134.063	-6.93186
BVINS	-0.278535	-17.2152	-35.5501	5.74385	15.8041	31.2316	-10.86	8.99217	-6.93186	135.178
ASECV	12.0253	-3.72046	31.9987	78.3082	52.4639	-20.3701	-6.3127	5.31428	30.7851	31.8072
PINSV	-1.78568	0.9292089	18.923	42.0988	25.1901	-10.466	2.32563	-4.1713	6.98163	-7.99568
PTLLN	13.0048	10.113	39.0586	89.241	60.1667	32.6959	7.40276	24.1955	24.1548	12.5101
INTLN	29.9687	13.6126	-6.1952	27.9157	35.4105	9.01686	-14.6288	1.33337	2.61328	6.7611
NNR	-6.26098	-21.8277	-35.3716	-21.2458	-21.5925	-25.3227	7.3175	27.4081	20.7987	-11.036
IBRL	-6.22861	-18.5753	-28.1323	-19.1844	-26.133	7.73368	19.2161	46.8527	44.0438	-19.935
OBRL	-4.86303	24.3219	-23.1	-39.7859	-20.0999	10.6548	17.1858	36.7137	36.0602	-21.6106
IBRW	-0.8932866	16.8725	-35.0734	-31.6644	0.8104822	7.25148	21.8236	31.1668	12.2075	-15.059
OBRW	0.61308	34.0033	-17.5016	-26.7521	-8.01086	7.21507	14.342	29.7081	27.215	-28.036
PMXL	-0.0521843	20.437	-36.4428	-62.1438	-10.6586	29.7894	-1.1794	19.9573	14.6198	-11.8987
LBRL	5.811126	21.8887	-17.6122	-29.8866	-2.66934	5.29859	-1.953457	26.3896	28.4788	-10.4912
NFLBR	2.379	21.3182	-17.8683	-41.2212	-32.9705	15.3627	13.4028	31.3201	40.8548	-22.3085
CORLLN	-22.5353	9.09771	-21.1633	-10.33	-17.6969	10.0011	7.60188	2.63496	8.29262	-14.456
CORLWD	0.6065624	20.6179	-16.2892	-6.08705	0.7741109	5.01996	10.3059	4.73881	11.0749	1.98
CORTWD	-22.2145	2.59893	-21.0036	-36.7181	-12.9516	8.13806	12.0629	32.0629	29.1458	-12.1934
LCTPEA	7.10808	14.1509	-24.3478	-33.6317	-14.3734	11.0454	19.0367	16.9947	21.3257	-14.5877
IAFW	1.11782	18.8909	-17.8078	-27.0972	-22.8376	17.2234	16.102	21.7677	24.1913	-30.1814
NFL	-0.8176305	15.0969	-20.1307	-41.9715	-19.9936	2.602677	20.0502	33.027	35.1735	-26.5745
FMXLN	-35.7506	17.0856	-28.1768	-17.0036	-11.102	19.9714	5.527153	16.7388	11.3907	-22.1728
AMXLN	-5.44788	14.7081	-26.6266	-28.1	-3.06853	14.0518	12.6694	29.1736	24.1774	-13.8292
STMOLOL	3.28122	32.974	-24.7629	-9.41372	16.0579	3.21381	7.78233	9.73367	-5.74398	3.9142
VACNOLL	0.4834865	14.9351	-15.1896	-10.8207	-4.1875	1.82099	9.29341	11.7266	4.84633	-11.89831
CRNWND	-9.13066	14.233	-26.2617	-28.9984	-6.4295	-4.21758	15.6574	38.2698	29.725	-16.4092
CRNWND	-14.558995	2.09708	-13.128	-8.70589	10.0863	-5.53936	19.119	23.1927	22.6134	-1.38595
VANGS	20.9395	17.1138	-33.3966	16.0634	46.8793	30.6102	10.7365	25.079	7.85655	60.3586
VANGS	12.6193	-10.8729	-42.9264	32.4989	26.4903	23.6952	1.80703	43.2713	39.8014	16.9791
SHINL	35997	5.04664	112.008	50.7614	-50.5703	-43.6991	-11.9176	25.0212	25.6143	-36.8821
NWRDFND	-.6109	5.89051	30.1837	21.7902	-26.222	-19.5776	-1.5051	-1.7051	-28.1913	21.9048
IBLWR	21876	5.72869	-13.399	-43.2963	-34.8803	8.85316	5.7707	36.1288	45.9167	-9.19108
OBLWR	-12.7548	-1.75681	-19.8861	-38.3584	-22.7972	18.0878	2.69184	31.893	16.4747	23.896
INVLWR	18.1928	-22.852	8.47819	19.4077	18.6313	2.99408	27.9982	-17.191	-11.4678	17.9594
CRLLWR	-21.1206	-6.25481	-10.0907	-29.4095	-17.8611	9.71152	2.48737	-6.11058	3.78655	-20.2305
OSALWR	-6.34809	-0.9290817	-14.98515	-15.9228	-21.9188	16.6587	1.83659	-12.9296	2.30033	-5.68257
CORLAWR	-9.67452	7.51891	-16.3787	-35.3023	-23.1178	15.9896	6.47397	1.70706	6.07774	-13.9068
STLLWR	8.57618	-13.5898	1.18017	-19.9871	-22.6079	8.93514	9.58892	15.162	27.6963	-10.8186
TFLFLR	6.96791	-20.6217	26.1597	47.1906	26.6859	-10.8404	-20.8038	-34.6068	-26.0958	70.2053
INFLWR	-10.1678	-12.1239	-3.00796	11.1884	17.6201	-13.5318	22.8094	29.6943	19.9415	31.5902
LRNFIR	-16.4376	16.9144	-21.354	-43.0311	-24.3632	18.6729	7.6084	30.3015	27.5626	-22.8348
ALFNLR	23.4958	-8.44949	16.9685	35.6581	18.7879	-11.3656	2.87053	-1.30218	9.719	29.8099
LDPTGLR	0.6524617	9.99848	-9.95649	-16.0372	-10.102	8.894	7.98491	5.10729	9.6814	-3.2062

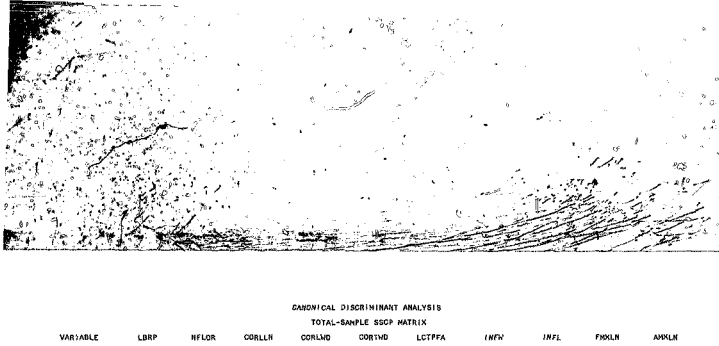


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	NSEGV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PWKL
RACMLEN	12.0C53	-1.78568	13.053	29.0687	-6.26098	-6.22985	-0.86393	-0.893326	0.61308	-0.0521813
INTNOLN	-3.72046	0.929289	30.172	73.6320	21.6377	14.5733	24.3219	18.9725	34.0933	20.427
LRNGRL	31.2981	8.525	39.6584	-6.1968	-19.466	-28.1221	-28.1	-35.0727	-37.5016	-16.4438
MXLNG	28.3082	-8.0988	49.351	27.2157	-59.5710	-49.1846	-35.7859	-51.9684	-20.7431	20.1836
MXDOL	52.4539	29.1345	16.0901	35.8109	-31.6324	-26.333	-20.0699	0.210422	-8.91086	-10.6586
AFKAN	-20.1701	-10.496	-38.6968	9.04886	25.3827	7.15368	10.6598	7.23148	9.21507	29.7894
AFKPS	-6.33127	3.19663	7.68922	-16.6268	7.31297	18.8161	17.6858	21.2936	14.362	-1.1799
BSAN	5.13488	-4.10162	-8.27695	1.52437	27.8681	46.8027	35.7183	31.1868	29.7263	19.9573
BSPS	30.7021	6.08163	24.1538	2.81325	20.7587	44.0438	36.0682	12.2975	27.215	14.8398
SWING	31.8072	7.29562	12.5101	4.76911	-11.0161	-15.9357	-21.6106	-15.099	-26.036	-11.8457
NSEGV	136.962	4.60329	42.0994	-0.2A2117	-10.8616	-13.935	-20.3645	-15.342	-16.9649	13.7288
PINSV	4.60329	136.82	-7.12137	16.8369	-15.6652	-14.0106	-14.0859	-12.1	-14.738	-42.7729
PTLLN	42.0994	-7.12137	132.639	-13.2749	28.4521	27.4626	28.3526	3.35462	32.1531	25.1707
INTLN	-0.2A2117	16.8369	-13.2749	137	2.59697	7.67746	8.49577	22.5808	11.1349	7.7025
NBR	-10.8616	-15.6652	28.4521	2.59697	134.314	114.095	108.344	77.9286	99.6889	114.807
IBRL	-13.935	-14.0106	27.4626	7.67746	114.095	135.028	119.063	77.7008	103.303	100.856
OBRL	-20.3645	-14.0859	28.3526	8.49577	108.344	119.063	138.233	78.7915	119.21	107.414
IBRW	-15.342	-12.1423	3.35462	22.6808	77.9286	77.7008	78.7915	136.993	83.1983	73.7476
OBRW	-16.9649	-14.738	32.1531	11.1349	99.4889	103.303	119.21	83.1983	135.271	96.9484
PWKL	-13.7288	-42.7729	25.1707	7.7025	114.807	100.856	107.414	73.7476	96.8444	133.363
LNRP	0.337329	-39.5928	32.9902	18.291	90.0881	96.7123	88.5614	71.3569	80.686	93.402
NFLGR	-24.6879	-39.8447	29.48	1.A4125	109.496	110.839	112.865	71.9599	100.383	102.871
CORLLN	-0.94634	-36.0158	26.8138	-8.20187	91.0955	72.203	77.5577	58.5766	74.5196	89.3461
CORLWD	0.967196	11.2692	24.7863	18.9365	35.5628	33.9311	23.8105	35.6119	30.8818	29.0012
CORTWD	-9.07163	22.7934	25.9062	17.9129	79.5873	90.8528	86.87	82.5671	77.5909	61.9511
LCTPFA	-13.7097	-34.4911	21.0433	-0.197875	99.6019	102.996	100.125	64.3227	91.1826	95.4782
INFW	-39.7737	-38.0745	31.1647	17.7612	94.1186	90.6965	106.293	65.3931	100.347	100.856
INFL	-12.7365	-61.6209	29.739	10.531	113.342	121.739	113.956	85.1763	102.54	111.759
FMXLN	-21.7188	-32.7916	21.4513	5.84895	87.3408	81.5581	80.4509	50.2709	81.4083	86.214
AMXLN	4.79682	-40.4468	24.2855	15.8274	93.685	101.359	94.7711	68.6986	83.6663	96.664
RTNNOLN	-4.57907	2.21167	-1.4068	7.08542	57.5598	35.8095	29.8453	35.9532	46.0127	46.0127
VAGNOLN	-4.21641	-40.7868	-15.8147	30.3981	5.36951	41.4458	31.7566	33.3296	31.8377	10.1364
CANWND	-11.03095	-29.3929	37.7219	18.5409	78.0667	90.4805	82.2206	68.79	75.2813	61.6381
CANWWD	18.0985	3.41569	21.451	20.3478	36.7181	41.6182	34.8392	53.1599	31.0909	34.9461
VANGS	38.5683	12.3169	-15.8278	12.9518	-2.01034	-6.87964	-10.6886	-6.47023	-9.92965	3.34149
VANGD	20.5318	2.73693	16.5292	-4.63773	43.5386	39.4183	40.7836	51.8965	38.4843	39.7011
SHLNL	32.5194	12.792	39.4677	-13.0833	-29.6548	-11.0663	-12.5518	-30.945	-11.6177	-31.4138
WWNOFRO	32.9968	35.9509	14.9497	4.50923	107.584	107.984	110.975	73.4963	101.1	101.964
IBLWR	-10.8603	-43.0536	32.6273	-5.31877	98.7571	110.841	99.7855	65.6905	78.5838	82.2394
OBLWR	-12.1757	-17.3912	14.09021	-3.62719	29.081	33.9371	38.1164	13.0165	23.6207	28.5661
INVLWR	27.167	15.373	-6.05721	-17.3397	-15.8447	-26.9951	-43.7499	-28.1726	-48.7078	-22.6797
CRLLWR	-1.78382	-40.2948	12.1	-17.6876	59.1685	56.6896	60.8228	27.3225	54.4711	69.8898
CORLNR	-11.0602	-11.4714	-10.5629	-15.3083	36.0777	27.3151	33.704	-9.26702	31.9943	30.9631
CORLRWR	-29.9094	-36.5537	8.13295	-8.95466	75.0636	67.441	74.2536	22.6703	69.7323	72.9302
STLLBR	-3.20807	23.5572	8.63348	10.83142	19.0593	48.6104	45.8981	3.61479	38.4791	28.905
TFLPLR	32.3618	10.7238	-20.4681	0.30669	-102.584	-110.684	-108.346	-90.5946	-100.738	-96.632
INFLWR	36.7911	13.7382	7.44609	-12.5885	-55.1939	-43.7421	-60.341	-36.9627	-63.8429	-41.8315
LRNFWR	-20.7401	-39.2385	25.1788	-2.66093	102.583	108.939	108.083	78.0975	91.8091	105.85
ALTWLR	17.6594	15.7552	-16.5219	9.04119	-92.3382	-93.4254	-94.6091	-72.5565	-82.7555	-77.737
LCPFCLR	-20.3466	-7.4097	-8.51968	-7.13952	35.5621	37.2065	38.6866	11.5458	32.9438	25.7912





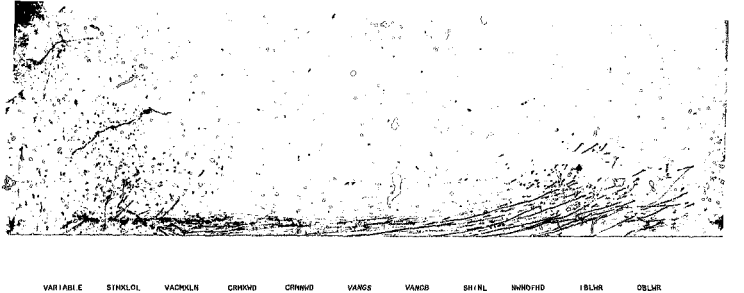
CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORTWD	LCTFFA	INFW	INFL	FMXLN	AMXLN
RACBLEN	5.01126	-7.329	-22.5357	0.606589	-29.2185	-7.10808	3.41962	-0.837684	-15.7506	-5.44788
INTRDLN	33.4281	21.3182	5.09571	26.6179	3.52823	14.1909	19.6969	12.6469	17.0058	6.74801
LNWDRL	-17.6187	-17.8683	-21.7633	-16.5849	-31.0934	-24.3478	-17.6074	-29.3007	-28.1783	-26.5F.4
MXLNR	-24.8866	-17.6212	-30.33	-6.08749	-39.7121	-25.6317	-17.0472	-34.9715	-37.0026	-28.5578
MXWDL	-9.66934	-32.9705	-7.57068	13.2056	-12.4919	-14.5734	-22.8578	-19.362	-11.102	-3.06853
APXAN	9.24034	15.3827	10.0011	0.1741B9	4.12806	11.0454	17.0236	14.0918	15.9711	10.0518
APXPS	1.93347	13.9028	7.60188	5.01996	13.8359	15.0307	16.162	7.60247	3.92753	12.6654
BSAN	26.3896	31.3901	2.63686	10.1059	32.0624	16.9947	21.7677	32.8902	16.7388	28.3736
BSPS	28.4724	40.8584	6.29822	4.73861	17.4351	21.3267	26.1843	33.027	11.3907	26.1779
NYIRS	-10.4972	-29.3825	-14.1458	11.0740	-12.8899	-14.5877	-10.1873	-15.3733	-22.1749	-3.82852
NSECV	0.337324	-24.6879	-0.44654	0.967196	-9.07763	-12.7097	-29.7937	-12.7365	-21.1188	4.79682
PINSV	-39.6922	-39.6047	-36.0158	-11.2692	-25.7934	-34.6911	-38.0783	-41.6209	-32.7946	-45.4066
FYLLN	32.2922	29.167	20.4153	26.7963	23.9002	21.0433	21.1847	25.739	32.4513	34.8255
INTLN	12.291	4.94125	-8.20127	18.9365	17.7189	-0.197826	12.7812	10.541	9.94845	15.8276
NBR	90.0859	109.798	91.9055	39.6628	79.5673	99.0019	94.1186	113.348	87.2484	92.683
IBRL	96.7123	110.839	73.203	43.9311	90.8928	102.996	98.0963	121.739	81.5541	101.359
OBRL	88.5814	111.257	77.5917	23.8702	80.87	100.129	106.293	113.556	86.4909	94.9711
IBRW	71.3569	71.9559	48.5746	15.6119	62.5673	64.3227	65.1933	85.1763	50.2709	68.6896
OBRW	80.866	100.383	74.5186	30.8818	77.2969	91.1806	100.347	102.54	81.4033	93.6665
PMXL	95.403	102.871	89.3461	29.0012	81.9373	95.9702	100.356	111.759	86.734	96.664
LBRP	132.127	97.9474	70.0832	59.1993	81.0586	75.9564	69.868	99.8254	68.9485	88.7667
NFLOR	87.4474	134.654	63.5223	16.4248	76.8691	89.1826	109.964	110.981	72.3976	86.5656
CORLLN	70.0632	63.5223	137	23.4963	69.0021	92.54	73.2283	88.9188	99.6171	99.6475
CORLWD	29.3993	16.4248	23.4963	136.899	51.9928	19.4968	23.4871	26.6167	34.3041	15.1151
CORTWD	81.0586	76.8691	69.4002	51.9928	136.561	60.1313	66.5608	81.6468	58.5109	72.8094
LCTFFA	75.9502	89.1826	92.49	19.4928	60.1313	136.486	108.841	116.549	100.407	103.321
INFW	84.868	109.964	73.2283	25.4811	66.5608	104.841	136.486	112.927	97.3457	98.8088
INFL	99.8254	112.981	89.9188	30.6147	81.6468	117.549	112.927	142.387	86.2032	113.109
FMXLN	68.9485	72.3976	99.6171	30.3441	60.5109	100.487	91.3457	92.2032	136.559	88.1454
AMXLN	88.7667	86.5656	99.6475	15.1151	72.8094	103.321	98.8088	113.109	88.1454	136.719
STMXLOL	37.852	18.6695	50.2905	38.8821	18.5501	29.0129	9.58638	37.3061	36.6873	39.4054
VNOMXLN	15.4725	29.6978	-1.64783	-27.724	30.1146	25.0059	41.1799	35.431	8.07645	34.0005
CRMXWD	85.5751	69.3663	99.2606	50.3018	117.895	87.2043	94.0698	79.4749	89.8086	69.4489
CRMNWD	35.0829	29.2079	19.1193	61.8866	75.0869	8.14287	11.9974	31.0962	0.8069E5	25.1359
VANGS	7.14303	-14.8349	-1.84695	8.92318	-15.1368	-0.0773669	-13.341	-1.89336	-4.82698	-8.49701
VANGB	28.9669	31.1167	45.813	23.612	30.9831	39.2991	24.8977	29.8304	38.6511	40.0159
SHINE	-12.3817	-2.91198	-29.142	-19.1317	-26.0575	-21.3211	-13.1599	-18.3852	-27.0574	-22.6714
NWNDFIID	-84.6193	-105.796	-78.0759	-61.7893	-95.9083	-107.5	-107.5	-88.3958	-87.4514	-87.9034
IBLNR	73.1579	94.1387	60.586	8.662E6	59.6566	87.1107	83.9737	96.0436	71.4757	80.251
OBLNR	20.2182	11.9492	16.141	-5.57886	23.737	20.8574	15.1769	10.5285	21.7535	23.4279
IRVLNR	19.0236	33.2155	4.6673	-9.52911	-27.2266	-18.0414	-67.5688	-22.7459	-16.8137	-12.0533
ORLLWR	50.639	50.7076	116.946	49.0002	39.9776	75.583	94.5988	64.8858	74.3369	90.081
CORLWR	9.15098	30.0952	55.3969	-11.7857	-17.7059	24.0393	56.7162	31.8194	66.9897	51.0436
CORLNWR	52.8193	67.6088	82.7516	-15.7041	18.609	106.469	86.0156	87.1552	95.4225	86.6041
STLLNR	57.8108	53.088	18.9061	-13.9402	26.4836	54.4231	68.1455	59.5881	31.7083	45.0489
TFLPLR	-90.0044	-96.9129	-59.0759	-21.6999	-80.6626	-76.3476	-88.5147	-96.0795	-68.0917	-77.1268
IRFLWR	-34.1629	-51.647	-15.0852	-10.6576	-27.8666	-49.5485	-96.0905	-43.9008	-40.3313	-32.1918
LRWFHR	84.4511	103.086	86.3498	16.9668	84.1179	99.386	100.357	111.053	87.9578	96.1739
ALFWLR	-98.1945	-92.0548	-59.2846	-34.9231	-94.4553	-95.2849	-59.5371	-111.196	-87.699	-92.9498
LGFFOLR	10.0867	38.8747	6.98442	-1.64691	-3.54072	90.2306	57.8858	52.1449	36.8456	25.1501

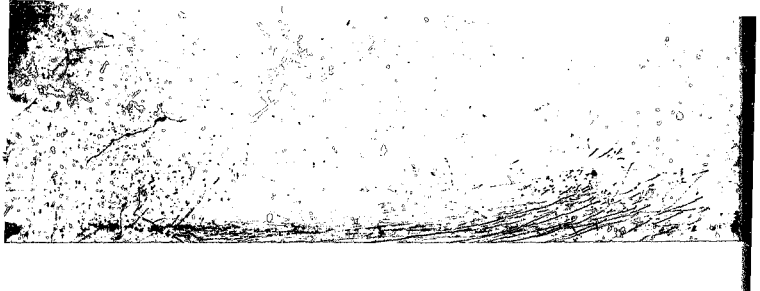
CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX



VARIABLE	STNKLOL	VACMKLN	CRNKWD	CRNNWD	VANGS	VANGB	SH!NL	NWNGFHD	IBLHR	DBLHR
RACHLEN	3.28122	0.883645	-9.13066	-0.558929	20.9395	-32.4389	4.39997	53.6109	-9.21176	-13.7549
INTKOLN	32.971	-14.9351	14.2331	2.09708	17.1139	-10.3734	5.04664	5.89851	5.72869	-17.9561
LNNDRL	-24.7689	14.1256	-26.2037	-15.122	-33.3965	-7.52694	-19.702	30.1817	-12.299	-19.4251
NXLNL	-9.91372	-10.2207	-38.9634	-2.70589	15.0634	-1.24069	50.7614	-1.3731	-43.2465	-38.4586
NNNDL	16.0979	-21.4875	-6.4896	10.0662	46.8793	36.4903	-50.5703	-21.7905	-34.8853	-22.7937
ACHAN	3.21381	1.82039	-4.21768	-6.52952	30.6102	2.60858	-43.6901	-28.227	6.86316	12.6272
ANXPS	7.18233	3.59041	19.0576	19.115	-18.7553	1.29709	-11.9178	-15.6778	9.7707	3.69185
BSAN	9.75587	11.7265	36.2638	22.1537	25.079	43.8273	-35.0212	-37.0051	46.1228	13.893
BSPS	-5.14398	4.86823	69.725	22.0136	7.85859	39.2014	25.6183	-26.1953	25.9167	16.6767
SWINS	3.9182	-1.89031	-16.4092	-11.3895	60.3524	16.937	-36.4821	21.9468	-9.70108	23.926
NSTCV	-14.57807	-4.21641	-1.03059	19.0408	38.5823	20.5318	32.9184	12.8988	-10.8683	-12.1757
PINSV	2.31187	-8.7868	-29.3929	3.31555	18.3169	-2.71691	12.792	35.9568	-43.0536	-17.3912
PTLIN	17.1868	-15.8197	17.7419	11.9571	19.4878	16.3252	39.4877	-17.9407	32.0871	-14.6597
INTLN	7.105522	30.3891	18.2495	20.3478	12.9518	9.457733	-13.0073	4.509894	-35.5177	-3.63719
NBR	57.6509	5.98051	78.0667	32.7154	-2.01634	43.5126	-97.4595	-102.594	94.7571	29.681
IBNL	35.0795	41.9458	94.1805	47.1182	-5.87964	39.4123	-11.1841	-107.984	110.841	33.9371
OBNL	29.8453	31.5868	*82.2806*	39.2399	-10.8888	40.7836	-12.5913	-110.975	99.7859	36.1164
IBNN	55.6234	33.5844	88.59	53.1399	-6.47021	23.5726	-30.795	-73.4952	115.6905	-13.0105
OBNN	35.8932	21.8377	75.6514	31.0905	-9.92525	14.8983	-11.6177	-100.181	78.5632	-23.6207
PNXL	46.0127	10.1564	81.6381	32.9863	1.95749	39.7011	-31.0134	-101.09	86.2339	26.5661
LBRP	17.862	15.4725	84.5751	35.0825	-7.18303	28.0665	-12.2617	-84.6193	73.1579	20.9182
NFLOR	16.6095	29.4676	69.3663	29.3073	16.3389	31.1167	-2.31894	-106.746	96.1387	21.9672
CORLLN	59.2805	-1.69703	99.2606	19.1107	-1.20895	45.813	-29.198	-78.6799	60.286	16.443
CORLWD	38.8851	-27.726	50.3018	61.8866	8.42316	25.672	-12.1277	-22.6125	8.66256	-5.57886
CORTHD	18.5501	30.1186	117.895	75.0269	-15.1368	30.9811	-36.0575	-67.7693	59.6566	23.737
LOTPPA	29.8729	29.6099	97.2819	8.70887	-0.07733868	59.2941	-21.3211	-95.5025	87.1181	20.8574
INTW	9.58608	41.0796	56.0694	11.9174	-13.341	24.9877	-13.3599	-107.7	83.8737	15.1769
INTL	37.3051	15.7131	79.1149	31.9968	-1.89334	39.8508	-18.1852	-105.283	96.0012	30.9265
INNLN	36.6972	8.07645	69.8986	0.806995	-4.82696	39.4511	-27.0574	-88.9458	71.7435	21.7335
ANXLN	39.4054	38.0005	69.4489	25.1355	-6.89781	42.0259	-22.8714	-87.9519	80.251	29.4279
STNKLOL	136.253	-32.0576	46.8184	40.9263	10.2994	27.5416	-28.1769	-22.5073	7.71107	0.884288
VACMXLR	-32.0576	136.88	17.6321	4.397	-8" '	-28.22	11.5082	-36.6052	27.7694	13.1865
CRNKWD	46.9184	17.6321	182.166	80.736	24.9915	38.2398	-35.7624	-91.1379	75.7643	31.3874
CRNNWD	40.9243	4.397	80.736	136.999	-5.36974	15.0014	-2.85196	-28.5471	24.1082	9.940916
VANGS	10.2994	-8.92199	-15.7267	-5.36974	136.996	30.9355	-39.5259	14.0045	-5.43189	-9.31899
VANGB	27.5614	-22.22	24.9615	15.0014	30.9355	136.71	23.4393	-43.9284	36.0583	16.5749
SH!NL	-28.1769	11.5082	-18.7982	-2.84196	-39.5259	-23.4393	136.774	15.5416	-5.96758	-10.2582
NWNGFHD	-22.5073	-36.6052	-75.7696	-28.5471	14.0045	-43.9284	15.5416	136	-91.1862	-27.4205
IBLHR	7.71107	27.7694	53.3276	24.1082	-5.43189	36.0523	-5.96758	-91.1862	134.075	52.1624
DBLHR	0.884288	13.1865	17.9487	9.940916	-9.31899	16.5749	-10.2582	-27.4205	52.1624	135.308
INVLHR	19.3679	-40.1038	-21.703	-6.5987	9.29792	12.9523	-2.8731	45.7649	-9.77537	17.5368
DRLLHR	28.5825	11.2557	30.0727	-12.0481	-0.68136	29.0803	-15.7734	-61.5289	53.3882	17.5317
CORLHR	8.960868	6.69695	-61.8283	-52.2009	11.6041	22.7087	-3.7496	-33.0827	42.2841	8.89045
CORLNHR	15.6927	17.8191	9.09592	-57.1686	-1.80161	32.3134	-19.7157	-71.6851	64.2186	16.4543
STLLOR	-95.5666	50.2186	5.71645	-23.3095	-7.96548	-0.2764B5	11.0655	-45.7283	53.1568	9.09107
TRLPLR	-81.0643	-16.6316	-81.2952	-41.1599	16.3403	-33.1928	10.995	100.755	-88.7548	-17.8692
INFLHR	18.2928	-46.2132	-15.3387	6.36379	9.80835	6.99517	-6.16751	70.0892	-36.03	18.9825
LBNFHR	25.0819	30.7792	75.1212	29.3779	9.97967	32.1066	-9.71816	-118.231	90.2907	29.9567
ALFHLR	-10.1856	6.72518	-8.93555	18.7751	4.86549	-20.7371	19.6101	53.5671	-38.4432	-18.7295
LOPPLR	-18.7292	20.599	-24.3884	-30.0683	4.84851	1.17594	-6.40483	-39.9398	46.4048	12.8836

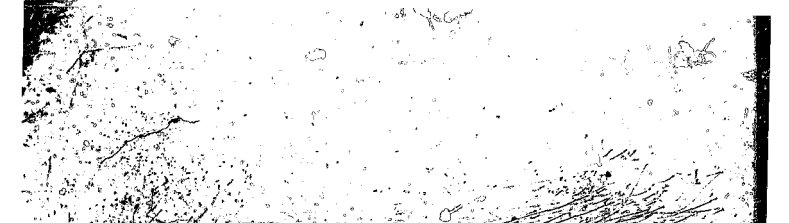




CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	INVLNR	CRLLNR	CORLNR	CORINNR	STLLBR	TFLPLR	INFLNR	LBNFNR	ALFNLR	LOPFCLR
RACHLEN	-18.1938	-21.2284	-2.54409	-9.67053	2.57418	6.06791	-10.1634	-16.4574	23.4556	0.6528461
INTNDLN	-22.87	-6.29461	-0.920817	7.51897	-13.5858	-20.6217	-19.1919	18.9184	-6.44549	9.90868
LNWDRL	2.67419	-19.5807	-4.96513	-14.3782	-1.48017	26.7597	-3.00796	-21.294	16.9685	9.70469
HKLNL	14.6077	-25.8895	-12.9226	-35.3423	-19.9871	47.1906	10.1884	-43.0311	35.6861	-18.0372
KKKKCL	12.6213	-17.6767	-7.9108	-23.1179	-22.6076	36.6859	17.4051	-24.3143	16.7879	-10.102
APXAN	2.95808	9.71752	16.6587	15.4896	8.53519	-10.8609	-13.5312	18.6724	-11.5856	8.894
APXPS	-27.1922	2.48737	1.83859	8.47397	9.59592	-20.8034	-22.8048	7.6284	8.87053	7.98891
BSAN	-17.141	-6.41052	-12.9296	1.70706	15.162	-34.6068	-14.2901	30.3015	1.30218	5.10729
BSPS	-11.5878	1.78859	3.50035	-6.07719	27.69651	-28.0068	-16.8475	21.5626	9.719	9.9214
SVINS	12.4599	-20.2305	-8.88257	-13.9068	-10.8366	10.2053	31.5902	18.8349	24.8249	-3.1062
NSECU	23.1167	-1.7832	-11.0602	-25.3094	-5.24007	32.8618	36.7911	-4.7041	17.6526	-20.4466
PINSV	15.373	-40.2958	-11.0716	36.9537	-23.9572	46.2934	13.7382	-39.2363	16.7552	-7.4097
PTLCN	-6.25811	17.7	11.5429	9.13955	8.63338	-8.2067	-7.44209	25.9184	-21.6158	9.9214
INTLN	-17.3397	-17.6874	-15.3025	9.82464	10.2342	0.30864	-12.5285	-2.60985	5.04119	-7.1952
NBR	-15.2847	59.1685	36.0777	75.0636	19.0502	-102.564	-25.1939	106.583	-49.4896	59.4621
IBRL	-24.5951	56.6886	27.1351	67.441	24.6104	-110.608	-43.7421	108.939	-33.5254	37.365
CBRL	-43.7499	60.8229	23.708	74.2936	45.8981	-108.345	-60.341	108.083	-46.6091	30.4668
IBRW	-38.1108	62.2325	-2.26702	32.6703	3.61479	-60.9996	-36.9627	72.0093	-12.3584	11.519
CBRW	-48.7078	54.4711	31.9443	69.5123	38.4791	-105.738	-69.8495	96.2097	-42.7555	32.943
PWXL	-26.6727	49.8898	23.9631	52.9302	28.905	-95.632	-41.8316	105.25	-39.737	25.7915
LBRP	-19.0238	30.639	9.15098	53.2155	27.8102	-90.0044	-36.1629	88.4511	-18.9249	10.0867
NFLOR	-53.2153	50.1074	10.0052	67.8088	33.008	-99.8729	-61.037	103.086	-32.0528	28.0747
CORLLN	9.6673	116.446	55.3969	82.7316	12.9061	-59.0759	-15.0852	86.3498	-55.8846	8.98482
CORLWD	-9.59911	44.0022	21.7857	53.7041	13.9092	-81.6999	-10.6576	16.9488	-34.9237	-1.126491
CORTWD	-87.2866	35.8774	37.7059	18.609	26.3634	-80.6628	-87.8566	89.1173	-24.3324	-3.56072
CLTXPA	-18.0419	75.5891	39.6343	106.1409	58.6835	-76.3476	-45.5405	99.386	-59.2869	98.2306
INTW	-67.3688	94.5988	56.7362	86.0156	68.1455	-85.5197	-95.9905	100.357	-50.7371	57.8858
INTF	-22.7959	84.7	60.5194	82.5	58.5825	-94.8749	-43.9004	111.053	-39.1196	52.1945
INFLN	16.4137	14.99	22.0897	22.4225	31.7983	-68.0917	-40.9331	87.9578	-109.699	36.8456
ANKLH	-12.0533	8 31	31.0436	86.604	34.0469	-77.1268	-32.4918	86.1739	-16.7996	25.157
STRKLDL	19.9679	26 15	9.96062	24.6587	-95.5666	-41.6618	29.2908	29.0819	-10.7896	-18.7252
VACNKLH	-49.1038	11 57	6.62699	17.8194	50.2186	-16.6316	-46.2132	30.7792	6.72316	20.5504
CRNKWD	-81.703	11 57	-21.8223	9.09599	5.71606	-84.2592	-16.1387	73.3311	-8.931255	-24.1584
CRNKND	-6.5987	-12 481	52.2005	-67.1662	-23.3005	41.1589	6.36379	29.3774	16.9797	-30.0643
VANGS	9.25792	-6.2138	11.1561	11.20163	-5.06548	16.3403	9.808859	-41.97487	14.84549	4.84549
VANGD	12.9523	29.0603	22.7487	38.3134	-0.276645	-33.9482	6.85917	32.1046	-20.7371	1.17599
NBTNL	-5.2731	-15.7734	-7.896	19.7727	11.0656	10.995	-9.71616	23.1	1.4	-40.0083
NWNGFHD	49.7446	-61.5229	31.0497	-71.605	-45.7283	100.755	70.0092	-118.231	53.5671	-39.9398
IBLNR	-9.77537	13.3862	4.66841	8.6	15.1568	-25.7548	-36.03	29.2997	-18.4432	40.0788
OBLNR	17.9368	17.5317	8.89845	16.0343	9.09107	-17.0692	18.9425	29.9547	-16.7285	12.2836
INVLNR	136.996	9.69957	0.850833	-11.9291	-41.393	87.9116	105.062	-28.3793	14.2825	-21.9766
CRLLNR	9.68957	136.971	62.3504	84.4526	18.6831	-44.5725	-6.96986	72.5038	-33.3177	6.19002
CORLNR	0.850833	62.3504	136.991	96.325	35.8828	-12.0968	-29.7104	36.6222	-69.952	76.3348
CORINNR	-11.9291	84.4526	96.325	138.582	52.1957	-52.8943	-42.2458	72.9911	-61.3016	63.3438
STLLBR	-41.393	18.6831	35.8828	52.1957	139.962	-20.833	-51.5218	92.996	-16.7094	56.2107
TFLPLR	87.9116	-44.5725	-12.0968	52.8943	-20.833	133.687	60.6322	-88.1728	28.3184	-14.0936
INFLNR	108.062	-6.96986	-29.7104	-42.2458	-51.9218	60.6322	136.931	-85.4676	31.6943	-41.8945
LBNFNR	-28.3793	72.5038	36.6222	72.9911	-85.3728	-85.4676	-85.4676	136	-85.9118	34.5978
ALFNLR	14.2825	-33.3177	-69.952	-61.3016	-16.7094	28.3184	31.6943	-82.9118	136.928	-82.0201
LOPFCLR	-21.9766	6.19002	76.3348	63.3438	56.2107	-14.0936	-41.8945	34.5978	-82.0201	136.86

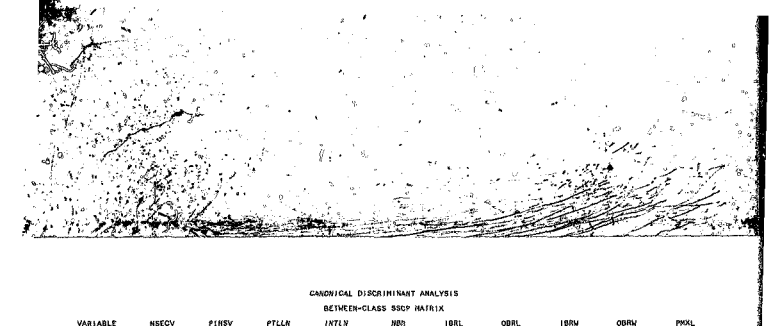


CANONICAL DISCRIMINANT ANALYSIS

PCT/FEN-CLASS SSCP MATRIX

VARIABLE	RACMLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACMLEN	10.3696	3.76623	12.1561	13.9905	3.50237	-2.9156	1.42174	-6.51413	-2.25119	3.3813
INTNDLN	3.76623	7.43113	-0.652869	-3.9758	-2.70305	1.92448	4.46498	2.76582	2.59008	-2.89038
LNWDRL	12.1561	-0.652869	18.1314	23.1074	5.20847	-5.8923	-1.50861	-11.759	-5.17664	7.87188
MXLNL	13.9905	-3.9758	23.1074	29.9461	9.9963	-7.3582	-3.32936	-15.5941	-7.55711	10.0235
MXWDL	3.50237	-2.70305	7.29847	9.9963	3.60108	-2.61549	-0.91758	-5.44082	-2.5199	3.76294
APXAN	-2.9156	1.92448	-5.8923	-7.3582	-2.61549	1.87921	1.22282	3.93694	2.03136	-2.6404
APXPS	1.42166	4.46498	-1.50861	-3.32535	-0.91758	1.22282	2.66143	2.33113	1.83347	-2.12459
BSAN	-6.51413	2.76582	-11.759	-15.5941	-5.44082	3.93694	2.33113	8.27609	4.19311	-5.48191
BSPS	-2.25119	2.59008	-5.17664	-7.55711	-2.5199	2.03136	1.83347	4.19311	2.33465	-2.96445
SVINS	3.3813	-2.89038	7.87188	10.0235	3.76294	-2.6404	-2.12459	-5.48191	-2.96445	3.7972
RSCGV	0.993738	-7.26963	7.29843	11.4684	5.15997	-3.41308	-4.66509	-6.65142	-3.35259	5.32215
PINSV	7.7826	-6.27351	14.9121	22.6985	8.43777	-5.90218	-4.71356	16.3867	8.07119	8.05094
PTLLH	-8.22026	0.9497115	-12.3912	-15.6377	-4.94078	3.71752	1.02851	7.95865	3.68043	-4.923
INTLN	7.67089	3.07693	8.3406	9.153977	1.99301	-1.75911	1.77634	-4.04266	-1.10832	1.89207
NBR	-18.1775	-14.0636	-37.9073	-51.9273	-19.1692	13.9887	10.4931	28.2664	15.1369	-19.1487
IBRL	-13.7394	-16.6827	-32.5958	-46.1123	-17.9561	14.9765	11.6514	25.786	14.4889	-19.2916
OBRL	-12.2154	-16.0926	-32.4212	-46.3672	-18.3599	12.6813	12.1909	26.0489	14.2581	-18.7315
IBNW	-5.25852	-13.1371	-18.4172	-27.3256	-11.9317	7.73013	8.86901	15.7474	9.04094	-11.6098
OBRW	-8.98703	-18.5238	-28.0434	-41.0388	-16.8033	11.171	12.4702	23.4196	13.758	-17.1963
PRAL	-15.3469	-13.96	-34.0185	-47.1671	-17.5019	13.8165	9.70435	25.171	14.1586	-17.8162
LBRP	-11.1335	-13.0495	-27.7217	-39.1237	-13.7779	10.5601	9.74035	21.7725	12.1935	-15.4558
NFLOR	-10.9193	-16.2357	-30.6322	-44.1766	-17.1109	12.181	12.1629	24.9691	14.1987	-16.0927
CORLLH	-21.9963	-3.05637	-33.9233	-43.9011	-14.1196	10.4879	3.87198	25.3356	10.5449	-14.1183
CORLND	-6.4855	3.53345	-12.3316	-16.5567	-5.90795	4.23862	2.80965	8.87359	4.5958	-5.96662
CORTHD	-14.1057	3.00833	-28.0846	-37.9979	-12.9001	9.5251	7.00575	20.3086	10.7868	-13.9368
LCTPFA	-11.5496	14.2232	-28.1362	-40.0125	-15.5357	10.8059	9.99096	22.2757	13.4848	-15.8215
NPW	-5.9654	12.9766	-25.5258	-38.6913	-16.3407	11.1592	13.7992	22.5997	13.8361	-17.0689
FRFC	-12.8304	16.3888	-31.5134	-44.6817	-17.4605	12.1169	11.1465	24.9491	14.0644	-17.7926
PRKLN	-15.5961	11.5913	-32.1018	-44.9599	-16.182	11.4432	8.67267	23.8236	12.9005	-16.3407
AMKLN	-13.4453	10.9478	-28.4772	-39.1389	-14.5384	10.2752	8.1067	21.3529	11.992	-14.7429
STPWLDL	-10.9482	1.285596	-20.8153	-30.8193	-8.730118	5.01788	1.75862	16.6966	5.013131	-6.732301
VACWKLR	0.07897	9.43066	5.68897	4.0661	-0.838637	-0.0200608	5.12786	-6.670876	1.37316	-1.07979
CRMWAD	-13.9715	8.55956	-26.7259	-34.167	-13.0672	9.240422	6.6009	19.5034	10.2383	-13.2368
CRMWHD	-7.18342	0.56447	-10.9076	-13.8192	-4.90336	3.30187	1.00967	7.05783	3.25771	-4.39188
VANGS	5.95361	1.77904	7.28209	8.93158	2.9043	-1.82791	-1.04677	6.4417	2.33465	-2.83658
VANGB	-10.1057	1.12934	-17.3298	-22.6048	-7.70329	5.02456	2.88243	11.0872	5.87262	-7.74038
JHINL	10.1557	0.0566333	14.8165	18.5061	5.71696	-4.30132	-0.881641	-9.33276	-4.76557	5.68099
NWNDTHD	11.8614	-15.3033	24.1368	34.1092	12.3407	-8.64486	-10.6413	-25.1292	-14.8696	18.7266
IBLWR	-12.7815	13.9094	-29.9268	-41.1129	-15.6962	10.9838	9.99037	22.7181	12.536	-15.9594
OBLWR	-9.86769	-0.9696646	-13.6447	-16.7403	-4.96377	3.83423	0.868394	8.30909	3.540856	-4.90744
IRVLWR	-9.11795	-16.9016	0.2840026	5.75366	5.52186	-5.02373	-9.8139	-5.37692	-5.39743	9.93937
ORLLWR	-17.3154	0.8709298	-26.0399	-32.6371	-10.3591	7.79934	2.11812	16.702	7.68691	-10.3199
CORLWR	-3.04464	5.8208	-9.13501	-13.2975	-5.40513	3.69939	3.93847	7.56289	4.41438	-5.58787
CORLWHR	-8.98599	11.9879	-22.7674	-32.1395	-12.67	8.78588	8.3565	18.0835	10.2134	-12.9135
STLLBR	2.51158	10.5356	4.79836	9.39053	-5.23898	3.84816	6.40406	6.28005	4.67926	-4.94859
TPLPLN	10.5211	-11.7422	19.8298	23.0701	17.2994	-11.8893	-12.8276	-24.3387	-12.9733	12.5731
INPLNW	-8.59783	-20.5917	3.89936	11.4863	8.09281	-4.786	-12.1267	-8.79377	-7.3645	8.59108
LBNPHW	-18.0108	14.3827	-29.6251	-41.6709	-16.2601	11.3179	10.5177	23.3252	13.0898	-16.5818
ALTMLR	10.8497	-6.87995	21.9085	28.9839	10.496	-7.48678	-5.31004	-15.6255	-8.8137	10.6164
LOPFCLR	4.10127	11.0336	-2.86839	-7.1432	-4.65346	2.76957	5.57401	5.21853	4.28851	-4.91983





CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

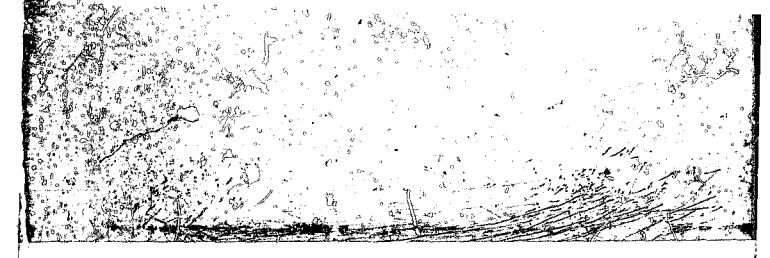
VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBN	IBRL	OBRL	IBRW	OBRW	PMXL
RAGNLEN	0.993738	7.7826	-8.22026	7.87089	-18.1775	-13.1394	-12.8154	-5.25842	-8.98703	-15.3454
IATANLN	-7.26903	-6.37041	0.869715	3.9582	18.0636	16.627	18.0926	13.3771	18.5258	14.38
LNWORL	7.29843	16.5121	-12.3912	8.3406	-37.9073	-32.5952	-35.4212	-18.4172	-28.0434	-34.0185
MNLNL	11.4684	20.6305	-15.6371	9.15327	-51.9872	-46.1123	-46.3672	-27.3256	-41.0128	-47.1673
MXWDL	9.15947	8.43777	-4.94078	1.92933	-19.1892	-17.9561	-18.3594	-11.0117	-16.8033	-17.7855
APXAW	-3.61308	-5.96818	3.71792	-1.75911	13.5887	12.4765	12.6813	7.73813	11.471	12.5019
APXPS	-4.66509	-4.71258	1.02951	1.77654	10.4031	11.0239	12.1004	8.86901	12.4702	10.4365
RSAN	-6.85162	-12.1987	7.95865	-4.04864	29.2564	25.706	26.0489	15.7624	23.4794	25.21
BSPS	-4.35259	-6.67119	3.64043	-1.10889	15.1369	14.4492	14.8581	9.80884	13.758	14.1386
SPISE	9.32213	8.55409	-4.9823	1.88027	-19.1487	-18.2916	-19.1251	-11.5988	-17.1983	-14.962
RSECV	9.36693	11.9096	-4.94571	-0.5913262	-28.82	-27.2192	-28.3299	-17.0233	-27.3283	-25.6896
PINSV	11.5096	19.285	-11.1783	5.628927	-45.8631	-41.1469	-42.1086	-26.2464	-38.6073	-40.6878
PTLLN	-4.94571	-11.1783	8.38389	-5.61063	25.6619	25.0707	25.5988	16.5733	24.5931	23.1031
INTLN	-0.5913262	5.628927	-5.63843	6.171195	-30.162	-26.2662	-25.3097	-11.3869	-21.9832	-18.1783
NBN	-28.82	-43.8631	25.66438	-30.162	99.7182	93.2112	95.4104	59.2353	89.4104	92.4177
IBRL	-27.2393	-41.1465	22.0707	-26.2662	93.3112	89.4527	92.1348	58.3575	85.5368	87.3167
OBRL	-28.3299	-42.1086	25.5945	-25.3097	95.4104	92.1348	95.1033	60.8356	88.6605	89.5387
IBRW	-19.0233	-26.0468	16.4748	-11.3869	59.3113	58.5575	60.8356	39.6578	57.8119	56.1588
OBRW	-27.3283	-38.6079	24.9931	-21.9832	87.3381	85.5368	88.6605	57.8119	83.3005	82.4232
PMXL	-25.6894	-40.6828	23.0311	-18.1783	92.4177	87.3167	89.5387	56.1588	82.4232	85.9812
LBRP	-22.8549	-36.7728	19.7704	-15.9413	78.8725	75.4854	77.7101	49.5163	72.0761	73.7551
RFLOR	-26.0036	-40.6529	20.7643	-9.37467	92.0531	89.3713	92.1967	59.3814	86.3976	86.5737
CORLLN	-15.6207	-21.1996	22.9544	-14.1417	73.3986	64.1532	64.1908	37.477	56.2265	66.2283
CORLWD	-7.76514	-13.4707	8.3169	-3.88768	30.695	28.2377	28.719	17.5584	26.0101	28.2615
CORTWD	-18.6387	-31.1043	18.9838	-8.84833	71.7896	66.1783	67.7025	41.7255	61.5999	66.1116
LCTPA	-23.1671	-35.5944	19.1666	-5.52448	80.7325	77.2996	79.5813	50.3208	73.8276	75.5056
IWPW	-28.625	-38.2503	17.3107	-0.457943	86.3377	85.1881	89.7912	54.0995	85.2814	82.1086
IWFL	-30.6238	-41.0185	21.3178	-5.82665	90.7369	87.1196	89.7134	57.1356	83.1489	84.5997
FMXLN	-22.373	-36.8084	21.7313	-8.81836	83.8208	78.8716	79.978	49.6136	73.1068	77.626
AMXLN	-20.5007	-33.8274	19.2784	-7.42092	75.5425	70.8766	73.5876	45.1946	66.1487	70.0895
STMXLOL	-7.15278	-15.2908	11.0433	-7.0395	36.9579	30.4788	30.6599	17.5862	26.6129	31.9344
YACMXLR	-6.65809	-2.80967	-1.83867	7.90826	9.35546	9.49829	11.6197	10.369	13.5247	6.14025
CRMXWD	-17.6814	-29.8649	18.091	-7.93366	67.9976	62.9909	64.2047	39.5233	58.9016	62.7762
CRMNWD	-4.15089	-9.96815	7.38008	-4.66931	28.471	19.7709	19.7012	11.0822	17.1074	20.5454
VANGS	1.02401	5.01612	-4.92508	4.55516	-11.6672	-6.81736	-8.35383	-3.92572	-6.45567	9.90897
VANGR	-9.21184	-17.5128	11.7111	-6.47313	40.0177	33.9076	36.52893	21.991	32.4867	34.9434
SHINE	5.36609	12.9143	-10.0242	7.07468	-29.6913	-25.1822	-24.9284	-13.9257	-21.3414	-26.5102
RNWDFND	28.6998	42.0838	-21.7624	5.00739	-99.8243	-90.2407	-95.2694	-61.057	-98.9179	-89.531
IBLWR	-23.1158	-35.9288	19.9231	-6.89714	81.5638	77.5008	79.6124	50.1955	73.5324	76.0942
OBLWR	-24.0198	-36.1808	19.3838	-6.01838	85.7764	81.2808	83.8867	51.2617	74.1991	77.7909
INVLWR	-19.6617	-32.0634	-0.18349	-9.32938	-28.7338	-34.7752	-38.0401	-28.4028	-39.2863	-29.6921
ORLLWR	-10.325	-22.4367	17.6165	-11.4708	54.8268	48.8253	49.2716	26.102	39.7459	48.2711
CORLWR	-8.76366	-18.4148	6.1867	-1.09088	36.0911	27.4299	28.406	15.3482	26.6465	26.4799
CORLWHR	-19.3783	-29.0423	15.4301	-4.13558	65.8422	61.8763	65.2817	1.5442	60.6371	61.6717
STFLWR	-11.4604	-12.2028	3.2501	3.60578	27.2437	29.6033	31.2697	.0972	31.2167	28.8454
TFLPLR	27.1419	39.7075	-20.2011	4.17227	-89.9044	-87.3197	-90.3269	-58.0879	-94.9965	-88.578
INFLLN	20.3153	30.7402	-22.668N	+9.59766	-42.0981	-48.3347	-52.2368	-31.2853	-46.8726	-44.8876
LRNPHR	-26.6428	-37.3027	20.0594	-5.7101	84.601	81.0491	83.1628	53.0186	77.4564	79.1434
ALFNLR	-14.1678	-23.993	+14.4916	6.33316	-54.5346	-50.5383	-51.9183	-31.7259	-46.8729	-50.3545
LGPFCLR	-11.2151	-10.8973	1.95261	4.7995	24.2044	27.3277	29.4151	21.1057	29.3732	26.269



CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

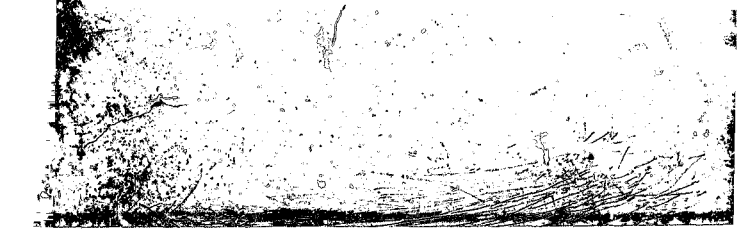
VARIABLE	STMKLOL	VACHKLN	CRMKWD	CRMKWD	VANGS	VANGS	SHINL	MWNOFWD	IBLWR	OBLWR
RACMLEN	-10.4462	9.07897	-13.5715	-7.14342	5.93361	-10.1057	10.1517	11.8614	-12.7415	-9.86749
ISTNDLN	1.28596	9.45096	8.53594	0.564N7	1.77902	3.12954	0.0586331	18.3833	13.4096	-0.988646
LNWDRL	-16.3206	5.68897	-26.7259	-18.9076	7.79454	-17.2068	14.2165	32.1368	-29.4262	-13.8647
MXLBL	-20.8703	14.4661	-35.167	-13.8192	6.53138	-22.6442	18.9061	46.1052	-41.1129	-16.7403
MXWDL	-6.73018	-0.832637	-13.0872	-4.40336	2.2476	-7.70325	5.71695	18.3426	-15.6952	-4.96472
AFAWR	3.07799	-0.02006N6	9.50823	3.30187	-1.82791	5.69856	-4.31112	12.6N10	10.9838	3.83403
APXPS	1.75262	5.12786	6.5604	1.00N47	0.5N1928	2.88243	-0.801607	-12.8413	9.59037	0.268394
BSAW	10.6066	-0.670876	19.5018	7.05783	-4.04619	11.8872	-9.33576	-25.9598	22.7181	8.30505
BSPS	5.01381	1.37316	10.2383	3.25771	-1.40533	5.87262	-4.16357	-10.8694	12.536	3.34056
BVIWS	-6.72391	1.07719	-13.2262	-4.39188	2.18638	-7.74038	5.68099	18.7286	-15.4	-4.90744
NSEOV	7.15978	-6.62689	17.6614	4.9089	1.02N97	-9.21160	9.36509	28.6098	-23.1198	-4.07792
PINSV	-15.2502	-2.20997	-29.8649	-9.96812	5.01618	-17.5128	12.5143	N2.0806	-35.8098	-11.1802
PILLN	11.0433	-3.83867	18.091	7.38026	-4.92508	11.7111	10.0282	-21.7624	19.9231	5.23038
LWILW	-7.03035	7.9826	-7.93168	-4.86934	3.45514	-6.47733	7.07944	20.0739	-6.69714	-1.81838
NBR	34.9579	4.35546	67.9976	20.671	-11.6672	30.0177	-29.6913	-95.3243	81.5636	25.7764
NIOB	30.4768	9.98929	62.8909	19.7109	-8.81716	25.9076	-25.1822	-92.2401	77.5008	21.2868
OBRL	30.4599	11.4197	64.2047	19.7012	-8.35383	26.7293	-24.8284	-93.2694	79.6124	20.8697
OBRW	17.5802	10.1349	39.5033	11.2682	-5.35572	21.591	-14.1925	-74.1051	50.1954	11.2617
OGMV	26.6129	13.5067	58.4016	17.1078	-6.85567	32.2867	-21.3114	-85.9179	73.7324	17.4981
OGX	31.5394	6.14065	62.7762	20.5654	-9.99897	36.4934	-26.5102	-89.511	76.0342	22.7909
OLBRW	25.8997	7.70826	53.288	16.608	-7.57713	30.4455	-21.4394	-77.7961	65.4795	18.1589
MFLOR	26.8898	12.2379	61.8003	18.6405	-7.56701	34.6673	-23.4651	-92.5989	77.074	19.4966
OORLW	30.9029	-8.10952	51.2378	20.2872	-12.2615	32.6677	-27.3421	-83.1368	57.5099	24.9139
OORLWD	11.8757	0.0952877	21.0815	7.41609	-4.07154	12.6741	-9.73888	-28.6099	24.0017	8.38737
OORTWD	25.7417	1.56988	49.0034	16.8903	-8.98167	29.1715	-20.0466	-67.5633	54.2002	19.3234
LCTPFA	26.4789	7.96378	56.5295	17.1822	-7.72722	31.1394	-21.9096	-79.6637	66.9986	18.5485
NNFW	24.626	17.4892	57.2916	15.6816	-4.79782	30.7562	-19.1351	-89.1919	71.578	15.1552
INFL	29.4954	9.58126	61.2116	19.1214	-6.4403	34.8186	-24.3215	-89.8876	73.9366	20.5168
PNKLN	29.57	3.22089	59.2033	19.3598	-7.97814	33.7672	-25.1324	-79.9905	68.4434	21.9003
AMKLN	26.2969	3.75764	51.9637	17.1903	-8.66224	30.189	-22.2757	-72.476	61.8851	19.2899
STNKLOL	10.6094	-6.77636	24.5192	9.73662	-6.30116	19.6538	-13.1497	-33.8343	27.3673	12.083
VACNKLN	-4.17636	14.0159	1.32511	-1.16519	4.84666	-2.18685	3.34416	-17.8898	5.54325	-6.11102
CRMKWD	24.5196	4.10514	46.5066	16.0091	-4.59454	27.7596	-21.1241	-64.0856	55.2693	18.1403
CRMKWD	9.13666	2.10514	16.0031	6.50051	-4.29022	10.3646	-8.61103	-19.5388	17.8116	8.09251
VANGS	-6.30774	4.84868	-8.59492	-4.29022	3.84201	-6.20778	6.0483	8.16011	-4.3851	-2.82114
VANGS	15.6318	1.26868	27.7599	10.1846	-6.20778	17.1612	-13.0969	-35.9599	29.8876	10.6293
SHINL	-13.1697	5.34416	-21.0391	-8.81103	6.0483	-13.8069	12.0319	24.6751	-22.8569	-11.1523
MWNOFWD	-30.2316	-11.8826	-54.0896	-19.5388	8.16011	-36.0995	24.6751	95.1739	79.6461	-20.5099
IBLWR	27.3673	6.54325	55.2698	17.8116	-8.3891	31.6876	-22.8569	-79.6461	67.3694	19.526
OBLWR	12.083	-6.11102	18.4401	8.09251	-5.82114	12.4093	-11.1523	-20.5099	19.526	10.4581
INVLWR	-1.78091	-21.3585	-17.2035	-0.9356845	-4.42927	-5.81062	-11.1004	38.705	-27.839	3.09504
CRLLWR	23.2003	-8.16091	37.9438	15.5077	-10.1898	24.5861	-21.0713	-49.9652	41.7475	19.4118
CORLWP	8.69432	4.13503	16.8114	5.56774	-2.16005	10.4468	-6.96827	-20.4814	21.6064	5.73999
CORLWNR	21.3415	7.10192	NA.4	13.6803	-6.06676	29.2833	-17.577	-63.3097	54.7722	14.8097
STLLBR	5.23179	11.662	17.3334	3.09506	0.870733	7.95386	-3.08866	-31.8081	24.5438	1.96145
TFLPLR	-28.1427	-12.1168	-40.3382	-18.1559	7.34615	-33.7526	22.8384	90.5294	-79.3105	-18.9554
INFLWR	-5.35992	-N4.6256	-25.5983	-2.79313	-3.90546	-10.4107	3.59926	52.9814	-39.3499	1.04673
LNWRNR	7.27.4	8.9775	17.1219	7.9666	-8.04719	12.5942	-8.8971	33.5339	30.4357	7.0387
APLNLR	-19.6445	1.1151	-37.3486	-12.8921	6.8739	-22.8494	16.8501	51.5878	-46.3374	-14.7636
LCPTCLR	3.56791	12.9794	15.0881	1.96108	1.76845	6.32126	-1.48075	-29.8029	22.3702	0.0165722



CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	INVLAR	CRLLHR	CURLMR	DOHLMHR	STLLBR	TYLPLR	INFLHR	LRHFHR	ALFHLR	LOPFOLR
RACHLEN	-9.11796	-17.3158	-3.09464	-8.98590	2.51152	10.5821	-8.99.83	-18.0106	10.8497	4.10127
INTADLN	-16.9076	0.870958	5.8206	11.9879	10.5356	-17.9152	-26.5017	10.9877	-6.81995	11.9588
LNHDRL	0.240135	-26.1399	-9.15801	-22.1874	-4.75676	29.8838	3.89935	-29.6251	23.1085	-2.06839
MXLNL	5.75366	-32.8371	-13.2975	-32.3505	-9.39052	43.0701	11.4843	-41.8704	28.9839	-7.1432
MXWDL	-2.58186	18.1292	3.80913	12.157	-5.23878	-17.2984	8.09581	-16.2801	10.496	-4.83346
APXAN	-3.08571	7.79514	3.69939	8.78588	3.24816	-11.8893	-4.726	11.3179	-7.48878	2.76957
APXAPX	-9.6139	2.11212	3.93867	8.3565	6.40104	-12.3276	-12.1267	10.5177	-5.31004	6.57401
BSAN	-5.37492	16.702	5.56289	18.0635	6.28002	-24.3567	-8.79377	23.3252	-15.6155	5.21853
BSPS	-5.89786	7.46691	4.91438	10.2134	4.67504	-14.0705	-7.2645	13.0898	-8.0137	4.88851
SVINS	5.93957	-10.3199	-5.52787	-12.9135	-5.48852	17.6731	6.59102	-16.5818	10.6169	-4.91983
NSECW	15.45617	-10.329	-6.70366	-12.3783	-11.4604	27.4199	20.3154	-24.6408	16.1678	11.2131
PINSV	13.0634	23.9367	12.4142	-29.0423	12.2808	39.7075	18.5971	-37.1027	23.953	-10.6973
PTLAW	-7.10469	17.3107	7.1067	19.4361	3.2551	-26.2011	-7.6604	19.4916	-11.4	5.95261
INTLN	-9.32452	-11.8908	-1.09088	-4.13556	3.60578	4.17227	-9.59766	-5.7101	6.33316	4.7995
NBR	28.7338	53.8018	23.0911	65.8022	27.8937	-89.0044	-48.0083	84.601	-54.5346	24.2098
LBRL	-34.7752	46.2303	27.4298	63.2761	39.6033	-87.3997	-48.3367	81.0491	-50.5383	27.3277
OBRC	-38.0408	45.3719	28.406	69.2217	31.5628	-90.3264	-52.2368	83.6828	-51.5183	29.4151
IBRW	-38.1028	48.002	28.3402	61.3465	32.0977	-92.0878	-47.8883	83.0146	-51.7255	21.1957
OBRW	-39.2863	39.7429	26.6465	60.6371	31.2167	-84.4965	-52.6163	77.8564	-46.8729	29.9738
PNDL	-29.6921	48.2711	26.4799	61.6717	26.8624	-84.578	-42.4876	79.1434	-50.2945	24.5
L'NRP	-28.9284	39.3203	23.118	53.3872	24.7799	-73.6437	-40.3276	68.357	-42.7476	22.6249
NFLGR	-38.1763	53.4267	27.6611	62.2096	31.3763	-97.8707	-52.4096	89.9977	-49.5833	29.4328
CORLLH	-8.57734	48.2201	16.2628	44.9385	11.4117	-59.3693	-18.1953	58.2771	-41.1491	7.9826
CORLWD	-7.03467	17.9107	6.48505	19.089	7.44261	-26.9395	-10.9071	25.6161	-16.9031	6.1773
CORTWD	-18.3579	39.815	20.8389	46.7926	16.3759	-63.6198	-27.6989	60.1976	-39.2956	16.03
LSTHPA	-29.7178	40.1219	23.6767	54.4687	25.8202	-75.4261	-41.4032	70.0355	-43.7589	23.4977
INFW	-44.7892	36.183	27.2036	61.1976	33.9585	-85.9579	-59.0135	77.9895	-45.9684	32.7626
INFL	-39.1776	46.6923	26.7951	60.6378	32.0178	-85.1438	-47.3497	78.9159	-49.112	26.8712
FNXLN	-23.513	45.3666	21.3928	50.2172	22.5693	-75.3194	-34.8643	70.9396	-45.4664	19.968
ANGLH	-22.4559	40.4161	21.3704	50.0291	20.9878	-68.187	-32.5699	64.254	-41.276	18.7331
STMXLOL	-1.78091	23.2003	8.64932	21.3415	5.23179	-28.1427	-5.35952	27.69	-19.6493	3.94791
VACHSLN	-21.3585	8.16091	4.13503	7.10192	11.6587	-10.1168	-20.0896	8.9471	-2.1572	12.9784
CRMNUL	-17.2035	37.1438	19.2114	NA	17.1334	-50.1382	-29.9163	57.1871	-37.1868	17.0861
CRMNWE	-0.5358A9	15.9077	5.56779	13.8303	3.09506	-16.1559	-2.79313	17.9568	-12.8981	1.96108
VANGS	-4.46921	7.66691	2.18006	6.06651	0.870733	-8.13415	-3.95946	8.042119	-5.0177	1.78015
VANGB	-9.81062	24.5861	10.4468	25.2233	7.95386	-33.7526	-10.4107	32.5946	-20.0594	6.32186
SHINL	-1.10042	21.9713	-4.96827	-11.577	-3.06284	22.6384	1.59028	-28.6971	16.8851	7.9875
NWNGEHD	38.705	-45.5632	-28.4814	-65.3097	31.8981	90.5294	58.9814	-83.5335	51.4876	-29.8029
IBIWR	-27.4544	43.2	23.2561	56.7732	24.5436	-79.3105	-39.2899	70.237	-43.8379	26.9703
OBLWR	3.09504	19.4116	5.73999	14.8097	1.56145	-16.9554	1.08473	19.3894	-14.7635	6.0765722
INVLNR	17.513	-0.220966	12.3238	-25.1793	-21.0784	37.8174	43.2663	-31.3306	12.8682	-20.3114
CRLLWR	-0.220966	37.0253	12.9877	32.117	6.73956	-42.2879	-9.39242	42.0187	-30.3942	3.99589
CORLWR	-12.3238	12.9877	8.52966	19.439	9.67819	-27.052	-16.6325	29.8406	-15.0972	9.32609
CORLWHR	-25.1193	32.117	19.439	NA.7711	21.1914	-61.8724	-38.7648	57.328	-35.624	19.6277
STLLBR	-21.0784	6.73956	9.67819	21.1914	15.376	-30.7685	-26.7656	86.7363	-11.9185	15.644
TFLPLR	37.8174	-42.2879	-27.052	-61.8724	-30.7685	85.9171	51.4574	-79.1151	48.4206	-28.8871
INFLHR	43.2663	-9.39242	-16.6325	-34.7648	-26.7656	51.4574	-43.3277	-43.9079	29.8313	-29.6696
LRHFHR	-31.3306	42.0187	29.8406	57.328	86.7363	-79.1151	-53.9079	73.4363	-45.8233	29.4591
ALFHLR	12.8682	-30.3942	-15.0972	-35.624	-11.9185	48.4206	29.8313	-45.8233	29.9496	-12.1428
LOPFOLR	-20.1114	3.99589	9.32609	19.6277	15.644	-28.8871	-29.6696	29.4591	-12.1428	16.1568



CANONICAL DISCRIMINANT ANALYSIS

CLASS MEANS

SPECIES	RACMLEN	INTNOLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
DISCOLOR	-0.0827512	0.0809711	-0.1074136	-0.2571835	-0.0996168	0.0797694	0.0465665	0.1323990	0.0653650	-0.0899976
TRANSVAA	0.6956216	0.1521729	0.8940306	1.0717788	0.3006683	-0.2252985	0.0213896	-0.5279193	-0.2173742	0.3017833
UNIFLORA	-0.8313994	-0.8037051	0.1452235	0.3792542	0.2535415	-0.1376171	-0.3706008	-0.2886615	-0.2442338	0.2751159

SPECIES	NSECV	PINSV	PTLIN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMXL
DISCOLOR	-0.1406588	-0.2205738	0.1409744	-0.0413331	0.5194391	0.4910149	0.5059219	0.3094249	0.6641734	0.4866055
TRANSVAA	0.1867524	0.6706616	-0.9906995	0.5107492	-1.5347822	-1.2895544	-1.1636491	-0.5983789	-0.9378776	-1.3311987
UNIFLORA	0.6113579	0.5904917	-0.0886169	-0.2673673	-1.2925516	-1.4677568	-1.5602478	-1.1457313	-1.5938742	-1.2941548

SPECIES	LBRP	NFLOR	CORLLN	CORLWD	CORTWO	LCTPFA	INFW	INFL	FWXLW	AWXLW
DISCOLOR	0.4221387	0.4883211	0.3621397	0.1578699	0.3679471	0.4209480	0.4588927	0.4754117	0.4314257	0.3891758
TRANSVAA	-1.0284766	-1.0721110	-1.6181156	-0.5254823	-1.1707484	-1.0608572	-0.7599933	-1.1042131	-1.3139416	-1.1484636
UNIFLORA	-1.2180015	-1.5831371	-0.4181653	-0.3395426	-0.8571709	-1.2614477	-1.1740629	-1.1460467	-1.0704963	-1.0056790

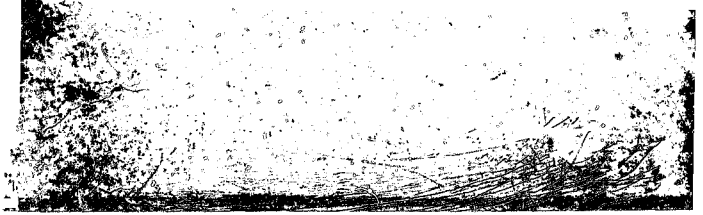
SPECIES	STMXLOL	VACMXLN	CRMXWD	CRMNWD	VANOS	VANGB	SHINL	RNMOFND	IBLWR	OBLWR
DISCOLOR	0.1708214	0.0338734	0.3514236	0.1126033	-0.0545602	0.1960344	-0.1480906	-0.4933581	0.1309532	0.1335561
TRANSVAA	-0.7827124	0.5092715	-1.1768134	-0.5289944	0.9030064	-0.7694032	0.7352953	1.1545565	-1.1275682	-0.6935471
UNIFLORA	-0.1878340	-0.7162668	-0.8045130	-0.1010533	-0.1024330	-0.3403539	0.0893683	1.6137304	-1.1958824	-0.0167439

SPECIES	INWLWR	CRLLWR	CORLWR	JORLWWR	STLLBR	TFLPLR	INFLWR	LANFWR	ALFWLR	LCPFCLR
DISCOLOR	-0.1669425	0.2623815	0.1453368	0.3445816	0.1566618	-0.4745823	-0.2353212	0.4357851	-0.2785162	0.1377399
TRANSVAA	-0.3972923	-1.2760983	-0.5184653	-0.8390901	0.0237297	1.0427366	-0.1000975	-1.1117168	0.8970281	0.1607488
UNIFLORA	1.3303508	-0.2055046	-0.5062188	-1.0569544	-0.8403813	1.5566453	1.6350822	-1.3335917	0.6509196	-0.8804132

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	RACMLEN	INTNOLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
DISCOLOR	-0.0828	0.0805	-0.1851	-0.2573	-0.0975	0.0690	0.0584	0.1425	0.0784	-0.0996
TRANSVAA	0.6956	0.1522	0.8925	1.0669	0.2969	-0.2276	0.0331	-0.5197	-0.2064	0.2929
UNIFLORA	-0.2313	-0.6037	0.1463	0.3769	0.2499	-0.1493	-0.3611	-0.2600	-0.2335	0.2661

SPECIES	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMXL
DISCOLOR	-0.1416	-0.2230	0.1274	-0.0432	0.5108	0.4825	0.4966	0.2888	0.4558	0.4776
TRANSVAA	0.1867	0.6696	-0.6134	0.5089	-1.5548	-1.2842	-1.1835	-0.5917	-0.9500	-1.3583
UNIFLORA	0.6078	0.5856	-0.1013	-0.2664	-1.3112	-1.4833	-1.6026	-1.1411	-1.6077	-1.3815



CANONICAL DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FNXLN	ANXLN
DISCOLOR	0.6120	0.4796	0.3609	0.1546	0.3624	0.4150	0.4528	0.4680	0.8257	0.3843
TRANSVAA	-1.0997	-1.0866	-1.0085	-0.5066	-1.1731	-1.0642	-0.7641	-1.1721	-1.3157	-1.1493
UNIFLORA	-1.2520	-1.6022	-0.6166	-0.3412	-0.8602	-1.2644	-1.7765	-1.4540	-1.0731	-1.0071

SPECIES	STMKLOL	VACMXLN	CRMXWD	CRMXWD	VANGS	VANGB	SHINL	NWNOFWD	IBLWR	GBLWR
DISCOLOR	0.1718	0.0359	0.3446	0.1120	-0.0529	0.1994	-0.1462	-0.4934	0.8215	0.1244
TRANSVAA	-0.7788	0.9107	-1.1228	-0.4040	-0.7834	0.7367	1.1586	-1.1482	-1.1482	-0.7048
UNIFLORA	-0.1856	-0.7114	-0.8107	-0.1009	-0.1016	-0.3356	0.0726	1.6137	-1.2170	0.6087

SPECIES	INVLWR	GRLLWR	CORLWR	CORLWWR	STLLBR	TFLPLR	INFLWR	LRNFWR	ALFMLR	LCPPCLR
DISCOLOR	-0.1659	0.2627	0.1455	0.3390	0.1493	-0.4667	-0.2369	0.9258	-0.2756	0.1348
TRANSVAA	-0.3954	-1.2703	-0.3126	-0.8421	0.0163	1.0523	-0.3010	-1.1117	0.8959	0.1238
UNIFLORA	1.3260	-0.8036	-0.5037	-1.0598	-0.8539	1.5667	1.6875	-1.3335	0.6507	-0.8801

WITHIN-STANDARDIZED CLASS MEANS

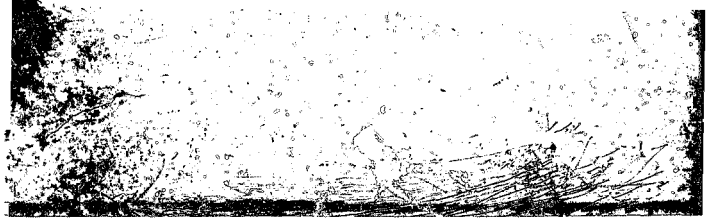
SPECIES	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
DISCOLOR	-0.0855	0.0822	-0.1975	-0.2889	-0.0981	0.0589	0.0566	0.1224	0.0785	-0.1003
TRANSVAA	0.7188	0.1595	0.5519	1.1960	0.2988	-0.2373	0.0332	-0.5324	-0.2057	0.2949
UNIFLORA	-0.2389	-0.6168	0.1561	0.1232	0.0515	-0.1493	-0.3621	-0.2868	-0.2336	0.2679

SPECIES	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PWKL
DISCOLOR	-0.1456	-0.2388	0.1306	-0.0439	0.9967	0.8244	0.9189	0.3637	0.7300	0.7953
TRANSVAA	0.1920	0.7128	-0.6291	0.5169	-3.0339	-2.0917	-2.1758	-0.6968	-1.5215	-2.2629
UNIFLORA	0.8251	0.6272	-0.1039	-0.2706	-2.5586	-2.5343	-2.9467	-1.3637	-2.5749	-2.8007

SPECIES	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FNXLN	ANXLN
DISCOLOR	0.5683	0.8254	0.4883	0.1992	0.4560	0.5765	0.7566	0.7579	0.6075	0.5004
TRANSVAA	-1.5618	-1.8758	-2.1763	-0.9419	-1.4761	-1.4782	-1.2769	-1.8980	-1.8774	-1.6964
UNIFLORA	-1.7270	-2.7578	-0.9638	-0.3512	-1.0823	-1.7564	-2.9687	-2.3545	-1.5313	-1.3112

SPECIES	STMKLOL	VACMXLN	CRMXWD	CRMXWD	VANGS	VANGB	SHINL	NWNOFWD	IBLWR	GBLWR
DISCOLOR	0.1804	0.0376	0.3616	0.1139	-0.0582	0.2117	-0.1499	-0.8969	0.5932	0.1286
TRANSVAA	-0.8175	0.9390	-1.1739	-0.5362	0.4662	-0.8317	0.7657	2.0989	-1.6157	-0.7283
UNIFLORA	-0.1949	-0.7454	-0.9920	-0.1026	-0.1021	-0.3562	0.0755	2.9336	-1.7125	-0.0069

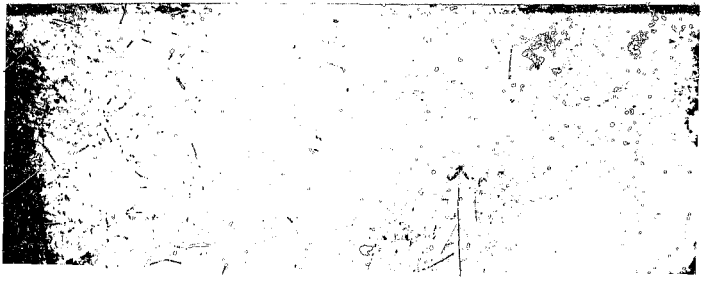


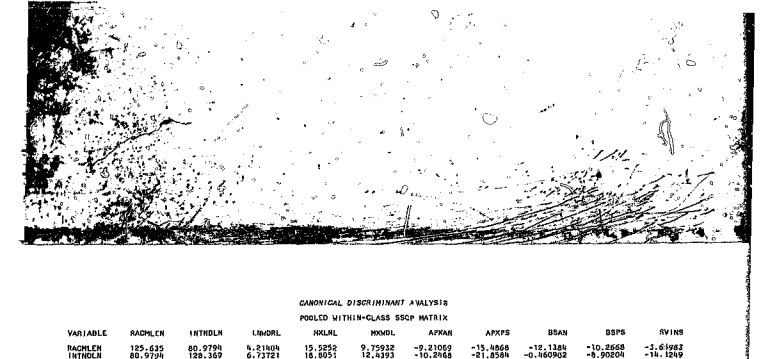


CANONICAL DISCRIMINANT ANALYSIS

WITHIN-STANDARDIZED CLASS MEANS

SPECIES	INVLWR	CRLLWR	CORLWR	CORLWWR	STLLBR	TFLPLR	INFLWR	LRNFWR	ALFWLR	LGPFCLR
DISCOLOR	-0.1932	0.3052	0.1491	0.4104	0.1573	-0.7650	-0.3040	0.6378	-0.3095	0.1425
FRANSVAA	-0.4605	-1.4762	-0.3205	-1.0199	0.0172	1.7246	-0.3870	-1.6270	1.0061	0.1309
UNITTORA	1.5446	-0.2366	-0.5163	-1.2831	-0.9000	2.5677	2.0929	-1.9916	0.7307	-0.9302



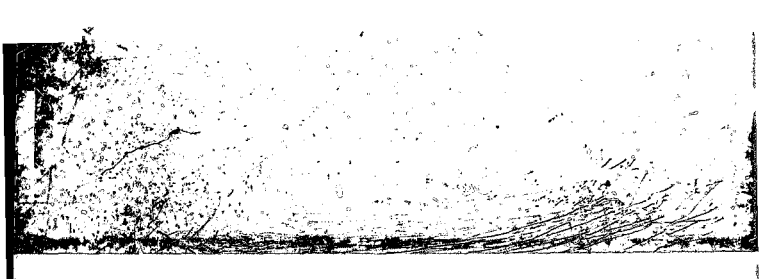


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	RAGMLEN	INTNDLN	LNADRL	MXLNL	MXMDL	APXAN	APXPS	BSAN	BSPS	SVINS
RAGMLEN	125.635	80.9794	4.2184N	15.5252	9.75932	-9.21069	-15.4868	-12.1384	-10.2668	-3.61983
INTNDLN	80.9794	128.369	6.73721	16.8051	12.4393	-10.2468	-21.8584	-0.460902	-8.90204	-14.1249
LNADRL	4.2184N	6.73721	118.636	N4.756	-58.103	-58.4414	6.55317	-56.2393	9.32876	-46.2919
MXLNL	15.5252	18.8051	4N.756	107.033	72.7078	-29.9737	7.92219	-5.81991	24.214	-4.2406
MXMDL	9.75932	12.4393	-58.103	72.7078	133.152	18.1825	2.31067	33.8719	41.3211	41.2811
APXAN	-9.21069	-10.2468	-58.4414	-29.9737	18.1875	132.769	-55.5651	4.28329	-20.9333	33.072
APXPS	-15.4868	-21.8584	6.55317	7.42219	2.31067	-55.5651	131.795	18.3401	22.4892	-8.71945
BSAN	-12.1384	-0.460902	-56.2393	-5.81991	33.8719	4.28329	18.3401	120.843	15.5884	14.0741
BSPS	-10.2668	-8.90204	9.32876	24.214	41.3211	-20.9333	22.4892	71.5844	131.729	-3.96681
SVINS	-3.61983	-14.1249	-46.2919	-4.2406	41.2811	33.072	-8.71945	14.0741	-3.96681	131.38
RSECV	11.0316	3.54917	24.0003	66.8398	47.3048	-16.957	71.6618	12.1657	35.1347	26.4869
FINDV	-9.96823	7.30169	2.4109	19.6082	16.6967	-4.5381	8.10711	1.6548	8.46119	-15.9526
FLLN	21.2833	29.7233	52.0996	64.8781	21.0309	-36.4743	6.65971	-14.2332	20.5133	-7.58712
INTLN	22.0998	9.66033	-14.5306	18.7619	33.1932	10.796	-16.0634	1.2238	5.3703	2.91903
RBR	11.9165	7.57415	-1.75877	-3.69449	-2.443	11.7239	-3.18016	-0.798338	5.66178	8.41263
IBRL	6.9146	2.05173	N.46492	-3.07214	-8.31683	-3.33279	7.56567	21.1467	24.5986	12.2509
OBRL	7.35152	6.82931	9.32128	6.58126	-1.71087	2.02696	4.99596	10.6648	21.2021	-2.87906
IBRW	4.35519	5.63562	-16.6562	-N.3384	11.6221	-0.886649	12.3546	15.4244	2.60208	-3.35019
OBRW	9.60011	15.5695	10.5918	16.2897	7.89294	-3.95591	1.87163	6.2867	13.457	-10.8397
PRWL	15.2042	6.05702	-2.85857	5.0225	7.12267	17.3924	-11.6159	5.95275	0.701925	6.21321
LBRP	16.3563	9.97858	10.103	14.0371	5.96845	5.31157	-11.6938	6.61711	16.2789	4.90665
RFLOR	8.52533	3.08206	12.7639	-3.04058	15.2571	1.28532	0.93985	6.35998	26.4803	-4.29988
CORLLN	-1.03801	2.02931	12.1599	13.0711	6.44498	-0.906881	3.73039	19.1763	2.85229	-10.9562
CORLWD	7.09202	17.0844	-4.25331	10.4692	22.1135	-3.46451	8.2103	1.43235	0.143016	17.0415
CORTND	-8.04888	-2.5604	-3.0088	-1.71837	1.82826	-5.23306	6.82956	11.5938	6.64631	2.10701
LCTPFA	4.44153	-0.072389	3.98844	4.38005	0.962808	0.235772	5.03573	-5.28102	8.84187	1.23384
INFW	9.38522	2.05173	3.90438	6.26771	5.00441	2.02696	4.99596	0.72722	-13.1183	8.41263
INFL	11.6927	8.2581	2.17173	-0.289801	-1.90145	1.97689	-3.84401	7.10107	18.9627	2.41904
PRWLN	-0.159561	9.54958	3.9233	6.85826	5.03005	4.52613	-9.14409	-7.08031	1.31177	-5.83006
AVRLN	7.99739	-6.199	-0.111213	10.6298	11.4699	3.7768	4.2607	7.00069	22.6855	10.9305
STWKLDL	13.7278	11.4885	-8.94228	11.4054	22.7881	-1.80356	5.45977	-0.907004	10.1576	10.6381
VACNKLN	-8.59532	-28.3855	6.49067	-5.7868	-20.6589	1.84065	-1.58245	12.3975	3.49307	-0.818517
CRNWND	9.44088	5.69356	0.2397	1.17861	6.65772	-13.5579	9.05703	18.762	19.4857	-3.17299
CRNWHD	6.58449	1.53261	-4.215	1.1133	13.3895	-9.83139	18.1186	16.0959	19.3559	3.00243
VANGB	18.9699	12.4251	-N0.4	4.53197	44.4236	12.4281	4.3334	24.1052	9.35188	18.1694
VANGB	-22.1332	-13.4029	-25.619	19.3955	44.1936	-3.01994	-1.67538	31.3841	33.3287	26.6773
SUMBL	-5.79572	4.99001	97.1857	46.2923	-96.8872	-39.5487	11.0281	-25.6866	19.7799	-42.1631
NWNOFHD	41.7495	24.2818	-1.95304	8.21779	9.44788	-13.5734	-3.03686	1.10959	6.1259	2.82219
IBLWR	3.52475	-7.68067	16.0271	-2.13346	-19.184	-2.12063	-3.81967	13.1407	13.3807	6.25832
OBLWR	-2.58737	-10.9566	-5.76161	-2.83779	-10.4478	6.70374	-5.88253	-16.3705	-4.13955	-0.993276
IRVLWR	-9.07781	-5.95084	8.230316	8.85399	7.10943	5.97781	-12.6783	-11.766	-6.0704	11.9198
ORLLWR	-3.96899	-7.12977	15.9991	6.90759	-7.91758	1.91818	0.275849	-23.1125	-3.83836	-9.91051
CORLWR	0.9095+2	-6.74162	4.16986	0.3749N8	-2.51367	12.9593	-2.09988	-20.4925	-9.9140?4	2.64529
CORLMWR	-0.668589	-4.46993	8.40917	-2.98777	-10.4478	6.70374	-5.88253	-16.3705	-4.13955	-0.993276
STLLDR	0.06266N8	-28.1215	3.31419	-10.5956	-17.3686	5.28698	-1.85512	8.8819	23.021	-5.34803
TFLLR	-3.5784	-5.03731	4.12091	9.38654	1.00439	0.57579	-10.4585	-13.1955	-3.0356	-7.96783
IRFLWR	-1.54962	1.31979	-6.90733	2.66409	9.33331	-8.80319	-10.7782	-5.49636	-8.88298	22.9991
LNWFWR	-4.127	-0.0713909	8.27186	-1.16063	-8.06326	7.35955	-2.88932	6.97622	14.6729	-6.85291
ALFWLR	12.6061	-1.56555	-N.44004	6.67822	8.29187	-4.09677	9.18057	16.9377	17.9387	15.2086
LCPFCLR	-5.49681	-1.03537	-7.08809	-10.894	-9.48052	8.12643	1.01891	-0.1112A5	5.33289	1.71363





CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

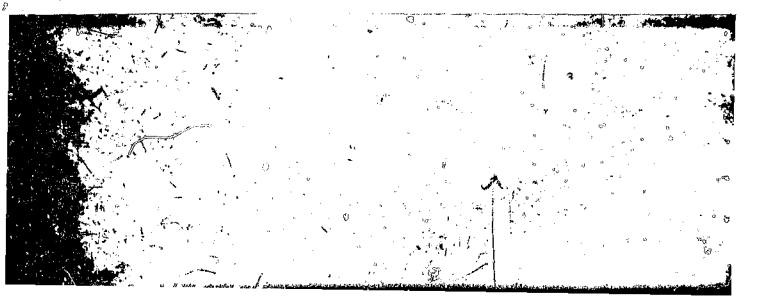
VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRV	OBRW	PMXL
RACNLEN	11.0316	-9.56828	21.2633	32.0982	11.9165	6.9146	7.35152	4.35519	9.60311	15.2942
INTNDLN	3.94917	7.30169	29.7233	9.66035	7.57415	-2.05172	6.22931	5.63542	15.5695	6.05702
LNNDRL	29.0003	2.4109	52.0996	-14.5368	-1.79271	4.46292	9.32125	-16.6562	10.5818	-2.48437
RKLNL	68.8308	19.4052	84.8781	18.1619	-3.64049	13.07214	6.38128	4.1188	16.2807	9.06316
MNNDL	47.3044	16.6967	31.0309	33.4512	4.443	-8.37683	-1.71087	11.6021	7.89844	7.12687
APXAN	116.957	-4.53381	-36.6193	10.796	11.7239	-9.58279	-2.02656	-0.486648	-3.95593	11.2878
APXPS	-1.66018	8.51281	6.65971	-16.8034	-3.18016	2.56467	4.99506	12.1246	1.67183	-11.6192
BSAN	12.1657	8.28711	-19.2332	5.37603	-0.780318	21.1467	10.6648	15.4244	6.2887	-2.95215
BSPS	35.1349	13.6588	20.5133	3.9222	3.66104	29.5866	21.2021	8.90859	13.457	0.7011225
SVLNS	26.4849	-15.8526	-7.58712	2.91903	8.51263	2.95389	-2.87096	-3.36019	-10.8397	6.21321
NSECV	121.595	-7.30628	17.0451	0.3498097	7.95693	13.3043	8.64187	1.68139	10.3574	11.9646
PINSV	-7.30628	117.535	4.05696	12.5673	-1.8221	-2.86191	-2.37729	7.10393	1.88986	-2.09667
PTLLN	47.0951	4.05696	184.855	-7.63689	2.29031	5.39199	6.29807	-9.12038	13.16	2.14768
INTLN	0.3498097	12.5673	-7.63689	130.828	12.76	13.8837	13.8007	23.9955	14.1182	15.8401
NBR	7.95693	-1.8221	2.29031	12.76	34.8097	20.7334	12.9335	18.6133	12.1987	22.3397
IBRL	13.3043	-2.86191	5.39199	13.8837	20.7334	45.5755	26.9281	17.1828	20.2969	19.9277
OBRL	8.16181	-2.37729	6.29807	13.8007	12.9343	26.9281	19.1295	17.8658	10.5469	17.8752
IBRV	3.68135	7.10393	-9.12038	23.9955	18.6133	29.1428	17.8658	97.3372	28.0864	19.5988
OBRW	10.3574	1.88986	13.16	14.1182	12.1987	20.2969	10.5469	28.0864	21.9619	15.4212
PMXL	11.9646	-2.09667	2.14768	15.8401	22.3397	19.9277	17.8752	19.5988	14.4212	47.3817
LBTP	23.9353	-4.91943	18.2287	17.1381	11.2166	21.2269	10.8713	22.0908	8.60985	21.2439
NFLGR	3.21509	1.00813	8.73667	5.81591	17.4948	21.1651	20.4979	12.5745	13.125	16.2978
CORLLN	14.7842	-4.01782	3.47941	6.210467	8.60489	9.09881	13.3615	13.3636	18.3941	23.1777
CORLWD	8.73234	24.7399	16.4399	22.1824	6.96785	4.30658	-5.01604	18.0535	4.87712	0.739786
CORTWD	9.2609	5.64901	6.98443	26.1613	8.00496	24.9745	19.1914	40.8847	15.697	15.8395
LCTPTA	0.751349	1.05251	1.85669	3.35019	3.98099	29.7018	20.5436	31.8019	17.1353	9.97726
INFW	-1.16865	0.1817763	3.83403	13.7367	7.78089	12.5283	16.4096	6.33361	19.1126	18.2477
INFL	13.8873	-1.66082	14.9072	16.3556	22.6001	34.6192	29.1826	28.0909	19.1216	26.8017
FMXLN	0.6542103	4.05378	-0.2800332	14.2608	3.58152	3.28265	6.47254	0.6573332	8.09557	9.08806
AMXLN	25.2976	-15.2119	6.994709	23.2989	10.1405	20.4823	22.4435	23.5041	17.1795	26.3746
STMXLOL	2.57611	17.562	0.02867779	14.0867	22.693	4.55059	-0.6146576	36.2372	9.28026	14.4783
VAOXLN	2.51067	-6.57693	-11.9761	22.4165	1.23406	31.9475	20.1389	23.1594	6.313106	4.01579
CRNKWD	16.6109	0.6719998	19.6309	26.4782	10.0691	27.4896	18.7199	49.0667	17.2497	18.8619
CRNNHD	22.5576	13.8937	19.0707	25.2172	9.894068	28.0474	14.538	46.0777	13.3881	12.6309
VANGS	37.9383	7.30077	-10.9027	9.49661	9.69089	1.93772	-2.33997	-2.54451	-3.48957	11.2405
VANGD	29.7431	14.2798	5.81614	-2.1604	3.05498	14.5067	6.55826	7.98854	9.52196	11.8072
SNINL	27.1983	-0.1.1838	45.5113	-20.3575	0.6569491	4.1159	12.3671	-17.0192	1.782175	-4.90323
NWNDHD	4.20907	-6.12391	3.01268	-0.498193	-7.26996	-15.7484	-15.7054	-12.4042	-11.3631	-11.5333
IBLNN	12.2596	-7.12847	12.1782	1.17673	13.1938	23.1397	20.1731	-34.5018	5.409083	6.10934
OBLNN	-8.09781	-6.21098	-13.2754	3.60319	3.9096	12.6523	17.2966	-24.2783	-41.1148	5.77528
IBVLNR	11.9053	2.30956	-5.87377	-5.01535	13.4891	9.78011	-5.7913	-9.708	-9.42148	7.01941
OBLLWR	6.5112	-16.8601	-5.51845	-5.73651	5.3647	10.4581	14.6508	1.14048	14.7265	21.0187
CORLWR	-2.35636	0.5408113	-16.7596	-14.2116	7.96683	-0.1146826	5.29796	-27.6133	5.29776	4.48321
CORLWMR	-6.12105	-7.9116	-7.2975	-6.13906	9.22187	4.16469	9.0319	-8.8739	8.87515	11.2585
STLLBR	6.62032	-11.3949	3.13537	6.62896	-8.18436	15.0076	14.3394	-18.4829	7.8284	2.09564
TFLPLR	9.44697	6.58591	-0.2670328	-3.36563	-12.6591	-23.8781	-18.0196	-22.5057	-16.2417	-11.054
LMFLWR	16.4757	-5.2589	-16.78169	-2.83087	6.90415	4.59265	-8.10623	0.899678	-12.9732	0.6560139
LRAFHR	3.80863	2.06648	5.51936	3.10766	17.9822	27.8897	24.6206	19.0329	18.7527	26.1067
ALFWLR	23.6846	-11.1978	7.8702	1.29198	9.06992	17.1729	6.909718	9.16271	11.1139	10.4175
LCPFOLR	-9.13149	3.40761	-8.46709	-11.939	11.3577	9.87882	9.47166	-9.55981	3.37057	1.50287

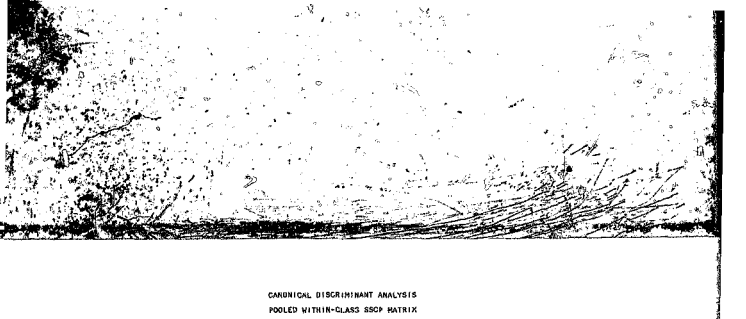


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	LRRP	MFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMKLN	AMKLN
RACNLEN	16.3163	8.53533	-1.03901	7.09202	-8.08888	8.48153	9.38522	11.6927	-0.1545G1	7.99739
INTNDLN	9.97858	3.08248	2.02934	17.0884	-5.5694	-0.0723B9	-2.02926	2.2581	5.34858	-6.199
LNWDBL	10.103	12.7639	12.1999	-4.25331	-3.0688	3.98644	7.91516	2.17193	3.9235	-0.1112I3
TKLNL	14.2837	-1.04852	17.0777	10.4692	-1.71627	8.38085	3.64615	-0.2289G1	6.83226	10.6298
MXWDL	5.50845	-15.2577	6.44898	22.1135	1.3252B	0.9628B2	-6.24711	-1.90115	5.03009	11.4699
APWAN	-5.31117	3.20172	-0.496883	-3.14851	-5.69308	0.2359I2	5.06841	1.97689	4.3091	3.4766
VPS	-11.6938	0.93983	3.73039	2.2103	6.82868	5.05372	2.4528	-3.84401	-5.14494	4.5607
BSAN	4.67171	6.35398	-10.7163	11.9338	-5.28108	-0.0850G3	2.42284	7.10107	7.49571	7.08069
BSPS	16.2789	26.4603	-2.25229	0.1430I6	6.64331	8.84187	12.1722	18.9827	-1.31177	22.6855
BVINS	9.96965	14.28982	-0.345687	17.0915	1.10742	1.23284	-1.7182	2.61904	-5.83006	10.9205
NSEOV	23.2353	3.35169	14.7843	8.73324	9.5609	9.75739	-11.156	13.8873	0.6542B3	25.2976
MINOV	14.9193	1.00813	-4.01782	24.7399	5.64961	1.10325	0.1811G4	-1.6089G	4.3E+00	12.2319
PTLLN	14.2287	8.73567	3.47841	16.4324	6.98443	1.85669	3.85403	4.4012	-0.2800G2	4.94709
INTLN	17.7381	5.81591	6.21069	20.3829	26.1613	5.3566	13.2187	16.3596	14.2608	23.2484
NBR	11.2166	17.4666	6.60489	4.96788	8.00985	18.8694	7.76089	22.6061	3.52152	18.1425
IBRL	21.2599	26.4673	21.90981	-4.30656	26.8745	25.7018	12.5283	34.6192	7.08265	24.4481
OBRL	10.6713	20.4979	13.3615	-5.28844	19.1919	20.5436	16.4956	24.1826	6.47254	22.4435
IBRW	20.0408	12.5743	11.3638	10.0535	40.8847	11.8019	6.33381	26.0405	0.657332	23.5051
OBRW	8.60995	13.985	15.2184	4.67171	19.697	17.1352	15.1126	15.1214	8.89557	17.1795
PRCS	21.6479	18.2974	23.1177	0.739728	15.8395	19.9726	18.2477	25.8017	9.08806	26.9745
EMBF	68.0211	12.1355	15.5932	5.90211	29.8952	10.7189	12.2509	22.2165	2.7762	28.866
MFLOB	12.1355	44.7838	2.5954	-9.17776	11.7098	12.01	22.1184	23.8704	-4.78782	18.5497
CORLLN	15.5932	2.5954	73.7098	11.4769	36.7258	21.0989	22.8201	37.6155	4.4733	44.4733
CORWD	5.90217	-9.17578	0.2969G2	127.297	29.7748	-4.96117	-1.86506	-0.812705	8.49985	-8.09962
TWD	29.8953	11.7098	11.4769	29.7748	69.9933	2.67533	6.1289	17.1791	0.2876G5	18.6869
TA	10.7189	12.01	36.7258	-4.96117	2.67533	69.0929	30.5407	42.2766	32.7589	42.0075
	22.1184	22.1184	21.8989	-1.86506	6.1829	30.5407	48.1427	28.4353	19.2	22.226
	32.3165	23.8704	22.8201	-0.812705	17.1791	42.2766	28.4353	51.0716	16.1024	44.1767
	2.7762	-4.78782	37.6155	8.49985	0.7876B5	32.7589	19.2	16.1024	66.9783	24.6534
	28.866	18.5497	44.4733	-8.09962	18.6869	42.0075	32.936	44.1767	24.6534	79.4692
TKLDL	13.9673	19.2303	10.8177	27.6094	-7.11953	13.3762	-15.0179	7.81073	-0.0773	14.1085
TKDRKLN	7.76823	17.5899	6.53269	-27.6103	28.7537	17.6422	24.2206	25.8897	4.8556	30.8429
CRKWD	31.2927	7.56299	7.90302	20.2201	68.4 17	-7.32938	-1.18161	14.2033	-1.1374	17.9858
CRKWD	18.2715	2.46205	14.1653	34.4706	54.8706	-7.02831	-3.76582	12.9769	-10.5529	1.9058
VANGS	0.398101	-6.74709	11.7466	12.4977	-6.15111	7.64983	-8.54321	5.54699	5.15216	3.76843
VANGB	-1.97601	1.49033	14.1653	14.1429	7.80484	8.15469	-5.76856	3.41908	8.88384	-6.6856
SHANL	9.05771	20.5581	-7.83999	-9.39283	-3.99087	0.5884B5	5.77523	5.92631	-2.48503	-0.395769
NKWDFHD	-6.63118	-14.147	4.03839	-20.806	-15.8388	-1.96079	-13.5356	-13.5356	-4.95582	-14.9723
IBLWR	7.71835	17.0684	3.06106	-16.758	1.1434	20.1115	10.3957	20.607	3.00828	18.3559
OBLWR	8.05926	12.4506	-6.47083	-14.1662	4.41368	6.3089	0.0216782	10.0117	-0.14677	10.1381
INVLWR	9.90663	-14.7392	9.28444	-2.49449	-8.86909	11.6765	-22.7844	11.5715	7.10124	10.3824
ONLLWR	11.3787	7.28074	68.8255	-66.5159	-4.33765	35.3976	18.4158	20.1929	28.6704	43.6046
CORLWR	-13.967	2.38214	37.1361	-30.7116	-57.5498	60.9256	29.3326	30.776	39.4669	29.6692
CORLWR	-0.171702	4.30915	37.7931	-35.9931	-58.1836	51.8006	24.818	25.5195	40.2053	36.579
STLLBR	3.05027	21.6517	1.09494	-21.3838	7.98725	29.8034	34.1869	23.5343	9.22902	28.0611
TFLLR	-16.3687	-12.0303	19.29358	5.2396	-17.0827	-0.9213B	-8.55683	9.03057	-2.22769	-9.73581
INFLWR	6.16468	-9.23782	-5.88989	0.26957	-0.21768	-4.19836	-17.977	3.66935	-6.26868	0.15816
LINFWR	16.0951	22.1184	28.0727	-8.66531	23.9199	29.1506	32.1577	32.1208	11.2902	31.2179
ALNLR	23.8231	17.9405	-6.1156	-18.8206	19.9632	-15.5351	-4.57267	9.99265	-6.5128	84.7669
LDFFCLR	-12.7362	9.44254	1.00182	-7.58281	-19.5706	66.8059	25.1232	25.2733	16.8776	6.41701

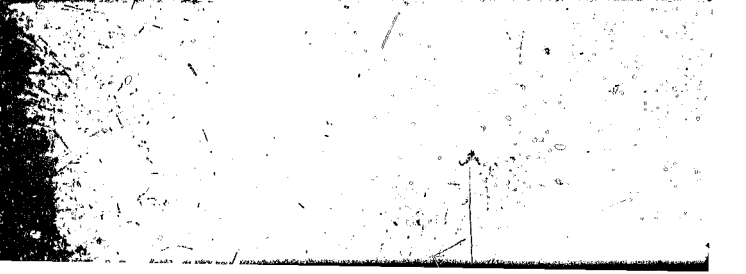




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	STMXLOL	VACHKLH	CRMXWD	CRMIND	VANGS	VANGB	SHINL	NWHOFHD	LBLWR	OBLWR
RACHLEN	13.7274	-8.59532	4.44088	6.56949	14.9859	-28.3332	-5.79572	41.7495	3.52675	-2.86737
LNTNDLH	31.0885	-20.3855	5.69356	1.53261	15.3367	-13.4089	3.99001	84.0818	-7.68067	-16.9566
LNWDRL	-8.44238	8.44084	0.48222	-4.21143	-40.679	-85.6196	97.1857	-1.9537	16.0271	-5.78141
RNLNL	11.4056	-14.2868	7.17861	11.1133	6.53197	19.3955	12.2553	8.2179	-2.13369	-21.6145
MXWDL	22.7887	-20.6549	6.65772	15.3895	44.6317	44.1936	-36.2972	9.64788	-19.184	-17.8319
APXAN	-1.80356	1.84096	-11.5579	-9.81139	12.6381	-19.5487	12.5734	-2.5263	-9.32063	9.79296
APXPS	9.62971	-1.58245	9.05703	18.1186	-19.1384	-1.67538	-11.0361	-3.03626	3.81967	2.42396
BSAN	-0.960704	12.3972	18.162	16.0099	29.1788	31.1841	25.6886	1.0169	13.4157	5.58791
BSPN	-10.1571	3.149307	15.4867	29.3559	35.3588	32.1267	19.7799	-13.3259	33.3807	12.9391
SVINS	10.6381	-0.618517	-3.17299	3.00243	58.1658	28.6773	-82.1631	3.22219	6.29852	28.9035
BNECD	2.57471	2.41024	16.6193	25.5572	37.5382	27.7431	27.1883	9.20907	12.8234	4.09781
PINBV	17.562	-6.47693	0.471998	13.2837	7.40077	14.7758	-0.128319	6.12397	-7.12467	-6.21098
PTLLN	0.02867779	-11.97161	19.0109	24.0767	10.9027	4.81474	49.3713	18.7042	12.7012	1.47734
INTLN	14.0947	22.4165	26.4742	25.2178	8.49661	-2.1604	-20.1575	-0.4981153	1.17837	3.60119
RBR	22.693	1.23656	10.0802	9.80442	9.45089	3.51992	0.0306893	-7.26994	13.1926	1.9096
SBRL	4.39069	31.9475	27.5896	28.0474	1.93772	3.5047	14.1159	-15.7446	33.3397	12.6523
OBRL	-0.6146676	20.1989	19.0159	19.538	-2.52987	4.55426	12.2671	-13.5555	17.1731	17.2668
IBRW	38.2372	23.1551	49.0667	42.0777	-2.54951	1.98634	-17.0192	-12.4482	-34.5051	-24.2783
OBRW	9.28005	8.31306	17.2967	13.9831	-1.46957	2.57159	9.75875	-11.5631	5.05083	-11.1148
PNKL	14.4783	4.01579	18.8619	12.4899	11.5405	3.20772	-4.90383	11.5333	6.18917	5.77528
LBRL	11.9673	2.76023	21.2932	18.2745	0.3941101	-1.97801	9.45771	-6.83101	7.7183	2.05926
MFLGR	-10.7203	17.2089	7.56599	6.56699	-6.74	-3.49053	20.3531	-18.147	17.0646	12.9506
CORLLW	19.4377	6.53269	7.90382	11.7544	13.1655	1.83994	-14.3398	14.3398	3.06706	-8.47083
CORLWD	27.6054	-21.8193	22.2203	24.4706	12.1977	12.9379	-9.39803	6.03339	-16.1788	-14.1662
CORTWD	-7.19109	28.5537	68.8917	58.1366	-6.15511	1.80689	-1.89087	-20.208	6.4364	4.41366
CORTLW	3.33765	7.16402	-7.12583	-5.03031	7.89883	8.15169	0.98889	-5.9348	20.1115	-6.9389
IRFW	-15.0279	20.2206	-3.18161	-3.76828	-8.50321	-5.76856	3.77523	-17.5079	10.3957	0.0216782
INFL	7.61077	29.8967	16.2833	12.8769	5.94694	5.03188	2.92671	-15.3273	20.607	10.3117
FMXLN	7.0773	4.8556	-7.3177	-16.5929	5.15816	8.88384	-2.46503	-8.45512	3.00288	-0.14677
AMXLN	13.1085	20.8429	17.9952	7.9932	3.76443	11.8868	-0.1955709	-18.9733	18.3559	10.1881
STMXLOL	122.393	-27.8813	17.8992	31.1877	16.5039	11.9076	-15.0251	7.727	-19.6068	-11.1087
VACHKLH	-27.8813	149.865	16.3069	7.56214	-15.7006	-26.0313	12.7801	-24.7154	11.2261	19.3975
CRMXWD	17.8992	16.3069	69.5975	64.643	-7.13029	-2.29791	2.29089	-11.6802	-1.94291	-0.4915455
CRMIND	31.1877	7.56214	64.643	130.498	-1.07952	4.43681	5.99007	-9.00835	6.29604	1.19665
VANGS	16.5039	13.7706	-7.13025	-1.07952	133.556	37.1433	-36.5764	7.84483	2.95721	5.50225
VANGB	11.9076	-26.0313	-2.29791	4.43682	37.1433	119.259	-73.8238	2.69871	6.16406	2.16957
SHINL	-15.0251	6.16402	5.99087	-36.5742	-73.8238	189.783	-9.13333	28.8245	0.0941145
NWHOFHD	7.727	-29.2156	-11.6802	-9.00835	-5.36849	-9.13333	40.9481	1.54021	-1.8211
LBLWR	-19.6068	21.2261	-1.94291	6.29605	2.95721	6.16668	28.8289	11.5421	66.7103	32.6184
OBLWR	-11.1087	19.8975	-0.4915455	1.19665	5.50225	2.16957	0.0941145	-1.8211	32.6184	184.856
IRVLWR	21.7488	-27.7453	-4.99956	6.006858	13.6878	18.763	-1.17268	13.0394	18.0636	14.8418
CRLLWR	3.38219	19.7167	-7.86712	-27.9558	3.68843	4.47413	5.29786	-15.9577	11.6406	-1.8801
CORLWR	0.3113*2	2.49151	-80.6337	-57.7682	13.3241	12.3915	-0.8777529	-4.50489	19.0777	3.15946
CORLWMR	-5.66 8	10.7175	-45.104	-80.9983	4.86513	7.09005	-2.13369	-6.89306	9.84638	1.23966
STLLWR	-100..26	38.5966	-11.6169	-26.3956	-8.83621	14.148	-13.8302	28.6131	7.56963	14.8418
TFLPLR	-13.5806	-4.5198	-23.921	-23.003	8.99617	-0.1805556	-11.8433	10.226	-13.4043	1.80621
IMFLWR	24.6093	-21.8173	9.05994	9.15692	13.7138	17.3699	-5.75777	17.1018	2.31998	17.9078
LMFPHR	1.33186	22.304	18.2081	11.8109	-1.92748	-0.490051	13.1789	-34.6775	20.0537	10.5853
ALFWLR	9.58902	7.83469	28.908	29.8671	-2.02882	1.51238	2.57998	8.13943	5.89414	0.4*351508
LCPFCLR	22.2931	7.57951	-39.4765	-52.0254	2.45506	-5.74532	-4.92408	-10.1369	17.6706	12.267

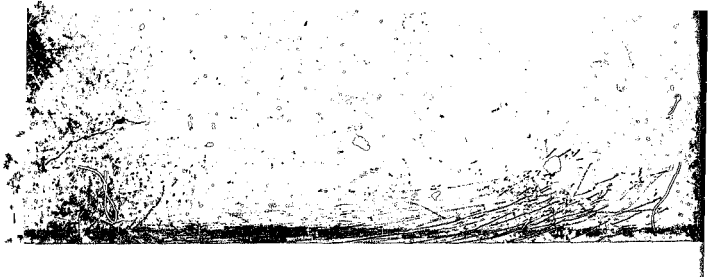




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFIR	ALFMLR	LCPFCLR
RAGMLEN	-9.07781	-3.96859	0.500542	-0.688589	0.0725614	-3.57816	-1.54562	-8.487	12.6061	-3.84881
INTRDLN	-5.95044	-7.18577	-6.78162	-4.46899	-24.1215	-2.70651	1.31974	-0.0733504	-1.56355	-7.03337
LNWRNL	2.23016	5.19581	1.16986	8.80917	3.17659	-3.0701	-6.50433	8.27106	-4.84004	-7.08859
HXLNL	8.85399	6.98752	0.179918	-2.98777	-10.5966	4.12051	2.56409	-1.16065	6.67422	-10.894
MXMDC	7.10961	7.51758	-2.21167	10.4478	-17.3618	9.38606	3.33333	-8.06326	8.82187	5.44552
APXAN	5.97731	1.91818	12.0593	6.70374	5.28698	1.04839	-0.805119	7.39655	-4.09427	6.32943
APXAPS	-17.6783	0.3758309	-2.09908	-5.68823	1.81518	-8.57579	-10.7782	-2.88938	8.16057	1.41091
BSAN	-11.766	-23.1125	-20.4925	-16.3765	8.8819	10.2681	-5.90636	6.97622	16.9377	-0.111845
BSPS	-6.0701	-2.80848	-0.26928	-4.13569	23.0851	-13.9263	-8.88299	14.4122	17.9327	-3.33869
SVINS	11.5198	-9.91051	2.64529	-0.993276	-5.34803	-7.46783	22.9991	-6.29293	15.2086	1.71353
NSECV	11.5093	6.5142	-2.15066	-6.12105	6.22032	9.94697	16.4757	3.89863	23.6692	-9.13149
PINSV	2.30966	16.8601	0.3928113	-7.9114	11.2544	6.58591	-5.2589	0.06648	-11.1978	3.48761
PTLLR	-5.87227	-4.0	-12.7296	-2.2975	3.37837	-0.2619028	-8.751757	5.31089	-8.98708	-8.46706
INTLN	-8.01535	-5.73653	-14.8116	-8.11906	6.62896	-21.86563	-2.23087	3.10788	-7.87198	-11.939
NDR	13.5891	7.19667	7.98663	9.22107	-8.18436	-12.6591	6.50015	11.9822	9.08499	11.3577
IBRL	9.76013	10.1583	-0.174926	15.1469	15.0072	-21.2781	4.58265	27.8897	17.0189	9.97886
OBRL	-5.70913	14.8588	5.29796	9.0319	16.1354	-18.0196	-8.10423	20.6206	6.90918	9.47166
IBRW	-2.1708	-1.18088	-27.1733	-5.8728	18.487	-22.5027	0.8 *678	19.0239	19.1871	-3.93961
OBRW	-9.49348	14.7282	5.29716	8.87515	7.0624	-18.2417	-12 132	18.7527	4.11739	3.37057
MXCL	7.01945	21.0187	8.148321	11.8585	8.09564	-11.004	0.6.039	16.1067	10.6175	1.54287
LBRP	9.90963	11.2187	-13.967	-0.1717702	3.03027	-16.3607	6.16468	16.0541	23.8231	-18.7362
NFLBR	-14.7392	7.26074	8.38614	4.30915	21.0577	-12.0622	-9.02742	22.1383	17.5906	9.94854
CORLLN	9.26446	68.2555	37.1341	37.7931	1.49448	0.2934.4	-2.88989	28.0327	-18.1256	1.00162
CORLWD	-2.99498	-66.5129	30.1716	35.5931	-21.3838	5.8396	0.29097	-8.66531	-18.8066	-7.68821
CORTWD	-8.86909	-4.33765	-57.9468	28.1836	7.98759	-17.0027	-0.21768	23.9199	19.9632	-19.5708
LCTPPA	11.6765	39.3936	60.9356	51.8006	29.2034	-0.8233208	-4.10838	29.3906	-15.5261	66.8059
INFW	-22.7844	18.1158	29.5326	28.618	34.1869	-2.55683	-37.977	22.1677	-4.57267	25.1232
LNFW	11.5215	20.1926	30.774	25.5195	29.5343	-8.91067	3.66915	19.1908	-7.99014	29.2733
FRKLN	7.10124	28.6704	39.4669	40.2053	9.28902	7.28769	-6.26803	16.9382	-63.8128	16.8776
ANKLN	10.3824	63.0606	29.6868	36.279	24.0611	-9.73981	8.10618	31.9179	24.7084	6.41701
NTNKLOL	21.7058	3.38219	0.9113.06	-5.66878	100.798	-13.5806	23.6583	133186	9.45693	-22.2971
VARKNLN	-27.7498	19.7167	2.49737	10.5775	38.5366	-4.5148	-21.5015	22.104	7.83659	-1.57961
CRRKWD	-1.80956	-7.05272	-31.5337	-35.3094	-11.6169	-23.921	5.459154	13.2041	-29.1458	-39.4702
CRRKWD	-6.06252	-27.2598	-57.7682	-80.0995	-26.3936	-23.003	9.15692	17.4109	29.8671	-32.0256
VANDS	13.6878	5.83843	4.3241	8.66513	8.08643	8.9941	13.7118	-1.97798	-2.02642	2.47206
VANGB	18.763	8.47413	12.3019	7.09006	-8.2305	-0.1899.38	17.3699	-0.4990051	1.51232	-5.19532
SHINL	-1.17268	-2.29768	-0.8777.29	2.13569	14.188	-11.8833	-5.75779	13.1789	2.75998	-4.89408
NWNOFHD	11.0394	-15.7977	-4.95829	6.29526	13.832	10.226	17.1078	-34.6775	2.13943	-10.1369
LNWR	16.0538	11.0982	19.077	9.96018	9.6151	-13.4443	5.11994	20.0527	6.19914	17.6766
OBLWR	16.8418	-1.8681	3.19496	1.28466	7.52963	1.86521	17.6978	10.5653	0.3351306	12.267
INVLWR	99.1826	9.91091	13.1739	13.1903	-10.5196	4.0942	62.7996	6.9513	0.414827	8.3388
CRLLWR	9.91057	99.8497	89.4028	52.1356	11.9435	-2.88469	-1.57284	30.4851	-2.92347	2.19313
CORLWR	13.1739	89.4028	128.963	77.086	26.0096	14.9958	-12.0569	11.7816	-34.8908	67.3079
CORLMWR	13.1903	52.1356	77.086	91.7714	31.0082	8.97811	-7.48102	15.6632	-25.6775	43.7161
STLLBR	-10.5196	11.9435	26.0096	31.0082	120.586	9.93551	-23.1502	16.1594	-2.85998	40.5667
TFLPLR	4.0942	-2.88469	14.9958	8.97811	9.93551	69.7699	9.1748	-9.25771	-20.1062	16.7533
INFLWR	62.7996	-1.57284	-12.0569	-7.48102	-23.1502	9.1748	81.5992	-2.86993	18.7331	-11.3349
LRNFIR	6.9513	30.4851	11.7816	15.6632	16.1594	-9.25771	-2.86993	62.5613	6.2815	13.9285
ALFMLR	0.414827	-2.92347	-34.8908	-25.6775	2.85998	-20.1062	18.7631	6.2815	106.984	-29.8772
LCPFCLR	2.3388	2.19313	67.3079	43.7161	40.5667	16.7533	-11.3349	13.9285	-29.8772	120.723



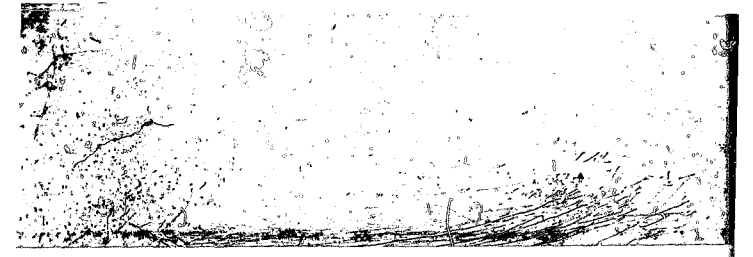
CANONICAL DISCRIMINANT ANALYSIS

UNIVARIATE STATISTICS

VARIABLE	MEAN	TOTAL STD	WITHIN STD	BETWEEN STD	R-SQUARED	RSQ/(1-RSQ)	F	PROB > F
RACHLEN	1.259311E-16	1.00000000	0.96898595	0.33686928	0.072810	0.088	5.527	0.0069
INTNDLN	1.15752E-16	1.00000000	0.97876281	0.28909454	0.056111	0.059	3.583	0.0289
LNWDRL	-0.001627926	1.00348756	0.94002786	0.46779867	0.133727	0.154	10.343	0.0001
NKLNL	0.001044222	1.00339822	0.89373137	0.57260558	0.218618	0.280	16.795	0.0001
NKWDL	0.002840193	1.0031109	0.95823894	0.28108992	0.026087	0.028	1.658	0.1999
APXAR	0.011152202	0.99501961	0.99539798	0.19346095	0.013956	0.014	0.848	0.3990
APXPS	-0.011255431	0.99518121	0.99713666	0.17134399	0.010940	0.011	1.363	0.2594
BSAN	-0.009706270	0.99712393	0.97331081	0.39102174	0.061205	0.065	4.368	0.0145
BBPS	-0.018963306	0.99289558	0.99148884	0.15988079	0.017615	0.018	1.187	0.3082
SVING	0.009816982	0.99697325	0.99017738	0.20350807	0.028093	0.029	1.937	0.1482
NSECV	0.001426529	1.00152880	0.97580657	0.32006457	0.068291	0.073	4.919	0.0067
PINSV	0.003886180	1.00300992	0.93655007	0.45951072	0.140952	0.164	10.993	0.0001
PTLLN	0.011514780	1.00350585	0.96995196	0.33992906	0.063208	0.067	4.521	0.0126
INTLN	0.000030760	1.00366267	0.96809360	0.25095409	0.046511	0.049	3.161	0.0436
NBR	0.011146809	0.99452006	0.50960018	1.04483366	0.741838	2.869	191.995	0.0001
IBRL	0.010821853	0.95680807	0.58219452	0.98965109	0.642976	1.803	131.903	0.0001
ORRL	0.012098331	0.99318186	0.54038068	1.02048557	0.708195	2.430	162.842	0.0001
IRNW	-0.000951187	1.00369162	0.85228934	0.67890407	0.289484	0.407	27.298	0.0001
OBRW	0.009561989	0.99731770	0.62971608	0.95506430	0.615869	1.603	107.420	0.0001
PF_L	0.013870903	0.99005735	0.59463836	0.97025783	0.644715	1.815	121.582	0.0001
LORP	0.016059404	0.98565937	0.71956628	0.83517286	0.482158	0.931	62.383	0.0001
NFLOR	0.011113043	0.99504076	0.57810686	0.99196014	0.667417	2.007	134.493	0.0001
CORLLN	-0.000038707	1.00366963	0.74166937	0.83244075	0.461972	0.859	57.329	0.0001
CORLWD	0.002732893	1.00319257	0.97966806	0.20139976	0.040586	0.043	2.833	0.0378
CORTWD	0.009818850	1.00280830	0.79041616	0.75140875	0.377616	0.607	40.651	0.0001
CLTPFA	0.005213567	1.00178858	0.72117895	0.85316819	0.498377	0.993	66.912	0.0001
INFW	0.005366053	1.00167364	0.99239772	0.26332570	0.067191	1.834	122.905	0.0001
INFL	0.007351144	0.99975506	0.61315808	0.96348785	0.624273	1.662	111.291	0.0001
FMXLN	0.009827144	0.98205475	0.70283176	0.87845329	0.516113	1.067	71.462	0.0001
AMXLN	0.003885634	1.00263971	0.77009986	0.79179287	0.418798	0.720	48.067	0.0001
STMXLOL	0.001583094	1.00349617	0.99951511	0.03093412	0.001479	0.119	8.001	0.0005
VACMXLW	-0.002519999	1.00333020	0.99754901	0.09173143	0.010232	0.114	7.643	0.0007
CRMXWD	0.006041711	1.00061015	0.61770275	0.71405906	0.341998	0.520	34.803	0.0001
CRMNWD	0.000240728	1.00366578	0.98604781	0.16678363	0.027849	0.030	2.337	0.0185
VANGS	-0.000969317	1.00365966	0.99833379	0.05718236	0.005125	0.026	1.727	0.1818
VANGB	-0.003913547	1.00260850	0.98446223	0.13378320	0.125576	0.144	9.631	0.0001
SRINL	-0.003954070	1.00288353	0.96483925	0.26299016	0.067969	0.073	4.982	0.0021
NWROFHD	9.882095E-15	1.00000000	0.95008866	1.08209828	0.701652	2.354	157.751	0.0001
NLWR	0.010013911	0.99289657	0.70957617	0.83988109	0.502539	1.010	67.657	0.0001
OBLWR	0.009459156	0.99795401	0.96527872	0.33828890	0.077247	0.084	5.609	0.0046
INVLWR	-0.000945814	1.00365359	0.86163083	0.69087898	0.372886	0.377	25.364	0.0001
ORLLWR	-0.001236504	1.00356383	0.66363407	0.93670007	0.710315	0.370	24.820	0.0001
CORLWR	0.000681016	1.00343758	0.97913009	0.20553226	0.068237	0.066	4.447	0.0135
CORLMWR	0.006919259	1.00199878	0.82726331	0.70813906	0.327691	0.488	32.686	0.0001
STLLBR	0.007409521	0.99986013	0.94582947	0.41030459	0.113090	0.128	8.543	0.0003
STLLFR	0.008331537	0.99865657	0.60994011	0.96969800	0.632801	1.726	115.661	0.0001
INFLWR	0.001903965	1.00341866	0.78035402	0.77838550	0.394083	0.650	43.582	0.0001
LCNFWR	0.004005215	1.00000000	0.68385606	0.89668651	0.519973	1.176	78.643	0.0001
ALFWLR	-0.001909892	1.00340650	0.89232283	0.57259093	0.218688	0.280	18.753	0.0001
LOFFCLR	0.008253861	1.00328651	0.94916698	0.40996386	0.144037	0.168	8.967	0.0002

AVERAGE R-SQUARED: UNWEIGHTED = 0.2893406 WEIGHTED BY VARIANCE = 0.2887368



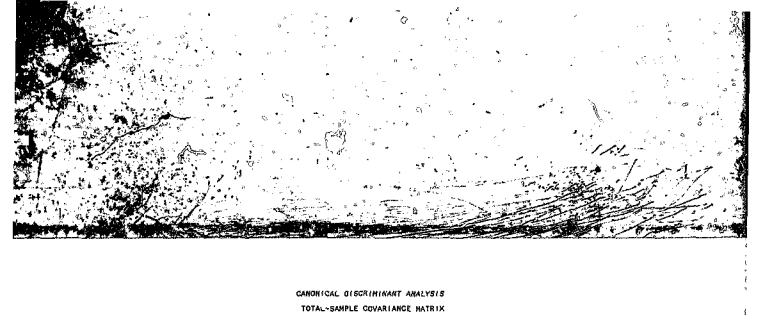


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	LBRP	RFLOR	CORLLN	CORLWD	CORTWD	LGTPFA	INFW	INFL	FMXLN	AMXLN
RACHLEN	-11.335	-10.9113	-21.4963	-6.4855	-14.1657	-11.5986	-5.9634	-12.5304	-15.5961	-13.4453
INFWDLM	13.8495	16.1593	3.0683	3.3315	9.0933	14.8232	20.9262	16.3868	11.5413	10.0478
LNWDRL	-27.7217	-30.6332	-33.9233	-12.3116	-28.0446	-28.3362	-25.5526	-31.5124	-32.1018	-28.4772
MXLNL	-30.1237	-40.1706	-43.7077	-16.5477	-37.0959	-40.0193	-38.6933	-44.0817	-43.9559	-39.1329
MXWDL	-15.1778	-17.7129	-14.1156	-5.9079	-13.7771	-15.5357	-16.6167	-17.4605	-16.132	-14.5394
APXAN	10.5601	14.181	10.4979	4.2186Z	9.8951	10.8059	11.1992	10.1169	11.0433	10.2752
APXPS	9.7403S	12.4629	3.8719N	2.8096S	7.0057S	9.9989S	13.7092	11.4465	8.5726T	8.1047
BSAN	21.7729	24.9681	22.3952	8.8733P	20.5098	22.0757	22.5097	24.0991	23.8236	21.3529
BSPS	12.1935	14.3981	10.5449	4.55	10.7868	12.4848	13.8121	14.6946	12.7025	11.992
SVINS	-15.9358	-18.0927	-14.1123	-5.0944	-13.9368	-15.8215	-17.0689	-17.7926	-16.3927	-14.7439
NSEDV	-22.898	-28.0036	-27.7051	-10.6385	-23.8671	-28.625	-26.6238	-28.373	-30.5007	-28.5007
PINSV	-24.7728	-29.6589	-31.393	-11.7657	-31.1628	-35.5094	-30.2183	-40.1253	-36.8424	-33.2274
PTLLN	18.7704	20.7483	22.9544	8.3469	18.9838	19.1866	17.2107	21.2728	21.7313	19.2784
RTLN	-5.4413	-6.3763	-10.4317	-3.8758	-8.9043R	-5.9344R	-0.457743	-5.82965	-8.81236	-7.42096
NSR	78.8785	92.0531	73.3205	30.695	71.5824	80.7325	86.3377	90.7364	83.8898	75.5425
IBRL	75.9854	89.3713	64.1532	28.2377	66.3783	77.2994	86.1681	89.1398	78.2716	70.8706
IBRL	77.7101	92.1867	64.9902	29.712	67.6786	79.5612	89.773	89.7734	79.9728	72.3276
IBRW	19.3163	59.3814	37.911	17.5584	41.7085	50.5208		57.1358	49.6136	45.1946
IBRU	72.0761	86.3974	56.2845	26.0101	61.5139	73.8876		83.4189	73.1068	66.487
PRXL	73.7251	86.5737	66.2283	28.2613	66.1116	75.501		84.9578	77.626	70.0895
LBRP	61.7069	75.3518	54.149	23.8971	56.1083	65.231		73.5388	65.1703	57.8997
RFLOR	75.3518	89.8706	60.9269	27.5986	65.1593	77.1786		87.1108	77.1986	70.0159
CORLLN	54.149	60.9269	63.8901	23.5975	55.9252	65.7142	62.8194	66.0896	60.0816	53.1743
CORLWD	23.8971	27.5986	23.5975	9.56177	22.1776	24.454	25.3968	27.1874	25.8498	23.2166
CORTWD	56.1083	65.1593	55.9252	22.1776	51.5424	57.4569	59.1379	64.5017	60.2273	54.1825
LGTPFA	65.2313	77.1786	65.7142	24.454	57.4569	66.7936	74.3007	75.2703	67.7283	61.8137
INFW	72.5176	87.1108	66.0896	25.3968	64.5017	74.3007	88.1139	88.138	72.1456	65.8667
INFL	73.5088	87.1108	62.0288	27.4274	64.5017	75.2703	88.138	88.8858	76.1007	68.9382
FMXLN	66.1703	77.1986	60.0816	25.8962	60.2691	67.7283	72.1456	76.1007	70.1801	63.4891
AMXLN	59.8987	70.0159	55.1743	23.2148	54.1825	61.8137	65.8667	68.9382	63.4921	57.6627
RTPDLDL	25.8987	28.8898	30.4029	11.2757	25.7417	26.4019	24.628	29.0896	29.957	26.5969
ANGMLN	7.70828	12.2279	8.18058	0.0992877	1.954888	7.96378	17.4592	9.58186	3.22855	3.17564
CRWMWD	53.882	67.8003	51.3576	21.0819	49.8034	58.5296	57.2514	61.2116	57.2163	51.6437
CRNWWD	16.808	19.0605	20.8472	7.49609	17.8952	17.1822	15.6816	19.1214	19.3567	17.3502
VARGS	7.37713	7.98701	12.9916	4.07854	9.98167	-1.78722	-4.79788	-0.8406	-9.97914	-8.66824
VARGS	30.4429	34.5972	35.6675	12.6747	31.1745	31.1394	38.7662	39.4186	33.1673	30.1899
SHINL	-21.0396	-23.6651	-27.3081	-9.72888	-24.0666	-21.9096	-19.1351	-24.3215	-25.1724	-22.2757
MXWDFRD	-7.7869	-9.5909	-8.7348	-2.6749	-5.5534	-7.9637	-10.1919	-12.6876	-7.9078	-7.2479
IBLWR	63.4393	77.076	57.5249	24.8611	58.2202	66.9986	73.578	75.9366	68.4734	61.8951
CRLWR	19.1569	19.4866	24.9139	8.58737	19.3234	19.5985	15.1552	20.5168	21.9003	19.8899
IRVLWR	-26.9284	-28.4783	-8.27214	-7.03162	-18.3575	-29.7179	-46.7845	-38.3174	-23.515	-22.4357
CRLLWR	39.3303	43.4867	48.2201	17.5107	39.815	40.1914	36.183	49.4927	43.5566	40.4163
CORLWR	23.118	27.6631	18.2628	6.38595	19.8389	23.6787	27.2036	26.7545	23.9228	21.3794
CORLRWR	53.3872	63.9906	44.9185	19.889	46.7926	54.6687	61.1076	61.4537	55.2172	50.0251
STLLRR	24.1299	27.3703	11.9177	7.94351	18.3759	25.4202	33.9583	25.0478	22.5093	20.9878
TFLPLR	-73.6437	-87.0707	-59.1693	-26.9395	-63.6198	-75.4281	-85.2976	-85.1038	-78.3195	-68.387
IRVLWR	-40.3276	-46.4096	-18.1953	-12.5071	-27.5699	-41.4602	-55.0139	-53.1245	-43.4265	-38.9409
LRNTHR	60.397	80.9477	58.2771	25.6141	60.1976	70.0355	77.9895	83.9119	70.9696	64.256
ALPHLR	-12.7679	-9.9313	-1.1419	-1.9033	-4.3913	-10.9831	-15.7489	-15.2152	-15.1564	-12.1216
LGPFCLR	22.8229	29.4322	7.9826	6.3773	16.03	23.4247	32.7626	27.8712	19.968	18.7331

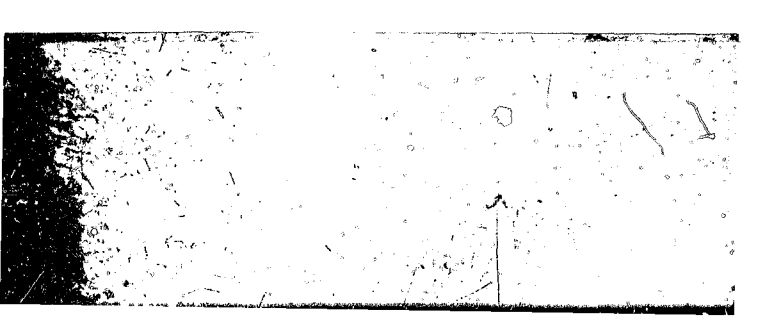


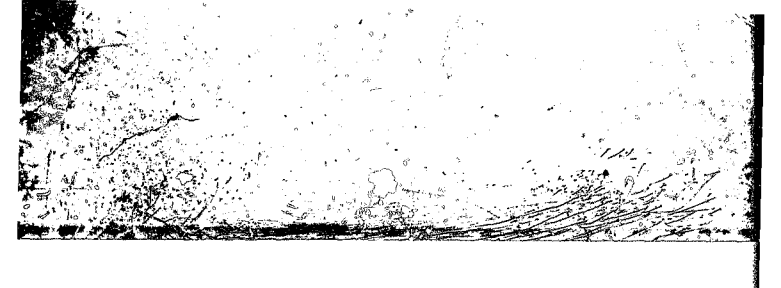


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLN	LNNDRL	MXLNL	MXWDL	APXAR	APXPS	BSAN	BSPS	SVINS
RACHLEN	1.0000000	0.6229823	0.1203687	0.2173075	0.0975119	-0.0891638	-0.1038201	-0.1371507	-0.0220443	-0.0020481
INTNDLN	0.6229823	1.0000000	0.0447408	0.1141058	0.0715922	-0.0661309	-0.1278966	0.0169715	-0.0461115	-0.1265886
LNNDRL	0.1203687	0.0447408	1.0069872	0.9990108	-0.3735629	-0.4701009	0.0370923	-0.9999869	0.0290598	-0.2917651
MXLNL	0.2170275	0.1141858	0.9990108	1.0079018	0.6681187	-0.2693582	0.0301238	-0.1575575	0.1284773	0.0425710
MXWDL	0.0975124	0.0715902	-0.3733629	0.6681187	1.0062316	0.1145003	0.0021536	0.2805564	0.0805807	0.3313534
APXAR	-0.0891638	-0.0661149	-0.4701009	-0.2693582	0.1145003	1.0000000	-0.2992752	0.0600628	-0.1389847	0.2696493
APXPS	-0.1038201	-0.127	0.0370923	0.0301238	0.0021536	-0.2992753	0.9967942	0.1520309	0.1817843	-0.0798529
BSAN	-0.1371507	0.017	-0.9999869	-0.1575575	0.2805564	0.0600628	0.1520309	0.9962561	0.2577877	0.0631777
BSPS	-0.0220443	-0.0664115	0.0290598	0.1284773	0.0805807	-0.1389847	0.1817843	0.2577877	0.9857601	-0.0509652
SVINS	-0.0020481	-0.1265886	-0.2917651	0.0425710	0.3313534	0.2696493	-0.0798529	0.0631777	-0.0509652	0.9999357
RSECV	0.0884215	-0.0273564	0.2303779	0.2757795	0.3857640	-0.1497798	-0.0165535	0.0390756	0.2263392	0.3338767
PINSV	-0.0121300	0.0068330	0.1391396	0.3629548	0.1848126	-0.0771769	-0.0079160	-0.0387598	0.0571822	-0.0736448
TFLLN	0.0960515	0.0219603	0.0316059	0.2620663	0.1783095	-0.0906172	-0.0865966	-0.0311777	0.1726012	0.0913662
INTLN	0.2203576	0.1009923	-0.0455603	0.2052605	0.2603715	0.0664915	-0.1075901	0.0098942	0.0206857	0.0350081
NBR	0.0460386	0.1591014	-0.0215914	-0.4086161	-0.1992600	0.1861962	0.0537716	0.0209042	0.1529313	-0.1811019
IBRL	-0.0457706	0.1071774	-0.2068551	-0.1616501	-0.1936298	0.0528006	0.1419290	0.2445095	0.3238512	-0.1717741
OBRL	-0.0357682	0.1139173	-0.1916152	-0.2025415	-0.1757722	0.0782140	0.2192751	0.2439538	0.3251868	-0.1768111
IBRW	-0.0005678	0.1395090	-0.2578928	-0.2328265	0.0015972	0.0533197	0.1560556	0.2291674	0.0897608	-0.1107276
OBRW	0.0095079	0.0508863	-0.1286888	-0.1819343	-0.0595210	0.0532579	0.1094559	0.1810417	0.2801103	-0.2061472
PMXL	-0.0001837	0.1502716	-0.2679619	-0.3098806	-0.0783720	0.2190395	-0.0086721	0.1467446	0.1091164	-0.0871231
LBRF	0.0368875	0.1759266	-0.1295494	-0.1829897	-0.0719981	0.0385922	-0.0741638	0.1190410	0.0093562	-0.0721478
NFLGR	-0.0179926	0.1567571	-0.1213867	-0.1672144	-0.2428303	0.1131079	0.0985496	0.2302947	0.3008297	-0.1645772
CORLLN	-0.1657010	0.0376684	-0.1608295	-0.2230744	-0.0964018	0.0725372	0.0558962	0.0759934	0.6909752	-0.1043086
CORLWD	0.0045597	0.1516020	-0.1219679	-0.0947607	0.1191588	0.0056920	0.0369114	0.0757790	0.0348442	0.0816327
CORTWB	-0.1633922	-0.0275884	-0.1586283	-0.2520180	-0.0965578	0.0003828	0.1017311	0.0357132	0.1281992	-0.0963109
LOTPPA	-0.0522653	0.1040598	-0.1780278	-0.2819977	-0.1017576	0.0812169	0.1105198	0.1296911	0.1568160	-0.1072626
NPW	-0.0251197	0.0933179	-0.1290460	-0.2172902	-0.1560730	0.1186186	0.1608043	0.1975519	0.1695112	0.0219654
INFL	-0.0061994	0.1371004	-0.2157605	-0.2108729	-0.1423674	0.1035209	0.0559005	0.2356829	0.2988658	-0.1130606
PMXLN	-0.1158136	0.1256112	-0.2017936	-0.2720856	-0.0815522	0.1176368	0.0259377	0.1230794	0.0831554	-0.1680353
MXD	-0.0005719	0.0349177	-0.1282089	-0.2096179	-0.1525553	0.1033218	0.0921279	0.1886593	0.2513086	-0.0281060
STMKLOL	0.0241266	0.0429962	-0.1820802	-0.0692186	0.180726	0.0236310	0.0528112	0.0717343	-0.0378234	0.0287809
VACNKLN	0.0035562	-0.0196126	-0.0131521	-0.1139966	-0.0133867	0.0600254	0.0357811	0.0862554	0.0357811	-0.0115981
CRWKWD	-0.1671372	0.1046592	-0.1926689	-0.2131501	-0.0947258	-0.0310123	0.1151282	0.2813660	0.1891545	-0.1206558
CRWKHT	-0.0041091	0.0756193	-0.1113915	-0.0198962	0.0807806	-0.0480112	0.1405812	0.1782680	0.1662763	-0.0702169
VANGS	0.1539672	0.1258365	-0.2455632	0.1107599	0.3447004	0.2230747	-0.1379153	0.1840943	0.0577835	0.4457674
VANGS	-0.2385811	-0.0776884	-0.1855980	-0.0218590	0.2683110	0.0191876	-0.0886753	0.1181716	0.0830259	-0.0915066
SHINL	0.0320566	0.0371076	0.0235459	0.1732855	-0.3718403	-0.3227810	-0.0876307	-0.2575089	0.2618700	-0.2682509
NUMOFND	0.3941573	0.0433116	0.2231491	0.3998152	0.2093820	-0.1920088	-0.1152766	0.2209863	0.2073769	0.2219654
IBLWR	-0.0677556	0.0421287	-0.0985823	-0.1173889	-0.2964729	0.0651703	0.0429316	0.2650088	0.3376295	-0.1713315
OBLWR	-0.0937057	0.1319578	-0.1825328	-0.2830895	-0.1676154	0.0926670	0.0197930	0.1823541	0.1211376	0.1768413
INVLWR	-0.1337925	-0.1680296	0.0181995	0.1074092	0.0928771	0.0817211	-0.2021486	-0.1260365	-0.0863221	0.1283779
CRLLWR	-0.1560938	-0.0150913	-0.0761335	-0.1900702	-0.1711445	0.0711520	0.0182895	-0.0471362	0.0728570	-0.1487513
CORLWR	-0.0187066	-0.0067707	-0.0365083	-0.0950191	-0.0582265	0.1289405	0.0135191	-0.0950705	0.0257379	-0.0211954
CORLNWR	-0.0711728	0.0992867	-0.1652234	-0.2598809	-0.1699042	0.1188031	0.0181909	0.1912510	0.0845823	-0.1092509
STLLBR	0.0192278	-0.0999457	0.0108815	-0.1469648	-0.0623189	0.0827584	0.1035215	0.1176849	0.2036891	-0.0750860
TFLPLR	0.0512346	-0.1516303	0.1967625	0.1469894	0.1962200	-0.0797128	-0.1529660	-0.2546619	-0.2059385	0.0750368
INFLWR	0.0745849	-0.0111776	0.1040353	0.1081310	0.0998591	-0.0496171	-0.0966211	-0.1035910	-0.0844803	0.2362099
LNNFHR	-0.1208631	0.1096616	-0.1570149	-0.2164048	-0.1789950	0.1372974	0.0560912	0.2220049	0.2026665	-0.1679028
ALFNLR	0.1726050	-0.0999457	0.1187683	0.2621582	-0.1014793	-0.0851879	0.0211869	0.0079534	0.1746432	0.1899829
LCPPCLR	0.0067975	0.0735183	-0.0732095	-0.1326264	-0.0742793	0.0653970	0.0387126	0.0375536	0.0707456	-0.0235750





CANONICAL DISCRIMINANT ANALYSIS

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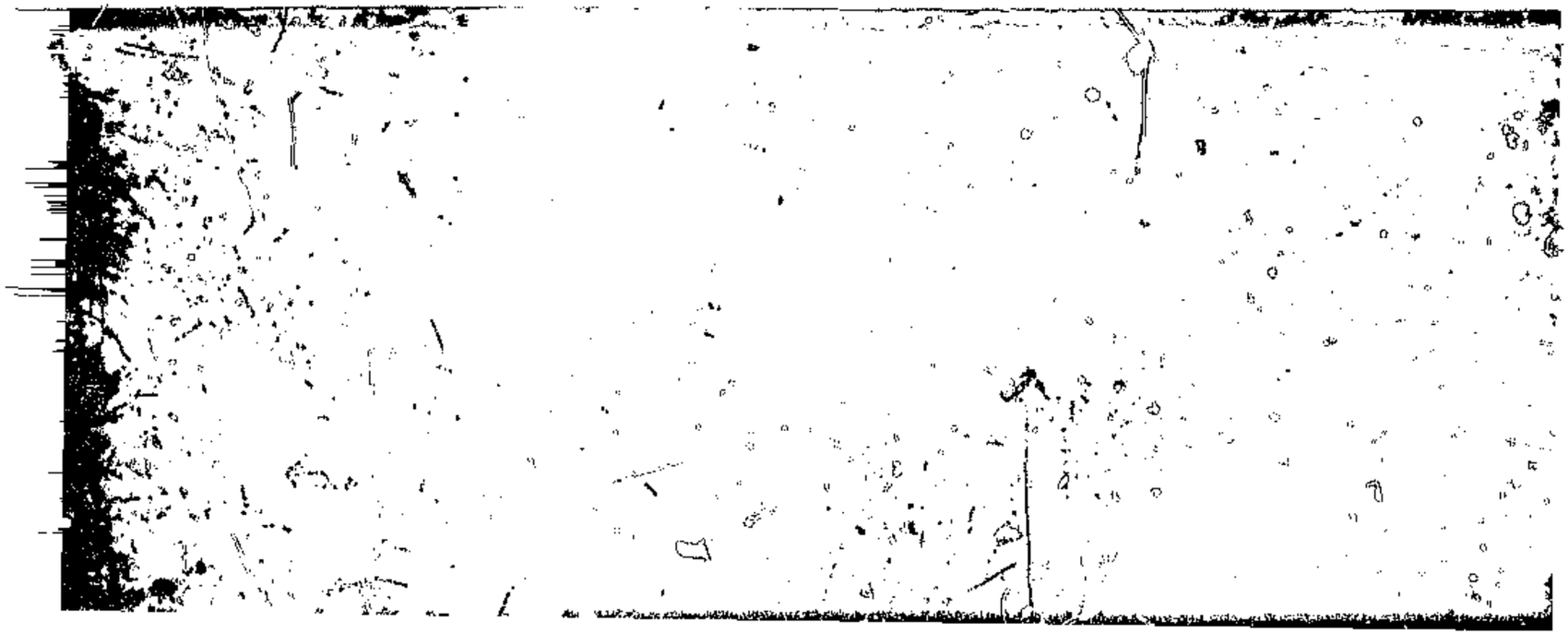
VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PRKL
RAGMLEN	0.0888215	-0.0131300	0.0960519	0.2203578	-0.0460366	-0.0657706	-0.0397642	-0.0065678	0.0045019	-0.0003837
INTRLN	-0.0273560	0.0068330	0.2218605	0.1000903	-0.1591011	0.1017714	0.1788373	0.1395040	0.2906661	0.1502718
LNGNL	0.2301379	0.1391166	0.2916012	-0.0455803	-0.2916176	-0.2908591	-0.1628526	-0.2578028	-0.1886884	-0.2679819
MXLNL	0.5757954	0.3095498	0.3620663	0.2052625	-0.4686151	-0.3616501	-0.2925435	-0.2322265	-0.1819343	-0.3098806
MXWDL	0.1857640	0.1848186	0.1183091	0.2603713	-0.1500600	-0.1936248	-0.1475725	0.0015472	-0.0655210	-0.0783720
APKAN	-0.1497798	-0.0771764	-0.0904175	0.0564475	0.1861962	0.0526006	0.0783440	0.0531197	0.0352579	-0.2130329
APXPS	-0.0465535	-0.0279164	-0.0569090	-0.1075501	0.0537718	0.1412958	0.1285781	-0.1560556	-0.1086559	-0.0086725
BSAN	0.0390756	-0.0301598	-0.0961364	0.0098302	0.2619712	0.3465059	0.2699538	0.2291674	0.2186417	0.1467486
BSPS	0.2883896	0.2073875	0.1776012	0.0206587	0.1529713	0.1238812	-0.2651988	0.0897608	0.2001185	0.1091156
SVINS	0.2338767	-0.0536443	-0.0919862	0.0310081	-0.0811479	-0.1117741	-0.1589011	-0.1107276	-0.2061472	-0.0871331
NSECV	1.0070706	0.0335630	0.1895562	-0.0011817	-0.1366080	-0.1024630	-0.1497392	-0.1128085	-0.1269311	0.1609177
PINSV	0.0338478	1.0060289	-0.0523630	0.1237980	-0.2357737	-0.3236062	-0.3271018	-0.1807322	-0.2699855	-0.3195567
PTLLN	0.2095940	-0.0523630	0.9752563	-0.0796097	0.0602007	0.2019312	0.2084750	0.0894598	0.1781178	0.1893178
INTLN	-0.0017817	0.1237980	-0.0796097	1.0073588	0.0190954	0.0569519	0.0629489	0.1663296	0.0818766	0.0566380
NBR	-0.1362680	-0.2357737	0.0602007	0.0190954	0.9890701	0.6385637	0.7966162	0.5789752	0.7715357	0.8441657
IBRL	-0.1024630	-0.3236062	0.2019312	0.0569519	0.6385637	0.9088546	0.8756625	0.6448356	0.7781826	0.7517820
OBRL	-0.1497392	-0.3271018	0.2084750	0.0629489	0.7966162	0.8756625	0.9870056	0.5786871	0.8765471	0.7898080
IBRW	-0.1128085	-0.1807322	0.0894598	0.1663296	0.5789752	0.6448356	0.5786871	1.0071186	0.8286637	0.5369275
OBRW	-0.1269311	-0.2699855	0.1781178	0.0818766	0.7715357	0.7781853	0.8765471	0.8286637	0.9946486	0.7120915
PRKL	0.1609177	-0.3195567	0.1893178	0.0566380	0.8441657	0.7517820	0.7898080	0.5369275	0.7120915	0.9806096
LBRP	0.0094803	-0.2918567	0.2426408	0.0901749	0.6629197	0.7111200	0.6511381	0.5248827	0.5932793	0.7014929
NFLDR	0.1815288	-0.2918564	0.2107569	0.0109974	0.6691201	0.8169277	0.8201079	0.5290872	0.7381021	0.7969053
CORLLN	0.0038819	-0.2648822	0.1983665	-0.0603034	0.6023932	0.5382572	0.5702331	0.3571660	0.5479309	0.6569564
CORLWD	0.0071117	-0.0826514	0.1825519	0.1392309	0.4622267	0.1759639	0.1787780	0.2618926	0.2370711	0.2138482
CORTWD	-0.0667913	-0.1896574	0.1909425	-0.1317125	0.5852009	0.6680353	0.6307502	0.6072595	0.5683295	0.6025814
LGTPFA	-0.1008061	-0.2546112	0.1591300	-0.0219593	0.7382666	0.7532252	0.7362130	0.4778410	0.6790603	0.7029952
INFW	-0.2190710	-0.2799597	0.1556228	0.0933792	0.6620483	0.7257094	0.7615657	0.4808329	0.7178426	0.7279138
INFL	-0.0936509	-0.3069160	0.1982576	0.0774335	0.8034006	0.8953384	0.8779135	0.6196124	0.7579776	0.8217607
FRKLN	0.1596573	-0.2411371	0.1577301	0.0400621	0.6422238	0.9096622	0.8356655	0.3695391	0.5985666	0.6376031
ANKLN	0.0152707	-0.1311650	0.1781286	0.1162782	0.6886500	0.7452960	0.6993166	0.5051170	0.6151900	0.7107646
STMKLOL	0.0336683	0.0169990	0.0813820	0.0515090	0.4238035	0.2575697	0.2194504	0.1404665	0.2639906	0.3363890
VAGMXT	-0.0310030	-0.0696088	-0.1162898	0.2215226	0.0410994	0.3017485	0.2320868	0.2965028	0.1605716	0.0746797
CRMWD	-0.0072770	-0.0161450	0.1273666	0.1363271	0.5760196	0.6652978	0.6095633	0.4231969	0.5565601	0.6082801
CRMWHD	0.1327095	0.0243791	0.1577280	0.2498769	0.2905548	0.3516044	0.2917591	0.1922048	0.2286068	0.2925165
VAWDS	0.2835963	0.0950654	0.1163900	0.0952317	0.1468260	0.0509856	-0.0040847	-0.0179782	-0.0720790	0.0111765
VAWDB	0.1509664	-0.0801285	0.1815091	-0.0633127	0.3200927	0.2897965	0.2998799	0.1733151	0.2563110	0.2919260
BHINL	0.2390762	0.0980588	0.2503966	-0.0960005	-0.0180699	-0.0813696	-0.0958619	-0.2273305	-0.0854282	-0.2198909
NWHDFND	0.2819031	0.2043980	-0.1370931	0.0331568	-0.7943695	-0.7900033	-0.8139912	-0.5904057	-0.7388309	-0.7831199
IBLWR	-0.0798551	-0.1345790	0.2399857	-0.0401086	0.6287137	0.8150082	0.7337169	0.1787770	0.4579776	0.4007016
OBLWR	-0.0895275	-0.1276764	-0.0297427	-0.0267980	0.8162830	0.8995375	0.8802679	-0.0957099	-0.1736815	0.2100458
IWXLWR	0.1997971	0.1130369	-0.0945383	-0.1274976	-0.1177231	-0.1837875	-0.3216905	-0.2802866	-0.3981456	-0.1667107
CRLLWR	-0.0131762	-0.2868897	0.0889707	-0.1296130	0.4290627	0.4168282	0.4472262	0.2092386	0.4052206	0.5098037
CORLWR	-0.0813258	-0.0843187	0.0775210	-0.1125186	0.2652773	0.2008467	0.2478215	-0.0681198	0.2348844	0.2572702
CORLWHR	-0.1674952	-0.2711783	0.0597982	-0.0606939	0.9519385	0.9858895	0.9439825	0.2902228	0.5111198	0.5362511
STLLWR	-0.0385300	-0.1732146	0.0634816	0.0725217	0.7401020	0.3280178	0.3174861	0.0265703	0.2892145	0.2715268
TFLPLR	0.2416312	0.2403929	-0.1505008	0.0082547	-0.7941436	-0.6134901	-0.7966614	-0.5926875	-0.7594281	-0.7031766
INFLWR	0.2705442	0.1633928	0.0623513	0.0821676	-0.8587756	-0.8216258	-0.8436817	-0.2777870	-0.4841815	-0.3075051
LRNFHR	-0.1525304	-0.3939062	0.1880793	-0.0191356	0.7945851	0.8016208	0.7947303	0.5857607	0.7770800	0.7748598
ALFRLR	0.2783267	0.0937881	-0.0339132	0.0370576	-0.3344827	-0.2965104	-0.3250081	-0.0923418	-0.3193765	-0.2921836
LOPPCLR	-0.7490074	-0.0594831	-0.0679006	-0.0201965	0.0614862	0.2755775	0.2595304	0.0810599	0.2422338	0.1696414



CANONICAL DISCRIMINANT ANALYSIS

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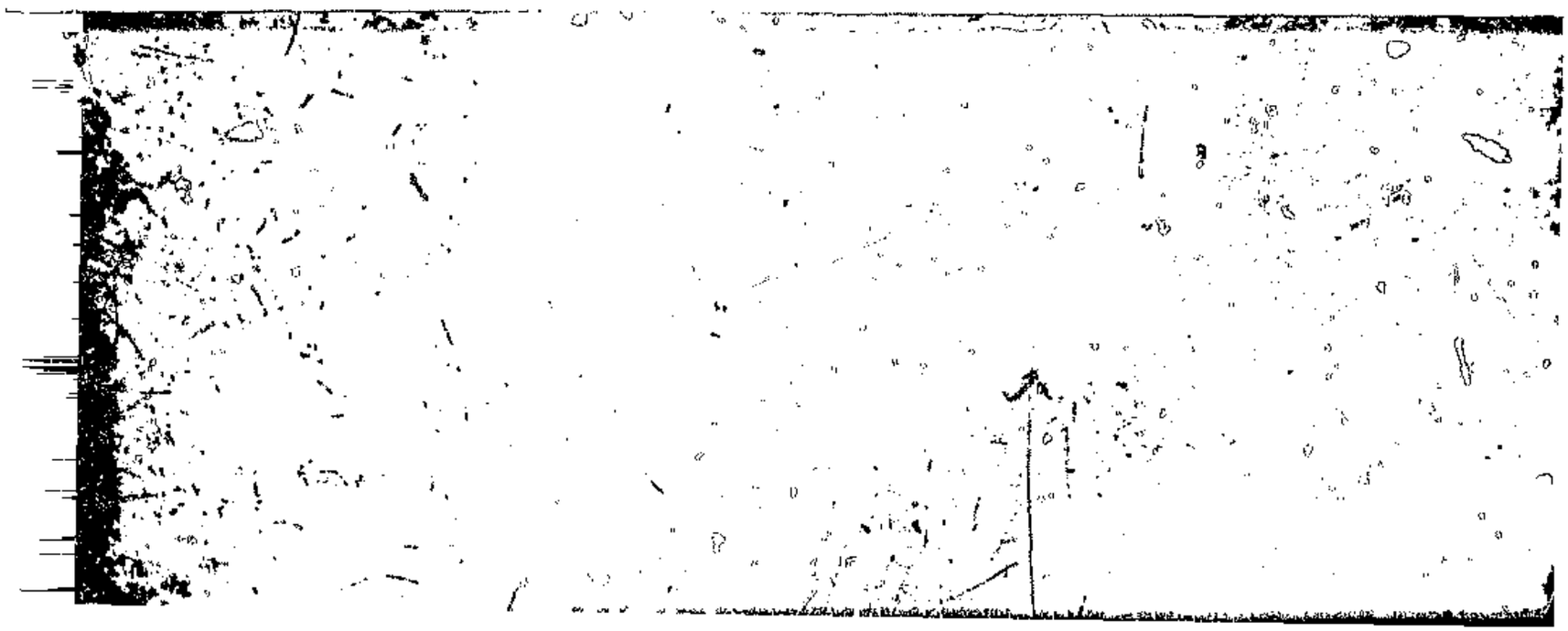
VARIABLE	STMXLOL	VACMXLN	CRMXHD	CRMNHD	VANOS	VANGB	SHINL	NWNOFHD	IBLWR	OBLWR
RACMLEN	0.0241266	0.0035562	-0.0671372	-0.0041097	0.1539672	-0.2385211	0.0320586	0.3941975	-0.0677556	-0.0937857
INTNOLN	0.2424562	-0.1098168	0.1046552	0.0154197	0.1258365	-0.0755393	0.0371076	0.0433714	0.0421227	-0.1319578
LNWDRL	-0.1820802	0.1038942	-0.1929685	-0.1111915	-0.2455632	-0.3156204	0.8235459	0.2219391	-0.6965223	-0.3428390
MXLNL	-0.0692186	-0.0791521	-0.2131501	-0.0198962	0.1107599	-0.0238580	0.3732455	0.3994347	-0.3179890	-0.2820205
MXWDL	0.1180726	-0.1579966	-0.0472758	0.0807806	0.3447004	0.2685110	-0.3718403	0.2043420	-0.2564725	-0.1676154
APXAN	0.0236310	0.0133867	-0.0310123	-0.0460112	0.2250747	0.0191876	-0.3227210	-0.1928088	0.0651703	0.0928470
APXPS	0.0528112	0.0260692	0.1151282	0.1405812	-0.1379153	0.4088753	-0.0876307	-0.1152764	0.0424316	0.0197930
BSAN	0.0717343	0.0862254	0.2813660	0.1702480	0.1844043	0.3181716	-0.2575089	-0.2720963	0.2656088	0.1021541
BSPS	-0.0378234	0.0357811	0.1891545	0.1662763	0.0977835	0.2882453	-0.2618700	-0.2073186	0.3376225	0.1211374
SVINS	0.0287809	-0.0139581	-0.1206558	-0.0102165	0.4437674	0.1245366	-0.2682509	0.1613586	-0.0713315	0.1764413
NSECV	-0.0336623	-0.0310030	-0.0075776	0.1327095	0.2835463	0.1509664	0.2390762	0.2419031	-0.0798551	-0.0895275
PINSV	0.0169990	-0.0646068	-0.2161245	0.0243791	0.0905654	-0.0201245	0.0940508	0.2643890	-0.3165709	-0.1278764
PILLN	0.0813820	-0.1162848	0.2773666	0.1577280	-0.1163809	0.1215091	0.2903466	-0.1319831	0.2399067	-0.0297427
INTLN	0.0515090	0.2235226	0.1363271	0.1496165	0.0952337	-0.0635127	-0.0962005	0.0331562	-0.0391086	-0.0267440
NBR	0.4239035	0.0410994	0.5740196	0.2405548	-0.0148260	0.3200927	-0.2180499	-0.7543695	0.6967437	0.2182430
IBRL	0.2575697	0.3047485	0.6652978	0.3516044	-0.0505856	0.2897965	-0.0813696	-0.7940033	0.8150042	0.2495375
OBRL	0.2194504	0.2320486	0.6045633	0.2517591	-0.0800647	0.2998794	-0.0923619	-0.8159912	0.7337169	0.2902679
IBRW	0.4104669	0.2465028	0.6513969	0.3922048	-0.0475752	0.1733351	-0.2275365	-0.5404057	0.1153710	-0.0957098
OBRW	0.2639206	0.1605716	0.5562601	0.2286068	-0.0729798	0.2563110	-0.0854242	-0.7388309	0.5778176	-0.1736815
PMXL	0.3383290	0.0746797	0.6002801	0.2425465	0.0113345	0.2919202	-0.2309809	-0.7431199	0.6047018	0.2100453
LBRP	0.2783974	0.1137681	0.6218758	0.2579597	-0.0528164	0.2093128	-0.0910421	-0.6222009	0.5379255	0.1486629
NFLOR	0.1372391	0.2165281	0.5100460	0.1853493	-0.1054040	0.2287994	-0.0214116	-0.7848964	0.6921960	0.2349062
CORLLN	0.3694157	-0.0121164	0.4357397	0.1405200	-0.0091541	0.3368603	-0.2142796	-0.5740678	0.4454852	0.1209047
CORLWD	0.2659981	-0.2038533	0.3698661	0.4550488	0.0619352	0.1883236	-0.1406744	-0.1662975	0.0636931	-0.0410210
CORTWD	0.1363982	0.2214603	0.8668754	0.5516682	-0.1112999	0.2278025	-0.1915992	-0.6453624	0.4386715	0.1745371
LCTPFA	0.2192099	0.1882790	0.3470906	0.0598740	-0.0005690	0.2889273	-0.1567731	-0.7022242	0.6405156	0.1827749
INFW	0.0704859	0.3064690	0.3975723	0.0876280	-0.0980959	0.1837328	-0.0982342	-0.7919106	0.6174538	0.1115950
INFL	0.2743097	0.2605221	0.5839333	0.2352665	-0.0139218	0.2930175	-0.1351856	-0.7741434	0.7062029	0.2244740
FMXLN	0.2694657	0.0593856	0.3669015	0.0059331	-0.0354925	0.3136113	-0.2033635	-0.6496015	0.5255568	0.1599524
AMXLN	0.2897459	0.2500040	0.5106536	0.1848199	-0.0360133	0.3089402	-0.1667016	-0.6430247	0.5900809	0.2163817
STMXLOL	1.0070046	-0.2357178	0.3118998	0.3009143	0.0756825	0.2026572	-0.2071682	-0.1654946	0.0566990	0.0061340
VACMXLN	-0.2357178	1.0064708	0.1296475	0.0323309	-0.0656029	-0.2074999	0.0846190	-0.2691555	0.2041867	0.0966653
CRMXWD	0.3118998	0.1296475	1.0012207	0.5936474	-0.1156226	0.1835403	-0.1382219	-0.5571311	0.3921131	0.1319757
CRMNWD	0.3009143	0.0323309	0.5936474	1.0073449	-0.0394834	0.1103046	-0.0210439	-0.2099053	0.1772659	0.0694791
VANOS	0.0756825	-0.0656029	-0.1156226	-0.0394834	1.0073223	0.2274671	-0.2244555	0.1176804	-0.0399404	-0.0023448
VANGB	0.2026572	-0.2074999	0.1835403	0.1103046	0.2274671	1.0052238	-0.1723480	-0.3046206	0.2797962	0.1071681
SHINL	-0.2071682	0.0846190	-0.1382219	-0.0210439	-0.2244555	-0.1723480	1.0056984	0.1142777	0.0438793	-0.0754276
NWNOFHD	-0.1654946	-0.2691555	-0.5571311	-0.2099053	0.1176804	-0.3046206	0.1142777	1.0000000	-0.6704871	-0.2016210
IBLWR	0.0566990	0.2041867	0.3921131	0.1772659	-0.0399404	0.2797962	0.0438793	-0.6704871	0.9858430	0.3833999
OBLWR	0.0061340	0.0966653	0.1319757	0.0694791	-0.0023448	0.1071681	-0.0754276	-0.2016210	0.3833999	0.9949145
IBVLWR	0.1466228	-0.3610573	-0.1595812	-0.0485198	0.0680729	0.0952377	-0.0167140	0.3657077	-0.0718777	0.1318882
CRLLWR	0.1954597	0.0849687	0.2211521	-0.0885888	-0.0491276	0.2136783	-0.1159810	-0.4523746	0.3925601	0.1289095
CORLWR	0.0658869	0.0487276	-0.4545754	-0.3838269	0.0820889	0.1672697	-0.0576912	-0.2430127	0.3138540	0.0624004
CORLWR	0.1150934	0.1310250	0.0668820	-0.4938841	-0.0088355	0.2375983	-0.1449462	-0.5265071	0.4721955	0.1178995
STLLWR	-0.7026953	0.3692543	0.0420327	-0.1713276	-0.0585697	-0.0020342	0.0813645	-0.3362376	0.3908591	0.0668461
TFLPLR	-0.3063477	-0.1222911	-0.6195529	-0.3028389	0.1201494	-0.2495750	0.0808458	0.7408484	-0.6526090	-0.1255089
INFLWR	0.1345059	-0.3398028	-0.1201377	0.0467925	0.0721202	0.0511704	-0.0306436	0.5153615	-0.2649263	0.1392830
LRNFHR	0.2133961	0.2263177	0.5539063	0.2160101	-0.0733432	0.2360631	-0.0714570	-0.8693457	0.6639019	0.2202549
ALFMLR	-0.0746938	0.0494352	-0.0656952	0.1248166	0.0356286	-0.1524785	0.1441917	0.3938755	-0.2826707	-0.1082977
LCPFCLR	-0.1376850	0.1511694	-0.1793265	-0.2210608	0.0312022	0.0086466	-0.0470943	-0.2936750	0.2944764	0.0903207



CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

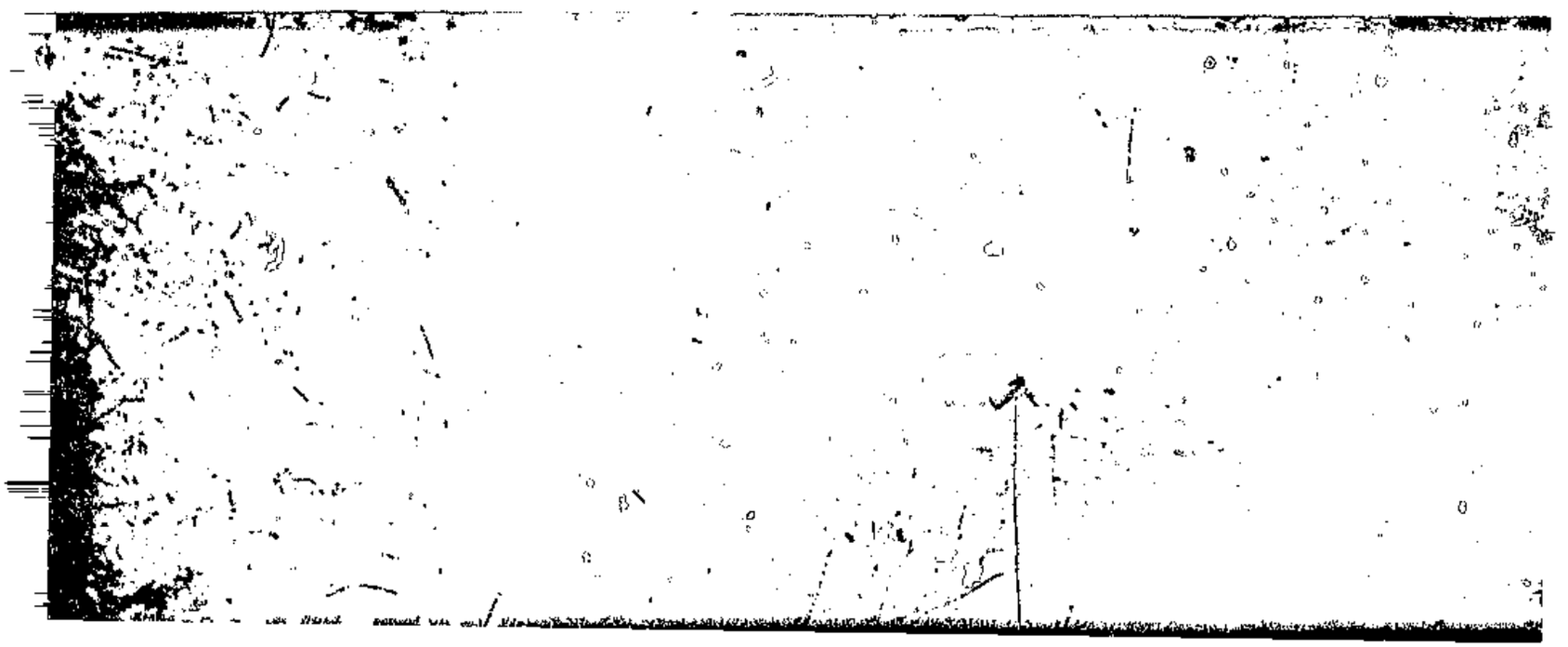
VARIABLE	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFHR	ALFMLR	LCPFCLR
RACMLEN	-0.1337925	-0.1564998	-0.0187066	-0.0711362	0.0169278	0.0512346	-0.0745842	-0.1208631	0.1724693	0.0047975
INTNDLN	-0.1680296	-0.0459913	-0.0067707	0.0552861	-0.0998957	-0.1516303	-0.1410435	0.1096646	-0.0620992	0.0735103
LNWDRL	0.0181926	-0.0711231	-0.0365085	-0.1057224	-0.0108836	0.1967625	-0.0221174	-0.1570149	0.1247683	-0.0732095
MXLNL	0.1074092	-0.1900702	-0.0950191	-0.2598698	-0.1469642	0.3469894	0.1040323	-0.3164048	0.2621922	-0.1326264
MXWDL	0.0928771	-0.1314465	-0.0582265	-0.1699842	-0.1662309	0.1962200	0.1281334	-0.1789950	0.1381464	-0.0742793
APXAN	0.0217211	0.0714524	0.1224905	0.1138943	0.0627584	-0.0797128	-0.0996941	0.1372974	-0.0851879	0.0653970
APXPS	-0.2021466	0.0182895	0.0135191	0.0181909	0.0335215	-0.1529660	-0.1684179	0.0560912	0.0211069	0.0567126
BSAN	-0.1260305	-0.0471362	-0.0950705	0.0125519	0.1114849	-0.2544619	-0.1050745	0.2228045	0.0095749	0.0375536
BSPS	-0.0843223	0.0278570	0.0257379	0.0446892	0.2036491	-0.2059325	-0.1209374	0.2026665	0.0714632	0.0707456
SVINS	0.1283779	-0.1467533	-0.0211954	-0.1022559	-0.0796806	0.0750388	0.2322609	-0.1679028	0.1898892	-0.0235750
NSECV	0.1997571	-0.0131163	-0.0813252	-0.1674952	-0.0385300	0.2416312	0.2705226	-0.1525304	0.2783267	-0.1496074
PINSV	0.1130369	-0.2962851	-0.0843487	-0.2717183	-0.1732148	0.3403924	0.1010163	-0.2590902	0.0937841	-0.0544831
PTLLN	-0.0445383	0.0889707	-0.0775210	0.0597982	0.0634814	-0.1505008	-0.0547213	0.1880793	-0.0339132	-0.0479006
INTLN	-0.1274976	-0.1296130	-0.1125186	-0.0606959	0.0752517	0.0022547	-0.0921216	-0.0191356	0.0370676	-0.0524965
NBR	-0.1120931	0.4350627	0.2652773	0.5519385	0.3401420	-0.7541436	-0.2587788	0.7942881	-0.3344827	0.2614862
IBRL	-0.1837875	0.4168282	0.2008467	0.4958695	0.3280178	-0.8134401	-0.3216328	0.8010202	-0.2465104	0.2735775
OBRL	-0.3216905	0.4472262	0.2478235	0.5459825	0.3371861	-0.7966614	-0.4436837	0.7947303	-0.3280081	0.2859324
IBRW	-0.2802264	0.2002386	-0.0681398	0.2402228	0.0265793	-0.5926075	-0.2717842	0.5297607	-0.0923412	0.0848959
OBRW	-0.3581454	0.4005226	0.2348644	0.5111198	0.2829345	-0.7554281	-0.4841875	0.7074200	-0.3143785	0.2422338
PNXL	-0.1667107	0.5094637	0.2270702	0.5362511	0.2125369	-0.7031766	-0.3075851	0.7738980	-0.2921836	0.1896414
LBRP	-0.1398809	0.3723458	0.0672866	0.3912903	0.2044868	-0.6617972	-0.2511979	0.6209641	-0.1391510	0.0741671
NFLOR	-0.3912901	0.3720485	0.2209210	0.4971234	0.3899118	-0.7346535	-0.4532131	0.7579865	-0.2356821	0.2858437
CORLLN	0.0343184	0.8562179	0.4073303	0.6083208	0.0948981	-0.4343819	-0.1109204	0.6349251	-0.4065048	0.0660619
CORLWD	-0.0700670	-0.3603103	-0.1601687	-0.1154713	-0.1025015	-0.1595584	-0.0783649	0.1246234	-0.2567921	-0.0091685
CORTWD	-0.2001955	0.2606630	-0.2772446	0.1368309	0.1938488	-0.5931073	-0.2049014	0.6185110	-0.1789149	-0.0260347
LCTPFA	-0.1326574	0.5558020	0.6223110	0.7828626	0.4816436	-0.5613780	-0.3349157	0.7307796	-0.4359187	0.6694606
INFW	-0.4968298	0.4014621	0.4171776	0.6324679	0.5010696	-0.6508437	-0.7131654	0.7379208	-0.3715963	0.4256371
INFL	-0.1672492	0.4770970	0.3494076	0.6408473	0.3866329	-0.6917239	-0.3227967	0.8165635	-0.2876426	0.3834151
FMXLN	-0.1206893	0.5458599	0.4631598	0.7016357	0.2338111	-0.5006744	-0.3009790	0.6467485	-0.8066116	0.2709235
ANXLN	-0.0886275	0.6178011	0.3753206	0.6367950	0.3312421	-0.5671091	-0.2359101	0.7071608	-0.1213938	0.1849276
STMXLOL	0.1468228	0.1954597	0.0658869	0.1150934	-0.7026953	-0.3063477	0.1345059	0.2133961	-0.0748938	-0.1376850
VACMXLN	-0.3610573	0.0849687	0.0487276	0.1310250	0.3092543	-0.1222911	-0.3398028	0.2263177	0.0494352	0.1511694
CRMXWD	-0.1595812	0.2211521	-0.4545754	0.0668820	0.0420327	-0.6195529	-0.1201377	0.5539063	-0.0656952	-0.1793265
CRMNWD	-0.0485198	-0.0885888	-0.3838269	-0.4938841	-0.1713276	-0.3026389	0.0467925	0.2160101	0.1248166	-0.2210608
VANGS	0.0680729	-0.0491276	0.0820889	-0.0088355	-0.0585697	0.1201494	0.0721202	-0.0733432	0.0356286	0.0312022
VANGB	0.0952377	0.2136783	0.1672697	0.2375983	-0.0020342	-0.2495750	0.0511704	0.2360631	-0.1524785	0.0086466
SHINL	-0.0167140	-0.1159810	-0.0576912	-0.1449462	0.0813645	0.0808458	-0.0306436	-0.0714570	0.1441917	-0.0470943
NWNOFHD	0.3657677	-0.4523746	-0.2430127	-0.5265071	-0.3362376	0.7408484	0.5153615	-0.8693457	0.3936755	-0.2936750
IBLWR	-0.0718777	0.3925601	0.3138540	0.4721955	0.3908591	-0.6526090	-0.2649263	0.6639019	-0.2826707	0.2944764
OBLWR	0.1318882	0.1289095	0.0654004	0.1176995	0.0668461	-0.1255089	0.1392830	0.2202549	-0.1082977	0.0903207
INVLWR	1.0073205	0.0712468	0.0062502	-0.0877139	-0.3058310	0.3081738	0.7945728	-0.2086714	0.1050180	-0.1615923
CRLLWR	0.0712468	1.0071804	0.4584592	0.6209754	0.1373756	-0.3277398	-0.0512122	0.5331158	-0.2449828	0.0455148
CORLWR	0.0062502	0.4584592	1.0072885	0.7097429	0.2638439	-0.0886488	-0.2184586	0.2692812	-0.3672941	0.5612853
CORLMWR	-0.0877139	0.6209754	0.7097429	1.0039889	0.3837917	-0.3889287	-0.3106307	0.5366996	-0.4507467	0.4657634
STLLBR	-0.3058310	0.1373756	0.2638439	0.3837917	0.9997207	-0.1531839	-0.3817782	0.3154115	-0.1234885	0.4133140
TFLPLR	0.3081738	-0.3277398	-0.0886488	-0.3889287	-0.1531839	0.9976987	0.4458251	-0.6498001	0.2081944	-0.1036307
INFLWR	0.7945728	-0.0512122	-0.2184586	-0.3106307	-0.3817782	0.4458251	1.0068490	-0.3416751	0.2330463	-0.3029744
LRNFHR	-0.2086714	0.5331158	0.2692812	0.5366996	0.3154115	-0.6498001	-0.3416751	1.0000000	-0.3155280	0.2837324
ALFMLR	0.1050180	-0.2449828	-0.3672941	-0.4507467	-0.1234885	0.2081944	0.2330463	-0.3155280	1.0068246	-0.3089710
LCPFCLR	-0.1615923	0.0455148	0.5612853	0.4657634	0.4133140	-0.1036307	-0.3029744	0.2837324	-0.3089710	1.0064674



CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACHLEN	0.1134809	0.0410172	0.1330959	0.1531806	0.0383472	-0.0319226	0.0155654	-0.0713226	-0.0246481	0.0370215
INTNDLN	0.0410172	0.0835525	-0.0071438	-0.0358664	-0.0295954	0.0166914	0.0488812	0.0303178	0.0283565	-0.0316465
LNWDRL	0.1330959	-0.0071438	0.2005183	0.2530011	0.0799103	-0.0601346	-0.0165177	-0.1287478	-0.0588683	0.0796192
MXLNL	0.1531806	-0.0358664	0.2530011	0.3278771	0.1094486	-0.0805642	-0.0364097	-0.1707406	-0.0827421	0.1097458
MXWDL	0.0383472	-0.0295954	0.0799103	0.1094486	0.0404351	-0.0286367	-0.0220903	-0.0599710	-0.0318931	0.0409811
APXAN	-0.0319226	0.0166914	-0.0601346	-0.0805642	-0.0286367	0.0205753	0.0133885	0.0431052	0.0222412	-0.0289095
APXPS	0.0155654	0.0488812	-0.0165177	-0.0364097	-0.0220903	0.0133885	0.0293588	0.0255233	0.0200744	-0.0232614
BSAN	-0.0713226	0.0303178	-0.1287478	-0.1707406	-0.0599710	0.0431052	0.0255233	0.0906141	0.0459100	-0.0600209
BSPS	-0.0246481	0.0283565	-0.0588683	-0.0827421	-0.0318931	0.0222412	0.0200744	0.0459100	0.0255619	-0.0324575
SVINS	0.0370215	-0.0316465	0.0796192	0.1097458	0.0409811	-0.0289095	-0.0232614	-0.0600209	-0.0324575	0.0415785
NSECV	0.0108803	-0.0795945	0.0799098	0.1255662	0.0564906	-0.0373695	-0.0510776	-0.0750156	-0.0476561	0.0562739
PINSV	0.0852110	-0.0697709	0.1807893	0.2485241	0.0923843	-0.0652794	-0.0516086	-0.1356431	-0.0730422	0.0936891
PTLLN	-0.0900028	0.0049239	-0.1356703	-0.1712093	-0.0540962	0.0407028	0.0112282	0.0871385	0.0398587	-0.0539015
INTLN	0.0861733	0.0432723	0.0913205	0.1002238	0.0214526	-0.0192604	0.0194512	-0.0442627	-0.0121418	0.0201687
NBR	-0.1990239	0.1539810	-0.4150433	-0.5685471	-0.2161003	0.1487618	0.1146662	0.3094864	0.1657323	-0.2129425
IBRL	-0.1438622	0.1820479	-0.3568819	-0.5048738	-0.1966001	0.1366036	0.1275706	0.2814524	0.1581591	-0.2002726
OBRL	-0.1337458	0.1980937	-0.3549768	-0.5076696	-0.2010153	0.1388467	0.1367557	0.2852067	0.1626799	-0.2050893
IBRW	-0.0575739	0.1460268	-0.2016480	-0.2991853	-0.1249458	0.0847240	0.0971060	0.1723620	0.1029727	-0.1280887
OBRW	-0.0983982	0.2028153	-0.3070442	-0.4492639	-0.1839778	0.1255949	0.1365346	0.2564164	0.1506348	-0.1882805
PMXL	-0.1680260	0.1574447	-0.3724648	-0.5364300	-0.1947313	0.1368827	0.1142684	0.2836863	0.1548023	-0.1977586
LBRP	-0.1241059	0.1516369	-0.3035222	-0.4283622	-0.1661802	0.1156216	0.1066461	0.2383847	0.1335054	-0.1692246
NFLOR	-0.1194999	0.1996610	-0.3353891	-0.4836852	-0.1939365	0.1333681	0.1364553	0.2733296	0.1576435	-0.1980951
CORLLN	-0.2353612	0.0335734	-0.3714225	-0.4751904	-0.1545506	0.1149409	0.0423886	0.2447645	0.1154553	-0.1545148
CORLWD	-0.0710091	0.0386874	-0.1350176	-0.1812775	-0.0646856	0.0464083	0.0307626	0.0971561	0.0503189	-0.0653275
CORTWD	-0.1550988	0.0996168	-0.3070582	-0.4160133	-0.1508443	0.1075741	0.0767053	0.2245470	0.1191035	-0.1525931
LCTPFA	-0.1264556	0.1557290	-0.3102506	-0.4380935	-0.1700986	0.1183123	0.1094338	0.2438948	0.1366953	-0.1732286
INFW	-0.0653146	0.2291167	-0.2797747	-0.4236496	-0.1818688	0.1221808	0.1501012	0.2473326	0.1512279	-0.1868852
INFL	-0.1371943	0.1794392	-0.3450268	-0.4892159	-0.1911735	0.1326664	0.1253264	0.2731651	0.1539894	-0.1948091
FNXLN	-0.1787601	0.1263642	-0.3514799	-0.4801741	-0.1766280	0.1252913	0.0949540	0.2608425	0.1390785	-0.1789351
AMXLN	-0.1472110	0.1198665	-0.3117941	-0.4284622	-0.1591800	0.1125018	0.0887375	0.2337908	0.1258248	-0.1614189
STMXLOL	-0.1143742	0.0140755	-0.1786931	-0.2279487	-0.0736881	0.0549359	0.0191693	0.1171158	0.0548913	-0.0736195
VAGMXLN	0.0994047	0.1034721	0.0622880	0.0845193	-0.0091165	-0.0002196	0.0561445	-0.0073454	0.0150346	-0.0118225
CRMXWD	-0.1485935	0.0934986	-0.2926197	-0.3959893	-0.1432908	0.1022653	0.0722671	0.2135454	0.1120980	-0.1449219
CRMNWD	-0.0782126	0.0061803	-0.1194264	-0.1513053	-0.0482120	0.0361518	0.0100541	0.0772755	0.0356684	-0.0480862
VANGS	0.0651855	0.0194783	0.0797348	0.0934093	0.0246088	-0.0200139	0.0063715	-0.0443014	-0.0163721	0.0239407
VANGB	-0.1106463	0.0342651	-0.1894582	-0.2479289	-0.0843421	0.0616266	0.0315594	0.1301522	0.0642988	-0.0847480
SHINL	0.1111937	0.0006201	0.1622846	0.2026216	0.0625945	-0.0475327	-0.0096530	-0.1021835	-0.0456084	0.0622006
NWNOFHD	0.1298690	-0.2012766	0.3518623	0.5048017	0.2008317	-0.1384880	-0.1384087	-0.2842244	-0.1628040	0.2049918
IBLWR	-0.1395055	0.1468178	-0.3221843	-0.4501409	-0.1718563	0.1202605	0.1050041	0.2486731	0.1372553	-0.1747380
OBLWR	-0.1080382	-0.0108355	-0.1493945	-0.1832875	-0.0543478	0.0419806	0.0029386	0.0909312	0.0387652	-0.0537311
INVLWR	-0.0998317	-0.1850538	0.0026718	0.0629963	0.0604583	-0.0311066	-0.1074514	-0.0588495	-0.0590960	0.0650317
CRLLWR	-0.1895845	0.0095360	-0.2851140	-0.3595307	-0.1134213	0.0853942	0.0231255	0.1828688	0.0855063	-0.1129920
CORLWR	-0.0333354	0.0637314	-0.1060784	-0.1455932	-0.0591803	0.0405042	0.0431220	0.0828054	0.0483326	-0.0605241
CORLHWR	-0.0983862	0.1312538	-0.2494973	-0.3542465	-0.1387229	0.0961958	0.0914945	0.1979948	0.1118254	-0.1413890
STLLBR	0.0274984	0.1153938	-0.0524930	-0.1028160	-0.0573611	0.0355637	0.0701172	0.0687597	0.0511887	-0.0600933
TFLPLR	0.1154242	-0.1961519	0.3266036	0.4715699	0.1894090	-0.1301751	-0.1338787	-0.2667014	-0.1540566	0.1935012
INFLWR	-0.0941368	-0.2244707	0.0426938	0.1257405	0.0886074	-0.0517446	-0.1327739	-0.0962821	-0.0828230	0.0940629
LRNFHR	-0.1315005	0.1640992	-0.3243623	-0.4584350	-0.1762488	0.1239165	0.1151576	0.2553859	0.1433186	-0.1815530
ALFMLR	0.1187921	-0.0753279	0.2343999	0.3173422	0.1149202	-0.0819940	-0.0581391	-0.1711917	-0.0899310	0.1162375
LCPFCLR	0.0449045	0.1208086	-0.0314058	-0.0782102	-0.0509503	0.0303237	0.0719782	0.0571372	0.0469545	-0.0538668

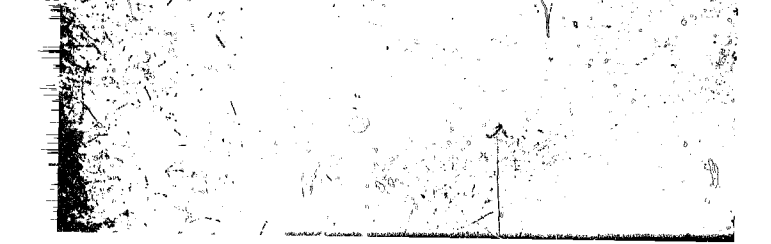




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

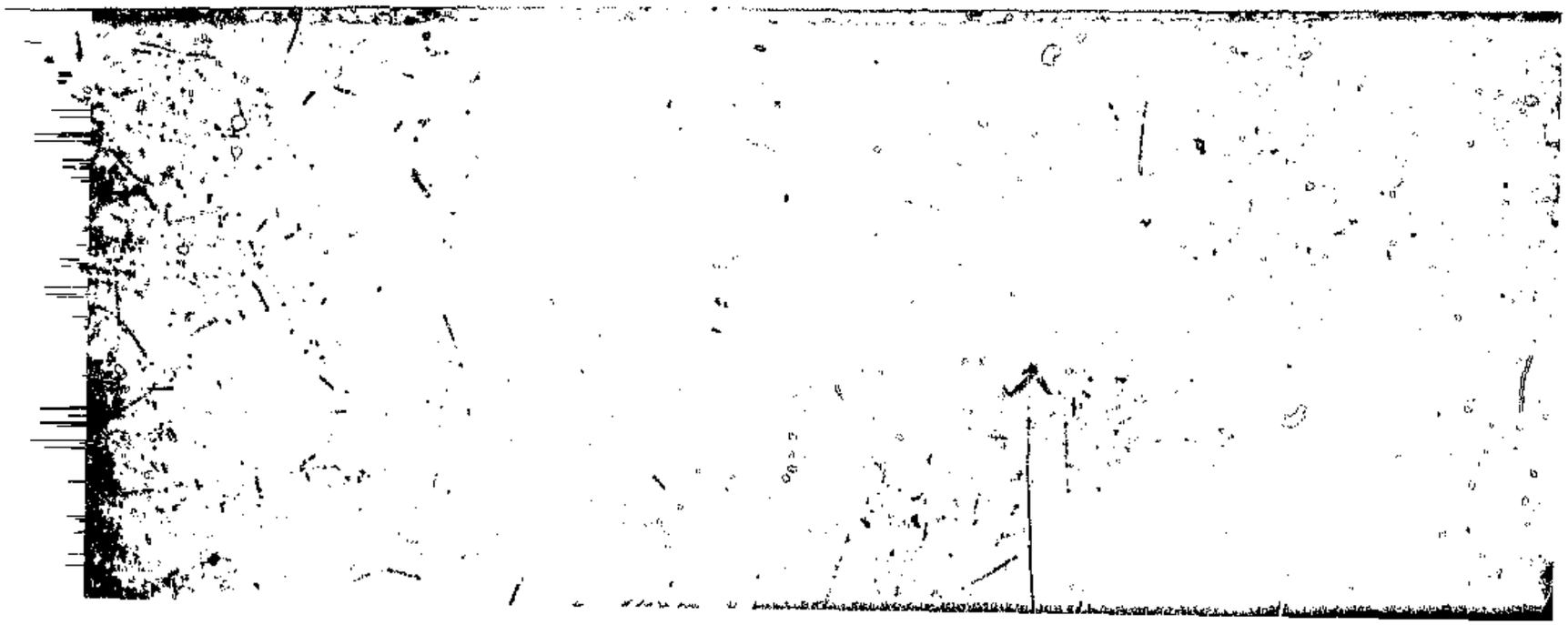
VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMKL
RACHLEN	0.0108803	0.0852110	-0.0900026	0.0851733	-0.1900239	-0.1436628	-0.1337458	-0.0575739	-0.0983982	-0.1660260
INTNDLN	-0.0795945	-0.0697709	0.0695239	0.0638723	0.1539810	0.1820479	0.1989937	0.1660268	0.2028153	0.1574457
LNHDRL	0.0799098	0.1807893	-0.1396703	0.0913205	-0.4150433	-0.3568819	-0.3549768	-0.2016480	-0.3070942	-0.3724648
NKLNL	0.1255612	0.2985284	-0.1712093	0.1002738	-0.5685471	-0.5048788	-0.5076096	-0.2091853	-0.4492639	-0.5164300
NKWDL	0.0564906	0.0923893	-0.0569962	0.0619526	-0.2101003	-0.1966001	-0.2010153	-0.1269454	-0.1639778	-0.1967313
APXAN	-0.0371509	-0.0552796	0.0403086	-0.0102604	0.1187818	0.1366036	0.1188467	0.0827200	0.1295909	0.1348827
APXPS	-0.0110776	-0.0116086	0.0112282	0.0119512	0.1186882	0.1275706	0.1367557	0.0971060	0.1363306	0.1162884
BSAN	-0.0790156	-0.1356131	0.0871385	-0.0102627	0.3098864	0.2815529	0.2852662	0.1723620	0.2564164	0.2836863
BSPS	-0.0416561	-0.0730422	0.0398587	-0.0181918	0.1657183	0.1581991	0.1680799	0.1089717	0.1506248	0.1548083
SVINS	0.0588739	0.0936891	-0.0539015	0.0201687	-0.2109425	-0.2009726	-0.2050893	-0.1280887	-0.1882805	-0.1977586
NSECV	1.0295577	0.1303973	0.0511507	-0.0297739	-0.2926498	-0.2982406	-0.3125279	-0.2082844	-0.2991066	-0.3128706
PINSV	0.1303973	0.2111501	-0.1823909	0.0465628	-0.4800342	-0.4505095	-0.4610427	-0.2873675	-0.4227162	-0.4494317
PTLLN	-0.0511507	-0.1823909	0.1947894	-0.0417368	0.4205587	0.4216495	0.4403780	0.2873534	0.4229553	0.4211955
INTLN	-0.0064794	0.0869628	-0.0617368	0.0675761	-0.1118735	-0.0679515	-0.0580836	-0.0142850	-0.0266630	-0.0891004
NBR	-0.2936498	-0.4800342	0.4205587	-0.1118735	1.0916746	1.0210560	1.0446302	0.6909315	0.9561693	1.0180609
IBRL	-0.2982406	-0.4503095	0.4216495	-0.0679515	1.0210560	0.9794091	1.0087752	0.6911409	0.9363366	0.9959999
OBRL	-0.3125279	-0.4610427	0.4403780	-0.0580836	1.0446302	1.0087752	1.0917762	0.6662700	0.9613512	0.9803512
IBRW	-0.2082844	-0.2873675	0.2873534	-0.0142850	0.6909316	0.6911409	0.6660835	0.4362099	0.6285973	0.6148770
OBRW	-0.2991066	-0.4227162	0.4229553	-0.0266630	0.9561693	0.9363366	0.9613512	0.6285973	0.9121478	0.9020438
PMKL	-0.3128706	-0.4494317	0.4211955	-0.0891004	1.0118695	0.9959999	0.9803512	0.6148770	0.9020438	0.9414003
LNHL	-0.2507078	-0.3807956	0.3807956	-0.0863578	0.8653678	0.8694827	0.8508036	0.5395934	0.7891548	0.8075376
NFLDR	-0.1066088	-0.1445183	0.1271274	-0.0478978	1.0078809	0.9785176	1.0116432	0.6901609	0.9459589	0.9415872
CORLLM	-0.1667591	-0.3503411	0.2911859	-0.1577329	0.6027100	0.7030569	0.7029106	0.4678196	0.6155067	0.7261277
CORLWD	-0.0850198	-0.1474894	0.0913894	-0.0425680	0.3360765	0.3091715	0.3144421	0.1922654	0.2847818	0.3094323
CONTWD	-0.2080715	-0.3462665	0.2078513	-0.0903108	0.7837985	0.7267701	0.7410070	0.4569272	0.6744512	0.7236434
CONTMA	-0.2569186	-0.4277721	0.2570181	-0.0940825	0.8939331	0.8468892	0.8711288	0.5351906	0.8083315	0.8503863
INFW	-0.3730129	-0.4788649	0.3895329	-0.0950096	0.9953030	0.9434467	0.9831824	0.6466365	0.9132189	0.8969988
INFL	-0.2915017	-0.4781545	0.3360759	-0.0637719	0.9916040	0.9536467	0.9823766	0.6623702	0.9123451	0.8501966
FMXLN	-0.2649602	-0.4034499	0.2379382	-0.0964857	0.9177963	0.8569883	0.8756712	0.5432144	0.8004389	0.8499193
AMXLN	-0.2844607	-0.3638036	0.2810776	-0.0825514	0.8821102	0.7760210	0.7990975	0.4968312	0.7379594	0.7674033
STHKLOL	-0.0783151	-0.1669727	0.1209118	-0.0770748	0.3827508	0.3337093	0.3335020	0.1925496	0.2913865	0.3452617
VAGNXLN	-0.0729557	-0.1207956	-0.0420093	0.0976875	0.0976875	0.1039959	0.1150932	0.1132594	0.1400804	0.1672334
CRWKWD	-0.1931585	-0.3269882	0.1980762	-0.0868457	0.7498990	0.6896810	0.7099710	0.4327370	0.6394341	0.6813307
CRWKMD	-0.0493675	-0.1091400	0.0808058	-0.0533139	0.4590137	0.4164602	0.4157870	0.1233088	0.1873075	0.2251606
VANGS	0.0112116	0.0549210	-0.0532902	0.0487792	-0.1277434	-0.0965404	-0.0916553	-0.0429823	-0.0706826	-0.1094778
VANGB	-0.1008579	-0.1611954	0.1382258	-0.0809197	0.3931091	0.3496213	0.3496213	0.1453981	0.3135084	0.3295630
SHINL	0.0587928	0.1413979	-0.1087540	0.0774592	-0.3250870	-0.2757174	-0.2729382	-0.1526716	-0.2336655	-0.2902573
ANHGFWD	0.1319219	0.2430238	-0.1836077	0.0945868	-0.4416966	-0.4009278	-0.4063958	-0.2684410	-0.3733511	-0.3980699
VBLVR	-0.2530922	-0.3933807	0.2681362	-0.0711366	0.6930316	0.6685492	0.6716689	0.5493829	0.8050988	0.8327107
OBLVR	-0.0466088	-0.1226110	0.1030648	-0.0770804	0.3854998	0.3330469	0.3330469	0.1924993	0.2913865	0.3452617
IRVLNR	0.1776786	0.1430295	-0.1026035	0.1020910	-0.3466036	-0.3807507	-0.4165068	-0.3109794	-0.4301419	-0.3259935
CRLLNR	-0.1130476	-0.2565838	0.1926029	-0.1101916	0.5890931	0.5061710	0.5033422	0.2856765	0.4351410	0.5265152
CORLNW	-0.0956996	-0.1359223	0.0677376	-0.0119480	0.3075667	0.3003250	0.3170150	0.2006113	0.2917502	0.2899268
CORLNWR	-0.2121712	-0.3179812	0.1689602	-0.0452801	0.7208996	0.6928060	0.7141065	0.4586834	0.6639104	0.6750374
STLLNR	-0.1254788	-0.1336077	0.0956398	0.0391753	0.2982885	0.3241235	0.3455776	0.2819454	0.3817886	0.2939273
TFLPLR	0.3001609	0.4347533	-0.3211797	0.0456618	-0.9813550	-0.8963840	-0.9889748	-0.6359987	-0.9251439	-0.9260362
TAFLNR	0.2253613	0.3411772	-0.2411855	0.0459157	-0.7409985	-0.6892128	-0.7462122	-0.4772660	-0.6951911	-0.6955977
LRRFIR	-0.2698112	-0.4084262	0.2196286	-0.0625196	0.9262882	0.8873988	0.9138259	0.5804519	0.8480630	0.8563335
AAFNLR	0.1751222	0.2822587	-0.1986673	0.0693412	-0.5270945	-0.5333394	-0.5840068	-0.3673591	-0.5132065	-0.5513863
LOPTGLR	-0.1287932	-0.1193136	0.0213790	0.0525493	0.2690116	0.2992086	0.3220630	0.2310838	0.3237946	0.2694995

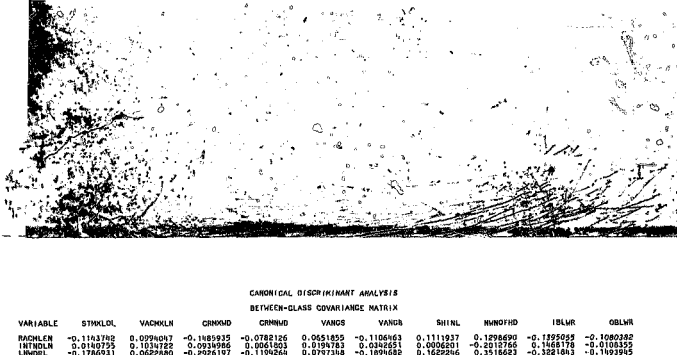


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RAGMLEN	-0.1241059	-0.1194999	-0.2353612	-0.0710091	-0.1550988	-0.1264556	-0.0653146	-0.1371943	-0.1707601	-0.1472110
INTNOLN	0.1516369	0.1996610	0.0335734	0.0386874	0.0996168	0.1557290	0.2291187	0.1794392	0.1263642	0.1198665
LNWDRL	-0.3035222	-0.3353891	-0.3714225	-0.1350176	-0.3070582	-0.3102506	-0.2797747	-0.3450268	-0.3514799	-0.3117941
MXLNL	-0.4283622	-0.4836852	-0.4751944	-0.1812775	-0.4160133	-0.4380935	-0.4236496	-0.4892159	-0.4801741	-0.4284622
MXWDL	-0.1661802	-0.1939365	-0.1545506	-0.0646856	-0.1508443	-0.1700986	-0.1818688	-0.1911735	-0.1766280	-0.1591800
APXAN	0.1156216	0.1333681	0.1149409	0.0464083	0.1075741	0.1183123	0.1221808	0.1326664	0.1252913	0.1125018
APXPS	0.1066461	0.1364553	0.0423886	0.0307626	0.0767053	0.1094338	0.1501012	0.1253264	0.0949540	0.0887375
BSAN	0.2383847	0.2733296	0.2447645	0.0971561	0.2245470	0.2438948	0.2473326	0.2731651	0.2608425	0.2337908
BSPS	0.1335054	0.1576435	0.1154593	0.0503189	0.1181035	0.1366953	0.1512279	0.1539894	0.1390785	0.1258248
SVINS	-0.1692246	-0.1980951	-0.1545148	-0.0653279	-0.1525931	-0.1732286	-0.1868662	-0.1948091	-0.1789351	-0.1614189
NSECV	-0.2507078	-0.3066688	-0.1667591	-0.0850198	-0.2040715	-0.2569386	-0.3134124	-0.2915017	-0.2449602	-0.2244607
PINSV	-0.3807242	-0.4451043	-0.3503431	-0.1474894	-0.3442665	-0.3897194	-0.4188644	-0.4381585	-0.4034499	-0.3638036
PTLLN	0.2055155	0.2271274	0.2513259	0.0913894	0.2078513	0.2100721	0.1895329	0.2336259	0.2379342	0.2110774
INTLN	-0.0595745	-0.0478978	-0.1577928	-0.0425680	-0.0903108	-0.0604870	-0.0050096	-0.0637736	-0.0964857	-0.0812514
NBR	0.8635678	1.0078805	0.8027801	0.3360765	0.7837485	0.8839321	0.9453030	0.9934640	0.9177463	0.8271073
IBRL	0.8264827	0.9765176	0.7024069	0.3091715	0.7267701	0.8462892	0.9434467	0.9538647	0.8569033	0.7760210
OBRL	0.8508406	1.0116432	0.7028129	0.3194421	0.7410070	0.8713284	0.9831824	0.9829205	0.8756712	0.7940975
IBRW	0.5399594	0.6501609	0.4074196	0.1922454	0.4565972	0.5531470	0.6466365	0.6255746	0.5432144	0.4948312
OBRW	0.7891548	0.9459589	0.6155967	0.2847818	0.6744512	0.8083316	0.9332189	0.9133451	0.8004389	0.7279594
FMXL	0.8075376	0.9478872	0.7251277	0.3094323	0.7238494	0.8267034	0.8989988	0.9301946	0.8499193	0.7674033
LBRP	0.6975137	0.8250202	0.5966061	0.2616472	0.6147080	0.7142112	0.7659862	0.8048414	0.7244922	0.6558256
NFLOR	0.8250202	0.9839849	0.6670834	0.3021741	0.7134232	0.8449555	0.9618117	0.9537615	0.8444324	0.7665971
CORLLN	0.5966061	0.6670834	0.6929576	0.2583673	0.5904221	0.6100099	0.5717454	0.6799135	0.6788500	0.6040980
CORLWD	0.2616472	0.3021741	0.2583673	0.1046909	0.2428203	0.2677444	0.2775128	0.3002997	0.2829659	0.2541761
CORTWD	0.6147080	0.7134232	0.5904221	0.2428203	0.5646091	0.6291125	0.6617291	0.7062885	0.6594230	0.5932391
LCTPFA	0.7142112	0.8449555	0.6100099	0.2677444	0.6291125	0.7313126	0.8135114	0.8241490	0.7415511	0.6713177
INFW	0.7939882	0.9618117	0.5717454	0.2775128	0.6617291	0.8135114	0.9669294	0.9211535	0.7899157	0.7231686
INFL	0.8048414	0.9537615	0.6799135	0.3002997	0.7062885	0.8241490	0.9211535	0.9290786	0.8332199	0.7547323
FMXLN	0.7244922	0.8444324	0.6788500	0.2829659	0.6594230	0.7415511	0.7099157	0.8332199	0.7716802	0.6951687
AMXLN	0.6558256	0.7665971	0.6040980	0.2541761	0.5932391	0.6713177	0.7231686	0.7547323	0.6951687	0.6268219
STMXLOL	0.2835189	0.3162568	0.3328779	0.1234570	0.2818438	0.2898715	0.2696054	0.3229422	0.3237595	0.2879227
VACMXLN	0.0843968	0.1339918	-0.0895678	0.0010433	0.0171337	0.0871947	0.1911586	0.1049043	0.0352647	0.0411420
CRMXWD	0.5833790	0.6766453	0.5623092	0.2308193	0.5365336	0.5970399	0.6268407	0.6702000	0.6264559	0.5634716
CRMNWD	0.1840297	0.2040932	0.2216852	0.0811980	0.1849302	0.1881261	0.1716966	0.2093579	0.2119690	0.1882151
VANGS	-0.0829613	-0.0830695	-0.1422436	-0.0446118	-0.0983394	-0.0846046	-0.0525309	-0.0924121	-0.1092607	-0.0948421
VANGB	0.3333125	0.3789115	0.3576733	0.1387674	0.3194288	0.3409427	0.3347469	0.3812251	0.3697149	0.3305308
SHINL	-0.2347384	-0.2569172	-0.2989279	-0.1066307	-0.2416093	-0.2398859	-0.2095082	-0.2662943	-0.2756103	-0.2438940
NWNOFHD	-0.8516946	-1.0138563	-0.6978480	-0.3136845	-0.7327441	-0.8722302	-0.9875025	-0.9841707	-0.8747134	-0.7935551
IBLWR	0.7164911	0.8438764	0.6298349	0.2719828	0.6374475	0.7335611	0.8055986	0.8259485	0.7497092	0.6776838
OBLWR	0.1988201	0.2134668	0.2727795	0.0940223	0.2115697	0.2030857	0.1699333	0.2246365	0.2397842	0.2112028
INVLWR	-0.3167348	-0.4212733	-0.0501147	-0.0770214	-0.2009944	-0.3253784	-0.4903410	-0.3757380	-0.2574634	-0.2456463
CRLLWR	0.4305142	0.4754744	0.5279573	0.1917227	0.4359308	0.4400522	0.3961642	0.4893312	0.4989042	0.4425147
CORLWR	0.2531167	0.3028808	0.1999580	0.0918170	0.2172141	0.2592555	0.2978496	0.2928334	0.2575488	0.2340814
CORLMWR	0.5845312	0.6930617	0.4920276	0.2177629	0.5123261	0.5985622	0.6700470	0.6748433	0.6045675	0.5477198
STLLBR	0.2713131	0.3435157	0.1209453	0.0614994	0.2011959	0.2783229	0.3718087	0.3180413	0.2471090	0.2297937
TFLPLR	-0.8063184	-0.9620878	-0.6500294	-0.2949586	-0.6965673	-0.8258111	-0.9411450	-0.9322312	-0.8246646	-0.7487632
INFLWR	-0.4415430	-0.5738273	-0.1335249	-0.1194208	-0.3027254	-0.4532866	-0.6461337	-0.5208362	-0.3795379	-0.3574812
LRNFHR	0.7488726	0.8862864	0.6380704	0.2804462	0.6590977	0.7668316	0.8538998	0.8642177	0.7770393	0.7035328
ALFMLR	-0.4680396	-0.5429925	-0.4505372	-0.1850709	-0.4302442	-0.4790024	-0.5032500	-0.5377231	-0.5024059	-0.4519267
LCPFCLR	0.2498856	0.3222504	0.0874007	0.0698245	0.1755115	0.2564748	0.3587143	0.2942102	0.2186279	0.2051033

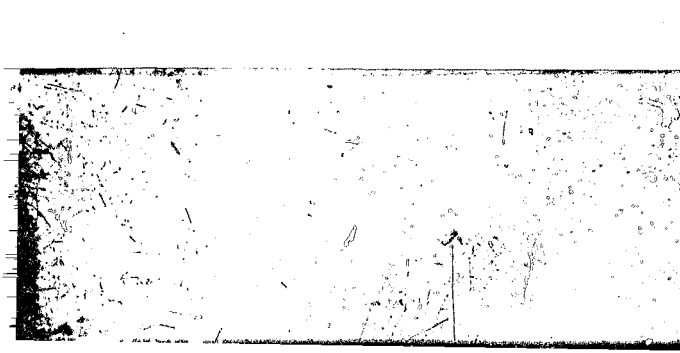


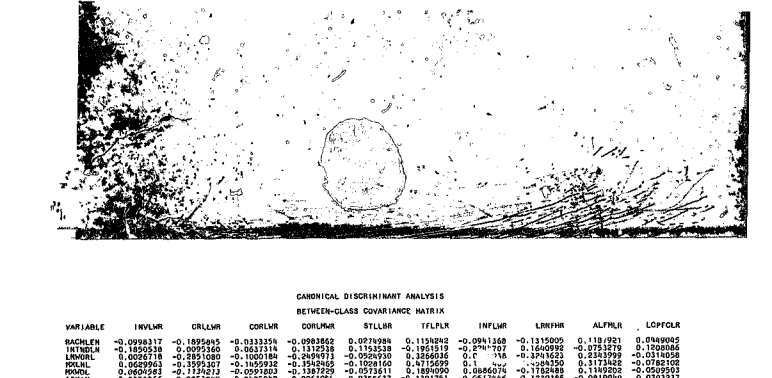


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	STMKLDL	VACMKLN	CRMWMD	CRMMND	VANGS	VANGB	SHINL	NWNOFHD	IBLWR	OBLWR
RACHLEN	-0.1143782	0.0094047	-0.1485935	-0.0788126	0.0651855	-0.1106963	0.1111937	0.1298690	-0.1895055	-0.1080382
INTNDLN	0.0140735	0.1034782	0.0934986	0.0661803	0.0194783	0.0342651	0.0006001	-0.2015766	0.1468178	-0.0110852
LNWDRL	-0.1786931	0.0682880	-0.0926197	-0.1190264	0.0797348	-0.1809482	0.1622846	0.3516823	-0.3281493	-0.1193985
MKLNL	-0.2279987	0.0945193	-0.3959893	-0.1313063	0.0934093	-0.2472889	0.2026818	0.5098017	-0.4501409	-0.1833875
MKWDL	-0.0736881	-0.0021169	-0.1432904	-0.0887180	0.0846088	-0.0843491	0.0625945	0.2008317	-0.1718563	-0.0543078
APKAN	0.0596359	-0.0002196	0.1022653	0.0436157	-0.0280137	0.0616266	-0.0475327	-0.1358880	0.1208505	0.0419806
APKPS	0.0191693	0.0561445	0.0728271	0.0109541	0.0063715	0.0315594	-0.0096530	-0.1384087	0.1090941	0.0029386
BSAN	0.1171158	-0.0073456	0.2135459	0.0777759	-0.0943014	0.1301528	-0.1021835	-0.2852244	0.2468731	0.0909312
BSPS	0.0548913	0.0159366	0.1120980	0.0356684	-0.0163781	0.0682988	-0.0456069	-0.1626040	0.1372553	0.0387652
BVINS	-0.0736195	0.0118219	-0.1480919	-0.0480058	0.0246562	-0.0674780	0.0622066	0.2009918	-0.1784751	-0.0537311
NSECV	-0.0783151	-0.0725578	-0.1971569	-0.0893275	0.0131218	-0.1000574	0.0587526	0.3141214	-0.2530922	-0.0946488
PINDV	-0.1669787	-0.0241156	-0.3202899	-0.1091445	0.0548765	-0.1817956	0.1615079	0.4607388	-0.4021807	-0.1296710
PTLLN	0.1529118	0.0420293	0.1960762	0.0808058	-0.0539242	0.1282238	-0.1097540	-0.2382742	0.2161365	0.1010525
INTLN	-0.0770748	0.0876008	0.0868691	-0.0533139	0.0487792	-0.0700119	0.0794592	0.0358255	-0.0511196	-0.0770697
NBR	-0.3827508	0.0976809	-0.4908053	-0.2530192	0.1673434	-0.4381998	0.3250870	1.0000000	-0.8920316	-0.2822034
IBRL	0.3337093	0.1039959	0.6896810	0.2164692	-0.0965804	0.3931491	-0.2751174	-1.0099278	0.8685492	0.2930449
OBRL	0.1335080	0.1250332	0.7029710	0.2157070	-0.0911692	0.3862717	-0.2729382	-1.0430958	0.8716689	0.3214499
IBRW	0.1925498	0.1135299	0.4327370	0.1233088	-0.0429823	0.2363981	-0.1584716	-0.6684416	0.5495859	0.1633037
OBRW	0.2913865	0.1480830	0.6394341	0.1873275	-0.0706886	0.3535042	-0.2336605	-0.9735531	0.8050988	0.1915499
PRKL	0.3452677	0.0672334	0.6873307	0.2251686	-0.1094778	0.3995630	-0.2902573	-0.9809669	0.8327107	0.2493350
LBRP	0.2835189	0.0983956	0.5833790	0.1840057	-0.0829613	0.3331825	-0.2347284	-0.8519946	0.7169911	0.1968201
RFLOR	0.3162966	0.1339918	0.6766953	0.2092332	-0.0830695	0.3789115	-0.2569172	-1.0138563	0.8638764	0.2134668
CORLLN	0.3328779	-0.0895578	0.9583092	0.3216852	-0.1628936	0.5376733	-0.4098279	-1.4076480	0.8288349	0.2727795
CORLWD	0.1234570	0.0010633	0.2308193	0.0611980	-0.0446118	0.1387674	-0.1066301	-0.3116845	0.2719828	0.0940823
CORTWD	0.2818938	0.0171137	0.5355336	0.1849310	-0.0829093	0.3194268	-0.2415053	-0.7397461	0.6378975	0.2115697
LCTPFA	0.2898715	0.0871987	0.5970399	0.1881261	-0.0886066	0.3409827	-0.2398859	-0.8782302	0.7335611	0.2030857
IWFW	0.2696056	0.1012696	0.6268403	0.1716964	-0.0925309	0.3537469	-0.2695082	-0.9975028	0.8055986	0.1695133
IBFL	0.3229422	0.1089043	0.6702000	0.2093579	-0.0924121	0.3818251	-0.2662903	-0.9841707	0.8259785	0.2246365
FMKLN	0.3237295	0.0352607	0.6284592	0.1910990	-0.1092607	0.3607168	-0.2403103	-0.8747118	0.7107010	0.2387846
AMKLN	0.2879201	0.0111430	0.5634716	0.1780715	-0.0944589	0.3305368	-0.2439960	-0.7725551	0.6776838	0.2112028
STMKLDL	0.1509569	-0.0857266	0.2684583	0.1066058	-0.0589905	0.1719953	-0.1439751	-0.3310322	0.2996421	0.1116383
VACMKLN	-0.0457589	0.0134135	-0.0150886	-0.0136766	0.0154157	0.0039436	-0.0116127	0.0716414	0.0716414	-0.0048989
CRMWMD	0.2684582	0.0145208	0.5098746	0.1768013	-0.0960995	0.3030350	-0.2303598	-0.7117108	0.6051437	0.2018994
CRMMND	0.1066099	-0.0345548	0.1762813	0.0711735	-0.0469732	0.1134612	-0.0965712	-0.2138802	0.1950178	0.0886041
VANGS	-0.0689905	0.0530675	0.0940995	-0.0469732	0.0376862	-0.0679684	0.0662823	0.0893443	-0.0918515	-0.0637351
VANGB	0.1713982	0.0394134	0.5139135	0.1734326	-0.0675928	0.1881158	-0.1571709	0.3904613	0.3401947	0.1238684
SHINL	-0.1439751	0.0585127	0.2303546	-0.0964712	0.0662823	-0.1511709	0.1317357	0.8701653	-0.8502576	-0.1821055
NWNOFHD	-0.3310322	0.1301800	0.7017906	0.2139821	-0.0893443	0.3904613	0.2710553	1.0430958	0.8701166	-0.2822034
IBLWR	0.2996421	0.0716414	0.6051437	0.1950178	-0.0918515	0.3401947	-0.2502578	-0.8700162	0.7375663	0.2137878
OBLWR	0.1116383	-0.0669089	0.2018994	0.0886041	-0.0637351	0.1238684	-0.1821055	-0.2822034	0.2137878	0.1184394
INVLWR	-0.0194990	-0.3338577	0.1883592	-0.0958669	-0.0484956	-0.0636199	-0.0120484	0.4237770	-0.3086066	0.0338873
CRLLWR	0.2560182	-0.0893530	0.4154432	0.1697287	-0.1135379	0.2691911	-0.2307077	-0.6988892	0.4578096	0.2125379
CORLWR	0.0947006	0.0452741	0.2098645	0.0609607	-0.0436502	0.1163813	-0.0762950	-0.3118406	0.2586492	0.0628466
CORLWAR	0.2356639	0.0777583	0.4861309	0.1510626	-0.0846203	0.2761376	-0.1934489	-0.7156098	0.5936957	0.1621897
STLLBR	0.0972824	0.1276857	0.1897817	0.0338876	-0.0095335	0.0870860	-0.0337495	-0.3492897	0.2687273	0.0770961
TFLCLR	-0.3081317	-0.1356657	0.6660151	-0.1987867	0.0680244	-0.1695514	0.2900950	0.9911980	-0.8995076	-0.2075418
NFLHR	-0.0868808	0.0123096	-0.2265526	-0.0705141	0.0430587	-0.1139855	0.0178116	0.5600881	-0.4308385	0.0114387
LRNFHR	0.3031754	0.0927937	0.6254799	0.1967128	-0.0881080	0.3560755	-0.2506982	-0.9168196	0.7698181	0.2120734
ALPHLR	0.2150858	0.0212696	0.4038503	0.1411542	-0.0735819	0.2436065	-0.1846051	0.5631703	-0.4855956	-0.1619456
LOPFCLR	0.0390648	0.1421105	0.1651981	0.0214737	0.0195879	0.0692109	-0.0162126	-0.3263087	0.2449287	0.0401100

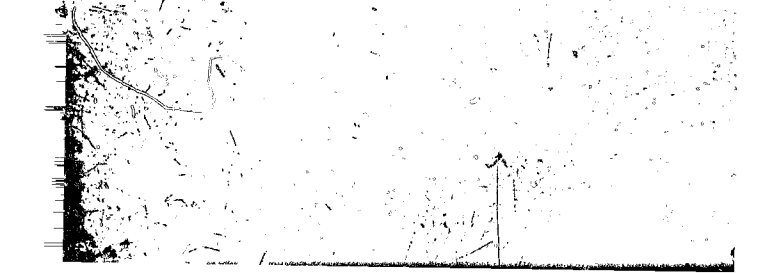




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	INVLWR	GRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFHR	ALFMLR	LCPFCLR
RACHLEN	-0.0998317	-0.1895695	+0.0133359	-0.0983862	0.0976988	0.1154242	-0.0941168	-0.1315005	0.1181921	0.0949045
INTNDLN	-0.1850538	0.0095360	0.0613114	0.1372538	0.1153538	-0.1951519	-0.0741707	0.1600898	-0.0753279	0.1208086
LRNORL	0.0026718	-0.2851080	-0.1000184	-0.2496973	-0.0526930	0.3266036	0.[illegible]	-0.3241623	0.2343999	-0.0314058
RDLNL	0.0629904	-0.3591307	-0.1109932	-0.3542465	0.1004160	0.4715699	0.1[illegible]	-0.4369350	0.3173482	-0.0782102
RNNDL	0.0604283	-0.1370213	-0.0591803	-0.1387229	-0.0573611	0.1809090	0.0866074	-0.1782488	0.1149202	-0.0509503
APXAN	-0.0331066	0.0853982	0.0405042	0.0961957	0.0359637	0.1301791	-0.0617946	0.1239185	-0.0819900	0.0353217
APXPS	-0.1079516	0.0231295	0.0431320	0.0931696	0.0311172	-0.1338787	-0.1327729	0.1411576	-0.0581391	0.0719782
BSAN	-0.0588495	0.1826688	0.0828054	0.1979944	0.0687997	-0.2667016	-0.0963821	0.2953859	-0.1911971	0.0971176
BSPS	-0.0509060	0.1433166	-0.0483356	0.1158294	0.0911882	-0.1540566	-0.0828230	0.1433166	-0.0899310	0.1457455
SVINS	0.0650317	-0.1129920	-0.0605291	-0.1413899	-0.0600933	0.1935012	0.0990629	-0.1815530	0.1162375	-0.0938658
NSEDV	0.1716786	-0.1830676	-0.0922955	-0.2121712	0.1294780	-0.3001529	0.3294315	-0.2699112	0.1751262	-0.1227795
PINSV	0.1430295	-0.2565838	-0.1359223	-0.3179812	-0.1356077	0.4347533	0.2079976	-0.4098242	0.2622567	-0.1793136
PTLLN	0.0020085	-0.0033622	-0.0027376	0.1669582	0.0356399	-0.2211797	-0.0691285	0.2139263	-0.1[illegible]	0.1227790
INTLN	-0.1020910	-0.1301916	-0.0119480	-0.0457801	0.0398793	0.0456818	-0.1050839	-0.0685196	0.0693418	0.0525493
MDR	-0.3196086	-0.5909831	0.3075867	0.7508996	-0.2982885	-0.9963550	-0.4609427	0.9268882	-0.5970495	0.4250116
IBRL	-0.3807907	0.9257712	0.3003260	0.6928060	0.3241235	-0.9563840	-0.5293122	0.8873988	-0.[illegible]394	0.2907[illegible]6
GBRL	-0.4163098	0.9033622	0.3015950	0.7141005	0.3455776	-0.9869748	-0.5719265	0.9124259	-0.5970969	0.3420616
IBRW	-0.3109799	0.2856765	0.2008713	0.4548863	0.2419954	-0.6359987	-0.4185411	0.5805159	-0.3473591	0.2310838
GBRW	-0.1301819	0.4351410	0.2017500	0.4639108	0.3117886	-0.9251439	-0.5789377	0.8480630	0.[illegible]47	0.3427944
PRKL	-0.3250955	0.5285155	0.2899822	0.6726376	0.8919075	-0.9250162	-0.4691909	0.8667[illegible]2	-0.[illegible]263	0.8656995
LBRF	-0.3167388	0.8305162	0.2931107	0.5945512	0.2713115	-0.8063184	-0.4615430	0.7836288	-0.4540396	0.2908566
NTLOR	-0.4212723	0.4756749	0.4028809	0.6920617	0.2425297	-0.9620878	-0.5738773	0.8662884	-0.5429925	0.3225504
CORLLN	-0.0501167	0.5879573	0.1999580	0.4620276	0.1249551	-0.6500296	-0.1135209	0.6380790	-0.0965172	0.0871007
CORLWD	-0.0710211	0.1917287	0.0918170	0.2117609	0.0810660	-0.2993566	0.1890708	0.2804453	-0.1850709	0.0698245
CORTWD	-0.2009994	0.4359308	0.2172141	0.5123281	0.2011959	-0.6965673	-0.3027254	0.6990977	-0.4302962	0.1755115
LCTPFA	-0.1253780	0.4409257	0.2[illegible]9.595	0.5985682	0.4783009	-0.8259111	-0.4532866	0.7668116	-0.4779004	0.2562988
INFW	-0.6903410	0.3961642	0.2978496	0.6700470	0.3716087	-0.9411950	-0.6461133	0.8538998	-0.5032600	0.3587113
INFL	-0.3757380	0.9033612	0.2998316	0.6788103	0.3180913	-0.9202812	-0.5208266	0.8642177	-0.5772521	0.2948102
IMXLN	-0.2574634	0.4988042	0.2575388	0.6065475	0.2871090	-0.8246645	-0.3795379	0.7770393	-0.5020459	0.2166729
AMXLN	-0.2656463	0.4988042	0.2386819	0.5477196	0.2899737	-0.7887632	-0.3570818	0.7035358	-0.4519267	0.2051073
STHXLOL	-0.0190990	0.2540182	0.0947006	0.2236059	0.0972826	-0.3081317	-0.0586608	0.3031754	-0.2190856	0.0390848
VADXLL	-0.2133511	0.0893450	0.0952761	0.0777583	0.1826857	-0.1326057	-0.2056838	0.0927937	-0.0124098	0.2908566
CRHXWD	-0.1883592	0.4159432	0.2092645	0.4851309	0.1897377	-0.6606370	-0.2896526	0.6259797	-0.4088603	0.1651981
CRHXWU	-0.0058649	0.1497827	0.0609607	0.1514066	0.0338876	-0.1987867	-0.0305617	0.1907128	-0.1011542	0.0816777
VANGS	-0.0486956	-0.1135379	-0.0236502	-0.0664243	0.0095235	0.0804323	-0.0427605	-0.0881080	0.0752617	0.0195815
VANGB	-0.0636199	0.2691141	0.1[illegible]2.[illegible]	0.3[illegible]2.[illegible]	0.1[illegible]2.[illegible]	-0.3695544	-0.1139855	0.3[illegible]759	-0.2436065	0.0692109
SHINA	-0.0120484	-0.0307077	-0.0762950	-0.1928489	-0.0337495	0.2500550	0.0179116	-0.2506982	0.1849901	-0.0162126
NWROFHD	-0.4237770	-0.8988892	-0.3118606	-0.7[illegible]8.[illegible]	-0.2911590	0.9[illegible]3.[illegible]	0.5[illegible]6	-0.9[illegible]6	0.5[illegible]3	0.3[illegible]7
LBLWA	0.3088008	0.4572[illegible]2	-0.2588668	-0.6[illegible]3.[illegible]	-0.2[illegible]3.[illegible]	-0.8[illegible]4.[illegible]	-0.[illegible]3.[illegible]	0.[illegible]3.[illegible]	-0.[illegible]3.[illegible]	0.[illegible]3.[illegible]
OBLWR	0.0338873	0.2125379	0.0628666	0.1621497	0.0170961	-0.2075412	0.0118387	0.2120734	-0.1614016	0.0061814
IMXLWR	0.1407259	-0.0026191	-0.1349326	-0.2750893	-0.2506835	0.4140595	0.4956162	-0.3430358	0.1518419	-0.2661827
GRLLWR	-0.0029191	0.4053870	0.1817628	0.3538362	0.0737908	-0.6530655	-0.[illegible]0431	0.6600583	-0.3287831	0.0437616
CORLWR	-0.1349326	0.1417628	0.0933500	0.2180363	0.1081533	-0.2961900	0.1823374	0.2719773	-0.1652976	0.1021198
CORLMWR	-0.2750293	0.3538362	0.2126363	0.4901947	0.2320228	-0.6779351	-0.3806560	0.6276782	-0.3900443	0.2196016
STLLBR	-0.2526835	0.0737908	0.1081533	0.2320228	0.1683499	-0.3368816	-0.3199100	0.2927357	-0.1526109	0.1712665
TFLPLR	0.4140595	-0.6530655	-0.2961900	-0.6779351	-0.3368816	0.9406983	0.5634023	-0.8662238	0.5301527	-0.3162820
INFLWR	0.4956162	-0.[illegible]0431	0.1823374	-0.3806560	-0.3199100	0.5634023	0.6[illegible]3	-0.4773489	0.3[illegible]3	-0.2[illegible]99
LRNFHR	-0.3430358	0.6600583	0.2719773	0.6276782	0.2927357	-0.8662238	-0.4773489	0.8[illegible]467	-0.5018266	0.2699898
ALFMLR	0.1518419	-0.3287831	-0.1652976	-0.3900443	-0.1526109	0.5301527	0.8221736	-0.5018266	0.3278604	-0.1329506
LCPFCLR	-0.2661827	0.0437616	0.1021198	0.2196016	0.1712665	-0.3162820	-0.3270309	0.2699898	-0.1329506	0.1768992



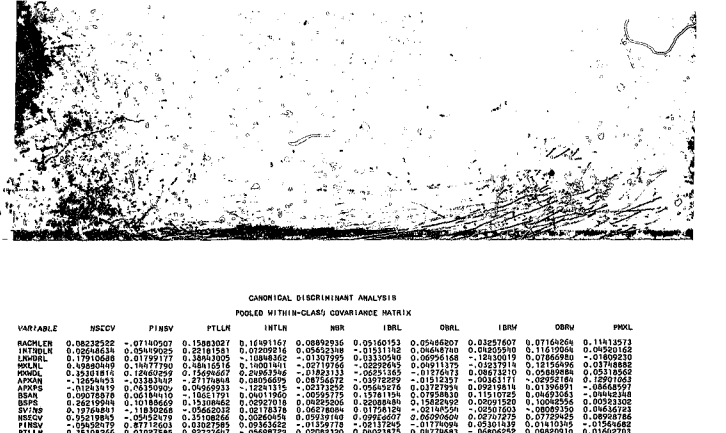


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

VARIABLE	RACNLEN	INTNDLN	LNWDRL	MXLNL	RKWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACNLEN	0.93757769	0.60932360	0.03148809	0.11586009	0.07283072	-0.06873695	-0.11557299	-0.09056719	-0.07661817	-0.02731220
INTNDLN	0.60932360	0.95797644	0.05027772	0.14033527	0.10284077	-0.07696881	-0.16312250	-0.00363954	-0.06663111	-0.10693197
LNWDRL	0.03148809	0.05027772	0.86534524	0.33401512	-0.43360462	-0.43612999	0.06890426	-0.81969594	0.06961765	-0.23018762
MXLNL	0.11586009	0.14033527	0.33401512	0.79875570	0.34250578	-0.21865089	0.09518949	0.04713279	0.18017157	0.03186025
RKWDL	0.07283072	0.10284077	0.43360462	0.34250578	0.99368966	0.13579780	0.01726230	0.37335505	0.10358194	0.30836658
APXAN	-0.06873686	-0.07696881	-0.43612999	-0.21865089	0.13579780	0.99081714	-0.41466468	0.03196482	-0.15681850	0.25277609
APXPS	-0.11557299	-0.16312250	0.06890426	0.09518949	0.01726230	-0.41466468	0.98334161	0.13690372	0.17081634	-0.05210990
BSAN	-0.09056719	-0.00363956	-0.81969594	-0.04713279	0.37335505	0.03196482	0.13690372	0.94733394	0.53421208	0.10503047
BSPS	-0.07661817	-0.06663111	0.06961765	0.18017157	0.10358194	-0.15681850	0.17081634	0.53421208	0.94733394	0.09804124
SVINS	-0.02731220	-0.10693187	-0.23018762	0.03186025	0.30836658	0.25277629	-0.06318990	0.10503047	-0.09804106	0.98045124
WSEDV	0.02813562	0.05868134	-0.17918588	0.49880969	0.35301814	-0.12694953	-0.01243819	0.09078878	0.28259544	0.19768491
PINSV	-0.07140507	0.05499025	0.01799777	0.16477790	0.12960239	-0.03183442	0.06350905	0.06184410	0.10188669	-0.11830268
PTLLN	0.15883072	0.22198581	-0.33807395	0.19815516	0.15609667	-0.21778048	0.08969933	-0.10821791	0.15209652	-0.05468212
INTLN	0.16491167	0.07209216	-0.10868162	0.14001441	0.09963546	0.08056695	-0.12281315	0.04911960	0.08927018	0.02178378
MBR	0.08682912	0.09482340	-0.03507995	-0.02719756	0.01821133	0.08756218	-0.02317855	-0.05599779	0.08225206	0.06276089
IBRL	0.05160153	-0.01531142	0.03330540	-0.02922665	-0.06851355	-0.03972229	0.05645276	0.15781194	0.22088484	0.01758124
OBRL	0.05486209	0.01965749	0.06956168	0.09911375	-0.01826773	0.01512152	0.03729994	0.03599308	0.09225206	-0.01810594
IBRW	0.03257607	0.04209540	-0.11620319	0.03237914	0.08673210	-0.00363771	0.09219814	0.11310725	0.08091520	-0.02507603
OBRW	0.07186206	0.11619824	0.07866400	0.12156496	0.05808681	0.02953184	0.01396891	0.04693063	0.10092556	-0.04589150
PRKL	0.11413573	0.04520162	-0.01809230	0.03786882	0.05219562	0.12907063	-0.06668597	-0.04862308	0.00523308	0.04636723
LBRP	0.12198700	0.07446699	0.07539538	0.10626735	0.04116782	-0.02462855	0.06726160	0.00945602	0.10184968	0.03704957
OBLOR	0.06569849	0.08301841	0.05925287	0.08270271	0.11386310	0.02389932	0.00701366	0.04741867	0.01745654	-0.03251353
CORLLN	-0.00775580	0.05154633	-0.09074565	0.09754570	0.04809684	-0.00370807	0.02703873	-0.14713656	-0.01680615	-0.00257925
CORLWD	0.05092554	0.07749283	-0.03174712	0.07812856	0.15690662	-0.02583459	0.01640480	0.01068918	0.00106728	0.12713156
CORTWD	-0.06006600	-0.04156212	-0.02675225	-0.01280795	0.00988989	-0.04948536	0.05096773	0.06622848	0.09261426	0.00826938
LCTPTA	0.03311577	-0.00508322	0.03974451	0.03269854	0.00716907	0.00778785	0.03736610	-0.03941209	0.04259264	0.00907715
INFW	0.07003899	-0.01514375	0.05929388	0.01228668	-0.04642026	0.04525678	0.01830451	-0.00613459	0.09232978	-0.09769810
INFL	0.08725916	0.01685148	0.06956168	0.09911375	-0.01718996	0.01175382	0.03688660	0.03599308	0.11512644	0.01805756
FMXLN	-0.00115346	0.04137769	0.02927987	0.05115686	0.03733770	0.03379199	-0.03839508	-0.05287175	-0.00978932	-0.04930796
AMXLN	-0.05968205	0.04666182	-0.00082995	0.07928958	0.08559801	0.02813357	0.03903508	0.00823921	0.16795442	0.06149629
STMXLOL	0.10204327	0.23648120	-0.06300208	0.06511634	0.17006010	0.01396018	0.04052019	-0.00702016	-0.07580137	0.07938886
VMOXLN	-0.06414418	-0.16198157	-0.05099784	-0.10611774	-0.10951170	0.01273617	0.00621084	0.09231882	0.08666769	-0.06610834
CRMWWD	0.03218092	0.04288925	0.00359865	0.05357171	0.04966850	-0.10117861	0.06758981	0.19001459	0.11557257	-0.02367906
CRMWHD	0.09813402	0.01147740	-0.03159098	0.08233529	0.11986718	-0.07366857	0.13581172	0.12071868	0.19496678	0.02290617
VANGS	0.11183516	0.11183693	0.30157791	0.09878602	0.33307205	0.21207529	-0.14431647	0.21735209	0.06980505	0.43607302
VANJB	-0.16660562	-0.12799569	-0.07179732	0.04775927	0.09253017	0.02953011	0.08295853	0.04921906	0.04921906	0.18415890
SHINL	-0.04325162	0.03723885	0.72526658	0.24071108	0.82005806	-0.29513982	-0.08219922	-0.19170479	0.29666468	-0.31465009
WWWOFWD	0.11256333	0.18120720	0.01457992	0.06132260	0.07052645	-0.10129926	-0.02655466	-0.10433839	0.00000000	0.02401618
IBLWR	0.02611995	0.05718437	0.11308548	0.11592271	0.01718996	0.04508501	0.10007955	0.09210920	0.09210920	0.06670386
OBLWR	-0.02154750	-0.12854195	-0.09314686	-0.16130247	-0.13307602	0.06561911	0.01808509	0.04170080	0.09652330	0.21569745
INVLWR	-0.06774405	-0.04948630	0.01664598	0.06607158	0.05302594	0.09461051	-0.13192772	-0.08760635	-0.04530150	0.08696583
CRLLWR	-0.02961635	-0.05317739	0.11909791	0.05216620	-0.05610138	0.01831779	0.00280937	-0.17261165	-0.02684467	-0.07395907
CORLWR	0.00373539	-0.05011061	0.03111837	0.00279780	0.01875875	0.09671737	-0.07567076	-0.12292899	-0.00682108	0.01974100
CORLNWR	-0.00513873	-0.03335034	0.06275900	-0.02922662	-0.07796881	0.05002792	-0.04389946	-0.12212241	-0.03866308	-0.00761250
STLLBR	0.08046762	-0.18001093	0.02473376	-0.07907915	-0.18961518	0.03945508	-0.01376953	0.06528880	0.17179867	-0.03911071
TFLPLR	-0.09667286	-0.02019787	-0.02291117	0.03075006	0.07006896	0.00782378	-0.06399840	-0.07667834	-0.10400835	-0.05573011
INFLNR	-0.01125868	-0.01685148	0.06956168	0.09911375	0.01718996	0.01175382	0.03688660	0.03599308	0.11512644	0.01805756
LRNFHR	-0.03308731	-0.00054739	0.06172836	-0.00866160	-0.05017360	0.05468070	-0.02156213	0.05206132	0.10800639	-0.04666368
ALFMLR	0.09407574	-0.01198317	0.03131366	0.09800761	0.06131966	-0.03057952	0.06104905	0.18460684	0.13388610	0.13590686
LCPFCLR	-0.02737341	-0.00772662	-0.05289621	-0.06129850	0.04066060	0.04570469	0.01052916	-0.00083019	0.03977765	0.01278825

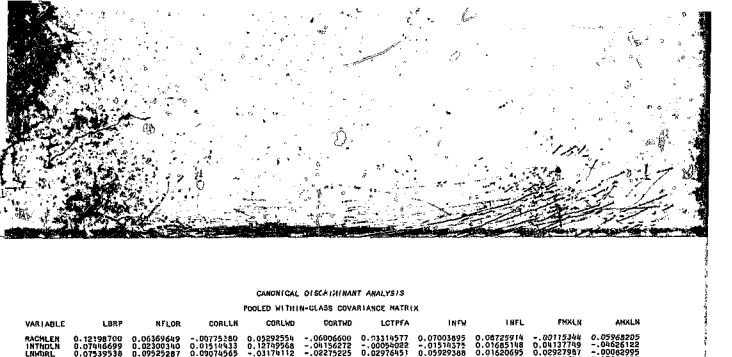




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

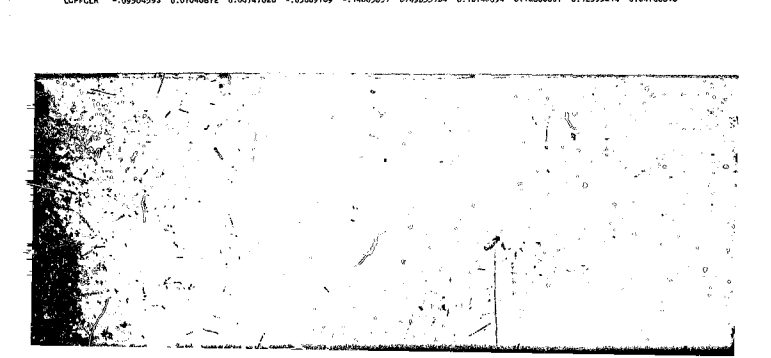
VARIABLE	NSCOV	PINSV	PTLLM	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMXL
RACMLEN	0.08232522	-.07140507	0.15803027	0.16491167	0.08892936	0.05160153	0.05468207	0.03257607	0.07162626	0.11415573
INTNDLN	0.02648634	0.05449025	0.02181551	0.07209216	0.05652396	-.01551152	0.04684760	0.00205948	0.11610066	0.04932152
LNGBAL	0.17910648	0.01199171	0.03843905	-.10848362	-.01301155	0.03330540	0.00956168	-.12130919	0.07866980	-.01809230
MXLNL	0.19880449	0.19477790	0.48415516	0.14001411	-.02719766	-.02292645	0.09911375	-.03237914	0.12156496	0.03767882
MXNDL	0.35301815	0.12602859	0.15699407	0.29823946	-.01892133	-.06251165	-.01726572	0.09873210	0.05889884	0.05319562
APXAN	-.12694433	-.03383447	-.27179848	0.08056689	0.08756672	-.03978229	-.01512357	-.00361171	-.02952184	0.12901063
APXRS	-.01843419	0.06150909	0.09569933	.12241315	0.02732052	0.05043276	0.03727934	0.09219816	0.11396891	0.08648597
BSAN	0.09078878	0.00184410	-.10661791	0.04011960	-.00595775	0.15781454	0.07958830	0.11510725	0.04693063	-.04443348
BSPS	0.26219904	0.19586629	0.35108466	0.02927018	0.09225205	0.02008841	0.15822492	0.09219729	0.10482756	0.00533302
SVINB	0.19764841	-.11830268	-.05662012	0.02178378	0.06278884	0.01756129	-.02148558	-.02501603	-.08089350	0.09636723
NSCOV	0.15219845	0.05458479	0.15108266	0.00280956	0.05939194	0.09956607	0.06090600	0.02707275	0.07229425	0.08928766
PINSV	-.09452879	0.87718603	0.03027585	0.09363622	-.01359778	-.02137245	-.01776096	0.05301139	0.01410345	-.01546682
PTLLM	0.15108266	0.03128795	0.37727697	-.05668722	0.02208258	0.09023875	0.08778683	-.06382358	0.09822703	0.08552784
INTLN	0.00260454	0.09363622	-.05698722	0.97632857	0.09552352	0.10360967	0.10299061	0.17854865	0.10533947	0.11821146
NBR	0.05939160	-.01359778	0.02208258	0.09552352	0.25973304	0.15472698	0.09631905	0.13890554	0.09073674	0.16708200
IBRL	0.09928607	-.02137245	0.09023879	0.10360967	0.15472698	0.34011585	0.20095991	0.21748377	0.11465855	0.11190067
OBRL	0.06090600	-.01776096	0.08778683	0.10299061	0.09631905	0.20095991	0.29201106	0.13118700	0.14239662	0.13336683
IBRW	0.02707275	0.05301139	-.06382358	0.17854865	0.13890558	0.21748377	0.13118702	0.72639712	0.20959980	0.14618514
OBRW	0.07229425	0.01410345	0.09822910	0.10533947	0.09073674	0.11465855	0.14239662	0.20959980	0.18777536	0.14618122
PMXL	0.08928786	-.01546682	0.08552784	0.11821146	0.16708200	0.11190067	0.13336683	0.14618514	0.14618122	0.35350466
LBRP	0.17239779	-.03671219	0.10618461	0.13202927	0.08370564	0.15840978	0.08112936	0.16948176	0.06825260	0.16153175
RFLGR	0.42677397	0.00752316	0.06591159	0.04340834	0.13018167	0.16202202	0.15296909	0.09263952	0.10935535	0.12162250
CORLLN	0.11033080	-.02998372	0.02596573	0.04634480	0.06421557	0.06753591	0.09971241	0.08408289	0.13652382	0.17292942
CORLWD	0.06516671	0.01868275	0.12668177	0.17033116	0.03707367	-.01813867	-.03916750	0.13672788	0.03835604	0.09550316
CORTWD	0.07115002	0.00216125	0.05212258	0.19523346	0.05971851	0.18265520	0.14321931	0.30511007	0.11714199	0.11820510
STDFTA	0.07281533	0.00881321	0.01385592	0.04922376	0.09851635	0.15337109	0.10948063	0.15337109	0.10951548	0.14904300
INFW	-.00872133	0.00139644	0.00276193	0.09879634	0.05806637	0.09339512	0.12310158	0.09726783	0.11278055	0.13617700
INFL	0.10363656	-.00119344	0.03284475	0.12205690	0.15815929	0.25825805	0.18096169	0.20952736	0.14296990	0.20001257
FMXLN	0.00488811	0.03025211	-.00208979	0.10664392	0.02628803	0.02849958	0.04830251	0.00890546	0.06190727	0.06768232
AMXLN	0.18878780	-.09118689	0.03691851	0.17169554	0.12339175	0.22767995	0.16748572	0.17540137	0.19820549	0.19831710
STMXLOL	0.01921826	0.13106002	0.00910116	0.10981138	0.16935050	0.03290039	-.00958716	0.28525848	0.06925568	0.10894701
VACNCLR	0.01708861	-.00909377	0.00158309	0.03917189	0.03939939	0.23613827	0.15009539	0.17580133	0.06803176	0.00996807
CRMWD	0.12396109	0.00335237	0.11669927	0.19756838	0.07514252	0.02334659	0.13449221	0.36616912	0.13873930	0.14076037
CRMWD	0.16833871	0.09931310	0.10502596	0.16818790	0.07330761	0.09510859	0.10849262	0.31813134	0.14033155	0.09266014
VANGD	0.58013651	0.03884439	0.08113650	0.26340756	0.07262155	0.01446058	-.01891765	0.01898889	-.00589233	0.08612283
VANGB	0.28196328	0.11026738	0.03926643	-.01612237	0.02663073	0.02615451	0.03393702	0.01705510	0.01918994	0.04353621
SHING	0.07259911	0.00821329	0.36948772	-.13062974	0.08534728	0.09228504	-.12100215	0.14303775	0.07225823	0.08928786
MXNOPHD	0.03141096	-.04570079	0.00845293	-.00377756	-.05405345	-.11799539	-.11720435	-.09286694	-.08629215	-.08606918
IBLNR	0.19143878	0.01139344	0.03284475	0.12205690	0.15815929	0.25825805	0.18096169	0.20952736	0.14296990	0.20001257
OBLNR	-.06083146	-.04635061	-.09907004	0.02538201	0.07013879	0.09948241	0.12870728	-.18118116	-.10682650	0.09309910
INVLNR	0.08586010	0.01753625	-.04383409	-.04268520	0.00	0.07298603	-.04260548	-.07284776	-.07030957	0.05813662
CRLLWR	0.06374026	-.12582180	-.04118248	-.04280995	0.10023506	0.07804721	0.11052716	0.00851105	0.10991196	0.15685594
CORLWR	-.01756829	0.00703992	-.12648742	-.10605706	0.03960168	-.00985542	0.03953698	-.20606911	0.03933353	0.03315682
CORLWRK	-.04567996	-.05906830	-.05465898	-.03071928	0.05881697	0.02107978	0.06740221	-.05622310	0.06823896	0.08901869
STLLBR	0.06840030	-.08473612	0.09413711	0.08496611	-.05107733	0.11193507	0.10608027	-.13791806	0.05619698	0.01527063
TFLPLR	0.09066900	0.09414698	-.00199275	-.02884890	-.09947089	-.17371733	-.13447648	-.16796076	-.13613238	-.08896285
INFLWR	0.12295272	0.01139344	0.03284475	0.12187216	0.15815929	0.03427251	-.06967783	0.00671004	0.14296990	0.20149891
LRNFHR	0.02909423	0.01582147	0.04118938	0.02319146	0.13195582	0.20813179	0.18373548	0.14903620	0.13998549	0.19482643
ALFMLR	0.17675078	-.08285589	0.07737705	-.00961162	0.08769992	0.12868203	0.09156102	0.14303775	0.10072615	0.07923509
LOFTCLR	-.06814546	0.08608694	-.06310784	-.08909721	0.08475917	0.07372255	0.07068407	-.07124169	0.02915390	0.01130949

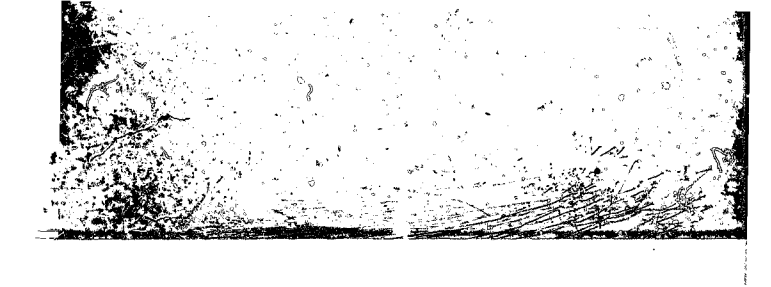


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-GLASS COVARIANCE MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RACHLEN	0.12198700	0.06369649	-.00775280	0.03292554	-.06006600	0.03114577	0.07003895	0.08725974	-.00715248	0.05968205
INTHOLN	0.07496689	0.02300140	0.01510433	0.12719958	-.01156273	-.00054088	-.01516375	0.01683108	0.04137769	-.00468182
LWWORL	0.07539538	0.09525287	0.09074565	-.03176112	-.02275225	0.02976451	0.05920388	0.01620693	0.02927987	-.00082995
WWLNL	0.10624735	-.02272071	0.09794370	0.07812856	0.01780795	0.03269594	0.01220468	-.00210270	0.05113686	0.07728996
WWWDL	0.09110782	-.11366310	0.04809684	0.16502642	0.00988989	0.00718091	-.04662674	-.01410996	0.03753770	0.08598617
AMVAN	-.03963859	0.02389142	-.03370807	-.02532952	-.00286336	0.00778782	-.04925670	0.01075588	0.03779199	0.00818377
AMPPS	-.00726730	0.00701366	0.02783873	0.01669980	0.05096773	0.03756010	0.01830151	-.02868664	-.03839508	0.03491508
BSAN	0.03415607	0.04743267	-.16713656	0.01066918	0.04622646	-.03941059	-.00813459	0.05299336	-.05287175	0.05233321
BSPS	0.12188468	0.19746525	-.01680815	0.00106728	0.09151126	0.06598413	0.09232978	0.14151246	-.00978932	0.16929442
SVINS	0.03709461	-.03291355	-.09217925	0.12717916	0.04622646	-.00000775	-.13939810	0.01805256	-.04257706	0.06134609
NSECV	-.11727779	0.02679427	0.71033080	0.06516671	0.07135002	0.07281633	-.00872133	0.10363652	0.04088811	0.18878780
PINSV	-.03671219	0.00758136	-.02998313	0.18962775	0.09215535	0.04823281	0.08115644	-.01195812	0.03025211	-.00716489
PTLLW	0.10618861	0.06191152	0.05550673	0.14768177	0.05212258	0.01385592	0.02876143	0.03284675	0.00208979	0.03691861
INTLN	0.13232927	0.04340232	0.04434640	0.17033114	0.15983346	0.03975076	0.09879534	0.18205629	0.10683183	0.13149500
NBR	0.08370626	-.10571502	0.04900653	0.03307537	0.05973851	0.11481635	0.05806637	0.15870289	0.02620803	0.13539175
IBRL	0.15890978	0.16020390	0.05753591	-.03213867	0.18264520	0.19180463	0.09349512	0.25853205	0.02440592	0.22747995
OBRL	0.08112936	0.15296926	0.09972121	-.03916750	0.14727121	0.15331079	0.12330158	0.18067693	0.04832021	0.16748872
IBRW	0.16448176	0.09383952	0.08460889	0.13672788	0.30511007	0.10299958	0.04726293	0.20925758	0.00490546	0.17540337
OBRW	0.06825800	0.10496586	0.13852322	0.03635604	0.11714159	0.12951089	0.11870005	0.14629690	0.04100127	0.12860949
PWXL	0.16155173	0.12166250	0.17252042	0.00552036	0.11820510	0.14909904	0.13617700	0.20001057	0.06788132	0.19831710
LBWP	0.01006907	0.09056196	0.11668718	0.09150696	0.18578567	0.07999157	0.09216732	0.16654138	0.09073283	0.01941770
NFLOR	0.09056386	0.33420756	0.01935663	-.06896106	0.08736620	0.08968578	0.16506302	0.17813731	-.03527775	0.13843089
CORLLN	0.11636718	0.01936651	0.15007396	0.08221614	0.08548669	0.27407279	0.15676992	0.17029926	0.24071280	0.23189995
CORLWD	0.09160096	-.06896106	0.08221614	0.24927782	0.22220001	-.03702366	-.01391836	-.00606496	0.06344170	-.06904492
CORTWD	0.18378567	0.08736600	0.08548669	0.22220001	0.40527877	0.01965518	0.09369530	0.17809277	0.08021660	0.13990678
LCTPFA	0.07999157	0.08968272	0.27407279	-.03702366	0.01965518	0.52009619	0.22791590	0.31549710	0.24446930	0.31368900
INFW	0.09216732	-.16506302	0.15676992	-.01391836	0.09369530	0.22791590	0.35927606	0.31520050	0.19328394	0.29579124
INFL	0.16654138	0.17813731	0.17029906	-.00606496	0.12680212	0.31549710	0.31220381	0.38113100	0.12016741	0.32967658
FMXLN	0.00073286	-.03527775	0.28071280	0.06341170	0.00301460	0.24446930	0.19328394	0.12016741	0.48319961	0.18598201
AMXLN	0.11941770	0.13843089	0.23189995	-.06904492	0.13990678	0.31368900	0.29579124	0.32967658	0.18598201	0.59305380
STMKLOL	0.08910836	-.07627065	0.14804946	0.05901791	-.05366857	0.02490759	-.11225917	0.05820906	0.05281567	0.09783660
VACNKLN	0.05794005	0.12843810	0.04575144	-.02704956	0.06141768	-.11165789	0.18075103	0.01620182	0.03623582	0.02569431
GMXWD	0.23252109	0.05696258	0.05897780	0.21806199	0.51411681	-.05466556	-.02376339	0.13565506	-.05460971	0.13421754
GMNWD	0.13637465	0.08907739	-.00869126	0.10869606	0.13394618	-.06796757	-.02809117	0.09608127	-.13457477	0.05929251
VANGS	0.00291105	-.05035773	0.08766143	0.09326659	-.04953369	0.05708828	-.06375531	0.04865776	0.03844898	0.02809276
VANGS	-.01979636	0.05899174	0.07810081	0.04622646	-.00286336	0.00778782	-.04925670	0.01075588	0.03779199	0.00818377
SHINL	0.06759486	0.15338148	-.01173091	-.07009576	-.02978260	0.00439126	0.04309873	0.04430079	-.01854504	-.00295350
NUMOFND	-.05907922	-.10557690	0.04900653	0.03307537	0.05973851	0.11481635	-.13065606	0.15870289	-.06309939	-.11176125
IBLWR	0.05759965	0.18734780	0.02284379	-.12073762	0.01071937	0.15008605	0.07757900	0.15378832	0.02290507	0.13698418
OBLWR	0.01436758	0.09291500	-.06321516	-.10271812	0.03923788	0.04700131	0.09016175	0.07471199	-.00109534	0.07565714
INVLWR	0.01391517	-.10999378	0.06899835	-.01861557	-.06618726	0.08713800	-.17003261	0.08635462	0.05299435	0.07748029
CRLLWR	0.08496816	0.09533358	0.50915579	-.19636678	-.03837051	0.26161152	0.13783189	0.15069357	0.21395790	0.32940757
CORLWR	-.10423187	0.01777716	0.27712006	-.22516128	-.16293683	0.05489271	0.22903923	0.15902878	0.29452894	0.28137435
CORLWWR	-.00172286	0.02217589	0.28053810	-.26562001	-.21023955	0.13657189	0.18520902	0.19044434	0.30003548	0.27297795
STLBR	0.02661396	0.16158015	0.01115280	-.15958066	0.05960156	0.21793562	0.25212665	0.17362217	0.06887325	0.17956048
TFLPLR	-.12209460	-.08988714	0.00218068	0.03910146	-.13718168	-.03609051	-.01900804	-.06656478	0.09333770	-.06522043
NFLWR	0.09460511	0.17888017	0.08460889	0.13672788	0.30511007	0.10299958	0.04726293	0.20925758	0.00490546	0.17540337
LRNFHR	0.11960652	0.16521265	0.20949788	-.08466647	0.17852078	0.21903114	0.16692310	0.23973713	0.12627263	0.22519303
ALTNFLR	0.17778811	0.14788741	0.20949788	-.13948158	0.11165671	-.11590868	-.03412960	0.07457003	0.16847469	0.18985126
LCPPCLR	-.09500593	0.07046672	0.00747626	-.05689709	-.18605057	0.09855184	0.18748699	0.18860637	0.12995214	0.04788816

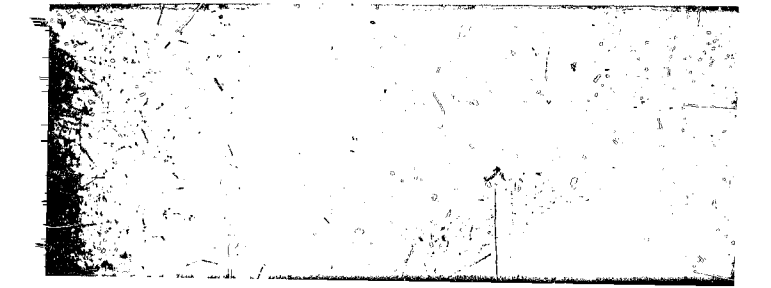


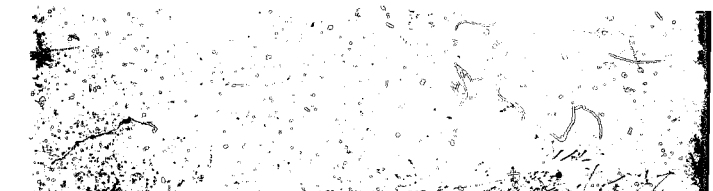


CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

VARIABLE	STMXLOL	VACMXLN	CRMXMD	CRMXMD	VANGS	VANGB	SHINL	NWNOFHD	IBLNR	OBLNR
RAGNLEN	0.10214327	-.06414418	0.03314090	0.04913802	0.11183536	-.16665946	-.04325162	0.31156833	0.02631900	-.02134750
INTNDLN	0.23568120	.18198167	0.04868225	0.01114780	0.11943843	-.10008159	-.01723885	0.16120760	.05731800	-.12656905
ANNDRL	-.06310208	0.06258994	0.00159865	0.03143098	-.30357893	-.19119114	0.72586406	-.01457492	0.11960544	-.04314486
ANGLNL	0.08511634	-.10665176	0.05357711	0.08293509	0.09874002	0.14477227	0.24071108	0.06132760	-.01592271	-.16130287
ANNDL	0.17006610	-.15474700	0.09468950	0.11484718	0.23307205	0.32980262	-.42000908	0.07959656	-.09315053	0.23307402
APKAN	-.01356018	0.01373617	-.10117841	-.07336857	0.24207529	-.02953017	-.29911982	-.10129424	-.01562509	0.08561913
APXPS	0.09050819	.01180930	0.06758943	0.13521317	-.14931687	-.01250285	-.08823922	-.02863566	.02859051	0.01080549
BSAN	-.00702018	0.09251865	0.14001559	0.12011868	0.21735209	0.23820970	-.19170479	-.08243239	0.10007955	0.04170080
BSPS	-.07580117	0.08599827	0.11357257	0.14404278	0.06960955	0.08372196	0.29684488	-.09941709	0.09315053	0.23307402
SVINS	0.07938826	-.00610834	-.02367906	0.02290617	0.43407302	0.18415890	-.31145009	0.02606616	0.04670386	0.21569745
NSECV	0.01921606	0.05778961	0.12391197	0.10814871	0.28016651	-.02196264	0.20059917	0.02716199	0.09196872	-.06063164
PINSV	0.13106002	-.09908157	0.00352237	0.09913191	0.05348339	0.11026718	-.00991298	-.04570079	-.05317064	-.09635061
PTLLN	0.00018816	0.04973759	0.05469927	0.10900594	-.09116360	0.03598643	0.15082756	0.04980787	0.09480977	0.04170080
INTLN	0.10481138	0.16728710	0.19756838	0.18818790	0.06340756	-.01612237	-.15048911	-.00371756	0.00879382	0.02538201
MBR	0.16935098	0.09820958	0.11541629	0.07346581	0.07892153	0.02923073	0.00827234	0.09425545	0.09865964	0.09913879
IBRL	0.03396019	0.23841627	0.20514655	0.20930859	0.01866058	0.02615451	0.10933672	-.11749539	0.24880906	0.09942041
OBRL	-.00453714	0.19209815	0.13586766	0.10869852	-.01891766	0.03198702	0.09227034	-.11720615	0.21569745	0.08561913
IBRW	0.08315248	0.17280123	0.36616912	0.31601234	-.01898889	0.01679510	-.12700913	0.09866699	.25750961	-.10118116
OBRW	0.06925969	0.06203771	0.12872930	0.10939155	-.02589231	0.01915091	0.07355241	-.08620915	0.03750080	.30682690
PAXL	0.10809701	0.09298837	0.11405137	0.09269284	0.08612283	0.03893823	-.03599130	-.18466918	0.04615801	0.04309230
LBRP	0.08930836	0.05794202	0.23353109	0.13637669	0.00294705	-.01676835	0.06759986	-.05097928	0.09759965	0.01396758
NFLOR	-.07627065	0.10894220	0.05646858	0.09908719	-.09525772	0.02909474	0.15324748	-.10559790	0.12734780	0.09221509
CORLLN	0.18804246	0.09875146	0.05697780	-.00848156	0.08766143	0.09810081	-.01373091	-.10700863	0.02288375	-.06321516
CORLWD	0.20601791	.20760695	0.21804195	0.10609666	0.09326659	0.09659170	-.07009576	0.04500530	-.12071765	-.10521812
CORTWD	-.05366857	0.21308746	0.31411681	0.43385598	-.04593369	0.01368841	-.02978260	-.15079093	0.01071937	0.03293788
LCTMFA	0.02490757	0.13162789	-.05466826	-.06795757	0.05708688	-.00608587	0.00439126	0.11819995	0.15008606	0.04708133
INFW	-.11222297	0.10075102	-.02374339	-.02809117	-.06375531	-.04304894	0.04309873	-.13061625	0.07757990	0.00016178
INFL	0.05888976	0.15229515	0.13586766	0.09608852	0.04885716	0.03755091	0.04410077	-.11720615	0.15278232	0.07717398
FMXLN	0.05281567	0.03523582	-.05860971	-.13849471	0.03804698	0.06629731	-.01858504	-.06309939	0.08260507	-.00109510
AMXLN	0.09782640	0.09259131	0.13482194	0.09909251	0.08089276	0.08896002	-.00879135	-.11174125	0.13698813	0.07565714
STMXLOL	0.91300913	-.20806915	0.13357593	0.23276190	0.12385344	0.08886234	-.11212790	0.05765822	-.14668843	-.08349806
VACMXLN	-.20806915	0.91690511	0.12183774	0.12876503	-.12876503	-.10927714	0.04960751	-.12804316	0.10410058	0.13412268
CRMXMD	0.13357593	0.12169590	0.65863778	0.48201036	-.05321006	-.02087999	0.01623310	-.08716601	-.01349562	-.00366757
CRMXMD	0.23276190	0.09545187	0.48201036	0.97136899	-.00809645	0.00430105	0.00439605	-.05722606	0.04689909	0.01018487
VANGS	0.12385344	-.10276603	-.05321084	0.00805612	0.99667036	0.27718892	-.27298213	0.05854051	0.02006875	0.09106156
VANGB	0.08886234	-.19427714	0.02087995	0.03450005	0.27718892	0.89200891	-.07343945	0.04006526	0.04709746	0.01619093
SHINL	-.11212790	0.04960117	0.01623310	0.00439605	-.27298213	-.07343945	0.93091979	-.06013585	0.21510790	0.00662722
NWNOFHD	0.05766422	-.12844316	-.08716601	-.05722606	0.05854051	-.04006522	-.06815920	0.30259776	-.08613506	-.09090371
IBLNR	-.14668843	0.10410058	-.01349562	0.04689909	0.02006875	0.04709746	0.21510790	-.07564884	0.49728776	0.28340628
OBLNR	-.08349806	0.13412268	-.00366757	0.01018487	0.09106156	0.01619083	0.00662722	-.05040371	0.28340628	0.93176301
IMVLWR	0.16230453	-.20705480	-.03257481	-.04529511	0.10813820	0.14082205	-.00875137	0.08231392	0.13480832	0.11079942
CRLLWR	0.02924024	0.11713921	-.05870987	-.20564038	0.02752562	0.03318903	0.03953662	-.11901757	0.08667047	-.01403058
CORLWR	0.00832119	0.01859638	-.60174387	-.43110297	0.09943382	0.09180890	-.00655082	-.03907169	0.14237123	0.02354075
CORLMWR	-.04245361	0.07998117	-.26346272	-.60446650	0.03830609	0.05901088	-.01593726	-.04697955	0.07049536	0.00913928
STLLWR	-.15292649	0.28713602	-.08669360	-.09698218	-.06596183	-.06142166	0.10558227	-.10321026	0.21353045	0.09619125
TFLPLR	-.10089998	-.03569251	-.17651507	-.17166943	0.05712066	-.00141161	-.08838302	0.07631315	-.10033057	0.01407621
MFLWR	-.17650988	0.11713921	-.05870987	-.20564038	0.10229675	-.04396558	0.03953662	-.07564884	0.49728776	0.28340628
LRNFWR	0.00993982	0.16644811	0.13585163	0.08515626	-.01418814	-.00365710	0.09835932	-.25878728	0.14965423	0.07899475
ALFWLR	0.07098906	-.08986732	0.10220020	0.22288013	-.05913318	0.01128998	0.09559684	0.01596749	0.04399672	0.00092852
LGFFCLR	0.16636622	0.05636428	-.29660075	-.21899521	0.01832135	-.03839790	-.03674685	-.07564884	0.73193016	0.09134510

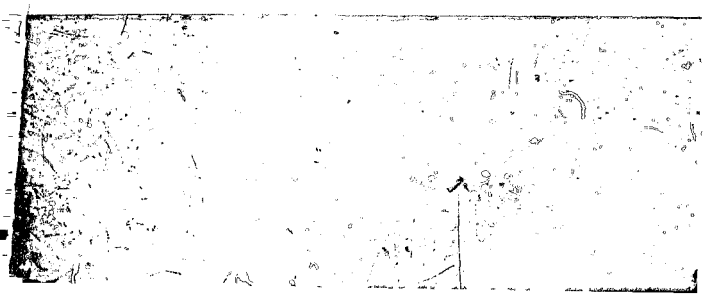




CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

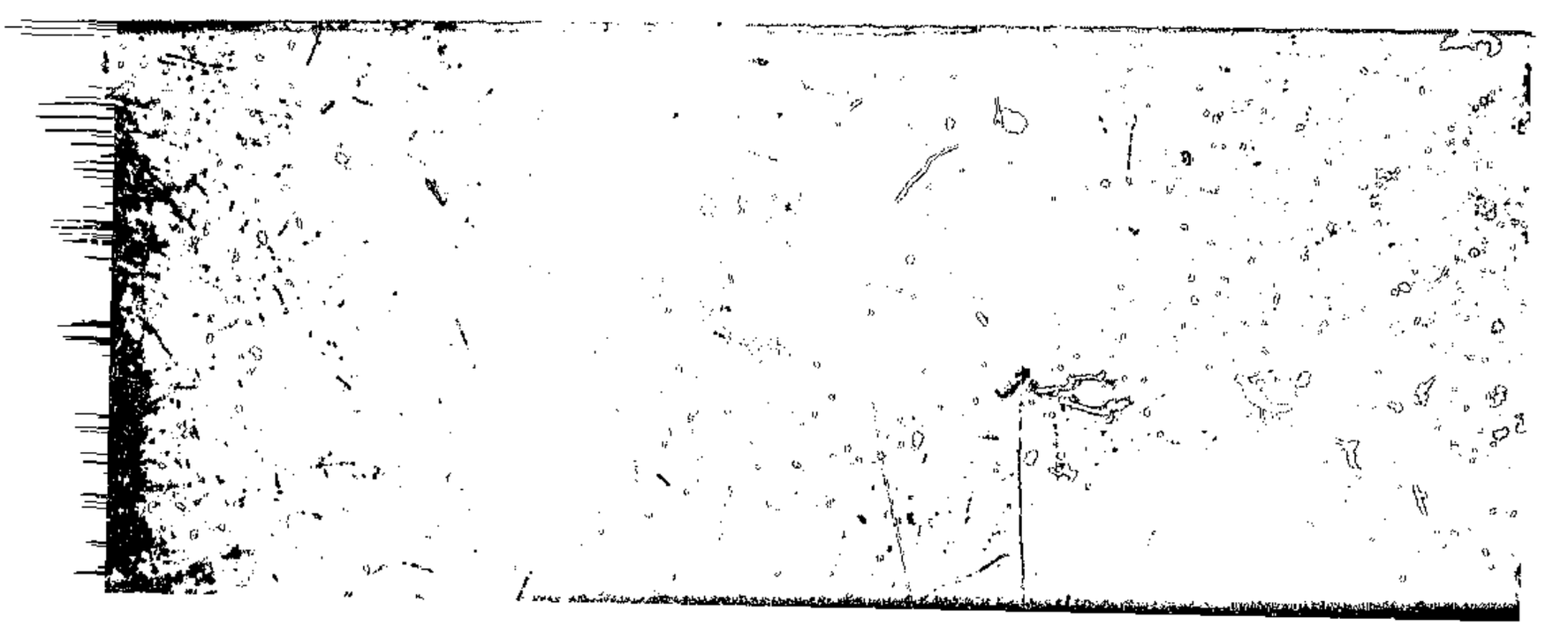
VARIABLE	INVLWR	CALLWR	CORLWR	CORLWSR	STLLBR	TFLPLR	INFLWR	LRNFWR	ALFMLR	LCPFCLR
WCHLEN	-.06774485	-.02961635	0.00373539	-.00513873	0.00046762	-.02667286	-.01153448	-.03303731	0.09407574	-.02573741
NTRDLN	-.0844063C	-.05317739	-.00631061	-.03335034	-.18091093	-.02019787	0.00884880	-.00054735	-.01163817	-.00772662
NWORL	0.01662858	0.11909791	0.15111837	0.06875500	0.02932216	-.02291117	-.05134720	0.06179145	-.03313468	-.05289621
NL	0.06607858	0.05219620	0.00279789	-.02229582	-.07907915	0.03075006	0.01984125	-.00866160	0.04980761	-.08129850
NWL	0.05305544	-.05610138	-.01827475	-.07729884	-.12963712	0.07004896	0.06965176	-.06017360	0.06187960	-.04966060
XMAR	0.04961051	0.01431479	0.09671137	0.09002792	0.03945508	0.00762378	-.00571035	0.05488470	-.03057292	0.04570469
XVPS	-.13192772	0.00280037	-.01567076	-.04289996	-.03176953	-.06395840	-.05043901	-.02156213	0.06109470	0.01059216
SAW	-.08780625	-.17281815	-.15292899	-.12221241	0.06628280	-.07647834	-.04101764	0.05206133	0.12640656	-.00083019
LWPS	-.09531150	.00856007	-.00682108	-.03066308	0.17179987	-.10900233	-.06693009	0.10800655	0.13388470	0.03979765
FUNS	0.08596883	-.07395907	0.01974100	-.00781250	0.03991071	-.05573011	0.11763521	-.04666368	0.11349686	0.01278825
XBOX	0.08586010	0.06378026	-.01758629	-.04567896	0.04609215	0.08606930	0.12595276	0.02997202	0.17879078	-.06819548
XBSV	0.01723625	-.12582180	0.00703592	-.05900481	-.02873412	0.04931858	-.03926551	0.01592107	-.08356955	0.02602694
XLLN	0.09438409	0.04178806	-.00485564	-.03445988	0.00033731	-.00199275	-.13548628	0.04139936	0.00727703	-.04881824
XLLN	-.09986408	-.04280995	-.10605706	-.03073985	0.04986611	-.02884800	-.02187216	0.08319146	-.00969162	-.08909721
XR	0.10066500	-.09803506	0.05960188	0.04881 37	-.06197713	-.09847089	0.05152349	0.13819962	0.06769992	-.06815791
XL	0.07296503	0.09804721	-.00885942	0.03107478	0.11199367	-.17377733	0.03427351	0.20813179	0.12696203	0.07372255
XL	-.04260548	0.11062716	0.03953698	0.06740821	0.10698827	-.13967848	-.06047933	0.18373548	0.05156102	0.07068491
XL	-.07284776	0.00351705	-.20560951	-.05622310	-.13793306	-.16796076	0.06571401	0.14603620	0.14301775	0.01713199
XLBV	-.07030957	0.10991194	0.03953353	0.06623244	0.05419698	-.13613238	-.09681192	0.13995549	0.03072678	0.08515350
XLBL	0.05233806	0.15685594	0.03145682	0.06801845	0.01527043	-.08249283	0.00809571	0.19868643	0.01923509	0.01150949
XLLP	0.07391577	0.08965818	-.10823147	-.00128136	0.02951396	-.12209960	0.04600911	0.11980652	0.17784411	-.09506593
XDR	-.10999378	0.09513388	0.01772729	0.02857788	0.16190815	-.06986714	-.06868138	0.14827265	0.13089965	0.07046612
XLLN	0.06888635	0.50914579	0.21712006	0.28203810	0.01115280	0.07810966	-.02156637	0.20995788	-.10548900	0.00776726
XLWD	-.01861557	-.49636478	-.22716124	-.03562801	-.15996066	0.03910198	0.00186172	-.09466567	-.13948192	-.05689709
XLTWD	-.06618726	-.03237051	-.42943683	-.21032555	0.05960856	-.12716659	-.00162447	0.17830678	0.11165574	-.10605051
XLPFA	0.08713800	0.08916195	0.05815221	0.13601189	0.01793562	-.00689051	-.03097792	0.01950313	-.11509863	0.49851584
XLW	-.17003261	0.13763169	0.02039223	0.18520902	0.25512645	-.01908584	-.28341010	0.16992330	-.03412842	0.18788694
XLL	0.08615962	0.10993057	0.14372497	0.11755603	0.17960918	-.06666678	0.02736145	0.23170711	0.17652012	0.16860837
XLLN	0.05295435	0.81395790	0.29965944	0.30003948	0.06887325	0.05393770	-.04678118	0.12677163	-.47621465	0.12595214
XLLN	0.07766029	0.32590757	0.22137435	0.27297796	0.01859435	-.05522263	0.00118045	0.23019612	0.10982897	0.00788818
XLLOL	0.16230453	0.00529024	0.00832315	-.06245161	-.75222645	-.10089998	0.17650989	0.00993922	0.07058906	-.16636822
XLWKLN	-.20705948	0.10713501	0.01859435	0.07973897	0.03359951	-.16110106	0.06018311	0.15584783	0.05584784	0.09538494
XLLL	-.01357881	-.09870987	-.00179387	0.06346872	-.08669360	-.17851307	0.07206672	0.13501162	0.21200220	-.23960075
XLWD	-.04524517	-.29564038	-.43110597	-.60446650	-.19698218	-.17762842	0.06831521	0.08156628	0.22288611	-.23899721
XLBS	0.10813400	0.02732540	0.09944338	0.13630699	0.06559183	0.06712066	-.10634186	-.01419174	0.01157743	0.03335455
XAGB	0.19002905	0.03338903	0.09180490	0.05291088	-.06162166	-.00141467	0.12962576	-.00365710	0.01128598	-.03839790
XLLL	-.00875137	0.00753642	-.00655482	-.01563781	0.10598857	-.09836302	-.04296458	0.09815563	0.09209645	0.04661945
XBOFHD	0.08218392	-.11908757	-.03809169	-.04697955	-.10381024	0.07631315	0.12767005	-.29876728	0.01595589	-.07564884
XLWR	-.13968207	0.04118006	0.04205158	0.04553045	-.19053487	0.02477780	-.11036087	0.18721716	0.01556743	0.10724504
XLWR	0.11075942	-.01403098	0.02354075	0.00913822	0.05619125	0.01407681	0.13256536	0.07899475	0.00026232	0.09154510
XWLWR	0.24260769	0.07395906	0.09831254	0.09843471	-.13016680	0.1905375	0.46862907	0.02209569	0.00309104	0.01748388
XLLWR	0.07395906	0.74586381	0.36867743	0.38907173	0.08913071	-.01704990	-.01173460	0.22750070	-.02181694	0.01636662
XLWR	0.09831254	0.36867743	0.95869403	0.57526860	0.17405902	0.11190678	-.09743948	0.08792275	-.29011057	0.50005859
XRLWR	0.09843471	0.38907173	0.57526860	0.68486102	0.23137699	0.06700082	-.09530853	0.17688946	-.19162321	0.32523988
XLLBR	-.13016680	0.08913071	0.19060402	0.23137699	0.85980597	0.07141658	-.17283009	0.13059883	-.08131326	0.30873666
XLPLR	0.03053375	-.01704990	0.11190878	0.06700082	0.07141658	0.37141725	0.06846863	-.05908735	-.15006610	0.11039700
XRLWR	0.16562407	0.11190678	0.08792275	0.17688946	-.17283009	0.06846863	0.60805533	0.02147754	0.04566413	0.22296843
XNFHR	0.02820459	0.22750070	0.08792275	0.11688946	0.13059883	-.02141754	0.46589351	0.02180224	0.10399436	0.09091829
XFMLR	0.00309104	-.02181694	0.26011057	0.19162321	-.08131326	-.15006610	0.08021259	0.02180224	0.22296843	0.09091829
LCPFCLR	0.01748388	0.01636662	0.50005859	0.32523988	0.30873666	0.11039700	-.08458860	0.10399436	.22296843	0.90091829



CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

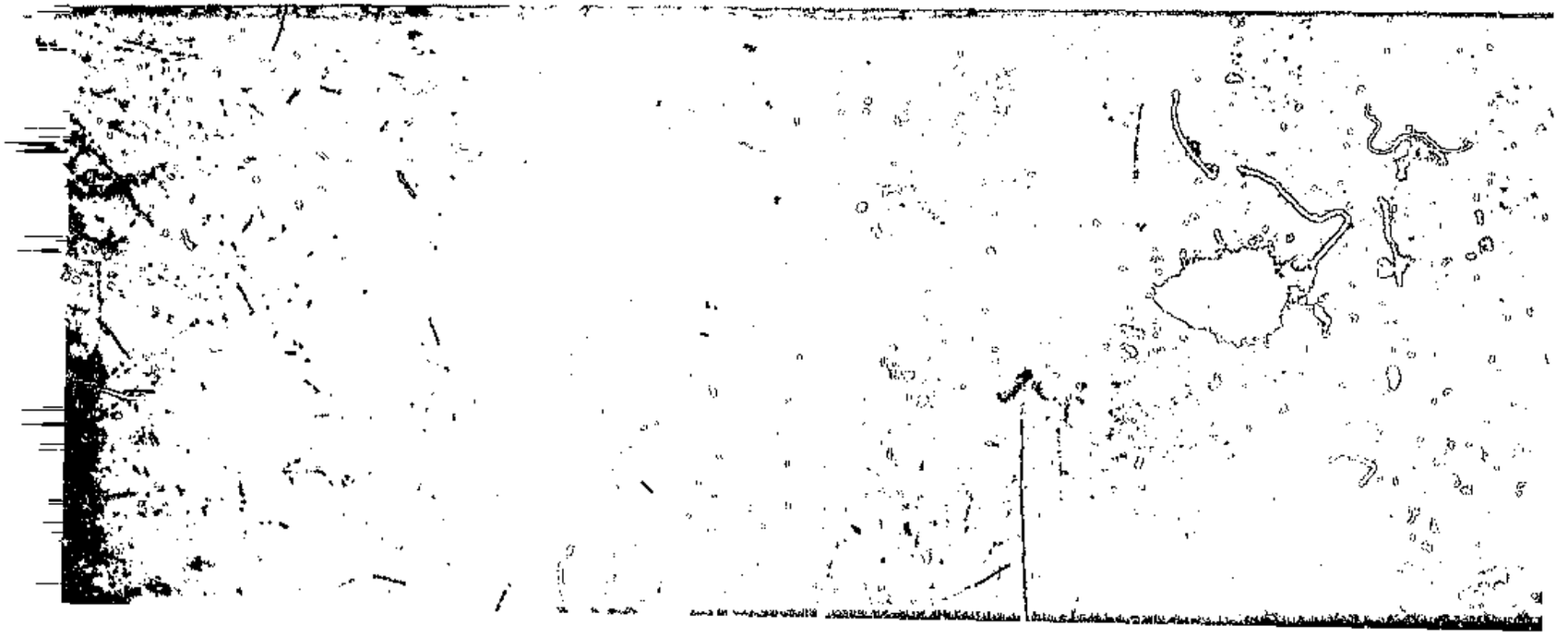
VARIABLE	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACHLEN	1.0000	0.6230	0.1200	0.2163	0.0972	-0.0896	-0.1040	-0.1375	-0.0927	-0.0021
INTNDLN	0.6230	1.0000	0.0446	0.1138	0.0714	-0.0645	-0.1286	0.0170	-0.0467	-0.1270
LNWDRL	0.1200	0.0446	1.0000	0.4955	-0.3711	-0.4708	0.0372	-0.4997	0.0292	-0.2916
MXLNL	0.2163	0.1138	0.4955	1.0000	0.6041	-0.2697	0.0302	-0.1573	0.1229	0.0425
MXWDL	0.0972	0.0714	-0.3711	0.6041	1.0000	0.1147	0.0022	0.2805	0.0809	0.3313
APXAN	-0.0896	-0.0645	-0.4708	-0.2697	0.1147	1.0000	-0.4038	0.0609	-0.1407	0.2315
APXPS	-0.1040	-0.1286	0.0372	0.0302	0.0022	-0.4038	1.0000	0.1533	0.1841	-0.0805
BSAN	-0.1375	0.0170	-0.4997	-0.1573	0.2805	0.0609	0.1533	1.0000	0.5628	0.0636
BSPS	-0.0927	-0.0467	0.0292	0.1229	0.0809	-0.1407	0.1841	0.5628	1.0000	-0.0515
SVINS	-0.0021	-0.1270	-0.2916	0.0425	0.3313	0.2315	-0.0805	0.0636	-0.0515	1.0000
NSECV	0.0881	-0.0273	0.2265	0.5717	0.3832	-0.1500	-0.0467	0.0391	0.2272	0.2338
PINSV	-0.0131	0.0068	0.1382	0.3075	0.1637	-0.0773	0.0280	-0.0302	0.0515	-0.0536
PTLLN	0.0973	0.2247	0.2943	0.3653	0.1194	-0.2447	0.0575	-0.0469	0.1811	-0.0934
INTLN	0.2196	0.0997	-0.0452	0.2038	0.2586	0.0665	-0.1078	0.0098	0.0208	0.0350
NBR	-0.0963	0.1600	-0.2922	-0.4094	-0.1594	0.1882	0.0544	0.2037	0.1549	-0.0818
IBRL	-0.0459	0.1076	-0.2069	-0.3616	-0.1937	0.0531	0.1426	0.3467	0.3274	-0.1180
OBRL	-0.0360	0.1800	-0.1704	-0.2934	-0.1481	0.0793	0.1301	0.2725	0.2668	-0.1604
IBRW	-0.0065	0.1390	-0.2561	-0.2311	0.0015	0.0534	0.1564	0.2290	0.0901	-0.1107
OBRW	0.0045	0.2514	-0.1286	-0.1816	-0.0655	0.0557	0.1063	0.2197	0.2021	-0.2073
PMXL	-0.0004	0.1518	-0.2697	-0.3778	-0.0789	0.2223	-0.0083	0.1486	0.1110	-0.0882
LBRP	0.0374	0.1778	-0.1310	-0.1850	-0.0719	0.0393	-0.0147	0.1974	0.2139	-0.0785
NFLOR	-0.0176	0.1575	-0.1316	-0.3477	-0.2429	0.1142	0.0996	0.2321	0.3041	-0.1659
CORLLN	-0.1651	0.0373	-0.1589	-0.2214	-0.0560	0.0736	0.0560	0.0194	0.0612	-0.1062
CORLWD	0.0044	0.1511	-0.1211	-0.0445	0.1184	0.0057	0.0370	0.0758	0.0350	0.0814
CORTWD	-0.1630	0.0259	-0.2274	-0.2904	-0.0911	0.0305	0.1021	0.2359	0.1289	-0.0944
LCTPFA	-0.0522	0.1039	-0.1781	-0.2606	-0.1066	0.0815	0.1109	0.1251	0.1577	-0.1074
INFW	0.0251	0.1367	-0.1288	-0.2710	-0.1673	0.1271	0.1193	0.1602	0.1936	-0.2223
INFL	-0.0062	0.1377	-0.2350	-0.3296	-0.1420	0.1042	0.0562	0.2364	0.2447	-0.1134
FMXLN	-0.1156	0.1254	-0.2061	-0.2706	-0.0812	0.1178	0.0260	0.1232	0.0842	-0.1632
AMXLN	-0.0400	0.0348	-0.2089	-0.2083	-0.0224	0.1036	0.0934	0.2087	0.2524	0.0201
STMXLOL	0.0240	0.2416	-0.1808	-0.0687	0.1173	0.0237	0.0529	0.0717	-0.0380	0.0288
VACMXLN	0.0035	-0.1095	0.1032	-0.0746	-0.1570	0.0134	0.0261	0.0862	0.0359	-0.0140
CRMXWD	-0.0671	0.1046	-0.1922	-0.2123	-0.0471	-0.0311	0.1757	0.2820	0.1904	-0.1209
CRMNWD	-0.0841	0.0154	-0.1104	-0.0198	0.0802	-0.0481	0.1409	0.1701	0.1669	-0.0102
VANGS	0.1534	0.1454	-0.2438	0.1100	0.3424	0.2254	-0.1382	0.1643	0.0580	0.4435
VANGB	-0.2379	-0.0753	-0.3137	-0.0237	0.2668	0.0192	0.0089	0.3183	0.2896	0.1246
SHINL	0.0320	0.0370	0.8184	0.3709	-0.3696	-0.3234	-0.0879	-0.2575	0.2630	-0.2683
NWNOFHD	0.3942	0.0434	0.2212	0.3980	0.2037	-0.1930	-0.1159	-0.2729	-0.2088	0.1618
IBLWR	-0.0682	0.0424	-0.0989	-0.3191	-0.2575	0.0660	0.0430	0.2683	0.3425	-0.0721
OBLWR	-0.0940	-0.1323	-0.1427	-0.2617	-0.1675	0.0935	0.0200	0.1027	0.1223	0.1774
INVLWR	-0.1333	-0.1674	0.0181	0.1066	0.0923	0.0219	-0.2026	-0.1259	-0.0846	0.1283
CRLLWR	-0.1559	-0.0458	-0.0736	-0.1887	-0.1306	0.0716	0.0183	-0.0471	0.0280	-0.1487
CORLWR	-0.0186	-0.0067	-0.0362	-0.0943	-0.0578	0.1227	0.0135	-0.0950	0.0258	-0.0212
CORLWR	-0.0710	0.0552	-0.1051	-0.2584	-0.1691	0.1142	0.0183	0.0126	0.0449	-0.1024
STLLBR	0.0189	-0.0999	-0.0108	-0.1465	-0.1657	0.0631	0.0337	0.1118	0.2051	-0.0749
TFLPLR	0.0513	-0.1518	0.1963	0.3461	0.1958	-0.0802	-0.1540	-0.2555	-0.2077	0.0774
INFLWR	-0.0743	-0.1806	-0.0220	0.1033	0.1273	-0.0997	-0.1688	-0.1050	-0.1214	0.1522
LRNFWR	-0.1209	0.1097	-0.1562	-0.3153	-0.1784	0.1380	0.0564	0.2234	0.2041	-0.1684
ALFMLR	0.1719	-0.0619	0.1239	0.2604	0.1373	-0.0853	0.0212	0.0096	0.0717	0.1898
LCPFCLR	0.0043	0.0733	-0.0727	-0.1317	-0.0738	0.0655	0.0589	0.0375	0.0710	-0.0236

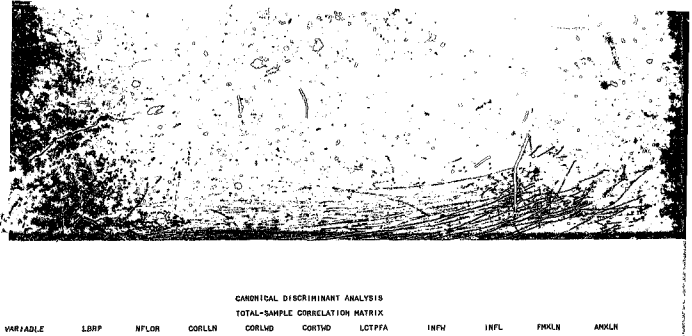


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMXL
RACMLEN	0.0881	-0.0131	0.0973	0.2196	-0.0463	-0.0459	-0.0360	-0.0065	0.0045	-0.0004
INTNDLN	-0.0273	0.0068	0.2247	0.0997	0.1600	0.1076	0.1800	0.1390	0.2514	0.1518
LNWDRL	0.2265	0.1382	0.2943	-0.0452	-0.2922	-0.2069	-0.1704	-0.2561	-0.1286	-0.2697
MXLNL	0.5717	0.3075	0.3653	0.2038	-0.4094	-0.3616	-0.2934	-0.2311	-0.1818	-0.3118
MXWDL	0.3832	0.1837	0.1194	0.2586	-0.1594	-0.1937	-0.1481	0.0015	-0.0655	-0.0789
APXAN	-0.1500	-0.0773	-0.2447	0.0665	0.1882	0.0531	0.0795	0.0534	0.0557	0.2223
APXPS	-0.0467	0.0280	0.0575	-0.1678	0.0544	0.1426	0.1701	0.1564	0.1063	-0.0088
BSAN	0.0391	-0.0302	-0.0469	0.0098	0.2037	0.3467	0.2725	0.2290	0.2197	0.1486
BSPS	0.2272	0.0515	0.1811	0.0208	0.1549	0.3274	0.2688	0.0901	0.2021	0.1110
SVINS	0.2336	-0.0536	-0.0934	0.0350	-0.0818	-0.1180	-0.1604	-0.1107	-0.2073	-0.0882
NSECV	1.0000	0.0336	0.3123	-0.0018	-0.1390	-0.1025	-0.1502	-0.1120	-0.1246	-0.1016
PINSV	0.0336	1.0000	-0.0529	0.1230	-0.3366	-0.3238	-0.3283	-0.1398	-0.2699	-0.3167
PTLLN	0.3123	-0.0529	1.0000	-0.0985	0.2130	0.2052	0.2125	0.0249	0.2400	0.1893
INTLN	-0.0018	0.1230	-0.0985	1.0000	0.0191	0.0564	0.0626	0.1651	0.0818	0.0570
NBR	-0.1390	-0.3366	0.2130	0.0191	1.0000	0.8462	0.8063	0.5740	0.7375	0.8572
IBRL	-0.1025	-0.3238	0.2052	0.0564	0.8462	1.0000	0.8844	0.6448	0.7831	0.7619
OBRL	-0.1502	-0.3283	0.2125	0.0626	0.8063	0.8844	1.0000	0.5804	0.8847	0.8028
IBRW	-0.1120	-0.1398	0.0249	0.1651	0.5740	0.6448	0.5804	1.0000	0.6281	0.5604
OBRW	-0.1246	-0.2699	0.2400	0.0818	0.7375	0.7831	0.8847	0.6281	1.0000	0.7210
PMXL	-0.1016	-0.3167	0.1893	0.0570	0.8572	0.7619	0.8028	0.5604	0.7210	1.0000
LBRP	0.0025	-0.2952	0.2493	0.0914	0.6758	0.7241	0.6651	0.5304	0.6035	0.7187
NFI[illegible]	-0.1818	-0.2921	0.2206	0.0106	0.8136	0.8220	0.8397	0.5298	0.7438	0.7677
CORE[illegible]	-0.0033	-0.2631	0.1961	-0.0599	0.6035	0.5382	0.5719	0.3546	0.5474	0.6610
CO[illegible]	0.0071	0.0824	0.1640	0.1373	0.2628	0.1760	0.1732	0.2601	0.2270	0.2147
CO[illegible]	-0.0664	-0.1887	0.1929	0.1310	0.5872	0.6691	0.6416	0.6038	0.5687	0.6073
[illegible]	-0.1003	-0.2524	0.1564	-0.0014	0.7351	0.7587	0.7397	0.4704	0.6711	0.7077
IN[illegible]	-0.2179	-0.2787	0.1573	0.0935	0.6947	0.7271	0.7854	0.4783	0.7386	0.7439
INFL	-0.0933	-0.3052	0.1917	0.0772	0.8382	0.8986	0.8436	0.6242	0.7562	0.8301
FMXLN	-0.1588	-0.2399	0.1594	0.0398	0.6444	0.6006	0.6385	0.3675	0.5989	0.6426
AMXLN	0.0351	-0.3323	0.1799	0.1156	0.6908	0.7460	0.7010	0.5020	0.6152	0.7159
STMXLOL	-0.0334	0.0169	0.0821	0.0511	0.4248	0.2576	0.2201	0.4075	0.2637	0.3405
VACMXLN	-0.0308	-0.0642	-0.1174	0.2220	0.0412	0.3049	0.2328	0.2448	0.1605	0.0752
CRMXWD	-0.0075	-0.2153	0.2807	0.1357	0.5768	0.6673	0.6082	0.6486	0.5574	0.6058
CRMNWD	0.1316	0.0242	0.1591	0.1485	0.2410	0.3516	0.2525	0.3894	0.2284	0.2440
VANGS	0.2815	0.0900	-0.1174	0.0945	-0.0149	-0.0506	-0.0803	-0.0472	-0.0729	0.0114
VANGB	0.1500	-0.0200	0.1227	-0.0631	0.3210	0.2901	0.3011	0.1723	0.2563	0.2940
SHINL	0.2376	0.0935	0.2932	-0.0956	-0.2186	-0.0814	-0.0927	-0.2261	-0.0854	-0.2326
NWNOFHD	0.2411	0.2636	-0.1336	0.0330	-0.7585	-0.7959	-0.8213	-0.5384	-0.7408	-0.7504
IBLWR	-0.0801	-0.3179	0.2447	-0.0392	0.7056	0.8238	0.7438	0.1158	0.5835	0.6150
OBLWR	-0.0894	-0.1278	-0.0302	-0.0267	0.2200	0.2511	0.2828	-0.0956	-0.1746	0.2127
INVLWR	0.1983	0.1123	-0.0449	-0.1266	-0.1123	-0.1838	-0.3226	-0.2782	-0.3578	-0.1677
CRLLWR	-0.0130	-0.2943	0.0898	-0.1287	0.4359	0.4168	0.4486	0.1988	0.4002	0.5127
CORLWR	-0.0807	-0.0838	-0.0782	-0.1117	0.2658	0.2008	0.2465	-0.0676	0.2347	0.2293
CORLMWR	-0.1865	-0.2704	0.0604	-0.0604	0.5539	0.4967	0.5485	0.2389	0.5119	0.5405
STLLBR	-0.0384	-0.1727	0.0643	0.0750	0.1409	0.3292	0.3397	0.0265	0.2837	0.2147
TFLPLR	0.2411	0.3398	-0.1526	0.0022	-0.7592	-0.8173	-0.8028	-0.5911	-0.7583	-0.7109
INFLWR	0.2687	0.1004	-0.0552	-0.0915	-0.2593	-0.3217	-0.4451	-0.2699	-0.4838	-0.3096
LRNFHR	-0.1520	-0.2583	0.1904	-0.0191	0.7584	0.8039	0.7999	0.5278	0.7093	0.7815
ALFNLR	0.2764	0.0932	-0.0342	0.0368	-0.3352	-0.2466	-0.3290	-0.0917	-0.3142	-0.2941
LCPFCLR	-0.1486	-0.0541	-0.0483	-0.0521	0.2621	0.2737	0.2869	0.0843	0.2421	0.1909

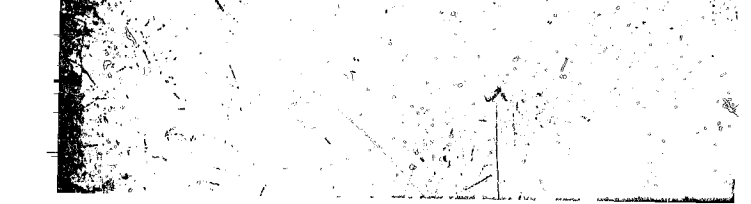


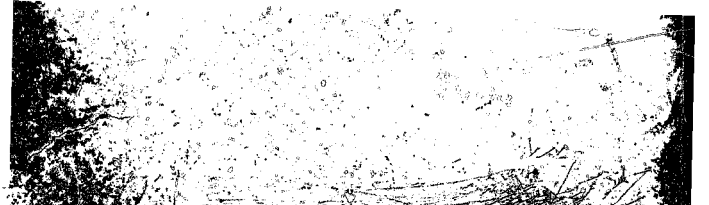


CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORLWD	CONTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RACNLEN	0.0376	-0.0176	-0.1651	0.0094	-0.1630	-0.0522	0.0251	-0.0062	-0.1156	-0.0400
INTNDLN	0.1778	0.1575	0.0231	0.1531	0.0259	0.1039	0.1387	0.1371	0.1254	0.0318
LNVORL	-0.1353	-0.1316	-0.1509	-0.1211	-0.2274	-0.1761	-0.1268	-0.2150	-0.2061	-0.2089
MXLNRL	-0.1050	-0.3477	-0.2214	-0.0445	-0.2904	-0.2606	-0.2710	-0.3292	-0.2706	-0.2083
MXWDL	-0.0719	-0.2429	-0.2560	0.1786	0.1911	-0.1066	0.1673	-0.1420	-0.0812	-0.0624
APXAN	0.0393	0.1148	0.0736	0.0057	0.0305	0.0815	0.1271	0.1042	0.1178	-0.1036
APXPS	-0.0197	0.0996	0.0560	0.0370	0.1021	0.1109	0.1139	0.0562	0.0860	0.0934
BSAN	0.1974	0.2521	0.0194	0.0756	0.2359	0.1251	0.1602	0.2364	0.1212	0.2067
BSPS	0.2139	0.3041	0.0612	0.0350	0.1889	0.1577	0.1934	0.2947	0.0492	0.2529
SVINS	-0.0785	-0.1659	-0.1062	0.0814	-0.0944	-0.1074	-0.2223	-0.1134	-0.1532	-0.0281
NSRSV	0.0085	-0.1818	-0.0033	0.0071	-0.0665	-0.1003	-0.2179	-0.0933	-0.1568	0.0351
PINSV	-0.2952	-0.2921	-0.2631	0.0826	-0.1887	-0.2526	-0.2787	-0.3052	-0.2399	-0.1333
PTLLN	0.0493	0.2206	0.1961	0.1890	0.1929	0.1564	0.1917	0.1573	0.1594	0.1709
INTLN	0.0914	0.0106	-0.0599	0.1383	0.1310	-0.0014	0.0935	0.0772	0.0898	0.1156
NBR	0.6758	0.8136	0.6835	0.2828	0.5672	0.7331	0.6967	0.8382	0.6846	0.6908
LBRL	0.7261	0.6220	0.5782	0.1760	0.6691	0.7587	0.7271	0.6986	0.6006	0.7460
OBRL	0.6607	0.8397	0.5719	0.1722	0.6416	0.7197	0.6956	0.8156	0.5955	0.7010
IBRW	0.5804	0.5298	0.3546	0.2601	0.6038	0.4704	0.4782	0.6252	0.3675	0.5020
OBRW	0.6035	0.7438	0.5674	0.2270	0.5687	0.6711	0.7380	0.7562	0.5989	0.6152
PRXL	0.7187	0.7677	0.6610	0.2147	0.6073	0.7077	0.7159	0.8301	0.6426	0.7139
LBRP	1.0000	0.6599	0.5209	0.2186	0.6033	0.5656	0.6321	0.7152	0.5133	0.6604
NFLOR	0.6599	1.0000	0.4677	0.1257	0.5469	0.6578	0.8132	0.8803	0.5239	0.6547
CORLLN	0.5209	0.4677	1.0000	0.1745	0.4782	0.6760	0.5356	0.6223	0.7283	0.7281
CORLWD	0.2186	0.1257	0.1745	1.0000	0.3800	0.1808	0.1718	0.1951	0.2518	0.1105
CORTWD	0.6033	0.5469	0.4782	0.3800	1.0000	0.4405	0.5876	0.5996	0.4481	0.5329
LCTPFA	0.5656	0.6578	0.6760	0.1808	0.4405	1.0000	0.7682	0.6530	0.7350	0.7504
INFW	0.6321	0.8132	0.5356	0.1718	0.5876	0.7682	1.0000	0.8265	0.6692	0.7234
INFL	0.7152	0.8803	0.6223	0.1951	0.5996	0.6530	0.8265	1.0000	0.6768	0.8297
FMXLN	0.5133	0.5339	0.7283	0.2512	0.4481	0.7350	0.6692	0.6768	1.0000	0.6451
AMXLN	0.6604	0.6527	0.7281	0.1105	0.5329	0.7504	0.7234	0.8297	0.6451	1.0000
STMXLDL	0.2815	0.1374	0.3668	0.2840	0.1356	0.2181	0.0701	0.2734	0.2680	0.2880
WADNLN	0.1151	0.0169	-0.0120	0.2806	0.2203	0.1873	0.1050	0.2598	0.0991	0.2485
CRMWDD	0.6305	0.5123	0.4339	0.3585	0.8646	0.3463	0.3967	0.5837	0.3659	0.5090
CRMWND	0.2608	0.1656	0.1395	0.9485	0.3980	0.2555	0.0878	0.2345	0.0059	0.1837
VANGS	-0.0510	0.1015	0.0091	0.0619	-0.1107	-0.0006	-0.0976	-0.0139	-0.0353	-0.0356
VANGB	0.2118	0.2293	0.1348	0.1872	0.2257	0.2877	0.1829	0.2923	0.1128	0.3073
SBTLN	-0.0913	-0.0215	-0.2129	-0.1398	-0.1907	-0.1565	-0.0978	-0.1348	-0.2024	-0.1658
NWRDFWD	-0.6213	-0.7888	-0.5720	-0.1658	-0.6440	-0.7010	-0.7906	-0.7748	-0.6483	-0.6813
LBLWR	0.5497	0.7095	0.4470	0.0838	0.5409	0.6439	0.7211	0.7171	0.5283	0.5927
OBLWR	0.1512	0.2367	0.1208	-0.0610	0.1706	0.1829	0.1117	0.2251	0.1600	0.2164
INVLWR	-0.1414	-0.3918	0.0361	-0.0696	0.1991	0.1319	-0.1696	-0.1667	-0.1200	-0.0881
SRLLWR	0.3764	0.3734	0.8501	-0.3579	-0.8599	0.5926	0.3996	0.4755	0.5428	0.6140
CORLWR	0.0680	0.2212	0.4004	-0.1591	-0.2757	0.6190	0.4150	0.3482	0.4605	0.3730
CORLMWR	0.3962	0.4986	0.6042	-0.1149	0.7263	0.7799	0.6302	0.6397	0.6988	0.6339
BTLLBR	0.2079	0.3919	0.0946	-0.1022	0.1933	0.4010	0.5003	0.3868	0.2334	0.3304
TFLPLR	-0.6722	-0.7392	-0.4333	-0.1592	-0.5926	-0.5610	-0.6505	-0.6927	-0.5002	-0.5663
INFLBR	-0.2540	-0.4510	-0.2161	-0.0779	-0.2938	-0.3332	-0.3095	-0.3218	-0.2993	-0.2375
LRNFHR	0.6300	0.7618	0.6326	0.1842	0.6178	0.7295	0.7367	0.7158	0.6454	0.7053
ALPHLC	-0.1007	-0.2481	-0.1408	0.2551	-0.1779	-0.4337	-0.3097	-0.2857	-0.0852	-0.1207
LBPFCLR	0.0750	0.2863	0.0656	-0.0091	-0.0259	0.6811	0.4236	0.3823	0.2695	0.1838





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VARIABLE	STMKLOL	VACHKLN	CRHOMO	CRHOWO	VANGS	VANGB	SHINL	NWHOFHD	IBLWR	OBLWR
RACHLEN	0.0290	0.0035	-0.0671	-0.0091	0.1534	-0.2379	0.0320	0.3962	-0.0682	-0.0990
IWINDLN	0.2416	-0.1095	0.1046	0.0158	0.1554	-0.1753	0.0370	0.0435	0.0604	-0.1323
LNWDRL	-0.1808	0.1032	-0.1922	-0.1104	-0.2438	-0.3137	0.0189	0.2212	-0.0989	-0.1427
RKLNL	-0.0687	-0.0796	-0.2183	-0.0198	0.1100	-0.0237	0.1709	0.3980	-0.3191	-0.2617
NWXDL	0.1173	-0.1570	-0.0471	0.0802	0.3424	0.2668	-0.3696	0.2037	-0.2575	-0.1675
APXWK	0.0237	0.0134	-0.0311	-0.0681	0.2294	0.0190	-0.3234	-0.1938	0.0660	0.0945
APXPS	0.0529	0.0261	0.1157	0.1409	-0.1382	0.0089	-0.0879	-0.1159	0.0430	0.0200
BSAR	0.0717	0.0842	0.0850	0.1781	0.1843	0.3183	-0.2975	-0.2789	0.3683	0.1027
BSPS	-0.0380	0.0359	0.1904	0.1669	0.0580	0.2896	0.2630	-0.2088	0.3425	0.1283
SVIRS	-0.0288	-0.0749	-0.1209	-0.0102	0.0435	0.1246	-0.2683	0.1618	-0.0723	0.1774
NXECV	-0.0334	0.0308	-0.0077	0.1318	0.2835	0.1500	-0.2376	0.2911	-0.0801	-0.0894
PINSV	0.0159	-0.0648	-0.2153	0.0242	0.0900	-0.0200	0.0935	0.2636	-0.3179	-0.1278
PTLLN	0.0821	-0.1374	0.0807	0.1591	-0.1174	0.1227	0.2932	-0.1336	0.2447	0.3002
IRTLN	0.0511	0.2220	0.1357	0.1485	-0.0945	-0.0631	-0.0956	0.0330	-0.0392	-0.0267
NNR	0.4949	0.0412	0.5768	0.3810	-0.2441	-0.2166	-0.1787	-0.2985	0.7054	0.8200
IBRL	0.2576	0.1049	0.6673	0.3516	-0.0506	0.2901	-0.0814	-0.7969	0.8238	0.2511
OBRL	0.2051	0.2128	0.6082	0.2525	0.0803	0.3011	-0.0927	-0.8813	0.7938	0.2808
IBRW	0.4075	0.2648	0.6486	0.3894	-0.0472	0.1723	-0.2261	-0.5384	0.1158	-0.0956
OBRW	0.2637	0.1605	0.5576	0.2884	-0.0729	0.2563	-0.0856	-0.7408	0.5239	0.1746
PMXL	0.3405	0.0752	0.6058	0.2980	0.0114	0.2960	-0.2326	-0.7504	0.6750	0.2127
LBRT	0.2815	0.1151	0.6305	0.2608	-0.0539	0.2118	-0.0927	-0.6313	0.5497	0.1518
NFLDR	0.1374	0.2169	0.3123	0.1856	-0.1055	0.2293	-0.0215	-0.7888	0.7006	0.2367
CORLLN	0.3668	-0.0120	0.4339	0.1395	-0.0091	0.1348	-0.2129	-0.5720	0.4979	0.1208
CORLWD	0.2840	-0.2026	0.3685	0.1520	0.0615	0.1072	-0.1398	-0.1658	0.0639	-0.0410
CORTWD	0.1356	0.0393	0.4668	0.3585	-0.1107	0.2267	-0.1907	-0.6940	0.6409	0.1766
LCTPTA	0.2181	0.1873	0.5463	0.0395	-0.0006	0.2877	-0.1561	-0.7010	0.6439	0.1829
INFW	0.0761	0.3050	0.3967	0.0875	-0.0976	0.1829	-0.0978	-0.7956	0.6208	0.1117
INFL	0.2734	0.2598	0.5837	0.2345	0.1139	0.2263	-0.1794	-0.7744	0.7116	0.2251
FMXLN	0.2680	0.0591	0.3659	0.0059	-0.0353	0.1129	-0.2024	-0.6483	0.5282	0.1650
AMXLN	0.2884	0.2485	0.5090	0.1837	0.0339	0.3073	-0.1658	-0.6413	0.5927	0.2164
STMKLOL	1.0000	-0.2341	0.3106	0.2088	0.0751	0.2014	-0.2059	-0.1649	0.0569	0.0061
VACHKLN	-0.2341	1.0000	0.1292	0.0321	-0.1452	-0.2063	0.0941	-0.0683	0.0259	-0.0966
CRHOWO	0.3106	0.1292	1.0000	0.5911	-0.1151	0.1830	-0.1377	-0.5568	0.3947	0.1328
CRHWWO	0.2088	0.0321	0.5911	1.0000	-0.0352	0.1096	-0.0809	-0.3091	0.1779	0.0694
VANGS	0.0751	-0.0652	-0.1151	-0.0352	1.0000	0.2850	-0.2230	0.1173	-0.0401	-0.0083
VANGB	0.2014	-0.2063	0.1830	0.1096	0.2850	1.0000	-0.1716	-0.3038	0.2811	0.1072
SHINL	-0.2059	0.0941	-0.1377	-0.0809	-0.2230	-0.1716	1.0000	0.1160	-0.0461	-0.0754
NWHOFHD	-0.1649	-0.0683	-0.5568	-0.3091	0.1173	-0.3038	0.1160	1.0000	-0.6753	-0.8021
IBLWR	0.0569	0.0259	0.3947	0.1779	-0.0401	0.2811	0.0461	-0.6753	1.0000	0.5671
OBLWR	0.0061	-0.0966	0.1328	0.0694	-0.0083	0.1072	-0.0754	-0.8021	0.5671	1.0000
IRVLWR	0.1458	-0.3586	-0.1589	-0.0482	0.0676	0.0946	-0.0166	0.3684	-0.0721	0.1317
CRLLWR	0.1981	0.0844	0.2902	-0.0880	-0.0468	0.2128	-0.1752	-0.4508	0.3940	0.1268
CORLWR	0.1654	0.0484	-0.4527	-0.3810	0.0819	0.1668	-0.0573	-0.2621	0.2150	0.0693
CORLNWR	0.1185	0.1303	0.0687	-0.0491	-0.0088	0.2355	-0.1442	-0.5256	0.4756	0.1180
STLLNR	-0.7003	0.3687	0.0420	0.1707	-0.1598	-0.0080	0.0811	-0.1363	0.3937	0.0670
TFLFLR	-0.3056	-0.1220	-0.6199	-0.3019	0.1196	-0.2492	0.0807	0.7417	-0.8580	-0.1260
INFLWR	0.1336	0.3376	-0.1497	0.0465	0.0716	0.0509	-0.0585	-0.5136	0.4659	0.1392
LRNFWR	0.2127	0.2256	0.5536	0.3152	-0.0731	0.2354	-0.0713	-0.8693	0.8687	0.2208
ALFWLR	-0.0761	0.0691	-0.0668	0.1289	0.0254	-0.1516	0.1183	-0.2933	0.2837	0.1082
LCPFLR	-0.1368	0.1502	-0.1786	-0.2195	0.0310	0.0086	-0.0468	-0.3927	0.2956	0.0903





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VARIABLE	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LNNFHR	ALFHLR	LCPFCLR
RADMLEN	-0.1333	-0.1559	-0.0186	-0.0710	0.0189	0.0513	-0.0743	-0.1209	0.1719	0.0048
INTNDLN	-0.1674	-0.0458	-0.0067	0.0552	-0.0999	-0.1518	-0.1408	0.1097	-0.0619	0.0723
CNDRL	0.0181	-0.0736	-0.0362	-0.1051	0.0108	0.1963	-0.0200	-0.1545	0.1239	-0.0787
XKL *L	0.1066	-0.1887	-0.0943	-0.2584	-0.1465	0.3461	0.1033	-0.3153	0.2604	-0.1317
MXW L	0.0923	-0.1306	-0.0578	-0.1691	-0.1657	0.1958	0.1273	-0.1784	0.1373	-0.0738
APKVN	0.0218	0.0716	0.1227	0.1142	0.0631	-0.0802	-0.0997	0.1360	-0.0823	0.0695
APKMJ	-0.2086	0.0163	0.0135	0.0183	0.0337	-0.1540	-0.1688	0.0564	0.0212	0.0589
GSAN	-0.1259	-0.0471	-0.0950	0.0126	0.1118	-0.2555	-0.1050	0.2234	0.0096	0.0375
BSPS	-0.0586	0.0260	0.0258	0.0189	0.0259	-0.2077	-0.1614	0.2041	0.0277	0.0719
SVINS	0.1283	-0.1487	-0.0212	-0.1024	-0.0799	0.0754	0.2322	-0.1624	0.1898	-0.0236
NSECV	0.1983	-0.0130	-0.0807	-0.1965	-0.0384	0.2911	0.2687	-0.1520	0.2704	0.1496
PINSV	0.1123	-0.2943	-0.0838	-0.2706	-0.1727	0.3398	0.1004	-0.2583	0.0932	-0.0541
PTLLN	-0.0049	0.0898	-0.0782	0.0000	0.0043	-0.1526	-0.0552	0.1004	-0.0362	0.0521
IBTLN	-0.1266	-0.1287	-0.1117	-0.0604	0.0780	0.0022	-0.0915	-0.0191	0.0368	-0.0521
NBR	-0.1123	0.4359	0.2858	-0.5539	1.0000	0.7582	-0.2903	0.7584	-0.1152	0.2601
IBRL	-0.1838	0.4156	0.2008	0.4967	0.3292	-0.8173	-0.3217	0.8039	-0.2436	0.2737
GBRL	-0.2828	0.4486	0.2985	0.5469	0.3397	-0.8028	-0.4457	0.7999	-0.3290	0.2869
BRW	-0.2782	0.1908	0.0676	0.2186	0.0295	-0.5211	-0.2699	0.5278	-0.0917	0.0853
OBRW	-0.3578	0.4002	0.2367	0.5115	0.2837	-0.7561	-0.4838	0.7093	-0.3142	0.2421
PMXL	-0.1677	0.5127	0.2891	0.5405	0.2147	-0.7109	-0.3696	0.7815	-0.2941	0.1909
LBRZ	-0.1419	0.3764	0.0680	0.3962	0.2075	-0.6728	-0.2540	0.6300	-0.1407	0.0790
WFLOR	-0.3918	0.3734	0.2212	0.4986	0.2919	-0.7892	-0.4539	0.7618	-0.2361	0.2863
CORLLN	0.0341	0.8501	0.4694	0.6049	0.0946	-0.4333	-0.1101	0.6326	-0.4036	0.0696
CORLWD	-0.0696	-0.3579	-0.1591	-0.1192	-0.1022	0.1592	-0.0778	0.1842	-0.2521	0.0091
CORTWD	-0.1991	0.2594	-0.8757	0.1263	0.1935	-0.5926	-0.2038	0.6172	-0.1778	0.0259
LCTPFA	-0.1319	0.3958	0.6190	0.7799	0.4610	-0.5610	-0.3332	0.7092	-0.4337	0.6601
INFW	-0.4942	0.3994	0.5150	0.6302	0.5003	-0.6505	-0.7095	0.7167	-0.3697	0.4236
NIFI	-0.1667	0.4755	0.3458	0.6397	0.3868	-0.6987	-0.3215	0.6968	-0.2867	0.3883
FMXLN	-0.1200	0.5428	0.4605	0.6988	0.2331	-0.5002	-0.2993	0.6454	-0.4022	0.2695
AMXLN	-0.0881	0.6140	0.3720	0.6239	0.1330	-0.5663	-0.2575	0.7053	-0.1207	0.1838
STMKLDL	0.1458	0.1941	0.0659	0.1145	-0.7003	-0.1056	0.1338	0.2127	-0.0744	-0.1368
VACMXLN	-0.3586	0.0884	0.0898	0.1353	0.1681	-0.1992	-0.1376	0.2254	0.0491	0.1508
CRMXWD	-0.1599	0.2502	0.4587	0.0667	0.0420	-0.6199	-0.1197	0.5536	-0.0654	-0.1706
CRMXHD	-0.0682	-0.0860	-0.3870	-0.0697	-0.1707	-0.3019	0.0468	0.0152	0.1239	-0.2195
VANGS	0.0619	0.0486	0.0815	0.0588	0.0584	0.1196	-0.0716	0.0721	-0.0219	0.0310
VANGB	0.0946	0.2182	0.1662	0.2263	-0.0000	-0.2492	0.0509	0.2354	-0.1516	0.0086
SHINL	-0.0166	-0.1152	-0.0573	-0.1482	0.0611	0.0807	0.0405	0.0711	0.1413	-0.0408
NMNGFHD	0.3684	-0.4508	-0.2421	-0.5253	-0.3363	0.7617	0.5136	-0.8693	0.3925	-0.2927
IBLWR	-0.0781	0.3990	0.3150	0.5746	0.3837	-0.6980	-0.4559	0.6687	-0.2437	0.2956
GBLWR	0.1317	0.1868	0.0653	0.1180	-0.0670	-0.1260	0.1392	0.2908	-0.1082	0.0903
INVLWR	1.0000	0.0707	0.0068	-0.0872	0.3048	0.3076	0.7895	-0.2079	0.1043	-0.1605
CRLLWR	0.0707	1.0000	0.4552	0.6175	0.1369	-0.3870	-0.0509	0.5312	-0.8433	0.0452
CORLWR	0.0068	0.4552	1.0000	0.7058	0.2689	-0.6886	-0.2169	0.8643	-0.3547	0.5375
CORLMWR	-0.0872	0.6175	0.7058	1.0000	0.3831	-0.3886	-0.3080	0.5356	-0.4483	0.6633
STLLBR	0.3048	0.1369	0.2689	0.3831	1.0000	-0.1534	-0.3805	0.3195	-0.1231	0.4180
TFLPLR	0.3076	-0.3870	-0.0886	-0.3886	-0.1534	1.0000	0.4448	-0.6505	0.2077	-0.1034
INFLWR	0.7895	-0.0509	0.2169	-0.3080	-0.3805	0.4448	1.0000	-0.3405	0.2319	-0.3010
LNNFHR	-0.2079	0.5312	0.2683	0.5356	0.3195	-0.6505	-0.3405	1.0000	-0.3145	0.2828
ALFHLR	0.1043	-0.8433	-0.3547	-0.4483	-0.1231	0.2077	0.2319	-0.3145	1.0000	-0.3069
LCPFCLR	-0.1605	0.0452	0.5375	0.6633	0.4180	-0.1034	-0.3010	0.2828	-0.3069	1.0000





CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACHLEN	1.0000	0.4212	0.8823	0.7941	0.5661	-0.6606	0.2697	-0.7031	-0.4576	0.5390
INTNDLN	0.4212	1.0000	-0.0552	-0.2167	-0.5092	0.4086	0.9869	0.3984	0.6136	-0.5369
LNWDRL	0.8823	-0.0552	1.0000	0.9867	0.8875	-0.9362	-0.2153	-0.9551	-0.8223	0.8720
MXLNL	0.7941	-0.2167	0.9867	1.0000	0.9505	-0.9809	-0.3711	-0.9906	-0.9038	0.9399
MXWDL	0.5661	-0.5092	0.8875	0.9505	1.0000	-0.9928	-0.6411	-0.9841	-0.9920	0.9995
APXAN	-0.6606	0.4086	-0.9362	-0.9809	-0.9928	1.0000	0.5447	0.9947	0.9982	-0.9884
APXPS	0.2697	0.9869	-0.2153	-0.3711	-0.6411	0.5447	1.0000	0.4946	0.7328	-0.6658
BSAN	-0.7031	0.3984	-0.9551	-0.9906	-0.9841	0.9947	0.4946	1.0000	0.9839	-0.9778
BSPS	-0.4576	0.6136	-0.8223	-0.9038	-0.9920	0.9982	0.7328	0.9839	1.0000	0.9956
SVINS	0.5390	-0.5369	0.8720	0.9399	0.9995	-0.9884	-0.6658	-0.9778	-0.9956	1.0000
NSEGV	0.1009	-0.8048	0.5972	0.6869	0.8172	-0.8132	-0.9308	-0.7782	-0.9308	0.8224
PINSV	0.5505	-0.5253	0.8786	0.9405	0.9998	-0.9904	-0.6355	-0.9808	-0.9912	0.9999
PTLLN	-0.8818	0.0568	-0.6000	-0.7869	-0.8879	0.9166	0.2103	0.8534	0.8226	0.8725
INTLN	0.0860	0.9759	0.7845	0.6733	0.4101	-0.5165	0.9367	-0.5656	-0.2521	0.3805
NDR	-0.5605	0.5098	-0.8811	-0.9803	-1.0000	-0.9927	0.4417	0.9840	0.9921	-0.9905
IBRL	-0.4315	0.6364	-0.8053	-0.8909	-0.9679	0.9623	0.7523	0.9448	0.9996	-0.9684
GBRL	-0.3891	0.6716	-0.7709	-0.8688	-0.9596	0.9486	0.7822	0.9283	0.9971	-0.9587
IBRW	-0.2594	0.7667	-0.6834	-0.7989	-0.9430	0.8969	0.8601	0.8689	0.9774	-0.9533
GBRW	-0.3058	0.7347	-0.7179	-0.8215	-0.9580	0.9168	0.8343	0.8919	0.9865	-0.9668
PMXL	-0.5141	0.5614	-0.8573	-0.9295	-0.9991	0.9835	0.6873	0.9711	0.9979	-0.9996
LBRP	-0.4411	0.6281	-0.8116	-0.8957	-0.9895	0.9691	0.7452	0.9582	0.9998	-0.9937
NFLOR	-0.3576	0.6963	-0.7591	-0.8516	-0.9783	0.9373	0.8028	0.9154	0.9940	-0.9794
CORLLN	-0.8393	0.1395	-0.9604	-0.9969	-0.9233	0.8626	0.2972	0.9765	0.8675	0.9103
CORLWD	-0.6515	0.4137	-0.9319	-0.9788	-0.9982	0.9999	0.5949	0.9975	0.9727	-0.9902
CORTHK	-0.6107	0.4583	-0.9182	-0.9725	-0.9963	0.9981	0.6358	0.9927	0.9831	-0.9939
LCTPTA	-0.4390	0.6300	-0.8102	-0.8947	-0.9892	0.9685	0.7488	0.9476	0.9998	-0.9934
IWFW	-0.1972	0.8061	-0.6554	-0.7524	-0.9198	0.8662	0.8909	0.8356	0.9619	-0.9337
IWFL	-0.4223	0.6410	-0.7994	-0.8854	-0.9863	0.9595	0.7588	0.9415	0.9985	-0.9918
FMXLN	-0.5770	0.4977	-0.8935	-0.9546	-0.9999	0.9943	0.6308	0.9864	0.9902	-0.9989
AMXLW	-0.5520	0.5238	-0.8795	-0.9431	-0.9999	0.9906	0.6561	0.9810	0.9940	-0.9999
STMKLOL	-0.8489	0.1218	-0.9978	-0.9959	-0.9163	0.9576	0.2800	0.9728	0.8584	-0.9027
VACNKLN	0.7533	0.9138	0.3581	0.1965	-0.1157	0.0039	0.8369	0.0681	0.2401	-0.1490
CRMWDD	-0.6177	0.4530	-0.9152	-0.9685	-0.9979	0.9984	0.5907	0.9935	0.9819	-0.9953
CRMNWD	-0.8703	0.0881	-0.9997	-0.9905	-0.6497	0.9467	0.3396	0.9682	0.8368	-0.8839
VANGS	0.9268	0.3471	0.9172	0.8903	0.6304	0.7167	0.1915	0.7581	0.5875	0.6098
VANGP	-0.2573	0.8733	-0.9755	-0.9983	-0.9671	0.9906	0.4939	0.9958	0.9975	-0.9983
SRINL	0.9094	0.0059	0.9081	0.9749	0.8576	-0.9130	-0.1552	-0.9253	-0.7860	0.8404
NUMOFND	0.3775	-0.6811	0.7686	0.8629	0.9778	-0.9448	-0.7802	-0.9234	-0.9641	0.9834
IBLWR	-0.4822	0.9914	-0.8378	-0.9154	-0.9951	0.9762	0.7136	0.9619	0.9996	-0.9978
OBLWR	-0.9480	0.1108	-0.9862	-0.9968	-0.7989	0.8691	0.0507	0.8930	0.7611	0.7789
INVLWR	-0.4624	-0.9989	0.0093	0.1717	0.4691	-0.3601	-0.9785	-0.3050	-0.5767	0.4976
CRLLWR	-0.8839	0.0518	-1.0000	-0.9962	-0.8959	0.9150	0.2180	0.9541	0.8083	-0.8703
CORLWR	-0.3239	0.7216	-0.7310	-0.6322	-0.9633	0.9262	0.8237	0.9001	0.9894	-0.9715
CORLMHR	-0.4177	0.6486	-0.7958	-0.8836	-0.9853	0.9579	0.7627	0.9336	0.9990	-0.9904
STLLWR	0.1989	0.9726	-0.8857	-0.9376	-0.6952	0.6083	0.4976	0.5927	0.7803	-0.7183
TFLPLR	0.3533	-0.6997	0.7520	0.8491	0.9712	-0.9357	-0.8096	-0.9135	-0.9935	0.9784
INTLWR	-0.3599	0.9217	0.1225	0.4283	0.8243	-0.4635	-0.9956	-0.4109	-0.6656	0.7917
LRNFHR	-0.9353	0.6331	-0.8078	-0.8929	-0.9086	0.9634	0.7495	0.9461	0.9997	-0.9930
ALFNLR	0.6158	-0.9597	0.9146	0.9979	0.9981	-0.9993	-0.5982	-0.9992	-0.9824	0.9956
LDPFGLR	0.3169	0.9937	-0.1668	-0.3247	-0.6024	0.5026	0.9988	0.4513	0.6903	-0.6281





CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMKL
RACHLEN	0.1009	0.5505	-0.8818	0.9640	-0.5655	-0.4315	-0.3891	-0.2594	-0.3058	-0.5141
INTNDLN	-0.8598	-0.5253	0.0562	0.5759	0.5098	0.6364	0.6716	0.7667	0.7347	0.5674
LNNDRL	0.5572	0.8786	-1.0000	0.7849	-0.8871	-0.8093	-0.7169	-0.6836	-0.7179	-0.8573
MXLNL	0.6848	0.9445	-0.9869	0.6733	-0.9503	-0.8909	-0.8688	-0.7529	-0.8215	-0.9295
MXWL	0.8772	0.9998	-0.8619	0.4706	-1.0000	-0.9879	-0.9736	-0.9430	-0.9560	-0.9981
APKAN	-0.8135	-0.9994	0.9366	-0.9165	0.9927	0.9583	0.9486	0.8969	0.9168	0.9835
APKPS	-0.9308	-0.9955	0.2163	0.4367	0.6417	0.7583	0.7822	0.8681	0.8343	0.6873
BSAN	-0.7762	-0.9806	0.9554	-0.5656	0.9840	0.9446	0.9285	0.8589	0.8919	0.9713
BSPS	-0.9308	-0.9962	0.8228	-0.8901	0.9921	0.9996	0.9971	0.9779	0.9865	0.9979
SVINS	0.3929	0.9999	-0.8725	0.3809	-0.9995	-0.9984	-0.9957	-0.9933	-0.9968	-0.9996
NSECV	1.0000	0.8861	-0.5581	-0.0778	-0.8776	-0.9410	-0.9537	-0.9870	-0.9737	-0.9058
PINSV	0.8861	1.0000	-0.8791	0.3932	-0.9998	-0.9987	-0.9932	-0.9981	-0.9932	-0.9991
PTLLN	-0.5581	-0.8791	1.0000	-0.7839	0.8876	0.8059	0.7731	0.6841	0.7183	0.8578
INTLN	-0.0778	0.3932	-0.7839	1.0000	-0.4097	-0.2641	-0.2190	-0.0834	-0.1316	-0.3533
NBR	-0.8776	-0.9998	0.8876	-0.4097	1.0000	0.9880	0.9798	0.9638	0.9703	0.9981
IBRL	-0.9410	-0.9987	0.8059	-0.2641	0.9880	1.0000	0.9989	0.9832	0.9909	0.9956
OBRL	-0.9537	-0.9932	0.7731	-0.2190	0.9798	0.9989	1.0000	0.9906	0.9961	0.9902
IBRW	-0.9870	-0.9981	0.6841	-0.0834	0.9638	0.9832	0.9906	1.0000	0.9986	0.9817
OBRW	-0.9781	-0.9932	0.7183	-0.1316	0.9703	0.9909	0.9961	0.9986	1.0000	0.9879
PMKL	-0.9058	-0.9991	0.8578	-0.3533	0.9981	0.9956	0.9902	0.9817	0.9879	1.0000
LBRP	-0.9379	-0.9921	0.8122	-0.2744	0.9895	0.9999	0.9984	0.9871	0.9894	0.9966
NFLSR	-0.9692	-0.9765	0.7357	-0.1857	0.9725	0.9968	0.9994	0.9947	0.9965	0.9869
GORLLN	-0.6255	-0.9159	0.9965	-0.7292	0.9230	0.8526	0.8274	0.7627	0.7761	0.8978
GORLWD	-0.8205	-0.9920	0.9383	-0.5061	0.9941	0.9655	0.9584	0.9017	0.9216	0.9857
GORTWD	-0.8481	-0.9971	0.9130	-0.4623	0.9963	0.9773	0.9664	0.9222	0.9398	0.9929
LSTPPA	-0.9388	-0.9918	0.8108	-0.2781	0.9893	1.0000	0.9985	0.9816	0.9892	0.9963
IWFW	-0.9953	-0.9270	0.6368	-0.0196	0.9201	0.9695	0.9798	0.9930	0.9937	0.9683
IWFL	-0.9463	-0.9893	0.8690	-0.2945	0.9991	0.9980	0.9931	0.9869	0.9927	0.9946
FMXLH	-0.8707	-0.9995	0.8940	-0.4225	0.9	0.9858	0.9769	0.9184	0.9581	0.9972
ANKLN	-0.8853	-1.0000	0.8800	-0.3986	0.9999	0.9829	0.9735	0.9465	0.9827	0.9990
STMXLDL	-0.8114	-0.9085	0.9978	-0.7413	0.9159	0.8431	0.8172	0.7306	0.7628	0.8897
VAGMXLN	-0.5784	-0.9384	0.9541	-0.8583	0.8119	0.7683	0.7128	0.6308	0.6756	0.7969
CRMXWD	-0.8869	-0.9965	0.9196	-0.4680	0.9979	0.9760	0.9648	0.9197	0.9376	0.9921
CRMNWD	-0.9778	-0.8903	0.9997	-0.7687	0.8984	0.8199	0.7926	0.7014	0.7351	0.8693
VANGS	0.1803	0.6157	0.9168	-0.9606	0.6696	0.5825	0.5423	0.4617	0.4961	0.5812
VANGB	-0.7261	-0.9621	0.9758	-0.6290	0.9669	0.9159	0.8963	0.8271	0.8534	0.9495
BMIBL	-0.5035	-0.8478	0.9981	-0.8209	0.8259	0.7676	0.7359	0.6379	0.6741	0.8248
NWRGFWD	-0.9595	-0.9808	-0.7892	0.2063	-0.9771	-0.9982	-0.9999	-0.9923	-0.9971	-0.9883
WBLNR	-0.9208	-0.9842	0.8341	-0.4716	0.9952	0.9984	0.9946	0.9711	0.9816	0.9959
GBLNR	-0.6121	-0.7675	0.9660	-0.8763	0.7985	0.6961	0.6619	0.5531	0.5928	0.7603
INVLWR	0.8359	0.9857	-0.9103	-0.6128	-0.9498	-0.8003	-0.8369	-0.7364	-0.7828	-0.9228
GRLLWR	-0.9544	-0.8770	1.0000	-0.7866	0.8855	0.8033	0.7747	0.6809	0.7196	0.8555
GORLWR	-0.9739	-0.9681	0.7318	-0.1904	0.9635	0.9932	0.9976	0.9977	0.9998	0.9780
CORLWWR	-0.9463	-0.9884	0.7964	-0.2468	0.9855	0.9999	0.9995	0.9859	0.9929	0.9960
STLLBR	-0.9549	-0.7086	0.2867	0.3701	-0.6958	-0.7982	-0.8525	-0.8969	-0.8722	-0.7383
TFLPLR	0.9684	0.9735	-0.7527	0.1812	-0.9714	-0.9964	-0.9993	-0.9951	-0.9987	-0.9840
IMFLWR	0.8908	0.5613	-0.1253	-0.5193	0.4540	0.4870	0.5281	0.6054	0.5781	0.5160
LMFHR	-0.9336	-0.9912	0.8084	-0.2682	0.9887	1.0000	0.9987	0.9826	0.9903	0.9960
ALFRLR	0.8460	0.9968	-0.9196	0.4859	-0.9980	-0.9765	-0.9654	-0.9206	-0.9385	-0.9924
LOFFCLR	-0.9116	-0.6173	0.1678	0.4806	0.6031	0.7188	0.7506	0.8336	0.8051	0.8260





CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RACMLEN	-0.4411	-0.3576	-0.8393	-0.6515	-0.6127	-0.6390	-0.1872	-0.8223	-0.5770	-0.5320
INTNDLN	0.6281	0.5961	0.1395	0.4137	0.4986	0.6300	0.8061	0.6440	0.4977	0.5838
LOWBRL	-0.8116	-0.7551	-0.9964	-0.9319	-0.9126	-0.8108	-0.6354	-0.7994	-0.8935	-0.8795
MXLNL	-0.8927	-0.8516	-0.9909	-0.9784	-0.9669	-0.8947	-0.7585	-0.8864	-0.9246	-0.9451
MXWDL	-0.9895	-0.9723	-0.9233	-0.9942	-0.9983	-0.9892	-0.9198	-0.9863	-0.9999	-0.9999
APXAN	0.9651	0.9373	0.9682	0.9998	0.9981	0.9645	0.8662	0.9595	0.9963	0.9906
APXPS	0.7452	0.8028	0.2972	0.5549	0.5958	0.7468	0.8909	0.7588	0.6308	0.6561
BSAN	0.9482	0.9154	0.9768	0.9975	0.9927	0.9176	0.8356	0.9615	0.9869	0.9810
BSPS	0.9998	0.9980	0.8675	0.9727	0.9831	0.9998	0.9619	0.9992	0.9902	0.9960
BVINS	-0.9937	-0.9794	-0.9503	-0.9982	-0.9996	-0.9934	-0.9031	-0.9913	-0.9999	-0.9999
NSCCV	-0.9374	-0.9632	-0.6255	-0.8205	-0.8981	-0.9382	-0.9953	-0.9443	-0.8707	-0.8853
PINSV	-0.9921	-0.9765	-0.9159	-0.9920	-0.9991	-0.9918	-0.9270	-0.9893	-0.9992	-1.0000
PTLLN	0.8782	0.7597	0.9805	0.9383	0.9178	0.8100	0.6488	0.8000	0.9350	0.8900
INFLN	-0.8744	-0.7857	-0.7292	-0.5061	-0.4693	-0.8721	-0.0198	-0.2595	-0.6225	-0.3948
NBR	0.9895	0.9725	0.9230	0.9781	0.9965	0.9893	0.9201	0.9965	0.9999	0.9999
IBRL	0.9999	0.9968	0.8526	0.9655	0.9771	1.0000	0.9695	1.0000	0.9858	0.9904
OBRL	0.9998	0.9974	0.8274	0.9586	0.9664	0.9993	0.9739	0.9993	0.9769	0.9829
IBRW	0.9811	0.9947	0.7427	0.9017	0.9222	0.9816	0.9260	0.9849	0.9384	0.9485
OBRW	0.9894	0.9985	0.7743	0.9216	0.9398	0.9897	0.9437	0.9921	0.9541	0.9627
PRXL	0.9966	0.9869	0.8978	0.9857	0.9969	0.9963	0.9423	0.9946	0.9970	0.9990
LBRP	1.0000	0.9999	0.8581	0.9682	0.9795	1.0000	0.9668	0.9998	0.9875	0.9914
NFLOR	0.9999	1.0000	0.8079	0.9415	0.9571	0.9961	0.9860	0.9975	0.9691	0.9761
CORLLN	0.8581	0.8079	1.0000	0.9592	0.9439	0.8569	0.6985	0.8476	0.9282	0.9186
CORLWD	0.9682	0.9415	0.9592	1.0000	0.9987	0.9676	0.8782	0.9629	0.9955	0.9982
CORTWD	0.9795	0.9571	0.9439	0.9987	1.0000	0.9790	0.8896	0.9752	0.9990	0.9979
LCTPFA	1.0000	0.9961	0.8569	0.9676	0.9790	1.0000	0.9676	0.9998	0.9871	0.9915
INFW	0.9668	0.9860	0.6985	0.8782	0.8896	0.9676	1.0000	0.9719	0.9145	0.9263
INFL	0.9998	0.9975	0.8476	0.9629	0.9752	0.9998	0.9719	1.0000	0.9840	0.9890
FMXLN	0.9875	0.9691	0.9282	0.9955	0.9990	0.9871	0.9145	0.9840	1.0000	0.9995
AMXLN	0.9914	0.9761	0.9186	0.9982	0.9979	0.9915	0.9263	0.9890	0.9995	1.0000
SIMKLOL	0.8488	0.7972	0.9998	0.9540	0.9378	0.8475	0.6855	0.8377	0.9215	0.9093
VAGNKLN	0.2580	0.3458	0.2774	0.0082	0.0582	0.2663	0.4563	0.2776	0.1025	0.1321
ORMMWD	0.9782	0.9553	0.9460	0.9990	1.0000	0.9777	0.8927	0.9737	0.9987	0.9967
ORMMND	0.8259	0.7718	0.9982	0.9607	0.9283	0.8246	0.6563	0.8161	0.9049	0.8911
VANGS	-0.5117	-0.4314	-0.8802	-0.7102	-0.6742	-0.5096	-0.2758	-0.4939	-0.6407	-0.6171
VANGB	0.9202	0.8807	0.9907	0.9804	0.9801	0.9179	0.7896	0.9119	0.9704	0.9628
SHINL	-0.7704	-0.7136	-0.9894	-0.9080	-0.8859	-0.7729	-0.5670	-0.7612	-0.8644	-0.8487
NUMSFHD	-0.9975	-0.9956	-0.8830	-0.9683	-0.9630	-0.9977	-0.9903	-0.9988	-0.9760	-0.9805
IBLNR	0.9989	0.9906	0.8610	0.9788	0.9878	0.9988	0.9539	0.9978	0.9937	0.9967
OBLNR	0.7037	0.6361	0.9687	0.8590	0.8303	0.7020	0.4588	0.6889	0.8069	0.7886
INVLNR	-0.5918	-0.6627	-0.0939	-0.3714	-0.4174	-0.5937	-0.7781	-0.6083	-0.4573	-0.4841
CRLLNR	0.8096	0.7528	0.9961	0.9306	0.9112	0.8082	0.6308	0.7973	0.8920	0.8779
CORLNR	0.9919	0.9999	0.7862	0.9286	0.9461	0.9922	0.9916	0.9943	0.9596	0.9677
CORLRWR	0.9998	0.9979	0.8442	0.9613	0.9738	0.9997	0.9732	1.0000	0.9830	0.9881
STLLNR	0.7917	0.8461	0.3658	0.6139	0.6586	0.7932	0.9215	0.8082	0.6856	0.7074
TFTLLR	-0.9954	-1.0000	-0.8051	-0.9376	-0.9556	-0.9956	-0.9868	-0.9972	-0.9579	-0.9751
INFLNR	0.6796	0.7478	0.2043	0.4748	0.5178	0.6810	0.8442	0.6942	0.5551	0.5801
LRNFHR	1.0000	0.9984	0.8568	0.9686	0.9782	1.0000	0.9684	0.9999	0.9865	0.9910
ALTNL	0.9781	0.9565	0.9624	0.9902	0.9811	1.0000	0.9788	0.9943	0.9908	0.9965
LCPFCLR	0.7114	0.7724	0.2896	0.5131	0.5554	0.7131	0.8473	0.7257	0.5917	0.6160



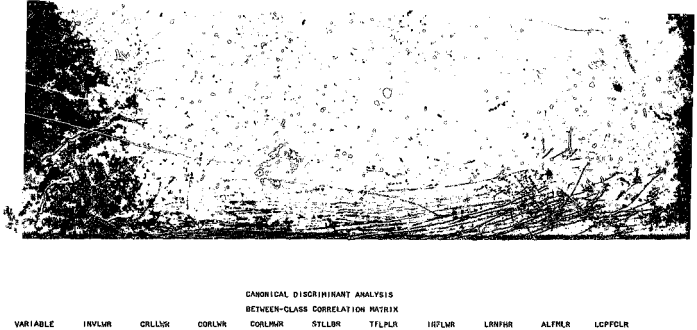


CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	STMXLOL	VACMXLN	CRMXMD	CRMNMD	VARGS	VANGS	SHINL	MNNOFMD	IBLMR	OBLMR
RACHLEN	-0.8489	0.7513	-0.6177	-0.8703	0.9958	-0.7573	0.9094	0.3771	-0.8822	-0.9480
INTNOLN	0.1818	0.9138	-0.4530	0.0801	0.3491	0.2713	0.0059	-0.6811	0.5031	0.1168
LNKHXL	-0.9978	0.3525	-0.9152	-0.9907	0.9172	-0.9733	0.9781	0.7686	-0.8378	-0.9868
MXLNL	-0.9994	-0.1985	-0.9685	-0.9905	0.8803	-0.9983	0.9789	0.8624	-0.9154	-0.9462
MXNXL	-0.9163	-0.1157	-0.9978	-0.8987	0.6304	-0.9671	0.8576	0.9770	-0.9351	-0.7989
APXAN	0.9576	-0.0039	0.9884	0.9647	-0.7187	0.9906	-0.9130	-0.9484	0.9762	0.8657
APXPS	0.9800	0.8365	0.9907	0.9396	-0.7911	0.9267	-0.9552	-0.7902	0.7136	0.9607
BSAN	0.9788	-0.0623	0.9335	0.9622	-0.7581	0.9969	-0.9353	-0.9236	0.9619	0.8930
BSPB	0.9589	0.2401	0.9819	0.9342	-0.6973	0.9272	-0.7850	-0.9961	0.9996	0.7187
SVINS	-0.9027	-0.1480	-0.9953	-0.8839	0.6048	-0.9583	0.8404	0.9834	-0.9976	-0.7789
MSEC0	-0.5114	0.5784	-0.8657	-0.5778	0.1801	-0.7261	0.5053	0.9959	-0.9809	-0.4121
PINSV	-0.9085	-0.1364	-0.9966	-0.8903	0.6157	-0.9681	0.8478	0.9808	-0.9968	-0.7875
PTLAN	0.9978	0.3541	0.9156	0.9997	-0.9168	0.9758	-0.9981	-0.7693	0.8181	0.9868
INTLN	-0.7413	0.8583	-0.9680	-0.7687	0.9666	-0.6290	0.8209	0.2063	-0.3186	-0.8763
NBN	0.9159	0.1169	0.9979	0.8994	-0.6298	0.9669	-0.8972	-0.9771	0.9932	0.7965
IBNL	0.8431	0.2063	0.9760	0.8199	-0.5095	0.9139	-0.7676	-0.9982	0.9986	0.6961
OBNL	0.8178	0.1198	0.9698	0.7984	-0.4917	0.8953	-0.7518	-0.9999	0.9981	0.6710
IBNJ	0.7306	0.4398	0.9192	0.7014	-0.3360	0.8271	-0.6373	-0.9923	0.9711	0.5531
OBNM	0.7625	0.3956	0.9376	0.7351	-0.3812	0.8534	-0.6741	-0.9971	0.9816	0.5928
PNXL	0.8897	0.1769	0.9921	0.8658	-0.5412	0.9405	-0.8242	-0.9883	0.9992	0.7603
LBNP	0.8988	0.2580	0.9762	0.8259	-0.5117	0.9202	-0.7744	-0.9975	0.9989	0.7037
NFLCA	0.7972	0.3408	0.9553	0.7718	-0.4210	0.8807	-0.7126	-0.9998	0.9906	0.6361
CORLLH	0.9998	-0.0747	0.9460	0.9982	-0.8802	0.9997	-0.9894	-0.8200	0.8810	0.9667
CORLWD	0.9540	0.0482	0.9990	0.9407	-0.7102	0.9888	-0.9083	-0.9483	0.9788	0.8590
CORTWD	0.9378	0.0582	1.0000	0.9225	-0.6782	0.9801	-0.8859	-0.9630	0.9870	0.8323
LCTPFA	0.8475	0.2603	0.9777	0.8396	-0.5098	0.9192	-0.7729	-0.9977	0.9988	0.7020
INFW	0.6655	0.4963	0.8927	0.6345	-0.2752	0.7896	-0.5070	-0.9823	0.9539	0.4988
INFL	0.8377	0.2778	0.9737	0.8141	-0.4939	0.9119	-0.7612	-0.9968	0.9979	0.6889
FNXLN	0.9215	0.1025	0.9987	0.9045	-0.6407	0.9704	-0.8644	-0.9780	0.9937	0.8069
AMXLN	0.9093	0.1227	0.9967	0.8913	-0.6111	0.9625	-0.8467	-0.9805	0.9967	0.7886
STMXLOL	1.0000	-0.8919	0.9489	0.9991	-0.8886	0.9880	-0.9918	-0.8096	0.8726	0.9730
VACMXLN	-0.8919	1.0000	0.9517	0.9116	-0.6981	0.9409	-0.9115	-0.9251	-0.9109	-0.5048
CRMXMD	0.9489	0.9519	1.0000	0.9230	-0.6788	0.9879	-0.8888	-0.9613	0.9868	0.8358
CRMNMD	0.9991	-0.9119	0.9230	1.0000	-0.9070	0.9407	-0.9963	-0.7944	0.8512	0.9816
VARGS	-0.8886	0.6981	-0.6788	-0.9070	1.0000	-0.8072	0.9399	0.4502	-0.5509	-0.9705
VANGS	0.9880	-0.9409	0.9814	0.9807	-0.8072	1.0000	-0.9603	-0.8908	0.9213	0.9257
SHINL	-0.9918	0.9115	-0.8888	-0.9963	0.9399	-0.9603	1.0000	0.7301	-0.8029	-0.9845
MNNOFMD	-0.8096	-0.9251	-0.9613	-0.7944	0.4502	-0.8908	0.7281	1.0000	-0.9937	-0.6922
IBLMR	0.8726	-0.9109	0.9868	0.8512	-0.5509	0.9213	-0.8029	-0.9937	1.0000	0.7299
OBLMR	0.9730	-0.5048	0.8358	0.9816	-0.9705	0.9257	-0.9845	-0.6922	0.7299	1.0000
INVLMR	-0.9761	-0.9315	-0.9116	-0.9343	-0.3898	-0.2289	-0.0518	0.6468	-0.5538	0.1563
CRLLMR	0.9975	-0.8588	0.9138	0.9996	-0.9186	0.9748	-0.9983	-0.7665	0.8359	0.9868
CORLMR	0.7750	0.3783	0.9461	0.7679	-0.3987	0.8631	-0.6880	-0.9984	0.9850	0.6080
CORLMWR	0.8365	0.2835	0.9724	0.8107	-0.4887	0.9094	-0.7573	-0.9998	0.9973	0.6846
STLLBR	0.3901	0.7904	0.6478	0.3896	0.1197	0.4004	-0.2866	-0.8326	0.7686	0.1832
TFLPLR	-0.7963	-0.3492	-0.9539	-0.7683	0.4272	-0.8785	0.7103	0.9997	-0.9899	-0.6325
INFLWR	-0.1883	-0.6843	-0.5123	-0.1673	-0.2830	-0.3376	-0.0618	0.7290	-0.6445	-0.0438
LRNFHR	0.8454	0.2642	0.9769	0.8283	-0.5052	0.9176	-0.7703	-0.9980	0.9985	0.6991
ALFHLR	-0.8292	-0.6342	-1.0000	-0.8240	0.6771	-0.9809	0.8577	0.9619	-0.9872	-0.8345
LRFFCLR	0.2322	0.8625	0.9501	0.1914	0.2398	0.3794	-0.1062	-0.7589	0.6781	0.0013

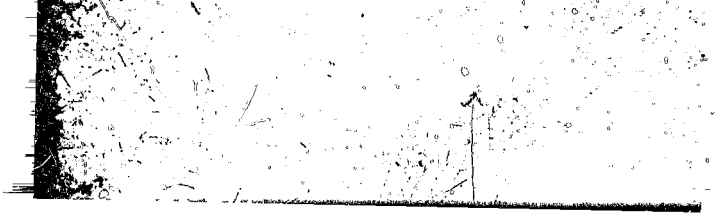




CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	INVLWR	CRLLWR	CORLWR	CORLMWR	STLLBR	TFLPLR	INFLWR	LRNFHR	ALFMLR	LCPFCLR
RAGMLEN	-0.9628	-0.8839	-0.3239	-0.9171	0.1989	0.3533	-0.3590	-0.4353	0.6159	0.3169
INTMDLN	-0.9909	0.0518	0.7216	0.6486	0.4726	-0.6297	-0.9977	0.6321	-0.4551	0.9937
LNWDRL	0.0093	-1.0000	-0.7315	-0.7958	-0.2857	0.7520	0.1225	-0.8078	0.9147	-0.1668
RWLNL	0.1717	-0.9862	-0.8322	-0.8836	-0.4176	0.8491	0.2821	-0.8929	0.9679	-0.3257
RKWGL	0.9691	-0.8859	-0.9633	-0.9853	-0.6928	0.9712	0.5661	-0.9886	0.9981	-0.6024
APXAN	-0.3601	0.9350	0.9242	0.9579	0.6042	-0.9237	-0.4639	0.9634	-0.9983	0.5026
APXPS	-0.9783	0.8120	0.8237	0.7687	0.9976	-0.8056	-0.9956	0.7495	-0.5926	0.9988
BSAR	-0.3090	0.9561	0.9003	0.9334	0.5567	-0.9115	-0.4109	0.9461	-0.9912	0.4513
BSPS	-0.57	0.8203	0.9896	0.9990	0.1803	-0.9935	-0.6656	0.7997	-0.9824	0.6983
BVIBS	0.6_7_	-0.6701	-0.9715	-0.9998	-0.1182	0.9786	0.7227	0.9918	-0.9958	0.4281
BSECV	0.8595	-0.5544	-0.9139	-0.9163	-0.9549	0.9664	0.8924	-0.9396	0.8460	-0.9176
PINEV	0.4857	-0.8770	-0.9881	-0.9884	-0.7089	0.9755	0.7816	-0.9918	0.9968	-0.6173
YTLLN	-0.0183	1.0000	0.7318	0.6486	0.4867	-0.6297	-0.1259	0.6484	-0.4551	0.9978
INTLN	-0.6128	-0.7866	-0.1509	-0.2688	0.3701	0.1812	-0.5194	-0.2682	0.4659	0.4806
RBR	-0.9658	0.8855	0.9638	0.9895	0.6928	-0.9114	-0.9668	0.8687	-0.9269	0.6071
IBRL	-0.6003	0.8033	0.9932	0.9999	0.7182	-0.9964	-0.6870	1.0000	-0.9765	0.7188
GBRL	-0.6362	0.7747	0.9976	0.9995	0.8054	-0.9993	-0.7201	0.9987	-0.9658	0.7504
IBRH	-0.7364	0.6809	0.9977	0.9859	0.9449	-0.9951	-0.8083	0.9824	-0.9206	0.8338
GBRH	-0.7028	0.7156	0.9998	0.9889	0.8722	-0.9987	-0.7788	0.9902	-0.9349	0.8061
RWL	-0.5228	0.8555	0.9780	0.9940	0.7363	-0.9840	-0.6160	0.9960	-0.9284	0.6906
LBRP	-0.5918	0.8096	0.9918	0.9996	0.7917	-0.9956	-0.6796	1.0000	-0.9787	0.7114
RFLOR	-0.6627	0.7509	0.9894	0.9979	0.8441	-1.0000	-0.7432	0.9984	-0.9560	0.7724
CORLLN	-0.0939	0.9961	0.7868	0.8442	0.3650	-0.8051	-0.2067	0.8348	-0.9152	0.2496
CORLWD	-0.3714	0.9306	0.9288	0.9613	0.6139	-0.9399	-0.4742	0.9666	-0.9989	0.5131
CORTWD	-0.9118	0.9112	0.9461	0.9738	0.6526	-0.9578	-0.5175	0.9782	-1.0000	0.5554
LCTPFA	-0.9927	0.8082	0.9922	0.9997	0.7938	-0.9956	-0.8810	1.0000	-0.9782	0.7131
IBFW	-0.7781	0.6328	0.9914	0.9732	0.9215	-0.9868	-0.8402	0.9680	-0.9018	0.8673
INFL	-0.6083	0.7973	0.9943	1.0000	0.8042	-0.9978	-0.6942	0.9999	-0.9761	0.7257
FMXLH	-0.4573	0.8920	0.9596	0.9830	0.6856	-0.9679	-0.5551	0.9868	-0.9988	0.5917
RWXLH	-0.9841	0.8779	0.9677	0.9881	0.8174	-0.9751	-0.9650	0.9710	-0.9469	0.6100
STMKLOL	-0.0761	0.9975	0.7750	0.8345	0.3491	-0.7943	-0.1885	0.8454	-0.9392	0.2322
VACMXLN	-0.9315	-0.3582	0.3183	0.2835	0.7944	-0.3492	0.5648	0.2641	-0.2943	0.8622
GRWOND	-0.4116	0.9138	0.9441	0.9784	0.6478	-0.9539	-0.5122	0.9769	-1.0000	0.5501
CRWOND	-0.0343	0.9996	0.7479	0.8107	0.3096	-0.7683	-0.1673	0.8223	-0.9240	0.1914
YANGS	-0.3898	-0.9186	-0.3967	-0.4687	0.1157	0.4272	-0.2830	0.3062	0.6771	0.2398
YANGB	-0.2269	0.9748	0.8627	0.9009	0.4894	-0.8785	-0.3376	0.9176	-0.9809	0.3794
SHINL	-0.0518	-0.9983	-0.6886	-0.7573	-0.2866	0.7103	0.0616	-0.7703	0.8877	-0.1068
RWWOFHD	0.6468	-0.7625	-0.9984	-0.9990	-0.8336	0.9997	0.7290	-0.9980	0.9619	-0.7599
IBLWR	-0.5538	0.8359	0.9850	0.9973	0.7626	-0.9899	-0.6445	0.9986	-0.9879	0.6781
GBLWR	0.1963	-0.9868	-0.6080	-0.6896	-0.1232	0.6325	0.0434	-0.6991	-0.8349	0.0013
INVLWR	1.0000	-0.0059	-0.6891	-0.6129	-0.9609	0.6661	0.9316	-0.5969	0.4138	-0.9875
CRLLWR	-0.0059	1.0000	0.7287	0.7937	0.2825	-0.7698	-0.1191	0.8098	-0.9128	0.1634
CORLWR	-0.6891	0.7287	1.0000	0.9950	0.8627	-0.9995	-0.7667	0.9927	-0.9489	0.7967
CORLMWR	-0.6129	0.7937	0.9950	1.0000	0.8077	-0.9974	-0.6965	0.9990	-0.9729	0.7209
STLLBR	-0.9609	0.2825	0.8627	0.8077	1.0000	-0.8465	-0.9861	0.7957	-0.6896	0.5925
TFLPLR	0.6661	-0.7698	-0.9995	-0.9974	-0.8465	1.0000	0.7463	-0.9960	0.9546	-0.7753
INFLWR	0.9316	-0.1191	-0.7667	-0.6965	-0.9861	0.7463	1.0000	-0.6839	0.2980	-0.9331
LRNFHR	-0.5969	0.8098	0.9927	0.9990	0.7957	-0.9960	-0.6839	1.0000	-0.9778	0.7159
ALFMLR	0.4138	-0.9128	-0.9489	-0.9729	-0.6896	0.9546	0.2980	-0.9778	1.0000	-0.5521
LCPFCLR	-0.9875	0.1634	0.7947	0.7209	0.5925	-0.7753	-0.9330	0.7159	-0.5521	1.0000



Author Haines David William
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