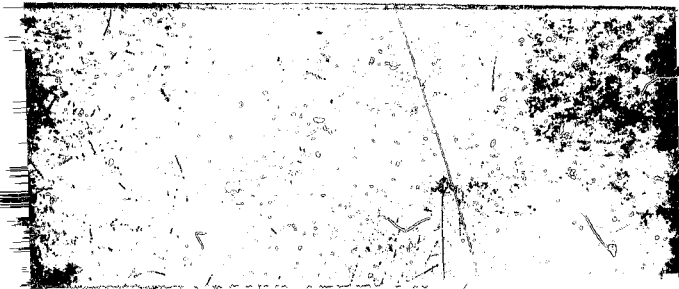


CONTINUATION OF
COMPUTE CORRELATIONS

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	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 333	-0.121	0.406	0.193	0.751	0.226	-0.309	-0.406	0.312	-0.387	-0.301
OTU 336	0.045	0.280	0.259	0.321	-0.195	-0.465	-0.259	0.168	-0.312	-0.309
OTU 337	0.038	0.457	0.454	0.195	0.203	-0.077	-0.181	0.039	-0.405	-0.325
OTU 339	-0.167	0.580	0.323	0.102	0.320	-0.346	-0.386	0.100	-0.405	-0.340
OTU 340	-0.016	0.458	0.079	0.274	0.338	-0.466	-0.384	-0.164	-0.457	-0.446
OTU 341	-0.177	0.456	0.351	0.086	0.520	-0.278	-0.175	0.211	-0.353	-0.439
OTU 342	0.204	0.383	0.262	0.268	0.046	-0.374	-0.459	0.229	-0.417	-0.232
OTU 343	0.154	0.579	0.385	0.338	0.126	-0.470	-0.402	0.194	-0.444	-0.434
OTU 344	0.059	0.476	0.392	0.236	0.158	-0.348	-0.496	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



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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 154
OTU 138	1.000									
OTU 140	0.271	1.000								
OTU 143	0.302	0.393	1.000							
OTU 145	-0.101	0.239	0.398	1.000						
OTU 147	-0.088	0.239	0.091	0.102	1.000					
OTU 149	0.008	0.096	0.246	0.143	-0.018	1.000				
OTU 151	0.398	-0.039	0.271	0.478	-0.267	0.337	1.000			
OTU 152	0.269	0.045	0.363	0.060	0.304	0.170	-0.060	1.000		
OTU 153	-0.032	-0.004	0.111	-0.092	0.217	0.065	-0.088	0.288	1.000	
OTU 154	0.346	-0.038	0.236	0.133	-0.068	0.215	0.289	0.280	-0.207	1.000
OTU 155	0.172	-0.109	-0.104	-0.247	-0.105	0.228	-0.026	-0.061	0.131	-0.071
OTU 156	0.323	0.081	0.127	0.062	0.081	-0.063	-0.251	-0.263	0.192	-0.184
OTU 162	0.190	-0.022	0.113	0.208	0.055	0.184	0.396	-0.238	-0.283	0.372
OTU 165	0.125	0.223	0.408	0.129	-0.358	0.338	0.159	0.403	0.319	0.115
OTU 166	0.711	0.220	0.369	0.374	-0.197	-0.199	0.210	0.210	-0.869	0.238
OTU 167	0.606	0.379	0.322	0.191	0.131	-0.266	0.066	0.510	0.092	0.250
OTU 171	0.117	0.134	-0.130	0.369	0.124	0.073	0.158	0.058	0.192	-0.134
OTU 177	-0.264	0.164	0.104	0.101	0.328	-0.242	-0.255	-0.023	0.139	-0.101
OTU 181	0.092	0.039	0.257	-0.005	-0.132	0.210	0.222	0.226	0.468	-0.106
OTU 183	0.111	-0.022	-0.09	0.065	-0.150	-0.087	-0.182	0.367	0.309	0.005
OTU 185	0.217	0.077	0.11	-0.171	-0.308	-0.369	0.210	-0.059	0.018	0.072
OTU 187	0.348	-0.078	0.094	0.310	-0.060	0.157	0.115	0.038	0.040	0.171
OTU 189	0.308	-0.094	0.096	0.063	-0.076	-0.092	0.214	0.349	0.338	0.147
OTU 191	-0.180	0.150	-0.198	0.080	0.135	-0.060	-0.108	-0.224	-0.127	0.157
OTU 194	0.002	0.001	0.245	0.284	0.170	0.171	-0.014	0.098	0.327	-0.322
OTU 196	-0.096	0.174	-0.099	0.003	0.186	-0.224	-0.030	-0.273	-0.330	0.270
OTU 197	0.006	0.127	-0.003	-0.091	-0.208	-0.260	0.227	-0.211	-0.213	-0.011
OTU 199	-0.100	-0.154	-0.365	0.107	0.077	-0.293	0.081	-0.367	-0.040	0.032
OTU 200	0.059	0.096	0.088	0.224	-0.062	0.195	0.140	-0.168	-0.263	0.368
OTU 202	-0.004	-0.013	0.055	-0.115	-0.214	-0.300	0.099	-0.078	-0.131	-0.028
OTU 206	0.126	0.043	0.145	0.151	0.082	0.039	0.146	0.143	0.081	-0.161
OTU 209	-0.067	0.006	-0.236	0.274	0.040	-0.021	0.111	-0.172	-0.011	-0.244
OTU 210	-0.087	0.153	-0.297	0.146	-0.143	-0.051	0.006	-0.336	-0.261	0.185
OTU 212	0.256	-0.059	0.096	0.369	-0.184	-0.11	0.312	-0.043	-0.158	-0.120
OTU 213	-0.081	-0.315	-0.174	-0.518	-0.111	-0.159	-0.401	-0.237	0.113	-0.423
OTU 216	-0.220	-0.114	-0.290	-0.514	-0.072	-0.290	-0.508	-0.039	-0.118	-0.054
OTU 218	-0.606	-0.101	-0.393	-0.565	0.118	-0.045	-0.460	-0.037	0.249	-0.410
OTU 220	0.380	0.069	0.187	0.619	-0.180	-0.226	0.257	0.033	-0.082	0.199
OTU 227	0.422	0.522	0.338	0.421	0.271	0.052	0.459	0.342	-0.014	0.175
OTU 229	0.275	0.116	0.093	0.289	-0.050	-0.368	0.161	-0.149	0.070	-0.058
OTU 231	0.507	0.286	0.081	0.954	-0.057	0.006	0.213	0.319	-0.183	0.148
OTU 234	0.434	0.195	0.200	0.387	-0.183	-0.283	0.415	0.012	-0.015	-0.002
OTU 235	0.245	0.246	0.397	0.503	0.076	-0.075	0.032	0.085	-0.071	0.032
OTU 236	0.270	-0.045	0.287	0.476	0.059	-0.195	0.274	0.135	0.040	0.244
OTU 239	0.366	0.217	0.215	0.710	-0.026	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	0.068	0.119	-0.146	-0.048	0.334	0.149	-0.185	0.031
OTU 244	0.488	0.025	0.404	0.476	-0.118	-0.159	0.224	0.261	0.060	-0.029
OTU 247	0.588	-0.103	0.114	0.509	-0.129	-0.089	0.435	-0.172	-0.190	0.263
OTU 251	0.495	0.004	0.269	0.489	-0.055	-0.065	0.419	0.174	-0.325	0.279

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CONTINUATION OF
COMPUTE CORRELATIONS

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	OTU 148	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	-0.062	0.192	0.173	-0.138	0.152
OTU 258	0.372	0.136	0.125	0.355	0.022	-0.097	0.203	0.294	-0.056	0.207
OTU 256	0.190	-0.213	0.489	0.594	0.006	-0.084	0.325	0.301	-0.060	0.266
OTU 259	0.032	-0.026	0.026	-0.046	-0.169	-0.194	0.105	-0.071	0.044	0.227
OTU 260	0.346	-0.175	0.032	0.265	0.225	-0.262	0.136	-0.013	-0.062	0.226
OTU 262	0.247	-0.022	-0.095	-0.021	-0.290	0.031	-0.165	-0.157	0.169	0.012
OTU 264	0.224	-0.180	0.299	0.361	-0.151	0.335	0.204	0.133	0.205	-0.099
OTU 266	0.054	0.015	0.349	0.212	-0.101	0.085	0.305	0.282	0.051	0.141
OTU 268	0.653	0.057	0.329	0.425	-0.123	0.036	0.412	0.287	-0.182	0.330
OTU 270	0.257	0.114	0.259	0.362	0.008	0.106	0.073	0.107	-0.153	0.322
OTU 272	0.236	-0.004	-0.020	0.232	0.073	-0.002	-0.245	0.112	-0.156	0.202
OTU 273	0.520	0.106	0.434	0.437	-0.062	0.026	0.185	0.296	0.032	0.239
OTU 276	0.344	0.156	0.514	0.249	0.127	0.079	-0.062	-0.009	0.081	0.153
OTU 278	0.275	0.372	0.274	0.387	0.183	-0.074	0.301	-0.060	-0.273	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	0.062	0.150	-0.070	0.389	0.083	0.119	0.113	-0.153	0.357	0.105
OTU 283	0.284	0.047	0.530	0.471	-0.015	-0.034	0.184	0.232	-0.067	-0.026
OTU 286	0.862	0.155	0.239	0.500	-0.145	-0.319	0.346	0.403	-0.011	0.043
OTU 288	0.399	0.085	0.207	0.367	0.563	-0.006	-0.254	0.227	0.025	0.169
OTU 289	0.072	0.216	0.189	0.101	0.015	-0.190	0.159	-0.037	-0.103	-0.013
OTU 298	0.159	-0.169	0.201	0.346	-0.082	0.015	0.054	-0.022	-0.171	-0.109
OTU 295	0.492	0.367	0.480	0.596	0.169	-0.025	0.369	0.201	0.001	0.038
OTU 296	-0.004	-0.044	-0.449	-0.126	0.068	0.045	-0.412	-0.159	-0.292	-0.065
OTU 297	-0.332	-0.160	-0.391	-0.146	0.026	0.049	-0.342	-0.125	-0.302	-0.310
OTU 298	-0.461	-0.198	-0.408	-0.311	-0.053	-0.152	-0.331	-0.166	-0.158	-0.498
OTU 303	-0.350	-0.172	-0.195	-0.501	-0.124	-0.192	-0.227	-0.056	0.171	-0.254
OTU 309	-0.433	-0.365	-0.298	-0.363	0.193	0.180	-0.200	0.016	0.068	-0.266
OTU 306	-0.514	-0.198	-0.287	-0.409	0.153	0.178	-0.315	-0.078	0.105	-0.218
OTU 308	-0.309	-0.368	-0.163	-0.506	-0.176	0.192	-0.064	-0.114	0.121	0.176
OTU 310	-0.464	-0.138	-0.260	-0.628	-0.044	0.271	-0.275	-0.188	-0.051	-0.240
OTU 311	-0.394	-0.165	-0.246	-0.613	0.061	-0.162	-0.277	-0.130	0.028	-0.314
OTU 314	-0.483	-0.208	-0.118	-0.616	0.101	0.123	-0.444	-0.221	-0.132	-0.159
OTU 316	-0.302	-0.275	-0.261	-0.007	0.102	0.293	-0.054	-0.217	-0.163	-0.062
OTU 322	-0.415	-0.326	-0.396	-0.445	0.074	0.058	-0.340	-0.033	0.059	-0.069
OTU 324	-0.303	-0.211	-0.199	-0.299	-0.243	0.024	-0.213	0.181	0.209	-0.458
OTU 326	-0.014	-0.267	-0.218	-0.259	-0.017	-0.117	-0.014	-0.109	0.056	-0.355
OTU 327	-0.160	-0.102	-0.592	-0.655	0.020	0.119	-0.219	-0.013	-0.043	-0.112
OTU 330	-0.012	-0.198	-0.242	-0.213	-0.299	-0.228	-0.147	-0.070	0.123	-0.140
OTU 332	-0.058	-0.279	-0.488	-0.023	-0.152	0.031	-0.227	-0.333	-0.093	-0.284
OTU 333	-0.349	-0.190	-0.165	0.007	-0.162	-0.405	-0.135	-0.135	0.053	-0.210
OTU 337	-0.242	-0.117	-0.507	-0.167	0.069	0.130	-0.373	0.202	0.312	-0.195
OTU 336	-0.277	-0.346	-0.537	-0.226	0.046	0.200	-0.044	0.044	-0.073	-0.044
OTU 337	-0.069	-0.239	-0.419	-0.500	0.188	0.072	-0.498	-0.152	0.029	-0.034
OTU 339	-0.066	-0.235	-0.543	-0.461	0.099	-0.074	-0.536	-0.291	-0.116	-0.223
OTU 340	-0.158	-0.232	-0.590	-0.519	0.090	-0.266	-0.361	-0.096	0.052	-0.144
OTU 342	-0.358	-0.304	-0.409	-0.499	-0.116	-0.015	-0.232	-0.249	-0.335	-0.140
OTU 343	-0.453	-0.398	-0.429	-0.667	0.095	-0.095	-0.190	-0.265	-0.182	-0.210
OTU 344	-0.540	-0.558	-0.465	-0.669	-0.039	-0.169	-0.257	-0.105	-0.166	-0.166
OTU 345	-0.155	-0.248	-0.274	-0.439	-0.007	0.144	-0.25	0.002	-0.156	-0.071
OTU 345	-0.559	-0.310	-0.047	-0.669	0.045	0.073	-0.443	-0.130	0.194	-0.179

IDENTIFICATION:

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COMPUTE CORRELATIONS

	OTU 156	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 183
OTU 156	1.000									
OTU 159	-0.186	1.000								
OTU 162	0.070	-0.030	1.000							
OTU 165	0.140	0.292	0.104	1.000						
OTU 166	0.115	0.225	0.164	0.175	1.000					
OTU 167	0.090	0.237	-0.070	0.257	0.692	1.000				
OTU 171	-0.122	0.185	0.195	0.104	0.239	0.105	1.000			
OTU 177	-0.403	0.022	-0.067	0.015	-0.265	-0.218	-0.173	1.000		
OTU 181	-0.096	0.468	-0.217	0.440	-0.011	0.089	-0.056	0.004	1.000	
OTU 183	-0.068	0.407	-0.178	0.567	0.101	0.184	0.276	0.021	0.102	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 187	0.088	0.196	0.233	-0.002	0.262	0.155	0.118	-0.062	-0.061	0.098
OTU 189	-0.076	0.139	0.139	0.309	0.295	0.392	0.308	-0.107	0.085	-0.110
OTU 191	-0.308	-0.166	0.200	0.000	-0.236	-0.041	0.075	-0.196	0.007	0.034
OTU 194	-0.137	-0.149	-0.137	0.217	-0.127	-0.048	0.225	-0.083	0.090	0.104
OTU 196	-0.191	-0.211	0.221	-0.188	0.015	0.108	-0.054	-0.075	-0.456	-0.254
OTU 197	-0.459	-0.064	0.241	-0.351	-0.009	-0.004	0.168	0.088	0.050	-0.134
OTU 199	-0.168	-0.103	0.240	-0.193	-0.111	-0.218	-0.307	0.157	-0.312	0.156
OTU 200	0.114	-0.414	0.310	-0.018	0.037	0.038	-0.011	-0.390	-0.416	-0.275
OTU 202	-0.294	-0.306	-0.048	-0.278	0.077	-0.004	-0.172	0.225	0.090	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	-0.196	-0.204	0.473	0.316	-0.060	-0.008
OTU 210	-0.405	-0.283	0.129	-0.380	-0.171	-0.271	0.119	0.093	-0.241	-0.103
OTU 212	-0.032	-0.160	-0.225	-0.265	0.284	0.214	-0.224	-0.078	-0.070	-0.262
OTU 213	0.375	-0.104	-0.151	-0.043	-0.183	-0.345	-0.071	0.204	-0.039	0.118
OTU 216	0.105	-0.020	-0.295	-0.218	-0.268	-0.099	-0.449	-0.076	0.011	0.002
OTU 218	0.379	-0.127	-0.294	0.001	-0.453	-0.284	-0.196	0.174	-0.074	0.058
OTU 220	-0.146	0.186	0.121	-0.066	0.247	0.119	0.188	-0.062	0.026	0.179
OTU 221	-0.207	0.249	0.216	0.430	0.350	0.199	0.379	0.451	0.069	-0.049
OTU 229	-0.013	-0.104	0.006	0.051	0.397	0.339	0.173	-0.126	0.011	-0.131
OTU 231	-0.285	0.015	-0.065	0.212	0.451	0.396	0.072	-0.146	0.161	-0.043
OTU 234	-0.219	-0.066	0.062	0.016	0.505	0.367	0.244	0.094	0.083	-0.273
OTU 235	-0.112	-0.159	-0.014	0.062	0.067	0.088	0.233	0.171	0.008	-0.205
OTU 236	-0.309	0.089	0.083	0.010	0.239	0.128	0.044	0.101	0.119	0.072
OTU 239	-0.191	-0.129	0.246	0.047	0.318	0.075	0.297	0.297	-0.169	-0.276
OTU 241	-0.509	-0.100	0.071	-0.029	-0.241	-0.261	0.296	0.497	0.118	-0.278
OTU 243	-0.019	-0.039	0.023	0.098	0.352	0.104	-0.090	0.090	0.106	-0.326
OTU 244	-0.167	0.256	-0.003	0.661	0.413	0.316	0.172	0.007	0.009	-0.008
OTU 247	-0.020	-0.255	0.167	-0.022	0.199	-0.040	-0.105	-0.048	0.005	-0.481
OTU 251	-0.013	-0.067	0.060	0.016	0.278	0.273	-0.085	0.128	0.137	-0.177
OTU 252	-0.071	0.044	0.090	-0.118	0.197	0.289	0.042	-0.116	-0.081	-0.108
OTU 254	0.065	0.199	-0.191	0.158	0.278	0.429	-0.068	0.295	0.237	-0.286
OTU 256	-0.414	-0.285	-0.032	0.440	0.217	0.169	-0.097	-0.009	0.209	-0.111
OTU 259	-0.156	-0.055	-0.026	-0.329	0.089	-0.008	0.025	-0.006	-0.144	-0.201
OTU 260	-0.004	0.075	0.188	-0.063	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	-0.262	-0.106	-0.044
OTU 268	0.070	-0.128	-0.120	0.070	-0.131	-0.110	0.046	0.088	0.108	-0.159
OTU 269	-0.100	0.306	0.097	0.219	0.067	0.149	0.051	0.108	0.313	-0.044
OTU 268	-0.025	0.337	0.285	0.000	0.778	0.447	0.238	-0.208	0.078	0.115
OTU 270	-0.260	0.067	0.216	0.000	0.240	0.113	0.218	0.105	-0.286	0.026

PLEASE TURN THE PAGE

CONTINUATION OF

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COMPUTE CORRELATIONS

	OTU 158	OTU 159	OTU 162	OTU 165	OTU 166	OTU 167	OTU 171	OTU 177	OTU 181	OTU 183
OTU 272	0.240	-0.050	-0.033	0.081	0.206	0.151	0.095	-0.135	-0.008	-0.027
OTU 273	0.152	-0.005	0.026	-0.120	0.130	0.236	-0.125	-0.109	-0.109	-0.136
OTU 274	0.076	-0.170	0.232	0.190	0.311	0.269	0.079	-0.219	-0.119	-0.095
OTU 276	-0.198	-0.158	0.359	-0.098	0.213	0.254	0.231	-0.085	-0.282	-0.183
OTU 280	-0.193	-0.118	-0.083	-0.080	0.326	0.178	0.159	0.163	-0.156	-0.148
OTU 282	-0.126	-0.344	0.278	-0.122	0.035	-0.088	0.168	0.096	-0.119	-0.382
OTU 283	-0.265	0.322	-0.078	0.091	0.291	0.137	0.122	0.127	0.177	0.198
OTU 286	-0.237	0.065	-0.112	-0.189	0.475	0.319	0.262	0.038	0.037	-0.056
OTU 288	0.133	0.289	0.067	0.210	0.311	0.833	0.050	-0.113	-0.017	-0.059
OTU 289	-0.200	-0.189	0.025	-0.215	0.071	0.096	0.103	0.152	-0.286	-0.406
OTU 290	-0.293	-0.095	-0.278	0.021	0.163	0.146	-0.088	0.066	-0.203	-0.007
OTU 295	-0.060	0.189	-0.072	0.245	0.594	0.523	-0.001	0.042	0.072	-0.045
OTU 296	0.105	-0.512	0.026	-0.312	-0.325	-0.384	-0.010	0.053	-0.688	-0.151
OTU 297	0.214	-0.426	-0.083	-0.278	-0.281	-0.380	-0.080	0.011	-0.419	0.009
OTU 298	0.153	-0.150	-0.411	-0.108	-0.212	-0.321	-0.063	0.391	-0.138	0.065
OTU 301	0.208	-0.045	-0.228	-0.129	-0.111	-0.170	-0.090	0.140	-0.205	0.150
OTU 305	0.404	-0.117	0.072	0.112	-0.209	-0.309	-0.173	0.004	-0.153	0.091
OTU 306	0.311	-0.291	0.109	0.188	-0.295	-0.237	-0.267	0.029	-0.215	-0.127
OTU 308	0.195	-0.560	0.138	-0.197	-0.138	-0.187	-0.186	-0.318	-0.252	-0.062
OTU 310	0.277	-0.352	0.045	-0.095	-0.333	-0.386	-0.103	-0.165	-0.267	0.068
OTU 311	0.208	-0.209	-0.085	-0.104	-0.219	-0.071	-0.125	0.000	-0.261	-0.022
OTU 313	0.258	-0.235	0.086	-0.181	-0.462	-0.405	-0.162	-0.073	-0.387	0.092
OTU 314	0.191	-0.940	0.262	-0.013	-0.205	-0.458	-0.079	-0.090	-0.350	-0.303
OTU 316	-0.015	-0.131	0.016	-0.080	-0.869	-0.169	-0.026	0.177	-0.187	0.071
OTU 322	0.134	-0.104	-0.398	-0.072	-0.116	-0.297	-0.093	-0.102	0.159	0.166
OTU 324	-0.181	0.095	-0.334	-0.266	-0.333	-0.399	-0.288	0.332	-0.070	0.245
OTU 326	0.215	-0.298	-0.187	-0.106	-0.268	-0.373	-0.091	-0.151	-0.166	0.103
OTU 327	0.099	-0.267	-0.277	-0.245	0.248	0.010	-0.279	-0.270	-0.311	-0.098
OTU 330	0.150	-0.196	-0.152	-0.227	0.348	0.404	0.150	-0.005	-0.291	0.153
OTU 332	0.160	0.096	-0.226	0.022	-0.185	-0.299	-0.093	0.151	-0.051	0.306
OTU 333	0.227	-0.157	0.005	-0.220	-0.469	-0.321	-0.183	-0.143	-0.402	-0.169
OTU 335	0.469	-0.238	0.220	-0.088	-0.283	-0.116	-0.261	-0.289	-0.090	-0.171
OTU 337	0.268	-0.236	-0.043	0.090	-0.398	-0.211	-0.273	-0.203	-0.191	0.047
OTU 339	0.308	-0.382	-0.091	-0.195	-0.408	-0.406	-0.161	-0.008	-0.280	0.096
OTU 340	0.140	0.073	-0.429	0.010	-0.223	-0.109	-0.203	0.096	-0.077	0.187
OTU 341	0.291	-0.369	-0.072	-0.256	-0.204	-0.309	-0.223	-0.317	-0.330	0.118
OTU 342	0.569	-0.451	0.167	-0.108	-0.406	-0.343	-0.502	-0.201	-0.266	-0.096
OTU 343	0.590	-0.392	0.023	-0.134	-0.423	-0.425	-0.234	-0.255	-0.202	-0.123
OTU 344	0.481	-0.171	0.096	0.117	-0.138	0.014	-0.430	-0.479	0.096	0.031
OTU 345	0.269	-0.109	-0.146	-0.084	-0.231	-0.325	-0.278	-0.117	0.076	0.091

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COMPUTE CORRELATION:

	OTU 186	OTU 187	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 188	0.365	0.016	1.000								
OTU 189	-0.022	0.011	0.129	1.000							
OTU 191	-0.128	0.045	0.084	0.317	1.000						
OTU 194	-0.006	-0.099	-0.152	0.027	-0.188	1.000					
OTU 196	0.426	-0.125	0.309	0.396	0.003	0.268	1.000				
OTU 197	0.075	0.077	0.019	0.376	-0.052	0.266	0.222	1.000			
OTU 199	0.036	-0.176	-0.319	0.436	0.276	-0.267	-0.057	0.561	1.000		
OTU 200	0.273	-0.168	0.110	-0.091	-0.345	-0.047	0.352	0.228	-0.193	1.000	
OTU 202	0.194	-0.028	0.020	-0.155	-0.069	-0.179	0.159	0.092	0.159	-0.062	1.000
OTU 209	-0.171	0.145	0.002	0.255	0.159	0.064	0.320	0.569	0.050	0.072	
OTU 210	-0.092	0.171	-0.026	0.024	-0.054	0.323	0.520	0.634	0.181	0.124	
OTU 212	0.073	0.013	-0.019	-0.132	-0.086	0.259	0.066	-0.037	0.051	0.107	
OTU 213	-0.069	-0.193	-0.045	-0.273	-0.395	-0.164	-0.243	0.062	-0.358	-0.085	
OTU 216	0.116	-0.137	0.017	0.056	-0.263	0.170	-0.011	-0.195	-0.236	-0.065	
OTU 218	0.016	-0.222	-0.106	-0.009	-0.201	-0.041	-0.150	0.024	-0.227	-0.095	
OTU 220	0.349	0.383	0.147	-0.008	0.164	-0.071	0.080	0.013	0.174	0.063	
OTU 227	0.166	0.124	0.237	0.025	0.041	0.133	0.203	0.114	0.097	-0.011	
OTU 229	0.353	0.026	0.154	0.130	0.305	0.142	0.140	0.050	0.124	-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 236	0.121	-0.088	0.091	-0.193	0.180	-0.049	0.225	0.047	0.072	0.300	
OTU 235	0.269	0.032	-0.050	0.035	0.461	-0.069	0.140	0.087	0.268	-0.011	
OTU 238	0.121	0.020	0.220	0.108	0.300	-0.025	0.280	-0.012	0.013	0.338	
OTU 239	-0.016	0.301	-0.045	-0.025	0.116	-0.006	0.041	0.213	0.311	0.000	
OTU 241	-0.376	-0.011	-0.044	0.085	0.169	0.095	0.234	0.106	-0.094	0.060	
OTU 243	0.090	-0.108	0.050	-0.152	0.102	-0.076	0.033	-0.268	0.102	-0.180	
OTU 244	0.174	0.098	0.118	-0.440	0.101	-0.134	0.000	-0.178	-0.067	0.205	
OTU 247	-0.005	-0.027	-0.073	-0.016	0.080	0.105	0.064	-0.030	0.290	0.030	
OTU 251	0.054	0.061	0.044	0.014	0.159	-0.017	0.273	-0.136	0.116	0.188	
OTU 252	0.016	-0.125	-0.021	0.117	0.056	0.123	0.321	-0.095	0.117	0.046	
OTU 254	0.171	-0.099	0.284	-0.008	-0.140	0.101	-0.007	-0.215	-0.103	0.088	
OTU 256	-0.022	-0.002	0.380	0.165	0.201	0.119	0.277	-0.175	0.036	-0.011	
OTU 259	0.277	-0.016	-0.171	-0.184	0.007	0.101	0.175	0.041	0.059	0.602	
OTU 260	0.005	0.007	-0.004	-0.078	0.008	-0.057	-0.010	0.029	-0.060	0.268	
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	0.072	-0.005	-0.380	0.229	-0.335	-0.123	-0.168	0.110	-0.051	
OTU 266	0.212	-0.203	0.151	-0.157	0.063	-0.127	0.028	-0.116	0.006	0.132	
OTU 268	0.119	0.324	0.180	-0.225	-0.193	-0.076	0.020	-0.094	0.074	-0.010	
OTU 270	-0.165	0.224	-0.196	0.009	0.127	0.051	-0.049	0.005	0.333	-0.145	
OTU 272	0.062	-0.052	0.093	-0.156	-0.283	0.023	-0.252	0.025	0.111	0.196	
OTU 273	0.223	0.332	0.010	-0.185	0.209	-0.105	-0.086	-0.165	0.349	-0.029	
OTU 216	0.150	0.015	0.000	0.142	0.550	0.154	-0.044	-0.029	0.478	-0.319	
OTU 278	0.279	0.165	-0.052	0.400	0.111	0.417	0.114	0.188	0.262	-0.038	
OTU 280	-0.051	-0.009	-0.166	-0.207	-0.216	0.226	0.050	-0.213	-0.170	0.105	
OTU 282	-0.307	0.125	-0.308	0.154	-0.065	0.117	0.153	0.305	0.371	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 286	0.231	0.148	0.033	-0.090	0.036	0.044	0.201	0.154	0.101	0.032	
OTU 288	0.084	0.182	-0.031	-0.203	0.143	0.098	-0.159	-0.232	0.008	-0.292	
OTU 289	0.207	0.009	-0.133	-0.107	0.035	0.219	0.441	-0.073	0.134	0.171	

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CONTINUATION OF

1-MINUTE CORRELATIONS

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	OTU 186	OTU 187	OTU 189	OTU 191	OTU 194	OTU 196	OTU 197	OTU 199	OTU 200	OTU 202
OTU 182	-0.205	-0.053	-0.417	-0.435	-0.045	-0.024	-0.415	-0.292	-0.019	-0.097
OTU 295	0.021	0.048	0.049	-0.250	-0.078	0.126	-0.102	-0.217	-0.094	0.027
OTU 296	-0.456	0.016	-0.231	0.191	-0.136	0.419	-0.269	0.232	-0.348	-0.318
OTU 297	-0.433	0.007	-0.646	-0.051	-0.096	0.074	-0.380	0.081	0.196	-0.268
OTU 298	-0.234	-0.122	-0.268	-0.257	-0.248	-0.199	-0.415	0.208	-0.244	0.009
OTU 301	0.181	-0.051	-0.169	-0.385	-0.236	-0.158	-0.153	0.051	-0.539	-0.069
OTU 305	-0.252	-0.085	-0.170	-0.198	-0.200	-0.118	-0.477	-0.147	-0.099	-0.151
OTU 306	-0.162	-0.239	-0.203	-0.059	-0.258	0.111	-0.406	0.036	0.056	-0.230
OTU 308	0.069	-0.193	0.096	0.181	-0.272	0.253	0.072	0.155	0.483	-0.209
OTU 310	-0.117	-0.113	-0.293	0.050	0.028	0.015	-0.137	-0.038	0.149	-0.376
OTU 311	0.029	-0.325	-0.137	-0.231	-0.260	0.161	-0.058	-0.128	-0.177	-0.039
OTU 313	-0.170	-0.069	-0.180	0.094	-0.172	0.161	-0.509	0.084	0.094	-0.211
OTU 314	-0.327	-0.136	-0.203	0.199	0.004	0.159	-0.210	0.162	0.401	-0.196
OTU 316	-0.287	-0.158	0.162	0.281	-0.018	0.293	-0.063	0.154	0.014	-0.232
OTU 322	-0.127	-0.191	-0.056	-0.193	0.046	-0.255	-0.217	-0.284	-0.260	0.012
OTU 324	-0.266	-0.408	-0.227	-0.208	-0.431	-0.015	-0.282	-0.082	-0.304	0.211
OTU 326	-0.278	-0.109	-0.196	0.077	-0.181	0.235	-0.169	0.192	-0.045	-0.327
OTU 327	-0.011	0.028	-0.158	-0.786	-0.325	0.340	-0.214	-0.130	0.021	-0.075
OTU 330	-0.177	-0.050	-0.294	-0.181	-0.281	-0.001	-0.206	0.318	-0.159	-0.020
OTU 332	-0.060	-0.180	0.001	-0.211	-0.397	-0.046	-0.205	0.125	-0.417	0.092
OTU 333	-0.224	-0.210	-0.311	0.103	-0.190	0.264	-0.146	0.014	0.153	-0.464
OTU 334	0.272	-0.202	0.093	-0.021	-0.347	0.083	0.069	0.091	0.061	-0.068
OTU 337	-0.266	-0.124	-0.070	0.157	-0.081	0.221	-0.354	0.008	0.014	-0.349
OTU 339	-0.211	-0.206	-0.283	0.108	-0.406	0.187	-0.239	0.112	-0.040	-0.046
OTU 340	-0.012	-0.262	-0.088	-0.149	-0.306	-0.101	-0.325	0.060	-0.294	0.028
OTU 341	-0.036	-0.281	-0.168	-0.061	-0.284	0.170	-0.103	0.143	0.006	-0.140
OTU 342	-0.107	-0.195	-0.300	-0.061	-0.277	0.157	-0.322	-0.025	0.153	-0.444
OTU 343	-0.037	-0.207	-0.191	-0.059	-0.160	0.038	-0.339	-0.022	0.097	-0.286
OTU 344	-0.051	-0.084	0.060	0.108	-0.158	0.085	-0.320	-0.099	0.168	-0.170
OTU 345	-0.006	-0.280	-0.106	0.025	-0.021	-0.031	-0.135	-0.101	-0.069	-0.217

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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	0.178	1.000								
OTU 210	-0.271	0.266	1.000							
OTU 212	-0.020	0.010	-0.033	1.000						
OTU 213	136	-0.074	-0.158	-0.217	1.000					
OTU 216	52	-0.121	-0.017	-0.051	0.369	1.000				
OTU 218	10	-0.099	-0.02	-0.191	0.618	0.482	1.000			
OTU 220	0.051	-0.091	-0.076	0.412	-0.293	-0.198	-0.508	1.000		
OTU 227	-0.263	0.139	0.030	0.107	-0.113	-0.369	-0.604	0.252	1.000	
OTU 229	0.151	-0.025	-0.027	0.289	-0.230	-0.109	-0.181	0.462	0.204	1.000
OTU 231	0.068	0.009	-0.05	0.220	-0.086	-0.280	-0.587	0.428	0.352	0.181
OTU 233	0.162	0.231	0.003	0.284	-0.483	-0.446	-0.482	0.315	0.506	0.462
OTU 235	0.131	0.257	-0.009	0.251	-0.453	-0.270	-0.275	0.449	0.419	0.254
OTU 236	-0.105	0.031	0.159	0.178	-0.566	-0.360	-0.570	0.432	0.206	0.425
OTU 239	0.218	0.047	0.286	0.300	-0.353	-0.550	-0.357	0.405	0.525	0.371
OTU 241	-0.015	0.436	0.235	0.010	-0.205	-0.377	-0.226	-0.048	0.161	0.092
OTU 243	0.212	-0.099	-0.265	0.411	-0.131	-0.210	-0.501	0.140	0.361	0.234
OTU 244	0.255	0.097	-0.240	0.326	-0.238	-0.370	-0.546	0.575	0.270	0.420
OTU 247	0.039	-0.076	0.037	0.386	-0.495	-0.187	-0.530	0.319	0.124	0.120
OTU 251	0.098	0.078	0.088	0.381	-0.651	-0.337	-0.724	0.457	0.293	0.319
OTU 252	0.117	0.057	0.032	0.010	-0.292	-0.129	-0.230	0.008	0.315	0.133
OTU 254	0.209	-0.152	-0.111	0.407	-0.300	-0.017	-0.244	0.286	0.336	0.508
OTU 256	0.015	0.098	0.062	0.334	-0.641	-0.362	-0.638	0.000	0.374	0.364
OTU 259	-0.051	0.009	-0.037	0.030	-0.192	-0.171	-0.186	0.170	0.021	0.328
OTU 260	-0.175	-0.213	-0.061	0.108	-0.537	-0.096	-0.404	0.351	0.073	0.315
OTU 262	0.061	0.197	0.073	0.173	-0.035	-0.156	-0.171	0.018	-0.086	0.090
OTU 264	0.151	0.046	-0.085	0.266	-0.182	-0.368	-0.303	0.174	-0.032	0.067
OTU 266	0.368	-0.119	-0.373	0.145	-0.222	-0.362	-0.266	0.283	0.281	0.235
OTU 268	0.246	-0.115	-0.070	0.037	-0.234	-0.312	-0.523	0.080	0.353	0.232
OTU 270	-0.156	0.067	0.059	0.038	-0.303	-0.290	-0.398	0.393	0.232	-0.009
OTU 272	0.480	0.117	-0.092	0.218	-0.183	-0.257	-0.266	0.076	0.302	-0.016
OTU 273	0.073	-0.196	-0.078	0.061	-0.407	-0.176	-0.417	0.348	0.016	0.295
OTU 276	0.114	-0.216	-0.230	0.299	-0.440	-0.302	-0.463	0.536	0.780	0.613
OTU 278	0.173	0.176	0.218	0.182	-0.503	-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	0.201	0.218
OTU 282	0.329	0.390	0.433	0.184	-0.200	-0.506	-0.115	0.024	0.195	0.063
OTU 283	-0.027	-0.124	-0.117	0.255	-0.406	-0.193	-0.493	0.493	0.081	0.198
OTU 286	0.221	0.272	-0.019	0.488	-0.362	-0.356	-0.517	0.753	0.350	0.367
OTU 288	0.251	-0.238	-0.399	0.199	-0.265	-0.263	-0.280	0.429	0.294	0.479
OTU 289	0.197	0.281	0.363	0.094	-0.248	-0.302	-0.093	0.070	0.206	0.209
OTU 292	0.131	-0.155	-0.296	0.330	-0.065	-0.062	-0.205	0.176	0.018	0.062
OTU 295	0.259	-0.012	-0.222	0.474	-0.370	-0.299	-0.44	0.435	0.462	0.327
OTU 296	-0.208	0.141	0.317	-0.072	0.119	0.207	0.339	-0.326	-0.282	-0.294
OTU 297	-0.065	0.028	-0.028	-0.048	0.675	0.082	0.251	-0.180	-0.398	-0.316
OTU 298	0.048	0.191	-0.116	0.033	0.678	0.163	0.682	-0.605	-0.195	-0.231
OTU 301	-0.037	-0.053	-0.168	-0.134	0.672	0.105	0.665	-0.195	-0.212	-0.193
OTU 305	0.090	-0.283	-0.268	-0.208	0.562	0.199	0.517	-0.361	-0.334	-0.409
OTU 306	0.11	-0.244	-0.260	-0.128	0.495	0.216	0.691	-0.493	-0.213	-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	0.335	0.550	-0.353	-0.366	-0.383

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	OTU 206	OTU 205	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	0.626	0.152	0.448	-0.417	-0.287	-0.316
OTU 312	-0.216	-0.187	0.000	-0.238	0.513	0.443	0.555	-0.431	-0.483	-0.461
OTU 314	-0.072	0.056	0.128	-0.317	0.067	0.034	0.171	-0.390	-0.172	-0.256
OTU 316	-0.318	-0.041	0.128	-0.278	0.308	0.299	0.496	-0.501	-0.312	-0.275
OTU 322	-0.226	-0.122	-0.163	-0.093	0.431	0.256	0.364	-0.204	-0.501	-0.270
OTU 324	-0.223	-0.039	-0.019	-0.512	0.339	0.170	0.485	-0.170	-0.462	-0.406
OTU 326	-0.249	0.110	0.193	-0.221	0.529	0.398	0.620	-0.592	-0.243	-0.256
OTU 327	-0.270	-0.201	0.057	0.265	0.309	0.461	0.179	0.003	-0.513	-0.015
OTU 330	-0.200	0.195	0.120	-0.146	0.665	0.230	0.595	-0.421	-0.347	-0.350
OTU 332	-0.010	-0.016	-0.126	-0.317	0.775	0.402	0.567	-0.422	-0.278	-0.330
OTU 313	-0.179	-0.068	0.099	-0.089	0.409	0.417	0.521	-0.469	-0.302	-0.307
OTU 336	0.097	-0.240	0.020	-0.123	0.457	0.232	0.566	-0.443	-0.268	-0.180
OTU 337	-0.147	-0.240	-0.100	-0.290	0.510	0.448	0.513	-0.536	-0.482	-0.296
OTU 339	-0.158	-0.182	0.031	-0.218	0.653	0.582	0.511	-0.382	-0.516	-0.290
OTU 340	-0.033	-0.139	-0.171	-0.308	0.692	0.527	0.551	-0.367	-0.148	-0.351
OTU 341	-0.230	-0.127	0.044	0.049	0.263	0.501	0.478	-0.281	-0.354	-0.273
OTU 342	0.104	-0.241	-0.211	-0.095	0.498	0.351	0.510	-0.173	-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	-0.008	-0.392	-0.215	-0.013	0.318	0.399	0.302	-0.270	-0.317	-0.326
OTU 345	-0.058	-0.287	-0.194	-0.321	0.553	0.430	0.510	-0.384	-0.411	-0.301

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COMPUTE CORRELATIONS

	DTU 231	DTU 234	DTU 235	DTU 236	DTU 239	DTU 241	DTU 243	DTU 244	DTU 247	DTU 251
DTU 231	1.000									
DTU 234	0.907	1.000								
DTU 235	0.888	0.927	1.000							
DTU 236	0.614	0.539	0.881	1.000						
DTU 239	0.804	0.596	0.581	0.446	1.000					
DTU 241	0.174	0.372	0.279	0.427	0.379	1.000				
DTU 243	0.613	0.491	0.520	0.441	0.476	0.249	1.000			
DTU 244	0.526	0.694	0.398	0.864	0.444	0.266	0.517	1.000		
DTU 247	0.310	0.350	0.404	0.425	0.405	0.275	0.718	0.346	1.000	
DTU 251	0.651	0.567	0.373	0.657	0.405	0.281	0.332	0.126	0.737	1.000
DTU 252	0.300	0.284	0.122	0.088	0.193	0.070	0.076	0.106	0.093	0.295
DTU 253	0.355	0.289	0.301	0.319	0.213	-0.008	0.396	0.298	0.360	0.208
DTU 254	0.102	0.405	0.338	0.567	0.345	0.241	0.468	0.514	0.305	0.628
DTU 255	0.054	0.379	0.286	0.238	0.108	0.249	0.082	0.355	0.189	0.305
DTU 256	-0.219	0.373	0.276	0.580	0.210	0.167	0.228	0.279	0.317	0.564
DTU 257	0.083	0.360	0.202	0.091	0.159	-0.010	0.016	0.241	0.079	0.175
DTU 258	0.348	0.252	0.333	0.295	0.438	0.144	0.549	0.425	0.537	0.267
DTU 259	0.250	0.311	0.338	0.340	0.181	0.253	0.390	0.353	0.161	0.400
DTU 260	0.150	0.371	-0.003	0.256	0.309	0.002	0.295	0.379	0.329	0.403
DTU 270	0.194	0.198	0.165	0.121	0.316	0.146	0.066	0.262	0.066	0.147
DTU 272	0.148	0.276	0.133	0.108	0.288	-0.013	0.211	0.177	0.242	0.306
DTU 273	0.399	0.302	0.456	0.388	0.341	-0.128	0.445	0.476	0.382	0.481
DTU 275	0.519	0.210	0.578	0.380	0.303	-0.096	0.442	0.344	0.450	0.389
DTU 276	0.267	0.206	0.406	0.201	0.302	0.076	0.234	0.149	0.338	0.374
DTU 280	0.434	0.400	0.166	0.384	0.368	0.375	0.262	0.403	0.126	0.346
DTU 282	0.142	0.223	0.131	0.149	0.498	0.349	0.156	0.099	0.239	0.349
DTU 283	0.607	0.306	0.399	0.376	0.246	0.143	0.321	0.582	0.293	0.370
DTU 286	0.362	0.637	0.460	0.372	0.386	0.279	0.457	0.710	0.378	0.561
DTU 288	0.285	0.258	0.310	0.223	0.197	-0.044	0.170	0.399	0.137	0.370
DTU 289	0.341	0.417	0.196	0.313	0.154	0.271	0.324	0.132	0.152	0.372
DTU 292	0.187	0.083	0.225	-0.020	0.172	-0.182	0.314	0.295	0.196	0.092
DTU 295	0.454	0.425	0.299	0.306	0.469	-0.099	0.449	0.516	0.330	0.442
DTU 296	-0.313	-0.404	-0.217	-0.478	-0.084	-0.071	-0.365	-0.410	-0.208	-0.505
DTU 297	-0.307	-0.393	-0.153	-0.231	-0.183	-0.158	-0.326	-0.273	-0.322	-0.348
DTU 298	-0.191	-0.192	-0.192	-0.481	-0.052	0.014	-0.305	-0.131	-0.403	-0.545
DTU 301	-0.426	-0.275	-0.221	-0.074	-0.548	-0.387	-0.429	-0.149	-0.579	-0.635
DTU 305	-0.475	-0.365	-0.471	-0.473	-0.299	-0.205	-0.337	-0.422	-0.372	-0.591
DTU 306	-0.403	-0.355	-0.504	-0.504	-0.299	-0.219	-0.348	-0.408	-0.215	-0.591
DTU 308	-0.497	-0.439	-0.382	-0.349	-0.249	-0.205	-0.348	-0.408	-0.215	-0.591
DTU 310	-0.414	-0.338	-0.428	-0.630	-0.408	-0.379	-0.493	-0.233	-0.492	-0.612
DTU 311	-0.370	-0.401	-0.457	-0.515	-0.489	-0.358	-0.518	-0.275	-0.475	-0.572
DTU 313	-0.620	-0.696	-0.494	-0.607	-0.549	-0.353	-0.516	-0.371	-0.453	-0.639
DTU 314	-0.219	-0.231	-0.085	-0.196	0.110	0.035	0.089	-0.363	0.271	-0.267
DTU 315	-0.466	-0.504	-0.365	-0.183	-0.396	-0.139	-0.314	-0.503	-0.392	-0.578
DTU 322	-0.137	-0.237	-0.271	-0.325	-0.323	-0.240	-0.136	-0.266	-0.136	-0.454
DTU 324	-0.419	-0.420	-0.408	-0.263	-0.327	-0.065	-0.340	-0.151	-0.409	-0.466
DTU 325	-0.489	-0.489	-0.489	-0.489	-0.489	-0.489	-0.489	-0.489	-0.489	-0.489
DTU 327	-0.043	-0.082	-0.086	-0.111	-0.068	-0.016	0.016	0.090	0.067	-0.174
DTU 330	-0.556	-0.631	-0.421	-0.499	-0.237	-0.235	-0.499	-0.446	-0.448	-0.610
DTU 332	-0.477	-0.409	-0.313	-0.469	-0.511	-0.304	-0.456	-0.300	-0.563	-0.587

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	OTU 231	OTU 234	OTU 235	OTU 236	OTU 239	OTU 241	OTU 243	OTU 248	OTU 247	OTU 251
OTU 333	-0.467	-0.226	-0.456	-0.600	-0.396	-0.206	-0.485	-0.581	-0.382	-0.403
OTU 336	-0.607	-0.327	-0.389	-0.336	-0.339	-0.347	-0.360	-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	-0.565	-0.597	-0.263	-0.525	-0.517	-0.338	-0.607
OTU 340	-0.406	-0.597	-0.497	-0.441	-0.534	-0.308	-0.397	-0.290	-0.478	-0.566
OTU 341	-0.411	-0.536	-0.433	-0.528	-0.494	-0.470	-0.366	-0.699	-0.259	-0.442
OTU 342	-0.486	-0.408	-0.294	-0.526	-0.311	-0.138	-0.275	-0.506	-0.223	-0.465
OTU 343	-0.506	-0.490	-0.294	-0.350	-0.416	-0.269	-0.349	-0.586	-0.275	-0.629
OTU 344	-0.299	-0.494	-0.479	-0.451	-0.490	-0.367	-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

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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	0.145	1.000								
DTU 256	0.331	0.471	1.000							
DTU 259	0.190	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	0.009	0.011	0.213	0.060	0.098	0.316	1.000			
DTU 266	0.158	0.509	0.338	0.398	0.174	-0.045	0.144	1.000		
DTU 268	0.170	0.280	0.303	0.218	0.168	0.195	0.203	0.166	1.000	
DTU 270	0.109	-0.225	0.243	0.198	0.167	-0.042	0.130	0.076	0.332	1.000
DTU 252	0.057	0.480	0.044	0.255	0.089	0.293	0.023	0.279	0.186	-0.128
DTU 273	0.063	0.210	0.373	0.174	0.000	0.291	0.222	0.134	0.278	0.278
DTU 276	0.136	0.290	0.463	0.144	0.281	-0.033	0.339	0.326	0.216	0.229
DTU 278	0.255	0.177	0.292	0.218	0.005	0.027	-0.034	0.122	0.302	0.295
DTU 280	0.088	0.352	0.233	0.399	0.125	0.267	-0.059	0.223	0.294	0.010
DTU 282	0.111	0.145	0.198	0.151	0.072	0.185	0.128	0.108	0.150	0.253
DTU 283	0.023	-0.075	0.037	0.208	-0.238	0.304	0.278	0.278	0.296	0.378
DTU 286	0.238	0.383	0.493	0.877	0.173	0.455	0.189	0.306	0.452	0.172
DTU 288	0.240	-0.509	0.352	0.382	0.420	0.072	0.127	0.485	0.366	-0.211
DTU 289	0.260	0.175	0.316	0.379	0.052	0.275	0.232	0.192	0.076	-0.630
DTU 292	0.117	0.341	0.141	-0.069	0.135	-0.011	0.231	0.169	0.041	0.076
DTU 295	0.311	0.538	0.546	-0.011	0.232	0.099	0.304	0.296	0.379	0.296
DTU 296	-0.059	-0.376	-0.369	-0.176	-0.303	-0.115	-0.173	-0.438	-0.258	0.156
DTU 297	-0.090	-0.473	-0.429	-0.250	-0.137	-0.070	-0.117	-0.338	-0.277	0.159
DTU 298	-0.191	-0.311	-0.240	-0.090	-0.287	-0.017	-0.065	-0.194	-0.106	-0.052
DTU 301	-0.108	-0.426	-0.522	0.030	0.354	0.099	-0.132	-0.210	-0.253	-0.094
DTU 305	-0.293	-0.405	-0.639	-0.492	-0.335	-0.329	-0.116	-0.267	-0.204	-0.154
DTU 306	-0.286	-0.187	-0.638	-0.316	-0.248	-0.284	-0.140	-0.123	-0.400	-0.301
DTU 308	-0.144	-0.267	-0.472	-0.052	-0.392	-0.053	-0.197	-0.275	-0.258	-0.189
DTU 310	-0.339	-0.341	-0.535	-0.314	-0.408	-0.095	-0.108	-0.463	-0.341	-0.025
DTU 311	-0.098	-0.344	-0.408	-0.131	-0.338	-0.025	-0.231	-0.184	-0.318	-0.212
DTU 312	-0.293	-0.478	-0.620	-0.291	-0.333	-0.215	-0.234	-0.372	-0.406	-0.079
DTU 314	-0.187	-0.348	-0.511	-0.417	-0.155	-0.176	-0.222	-0.173	-0.584	-0.045
DTU 316	-0.054	-0.435	-0.308	-0.153	-0.401	-0.098	-0.224	-0.442	-0.255	-0.094
DTU 322	-0.295	-0.388	-0.561	-0.301	-0.288	-0.351	-0.037	-0.319	-0.369	-0.114
DTU 324	-0.337	-0.383	-0.466	-0.281	-0.178	-0.283	-0.102	-0.231	-0.325	-0.046
DTU 326	-0.129	-0.322	-0.547	-0.190	-0.406	0.013	-0.308	-0.475	-0.354	-0.206
DTU 327	0.017	-0.003	-0.188	0.101	-0.175	0.161	0.020	-0.320	0.116	-0.018
DTU 330	-0.228	-0.462	-0.607	-0.112	-0.367	0.126	-0.140	-0.348	-0.343	-0.162
DTU 332	-0.287	-0.213	0.313	-0.117	-0.283	0.020	-0.239	-0.194	-0.191	-0.311
DTU 333	-0.211	-0.295	-0.510	-0.183	-0.262	-0.200	-0.317	-0.291	-0.418	-0.120
DTU 336	-0.271	-0.198	-0.590	-0.133	-0.314	0.012	-0.152	-0.145	-0.294	-0.367
DTU 337	-0.377	-0.323	-0.516	-0.215	-0.298	-0.113	-0.315	-0.372	-0.326	-0.272
DTU 339	-0.332	-0.367	-0.589	-0.261	-0.162	-0.215	-0.336	-0.482	-0.340	-0.131
DTU 340	-0.245	-0.256	-0.515	-0.179	-0.250	-0.122	-0.280	-0.281	-0.249	-0.258
DTU 341	-0.272	-0.308	-0.543	-0.247	-0.324	-0.028	-0.278	-0.462	-0.261	-0.282
DTU 342	-0.228	-0.198	-0.621	-0.172	-0.169	-0.152	-0.291	-0.159	-0.418	-0.283
DTU 343	-0.232	-0.305	-0.644	-0.164	-0.316	-0.025	-0.187	-0.165	-0.493	-0.278
DTU 348	-0.248	-0.215	-0.577	-0.263	-0.205	-0.103	-0.245	-0.275	-0.241	-0.256
DTU 349	-0.308	-0.375	-0.564	-0.046	-0.207	-0.156	-0.202	-0.177	-0.438	-0.286

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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	0.334	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	0.004	0.377	1.000				
OTU 283	-0.098	0.282	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	0.259	0.272	0.174	0.069	0.221	0.322	1.000	
OTU 289	0.107	0.359	0.138	0.458	0.464	0.440	-0.115	0.359	0.239	1.000
OTU 292	0.410	0.221	0.259	0.021	0.201	0.006	0.230	0.203	0.423	0.057
OTU 295	0.390	0.133	0.450	-0.273	0.293	0.082	0.314	0.448	0.547	0.234
OTU 296	-0.136	-0.186	-0.131	-0.009	-0.088	0.307	-0.371	-0.349	-0.339	-0.035
OTU 297	-0.158	-0.179	-0.104	-0.182	-0.188	0.149	-0.114	-0.115	-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	-0.189	-0.327	-0.351	-0.170	-0.414	-0.322	-0.268	-0.091	-0.041
OTU 305	-0.076	-0.255	-0.294	-0.434	-0.271	-0.216	-0.125	-0.689	-0.202	-0.171
OTU 306	0.081	-0.297	-0.167	-0.229	-0.273	-0.083	-0.402	-0.613	-0.101	-0.250
OTU 308	-0.167	-0.266	-0.256	-0.186	-0.279	-0.134	-0.567	-0.541	-0.313	-0.174
OTU 310	-0.321	-0.189	-0.103	-0.151	-0.113	-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	-0.556	-0.575	-0.287	-0.260
OTU 314	-0.004	-0.057	0.003	-0.062	-0.311	0.206	-0.020	-0.448	-0.633	-0.188
OTU 316	-0.449	-0.404	-0.310	-0.291	-0.304	-0.120	-0.354	-0.507	-0.355	-0.288
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	-0.569	-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	-0.176	-0.410	-0.399	-0.340	-0.273
OTU 332	-0.068	-0.521	-0.503	-0.490	-0.078	-0.259	-0.445	-0.321	-0.221	-0.231
OTU 333	-0.161	-0.307	-0.234	-0.172	-0.213	0.047	-0.473	-0.533	-0.188	-0.194
OTU 336	-0.094	-0.221	-0.276	-0.230	-0.345	-0.179	-0.394	-0.508	-0.267	-0.169
OTU 337	-0.230	-0.368	-0.228	-0.305	-0.121	-0.491	-0.553	-0.185	-0.318	-0.300
OTU 339	-0.268	-0.392	-0.291	-0.308	-0.312	-0.151	-0.388	-0.461	-0.289	-0.348
OTU 340	-0.094	-0.428	-0.480	-0.466	-0.141	-0.420	-0.340	-0.369	-0.297	-0.300
OTU 341	-0.020	-0.320	-0.226	-0.212	-0.284	-0.275	-0.338	-0.415	-0.161	-0.409
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	-0.201	-0.342	-0.263	-0.177	-0.483	-0.577	-0.235	-0.258
OTU 344	0.114	-0.095	-0.092	-0.182	-0.177	-0.287	-0.159	-0.408	-0.163	-0.351
OTU 345	-0.359	-0.314	-0.221	-0.294	-0.431	-0.351	-0.288	-0.497	-0.117	-0.231

IDENTIFICATION:

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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	-0.266	0.415	0.946	1.000					
OTU 301	0.055	-0.514	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	0.002	-0.226	0.382	0.365	0.550	0.401	0.789	1.000		
OTU 308	-0.348	-0.498	0.430	0.165	0.173	0.027	0.409	0.476	1.000	
OTU 310	-0.092	-0.416	0.574	0.773	0.602	0.484	0.513	0.611	0.611	1.000
OTU 311	-0.016	-0.226	0.587	0.499	0.400	0.579	0.551	0.499	0.361	0.639
OTU 313	-0.088	-0.496	0.655	0.522	0.217	0.025	0.636	0.593	0.652	0.764
OTU 314	-0.108	-0.288	0.502	0.367	0.087	-0.117	0.487	0.505	0.407	0.767
OTU 316	-0.484	-0.408	0.417	0.295	0.159	0.244	0.416	0.382	0.655	0.492
OTU 322	0.054	-0.508	0.178	0.417	0.405	0.393	0.507	0.343	0.166	0.953
OTU 326	0.047	-0.230	0.172	0.480	0.278	0.451	0.551	0.292	0.167	0.412
OTU 327	-0.021	-0.159	0.441	0.492	0.478	0.328	0.423	0.451	0.688	0.639
OTU 327	0.054	0.021	0.359	0.255	0.259	0.306	0.156	0.056	0.412	0.194
OTU 330	-0.002	-0.335	0.533	0.593	0.708	0.697	0.433	0.393	0.583	0.602
OTU 332	-0.011	-0.267	0.572	0.512	0.536	0.601	0.380	0.382	0.403	0.406
OTU 333	-0.095	-0.444	0.684	0.652	0.383	0.368	0.539	0.602	0.691	0.732
OTU 336	-0.353	-0.460	0.175	0.094	0.202	0.410	0.509	0.607	0.789	0.505
OTU 337	-0.202	-0.421	0.466	0.405	0.243	0.316	0.548	0.601	0.593	0.606
OTU 339	-0.062	-0.463	0.666	0.640	0.332	0.381	0.469	0.476	0.505	0.637
OTU 340	0.007	-0.303	0.291	0.329	0.293	0.620	0.406	0.376	0.383	0.404
OTU 341	-0.019	-0.362	0.456	0.522	0.366	0.452	0.487	0.671	0.666	0.687
OTU 342	-0.035	-0.439	0.602	0.533	0.376	0.325	0.735	0.700	0.517	0.553
OTU 343	-0.095	-0.484	0.457	0.447	0.447	0.483	0.679	0.735	0.696	0.701
OTU 344	-0.043	-0.205	0.239	0.135	0.105	0.254	0.626	0.561	0.549	0.562
OTU 345	-0.213	-0.488	0.194	0.373	0.257	0.435	0.506	0.519	0.458	0.664

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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	0.286	0.493	1.000						
OTU 322	0.360	0.187	0.214	0.316	1.000					
OTU 324	0.184	0.045	0.085	0.309	0.521	1.000				
OTU 326	0.475	0.250	0.278	0.619	0.334	0.374	1.000			
OTU 327	0.296	0.184	0.177	0.384	0.366	0.337	0.393	1.000		
OTU 330	0.440	0.617	0.206	0.451	0.423	0.269	0.797	0.364	1.000	
OTU 332	0.527	0.573	-0.101	0.344	0.394	0.526	0.656	0.296	0.759	1.000
OTU 313	0.527	0.768	0.413	0.464	0.243	0.308	0.700	0.289	0.544	0.400
OTU 316	0.452	0.517	0.364	0.410	0.187	0.088	0.479	0.140	0.130	0.315
OTU 322	0.558	0.785	0.309	0.694	0.272	0.391	0.694	0.269	0.533	0.685
OTU 324	0.466	0.218	0.327	0.501	0.410	0.523	0.720	0.352	0.605	0.651
OTU 326	0.484	0.439	-0.032	0.322	0.318	0.470	0.580	0.357	0.625	0.771
OTU 327	0.494	0.542	0.379	0.388	0.392	0.310	0.685	0.442	0.645	0.495
OTU 330	0.579	0.647	0.240	0.398	0.266	0.294	0.513	0.195	0.340	0.296
OTU 332	0.605	0.684	0.507	0.493	0.443	0.211	0.648	0.287	0.549	0.639
OTU 313	0.416	0.524	0.368	0.387	0.310	0.171	0.413	0.213	0.126	0.330
OTU 316	0.599	0.637	0.065	0.492	0.257	0.321	0.448	0.056	0.375	0.446

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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	0.486	0.485	1.000							
OTU 339	0.747	0.358	0.770	1.000						
OTU 340	0.819	0.366	0.579	0.662	1.000					
OTU 341	0.712	0.556	0.574	0.697	0.582	1.000				
OTU 342	0.732	0.647	0.590	0.597	0.245	0.345	1.000			
OTU 343	0.705	0.767	0.664	0.625	0.404	0.659	0.894	1.000		
OTU 344	0.509	0.588	0.616	0.573	0.478	0.672	0.579	0.635	1.000	
OTU 345	0.577	0.521	0.703	0.613	0.517	0.472	0.482	0.390	0.481	1.000

APPENDIX IIC

Matrix of Euclidean Distance
Values for 150 Female OTUs

IDENTIFICATION:

PAGE 1

COMPUTE EUCLIDEAN DISTANCE

	OTU 039	OTU 042	OTU 043	OTU 045	OTU 0	OTU 049	OTU 050	OTU 057	OTU 054	OTU 057
OTU 039	0.000									
OTU 042	10.216	0.000								
OTU 043	11.099	9.820	0.000							
OTU 045	12.752	10.087	9.827	0.000						
OTU 0	12.102	9.551	9.522	7.405	0.000					
OTU 049	12.330	11.301	9.220	9.271	8.686	0.000				
OTU 050	12.619	8.357	10.174	9.227	8.939	0.000	0.000			
OTU 057	12.396	10.925	10.400	8.365	8.159	7.581	10.336	0.000		
OTU 054	12.794	8.448	10.457	8.880	7.200	8.200	8.258	8.681	0.000	
OTU 057	12.796	7.944	8.947	9.148	9.002	9.519	9.031	9.080	8.710	0.000
OTU 059	12.389	7.007	8.534	8.704	7.645	9.006	8.161	8.552	8.687	7.556
OTU 060	12.691	9.213	9.409	8.769	8.770	9.324	8.872	9.157	9.030	8.710
OTU 061	11.769	10.470	9.535	10.568	8.688	9.085	8.918	9.300	9.255	8.095
OTU 064	11.005	9.661	8.827	9.014	8.108	9.219	9.240	9.891	7.473	9.204
OTU 066	13.395	8.819	9.634	7.205	7.507	9.596	7.177	9.165	7.768	7.104
OTU 068	12.202	10.166	8.533	8.007	7.674	7.368	8.078	7.766	8.731	7.815
OTU 070	10.746	11.425	7.277	9.913	10.328	9.919	9.327	9.446	9.952	7.927
OTU 071	12.047	10.065	8.290	8.564	8.174	9.628	9.453	8.612	7.888	6.940
OTU 076	9.337	9.433	7.860	10.466	9.523	10.389	8.712	9.930	8.598	6.709
OTU 077	11.556	11.987	9.098	13.086	9.952	12.260	10.765	12.319	12.148	9.495
OTU 079	10.256	9.389	8.059	10.075	8.241	9.621	8.346	9.780	9.642	6.995
OTU 080	9.849	8.991	7.156	9.207	9.040	10.173	9.822	9.312	9.691	6.629
OTU 083	10.915	9.006	8.734	7.722	9.174	7.686	8.222	7.728	7.820	7.262
OTU 085	10.079	8.272	8.410	9.732	8.659	9.052	8.113	9.073	7.379	6.420
OTU 086	12.428	9.503	7.059	9.925	7.903	8.600	8.364	9.215	8.343	6.343
OTU 089	10.466	12.766	8.520	13.819	11.276	10.462	11.581	12.251	13.407	10.676
OTU 090	8.532	11.172	8.950	13.492	10.320	10.951	11.686	11.996	10.722	10.203
OTU 091	9.363	11.702	6.729	10.371	8.811	10.959	11.062	10.551	11.240	9.163
OTU 093	10.559	10.176	11.332	8.283	9.844	11.603	9.787	10.387	10.665	9.720
OTU 094	9.597	12.093	9.162	12.467	10.999	12.104	12.500	12.012	15.016	11.637
OTU 097	11.203	13.224	9.143	14.485	11.759	13.188	12.750	14.628	13.378	11.670
OTU 100	11.960	9.351	7.940	8.361	8.938	8.998	8.082	8.919	6.775	7.204
OTU 102	8.237	12.048	8.587	11.361	9.262	11.700	10.260	11.594	11.377	11.585
OTU 104	11.981	10.165	9.635	8.597	7.603	8.695	7.663	8.795	7.660	7.660
OTU 106	12.930	10.309	11.480	9.133	7.667	9.552	9.031	9.163	10.551	9.244
OTU 108	11.230	11.254	6.797	10.913	10.091	9.491	9.431	9.397	10.916	7.996
OTU 110	12.449	8.237	7.786	8.037	7.799	7.985	7.985	8.290	6.900	6.427
OTU 112	13.799	10.551	12.827	9.799	9.469	11.414	11.331	10.843	10.480	10.794
OTU 114	13.465	7.636	9.362	7.631	7.039	8.433	7.121	8.613	8.502	7.644
OTU 115	12.473	8.140	8.200	10.960	8.957	8.595	8.018	9.200	7.068	6.592
OTU 116	12.477	14.244	13.016	14.666	12.584	14.409	13.328	13.788	13.262	12.333
OTU 119	12.040	12.111	8.511	13.749	11.495	12.482	12.766	12.482	12.487	12.485
OTU 122	7.368	14.601	8.207	13.049	12.050	12.119	12.866	12.852	13.302	12.589
OTU 123	12.561	13.999	10.374	10.876	11.371	12.574	12.574	12.154	14.222	12.458
OTU 127	10.102	9.965	8.974	10.179	9.573	11.066	8.943	10.821	9.489	8.931
OTU 129	11.611	9.084	10.260	8.997	8.768	10.005	8.197	9.013	6.697	7.102
OTU 130	9.206	9.022	10.627	9.609	7.052	9.475	7.709	7.377	7.721	7.721
OTU 132	10.156	8.247	8.799	9.704	7.066	10.702	9.371	10.059	8.549	7.796
OTU 135	12.232	10.231	11.439	9.942	9.277	9.722	8.311	9.374	9.199	8.320
OTU 136	12.408	8.492	10.190	10.227	8.140	9.438	6.085	8.975	6.163	8.193

PLEASE TURN THE PAGE

CONTINUATION OF
COMPUTE EUCLIDEAN DISTANCE

PAGE 2

	OTU 030	OTU 036	OTU 043	OTU 045	OTU 047	OTU 049	OTU 050	OTU 053	OTU 054	OTU 057
OTU 138	10.731	10.096	11.343	11.635	9.209	8.670	9.599	10.853	10.125	9.826
OTU 140	11.971	6.911	8.420	9.531	8.125	9.169	8.658	9.169	8.036	7.285
OTU 143	11.927	6.617	8.953	11.187	9.805	9.869	9.944	8.313	10.025	7.290
OTU 145	13.569	7.402	11.077	9.661	1.707	8.951	7.634	9.595	7.397	6.871
OTU 147	11.588	7.708	7.196	9.803	5.067	9.130	8.203	9.981	8.389	7.592
OTU 149	11.290	6.277	8.930	10.288	5.259	10.655	8.194	10.635	9.240	8.079
OTU 151	12.666	6.087	9.828	9.475	8.994	8.297	8.284	9.967	8.954	7.177
OTU 152	11.416	10.172	9.809	11.310	10.551	7.995	8.823	10.660	11.188	8.990
OTU 153	9.198	10.517	8.772	11.015	10.464	10.189	9.690	10.526	9.969	8.980
OTU 155	10.453	7.637	7.929	8.073	8.136	7.909	7.358	8.041	7.394	7.111
OTU 158	10.808	10.270	7.881	12.284	9.979	9.732	9.901	11.368	10.409	10.213
OTU 159	11.315	10.257	8.716	9.408	9.844	7.872	8.959	7.739	9.594	7.230
OTU 162	10.032	6.194	9.273	10.950	10.736	11.262	10.281	11.413	10.263	8.625
OTU 165	12.074	10.925	9.557	12.633	12.210	11.860	10.998	11.541	11.667	8.986
OTU 166	13.567	10.106	10.296	10.931	10.235	9.477	8.417	9.183	10.353	9.111
OTU 167	13.725	10.435	9.772	11.161	10.096	9.287	8.917	10.251	11.152	8.294
OTU 171	12.055	8.068	9.204	8.136	9.148	8.960	8.162	8.422	7.777	7.589
OTU 177	11.050	6.632	9.286	9.000	9.373	7.715	10.413	9.160	9.606	8.591
OTU 181	9.921	10.226	8.140	10.020	8.659	9.493	8.632	9.758	9.396	6.437
OTU 183	11.926	10.429	9.189	10.254	10.375	8.838	8.373	10.625	10.278	7.102
OTU 184	11.330	11.428	8.366	11.098	8.861	8.473	10.311	9.604	9.900	8.129
OTU 187	11.353	7.868	8.019	9.158	8.041	8.826	7.412	9.365	8.652	7.667
OTU 189	11.461	10.574	8.789	10.280	10.138	10.124	9.297	10.515	10.695	7.667
OTU 191	11.791	7.679	8.072	8.926	7.701	10.223	8.215	9.619	8.587	6.395
OTU 194	10.789	9.995	9.406	10.510	8.257	10.699	8.414	10.018	8.119	6.396
OTU 196	12.515	8.050	7.802	8.865	8.413	9.886	8.256	9.831	8.528	7.160
OTU 197	10.958	10.254	9.081	8.926	7.812	10.613	10.015	10.333	9.078	7.084
OTU 199	11.358	6.182	8.436	8.779	8.776	9.467	9.317	9.338	6.493	7.797
OTU 200	12.853	7.368	9.521	10.901	8.689	9.254	8.154	9.896	8.709	7.516
OTU 202	11.657	11.560	9.130	9.258	7.749	8.131	10.577	7.739	6.639	8.183
OTU 204	10.798	8.576	8.437	10.920	8.936	9.241	8.729	9.812	8.171	7.432
OTU 206	11.413	9.686	11.126	8.300	8.830	10.409	9.708	10.023	8.520	7.513
OTU 210	12.677	8.674	9.729	7.144	7.183	10.605	8.970	10.010	11.575	8.560
OTU 211	11.573	8.547	10.023	11.551	8.806	10.078	8.547	11.351	10.645	7.417
OTU 213	8.108	10.904	7.783	11.408	10.346	9.223	10.266	10.382	10.593	9.902
OTU 214	9.393	12.011	6.227	12.790	10.305	11.089	11.319	12.009	11.567	10.772
OTU 217	12.677	7.704	8.187	12.653	10.098	11.098	11.146	11.767	10.548	10.486
OTU 220	15.062	10.409	12.839	12.299	10.999	9.777	10.842	11.427	10.969	9.735
OTU 221	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 222	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 223	15.186	12.956	13.282	10.961	9.874	8.353	9.467	8.260	9.796	8.108
OTU 224	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 225	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 226	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 227	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 228	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 229	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 230	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 231	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 232	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 233	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 234	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 235	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 236	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 237	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 238	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 239	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 240	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 241	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 242	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 243	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 244	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 245	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 246	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 247	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 248	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 249	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286
OTU 250	12.705	8.856	9.286	9.286	9.286	9.286	9.286	9.286	9.286	9.286

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CONTINUATION OF

COMPUTE EUCLEDEAN DISTANCE

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	OTU 039	OTU 042	OTU 043	OTU 045	OTU 047	OTU 049	OTU 050	OTU 053	OTU 054	OTU 057
OTU 252	16.092	11.597	13.079	12.611	12.710	11.563	12.286	12.364	11.392	11.269
OTU 254	12.437	11.507	9.793	10.006	8.926	7.136	8.722	10.122	10.574	8.826
OTU 256	13.172	9.116	10.561	9.234	9.391	9.611	8.085	9.570	9.569	6.132
OTU 259	10.148	11.215	11.034	9.527	9.294	8.819	10.275	9.488	11.153	11.003
OTU 260	13.693	9.551	9.440	9.521	8.406	8.133	9.448	9.965	9.846	9.387
OTU 262	11.590	10.028	9.786	8.625	8.434	8.332	6.748	9.351	9.940	9.383
OTU 264	10.828	9.032	10.477	10.249	8.281	9.101	9.475	9.800	9.916	8.238
OTU 266	12.851	10.486	9.853	9.967	9.130	7.862	8.266	8.977	9.715	7.560
OTU 268	13.429	8.716	9.391	8.136	9.133	7.563	8.125	8.473	9.371	6.257
OTU 270	12.772	6.622	9.893	9.282	9.132	7.148	8.046	8.627	1.929	7.273
OTU 272	13.016	10.492	10.160	10.359	9.784	7.604	9.182	10.516	9.748	9.212
OTU 273	12.127	8.713	10.004	10.607	8.199	8.232	8.518	9.787	9.102	8.185
OTU 276	14.502	9.130	11.333	12.409	10.166	10.706	9.976	11.653	10.800	9.101
OTU 278	13.240	8.466	10.420	10.466	9.244	7.988	10.177	10.342	9.776	8.205
OTU 280	12.662	9.466	8.914	7.712	7.924	7.479	7.847	6.496	8.604	8.871
OTU 282	18.148	8.979	10.178	6.397	8.177	9.456	9.031	9.268	8.572	9.233
OTU 283	14.150	10.568	13.144	12.085	10.747	10.137	10.560	8.927	10.061	8.623
OTU 286	13.116	9.468	10.664	9.271	8.719	7.904	9.122	9.139	9.280	7.880
OTU 289	14.047	10.100	10.128	10.763	14.147	8.281	6.917	10.570	10.723	9.176
OTU 289	11.363	10.737	10.139	9.979	8.011	9.236	10.200	9.927	9.345	8.466
OTU 292	10.453	9.321	9.138	10.764	8.593	7.146	7.918	9.574	7.957	7.616
OTU 295	12.639	9.724	10.020	10.917	9.303	9.624	8.253	10.137	8.971	7.238
OTU 296	11.526	8.978	9.875	11.839	10.102	11.706	10.020	11.823	8.480	10.192
OTU 297	11.070	9.778	10.203	12.631	10.201	11.736	9.537	11.904	9.842	9.959
OTU 298	7.9	11.795	10.212	12.182	11.474	10.540	11.205	11.343	8.951	10.576
OTU 301	8.307	12.869	9.789	13.354	12.126	11.436	11.569	12.170	10.636	11.223
OTU 305	10.399	10.997	9.416	10.066	12.073	10.630	10.491	12.712	10.717	10.700
OTU 306	10.272	11.712	8.664	14.330	12.129	12.582	11.297	12.432	11.280	10.771
OTU 308	10.855	11.571	9.096	12.524	11.799	12.625	10.900	13.058	12.288	11.262
OTU 310	10.359	10.789	9.135	13.429	11.752	12.900	10.826	12.670	10.788	10.294
OTU 311	10.646	11.229	8.133	12.163	10.829	11.290	10.278	12.090	10.319	9.743
OTU 312	11.600	10.136	8.915	13.216	11.844	12.564	11.655	12.765	11.210	11.401
OTU 314	11.243	8.733	10.429	13.073	10.399	12.919	10.542	12.282	9.712	9.409
OTU 314	9.920	9.140	7.900	10.838	10.234	12.992	9.828	10.428	10.019	8.917
OTU 322	8.644	11.286	10.018	12.817	10.387	11.436	10.105	10.954	9.349	9.128
OTU 326	9.232	10.917	9.640	11.464	10.225	10.461	10.710	10.203	8.749	9.630
OTU 327	9.177	10.339	7.919	10.818	10.160	10.820	9.243	11.140	7.929	9.527
OTU 328	10.161	10.872	9.928	12.082	10.410	10.021	9.552	10.983	10.677	10.436
OTU 330	8.108	11.026	9.228	11.011	10.944	10.478	11.086	11.734	9.632	10.185
OTU 332	9.181	12.997	7.903	13.951	11.180	10.093	11.137	11.065	10.459	10.837
OTU 333	10.788	8.546	8.392	11.673	9.951	11.444	12.177	9.988	9.455	9.455
OTU 336	11.067	12.666	9.001	13.700	12.096	12.846	11.855	13.707	12.717	11.625
OTU 337	11.008	11.162	7.763	12.613	11.245	12.253	10.180	12.026	11.721	10.803
OTU 339	10.096	10.384	7.727	12.183	10.780	11.929	10.283	12.248	10.007	9.914
OTU 360	7.956	11.259	7.713	11.735	10.970	9.772	10.199	10.739	10.580	10.104
OTU 361	9.561	10.033	7.924	11.807	8.710	10.439	9.188	11.485	9.204	8.832
OTU 362	10.828	10.560	8.470	13.104	10.133	11.877	10.976	12.721	11.249	10.247
OTU 383	9.773	11.566	8.747	13.169	11.047	12.466	11.113	11.160	11.176	11.049
OTU 384	13.032	13.349	10.536	16.046	13.431	14.587	12.712	15.688	14.148	12.476
OTU 349	9.645	11.344	7.567	12.601	10.444	12.024	10.753	12.132	11.123	9.492

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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	5.130	0.000								
OTU 061	7.127	6.088	0.000							
OTU 064	7.733	8.952	9.559	0.000						
OTU 066	7.169	6.673	9.273	10.180	0.000					
OTU 068	9.334	9.284	9.658	9.220	7.947	0.000				
OTU 070	8.668	8.260	7.900	9.313	9.842	9.169	0.000			
OTU 071	6.269	6.395	6.722	8.118	8.227	10.103	7.297	0.000		
OTU 076	7.048	7.906	7.740	8.534	8.587	9.732	6.736	7.212	0.000	
OTU 077	10.187	10.691	9.654	11.036	11.988	11.211	10.685	11.084	8.391	0.000
OTU 080	7.211	6.597	6.900	8.536	8.781	9.432	8.469	7.952	6.205	
OTU 083	6.362	7.170	7.674	8.977	8.440	9.925	6.471	6.891	5.049	8.946
OTU 085	5.763	7.279	7.593	7.011	8.035	8.659	7.178	6.828	7.125	10.262
OTU 088	5.550	6.79	6.647	7.821	7.873	8.549	7.263	6.499	6.316	9.799
OTU 088	7.056	6.669	6.819	8.200	8.940	8.707	7.811	8.195	7.559	7.894
OTU 088	11.552	11.635	10.812	11.002	12.005	10.713	8.722	12.308	9.706	7.206
OTU 090	9.625	9.909	9.297	9.047	11.255	10.684	9.657	10.170	8.004	8.466
OTU 091	10.056	10.706	10.549	9.811	11.115	10.128	9.046	9.894	8.532	8.485
OTU 093	6.702	7.204	9.759	9.837	9.191	10.496	10.016	9.018	10.292	11.183
OTU 094	11.687	11.017	11.764	11.656	11.255	10.289	10.307	11.337	8.930	9.565
OTU 097	12.258	12.502	11.611	12.156	12.099	11.455	11.481	12.232	10.042	8.959
OTU 100	6.424	7.148	8.472	7.189	8.521	9.390	6.190	6.354	7.312	11.002
OTU 102	11.072	11.733	11.277	10.992	11.150	9.945	10.173	11.241	8.699	9.189
OTU 104	6.843	6.226	7.403	6.657	8.801	8.316	8.942	7.647	8.965	10.864
OTU 106	7.855	8.216	9.232	10.288	8.069	9.405	11.642	9.580	11.005	10.389
OTU 108	7.920	7.271	7.336	11.183	6.759	9.040	7.005	8.136	7.043	9.248
OTU 110	6.790	7.734	8.771	8.751	9.610	6.987	10.166	8.114	9.328	11.646
OTU 112	4.242	6.658	11.472	11.693	8.824	10.824	12.276	10.366	11.516	13.193
OTU 114	10.367	6.102	8.013	9.128	8.490	7.690	9.747	6.666	6.360	10.527
OTU 115	8.360	6.700	7.695	9.261	9.585	8.612	8.650	9.506	9.199	9.424
OTU 116	11.615	12.100	11.669	12.793	12.840	13.198	12.525	11.130	11.430	11.630
OTU 119	11.881	11.746	11.781	11.401	11.660	10.290	11.219	11.548	8.644	10.325
OTU 122	12.164	12.218	10.486	10.459	13.136	11.730	9.478	10.527	8.947	9.965
OTU 125	11.461	11.673	11.009	12.795	12.916	12.124	12.807	11.729	9.849	9.104
OTU 127	8.368	8.457	8.931	8.942	9.014	8.455	8.529	8.311	6.259	10.243
OTU 129	6.256	6.947	7.359	8.616	7.607	8.919	9.687	7.748	7.075	9.507
OTU 130	6.699	6.091	6.830	9.371	8.366	9.122	9.897	7.108	6.979	10.320
OTU 132	7.272	6.956	8.219	7.314	8.588	9.256	10.306	8.990	7.274	8.400
OTU 135	6.813	6.642	7.895	9.089	6.237	7.741	7.668	7.577	6.047	11.518
OTU 136	7.262	6.237	7.498	9.484	8.155	9.299	9.817	8.834	8.277	9.769
OTU 138	9.465	10.613	8.824	10.691	10.374	10.063	12.037	10.402	11.889	11.635
OTU 140	6.666	7.314	7.121	8.658	7.786	8.657	8.147	7.517	7.748	9.863
OTU 143	7.628	8.637	6.733	10.382	9.920	10.140	8.875	8.407	7.133	8.905
OTU 145	5.683	7.981	7.152	9.016	7.668	9.136	10.125	8.478	8.076	11.581
OTU 147	6.284	7.109	7.254	7.279	8.698	8.809	7.580	6.979	6.759	9.447
OTU 149	7.416	8.900	8.432	9.651	7.361	9.169	9.115	9.318	6.434	8.952
OTU 151	8.879	9.980	8.909	9.173	7.332	8.687	10.071	8.127	8.177	10.476
OTU 152	8.216	9.044	6.585	10.026	10.338	9.925	9.379	9.044	7.744	8.748
OTU 153	7.433	8.504	7.297	8.850	10.463	10.057	8.643	7.929	7.262	9.820
OTU 155	7.139	7.019	7.407	8.480	7.185	7.365	8.473	7.948	6.198	9.521

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CONTINUATION OF
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	OTU 059	OTU 060	OTU 061	OTU 064	OTU 066	OTU 068	OTU 070	OTU 071	OTU 076	OTU 077
OTU 158	9.295	9.915	9.175	8.791	10.163	8.858	9.780	10.615	9.036	8.985
OTU 159	7.922	8.481	9.441	9.895	8.949	8.921	6.385	7.572	7.242	9.694
OTU 162	8.401	8.918	10.256	7.391	8.118	70.14	11.190	9.765	8.891	11.263
OTU 165	8.176	9.158	7.616	11.155	10.483	11.843	8.238	9.055	7.822	10.251
OTU 166	8.571	9.400	7.244	10.005	9.819	8.758	10.289	9.682	10.187	10.676
OTU 167	8.551	9.714	6.409	7.235	10.817	10.114	9.483	9.119	9.895	9.708
OTU 171	8.888	6.936	7.808	6.829	8.305	8.399	8.331	7.533	8.148	10.819
OTU 177	6.730	7.808	8.693	9.279	9.141	9.306	6.587	7.665	8.305	12.293
OTU 181	7.089	7.419	5.765	9.579	8.321	9.339	6.724	7.128	5.199	8.003
OTU 183	8.853	8.979	7.461	7.528	10.199	9.126	7.377	8.578	2.712	11.771
OTU 186	8.160	9.656	7.820	8.541	11.215	9.263	8.807	8.429	8.125	8.252
OTU 187	7.757	9.391	7.395	9.031	7.735	8.156	9.187	8.917	8.180	10.052
OTU 189	7.768	9.053	6.081	5.682	10.561	10.483	7.982	8.502	7.609	8.259
OTU 191	6.880	7.681	7.765	7.894	8.325	9.148	6.684	7.782	7.703	8.962
OTU 194	5.901	7.932	6.737	8.230	9.195	9.809	8.160	7.034	6.100	8.210
OTU 196	7.303	8.611	8.379	9.075	8.412	8.561	6.626	8.641	6.113	9.238
OTU 197	7.381	9.002	8.372	9.198	9.688	10.321	9.858	8.402	8.261	9.306
OTU 199	7.295	8.753	8.877	6.171	6.740	9.924	8.512	7.474	8.341	11.670
OTU 200	7.346	8.638	8.601	8.820	9.640	9.587	10.486	9.161	8.984	9.130
OTU 202	8.237	8.488	7.297	9.238	9.101	8.521	9.302	6.976	9.042	11.012
OTU 206	6.957	7.382	8.213	9.482	8.671	9.160	7.900	7.207	6.536	8.545
OTU 209	6.385	8.992	8.295	7.591	8.076	10.488	9.591	7.436	8.823	12.323
OTU 210	7.048	9.229	9.215	8.899	7.505	9.710	10.526	8.682	8.800	11.672
OTU 212	8.201	10.219	7.833	10.218	9.615	8.635	9.834	9.711	7.653	9.181
OTU 213	9.380	9.591	9.021	8.952	10.081	8.912	7.858	9.798	7.426	9.781
OTU 216	11.111	12.056	10.216	11.577	11.991	10.482	9.804	11.449	8.209	8.962
OTU 218	10.140	11.139	10.050	8.783	11.604	10.875	9.761	10.767	7.697	9.728
OTU 220	10.447	11.069	9.652	11.352	11.528	10.844	12.461	11.620	11.737	13.002
OTU 227	6.355	8.016	7.116	8.729	8.833	9.479	9.532	7.728	8.906	10.618
OTU 229	6.896	8.099	8.372	9.886	9.134	9.433	8.565	8.942	9.777	9.777
OTU 231	6.877	7.591	7.325	9.408	8.890	9.069	10.690	2.169	9.083	9.631
OTU 234	7.042	9.188	8.058	11.173	10.511	11.487	12.517	8.631	12.013	13.125
OTU 235	7.084	9.135	9.528	8.730	10.729	10.777	11.431	8.982	9.828	11.463
OTU 236	7.303	10.108	8.639	9.839	8.748	9.305	10.793	7.997	10.225	11.643
OTU 239	6.975	8.865	8.092	9.897	8.775	10.491	12.302	9.181	10.527	13.183
OTU 241	7.228	7.611	11.352	10.914	8.508	11.076	11.787	9.005	11.205	13.484
OTU 243	7.322	8.099	7.986	10.313	9.509	9.502	11.429	9.186	9.825	9.671
OTU 244	6.929	8.040	7.944	9.640	9.583	9.099	10.180	8.904	10.023	11.152
OTU 247	7.840	8.556	9.156	10.525	8.792	9.979	12.228	10.161	10.936	11.382
OTU 251	7.147	7.408	7.651	9.486	7.813	9.285	7.159	7.913	9.445	9.577
OTU 252	10.373	11.143	11.197	12.506	12.359	12.421	13.675	11.420	13.369	13.731
OTU 253	8.499	9.993	7.717	9.993	9.265	9.747	9.954	9.207	10.065	10.733
OTU 256	6.017	7.515	6.269	9.756	8.868	9.922	9.228	7.836	8.052	9.340
OTU 259	9.595	9.177	11.459	9.572	10.450	9.370	10.944	10.115	11.895	12.049
OTU 260	7.899	6.966	9.257	9.175	8.572	9.105	10.445	8.317	9.864	11.603
OTU 262	7.583	8.224	8.699	7.001	8.392	7.654	9.660	6.213	9.821	10.481
OTU 264	6.124	7.864	7.055	9.087	8.369	9.255	9.657	8.536	8.008	9.252
OTU 266	7.182	9.259	7.992	9.294	8.638	8.766	8.504	8.153	9.006	9.618
OTU 268	7.407	7.800	7.093	9.306	7.620	7.704	2.648	8.754	9.345	10.394
OTU 270	6.785	7.925	6.658	9.173	8.021	8.794	9.544	8.792	8.423	11.665

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CONTINUATION OF

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	OTU 059	OTU 060	OTU 061	OTU 064	OTU 066	OTU 068	OTU 070	OTU 071	OTU 076	OT 077
OTU 272	8.549	8.841	8.590	8.652	8.804	8.534	10.360	8.676	10.110	1.573
OTU 273	7.153	8.749	8.465	8.745	9.420	8.995	10.414	9.134	8.566	8.256
OTU 274	8.408	9.357	9.127	9.861	10.894	10.483	11.151	10.368	10.566	10.173
OTU 278	8.260	9.462	9.714	9.121	10.034	10.160	11.797	10.001	11.119	11.010
OTU 280	6.647	6.177	8.437	8.187	7.888	6.399	9.208	7.624	9.051	10.699
OTU 285	6.941	7.500	9.448	8.429	7.237	8.610	11.113	6.994	10.601	11.670
OTU 286	8.780	9.858	9.602	11.907	10.887	10.304	11.831	10.253	9.691	12.037
OTU 286	7.122	8.584	7.906	8.882	9.112	8.753	9.964	8.322	10.021	11.090
OTU 288	8.479	8.887	8.962	9.684	9.684	8.989	9.814	9.760	10.276	10.807
OTU 289	6.870	8.456	9.083	8.711	9.548	9.254	10.978	8.522	10.181	10.171
OTU 292	7.120	8.359	7.934	8.805	8.463	7.239	8.399	8.663	7.491	10.191
OTU 295	7.189	8.596	5.795	9.799	9.029	8.940	8.851	8.068	8.150	10.282
OTU 296	9.438	11.061	11.294	10.224	10.124	9.959	10.571	11.299	9.237	11.645
OTU 297	9.728	10.368	10.836	9.768	9.729	9.08	10.302	10.784	8.380	11.353
OTU 298	10.079	10.993	10.725	9.858	10.836	1.11	9.117	10.358	8.608	12.672
OTU 301	11.188	12.271	10.618	10.800	12.535	10.475	9.170	11.031	8.320	10.902
OTU 305	10.553	11.183	10.163	11.343	11.065	10.527	9.922	10.958	7.255	10.090
OTU 306	10.595	11.189	10.800	11.187	11.567	11.538	9.690	11.286	9.136	9.861
OTU 308	11.190	11.970	11.731	10.989	11.531	11.022	10.690	12.230	9.140	9.676
OTU 310	10.500	11.425	11.095	10.195	11.509	10.695	10.332	11.745	8.294	9.669
OTU 311	9.493	10.046	9.907	9.276	11.119	9.579	8.713	9.879	8.169	8.968
OTU 313	11.333	12.135	12.041	10.602	11.894	10.060	10.292	12.545	9.884	10.439
OTU 314	8.886	10.102	10.290	10.490	9.991	11.078	11.580	10.345	1.168	9.977
OTU 316	8.460	9.602	8.975	9.869	9.904	9.530	7.999	9.413	1.183	8.057
OTU 322	8.993	10.234	8.953	10.312	10.595	9.253	9.959	9.763	6.777	9.332
OTU 324	9.466	10.566	9.309	10.762	9.973	8.453	8.605	9.898	7.639	10.252
OTU 326	9.057	10.259	9.934	8.694	9.575	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	9.825	10.167
OTU 330	10.027	10.495	10.377	9.917	9.944	8.851	8.755	10.087	6.334	11.484
OTU 332	10.959	10.561	9.703	9.510	10.998	9.075	7.310	10.025	8.761	10.973
OTU 333	9.656	9.909	10.676	9.379	9.739	9.592	9.785	10.824	7.941	10.17
OTU 336	11.624	12.029	11.776	11.523	11.259	11.189	10.941	12.472	9.829	9.445
OTU 337	10.936	11.194	10.793	10.574	11.226	10.217	8.671	11.107	8.789	9.096
OTU 339	10.124	10.690	11.026	10.519	9.564	9.888	11.217	8.253	10.339	9.178
OTU 340	10.210	10.283	9.103	9.200	10.870	9.523	6.907	9.534	10.699	10.063
OTU 341	9.380	10.373	9.391	9.567	10.028	9.976	9.030	10.128	6.740	8.724
OTU 342	10.098	10.511	11.200	10.139	9.561	9.777	10.360	11.200	8.423	9.178
OTU 343	10.691	11.005	11.667	10.273	11.602	10.422	10.131	11.680	9.842	9.883
OTU 344	13.665	13.954	11.953	12.966	13.722	12.827	12.169	13.442	10.472	9.813
OTU 345	10.395	10.361	10.401	9.916	11.305	10.435	7.877	10.290	6.273	7.891

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COMPUTE EULIDEAN 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	7.474	0.000							
OTU 085	6.750	6.300	6.369	0.000						
OTU 086	7.995	7.994	7.243	7.151	0.000					
OTU 088	8.188	9.987	10.564	10.515	9.277	0.000				
OTU 090	3.089	8.596	9.013	7.704	8.841	7.985	0.000			
OTU 091	7.511	8.162	8.524	9.174	9.849	8.829	8.425	0.000		
OTU 093	9.713	8.907	7.435	8.301	9.079	11.301	12.338	11.768	0.000	
OTU 094	9.304	9.171	10.680	9.831	11.273	9.717	8.522	7.419	13.247	0.000
OTU 097	8.675	10.890	12.072	10.676	10.560	8.444	8.866	8.664	10.241	8.541
OTU 100	8.202	7.193	6.513	6.266	7.135	11.379	9.204	8.716	8.585	10.942
OTU 102	8.444	9.110	9.298	9.579	9.970	9.487	8.488	8.894	12.734	6.663
OTU 104	8.023	8.240	6.041	7.265	6.894	11.273	10.331	10.060	8.138	11.240
OTU 106	8.513	9.726	8.830	9.292	9.207	12.402	11.303	11.220	7.770	12.198
OTU 108	7.781	6.395	7.918	7.521	7.898	9.830	9.483	9.938	9.333	10.320
OTU 110	8.514	9.138	7.991	7.502	8.753	12.244	9.274	10.832	8.731	10.759
OTU 112	10.829	9.581	9.240	9.595	11.588	14.224	11.619	18.155	9.313	12.129
OTU 114	7.643	7.655	7.117	7.679	7.178	11.161	10.464	9.996	8.316	11.047
OTU 115	0.138	8.762	8.332	8.334	6.355	9.223	9.240	9.986	10.555	11.222
OTU 116	11.651	11.552	11.899	12.409	11.755	12.888	10.863	11.564	13.940	11.084
OTU 119	9.920	9.577	10.555	10.198	11.468	10.991	8.160	9.320	13.770	7.153
OTU 122	9.602	9.351	10.651	10.712	11.639	9.869	9.140	8.101	13.008	6.252
OTU 129	9.067	9.783	11.889	11.144	11.316	10.656	9.561	8.710	13.819	7.941
OTU 127	7.792	7.670	7.543	6.909	8.611	10.106	9.249	9.298	10.105	8.462
OTU 129	7.053	8.203	7.487	7.499	7.487	11.215	9.823	9.673	9.694	11.459
OTU 130	7.539	7.826	8.270	7.146	7.957	12.074	10.418	10.457	10.178	11.453
OTU 132	6.126	7.586	7.989	6.777	7.634	10.087	7.277	7.657	9.877	8.610
OTU 135	9.435	8.791	8.196	7.876	8.803	13.056	12.289	12.661	7.710	13.483
OTU 134	7.591	8.508	7.937	7.710	7.311	10.086	9.764	11.306	9.475	11.804
OTU 138	9.369	10.982	10.629	9.042	11.806	12.602	12.713	13.018	11.405	14.779
OTU 140	7.193	7.650	6.269	7.380	7.036	10.253	9.190	9.595	10.100	10.522
OTU 141	7.454	7.680	6.973	6.765	6.750	9.416	9.128	9.994	10.365	11.096
OTU 145	8.753	8.095	6.293	6.822	7.918	12.778	10.671	12.400	8.928	12.683
OTU 147	7.366	6.397	6.723	6.894	6.040	10.311	7.772	9.318	9.293	9.647
OTU 149	7.447	7.190	8.760	6.585	7.137	10.745	8.395	9.668	9.678	9.739
OTU 151	8.172	8.419	9.067	7.413	7.986	11.895	10.785	11.350	8.697	12.230
OTU 152	7.398	8.161	8.927	7.093	8.074	10.035	9.867	10.525	10.166	10.716
OTU 153	8.776	6.438	7.084	7.242	6.426	9.844	8.421	9.290	9.388	10.668
OTU 155	7.275	7.288	7.997	6.678	7.140	10.431	10.171	9.711	10.471	10.471
OTU 158	8.249	8.838	9.256	9.037	7.669	8.190	7.240	9.534	11.645	10.760
OTU 159	7.739	7.394	7.719	7.462	6.785	9.882	10.490	9.633	10.771	10.972
OTU 160	9.454	9.294	10.227	9.015	9.265	12.591	11.518	11.096	10.300	12.382
OTU 165	9.603	7.277	9.570	8.524	8.006	9.932	11.279	11.279	11.389	11.389
OTU 166	8.277	10.047	8.572	8.688	8.412	11.275	11.697	10.246	13.405	13.405
OTU 167	7.057	9.319	8.929	8.603	7.059	9.247	11.453	11.003	10.132	12.953
OTU 171	8.555	7.286	5.943	6.667	7.115	11.333	9.836	10.298	7.094	12.058
OTU 177	9.890	7.612	7.385	6.510	9.200	11.901	9.866	10.183	10.469	10.469
OTU 181	6.634	5.587	7.025	6.998	6.322	9.037	8.443	8.464	9.688	9.480
OTU 183	9.533	8.953	7.687	7.310	8.444	11.267	10.610	11.452	10.092	11.940

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	OTU 078	OTU 080	OTU 083	OTU 085	OTU 086	OTU 088	OTU 090	OTU 091	OTU 093	OTU 096
OTU 186	7.573	8.873	9.293	8.492	7.015	9.035	9.676	8.352	11.182	11.173
OTU 187	7.350	8.089	7.778	7.705	7.779	10.680	9.910	9.337	10.295	10.615
OTU 189	7.660	8.969	8.693	8.010	7.784	9.999	10.604	9.201	9.416	11.628
OTU 191	7.590	8.979	7.096	8.885	8.978	10.824	9.219	8.676	8.351	9.563
OTU 194	7.567	7.002	6.457	5.814	6.723	9.940	8.188	9.103	8.299	10.074
OTU 196	7.257	7.993	8.065	6.412	7.217	9.019	9.370	7.921	9.801	9.835
OTU 197	7.165	8.305	8.300	7.938	8.003	11.003	10.639	7.939	9.335	10.916
OTU 199	9.112	8.190	7.390	6.829	8.999	12.175	9.380	9.582	9.676	11.547
OTU 200	8.278	8.767	8.716	7.206	7.664	11.292	9.149	10.473	9.548	11.252
OTU 202	7.986	9.361	8.191	7.802	9.092	11.572	10.386	8.917	10.267	11.289
OTU 206	7.049	7.760	7.770	6.346	6.009	9.947	7.168	8.864	10.234	10.373
OTU 209	8.231	8.473	7.505	7.325	9.019	11.234	10.571	10.457	9.944	12.169
OTU 210	8.636	8.672	8.209	7.765	9.362	13.458	11.527	9.390	9.398	11.209
OTU 212	6.944	9.112	9.126	7.311	8.340	9.395	9.169	9.443	11.490	11.142
OTU 213	8.606	8.300	8.590	7.759	8.716	8.684	6.953	7.744	11.768	8.731
OTU 216	8.525	9.098	10.960	9.521	9.709	8.140	9.224	6.970	14.139	8.440
OTU 218	8.948	8.511	9.336	8.246	9.615	9.128	7.617	7.370	13.073	7.469
OTU 220	7.477	11.252	11.407	10.776	10.261	12.309	13.209	14.507	11.691	19.337
OTU 227	8.236	8.398	8.272	6.522	7.003	11.735	10.496	10.707	9.999	12.039
OTU 229	8.702	8.255	7.682	7.996	8.517	10.024	9.950	10.379	9.325	11.955
OTU 231	8.008	8.826	8.633	7.661	7.804	10.737	10.510	11.263	8.670	11.454
OTU 234	10.436	11.201	10.319	10.248	10.740	12.814	13.215	13.494	10.571	14.949
OTU 235	10.580	9.474	9.544	8.576	8.969	12.170	10.397	11.942	10.044	12.585
OTU 236	9.646	8.934	9.014	8.236	9.938	12.943	12.009	12.610	7.741	12.327
OTU 239	10.121	10.193	9.471	8.358	10.305	10.064	11.247	12.085	12.116	13.402
OTU 241	11.323	9.662	9.039	9.450	11.438	14.024	12.599	12.929	7.288	13.057
OTU 243	8.128	9.218	9.826	8.023	8.570	10.294	9.371	11.364	9.670	11.794
OTU 246	9.236	9.487	8.326	8.086	8.713	10.968	10.871	12.183	9.932	12.818
OTU 247	9.948	9.441	9.927	8.979	9.646	12.129	10.449	12.401	9.398	12.982
OTU 251	7.824	9.283	9.352	8.037	7.937	11.908	11.134	11.929	8.593	12.672
OTU 252	11.492	11.107	11.480	11.052	12.671	12.827	12.819	12.819	12.237	14.254
OTU 254	8.941	9.589	9.675	8.777	7.322	10.655	10.683	11.484	9.867	11.974
OTU 256	6.927	7.959	9.011	7.105	7.347	10.705	10.366	10.366	7.681	11.968
OTU 259	11.113	10.377	8.981	9.952	10.106	12.257	11.770	11.611	9.901	12.840
OTU 260	9.418	8.894	9.429	8.718	9.227	11.060	11.289	12.427	9.905	12.355
OTU 262	8.432	8.927	7.079	7.808	8.529	9.001	9.801	10.561	7.969	11.968
OTU 264	7.290	7.455	7.784	6.079	8.299	10.374	7.642	10.520	8.649	10.953
OTU 266	8.885	8.256	8.405	7.123	6.657	10.259	9.696	11.061	7.735	11.091
OTU 268	7.077	8.572	7.771	7.445	7.447	10.887	10.657	11.412	8.473	12.983
OTU 270	8.531	8.251	7.740	6.642	8.218	11.404	10.541	11.180	8.814	11.817
OTU 272	9.512	10.369	9.937	8.351	8.504	12.052	9.891	12.064	10.020	12.020
OTU 273	7.265	8.587	9.054	7.612	7.886	9.996	9.306	11.061	9.465	11.257
OTU 276	9.439	9.677	7.720	8.342	8.011	10.856	10.379	12.579	10.098	13.073
OTU 278	9.351	10.312	8.521	8.588	7.839	12.606	11.201	11.874	9.311	11.470
OTU 280	8.211	8.494	7.410	6.999	7.824	10.641	10.024	9.838	8.034	10.571
OTU 282	9.084	9.639	8.228	8.659	8.659	12.331	11.078	10.805	12.700	12.800
OTU 284	10.460	10.256	10.330	9.460	9.860	12.412	12.778	13.261	11.574	14.203
OTU 286	8.717	9.536	8.423	8.009	8.021	11.225	10.650	11.569	8.668	13.281
OTU 288	9.769	9.538	8.927	8.543	7.757	10.728	10.766	12.008	9.592	12.388
OTU 289	8.303	9.498	8.470	7.969	8.291	11.112	10.443	10.861	8.266	11.374

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	OTU 078	OTU 080	OTU 083	OTU 085	OTU 086	OTU 088	OTU 090	OTU 091	OTU 093	OTU 094
OTU 292	7.452	8.613	8.231	6.013	6.589	9.133	7.975	10.103	10.604	14.195
OTU 295	7.463	8.507	8.689	6.226	7.023	10.230	9.407	10.907	10.599	11.757
OTU 296	9.408	10.121	9.516	7.975	10.155	11.105	9.311	9.175	12.273	9.750
OTU 297	9.156	10.272	9.456	8.040	9.679	10.922	8.465	10.303	12.866	10.288
OTU 298	10.479	9.903	9.355	8.371	10.984	11.106	8.516	10.089	13.214	9.965
OTU 301	9.708	9.292	10.140	8.880	10.629	9.802	9.036	8.609	13.876	9.429
OTU 305	9.161	9.420	10.560	8.535	10.291	10.705	8.395	9.770	13.506	9.481
OTU 306	9.339	9.485	10.253	8.551	9.708	10.235	7.127	8.985	13.695	9.255
OTU 308	9.507	9.461	11.006	9.204	10.861	11.218	10.136	8.566	12.524	9.234
OTU 310	9.232	9.631	10.027	8.539	9.489	10.788	8.552	9.598	12.621	9.525
OTU 311	8.026	9.368	8.987	7.624	8.289	9.249	8.102	8.183	11.158	9.814
OTU 312	9.960	10.024	10.634	9.174	10.217	11.178	9.262	10.080	12.735	9.870
OTU 314	8.291	8.791	10.165	7.707	10.272	11.649	8.082	9.742	12.022	10.203
OTU 316	7.646	8.645	7.572	6.728	8.894	9.501	8.683	7.305	10.173	9.033
OTU 322	7.956	8.317	9.208	8.032	9.261	8.599	8.637	8.975	12.074	9.506
OTU 324	8.863	8.111	9.245	7.427	9.689	10.621	9.162	9.441	12.309	9.382
OTU 326	8.571	8.114	8.408	7.096	8.910	10.198	8.661	7.777	11.679	8.600
OTU 327	8.505	9.780	10.136	8.319	10.234	9.628	8.516	8.781	12.689	10.112
OTU 330	9.406	9.030	8.880	7.469	10.126	11.097	8.704	8.800	12.205	8.875
OTU 332	8.479	8.892	9.208	8.025	9.275	9.914	9.717	8.473	12.127	9.260
OTU 333	8.071	8.781	9.207	7.650	8.591	10.119	8.227	8.462	11.693	8.692
OTU 336	9.685	10.047	11.486	10.402	10.539	11.076	9.512	8.995	13.252	10.071
OTU 337	9.168	8.239	9.767	8.623	9.125	8.953	8.517	8.685	12.138	9.107
OTU 339	9.129	8.689	9.482	8.274	9.471	8.283	8.283	8.567	12.644	9.146
OTU 340	8.234	8.301	8.884	7.949	9.144	8.750	7.749	7.960	12.530	8.182
OTU 341	7.447	8.538	9.211	7.233	8.723	7.578	7.578	7.744	12.181	8.906
OTU 342	8.776	9.750	10.354	8.983	9.908	9.908	7.745	8.644	12.251	8.252
OTU 343	9.630	9.911	10.183	8.984	9.823	9.823	7.724	8.796	12.676	8.711
OTU 344	10.379	11.717	13.621	11.877	11.115	10.788	11.678	11.678	15.343	11.444
OTU 345	9.012	7.787	9.415	8.721	8.883	8.958	7.119	7.992	12.081	8.889

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	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	8.431	9.859	0.000							
OTU 104	12.756	8.229	10.943	0.000						
OTU 106	14.099	9.763	12.866	8.699	0.000					
OTU 108	12.176	8.377	11.022	7.586	9.856	0.000				
OTU 110	12.426	7.299	10.695	7.577	6.621	9.086	0.000			
OTU 112	14.775	10.438	12.831	9.557	8.796	10.065	7.345	0.000		
OTU 114	12.893	8.001	10.810	7.136	7.197	8.754	5.742	0.000	0.000	
OTU 115	11.576	6.695	10.490	8.399	9.543	8.129	6.130	11.997	7.349	0.000
OTU 116	12.660	12.279	13.771	11.829	13.265	11.484	11.477	12.984	12.210	12.254
OTU 119	7.927	11.800	7.663	12.263	12.916	11.017	11.091	12.754	12.083	11.332
OTU 122	8.563	11.148	7.734	12.036	13.486	11.010	12.421	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	11.938
OTU 127	8.439	9.294	8.104	9.151	11.636	9.154	9.368	11.383	9.528	10.068
OTU 129	11.205	8.469	9.243	7.385	9.173	9.082	7.456	9.773	6.973	8.410
OTU 130	12.001	8.693	10.548	7.690	9.072	9.302	7.722	10.163	8.010	8.000
OTU 132	8.871	6.382	7.198	8.311	9.287	10.045	7.665	9.755	7.702	9.095
OTU 135	14.435	7.785	13.018	8.285	8.123	7.994	9.436	7.483	9.246	8.440
OTU 136	12.561	8.157	10.099	8.001	6.615	8.219	7.472	9.951	6.903	6.365
OTU 138	14.170	11.246	13.177	9.207	9.541	10.584	9.046	12.008	7.241	9.166
OTU 140	10.534	7.306	9.230	6.269	9.809	8.653	8.103	10.578	7.059	7.756
OTU 141	11.659	8.882	11.045	7.050	10.101	7.199	9.167	10.659	7.723	7.785
OTU 142	13.479	8.336	12.516	8.115	8.495	9.115	8.899	8.022	6.009	8.867
OTU 147	10.022	6.310	9.640	8.051	9.829	7.950	7.566	9.818	7.587	7.512
OTU 149	11.327	7.269	8.528	8.209	9.334	7.557	7.719	9.763	7.634	8.077
OTU 151	12.738	8.629	11.676	8.051	8.045	8.010	6.317	9.426	5.904	8.291
OTU 152	12.030	9.458	10.502	8.333	10.124	7.889	9.490	12.388	8.625	8.440
OTU 153	11.609	7.944	10.179	7.773	10.652	8.424	8.201	10.561	9.144	8.146
OTU 155	11.923	7.660	10.386	7.974	6.227	8.236	6.509	10.049	6.021	6.841
OTU 156	9.488	9.825	9.138	9.755	10.241	9.491	8.566	12.162	9.210	7.082
OTU 159	12.063	7.304	10.025	7.396	10.487	8.360	8.714	11.826	7.430	7.196
OTU 162	12.620	8.721	11.673	11.135	11.114	10.288	8.825	11.748	8.069	8.413
OTU 165	11.758	9.581	11.305	9.353	11.870	8.229	10.330	12.547	7.750	9.368
OTU 166	12.963	10.002	12.346	8.787	9.073	9.212	8.754	12.544	6.968	8.819
OTU 167	11.637	9.774	12.272	8.175	8.818	9.457	9.832	13.238	8.122	8.250
OTU 171	12.640	6.100	10.413	7.120	8.595	8.592	6.578	9.532	6.111	7.806
OTU 177	12.123	6.847	10.866	8.402	11.225	9.186	7.903	9.322	9.229	9.594
OTU 181	10.135	7.618	8.866	7.474	9.932	8.552	8.514	10.557	7.761	7.443
OTU 183	12.907	8.262	10.538	7.476	11.430	8.679	9.504	12.544	9.035	8.191
OTU 186	10.812	7.899	9.878	8.963	10.160	9.147	9.654	12.971	8.795	7.814
OTU 187	7.927	7.969	9.030	8.087	9.336	8.780	8.706	10.209	9.946	6.642
OTU 189	11.248	8.197	9.862	9.003	10.832	7.993	8.461	12.062	8.576	6.604
OTU 191	10.195	7.306	9.190	8.085	8.726	9.495	7.556	9.891	7.260	7.811
OTU 194	10.650	7.255	9.284	7.395	9.184	7.920	7.920	9.610	7.852	7.904
OTU 196	9.226	7.088	9.193	9.333	9.215	9.689	7.553	10.374	7.185	8.069
OTU 197	11.130	7.900	9.709	8.660	10.111	9.243	9.268	11.129	7.917	9.412
OTU 199	12.372	5.516	10.070	9.546	7.752	10.747	7.273	10.886	8.225	8.632
OTU 200	11.663	8.253	10.676	9.204	7.550	10.368	7.175	10.714	7.572	7.028
OTU 206	12.107	7.918	11.579	8.491	9.371	8.900	7.650	11.227	9.161	9.665

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	OTU 097	OTU 100	OTU 102	OTU 104	OTU 106	OTU 108	OTU 110	OTU 112	OTU 114	OTU 115
OTU 206	9.940	6.835	9.098	8.424	9.401	7.226	7.419	11.357	7.311	6.616
OTU 209	13.065	7.064	10.222	8.578	9.608	11.007	7.184	9.761	8.138	10.217
OTU 210	12.377	8.061	9.670	9.262	9.285	11.132	7.908	10.317	8.251	9.470
OTU 212	9.891	8.816	10.193	9.793	10.820	9.603	8.678	11.549	8.463	9.094
OTU 213	8.146	8.067	6.776	15.799	12.260	9.560	8.541	12.690	10.119	9.096
OTU 216	7.497	16.437	6.617	11.611	13.388	10.617	11.848	14.033	11.991	9.995
OTU 218	8.702	9.022	6.357	10.722	13.250	10.191	10.788	13.319	11.569	10.050
OTU 220	15.229	11.436	15.089	10.630	11.173	11.889	10.300	12.933	6.535	9.715
OTU 227	12.441	7.590	11.287	7.435	9.270	9.078	7.297	10.580	6.452	8.862
OTU 229	11.791	8.425	11.394	8.598	8.558	9.215	5.217	10.051	7.446	8.444
OTU 231	12.032	9.976	11.620	7.369	7.617	9.118	7.830	9.929	6.906	9.980
OTU 234	15.250	10.528	14.833	9.968	8.411	10.925	8.770	10.851	9.220	12.237
OTU 235	9.745	12.708	8.622	10.355	9.083	10.355	7.532	9.102	6.660	9.883
OTU 236	14.287	9.467	13.600	8.478	7.238	9.148	7.595	8.378	7.918	10.381
OTU 239	14.689	9.587	13.259	9.363	8.736	11.089	6.443	8.703	7.678	10.261
OTU 241	15.006	9.638	13.696	9.981	8.891	10.618	7.350	7.506	9.099	12.151
OTU 243	12.130	9.965	12.388	8.609	7.298	9.137	6.954	7.718	7.701	9.568
OTU 244	13.748	9.336	13.177	8.313	7.879	8.900	7.815	10.285	7.427	9.614
OTU 247	13.860	10.338	13.676	8.855	8.987	9.252	7.201	7.647	7.728	9.925
OTU 251	13.232	9.444	12.813	6.795	6.721	9.315	7.595	9.781	6.583	9.379
OTU 252	10.632	12.869	14.561	10.418	11.081	12.509	10.788	13.057	10.622	12.115
OTU 254	12.275	9.255	12.301	8.855	7.890	8.070	7.842	10.600	7.484	8.755
OTU 256	12.015	8.802	11.744	7.447	7.725	8.406	8.230	10.150	6.799	8.667
OTU 259	15.108	9.168	12.977	9.890	7.450	10.472	8.729	10.212	8.460	10.536
OTU 260	13.271	9.232	13.948	9.828	8.707	9.449	8.285	10.032	8.933	9.472
OTU 262	12.694	8.326	10.812	7.723	6.354	9.374	6.438	9.086	7.794	9.310
OTU 264	12.165	8.700	10.738	7.816	7.391	7.734	7.072	7.952	6.426	8.531
OTU 266	12.538	7.275	11.807	7.614	7.674	7.252	7.000	9.756	7.161	8.116
OTU 268	13.175	9.073	11.795	8.044	7.632	8.141	7.172	10.562	5.123	7.916
OTU 270	13.054	8.293	11.369	8.240	8.607	7.397	7.513	10.974	7.132	8.717
OTU 272	12.180	8.369	12.217	9.376	7.739	10.178	5.976	10.876	8.134	8.907
OTU 273	12.021	9.075	11.261	8.763	7.537	8.997	7.633	10.208	6.627	7.807
OTU 276	12.573	9.920	13.098	9.641	9.312	10.438	9.652	10.705	7.398	8.760
OTU 278	13.526	8.972	12.986	8.921	6.313	11.177	7.875	10.878	6.536	8.552
OTU 280	11.542	7.721	10.678	7.429	7.187	8.765	5.598	8.871	6.187	9.112
OTU 282	13.286	8.449	12.011	9.774	6.636	10.912	5.616	8.903	7.081	9.288
OTU 283	15.050	11.232	14.483	9.624	10.950	9.486	10.049	10.903	9.690	10.260
OTU 286	13.827	8.216	12.728	7.909	7.830	9.478	6.720	9.977	6.901	9.275
OTU 288	13.034	9.132	12.691	8.967	8.858	9.020	8.324	10.583	7.637	8.627
OTU 289	12.226	8.600	11.433	8.248	8.334	10.020	7.487	9.573	7.886	9.818
OTU 292	9.952	7.676	10.043	7.635	9.129	8.352	6.957	10.298	7.733	7.482
OTU 295	11.168	8.046	11.629	7.882	8.143	7.873	10.434	7.059	8.000	9.371
OTU 296	9.496	9.043	7.857	11.398	11.900	12.189	9.286	12.442	10.266	9.511
OTU 297	9.299	9.605	8.578	11.266	12.540	11.633	9.790	13.221	10.651	9.371
OTU 298	10.541	8.963	8.930	10.886	13.128	11.211	9.754	13.193	11.877	11.084
OTU 301	9.527	9.659	7.431	11.234	18.035	10.973	11.672	14.767	11.901	10.687
OTU 305	8.894	9.896	8.389	12.011	13.900	10.109	10.804	13.894	11.692	9.304
OTU 306	8.357	9.758	8.585	12.335	13.571	10.565	10.597	13.639	11.796	9.166
OTU 308	10.030	9.278	6.236	12.689	12.444	11.547	11.312	13.664	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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OTU 311	OTU 097	OTU 100	OTU 102	OTU 104	OTU 106	OTU 108	OTU 110	OTU 112	OTU 114	OTU 115
7.503	8.713	8.303	10.258	12.333	10.168	10.400	11.248	10.655	9.865	
9.136	9.891	7.649	12.482	13.501	11.964	11.316	11.601	12.291	10.126	
10.060	9.721	9.126	11.760	11.171	10.976	9.161	11.141	10.558	9.590	
9.391	8.394	7.227	9.993	11.102	9.136	7.638	11.583	9.433	9.009	
8.888	9.582	7.692	10.028	12.313	8.942	10.294	12.565	10.883	9.627	
9.532	8.996	8.823	10.828	12.085	9.188	9.813	12.287	10.795	9.688	
8.755	8.168	6.111	10.199	11.776	10.229	9.490	12.232	9.926	9.593	
9.574	10.611	8.695	11.311	10.913	10.622	9.803	12.659	9.735	10.136	
9.329	8.861	6.570	10.326	12.164	10.901	9.373	12.270	10.644	10.541	
9.121	8.491	6.965	10.677	12.880	10.098	10.566	13.479	11.026	10.679	
7.938	8.668	6.255	11.217	11.558	11.063	9.891	12.905	10.417	9.271	
10.127	10.240	8.827	12.826	13.029	11.251	11.648	14.503	12.208	10.196	
7.950	9.666	7.376	12.112	12.811	10.532	11.374	13.533	11.535	10.197	
7.687	9.133	7.112	11.816	13.028	10.957	10.972	13.174	11.821	9.803	
8.608	8.662	7.115	10.368	12.300	10.018	10.534	13.063	11.049	9.746	
7.733	8.617	6.957	10.694	11.780	10.391	9.817	13.062	9.939	9.010	
7.479	9.766	7.635	12.105	12.075	10.805	9.528	12.927	10.903	9.248	
8.005	9.637	7.413	12.192	12.818	10.674	10.758	13.557	12.023	10.185	
8.109	12.624	9.563	14.401	14.872	11.340	13.527	16.920	13.978	11.346	
8.558	8.951	7.650	11.268	12.858	9.542	11.669	13.806	11.412	8.763	

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	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	8.058	0.000							
OTU 125	11.760	8.530	7.716	0.000						
OTU 127	11.622	8.293	9.211	9.083	0.000					
OTU 129	10.763	11.386	11.761	11.481	7.595	0.000				
OTU 130	12.303	11.275	11.954	11.840	8.683	3.505	0.000			
OTU 132	11.169	9.018	10.189	9.597	7.048	6.258	7.151	0.000		
OTU 135	13.435	14.011	13.920	14.467	10.600	8.421	7.763	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	13.956	14.456	14.291	14.189	11.389	8.595	8.544	10.465	9.504	7.877
OTU 140	11.819	10.896	11.369	10.702	7.433	6.282	6.274	6.447	9.403	7.727
OTU 143	12.065	12.369	12.305	11.148	9.010	7.506	7.820	8.155	4.399	6.754
OTU 145	12.882	13.085	11.712	13.395	9.561	6.792	6.266	8.252	6.543	6.165
OTU 147	11.983	9.199	14.153	10.835	6.930	8.181	7.664	8.821	8.559	7.562
OTU 149	10.916	10.257	11.757	10.852	6.188	6.781	7.459	6.510	7.349	6.704
OTU 151	12.009	12.493	12.789	12.522	7.786	7.172	7.011	7.570	8.880	7.578
OTU 152	12.418	11.592	10.946	10.440	8.745	9.070	8.878	9.118	9.513	8.260
OTU 153	10.641	10.380	9.572	10.200	6.722	6.494	8.481	9.095	9.166	8.330
OTU 155	13.140	11.040	11.323	11.718	9.045	8.559	7.245	8.014	7.799	7.659
OTU 158	10.441	9.554	10.637	10.750	9.648	8.020	9.493	8.268	11.663	8.204
OTU 159	12.004	12.064	10.583	11.350	8.676	8.072	8.161	8.476	8.148	7.287
OTU 162	13.743	12.954	13.307	13.593	10.943	10.211	9.550	8.949	10.145	9.105
OTU 165	11.195	11.119	11.267	11.133	9.074	9.402	9.006	9.216	10.722	9.043
OTU 166	13.591	13.320	12.587	13.164	10.130	8.729	8.248	9.830	9.032	7.744
OTU 167	12.957	12.860	11.733	12.138	9.947	8.966	8.666	9.697	9.642	8.502
OTU 171	11.825	11.783	11.782	12.665	8.568	7.575	7.213	7.714	7.097	6.969
OTU 177	12.835	11.775	11.404	11.540	8.506	9.195	7.770	8.800	10.267	9.365
OTU 181	9.655	10.404	9.511	9.169	7.515	6.145	7.087	7.365	8.173	7.864
OTU 183	13.065	11.763	11.058	12.857	8.241	9.498	8.269	10.163	8.752	9.266
OTU 186	12.080	12.394	10.469	10.506	10.442	8.693	7.903	8.286	9.503	8.617
OTU 187	10.695	10.559	11.291	11.459	9.375	6.957	7.886	7.466	9.042	4.927
OTU 189	11.617	12.226	10.175	10.658	9.342	8.076	7.951	8.579	8.374	8.720
OTU 191	11.610	9.496	10.979	11.210	8.009	7.295	6.605	7.762	8.329	8.144
OTU 194	9.740	10.130	10.397	10.910	7.977	5.530	6.250	6.349	7.709	6.156
OTU 196	12.671	10.133	11.282	11.784	6.503	7.729	7.589	6.594	9.252	8.162
OTU 197	12.692	12.763	11.283	11.243	9.433	7.156	8.045	6.872	9.591	8.690
OTU 199	12.912	11.322	11.039	13.157	9.933	8.188	7.648	7.373	8.915	8.597
OTU 200	11.874	10.610	12.690	12.270	10.467	8.115	7.331	7.003	9.135	6.945
OTU 202	12.731	12.230	10.840	11.054	10.108	9.465	10.354	8.821	8.403	6.403
OTU 206	9.830	10.371	10.000	10.392	8.415	7.277	7.298	6.821	8.969	6.145
OTU 209	12.051	12.129	12.150	13.065	9.180	6.191	7.378	7.099	9.226	8.462
OTU 210	11.019	11.002	12.071	12.897	8.285	7.018	6.779	7.610	9.248	7.704
OTU 212	12.254	11.830	11.711	11.711	9.265	6.146	7.577	7.143	9.540	7.916
OTU 215	11.252	8.594	8.002	9.301	7.388	8.129	7.132	7.829	11.999	9.428
OTU 216	12.890	9.192	8.896	9.387	9.799	9.617	9.968	8.737	12.846	10.668
OTU 218	11.848	7.980	7.642	8.296	8.004	8.893	10.232	7.780	12.826	10.684
OTU 220	15.367	12.127	15.518	12.223	10.709	9.977	11.570	9.137	9.069	7.932
OTU 227	12.476	12.646	12.258	11.870	9.302	8.011	7.526	7.320	6.179	7.232
OTU 229	12.211	12.108	12.620	12.615	9.825	7.706	7.480	6.055	7.602	7.273

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	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
OTU 231	11.527	12.155	12.553	11.797	8.155	7.017	7.320	7.814	7.826	7.536
OTU 234	13.504	15.417	14.758	14.537	12.597	9.921	9.777	11.298	8.589	9.963
OTU 235	12.496	13.399	13.692	13.072	10.918	8.507	7.881	8.411	8.509	8.288
OTU 236	13.636	13.376	13.469	13.320	10.337	9.799	8.569	9.942	8.408	9.304
OTU 239	13.287	13.789	14.393	13.801	10.967	8.368	7.737	8.859	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	10.255	8.536	8.510	8.450	8.713	8.377
OTU 244	13.208	13.773	13.145	13.464	10.322	8.738	9.137	10.296	7.674	7.647
OTU 247	13.887	13.261	14.367	13.805	12.000	10.117	9.209	9.599	8.759	9.294
OTU 251	13.079	13.556	13.602	13.134	10.214	7.380	7.752	8.649	6.716	7.922
OTU 252	15.411	15.140	14.983	15.086	12.613	11.678	11.844	11.688	11.980	12.031
OTU 253	13.457	12.832	12.475	12.565	10.770	8.985	8.307	7.182	8.140	8.262
OTU 256	12.828	12.862	12.469	12.824	8.578	6.300	6.656	7.799	7.007	7.225
OTU 259	15.287	14.058	13.476	14.699	12.362	11.361	11.665	11.169	9.654	9.203
OTU 260	14.076	12.521	12.976	13.237	10.298	10.033	9.263	10.204	6.030	9.473
OTU 262	12.618	11.470	11.356	12.747	9.440	8.332	8.542	8.468	8.632	8.356
OTU 264	12.110	11.267	11.276	11.325	9.012	7.067	7.560	7.638	8.358	8.452
OTU 266	11.953	12.690	12.708	12.204	9.877	8.978	9.393	9.013	7.032	8.189
OTU 268	13.399	12.594	12.503	12.904	9.681	8.334	8.267	9.101	7.908	8.662
OTU 270	13.498	12.352	13.207	12.982	8.651	8.194	8.158	8.464	8.780	7.179
OTU 272	12.926	12.065	11.919	14.957	10.495	9.634	8.679	9.456	8.921	9.615
OTU 274	12.578	11.958	12.161	11.889	9.859	7.669	7.125	8.332	8.284	8.280
OTU 276	13.251	13.397	14.639	14.435	10.859	9.102	8.962	8.924	8.455	7.601
OTU 278	14.412	13.580	14.377	13.298	11.294	9.712	9.048	8.432	9.273	8.824
OTU 280	12.952	11.206	11.031	11.661	7.967	8.063	8.296	8.002	8.290	8.319
OTU 282	13.744	11.994	13.481	13.550	10.199	8.953	9.062	8.279	8.855	8.397
OTU 283	14.667	14.355	15.585	14.571	11.267	9.680	9.207	11.433	8.482	8.072
OTU 286	13.127	13.659	13.084	13.893	10.643	7.700	8.359	9.164	8.728	8.059
OTU 288	13.728	12.828	13.295	13.912	10.049	9.852	9.902	10.045	8.485	8.169
OTU 289	12.952	12.462	12.265	11.899	9.876	8.461	8.661	8.191	9.564	8.356
OTU 292	12.746	10.686	11.231	11.798	7.681	6.931	7.353	7.626	8.930	6.913
OTU 295	12.287	12.103	12.030	12.379	8.717	6.859	6.676	6.226	6.285	7.385
OTU 296	13.435	9.991	11.668	12.305	8.587	9.117	9.005	8.280	12.460	9.462
OTU 297	12.322	9.934	11.622	12.285	7.418	8.425	10.068	6.033	12.320	9.211
OTU 298	12.554	9.699	9.618	11.296	8.631	9.752	10.942	8.267	12.719	10.768
OTU 301	12.603	10.471	8.705	10.565	8.662	8.995	9.311	9.311	13.364	10.168
OTU 305	11.253	8.255	9.781	9.908	8.292	9.922	10.327	9.088	12.596	9.984
OTU 306	11.683	8.597	9.929	10.277	9.845	10.792	10.893	8.767	13.111	10.604
OTU 308	13.985	10.042	9.926	10.965	10.461	11.130	10.920	8.600	12.566	11.244
OTU 310	12.694	9.039	10.599	10.766	8.062	9.682	10.504	7.983	13.185	10.192
OTU 311	11.919	9.313	9.951	10.010	7.345	9.430	10.764	9.071	10.693	10.693
OTU 313	14.998	8.350	10.919	11.939	9.523	11.257	11.774	9.971	13.282	11.166
OTU 314	11.453	8.838	11.671	10.885	9.288	9.149	8.640	7.037	11.423	9.478
OTU 316	11.293	7.914	9.071	10.281	7.823	7.721	8.813	7.755	13.755	9.785
OTU 322	10.890	8.789	9.370	9.494	8.891	7.366	8.253	8.180	10.993	9.123
OTU 324	12.544	9.043	10.239	10.676	7.578	8.739	9.642	9.289	11.282	9.349
OTU 326	11.401	8.206	9.905	10.883	7.428	8.381	9.977	7.119	11.414	9.482
OTU 327	13.481	9.694	10.216	10.891	9.151	9.044	9.312	8.876	11.668	9.655
OTU 330	12.421	8.852	9.208	11.480	7.979	9.026	9.731	7.946	11.633	10.094
OTU 332	12.589	9.074	7.916	10.787	7.847	10.082	10.924	9.189	12.531	10.744

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OTU 333	OTU 116	OTU 119	OTU 122	OTU 125	OTU 127	OTU 129	OTU 130	OTU 132	OTU 135	OTU 136
	12.588	8.299	10.040	10.497	7.917	9.247	10.120	6.840	11.712	9.757
OTU 336	12.936	10.702	10.054	10.470	11.609	11.720	11.468	9.293	13.341	11.707
OTU 337	12.267	7.096	5.059	11.130	8.623	10.750	11.132	9.005	12.825	10.952
OTU 339	13.320	7.819	9.633	11.198	8.009	10.081	10.768	8.433	12.531	10.651
OTU 340	12.221	8.463	6.742	9.950	7.520	10.065	10.300	9.029	12.118	10.539
OTU 341	12.149	8.736	8.999	10.404	7.620	8.176	8.566	6.447	11.219	9.450
OTU 342	10.790	7.689	8.896	10.054	9.186	9.257	10.812	7.672	12.125	9.983
OTU 343	11.575	7.934	9.321	9.809	9.199	10.708	11.045	8.230	12.916	11.189
OTU 344	13.656	9.923	10.424	11.768	11.094	12.466	11.255	10.792	14.592	12.041
OTU 345	11.789	8.687	9.060	10.155	8.771	9.916	10.921	9.003	12.487	10.331

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	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	8.287	5.919	0.000							
OTU 145	7.251	5.136	7.592	0.000						
OTU 147	9.474	6.178	7.125	4.223	0.000					
OTU 149	9.977	6.865	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		
OTU 153	10.337	8.008	7.990	8.079	6.799	7.811	8.781	7.761	0.000	
OTU 155	7.092	7.617	7.357	6.881	6.634	7.115	6.258	7.201	8.628	0.000
OTU 156	9.341	8.611	9.112	9.565	8.085	7.420	6.602	9.300	8.132	8.785
OTU 159	8.603	7.412	6.708	8.289	7.205	8.101	8.132	9.211	7.515	7.287
OTU 162	10.124	9.240	9.127	8.713	8.727	8.253	7.615	11.140	11.004	7.714
OTU 165	10.277	7.605	8.919	8.933	7.306	7.556	8.051	7.552	7.806	8.143
OTU 166	8.727	7.795	7.508	7.062	8.790	9.697	7.324	8.427	9.480	7.297
OTU 167	6.795	6.949	7.607	8.401	7.721	9.888	8.661	8.587	8.749	7.868
OTU 171	8.710	6.988	8.107	5.977	6.012	8.002	6.827	8.053	7.862	6.895
OTU 177	11.691	7.828	8.585	8.384	6.690	9.673	9.836	9.432	8.401	9.518
OTU 181	9.552	6.496	6.346	6.068	7.360	6.202	7.120	7.220	2.829	7.568
OTU 183	9.501	6.875	6.520	8.371	7.616	9.301	9.689	9.381	7.786	8.251
OTU 186	9.460	7.386	7.520	9.439	8.043	9.369	7.783	9.139	8.460	8.203
OTU 187	7.170	6.725	7.435	6.638	7.130	6.704	7.362	6.894	7.620	6.080
OTU 188	9.157	7.973	8.469	8.217	8.566	7.866	7.866	7.297	7.235	8.149
OTU 191	10.179	6.610	9.433	7.655	7.75	7.694	6.100	9.093	8.379	6.841
OTU 194	9.620	5.864	6.330	6.754	6.96	6.269	7.444	7.694	6.273	7.841
OTU 196	10.039	6.217	7.660	7.837	6.223	7.908	7.799	9.066	8.318	6.502
OTU 197	10.750	7.320	8.408	9.279	8.851	8.046	8.025	9.940	9.569	8.880
OTU 199	10.514	6.385	9.768	7.917	7.190	8.974	8.176	10.225	8.658	7.636
OTU 200	9.521	7.499	7.960	7.126	7.388	7.221	7.354	9.300	9.321	9.566
OTU 202	10.568	6.096	8.942	9.461	8.927	10.503	8.440	9.815	9.664	8.413
OTU 206	9.162	6.059	6.949	7.250	6.351	6.420	7.138	7.224	7.017	7.642
OTU 209	10.754	7.368	9.746	7.054	7.890	8.569	8.308	9.972	8.947	9.197
OTU 210	11.111	7.650	10.047	8.359	8.813	8.542	6.711	10.760	10.426	7.387
OTU 212	9.608	7.345	7.475	7.733	8.395	7.839	7.591	8.821	8.165	9.056
OTU 213	12.082	8.569	8.483	10.287	8.167	9.968	9.968	9.716	7.956	9.645
OTU 216	12.907	9.055	10.593	12.107	9.880	8.710	11.866	10.219	10.162	10.638
OTU 218	13.769	8.653	10.332	11.759	8.490	8.745	11.192	9.744	8.134	10.758
OTU 220	7.819	10.654	9.127	7.712	8.202	11.901	8.425	11.136	11.295	9.947
OTU 227	7.634	5.506	6.842	6.170	6.157	7.769	5.886	7.018	8.152	6.742
OTU 229	8.396	7.350	8.909	6.310	7.337	9.306	7.229	9.255	8.658	7.490
OTU 231	7.093	7.063	6.695	6.079	7.564	8.489	6.771	7.431	9.186	6.815
OTU 234	8.862	9.838	10.163	8.388	10.479	11.973	6.248	11.069	10.293	9.623
OTU 239	9.162	7.116	7.787	6.449	9.004	9.680	7.425	9.779	9.107	8.515
OTU 256	9.011	9.761	9.127	6.019	6.028	10.438	7.407	9.494	9.616	8.297
OTU 259	8.552	8.380	8.803	5.126	6.572	9.392	6.854	10.021	10.081	8.293
OTU 261	12.346	11.228	11.723	8.890	9.191	11.263	9.517	11.602	10.815	7.623
OTU 263	7.839	8.512	8.862	6.527	6.234	9.019	6.967	8.592	9.742	7.527
OTU 264	7.461	8.823	7.789	6.335	8.283	7.639	7.859	9.302	8.893	7.663
OTU 267	9.125	10.300	9.429	6.867	8.999	9.639	7.355	10.952	10.757	7.731
OTU 291	7.170	8.404	8.106	6.256	8.115	9.141	6.653	8.591	10.440	6.274

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	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	11.431	12.856	10.404
OTU 254	8.180	8.291	8.829	7.026	7.894	9.409	7.391	8.404	9.431	7.052
OTU 256	7.387	6.711	6.215	5.077	5.352	6.288	6.746	7.245	8.643	6.706
OTU 258	10.064	10.702	11.038	10.080	9.794	11.511	9.467	11.285	10.585	7.883
OTU 260	6.586	10.102	9.828	7.807	7.475	10.645	8.426	10.019	10.000	7.009
OTU 262	8.178	8.502	9.182	7.432	7.860	8.099	7.336	7.406	8.227	6.574
OTU 264	8.470	8.016	6.437	6.186	7.269	6.944	6.655	7.735	7.199	7.226
OTU 266	9.424	8.076	7.381	7.093	7.495	8.101	6.594	7.792	8.351	6.547
OTU 268	6.066	7.932	7.443	6.092	7.531	8.269	6.160	7.583	9.206	5.328
OTU 270	8.602	7.386	7.508	6.576	7.394	7.873	7.860	8.182	9.158	6.219
OTU 272	8.954	8.844	9.778	7.607	7.630	9.300	7.504	8.092	9.626	6.835
OTU 274	6.912	8.152	6.613	5.939	7.217	7.993	7.085	7.545	8.190	6.160
OTU 276	6.696	8.663	7.072	6.293	7.994	9.011	7.801	9.824	9.905	7.078
OTU 278	9.195	8.009	8.615	7.253	7.763	9.961	7.736	10.267	10.811	7.143
OTU 280	8.710	6.664	8.359	6.924	6.441	8.719	7.019	8.341	8.753	5.917
OTU 282	9.587	8.660	9.836	8.615	7.346	8.962	7.880	10.102	10.369	6.458
OTU 284	10.031	10.163	9.951	7.906	9.897	10.747	9.538	9.002	11.106	5.481
OTU 286	7.353	8.092	8.251	6.021	8.107	9.066	6.899	9.234	9.066	7.297
OTU 288	8.128	8.966	8.634	7.023	8.962	9.457	7.503	8.706	9.211	6.862
OTU 289	9.662	7.935	8.515	8.012	7.601	9.582	7.757	9.442	9.447	7.509
OTU 292	8.821	6.363	6.949	6.283	6.392	7.207	7.347	7.991	8.390	7.401
OTU 295	7.421	5.832	5.753	5.338	6.592	7.044	6.405	7.942	8.069	7.422
OTU 296	13.139	6.684	10.622	10.276	8.589	8.378	11.155	11.225	10.575	9.752
OTU 297	12.787	9.084	10.565	10.301	8.781	8.516	10.845	11.152	10.563	10.432
OTU 298	13.741	9.840	11.086	11.310	8.418	9.940	11.241	10.882	9.327	11.312
OTU 301	13.442	9.421	10.083	12.126	9.978	9.768	11.252	10.379	9.058	11.384
OTU 303	11.562	9.853	10.269	11.502	8.791	8.134	10.956	9.899	9.320	10.920
OTU 306	13.999	9.478	10.408	11.770	8.358	8.756	11.256	10.402	9.268	10.859
OTU 308	14.706	10.648	11.666	12.975	10.325	8.632	10.623	10.947	10.629	9.758
OTU 310	13.705	9.294	10.357	11.713	9.405	9.907	10.987	10.808	9.470	10.673
OTU 311	12.547	8.743	9.700	11.412	8.017	9.032	10.096	9.843	8.810	9.800
OTU 313	14.403	10.828	12.083	12.534	9.375	9.356	12.280	11.768	11.040	10.688
OTU 314	12.580	9.341	9.636	9.693	8.866	7.307	9.697	10.499	9.706	9.835
OTU 316	12.043	8.202	9.472	10.212	7.523	7.488	9.700	8.855	7.476	8.206
OTU 322	12.176	8.332	9.937	10.343	9.189	7.856	9.870	9.649	7.969	10.418
OTU 324	12.907	9.173	9.640	10.501	8.715	8.929	10.855	9.926	8.860	10.307
OTU 326	12.353	7.987	10.163	10.398	7.881	7.317	9.657	9.746	8.613	8.961
OTU 327	11.023	8.904	9.700	10.527	9.505	9.116	9.952	9.578	8.776	9.619
OTU 330	12.949	9.286	10.730	10.919	3.094	8.187	10.050	10.007	9.459	9.744
OTU 332	12.782	9.135	10.592	11.753	7.721	9.468	11.014	10.266	9.093	10.052
OTU 333	13.026	8.617	10.138	10.813	7.904	7.693	10.333	10.013	10.059	9.219
OTU 336	14.502	11.163	11.781	13.118	10.996	8.998	10.639	11.962	10.369	10.823
OTU 337	13.789	9.969	11.285	12.189	8.454	8.926	11.814	10.776	9.618	9.768
OTU 339	13.650	9.505	11.317	11.574	8.650	9.193	11.665	11.468	9.973	10.306
OTU 340	12.842	9.145	10.175	11.480	8.291	9.509	11.271	8.718	8.798	9.425
OTU 341	11.571	8.194	9.467	10.235	8.237	9.992	10.393	9.776	9.431	9.069
OTU 342	13.176	9.876	11.046	11.378	8.488	8.278	10.171	10.739	9.797	9.954
OTU 343	14.012	10.178	11.175	12.680	9.352	8.168	10.545	11.138	9.185	10.344
OTU 344	14.374	12.017	12.563	14.065	11.540	10.326	12.852	12.032	12.493	11.856
OTU 345	13.832	9.728	10.136	12.190	8.827	8.522	11.323	10.393	8.537	10.156

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	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	9.578	0.000								
OTU 162	9.559	9.766	0.000							
OTU 165	8.996	7.475	9.999							
OTU 166	8.715	7.926	9.446	0.000						
OTU 167	8.896	8.905	10.671	8.133	2.779					
OTU 171	8.426	7.330	8.439	8.748	7.285	0.000				
OTU 177	10.635	8.244	10.426	9.908	10.680	10.563	0.000	0.000		
OTU 181	8.387	5.508	9.820	6.647	8.760	8.228	7.761	0.462	0.000	
OTU 183	9.664	7.069	11.264	9.917	9.135	9.056	7.213	9.488	8.327	0.000
OTU 186	8.368	7.507	8.990	10.139	7.951	7.923	6.343	9.297	7.141	9.261
OTU 187	7.769	6.848	8.145	8.765	7.537	7.946	7.028	6.632	6.249	8.167
OTU 189	9.238	5.692	9.166	7.803	8.409	7.501	7.498	9.788	5.293	8.255
OTU 191	9.238	6.375	8.216	8.904	8.652	8.748	6.939	9.176	7.053	8.250
OTU 194	8.530	7.741	9.817	7.967	8.912	8.187	6.663	8.522	5.615	8.233
OTU 195	8.694	8.208	8.128	9.357	8.501	8.063	7.478	8.656	7.896	9.927
OTU 197	10.816	8.186	8.402	10.920	9.752	9.548	8.153	9.106	7.222	10.375
OTU 199	9.336	8.754	8.462	10.246	9.619	10.026	6.958	8.215	6.896	8.580
OTU 200	7.946	9.730	8.028	9.407	8.642	8.735	7.460	11.226	8.934	10.030
OTU 202	10.566	7.675	10.536	11.385	8.244	9.736	9.005	8.188	8.296	9.115
OTU 206	6.524	8.473	8.617	6.851	7.703	7.910	6.696	6.146	5.362	8.743
OTU 209	10.769	9.073	10.503	10.282	10.418	10.460	8.460	7.700	8.287	9.683
OTU 210	11.006	9.626	9.527	11.556	10.463	10.825	8.212	9.120	8.504	10.295
OTU 212	8.859	8.435	10.407	9.848	8.735	8.437	9.196	9.467	6.746	10.467
OTU 213	7.150	8.546	10.395	9.358	10.120	10.381	8.630	8.310	7.233	8.949
OTU 216	9.865	9.392	12.110	11.066	11.955	11.018	11.534	10.972	7.959	11.106
OTU 218	8.991	9.453	11.731	9.885	12.046	11.226	10.088	9.282	8.048	10.170
OTU 220	11.082	10.192	11.273	12.312	7.808	9.581	9.342	11.508	10.306	10.344
OTU 227	9.257	7.165	8.517	7.828	7.136	6.364	5.938	7.992	7.499	9.177
OTU 229	8.195	8.600	9.549	9.138	6.983	7.340	6.711	9.246	7.666	9.482
OTU 231	9.573	8.556	10.191	8.719	6.666	7.169	7.235	9.325	7.731	9.225
OTU 234	11.907	10.674	11.510	11.777	7.939	9.126	8.721	10.588	10.530	12.446
OTU 235	9.788	10.148	10.635	10.099	9.385	9.681	7.393	8.818	9.198	10.744
OTU 236	11.324	9.644	10.439	10.918	8.360	9.489	7.888	9.297	9.590	9.362
OTU 239	10.508	10.187	9.364	10.401	6.051	9.686	7.307	8.133	9.909	11.235
OTU 241	12.975	11.550	11.593	12.204	11.911	12.366	8.165	8.293	10.896	12.129
OTU 243	9.088	9.174	10.023	9.614	7.461	6.374	8.123	8.806	8.396	10.715
OTU 246	9.442	8.276	10.251	10.328	7.951	7.951	5.511	6.518	8.381	9.357
OTU 247	9.967	11.119	10.189	11.303	9.003	10.573	8.743	10.228	10.266	11.786
OTU 251	10.494	8.958	9.598	10.826	7.998	8.228	8.383	9.950	8.400	10.281
OTU 252	12.505	12.023	12.987	13.673	11.110	10.745	10.962	12.961	12.192	12.912
OTU 258	8.900	8.377	11.198	9.590	8.017	7.282	8.238	10.086	8.196	9.964
OTU 261	10.161	7.177	9.760	8.897	6.793	6.318	7.079	9.271	9.580	9.960
OTU 259	11.154	11.138	11.779	13.778	10.088	10.361	8.621	10.645	11.451	11.415
OTU 260	9.979	9.639	9.912	11.173	9.217	9.420	8.649	9.861	9.651	9.757
OTU 262	7.983	9.617	10.313	10.846	7.521	9.084	7.755	9.615	9.144	8.867
OTU 264	7.837	8.470	9.793	8.820	7.928	9.053	7.150	8.044	7.251	9.209
OTU 265	8.240	7.377	8.480	8.759	8.477	8.359	7.018	8.278	7.332	9.035
OTU 268	8.156	7.387	8.415	8.737	4.408	6.892	6.264	9.595	8.620	8.325
OTU 270	9.673	8.233	8.687	9.581	7.814	8.560	6.621	8.413	8.408	8.926

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	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	10.353	10.122	8.395	8.999	7.764	9.997	9.176	9.536
OTU 273	7.891	8.407	9.429	9.891	7.131	7.770	7.573	9.365	8.226	9.305
OTU 276	9.627	10.241	9.355	9.505	8.186	8.577	8.253	10.913	9.639	10.356
OTU 278	10.505	10.446	8.870	11.224	8.738	8.823	7.415	10.217	10.521	10.742
OTU 280	8.761	8.229	9.258	9.681	7.003	7.946	6.089	7.341	8.449	8.911
OTU 282	9.494	10.440	9.210	10.898	8.951	9.831	6.795	8.834	10.408	10.505
OTU 283	12.106	9.122	12.191	11.131	9.386	10.439	9.438	10.380	9.772	10.248
OTU 286	9.893	8.804	10.613	10.876	6.722	7.887	6.584	9.601	8.740	9.469
OTU 288	8.715	8.755	10.178	9.725	7.918	7.132	7.406	9.888	9.279	9.612
OTU 289	9.789	9.799	10.045	11.025	8.818	9.010	7.243	8.499	9.719	10.697
OTU 292	6.911	7.781	10.137	8.651	7.751	7.832	7.823	7.930	7.420	8.251
OTU 296	8.555	7.126	9.689	7.884	6.274	6.182	7.354	8.472	6.892	9.697
OTU 298	9.280	11.120	10.426	11.450	11.735	11.790	9.502	9.867	10.351	11.102
OTU 299	8.718	10.756	10.628	11.257	11.334	11.725	7.683	10.013	9.682	10.358
OTU 300	9.333	10.250	12.524	11.038	12.002	11.772	9.893	8.278	9.279	10.359
OTU 301	9.395	9.604	11.293	10.863	11.396	11.351	10.251	10.067	8.920	10.429
OTU 305	8.318	9.684	10.452	9.588	11.933	11.703	10.575	10.470	8.547	10.205
OTU 306	7.772	10.360	10.356	9.308	12.387	10.462	10.437	8.259	11.475	11.475
OTU 308	9.783	10.924	10.456	11.682	12.503	12.412	10.901	12.207	9.763	11.548
OTU 310	8.707	10.770	10.582	10.702	12.066	12.091	10.187	11.126	9.820	10.460
OTU 311	7.857	9.563	10.354	10.172	10.724	9.991	9.209	9.594	8.719	9.993
OTU 313	9.252	11.394	10.947	12.076	12.233	12.289	10.710	11.282	11.009	10.648
OTU 314	8.766	11.017	9.074	9.943	11.477	11.842	9.619	10.377	9.100	11.589
OTU 316	8.793	8.578	9.580	9.198	10.355	9.846	8.340	9.798	7.640	9.158
OTU 322	8.782	8.718	11.301	9.602	10.387	10.118	9.454	10.084	6.493	9.510
OTU 324	10.006	8.407	11.800	10.868	11.448	11.554	9.930	8.311	8.030	9.102
OTU 326	7.966	9.237	10.367	9.622	10.647	10.302	8.731	9.835	8.684	9.255
OTU 327	9.016	9.841	11.527	11.225	8.906	9.808	10.010	10.823	8.616	10.574
OTU 330	8.923	9.637	10.788	10.850	11.367	11.675	9.436	9.330	8.990	9.297
OTU 332	8.890	8.675	11.600	9.945	10.997	11.077	9.540	9.246	8.449	9.702
OTU 333	8.129	10.292	10.027	10.533	11.541	10.927	9.329	10.122	8.949	10.548
OTU 336	8.808	11.362	10.362	11.397	12.766	12.791	11.618	12.599	9.633	12.386
OTU 337	8.682	10.577	11.100	9.870	12.817	11.152	10.577	11.300	9.805	10.407
OTU 339	8.837	10.609	11.086	12.098	11.984	11.984	10.043	10.203	9.254	10.056
OTU 340	8.716	8.474	12.166	9.716	10.450	9.593	9.293	9.104	8.101	9.210
OTU 341	7.708	9.174	9.946	9.971	11.850	10.303	9.188	10.280	7.661	9.210
OTU 342	8.599	10.754	9.682	10.409	11.850	11.497	9.276	10.793	9.316	11.523
OTU 343	7.227	11.423	10.629	10.872	12.392	12.081	10.526	11.496	9.194	11.868
OTU 344	9.438	12.311	12.169	11.541	13.338	12.162	13.526	14.687	10.987	12.987
OTU 345	8.537	9.628	11.314	10.489	12.592	11.623	10.413	10.678	7.930	10.041

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	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	7.988	0.000								
OTU 189	6.505	7.656	0.000							
OTU 191	8.051	7.156	7.543	0.000						
OTU 194	7.777	6.504	6.276	5.777	0.000					
OTU 196	7.692	7.282	6.037	5.196	7.066	0.000				
OTU 197	6.404	6.387	6.911	6.606	7.432	6.729	0.000			
OTU 199	8.248	7.512	5.522	6.205	7.744	6.893	7.832	0.000		
OTU 200	8.372	7.057	9.125	5.165	6.493	6.317	9.012	7.059	0.000	
OTU 202	7.591	9.262	6.966	8.930	9.568	8.705	7.997	7.991	9.656	0.000
OTU 206	6.686	6.403	6.723	7.089	5.986	6.497	7.529	7.045	6.534	8.091
OTU 209	9.631	7.656	9.517	7.225	7.358	7.896	7.600	5.803	8.502	9.203
OTU 210	9.345	7.617	9.040	6.525	8.166	6.840	6.413	6.806	8.075	9.094
OTU 212	7.185	7.308	7.516	8.262	6.887	5.114	7.558	6.504	8.346	9.594
OTU 213	8.428	8.156	8.382	8.835	8.374	7.961	9.124	8.230	9.710	9.511
OTU 216	8.627	9.339	8.776	9.078	9.063	8.125	8.944	10.586	10.852	11.067
OTU 218	8.759	9.233	9.059	8.480	8.581	8.831	9.387	8.199	10.227	10.366
OTU 220	9.652	8.961	10.820	10.581	9.981	10.916	11.287	10.694	9.997	12.036
OTU 227	7.740	7.203	7.611	7.527	7.303	7.076	7.952	7.713	7.590	8.899
OTU 229	7.103	7.652	8.089	7.152	6.483	7.131	8.350	8.017	7.487	9.578
OTU 231	8.969	7.800	8.669	7.805	8.390	8.255	8.854	9.995	7.751	9.293
OTU 234	10.309	10.194	11.080	11.120	10.013	10.491	10.653	10.595	10.101	8.415
OTU 235	8.660	8.898	10.179	8.697	7.208	9.209	9.603	8.931	7.771	9.865
OTU 236	10.063	9.322	9.995	8.622	8.714	9.416	10.026	9.551	8.869	8.310
OTU 239	10.064	7.968	10.592	9.383	8.676	9.131	9.983	8.178	8.232	9.774
OTU 241	13.018	10.780	12.037	10.023	10.292	10.694	11.185	10.296	10.697	10.723
OTU 243	9.030	8.899	9.139	9.022	8.079	8.700	9.621	9.968	8.072	8.436
OTU 244	9.063	8.463	9.487	10.016	8.466	9.252	10.144	9.712	8.901	8.501
OTU 247	10.750	9.863	11.219	9.831	9.616	9.299	10.985	9.933	8.157	9.989
OTU 251	9.109	8.420	8.465	8.971	8.003	8.638	8.712	8.545	8.166	8.322
OTU 252	12.479	12.378	12.786	11.132	11.620	11.303	11.264	12.271	11.167	12.107
OTU 254	8.865	9.086	8.619	8.782	9.086	8.978	8.895	8.895	9.135	9.389
OTU 256	8.544	7.709	9.222	7.140	6.307	7.135	7.496	8.293	7.966	8.923
OTU 259	10.425	10.564	12.583	10.687	10.635	10.156	11.333	10.149	9.765	10.709
OTU 260	10.163	9.181	10.705	9.314	9.457	9.566	10.895	9.391	9.207	8.899
OTU 262	9.158	7.868	10.207	8.582	8.612	8.623	9.955	7.898	7.872	8.729
OTU 264	8.931	7.152	8.549	8.559	8.097	8.349	9.034	8.516	7.194	8.760
OTU 266	8.186	8.709	8.399	8.358	7.757	8.373	9.290	8.505	7.775	8.313
OTU 268	8.251	6.066	8.509	8.557	8.509	8.605	9.313	8.694	7.686	8.904
OTU 270	9.443	6.937	9.634	7.631	7.347	7.096	8.011	7.098	6.553	6.443
OTU 272	8.666	9.116	10.413	9.165	9.742	8.814	11.176	8.722	8.240	8.614
OTU 273	7.720	6.500	8.765	8.234	8.925	8.003	9.305	8.778	6.347	8.844
OTU 276	8.185	8.993	8.939	8.325	7.725	8.367	10.319	9.630	8.773	11.368
OTU 278	9.077	8.732	10.763	8.973	7.747	7.695	8.919	6.699	6.386	10.116
OTU 280	8.891	7.732	9.409	8.001	8.156	8.067	9.067	8.635	8.068	8.066
OTU 282	10.856	8.365	11.070	7.999	7.162	7.773	10.383	7.804	6.694	9.275
OTU 283	10.851	10.368	11.131	10.935	10.057	10.970	11.754	11.942	10.319	10.210
OTU 286	8.564	8.016	9.320	8.610	8.379	8.118	9.112	8.137	8.015	8.185
OTU 288	9.758	8.061	10.376	9.332	8.699	8.706	12.010	9.975	8.257	10.647
OTU 289	8.728	8.569	10.165	8.714	8.469	7.769	9.172	9.127	7.507	8.515

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	OTU 186	OTU 187	OTU 189	OTU 191	OTU 194	OTU 195	OTU 197	OTU 199	OTU 200	OTU 202
OTU 292	8.519	1.170	9.199	8.825	8.807	6.939	9.405	8.681	7.535	8.786
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	8.489	11.050	8.191	8.650	6.691	9.965	8.378	7.977	11.682
OTU 297	10.780	8.560	11.408	9.076	8.870	8.155	10.595	9.046	8.580	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	10.738	9.198	9.383	9.765	9.734	10.583	11.090
OTU 305	10.081	9.097	9.258	9.920	8.880	9.045	10.804	10.310	10.191	11.234
OTU 306	9.832	9.791	9.683	9.561	9.156	8.754	10.774	9.702	9.728	11.645
OTU 308	9.436	10.184	9.188	9.195	8.910	8.192	9.186	9.458	9.462	11.902
OTU 310	9.798	9.338	10.212	9.048	8.587	8.704	9.850	9.899	9.166	12.140
OTU 311	9.638	9.439	9.271	9.288	8.699	7.504	9.091	9.495	9.608	9.910
OTU 313	11.154	10.213	11.161	9.230	10.195	9.013	11.443	9.985	8.872	12.088
OTU 314	10.233	8.984	9.616	7.990	7.798	7.702	9.776	8.605	7.575	10.966
OTU 316	9.026	8.007	7.111	6.740	7.117	6.298	8.377	7.763	8.339	10.235
OTU 322	8.660	8.465	8.186	8.931	7.021	8.468	9.071	9.813	9.825	9.780
OTU 324	9.865	8.310	9.578	9.467	8.639	8.297	9.929	9.382	10.136	9.040
OTU 326	9.176	8.013	8.746	7.682	7.701	6.508	3.768	7.767	8.719	10.635
OTU 327	8.808	8.404	9.222	9.282	8.942	6.754	9.651	9.658	9.068	10.276
OTU 330	9.631	8.439	9.816	9.099	8.907	6.518	9.619	7.588	8.679	9.945
OTU 332	9.428	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	8.284	6.858	9.345	8.799	8.199	11.303
OTU 336	8.806	10.731	9.726	10.284	10.756	6.610	10.828	10.817	10.490	11.717
OTU 337	10.765	9.595	9.854	8.605	7.097	6.007	11.199	9.737	9.583	12.086
OTU 339	10.362	9.538	10.287	8.594	9.042	7.849	10.251	9.082	9.692	11.393
OTU 340	9.275	9.281	9.137	9.096	8.935	8.550	10.235	8.801	10.159	9.707
OTU 341	7.744	8.259	8.274	7.046	7.652	6.672	8.174	7.895	8.488	9.897
OTU 342	9.408	9.180	10.168	9.023	9.063	7.167	10.002	9.417	8.618	11.152
OTU 343	9.556	10.119	10.106	9.470	9.098	8.671	10.842	9.889	9.133	11.777
OTU 344	11.153	11.487	10.274	10.983	11.321	10.652	12.652	12.315	11.190	13.404
OTU 345	9.170	9.751	9.483	8.895	8.329	6.889	9.734	9.931	9.600	11.251

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	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	6.523	6.185	0.000							
OTU 212	6.204	6.697	6.697	0.000						
OTU 213	6.218	9.111	9.456	8.135	0.000					
OTU 216	8.861	11.295	9.989	7.937	7.232	0.000				
OTU 218	7.715	9.704	9.887	8.562	9.379	6.259	0.000			
OTU 220	10.398	11.866	11.969	9.997	12.643	13.741	14.416	0.000		
OTU 227	6.473	7.122	8.736	7.997	9.880	11.209	10.117	9.438	0.000	
OTU 229	6.272	8.856	9.041	7.723	9.771	10.201	10.175	8.183	7.100	0.000
OTU 231	7.729	8.940	9.439	8.473	10.595	11.613	11.247	8.390	6.600	6.339
OTU 234	10.018	10.424	11.443	10.657	12.259	14.789	14.253	10.098	7.765	7.965
OTU 235	8.487	8.580	10.100	9.253	11.518	12.553	11.889	8.552	6.988	6.121
OTU 236	9.986	10.029	9.857	10.710	12.299	13.790	13.303	8.733	8.266	7.156
OTU 239	8.464	7.515	8.767	9.197	11.138	13.686	12.337	9.924	6.586	7.340
OTU 241	10.964	9.206	10.254	12.116	12.507	15.048	13.651	12.386	9.497	9.814
OTU 243	7.754	9.803	10.691	8.333	10.516	11.920	12.169	9.012	7.359	7.311
OTU 244	8.099	9.290	10.862	9.805	10.615	12.898	12.670	9.507	7.493	6.653
OTU 247	9.845	10.735	10.993	10.430	12.207	13.558	13.663	9.603	8.894	7.899
OTU 251	8.206	9.162	9.513	8.418	11.749	12.410	13.028	8.361	7.182	7.160
OTU 252	11.454	12.144	12.496	12.831	13.894	14.718	14.485	13.508	10.128	11.036
OTU 259	7.716	10.054	10.256	8.947	10.697	11.492	11.515	9.460	7.169	6.157
OTU 256	7.156	8.329	8.615	7.174	10.365	11.022	11.486	8.772	6.925	6.906
OTU 259	10.865	11.048	11.260	12.111	12.295	14.304	13.342	10.890	9.943	9.484
OTU 260	8.972	10.945	10.669	10.710	11.585	12.924	12.914	9.240	9.030	7.624
OTU 262	8.399	8.501	9.260	9.737	9.483	12.660	11.235	10.250	8.280	7.570
OTU 264	6.641	8.262	8.964	7.162	6.743	17.086	10.266	9.606	7.733	7.424
OTU 266	6.910	8.413	10.571	8.896	9.752	12.008	10.954	9.131	6.483	6.978
OTU 268	7.270	9.384	9.458	9.218	9.786	11.877	11.717	7.990	6.503	6.970
OTU 270	8.113	8.827	8.692	8.732	9.855	11.429	10.866	6.645	7.408	8.161
OTU 272	7.689	9.220	10.357	9.802	10.467	12.792	17.950	10.564	7.435	6.666
OTU 273	7.312	9.483	9.242	7.667	9.979	11.012	11.050	7.563	7.785	6.967
OTU 276	8.485	10.477	11.122	8.907	11.460	12.941	12.341	9.94	8.116	8.816
OTU 277	8.288	9.288	10.118	12.036	13.127	12.745	8.643	5.903	6.843	8.161
OTU 280	7.572	8.292	8.825	8.902	9.135	11.516	10.747	9.716	6.580	6.661
OTU 282	8.399	8.187	8.383	10.343	10.668	12.366	12.149	10.543	7.613	8.123
OTU 283	10.231	11.736	12.600	10.399	12.479	13.260	13.779	8.973	10.056	9.440
OTU 286	7.479	9.717	9.712	8.374	10.708	12.781	12.541	9.490	6.910	6.731
OTU 288	8.569	10.659	11.494	10.142	10.970	13.042	12.159	8.607	7.547	6.546
OTU 289	8.023	8.179	8.296	9.659	10.424	12.463	11.346	10.744	7.200	7.508
OTU 292	8.031	8.735	9.362	6.556	7.921	9.387	9.309	6.773	7.281	7.274
OTU 295	9.936	8.335	9.463	6.092	9.250	10.286	10.300	8.617	5.831	6.542
OTU 296	9.593	9.052	7.905	8.585	8.289	7.330	7.617	7.258	10.523	10.532
OTU 297	7.493	9.552	8.791	8.856	8.433	9.049	8.073	13.044	10.484	10.704
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	10.766	10.723	6.609	5.464	7.551	5.484	13.782	10.787	10.787
OTU 305	7.447	11.076	10.947	8.701	6.013	7.968	6.269	14.348	11.156	11.389
OTU 303	7.191	11.152	11.111	8.667	6.516	8.115	9.189	10.751	11.000	11.000
OTU 308	9.454	10.823	9.169	9.526	7.706	7.766	6.909	15.081	11.178	11.399
OTU 310	8.260	10.337	9.857	9.396	6.054	8.369	6.384	14.192	11.142	11.325

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	OTU 206	OTU 209	OTU 210	OTU 212	OTU 213	OTU 216	OTU 218	OTU 220	OTU 227	OTU 229
OTU 111	7.183	10.020	10.282	8.958	5.207	8.831	6.938	13.616	9.892	10.189
OTU 113	10.036	11.662	10.792	10.929	7.492	8.926	7.623	15.092	12.337	12.300
OTU 116	7.820	9.329	8.908	8.238	8.370	9.091	8.310	13.909	9.970	10.358
OTU 116	7.261	8.917	8.190	8.260	6.534	7.437	6.105	13.442	8.689	9.839
OTU 122	7.501	9.562	9.624	7.120	6.042	6.988	6.610	14.788	10.482	9.986
OTU 124	9.132	9.639	9.568	8.021	5.840	7.363	6.755	12.825	10.851	10.776
OTU 126	7.306	8.347	7.974	8.025	5.909	8.855	5.277	13.860	9.364	9.730
OTU 127	8.249	10.281	9.143	6.929	7.101	6.932	8.216	11.951	9.927	9.192
OTU 130	8.233	8.472	8.869	8.940	5.107	8.389	6.966	13.771	10.756	10.563
OTU 132	9.967	9.775	10.298	9.731	4.454	7.889	6.428	14.062	10.414	10.765
OTU 133	7.624	9.489	8.741	6.682	6.252	7.328	6.315	13.736	9.957	10.049
OTU 136	9.002	12.033	10.756	10.072	7.658	9.374	7.092	15.519	11.776	11.287
OTU 137	8.093	11.210	10.603	10.148	6.634	8.008	7.136	14.999	11.630	11.018
OTU 139	8.945	10.633	9.653	9.114	5.656	6.593	5.576	14.079	11.449	10.745
OTU 140	7.724	10.009	10.178	9.111	4.860	6.963	6.293	13.510	10.333	10.133
OTU 141	6.931	9.150	8.586	6.604	3.281	5.835	5.822	10.596	9.556	9.471
OTU 142	7.409	10.672	10.565	8.590	6.327	8.484	6.689	14.241	10.609	10.140
OTU 143	8.369	11.225	10.916	9.187	6.102	7.295	5.666	14.842	11.181	10.814
OTU 144	10.452	13.929	13.016	10.696	9.529	9.230	9.768	15.833	13.246	13.397
OTU 145	6.061	11.033	10.639	9.548	8.042	7.378	6.626	14.076	11.735	10.787

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	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	7.095	7.211	6.440	7.415	0.000					
OTU 241	9.312	9.308	9.172	7.385	8.705	0.000				
OTU 243	5.137	7.747	6.767	6.896	6.897	8.983	0.000			
OTU 244	5.994	6.138	7.221	6.449	7.133	6.619	5.629	0.000		
OTU 247	7.782	5.888	7.477	6.649	7.400	8.533	5.270	7.263	0.000	
OTU 251	5.186	7.275	7.510	5.857	7.456	8.974	6.109	6.977	7.033	0.000
OTU 252	10.104	11.215	11.545	11.360	11.219	12.467	10.227	10.860	11.580	10.297
OTU 254	7.026	8.123	7.824	7.682	8.560	10.368	6.981	7.508	7.644	6.482
OTU 256	4.701	8.084	7.671	7.123	7.748	9.663	6.572	6.599	8.519	5.670
OTU 259	7.513	13.025	8.860	7.967	9.538	8.930	9.459	11.780	8.505	8.569
OTU 260	7.943	8.590	8.194	5.572	8.659	9.010	6.000	7.514	7.414	6.330
OTU 262	7.510	8.210	8.373	7.139	8.118	8.909	7.918	8.806	7.618	7.554
OTU 264	6.315	6.999	7.188	7.473	6.838	8.136	6.573	6.401	6.656	7.467
OTU 266	6.773	8.494	7.227	6.942	8.180	8.561	6.493	6.667	8.073	6.607
OTU 268	6.462	6.256	8.198	7.269	7.924	9.555	6.947	7.381	7.251	6.574
OTU 270	7.943	8.462	8.340	6.514	7.725	9.619	8.316	7.118	9.025	8.112
OTU 272	7.931	9.020	8.424	8.083	8.049	9.979	7.331	7.665	7.777	7.513
OTU 273	7.445	6.697	6.565	6.942	7.249	10.280	6.179	6.100	7.240	6.132
OTU 276	6.481	10.011	6.492	7.959	8.464	11.433	7.139	7.864	7.763	7.574
OTU 278	7.944	9.778	7.560	8.206	8.335	9.973	8.156	8.466	7.688	7.539
OTU 280	5.751	7.903	7.480	6.122	6.963	7.996	6.705	6.975	7.557	6.257
OTU 282	7.720	9.061	8.309	7.223	6.858	7.940	7.771	7.727	7.195	7.167
OTU 283	6.230	10.229	8.894	9.111	9.476	11.285	7.697	7.378	8.749	6.748
OTU 286	6.746	6.604	6.769	6.926	7.360	8.539	6.381	6.627	7.172	5.499
OTU 288	7.326	9.062	7.755	7.283	8.490	9.775	7.962	6.615	8.048	7.196
OTU 289	6.876	6.132	7.166	7.106	7.560	8.957	7.602	7.032	8.379	7.150
OTU 292	7.077	9.904	7.806	9.132	8.191	10.917	6.939	7.297	8.617	7.279
OTU 295	6.261	8.098	7.820	8.403	7.081	11.114	6.664	6.697	6.546	6.797
OTU 296	11.352	14.096	11.760	12.132	11.288	12.807	11.701	12.200	12.556	12.425
OTU 297	11.064	13.915	12.190	13.238	11.656	13.263	11.286	11.734	12.595	11.800
OTU 298	12.126	13.278	11.751	13.266	11.340	12.531	11.828	11.407	13.138	13.007
OTU 301	12.121	14.112	12.369	13.994	12.599	14.790	12.629	12.144	14.607	13.423
OTU 305	12.080	15.022	13.055	13.780	12.555	14.173	12.117	12.818	13.779	13.064
OTU 306	12.990	15.026	12.733	14.038	12.599	14.348	12.136	13.301	13.509	13.192
OTU 308	12.630	15.197	13.372	13.643	13.160	14.542	12.677	13.771	13.434	13.130
OTU 310	11.840	15.299	12.953	14.001	12.948	14.319	12.545	13.078	13.217	13.145
OTU 311	10.732	13.404	12.035	12.542	12.311	12.773	11.059	11.040	12.746	11.710
OTU 313	13.197	16.119	13.668	14.066	14.085	14.451	13.208	13.754	15.693	13.876
OTU 314	10.663	13.170	11.058	12.150	10.336	12.486	9.922	12.034	10.716	11.462
OTU 316	10.645	13.252	11.804	11.667	17.404	12.202	11.974	11.351	11.904	11.466
OTU 322	10.087	16.956	11.467	12.363	10.770	13.903	10.081	12.991	12.991	11.631
OTU 324	11.225	13.622	12.178	12.312	12.036	12.751	11.423	11.122	13.011	12.001
OTU 326	10.680	13.423	11.625	12.361	11.551	12.848	11.633	11.831	12.483	11.794
OTU 327	9.816	12.931	11.540	11.093	10.927	13.456	10.021	10.136	11.205	10.867
OTU 330	11.324	13.661	12.043	12.570	11.474	12.998	11.768	11.858	12.777	12.338
OTU 332	11.569	13.852	12.499	12.783	12.866	13.265	11.940	11.635	13.456	12.581

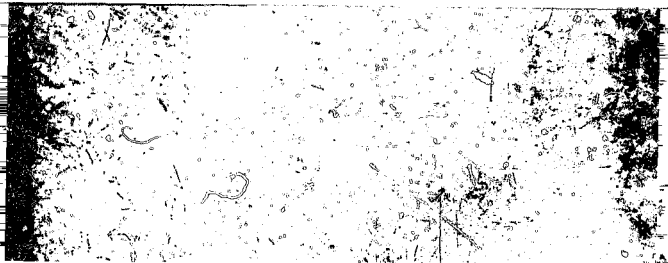
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OTU 333	10.967	13.818	11.938	12.699	11.883	12.749	11.488	12.082	12.384	11.353
OTU 336	13.531	15.348	13.655	14.249	13.544	15.178	13.184	14.210	13.597	13.761
OTU 337	12.137	15.396	13.086	13.391	13.817	13.825	15.705	13.089	13.254	13.010
OTU 339	12.114	14.893	12.852	13.427	13.408	13.695	12.419	12.682	13.012	12.669
OTU 340	10.984	13.213	12.306	12.403	12.625	15.415	11.469	11.157	12.858	12.359
OTU 341	10.332	13.415	11.430	12.358	11.650	13.556	10.714	11.495	11.987	11.060
OTU 342	11.559	13.836	11.818	13.018	12.042	12.936	11.249	12.368	12.333	12.095
OTU 343	12.132	14.661	12.295	13.948	12.303	13.933	12.018	13.105	13.032	13.150
OTU 344	13.666	16.223	15.327	15.643	15.332	17.411	13.974	15.305	15.352	14.395
OTU 345	12.016	15.207	12.707	13.346	13.906	13.920	12.433	12.611	13.331	12.368



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	OTU 252	OTU 254	OTU 255	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	10.238	6.700								
OTU 259	21.714	9.106	0.000							
OTU 260	11.809	7.761	8.266	0.000						
OTU 262	10.309	8.299	8.210	6.233	7.799					
OTU 264	11.417	8.282	6.950	9.318	8.296	0.000				
OTU 266	10.704	5.973	6.571	7.511	7.758	7.496	7.037	0.000		
OTU 268	10.198	7.158	6.844	8.311	7.732	6.578	6.778	7.022	0.000	
OTU 270	11.729	9.708	7.272	9.267	8.383	8.111	7.269	7.784	6.629	0.000
OTU 272	11.44	6.506	8.071	9.105	8.300	6.957	8.182	7.019	7.400	9.202
OTU 273	11.217	7.482	6.470	8.783	6.884	6.641	5.154	7.176	6.652	6.784
OTU 276	11.613	6.169	6.984	9.939	8.177	8.989	7.270	7.489	8.035	8.160
OTU 278	10.643	6.574	8.166	8.842	9.254	8.176	8.917	8.245	7.351	8.012
OTU 280	10.676	6.482	7.068	6.972	7.299	5.599	7.277	6.283	5.952	7.543
OTU 282	10.904	6.097	8.239	7.955	7.100	6.166	7.463	7.388	7.165	7.466
OTU 283	13.294	10.525	8.682	11.616	9.575	11.127	8.716	8.285	8.888	8.516
OTU 286	10.431	6.928	8.542	7.120	5.970	5.799	7.271	6.756	5.979	7.719
OTU 288	10.410	6.390	7.684	7.201	6.487	7.068	7.808	6.957	6.504	7.824
OTU 289	10.301	8.015	7.418	7.633	8.457	6.569	7.182	7.460	7.759	8.641
OTU 292	11.075	7.046	7.017	10.228	8.404	7.500	6.288	7.094	7.525	7.439
OTU 295	10.413	6.376	5.366	10.528	8.600	8.128	6.396	7.018	6.663	7.921
OTU 296	13.648	12.039	10.795	13.168	12.335	10.946	9.928	11.530	11.279	9.120
OTU 297	13.718	12.317	10.960	13.376	11.912	10.763	9.578	11.166	10.960	9.061
OTU 298	14.495	12.069	11.929	12.799	12.426	10.347	9.593	10.800	11.714	10.271
OTU 301	14.559	12.846	11.696	13.458	13.592	11.413	10.402	11.549	11.660	10.766
OTU 305	15.203	12.634	11.856	14.916	12.290	12.246	11.246	11.495	11.587	10.801
OTU 306	15.253	11.893	12.033	14.410	13.059	12.083	10.319	11.104	11.991	11.410
OTU 308	14.747	12.414	11.982	11.009	13.641	11.558	10.816	11.819	11.756	11.305
OTU 310	14.368	13.122	11.699	14.058	13.577	11.319	10.036	11.671	11.602	10.217
OTU 311	13.312	11.297	10.434	12.235	11.914	9.677	9.341	10.044	10.485	10.037
OTU 313	12.480	12.670	12.947	13.869	13.029	11.607	12.144	12.114	12.221	10.300
OTU 314	16.010	11.007	10.417	13.910	11.945	11.034	8.318	11.206	10.912	9.846
OTU 316	12.833	11.059	9.707	12.043	11.687	9.764	8.924	10.329	9.766	8.930
OTU 322	14.395	11.593	9.432	13.758	12.202	10.740	8.785	10.718	10.856	9.784
OTU 324	14.764	11.799	10.625	13.336	11.901	11.083	9.409	10.608	10.909	9.724
OTU 326	13.278	10.871	10.789	12.423	11.920	9.756	9.305	10.615	10.561	9.618
OTU 327	13.047	10.304	9.170	11.697	11.799	9.845	9.962	10.826	9.312	9.546
OTU 330	14.058	11.876	11.291	12.296	12.157	9.594	9.360	10.775	11.115	9.984
OTU 332	14.582	11.221	11.594	12.253	12.140	10.144	10.234	10.499	10.481	10.554
OTU 333	13.808	11.044	10.697	12.437	11.637	10.382	9.728	10.335	10.733	9.604
OTU 334	12.797	12.577	12.985	14.073	12.888	11.727	11.116	11.765	12.347	12.517
OTU 337	15.403	12.070	11.793	13.293	12.566	10.914	10.735	11.527	11.380	11.136
OTU 339	15.030	12.067	11.699	13.054	12.047	11.282	10.269	11.754	11.408	10.367
OTU 340	14.126	11.083	10.369	12.558	11.887	10.314	9.833	10.498	10.383	10.368
OTU 341	13.834	10.779	10.603	12.856	11.780	10.065	9.138	10.510	9.986	9.265
OTU 342	10.297	11.161	11.564	12.859	11.801	10.792	9.984	10.381	11.261	10.705
OTU 343	14.290	12.093	12.195	13.355	12.833	10.926	10.203	10.984	12.019	11.165
OTU 344	16.854	13.916	13.427	16.705	14.655	13.441	12.787	13.597	13.467	13.332
OTU 345	14.922	12.099	11.569	12.734	12.251	11.106	10.091	10.726	11.608	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	7.752	0.000								
OTU 276	9.632	6.297	0.000							
OTU 278	8.953	7.424	7.425							
OTU 280	5.876	7.233	8.637	0.000						
OTU 282	6.687	7.297	8.623	6.791	0.000					
OTU 283	11.308	10.980	8.672	11.005	9.984	11.113				
OTU 286	6.801	6.309	8.116	6.398	5.955	6.913	0.000			
OTU 288	7.546	6.408	8.678	7.679	6.737	7.408	6.955	0.000		
OTU 289	8.053	6.575	8.763	6.105	5.362	6.139	11.268	7.475	7.337	0.000
OTU 292	6.966	6.628	7.530	8.887	6.628	8.380	9.083	6.000	7.078	8.012
OTU 295	7.463	6.566	7.055	6.289	6.830	6.687	8.983	6.608	6.88	7.617
OTU 296	11.452	10.357	11.315	11.277	10.144	10.111	13.578	11.778	11.291	10.702
OTU 297	11.810	10.280	11.193	11.927	10.366	10.585	12.252	11.606	11.482	11.331
OTU 298	11.064	11.267	13.058	13.495	10.295	11.505	13.086	11.638	11.277	11.751
OTU 301	12.617	11.020	12.679	13.335	11.253	13.256	13.838	12.236	12.403	11.596
OTU 305	11.924	11.041	12.355	13.410	11.305	12.534	12.857	13.308	12.539	12.428
OTU 306	11.402	11.268	11.924	12.776	11.367	12.189	14.101	13.196	12.281	12.288
OTU 308	12.337	11.446	12.771	12.740	11.535	12.305	15.215	13.266	12.996	11.996
OTU 310	10.521	10.721	11.775	12.218	11.478	11.946	13.839	12.869	12.290	11.484
OTU 311	10.749	10.190	11.371	11.825	9.286	10.796	13.138	11.069	10.707	9.471
OTU 312	12.684	11.222	12.595	12.594	11.813	11.564	14.414	13.370	12.402	12.162
OTU 314	10.900	9.772	10.619	11.408	10.682	10.408	12.771	11.983	12.464	11.164
OTU 316	11.323	9.879	10.947	11.262	9.557	10.366	12.424	11.076	11.150	10.466
OTU 322	11.627	9.772	11.429	12.941	10.334	12.141	11.010	11.397	12.049	11.288
OTU 324	11.761	10.181	12.314	12.811	10.179	11.248	11.166	11.434	11.612	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	8.999	11.114	12.047	10.289	11.263	10.632
OTU 330	10.934	10.704	12.195	12.568	9.956	10.806	13.365	11.429	11.676	11.081
OTU 332	10.881	11.348	12.715	12.898	9.799	11.455	13.813	11.450	11.555	11.171
OTU 333	10.806	10.072	11.112	11.228	9.735	10.181	13.386	11.713	11.021	10.569
OTU 336	12.283	11.799	13.153	13.338	12.191	12.626	15.678	13.788	13.246	12.396
OTU 337	11.830	11.251	11.980	12.580	10.803	11.428	14.453	12.726	11.786	11.897
OTU 339	10.912	11.169	12.057	12.487	10.829	11.596	13.723	12.283	12.123	12.004
OTU 340	10.384	10.601	12.208	12.495	9.703	11.713	13.034	11.313	11.534	11.403
OTU 341	10.379	9.734	10.725	11.256	9.786	11.186	12.364	10.959	11.881	11.000
OTU 342	10.365	10.326	11.651	11.915	10.111	10.690	13.599	11.254	10.833	10.633
OTU 343	11.325	10.980	11.900	12.852	10.936	11.882	14.378	12.855	12.185	11.792
OTU 344	12.619	12.385	13.683	14.391	13.654	14.688	15.919	14.170	14.591	14.591
OTU 345	12.283	10.316	11.795	12.452	11.189	12.002	13.267	12.339	11.989	11.478

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	DTU 292	DTU 295	DTU 296	DTU 297	DTU 298	DTU 301	DTU 305	DTU 306	DTU 308	DTU 310
DTU 292	0.000									
DTU 295	8.495	0.000								
DTU 296	9.055	10.137	0.000							
DTU 297	9.507	9.751	5.020	0.000						
DTU 298	8.352	10.259	7.892	6.993	0.000					
DTU 301	9.040	10.163	8.173	7.666	6.156	0.000				
DTU 305	9.088	10.269	7.699	6.611	7.769	6.935	0.000			
DTU 306	9.063	10.133	7.558	7.729	8.202	7.639	8.295	0.000		
DTU 308	10.789	11.622	7.775	9.359	9.910	7.837	7.827	7.482	0.000	
DTU 310	9.386	10.400	6.417	5.607	8.328	8.237	9.940	6.856	8.511	0.000
DTU 311	8.296	9.186	8.902	6.959	7.775	6.573	6.618	6.296	6.164	5.293
DTU 313	10.163	12.099	6.750	7.327	9.462	8.920	7.384	7.659	7.082	5.695
DTU 314	8.902	9.889	6.493	7.717	9.681	10.005	6.750	6.719	7.816	7.475
DTU 316	9.155	9.353	6.769	7.811	8.071	7.821	6.801	7.111	5.871	6.293
DTU 322	9.058	8.943	7.728	6.789	7.521	6.634	5.872	7.099	8.576	6.429
DTU 324	8.283	9.541	7.428	6.666	6.615	7.029	6.268	6.199	9.117	7.327
DTU 326	8.817	9.194	5.229	6.289	7.007	6.237	6.642	6.650	5.564	5.555
DTU 327	8.163	8.529	9.146	8.633	7.890	8.506	7.147	7.719	8.169	8.169
DTU 330	8.379	9.927	6.570	6.399	5.520	5.769	7.382	7.921	6.713	6.294
DTU 332	8.716	9.586	8.101	6.123	7.060	6.610	6.107	6.296	8.383	7.634
DTU 333	9.319	10.0.5	5.267	5.488	7.788	7.633	6.495	6.145	5.721	5.051
DTU 336	11.251	12.058	9.416	10.246	10.162	8.483	7.560	6.431	5.246	7.273
DTU 337	9.894	11.037	7.513	7.907	9.341	8.754	7.188	6.825	6.999	6.639
DTU 339	8.813	10.814	2.665	5.964	7.046	7.656	7.186	7.236	7.356	6.434
DTU 340	6.082	5.767	8.077	7.169	6.470	6.246	7.479	7.134	8.059	7.344
DTU 341	7.672	6.963	6.116	5.967	7.585	6.309	5.965	6.229	5.759	5.383
DTU 342	9.732	10.107	6.818	6.577	8.096	8.104	5.869	4.842	7.100	6.613
DTU 343	9.412	11.114	7.345	7.587	7.669	7.303	5.790	5.308	5.866	5.304
DTU 344	11.454	12.290	10.190	9.884	11.742	10.179	7.685	7.790	8.384	8.159
DTU 345	9.581	10.846	8.727	7.666	8.923	7.416	6.853	6.840	7.628	5.742

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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	6.779	8.857	0.000							
OTU 316	6.776	6.999	6.691	0.000						
OTU 322	7.089	5.622	7.568	6.553	0.000					
OTU 324	7.237	7.574	8.798	7.071	5.134	0.000				
OTU 326	6.266	6.651	7.323	4.829	6.352	6.194	0.000			
OTU 327	8.171	9.782	8.340	6.673	7.039	7.393	6.617	0.000		
OTU 330	6.999	6.869	8.389	6.491	6.859	6.194	4.101	7.406	0.000	
OTU 332	4.569	7.325	10.113	7.111	7.404	6.623	5.028	8.233	4.750	0.000
OTU 333	4.236	5.532	6.827	6.122	7.388	7.498	4.632	7.579	6.166	7.288
OTU 336	8.004	8.486	8.546	7.919	9.051	10.076	7.491	9.792	8.202	9.114
OTU 337	6.676	5.376	8.408	5.479	6.670	7.851	5.959	8.051	6.911	6.381
OTU 339	7.033	5.098	7.911	6.406	7.009	6.596	4.906	7.847	6.177	5.893
OTU 340	6.160	8.181	9.497	7.096	7.308	6.192	5.669	7.401	5.717	4.614
OTU 341	6.113	6.943	6.583	5.904	5.626	6.797	4.244	6.168	5.349	6.441
OTU 342	6.118	6.710	6.454	7.077	7.616	8.106	6.198	8.401	7.413	8.205
OTU 343	6.203	6.259	6.098	6.608	6.959	8.394	5.581	8.186	6.667	7.593
OTU 344	9.051	8.324	9.475	9.349	9.381	10.612	8.920	10.275	9.819	9.989
OTU 345	6.085	6.916	9.237	6.688	7.139	7.178	6.645	9.171	7.688	7.776

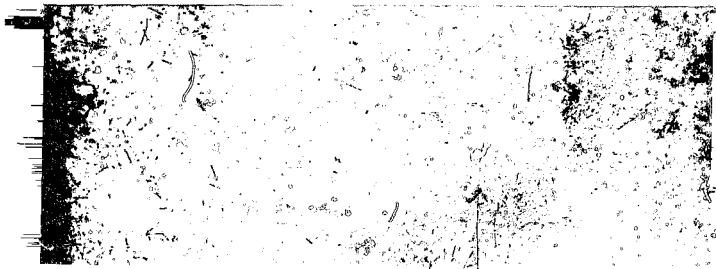


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COMPUTE EUCLIDEAN DISTANCE

	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	7.342	0.000								
OTU 337	5.613	8.165	0.000							
OTU 339	4.795	8.788	5.029	0.000						
OTU 340	8.919	9.202	6.581	0.107	0.000					
OTU 341	4.624	6.965	6.437	5.123	5.659	0.000				
OTU 342	4.812	6.552	6.559	6.588	8.228	5.951	0.000			
OTU 343	5.302	5.436	6.182	6.187	7.603	5.514	3.846	0.000		
OTU 344	7.936	8.248	7.390	8.878	9.241	7.240	8.039	7.566	0.000	
OTU 345	6.162	7.581	5.691	6.141	6.684	6.362	7.004	6.427	8.763	0.000



APPENDIX IID

Matrix of Distance Values for
138 Male OTUs

IDENTIFICATION:
COMPUTE DISTANCE

PAGE 1

	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								
OTU 048	1.566	1.338	1.036	0.000						
OTU 055	1.676	1.360	1.152	0.096						
OTU 056	1.282	1.230	1.125	1.234	1.117	0.000				
OTU 062	1.794	1.314	1.103	0.976	1.025	1.183	0.000	0.000		
OTU 063	1.726	1.557	1.369	1.013	1.024	1.112	1.029	0.000		
OTU 065	2.000	1.310	1.211	1.138	1.277	1.349	0.788	1.358	0.000	
OTU 069	1.659	1.373	1.065	1.188	1.326	1.472	3.079	1.255	1.178	0.000
OTU 072	1.706	1.330	1.235	1.305	1.369	1.378	1.195	1.322	1.291	1.235
OTU 073	1.737	1.299	1.028	1.103	1.411	1.626	1.132	1.484	1.282	0.979
OTU 074	1.814	1.58	1.360	1.038	1.304	1.421	0.908	1.216	0.780	0.910
OTU 075	1.840	1.298	1.269	1.290	1.777	1.297	0.800	1.133	0.828	0.982
OTU 079	1.953	1.572	1.527	1.472	1.501	1.305	1.059	1.226	1.025	1.165
OTU 081	1.754	1.668	1.369	1.504	1.539	1.500	1.075	1.232	0.981	1.196
OTU 082	1.971	1.492	1.901	1.433	1.280	1.366	1.012	1.299	1.023	1.250
OTU 084	1.576	1.385	1.255	0.990	1.227	1.357	0.875	1.051	1.156	0.871
OTU 087	1.421	1.185	1.066	1.094	1.222	0.999	0.920	1.185	1.024	1.107
OTU 089	1.723	1.605	1.277	1.250	1.445	1.307	1.014	1.293	1.232	1.174
OTU 092	1.778	1.456	1.448	1.065	1.290	1.435	1.076	1.308	1.205	1.046
OTU 095	2.225	1.929	1.864	2.034	1.876	1.726	1.706	1.791	1.715	1.875
OTU 096	2.560	2.028	2.026	2.130	1.993	2.075	1.759	1.958	1.655	1.899
OTU 098	2.879	1.760	1.870	1.274	1.869	1.922	1.561	1.664	1.531	1.548
OTU 099	1.774	1.496	1.312	1.107	1.109	1.019	0.787	1.127	0.886	1.065
OTU 101	2.424	2.003	1.798	1.883	1.809	1.818	1.577	1.951	1.431	1.855
OTU 103	1.901	1.920	1.371	1.114	1.211	1.429	0.957	1.368	0.977	1.052
OTU 105	1.810	1.486	1.474	1.066	1.159	1.520	1.139	1.463	1.377	1.173
OTU 107	1.484	1.368	1.055	0.815	0.995	1.146	0.806	1.219	1.128	1.113
OTU 109	2.433	2.613	1.898	1.178	1.391	1.463	1.555	1.608	1.679	1.578
OTU 111	1.800	1.019	1.946	1.335	1.500	1.576	1.267	1.718	1.529	1.320
OTU 113	1.816	1.702	1.474	1.000	1.007	1.235	1.049	1.422	1.310	1.294
OTU 117	1.462	1.460	1.280	0.998	1.131	0.886	1.038	1.375	1.200	1.144
OTU 118	1.725	1.484	1.238	0.972	1.194	1.12	0.957	1.330	0.969	1.081
OTU 120	2.172	1.699	1.709	1.891	1.705	1.617	1.499	1.857	1.885	1.686
OTU 121	2.399	1.993	1.965	1.987	1.907	1.907	1.693	2.037	1.571	1.918
OTU 123	2.519	2.104	2.009	2.014	1.961	1.907	1.736	2.014	1.947	1.945
OTU 124	2.486	2.073	1.962	1.926	1.849	1.959	1.613	1.918	1.603	1.784
OTU 126	2.194	1.609	1.537	1.506	1.605	1.585	1.076	1.416	1.149	1.182
OTU 128	2.124	1.728	1.432	1.244	1.259	1.570	0.942	1.389	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	1.876	1.590	1.290	1.181	1.294	1.294	0.941	1.304	1.024	1.177
OTU 134	1.820	1.552	1.249	0.930	0.966	1.417	0.953	1.392	1.120	1.213
OTU 137	1.723	1.388	1.236	0.950	0.979	1.098	0.844	1.298	1.110	1.158
OTU 139	2.014	1.624	1.375	1.267	1.214	1.626	1.174	1.505	1.227	1.414
OTU 141	1.735	1.360	1.008	1.083	1.375	1.416	1.037	1.370	1.123	1.199
OTU 142	1.715	1.260	1.167	1.210	0.976	1.257	0.759	1.285	0.987	1.018
OTU 144	1.990	1.737	1.397	1.379	1.317	1.538	1.060	1.425	1.224	1.828
OTU 146	1.690	1.475	1.346	1.294	1.243	1.260	1.034	1.428	1.278	0.871
OTU 148	2.051	1.649	1.439	1.254	1.2	1.426	0.829	1.320	0.918	1.152

PLEASE TURN THE PAGE

CONTINUATION OF
COMPUTE DISTANCE

PAGE 2

	OTU 040	OTU 041	OTU 04A	OTU 04B	OTU 055	OTU 056	OTU 062	OTU 061	OTU 065	OTU 069
OTU 150	1.172	1.169	1.227	1.110	1.150	1.230	0.983	1.112	1.193	0.778
OTU 154	2.147	1.611	1.319	1.336	1.238	1.645	0.978	1.269	0.959	1.205
OTU 156	2.054	1.709	1.472	1.423	1.357	1.706	1.104	1.736	1.263	1.517
OTU 157	1.634	1.693	1.303	1.164	1.205	1.471	0.963	1.402	1.171	1.057
OTU 160	2.119	1.649	1.256	1.367	1.302	1.696	1.205	1.710	1.305	1.415
OTU 161	1.939	1.550	1.365	1.208	1.333	1.483	0.966	1.712	1.014	1.773
OTU 163	1.772	1.305	1.354	1.180	1.212	1.377	0.984	1.201	1.015	1.169
OTU 168	1.994	1.350	1.393	1.340	1.297	1.637	0.999	1.473	1.027	1.114
OTU 169	2.169	1.711	1.516	1.404	1.343	1.441	1.132	1.668	1.126	1.412
OTU 170	1.957	1.444	1.244	1.141	1.205	1.434	0.899	1.379	0.767	1.322
OTU 172	2.269	2.060	2.049	1.192	1.180	2.111	2.081	2.341	2.061	1.937
OTU 173	2.190	1.611	1.934	2.269	2.199	2.108	2.024	2.272	1.979	1.912
OTU 174	2.087	1.656	1.602	1.808	1.773	1.701	1.376	1.686	1.284	1.453
OTU 175	2.056	1.586	1.519	1.617	1.605	1.717	1.242	1.775	1.370	1.428
OTU 176	1.963	1.635	1.565	1.606	1.474	1.387	1.144	1.471	1.127	1.285
OTU 178	1.759	1.434	1.303	1.475	1.371	1.247	1.258	1.414	1.258	1.606
OTU 179	1.832	1.197	1.375	1.408	1.312	1.439	1.094	1.433	1.062	1.089
OTU 180	1.610	1.419	1.385	1.287	1.430	1.257	1.070	1.273	1.239	1.177
OTU 184	1.910	1.424	1.292	1.199	1.149	1.251	0.762	1.161	0.659	0.991
OTU 185	1.916	1.451	1.439	1.511	1.251	1.478	1.089	1.494	1.103	1.344
OTU 188	1.840	1.344	1.296	1.257	1.274	1.355	0.874	1.280	0.965	1.137
OTU 190	1.824	1.398	1.185	1.225	1.427	1.344	0.818	1.239	0.770	1.163
OTU 192	1.890	1.295	1.332	1.385	1.340	1.386	0.908	1.414	0.867	1.171
OTU 193	1.942	1.520	1.423	1.419	1.336	1.303	1.007	1.022	1.035	1.492
OTU 195	1.849	1.494	1.315	1.225	1.261	1.252	0.938	1.326	1.035	1.109
OTU 196	1.600	1.707	1.392	1.273	1.136	1.176	0.952	1.295	1.238	1.283
OTU 201	1.944	1.487	1.311	1.403	1.351	1.333	1.050	1.375	1.029	1.442
OTU 203	1.792	1.417	1.212	1.322	1.246	1.367	0.916	1.229	0.941	1.255
OTU 204	1.977	1.670	1.424	1.231	1.145	1.349	0.905	1.311	1.074	1.251
OTU 205	1.690	1.360	1.200	1.570	1.233	1.341	1.123	1.410	0.969	1.376
OTU 207	1.829	1.475	1.258	1.317	1.269	1.293	0.976	1.412	0.990	1.246
OTU 208	1.801	1.456	1.406	1.498	1.304	1.292	1.081	1.304	1.130	1.404
OTU 211	1.829	1.290	1.513	1.567	1.263	1.426	1.260	1.617	1.338	1.404
OTU 214	2.203	1.462	1.671	1.604	1.228	1.706	1.183	1.649	1.159	1.296
OTU 215	1.995	1.636	1.401	1.551	1.461	1.651	1.202	1.403	1.303	1.303
OTU 217	1.940	1.531	1.492	1.762	1.625	1.274	1.133	1.660	1.302	1.352
OTU 219	2.072	1.629	1.635	1.759	1.695	1.695	1.421	1.674	1.442	1.347
OTU 222	2.090	1.964	1.474	1.572	1.645	1.876	1.685	1.977	1.665	1.676
OTU 223	1.962	1.618	1.518	1.343	1.260	1.597	1.274	1.749	1.248	1.446
OTU 224	1.986	1.437	1.445	1.228	1.236	1.590	1.146	1.666	1.069	1.095
OTU 226	1.74	1.636	1.437	1.235	1.291	1.351	1.172	1.563	1.287	1.449
OTU 229	1.1	1.213	1.099	1.275	1.290	1.280	1.080	1.546	1.197	1.379
OTU 232	1.1	1.167	1.168	1.201	1.205	1.209	0.877	1.267	1.074	1.376
OTU 233	1.1	1.699	1.479	1.280	1.388	1.752	1.316	1.264	1.366	1.397
OTU 237	1.1	1.597	1.247	1.316	1.248	1.313	1.116	1.506	1.101	1.466
OTU 238	1.551	1.563	1.404	1.263	1.117	1.512	0.993	1.493	1.195	1.237
OTU 240	1.644	1.673	1.377	1.304	1.392	1.584	1.132	1.958	1.376	1.459
OTU 242	1.123	1.182	1.309	1.228	1.107	1.387	1.027	1.476	1.186	1.127
OTU 245	1.726	1.416	1.211	1.223	1.318	1.337	1.128	1.642	1.096	1.253
OTU 250	1.625	1.272	1.21	1.349	1.303	1.376	1.110	1.441	1.146	1.233

PLEASE TURN THE PAGE

CONTINUATION OF
COMPUTE DISTANCE

PAGE 3

	OTU 040	OTU 041	OTU 044	OTU 046	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	1.534	1.054	1.230
OTU 255	1.703	1.222	1.343	1.489	1.491	1.505	1.257	1.728	1.294	1.413
OTU 257	1.603	1.262	1.362	1.282	1.468	1.399	0.956	1.163	1.041	0.990
OTU 256	1.787	1.373	1.191	1.199	1.185	1.281	0.942	1.442	1.106	1.291
OTU 261	1.733	1.236	1.074	1.266	1.227	1.371	1.019	1.079	1.125	1.339
OTU 263	1.826	1.462	1.309	1.430	1.359	1.434	1.175	1.595	1.373	1.516
OTU 265	1.620	1.340	1.166	1.140	1.171	1.417	1.056	1.478	1.204	1.158
OTU 267	1.736	1.309	1.192	1.149	1.125	1.370	0.975	1.426	1.161	1.255
OTU 269	1.683	1.349	1.097	1.039	1.062	1.371	1.054	1.420	1.207	1.308
OTU 271	1.753	1.247	1.255	1.356	1.241	1.427	0.981	1.314	1.124	1.177
OTU 274	1.639	1.387	1.122	1.244	1.209	1.447	0.977	1.454	1.124	1.155
OTU 275	1.801	1.343	1.266	1.304	1.358	1.500	1.052	1.363	1.117	1.212
OTU 277	1.911	1.401	1.322	1.311	1.350	1.515	1.040	1.598	1.044	1.253
OTU 279	1.622	1.328	1.435	1.342	1.322	1.478	1.062	1.365	1.182	1.006
OTU 280	2.009	1.622	1.476	1.237	1.226	1.581	1.100	1.567	1.330	1.289
OTU 282	1.579	1.425	1.344	1.284	1.143	1.289	0.865	1.496	1.059	1.244
OTU 287	1.627	1.523	1.439	1.460	1.392	1.517	1.247	1.552	1.489	1.198
OTU 290	1.628	1.370	1.200	1.159	1.111	1.356	0.731	1.176	0.913	1.079
OTU 293	1.996	1.539	1.300	1.263	1.291	1.553	0.942	1.268	1.210	1.317
OTU 294	1.717	1.401	1.183	1.163	1.091	1.191	0.898	1.212	1.128	1.246
OTU 296	2.402	1.809	1.723	2.009	1.828	1.932	1.509	1.851	1.438	1.610
OTU 302	2.194	1.764	1.593	1.765	1.648	1.694	1.415	1.877	1.351	1.539
OTU 302	2.013	1.581	1.680	1.980	1.683	1.695	1.552	1.832	1.583	1.503
OTU 303	2.043	1.555	1.604	1.639	1.514	1.723	1.332	1.685	1.432	1.530
OTU 304	1.838	1.555	1.678	1.979	1.842	1.555	1.550	1.622	1.662	1.568
OTU 307	1.421	1.882	1.863	1.927	1.800	1.914	1.514	1.839	1.626	1.524
OTU 309	2.146	1.638	1.714	1.797	1.747	1.718	1.432	1.734	1.446	1.490
OTU 316	1.975	1.507	1.495	1.666	1.523	1.538	1.320	1.562	1.357	1.411
OTU 315	2.251	1.717	1.685	1.868	1.673	1.760	1.417	1.814	1.391	1.674
OTU 317	1.770	1.601	1.604	1.767	1.648	1.514	1.431	1.663	1.555	1.411
OTU 323	2.132	1.965	1.996	1.996	1.912	1.913	1.730	2.003	1.705	1.870
OTU 325	1.954	1.603	1.705	1.866	1.692	1.727	1.420	1.685	1.561	1.203
OTU 326	2.065	1.731	1.487	1.545	1.482	1.617	1.140	1.370	1.322	1.353
OTU 329	2.066	1.600	1.550	1.555	1.469	1.557	1.154	1.506	1.177	1.099
OTU 331	2.094	1.632	1.674	1.813	1.713	1.751	1.346	1.643	1.361	1.256
OTU 334	2.151	1.618	1.644	1.760	1.663	1.804	1.342	1.674	1.366	1.488
OTU 335	2.225	1.638	1.812	1.977	1.885	2.007	1.590	1.907	1.633	1.436
OTU 338	2.250	1.672	1.966	2.117	1.979	2.104	1.750	1.986	1.619	1.460

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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 072	0.000									
OTU 073	1.318	0.000								
OTU 074	1.312	1.241								
OTU 075	1.092	1.100	0.815							
OTU 079	0.432	1.428	0.915	0.815						
OTU 081	1.304	1.461	0.818	0.880						
OTU 082	1.123	1.424	1.029	0.973						
OTU 084	1.220	0.943	1.082	0.978						
OTU 087	0.865	1.016	1.056	0.863						
OTU 089	1.530	1.499	1.154	1.119						
OTU 092	1.062	1.050	1.264	1.111						
OTU 095	2.066	2.066	1.956	1.956						
OTU 096	2.205	2.235	1.571	1.673						
OTU 098	2.006	1.950	1.833	1.481						
OTU 099	1.048	1.365	0.903	0.822						
OTU 101	2.129	2.059	1.482	1.608						
OTU 103	1.133	1.119	1.134	0.971						
OTU 105	1.455	1.184	1.436	1.182						
OTU 107	1.276	1.205	1.122	1.042						
OTU 109	1.547	1.422	1.697	1.555						
OTU 111	1.608	1.581	1.421	1.568						
OTU 113	1.469	1.37	1.378	1.388						
OTU 117	1.300	1.280	1.210	1.153						
OTU 118	1.273	1.163	1.115	0.962						
OTU 120	1.971	1.962	1.480	1.422						
OTU 121	2.311	2.040	1.656	1.724						
OTU 123	2.384	2.360	1.777	1.909						
OTU 124	2.121	2.091	1.555	1.579						
OTU 126	1.642	1.514	1.124	1.004						
OTU 128	1.413	1.497	1.161	1.099						
OTU 131	1.285	1.480	1.263	1.007						
OTU 133	1.460	1.332	0.980	0.913						
OTU 134	1.254	1.400	1.220	1.134						
OTU 137	1.159	1.167	1.216	0.910						
OTU 139	1.316	1.252	1.393	1.234						
OTU 141	1.241	1.233	1.332	1.189						
OTU 142	1.112	0.997	0.983	0.773						
OTU 144	1.252	1.328	1.177	1.121						
OTU 146	1.467	1.345	1.337	1.091						
OTU 148	1.271	1.416	0.948	0.919						
OTU 150	1.225	0.991	0.955	0.968						
OTU 154	1.307	1.441	1.066	0.967						
OTU 156	1.392	1.296	1.109	1.313						
OTU 157	1.482	1.182	1.122	1.035						
OTU 160	1.441	1.109	1.087	0.832						
OTU 161	1.293	1.025	0.946	0.193						
OTU 163	1.179	1.241	1.077	1.002						
OTU 168	1.105	1.105	0.937	0.895						
OTU 169	1.394	1.469	1.443	1.197						
OTU 170	1.227	1.428	1.903	1.041						

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CONTINUATION OF
COMPUTE DISTANCE

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	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 172	2.475	2.197	1.857	2.015	1.999	1.800	2.310	1.970	2.013	1.967
OTU 173	2.409	2.102	1.876	1.881	1.667	1.677	2.297	1.946	2.023	1.782
OTU 174	1.948	1.743	1.158	1.154	1.266	1.148	1.662	1.546	1.666	1.163
OTU 175	1.730	1.697	1.132	1.269	1.351	1.260	1.677	1.460	1.571	1.138
OTU 176	1.696	1.714	0.880	1.028	0.853	0.929	1.214	1.190	1.337	0.829
OTU 178	1.574	1.706	1.114	1.126	1.296	1.100	1.702	1.465	1.280	1.272
OTU 179	1.386	1.307	1.034	0.961	1.178	0.749	1.034	1.243	1.147	1.274
OTU 180	1.269	1.333	1.221	1.081	0.990	1.012	1.331	1.027	0.897	0.857
OTU 184	1.206	1.326	0.863	0.726	0.953	1.017	0.919	1.097	1.070	1.110
OTU 185	1.310	1.424	1.077	1.196	1.172	1.022	0.982	1.288	1.081	1.406
OTU 188	1.161	1.304	1.011	0.865	1.055	0.978	1.005	1.034	0.934	1.173
OTU 190	1.255	1.288	0.812	0.785	1.021	0.964	0.996	1.154	0.940	1.075
OTU 192	1.289	1.169	0.637	0.834	0.987	0.897	0.909	1.180	0.997	1.272
OTU 193	1.384	1.274	1.196	1.100	1.195	1.082	0.895	1.468	1.367	1.394
OTU 195	1.361	1.331	1.037	0.975	1.005	1.080	1.109	1.043	1.013	1.186
OTU 196	1.402	1.508	1.187	1.057	1.056	1.222	1.096	1.123	1.077	1.052
OTU 201	1.303	1.609	1.251	1.079	1.206	1.115	1.040	1.349	1.132	1.411
OTU 203	1.273	1.399	0.948	1.032	1.017	0.956	1.034	1.031	1.020	1.133
OTU 204	1.425	1.511	1.187	1.081	1.022	1.115	1.152	0.881	1.119	1.171
OTU 205	1.359	1.518	1.050	0.989	1.037	0.845	1.031	1.333	1.102	1.373
OTU 207	1.400	1.569	1.117	1.036	1.119	1.023	1.044	1.233	1.074	1.227
OTU 208	1.361	1.564	1.139	0.977	1.018	0.941	0.929	1.318	1.090	1.199
OTU 211	1.657	1.745	1.328	1.312	1.239	1.102	1.253	1.516	1.358	1.291
OTU 214	1.744	1.838	1.167	1.197	1.087	1.154	1.444	1.433	1.480	1.267
OTU 215	1.644	1.700	1.164	1.331	1.165	1.175	1.450	1.366	1.460	1.262
OTU 217	1.731	1.611	1.167	1.176	1.072	1.104	1.508	1.397	1.373	1.262
OTU 219	1.676	1.736	1.182	1.341	1.229	1.320	1.696	1.495	1.596	1.274
OTU 222	1.646	1.543	1.749	1.851	1.980	1.683	1.674	1.503	1.563	1.961
OTU 223	1.343	1.437	1.462	1.281	1.660	1.504	1.305	1.456	1.276	1.732
OTU 224	1.287	1.286	1.125	1.080	1.264	1.350	1.137	1.056	1.119	1.280
OTU 226	1.336	1.412	1.442	1.294	1.460	1.485	1.279	1.225	1.062	1.272
OTU 228	1.408	1.403	1.151	1.111	1.316	1.099	1.316	1.051	1.070	1.130
OTU 232	1.282	1.371	1.261	1.028	1.256	1.205	1.167	1.121	0.997	1.187
OTU 233	1.325	1.306	1.500	1.370	1.658	1.648	1.361	1.279	1.177	1.561
OTU 237	1.193	1.435	1.374	1.105	1.461	1.386	1.135	1.249	1.100	1.987
OTU 238	1.177	1.113	1.289	1.010	1.376	1.457	1.193	1.138	1.065	1.315
OTU 240	1.353	1.321	1.462	1.301	1.509	1.432	1.303	1.365	1.253	1.342
OTU 242	1.373	1.088	1.228	1.045	1.335	1.165	1.035	1.043	0.838	1.228
OTU 245	1.380	1.239	1.231	1.112	1.297	1.238	1.200	1.204	0.890	1.376
OTU 246	1.024	1.165	1.195	1.028	1.345	1.101	0.961	1.125	0.896	1.167
OTU 253	1.101	1.172	1.080	1.012	1.204	1.025	1.034	1.184	0.829	1.391
OTU 259	1.389	1.360	1.355	1.225	1.487	1.195	1.265	1.461	1.175	1.461
OTU 257	1.180	1.095	0.936	0.859	0.977	0.820	0.902	0.888	0.815	0.775
OTU 258	1.331	1.284	1.231	0.944	1.314	1.203	1.238	1.115	1.048	1.180
OTU 261	1.368	1.278	0.926	1.034	1.282	1.127	1.287	1.089	0.998	1.201
OTU 263	1.669	1.574	1.453	1.260	1.432	1.361	1.377	1.352	1.251	1.719
OTU 265	1.112	1.012	1.241	1.085	1.264	1.299	1.272	0.989	0.837	1.324
OTU 267	1.235	1.119	1.283	1.021	1.353	1.276	1.047	1.046	0.901	0.885
OTU 269	1.110	1.183	1.404	1.134	1.431	1.426	1.279	0.999	0.905	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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CONTINUATION OF
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	OTU 072	OTU 073	OTU 074	OTU 075	OTU 076	OTU 081	OTU 082	OTU 084	OTU 087	OTU 089
OTU 274	1.300	1.173	1.203	0.677	1.199	1.268	1.228	1.010	0.968	1.272
OTU 275	1.151	1.081	1.107	0.999	1.293	1.267	1.189	1.064	0.918	1.290
OTU 277	1.136	1.053	1.197	0.990	1.376	1.290	1.170	1.129	0.945	1.420
OTU 279	1.214	1.121	1.050	0.935	1.157	1.236	1.064	1.104	0.961	1.297
OTU 284	1.319	1.083	1.473	1.146	1.396	1.578	1.332	1.137	1.134	1.499
OTU 285	1.188	1.136	1.269	1.051	1.475	1.331	1.094	1.197	1.141	1.491
OTU 287	1.419	1.277	1.382	1.183	1.436	1.356	1.320	1.258	1.100	1.365
OTU 290	1.313	1.034	0.982	0.898	1.070	1.118	1.012	1.022	0.943	1.060
OTU 293	1.397	1.77	1.270	1.099	1.275	1.251	1.232	1.251	1.247	1.189
OTU 294	1.125	1.398	1.215	0.925	1.080	1.161	0.967	1.083	0.916	1.194
OTU 299	1.268	1.461	1.434	1.371	1.319	1.369	1.701	1.731	1.697	1.695
OTU 300	1.906	1.671	1.389	1.372	1.266	1.514	1.681	1.520	1.470	1.368
OTU 306	1.464	1.406	1.428	1.447	1.291	1.330	1.654	1.592	1.611	1.519
OTU 303	1.750	1.587	1.236	1.338	1.309	1.354	1.562	1.429	1.503	1.511
OTU 304	1.924	1.876	1.432	1.354	1.225	1.056	1.098	1.685	1.581	1.373
OTU 307	2.092	1.875	1.401	1.488	1.344	1.518	1.861	1.635	1.822	1.431
OTU 309	1.837	1.746	1.347	1.358	1.199	1.280	1.583	1.509	1.322	1.331
OTU 312	1.888	1.767	1.295	1.292	1.223	1.297	1.699	1.433	1.272	1.131
OTU 315	1.300	1.111	1.209	1.351	1.314	1.297	1.529	1.683	1.610	1.563
OTU 317	1.772	1.703	1.238	1.334	1.158	1.269	1.296	1.487	1.416	1.287
OTU 323	2.066	1.994	1.377	1.755	1.598	1.785	1.842	1.696	1.843	1.639
OTU 325	1.752	1.606	1.486	1.295	1.218	1.759	1.555	1.573	1.570	1.317
OTU 326	1.616	1.670	1.184	1.212	1.215	1.390	1.440	1.263	1.466	1.215
OTU 329	1.798	1.567	1.012	1.075	1.100	1.110	1.401	1.331	1.443	1.189
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	1.292	1.299	1.339	1.508	1.446	1.621	1.414
OTU 335	1.928	1.726	1.308	1.477	1.468	1.361	1.711	1.636	1.816	1.676
OTU 338	1.986	1.750	1.354	1.469	1.584	1.366	1.729	1.824	1.816	1.767

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	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	2.303	0.813								
OTU 098	2.075	1.165	1.034	0.000						
OTU 099	1.098	1.555	1.746	1.007	0.000					
OTU 101	2.112	1.196	1.071	1.320	1.500	0.000				
OTU 103	0.998	2.097	2.135	1.971	0.936	1.854	0.000			
OTU 105	1.033	2.203	2.291	1.939	1.252	2.094	1.199	0.000		
OTU 107	1.074	1.866	2.038	1.885	0.807	1.781	1.072	1.013	0.000	
OTU 109	1.322	2.866	2.551	2.552	1.427	2.361	1.773	1.718	0.972	0.000
OTU 111	1.434	2.172	2.292	2.235	1.287	1.976	1.279	1.275	1.256	1.307
OTU 113	1.125	2.141	2.256	2.157	0.987	2.000	0.999	1.276	1.031	1.193
OTU 117	1.000	1.916	2.147	1.975	0.729	1.836	0.925	1.059	1.779	1.121
OTU 118	0.892	2.012	2.074	1.879	0.830	1.876	0.825	1.091	0.791	1.228
OTU 120	2.046	0.998	1.050	0.977	1.449	0.885	1.852	1.858	1.693	2.209
OTU 121	2.105	1.300	1.169	1.327	1.725	0.995	2.040	1.060	1.940	2.771
OTU 123	2.260	1.255	1.271	1.224	1.641	0.917	2.091	2.112	1.979	2.577
OTU 124	2.075	1.105	0.980	1.220	1.275	0.921	1.899	2.028	1.785	2.324
OTU 126	1.474	1.438	1.437	1.114	1.122	1.326	1.392	1.444	1.411	1.966
OTU 128	1.157	1.877	1.900	1.799	0.955	1.701	0.951	1.870	1.177	1.738
OTU 131	1.272	1.998	2.033	1.968	0.674	1.813	0.913	1.360	0.910	1.480
OTU 133	1.094	1.630	1.739	1.566	0.851	1.502	1.098	1.200	0.916	1.607
OTU 134	0.960	0.824	2.047	2.019	1.035	1.970	0.940	1.216	0.974	1.339
OTU 137	0.978	1.943	2.069	1.991	0.819	1.863	0.832	0.955	0.811	1.185
OTU 139	1.070	2.294	2.268	2.248	1.302	2.101	0.928	1.116	1.309	1.802
OTU 141	1.077	2.038	2.094	1.797	1.033	1.919	1.061	1.198	1.038	1.289
OTU 142	1.060	1.786	1.835	1.632	0.921	1.680	0.895	1.054	1.055	1.506
OTU 144	1.206	1.896	2.064	2.107	1.026	1.914	1.031	1.450	1.032	1.409
OTU 146	1.256	1.859	2.094	1.802	0.943	1.707	1.188	1.228	1.065	1.950
OTU 148	1.237	1.696	1.710	1.625	0.779	1.612	0.995	1.403	1.193	1.764
OTU 150	1.016	1.786	1.917	1.583	0.932	1.745	0.948	0.996	0.903	1.252
OTU 154	1.378	1.752	1.696	1.633	1.118	1.355	1.183	1.381	1.214	2.000
OTU 156	1.313	2.293	2.255	2.100	1.284	2.004	0.928	1.479	1.262	1.378
OTU 157	1.203	1.992	2.069	1.765	1.017	1.820	1.082	1.150	0.876	1.444
OTU 160	1.098	2.214	2.102	1.102	1.308	2.078	1.107	1.152	1.307	2.618
OTU 161	1.060	1.936	2.022	1.885	0.845	1.823	0.858	1.070	0.893	1.434
OTU 163	0.893	1.942	1.023	1.822	0.906	1.872	0.871	1.071	1.005	1.304
OTU 168	1.087	2.919	1.849	1.635	1.118	1.695	1.043	1.256	1.141	1.673
OTU 169	1.168	2.162	2.132	2.020	1.132	2.063	1.171	1.427	1.315	1.779
OTU 170	1.204	1.808	1.872	1.614	0.872	1.566	0.805	1.307	1.006	1.536
OTU 172	2.318	1.595	1.615	1.687	1.271	1.688	2.299	2.382	2.031	2.519
OTU 173	2.323	1.675	1.732	1.316	1.587	1.693	2.233	2.163	2.008	2.412
OTU 174	1.809	1.946	1.800	0.979	1.152	1.362	1.696	1.767	1.567	2.155
OTU 175	1.670	1.397	1.497	1.060	1.343	1.588	1.676	1.923	1.436	1.951
OTU 176	1.563	1.238	1.458	1.157	0.902	1.381	1.191	1.590	1.332	1.834
OTU 179	1.497	1.705	1.949	1.788	1.110	1.785	1.357	1.859	1.270	1.887
OTU 179	1.158	1.829	1.869	1.331	1.057	1.756	1.707	1.299	1.179	1.632
OTU 180	1.000	1.436	2.065	1.775	0.841	1.858	1.166	0.829	1.065	1.831
OTU 184	1.059	1.684	1.758	1.490	0.748	1.603	0.925	1.179	0.974	1.612
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
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PAGE 8

	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 198	1.092	1.625	1.791	1.548	0.875	1.662	0.934	1.287	1.148	1.636
OTU 199	1.227	1.636	1.697	1.547	0.796	1.598	0.997	1.245	0.907	1.535
OTU 192	1.160	1.679	1.670	1.599	0.952	1.528	1.140	1.454	1.194	1.700
OTU 193	1.265	1.730	1.737	1.749	0.901	1.810	1.200	1.440	1.254	1.660
OTU 195	1.111	1.712	1.823	1.598	0.829	1.655	1.013	1.307	1.131	1.622
OTU 198	1.100	1.736	1.869	1.844	0.695	1.752	1.081	1.360	0.993	1.466
OTU 201	1.290	1.748	1.928	1.812	0.970	1.849	1.117	1.532	1.254	1.705
OTU 203	1.250	1.616	1.752	1.604	0.905	1.947	0.987	1.551	1.214	1.680
OTU 204	1.235	1.702	1.853	1.693	0.798	1.679	1.040	1.419	1.208	1.722
OTU 205	1.656	1.634	1.753	1.582	1.021	1.651	1.187	1.699	1.402	1.856
OTU 207	1.276	1.618	1.713	1.620	0.835	1.647	1.119	1.472	1.061	1.575
OTU 208	1.315	1.594	1.784	1.581	0.851	1.720	1.164	1.495	1.169	1.698
OTU 211	1.619	1.519	1.669	1.829	1.074	1.684	1.511	1.752	1.295	1.796
OTU 214	1.341	1.464	1.610	0.863	1.168	1.276	1.262	1.635	1.519	2.101
OTU 215	1.565	1.403	1.526	1.749	1.235	1.476	1.542	1.726	1.490	2.062
OTU 217	1.691	1.293	1.485	1.056	1.301	1.353	1.594	1.827	1.574	2.069
OTU 219	1.718	1.400	1.481	1.027	1.381	1.284	1.701	1.760	1.553	2.086
OTU 222	1.254	2.662	2.765	2.650	1.637	2.625	1.348	1.519	1.498	1.498
OTU 223	1.077	2.136	2.183	2.256	1.329	2.239	1.101	1.398	1.240	1.512
OTU 224	0.829	2.122	2.141	1.900	0.992	1.972	0.742	1.198	1.052	1.431
OTU 226	1.083	2.124	2.297	2.211	1.062	2.137	1.044	1.422	1.036	1.403
OTU 228	1.031	1.804	1.945	1.722	1.071	1.704	1.027	1.376	0.911	1.267
OTU 232	1.228	1.803	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	1.318	2.218	1.000	1.322	1.114	1.866
OTU 237	1.262	2.017	2.102	1.951	1.084	1.524	0.991	1.257	1.078	1.378
OTU 238	1.061	2.126	2.152	1.992	1.055	1.986	0.947	1.170	1.023	1.339
OTU 240	1.340	2.032	2.167	2.005	1.184	1.863	1.183	1.393	1.119	1.361
OTU 242	1.148	1.975	2.037	1.815	0.963	1.797	0.978	1.170	0.864	1.197
OTU 245	1.064	1.033	1.124	1.903	1.022	1.864	1.029	1.237	1.044	1.258
OTU 250	1.070	1.985	2.079	1.849	1.098	2.035	1.111	1.373	1.065	1.299
OTU 253	1.094	2.066	2.100	1.883	1.033	1.948	1.093	1.418	1.015	1.404
OTU 254	1.416	1.865	1.931	1.680	1.830	1.757	1.397	1.480	1.177	1.370
OTU 257	1.091	1.772	1.832	1.956	0.970	1.729	1.109	1.409	1.084	1.485
OTU 258	1.113	1.839	1.905	1.752	0.986	1.770	1.044	1.167	0.844	1.264
OTU 261	1.242	1.765	1.820	1.674	1.056	1.602	1.105	1.303	0.926	1.336
OTU 263	1.237	1.874	2.000	1.807	1.166	1.790	1.331	1.687	1.077	1.440
OTU 265	0.851	2.097	2.170	2.019	1.135	2.006	1.025	1.298	0.960	1.173
OTU 267	1.046	1.968	2.056	1.860	0.990	1.843	0.898	1.179	0.927	1.244
OTU 269	0.976	2.091	2.190	2.047	1.094	2.006	0.910	1.214	0.169	1.276
OTU 271	1.154	1.979	2.047	1.860	1.022	1.951	1.022	1.516	1.216	1.276
OTU 274	1.155	1.864	1.913	1.781	1.041	1.736	1.035	1.409	1.058	1.297
OTU 275	1.095	2.017	2.058	1.870	1.110	1.897	1.095	1.389	1.109	1.434
OTU 277	0.970	2.183	2.166	2.005	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	1.395
OTU 284	0.960	2.263	2.240	2.041	1.198	2.080	0.982	1.136	1.205	1.511
OTU 285	0.954	2.132	2.107	1.920	1.177	1.987	0.947	1.101	1.143	1.352
OTU 287	1.235	1.874	2.103	1.822	1.202	2.001	1.292	1.309	1.044	1.310
OTU 290	1.110	1.790	1.829	1.585	0.835	1.577	0.911	1.154	0.862	1.390
OTU 293	1.280	1.755	1.862	1.688	1.018	1.507	1.147	1.311	0.639	1.620
OTU 294	1.199	1.690	1.846	1.732	0.777	1.700	1.051	1.311	0.654	1.267

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CONTINUATION OF
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	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 299	1.650	1.593	1.595	1.332	1.549	1.610	1.794	2.025	1.852	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	1.300	1.455	1.015	1.501	1.456	1.832	1.263	1.784	2.267
OTU 303	1.996	1.601	1.554	1.112	1.401	1.369	1.670	1.739	1.633	2.137
OTU 304	1.906	1.306	1.616	1.143	1.447	1.721	1.941	1.975	1.663	2.177
OTU 307	1.875	1.717	1.704	1.170	1.536	1.575	1.851	1.871	1.847	2.412
OTU 309	1.681	1.525	1.613	1.165	1.301	1.495	1.627	1.762	1.666	2.204
OTU 312	1.777	1.438	1.598	1.155	1.280	1.354	1.635	1.695	1.512	2.111
OTU 315	1.803	1.457	1.432	1.212	1.394	1.333	1.788	1.934	1.635	2.223
OTU 317	1.796	1.396	1.607	1.227	1.301	1.807	1.759	1.822	1.489	1.973
OTU 321	2.052	1.913	1.634	1.737	1.549	1.440	1.746	2.174	2.456	2.332
OTU 325	1.691	1.502	1.399	1.083	1.394	1.656	1.710	1.771	1.638	2.116
OTU 326	1.719	1.552	1.634	1.403	1.213	1.247	1.456	1.727	1.461	1.972
OTU 329	1.561	1.410	1.395	0.997	1.099	1.384	1.370	1.484	1.376	1.978
OTU 331	1.685	1.469	1.481	1.028	1.311	1.403	1.394	1.803	1.639	2.226
OTU 334	1.755	1.543	1.440	0.945	1.428	1.413	1.697	1.776	1.641	2.213
OTU 335	1.843	1.673	1.626	1.101	1.690	1.687	1.924	1.971	1.386	2.397
OTU 338	1.876	1.796	1.683	1.195	1.731	1.806	1.906	1.879	1.875	2.259

IDENTIFICATION:

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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 111	0.000									
OTU 113	1.101	0.000								
OTU 117	1.112	0.882	0.000							
OTU 115	1.266	0.975	0.822	0.000						
OTU 120	2.012	1.994	1.725	1.622	0.000					
OTU 121	2.121	2.059	1.895	1.991	0.997	0.000				
OTU 123	2.235	2.195	1.931	2.261	1.136	1.251	0.000			
OTU 124	2.106	2.007	1.887	1.890	1.002	1.038	1.220	0.000		
OTU 126	1.772	1.585	1.548	1.374	1.235	1.322	1.462	1.299	0.000	0.000
OTU 128	1.461	1.373	1.168	0.899	1.761	1.972	1.410	1.795	1.809	0.985
OTU 131	1.220	1.002	0.855	0.769	1.732	2.001	1.970	1.868	1.488	0.872
OTU 133	1.131	1.225	1.028	0.850	1.530	1.661	1.593	1.481	1.003	0.763
OTU 134	0.155	0.375	0.917	0.736	0.898	2.025	2.086	1.911	1.425	1.138
OTU 137	1.289	0.800	0.742	0.774	1.702	1.955	2.005	1.799	1.389	1.134
OTU 139	1.320	1.061	1.206	1.009	2.126	2.271	2.342	2.180	1.666	1.166
OTU 141	1.388	1.297	1.040	0.945	1.807	2.019	1.973	2.008	1.443	1.162
OTU 142	1.388	1.185	1.029	0.999	1.894	1.813	1.887	1.733	1.163	1.017
OTU 144	1.199	1.228	1.134	1.071	1.935	2.136	2.155	1.923	1.373	1.019
OTU 146	1.339	1.118	1.000	1.221	1.565	1.830	1.808	1.818	1.385	1.467
OTU 148	1.272	1.202	1.181	1.049	1.994	1.828	1.635	1.624	1.124	0.735
OTU 150	1.290	1.149	0.859	0.751	1.581	1.881	1.907	1.765	1.281	1.259
OTU 154	1.002	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	1.186	1.110	0.826	1.722	1.902	1.886	1.756	1.288	1.161
OTU 160	1.616	1.349	1.287	0.922	2.030	2.199	2.339	2.079	1.436	1.117
OTU 161	1.371	1.096	1.056	0.797	1.779	2.091	2.302	1.837	1.189	0.919
OTU 163	1.322	1.175	0.981	0.802	1.808	2.034	2.075	1.947	1.372	1.056
OTU 165	1.528	1.457	1.327	0.990	1.668	1.987	2.030	1.733	1.170	0.619
OTU 166	1.347	1.347	1.370	0.913	2.059	2.251	2.189	2.135	1.382	0.877
OTU 170	1.283	1.259	1.060	0.877	1.710	1.940	1.895	1.790	1.326	0.739
OTU 172	2.377	2.299	2.063	2.085	1.601	1.456	1.853	1.529	1.924	2.305
OTU 173	2.201	2.162	2.099	1.621	1.695	1.695	1.657	1.653	1.700	2.245
OTU 174	1.933	1.926	1.689	1.470	1.055	1.402	1.455	1.327	1.021	1.478
OTU 175	1.901	1.888	1.639	1.518	1.217	1.597	1.344	1.471	1.013	1.410
OTU 176	1.566	1.536	1.289	1.296	1.187	1.587	1.397	1.301	0.907	1.219
OTU 178	1.237	1.345	1.255	1.254	1.627	1.919	1.960	1.962	1.426	1.395
OTU 179	1.625	1.446	0.955	0.948	1.637	1.995	1.969	1.773	1.166	1.202
OTU 180	1.305	1.293	0.816	0.019	1.666	1.852	1.763	1.850	1.429	1.222
OTU 184	1.419	1.239	1.137	0.925	1.525	1.857	1.678	1.568	0.861	0.797
OTU 185	1.463	1.418	1.268	1.330	1.573	1.817	1.672	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	0.954
OTU 190	1.274	1.311	1.067	0.835	1.490	1.785	1.725	1.624	1.109	0.766
OTU 192	1.466	1.371	1.032	0.817	1.704	1.821	1.821	1.696	1.058	1.107
OTU 193	1.397	1.385	1.174	1.132	1.713	1.921	1.070	1.903	1.325	0.946
OTU 195	1.221	1.132	0.966	0.893	1.606	1.763	1.676	1.665	1.138	0.700
OTU 198	1.069	0.972	0.847	0.645	1.687	1.872	1.722	1.726	1.338	1.092
OTU 201	1.498	1.375	1.221	1.096	1.797	2.050	1.811	1.880	1.326	0.966
OTU 203	1.116	1.025	1.156	0.958	1.563	1.769	1.649	1.649	1.175	0.987
OTU 204	1.312	1.052	1.076	1.029	1.666	1.802	1.662	1.666	1.055	0.904
OTU 205	1.900	1.512	1.318	1.256	1.605	1.828	1.713	1.800	1.326	1.207

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CONTINUATION OF
COMPUTE DISTANCE

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	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 125	OTU 128
OTU 207	1.228	1.275	1.070	0.973	1.372	1.825	1.430	1.684	1.237	1.020
OTU 208	1.432	1.371	1.180	1.159	1.583	1.913	1.716	1.693	1.139	1.124
OTU 211	1.470	1.597	1.239	1.363	1.385	1.657	1.602	1.603	1.000	1.438
OTU 214	1.727	1.709	1.543	1.364	1.250	1.490	1.257	1.237	0.891	2.295
OTU 217	1.697	1.755	1.545	1.497	1.380	1.623	1.379	1.431	0.994	1.293
OTU 217	1.605	1.788	1.606	1.361	1.184	1.455	1.466	1.296	1.008	1.551
OTU 219	1.921	1.840	1.875	1.610	1.217	1.457	1.353	1.135	0.925	1.635
OTU 222	1.525	1.401	1.373	1.292	2.576	2.649	2.778	2.659	2.143	1.524
OTU 223	1.048	1.312	1.251	1.091	2.780	2.348	2.402	2.763	1.756	1.209
OTU 224	1.303	1.090	1.134	0.831	1.941	2.142	2.131	1.424	1.299	0.931
OTU 226	1.155	0.986	0.982	1.014	2.050	2.226	2.266	2.096	1.718	1.330
OTU 228	1.350	1.401	1.134	1.094	1.261	1.530	1.944	1.785	1.433	1.395
OTU 232	1.210	1.170	1.101	1.090	1.666	1.965	1.927	1.813	1.372	1.173
OTU 237	1.278	1.257	1.274	0.951	2.226	2.398	2.870	2.186	1.702	1.238
OTU 237	1.270	1.278	1.190	1.002	1.876	2.142	2.125	1.797	1.427	1.041
OTU 238	1.461	1.069	1.177	1.004	1.667	2.110	2.147	1.982	1.301	1.126
OTU 240	1.199	1.350	1.231	1.261	1.925	2.214	2.004	2.052	1.611	1.211
OTU 242	1.103	1.068	0.904	0.987	1.693	1.937	1.998	1.830	1.327	1.210
OTU 245	1.205	1.116	0.959	0.792	1.833	2.044	2.184	1.992	1.528	1.218
OTU 250	1.316	1.305	1.196	1.090	1.872	2.173	2.216	2.095	1.512	1.565
OTU 252	1.259	1.270	1.148	1.017	1.875	2.099	2.188	2.084	1.536	1.310
OTU 255	1.486	1.644	1.363	1.304	1.611	2.034	2.100	1.847	1.534	1.481
OTU 257	1.178	1.331	1.213	0.974	1.615	1.895	1.893	1.767	1.212	1.279
OTU 258	1.279	1.219	1.063	0.892	1.642	1.914	1.963	1.739	1.280	1.131
OTU 261	1.365	1.370	1.156	1.014	1.511	1.824	1.929	1.624	1.358	1.146
OTU 263	1.405	1.434	1.311	1.255	1.650	2.002	1.957	1.777	1.277	1.517
OTU 265	1.201	1.116	1.056	0.909	1.930	2.102	2.281	2.010	1.572	1.281
OTU 267	1.086	1.000	0.960	0.751	1.751	2.015	2.050	1.895	1.380	1.187
OTU 269	1.198	1.058	1.014	0.898	1.937	2.141	2.152	2.004	1.582	1.163
OTU 271	1.401	1.199	1.309	1.051	1.892	2.103	2.195	1.969	1.335	1.237
OTU 274	1.351	1.212	1.097	1.001	1.731	1.925	1.895	1.720	1.210	1.150
OTU 275	1.368	1.300	1.246	1.054	1.850	2.083	2.099	1.983	1.381	1.244
OTU 277	1.454	1.254	1.219	0.916	1.927	2.183	2.316	1.981	1.490	1.181
OTU 278	1.216	1.177	1.115	0.925	1.707	2.065	2.081	1.827	1.265	1.171
OTU 284	1.323	1.101	1.190	1.085	1.959	2.130	2.162	2.035	1.447	1.196
OTU 285	1.425	1.243	1.231	0.916	1.918	2.156	2.199	2.051	1.322	1.085
OTU 287	1.408	1.366	1.229	1.128	1.774	2.142	2.228	1.913	1.255	1.444
OTU 290	1.166	1.070	1.011	0.889	1.516	1.765	1.816	1.595	1.087	0.978
OTU 293	1.419	1.434	1.280	1.136	1.573	1.927	1.680	1.663	1.166	0.978
OTU 294	1.194	1.113	1.060	1.001	1.590	1.970	1.877	1.701	1.207	1.133
OTU 299	2.155	2.027	1.937	1.742	1.563	1.809	1.617	1.604	1.177	1.055
OTU 300	2.676	2.710	2.619	2.583	2.225	1.909	1.518	1.498	1.213	1.027
OTU 302	1.973	1.919	1.778	1.800	1.246	1.887	1.445	1.428	1.237	1.044
OTU 303	1.809	1.700	1.676	1.512	1.392	1.680	1.392	1.310	1.030	0.944
OTU 304	2.078	2.054	1.966	1.804	1.256	1.736	1.597	1.558	1.417	1.078
OTU 307	2.118	1.956	1.846	1.790	1.610	1.639	1.250	1.241	1.130	1.740
OTU 309	1.823	1.599	1.568	1.532	1.304	1.604	1.317	1.067	0.996	1.246
OTU 312	1.822	1.752	1.533	1.527	1.199	1.443	1.179	1.630	1.053	1.203
OTU 315	1.722	1.814	1.710	1.584	1.255	1.582	1.363	1.465	1.068	1.503
OTU 317	1.729	1.753	1.571	1.506	1.201	1.705	1.677	1.500	1.252	1.735

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CONTINUATION OF
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	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 125	OTU 126
OTU 323	1.767	1.898	1.728	1.916	1.897	1.764	1.618	1.683	1.552	1.859
OTU 325	1.864	1.899	1.666	1.677	1.899	1.693	1.363	1.575	1.121	1.689
OTU 326	1.236	1.557	1.521	1.505	1.421	1.646	1.695	1.546	1.091	1.396
OTU 329	1.661	1.607	1.430	1.338	1.170	1.594	1.275	1.127	0.864	1.288
OTU 331	1.853	1.842	1.628	1.566	1.300	1.554	1.354	1.444	0.950	1.679
OTU 334	1.860	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	1.796	1.683	1.751	1.135	1.899
OTU 338	2.074	2.182	2.007	1.754	1.558	1.864	1.968	1.838	1.258	1.665

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CONTINUATION OF
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PAGE 14

	OTU 131	OTU 133	OTU 135	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	0.907	1.271	0.932	1.096	1.069	1.195	1.225	1.016	1.294	1.291
OTU 228	1.042	1.636	1.264	1.132	1.504	1.109	1.087	1.175	1.069	1.503
OTU 232	0.991	1.136	0.981	1.051	1.181	1.088	0.950	0.909	1.026	1.049
OTU 233	1.189	1.329	0.928	1.087	1.055	1.155	-99	1.097	1.569	1.401
OTU 237	0.933	1.716	1.058	1.124	1.052	1.075	1.05	1.005	1.398	1.176
OTU 238	1.011	1.194	0.828	0.921	1.006	1.064	0.917	0.812	1.148	1.002
OTU 240	1.130	1.892	1.123	1.259	1.135	1.115	1.100	0.830	1.824	1.093
OTU 242	1.033	1.071	0.960	0.879	1.132	1.011	0.905	0.941	1.029	1.119
OTU 245	0.933	1.194	0.962	1.000	1.116	0.958	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	1.074	1.284	1.153
OTU 255	1.346	1.187	1.419	1.268	1.598	1.190	1.153	1.516	1.206	1.424
OTU 257	1.184	1.113	1.185	1.115	1.295	0.943	1.009	1.217	1.221	1.115
OTU 258	1.025	0.989	0.925	0.908	1.119	0.957	0.985	0.930	1.158	1.141
OTU 261	1.162	1.119	1.159	0.948	1.367	1.066	1.046	1.120	1.159	1.380
OTU 263	1.229	1.333	1.373	1.194	1.622	1.330	1.247	1.273	1.083	1.432
OTU 265	1.117	1.141	0.845	1.030	1.019	1.100	0.985	0.905	1.249	1.250
OTU 267	1.001	1.121	0.912	0.836	1.092	0.950	0.874	0.833	0.994	1.107
OTU 269	0.977	1.126	0.756	0.863	0.970	0.956	1.000	0.892	1.187	1.169
OTU 271	1.105	1.181	1.041	1.167	1.182	1.208	1.007	1.126	1.234	1.081
OTU 274	1.072	0.917	0.960	1.029	1.236	1.132	1.016	0.990	1.195	1.034
OTU 275	1.036	1.180	1.089	1.137	1.182	0.966	1.017	0.957	1.127	1.177
OTU 277	1.337	1.213	1.032	1.046	1.097	1.122	0.920	1.152	1.359	1.203
OTU 279	1.073	1.085	1.014	0.936	1.230	1.159	1.052	0.888	1.104	1.051
OTU 284	1.266	1.185	1.003	1.005	1.107	1.168	0.947	1.066	1.096	1.090
OTU 285	1.179	1.185	0.891	1.005	0.893	-0.022	0.870	1.047	1.198	1.152
OTU 287	1.287	1.341	1.247	1.176	1.472	1.265	1.139	1.100	1.231	1.396
OTU 290	0.917	0.639	0.896	0.892	1.171	1.044	0.792	0.926	0.944	0.866
OTU 291	1.144	0.930	1.103	1.108	1.380	1.113	1.054	1.028	1.206	0.913
OTU 294	0.711	1.009	0.667	0.882	1.352	1.034	1.001	0.933	0.934	1.009
OTU 301	1.709	1.338	1.759	1.858	1.970	1.844	1.530	1.441	1.736	1.444
OTU 304	1.047	1.297	1.623	1.825	1.922	1.844	1.458	1.680	1.240	1.338
OTU 305	1.818	1.827	1.840	1.804	2.077	1.727	1.877	1.973	1.989	1.333
OTU 307	1.707	1.236	1.802	1.617	1.766	1.543	1.302	1.806	1.562	1.273
OTU 309	1.794	1.092	1.961	1.791	2.181	1.787	1.546	1.708	1.677	1.642
OTU 312	1.875	1.373	1.670	1.761	2.116	1.717	1.599	1.978	1.501	1.525
OTU 313	1.614	1.193	1.640	1.560	1.895	1.515	1.820	1.787	1.626	1.334
OTU 315	1.568	1.005	1.603	1.546	1.866	1.570	1.71	1.607	1.347	1.337
OTU 317	1.642	1.195	1.611	1.705	1.847	1.842	1.764	1.562	1.373	1.373
OTU 319	1.618	1.385	1.720	1.604	1.820	1.721	1.596	1.604	1.270	1.480
OTU 323	1.798	1.593	1.892	1.658	2.087	1.927	1.678	1.961	1.772	1.346
OTU 325	1.755	1.347	1.719	1.714	1.950	1.750	1.406	1.797	1.476	1.412
OTU 328	1.814	1.175	1.905	1.905	1.895	1.665	1.509	1.404	1.004	1.051
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	1.629	1.670	1.829	1.534	1.333	1.742	1.591	1.261
OTU 334	2.160	1.231	1.634	1.669	1.867	1.941	1.371	1.808	1.359	1.310
OTU 335	2.039	1.470	1.893	1.940	2.036	1.775	1.595	2.097	1.860	1.855
OTU 338	1.996	1.540	1.945	1.944	2.036	1.742	1.617	2.079	1.944	1.748

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	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	1.263	0.000								
OTU 156	1.293	1.276	0.000							
OTU 157	1.351	1.276	1.186	0.000						
OTU 160	1.351	1.276	1.009	1.264	0.000					
OTU 161	1.089	0.980	1.021	0.990	0.859	0.000				
OTU 163	0.904	1.175	1.082	1.183	1.038	0.814	0.000			
OTU 168	0.988	0.867	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	1.008	1.118	0.000	
OTU 170	1.140	0.901	1.017	1.082	1.167	0.817	0.785	0.939	0.234	0.000
OTU 172	1.583	2.092	2.302	2.063	2.569	2.181	2.195	2.116	2.432	2.198
OTU 173	1.753	1.998	2.395	1.919	2.265	2.137	2.086	1.921	2.398	2.145
OTU 174	1.855	1.324	1.779	1.467	1.499	1.257	1.403	1.297	1.468	1.468
OTU 175	1.453	1.228	1.831	1.890	1.787	1.518	1.499	1.438	1.500	1.405
OTU 176	1.220	1.228	1.657	1.282	1.637	1.231	1.294	1.299	1.502	1.222
OTU 178	1.285	1.368	1.592	1.423	1.584	1.222	1.080	1.438	1.388	1.106
OTU 179	0.952	1.077	1.111	0.899	1.296	0.947	0.789	0.827	1.172	1.012
OTU 180	0.893	1.310	1.514	1.226	1.520	1.294	1.080	1.297	1.433	1.198
OTU 184	0.949	0.813	1.297	0.887	1.276	0.790	0.945	0.839	1.267	0.887
OTU 185	1.132	1.320	1.209	1.415	1.578	1.399	1.109	1.178	1.413	1.073
OTU 188	0.987	0.066	0.035	1.128	1.133	1.024	0.824	0.970	1.087	0.872
OTU 190	1.007	0.713	1.042	0.892	1.293	0.799	0.920	0.867	0.983	0.623
OTU 192	1.039	1.086	1.159	0.992	1.265	1.092	0.927	0.747	1.110	1.036
OTU 193	1.256	1.214	1.309	1.363	1.321	1.121	0.941	1.200	1.044	0.837
OTU 195	0.964	0.982	1.264	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	1.076	1.276	1.258	1.075
OTU 201	1.216	1.096	1.365	1.317	1.350	1.126	0.969	1.256	1.029	0.801
OTU 203	1.060	0.937	1.240	1.260	1.387	1.110	0.959	1.069	1.202	0.842
OTU 204	1.174	1.037	1.252	1.189	1.253	1.013	1.137	1.226	1.055	0.996
OTU 205	1.193	1.166	1.406	1.413	1.280	1.125	1.108	1.251	1.301	1.014
OTU 207	1.093	1.099	1.189	1.137	1.253	1.014	0.857	1.097	1.072	0.801
OTU 208	0.909	1.183	1.403	1.311	1.079	1.041	0.984	1.157	1.242	0.972
OTU 211	1.175	1.418	1.666	1.197	1.870	1.511	1.252	1.255	1.632	1.310
OTU 214	1.323	1.336	1.695	1.303	1.622	1.691	1.418	1.231	1.441	1.338
OTU 215	1.302	1.215	1.662	1.478	1.730	1.695	1.467	1.129	1.823	1.337
OTU 217	1.285	1.371	1.733	1.472	1.757	1.549	1.579	1.430	1.710	1.520
OTU 219	1.252	1.439	1.916	1.422	1.866	1.640	1.691	1.470	1.868	1.694
OTU 222	1.254	1.699	1.407	1.468	1.403	1.412	1.286	1.249	1.836	1.412
OTU 223	1.307	1.315	1.116	1.340	1.116	1.038	0.909	1.222	1.098	1.030
OTU 224	0.919	0.995	1.027	0.980	1.119	0.852	0.712	0.954	0.808	0.688
OTU 226	1.176	1.499	1.148	1.277	1.421	1.192	0.997	1.387	1.311	1.100
OTU 228	0.966	1.318	1.341	1.006	1.243	1.191	1.135	1.135	1.520	1.044
OTU 232	1.016	1.168	1.236	1.159	1.465	1.135	0.992	1.151	1.278	0.917
OTU 233	1.278	1.352	0.952	1.093	1.195	1.080	1.036	1.158	1.056	1.036
OTU 237	1.132	1.138	1.139	1.239	1.154	0.902	0.712	0.960	1.069	0.811
OTU 238	1.054	1.204	1.049	0.967	1.182	0.970	1.059	0.943	1.115	0.841
OTU 240	1.134	1.325	1.186	1.312	1.636	1.340	1.173	1.334	1.499	1.122
OTU 242	0.784	1.272	1.161	0.884	1.225	1.007	0.854	1.026	1.349	1.008
OTU 245	0.973	1.322	1.132	1.014	1.077	1.018	1.090	1.083	0.931	0.971
OTU 250	0.915	1.350	1.168	1.260	1.298	1.103	0.793	1.030	1.174	1.031

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	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	1.188	1.188	1.236	1.841	1.402	1.104	1.632	1.617	1.587
OTU 257	0.683	1.221	1.293	1.062	1.334	1.095	0.905	0.908	1.212	1.128
OTU 258	0.929	1.083	1.199	0.870	1.197	0.562	0.863	0.969	1.168	0.950
OTU 261	0.945	1.235	1.288	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	1.678	1.245	1.298	1.238
OTU 265	0.885	1.254	1.368	1.097	1.230	1.066	0.986	1.058	1.230	1.073
OTU 267	0.766	1.189	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	0.987
OTU 271	0.990	1.163	1.065	1.084	1.287	1.041	1.072	1.035	1.073	1.081
OTU 274	0.936	0.972	1.159	0.883	1.272	1.076	1.142	0.959	1.169	1.046
OTU 275	0.904	1.187	1.242	1.203	1.373	1.175	1.408	1.106	1.213	1.071
OTU 277	1.049	1.186	0.992	0.983	1.104	0.955	0.938	0.850	1.082	0.961
OTU 279	0.927	1.198	1.258	0.830	1.349	0.976	1.065	0.970	1.171	1.086
OTU 284	1.034	1.219	1.260	1.134	1.258	1.185	1.196	1.116	1.604	1.297
OTU 285	1.016	1.093	1.060	1.004	1.084	0.925	0.709	0.811	1.031	0.844
OTU 287	0.826	1.474	1.410	0.983	1.466	1.197	1.168	1.146	1.400	1.367
OTU 290	0.806	0.918	1.062	0.816	1.242	0.887	0.948	0.701	1.137	0.892
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	1.485	0.976	1.415	0.988	0.823	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	1.601
OTU 300	1.447	1.422	1.735	1.833	1.850	1.635	1.774	1.556	1.754	1.551
OTU 302	1.305	1.633	1.968	1.722	1.999	1.815	1.737	1.666	1.984	1.770
OTU 303	1.317	1.340	1.771	1.351	1.713	1.287	1.558	1.206	1.595	1.593
OTU 304	1.402	1.675	2.184	1.656	2.189	1.813	1.699	1.647	2.027	1.805
OTU 307	1.504	1.890	2.128	1.568	2.038	1.856	1.891	1.634	1.919	1.843
OTU 309	1.325	1.415	1.875	1.404	1.821	1.646	1.544	1.409	1.723	1.517
OTU 312	1.379	1.571	1.884	1.412	1.851	1.559	1.611	1.505	1.734	1.520
OTU 315	1.495	1.301	1.796	1.411	1.813	1.550	1.583	1.439	1.616	1.521
OTU 317	1.253	1.611	1.959	1.374	1.997	1.612	1.678	1.519	1.674	1.521
OTU 323	1.618	1.185	1.945	1.799	2.199	1.879	1.983	1.818	2.131	1.890
OTU 325	1.206	1.932	1.934	1.477	1.940	1.665	1.988	1.814	1.833	1.688
OTU 328	1.384	1.326	1.627	1.043	1.756	1.457	1.574	1.507	1.627	1.475
OTU 329	1.096	1.064	1.144	1.183	1.637	1.296	1.325	1.170	1.520	1.278
OTU 331	1.285	1.308	1.769	1.451	1.768	1.257	1.520	1.390	1.632	1.519
OTU 334	1.363	1.363	1.837	1.587	1.799	1.687	1.862	1.784	1.713	1.633
OTU 335	1.554	1.336	2.089	1.698	1.976	1.807	1.706	1.482	1.661	1.623
OTU 336	1.543	1.641	2.041	1.649	1.841	1.706	1.612	1.413	1.632	1.766

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	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	1.350	1.289								
OTU 175	1.937	1.546	0.904	0.000						
OTU 176	1.046	1.009	0.921	0.983	0.000					
OTU 178	2.314	2.100	1.489	1.363	1.134	0.000				
OTU 179	2.031	1.732	1.213	1.360	1.110	1.223				
OTU 180	2.174	1.993	1.340	1.423	1.180	1.211	0.000			
OTU 184	2.126	1.966	1.275	1.163	0.891	1.154	0.825	0.000	0.000	
OTU 185	2.071	2.081	1.735	1.517	1.228	1.335	1.268	1.108	1.158	0.000
OTU 188	1.957	1.901	1.198	1.174	1.064	1.151	0.996	0.995	0.818	0.782
OTU 190	2.003	1.869	1.156	1.081	0.933	1.061	0.929	1.057	0.668	1.042
OTU 192	1.957	1.739	1.092	1.000	1.017	1.045	0.757	1.171	0.885	0.921
OTU 193	2.335	2.246	1.453	1.397	1.067	0.996	1.162	1.098	0.961	1.011
OTU 195	2.006	2.009	1.285	1.294	1.010	1.111	1.214	0.535	0.753	0.975
OTU 198	2.159	2.111	1.256	1.347	1.035	1.107	1.279	0.917	0.690	1.160
OTU 201	2.275	2.162	1.443	1.355	1.145	0.979	1.112	1.177	0.894	1.117
OTU 203	1.988	2.099	1.268	1.213	1.011	1.127	1.075	1.005	0.941	0.799
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	1.948	1.268	1.326	1.070	1.055	1.127	1.122	1.009	0.809
OTU 207	1.955	1.895	1.215	1.208	0.966	0.969	1.010	1.135	0.905	1.075
OTU 208	2.075	1.906	1.307	1.212	0.804	1.000	0.946	1.046	0.797	1.074
OTU 211	1.985	1.819	1.286	1.227	0.975	1.293	1.153	1.257	1.094	1.248
OTU 214	1.768	1.605	0.869	0.947	0.915	1.445	1.211	1.294	0.995	1.233
OTU 215	1.777	1.698	1.046	0.849	0.978	1.504	1.355	1.347	1.101	1.169
OTU 217	1.516	1.318	0.826	1.008	0.884	1.488	1.357	1.397	1.199	1.165
OTU 219	1.524	1.194	1.073	1.069	1.034	1.684	1.368	1.438	1.240	1.521
OTU 222	2.783	2.847	2.270	2.211	2.043	1.670	1.705	1.643	1.594	1.837
OTU 223	2.472	2.485	1.564	1.633	1.673	1.812	1.263	1.441	1.221	1.473
OTU 224	2.277	2.198	1.629	1.505	1.326	1.345	1.012	1.200	0.833	1.258
OTU 226	2.352	2.366	1.671	1.709	1.517	1.239	1.345	1.207	1.345	1.405
OTU 228	2.051	1.712	1.486	1.351	1.214	1.129	1.043	1.145	1.103	1.344
OTU 232	2.223	2.035	1.539	1.295	1.220	0.967	1.159	1.090	0.974	1.054
OTU 233	2.300	2.404	1.920	1.653	1.700	1.547	1.254	1.460	1.272	1.449
OTU 237	2.369	2.180	1.645	1.506	1.382	1.035	1.079	1.314	1.007	1.369
OTU 238	2.417	2.306	1.740	1.499	1.340	1.293	1.239	1.179	0.885	1.323
OTU 240	2.199	2.347	1.886	1.676	1.458	1.258	1.454	1.165	1.124	1.333
OTU 242	2.146	1.988	1.617	1.467	1.283	1.198	1.066	1.095	0.974	1.312
OTU 245	2.140	2.059	1.513	1.587	1.309	1.111	1.001	1.113	1.117	1.207
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	2.084	1.647	1.597	1.403	1.161	1.006	1.066	1.072	1.067
OTU 255	2.171	1.786	1.603	1.566	1.377	1.083	1.083	1.230	1.217	1.351
OTU 257	1.966	1.797	1.263	1.414	1.214	1.209	0.883	1.070	0.919	1.027
OTU 258	2.082	1.849	1.437	1.227	1.218	1.057	0.963	0.973	0.906	1.348
OTU 261	1.916	1.647	1.431	1.379	1.282	1.191	0.950	0.997	1.032	1.269
OTU 263	2.118	1.760	1.626	1.399	1.295	1.250	1.096	1.260	1.166	1.463
OTU 265	2.190	2.102	1.725	1.583	1.530	1.307	1.142	1.079	1.160	1.255
OTU 267	2.223	2.052	1.668	1.503	1.364	1.129	1.044	1.003	0.941	1.145
OTU 269	2.264	2.166	1.770	1.508	1.515	1.244	1.201	1.080	1.109	1.224
OTU 271	2.209	2.097	1.597	1.550	1.381	1.301	1.032	1.240	0.983	1.078

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	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 274	1.960	1.876	1.653	1.383	1.311	1.322	1.080	1.125	0.887	1.134
OTU 275	2.268	2.057	1.645	1.475	1.498	1.251	1.160	1.094	1.002	1.207
OTU 277	2.234	2.098	1.641	1.689	1.516	1.425	0.996	1.277	1.077	1.206
OTU 279	2.208	2.119	1.545	1.460	1.346	1.292	1.064	1.128	0.852	1.292
OTU 284	2.477	2.390	1.864	1.707	1.608	1.471	1.319	1.128	1.055	1.360
OTU 285	2.398	2.202	1.734	1.536	1.495	1.267	0.915	1.289	0.965	1.276
OTU 287	2.151	1.928	1.610	1.575	1.711	1.814	1.094	1.246	1.159	1.505
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	1.989	1.468	1.163	2.262	2.258	1.094	1.137	0.765	1.298
OTU 294	2.203	2.008	1.527	1.324	1.131	1.016	1.059	1.023	0.811	1.210
OTU 299	1.833	1.663	1.071	1.183	1.259	1.715	1.411	1.715	1.317	1.467
OTU 300	1.765	1.679	1.164	1.205	1.236	1.588	1.589	1.517	1.354	1.300
OTU 362	1.510	1.400	1.185	1.190	1.219	1.691	1.526	1.502	1.476	1.338
OTU 303	1.768	1.774	1.113	1.146	1.186	1.637	1.257	1.241	1.188	1.330
OTU 304	1.800	1.744	1.125	1.125	1.077	1.474	1.401	1.408	1.414	1.599
OTU 307	1.931	1.645	1.323	1.182	1.300	1.787	1.597	1.508	1.339	1.618
OTU 309	1.753	1.575	1.082	1.134	1.027	1.524	1.276	1.285	1.180	1.250
OTU 312	1.740	1.507	0.938	0.864	0.985	1.404	1.397	1.374	1.162	1.502
OTU 315	1.778	1.646	0.972	1.130	1.072	1.280	1.268	1.607	1.222	1.459
OTU 317	1.716	1.541	1.115	1.204	1.036	1.487	1.370	1.430	1.283	1.510
OTU 323	1.986	2.035	1.688	1.778	1.526	1.937	1.872	1.761	1.600	1.540
OTU 325	1.784	1.509	1.118	1.044	1.057	1.602	1.326	1.596	1.263	1.403
OTU 328	2.008	1.940	1.245	1.113	1.104	1.446	1.571	1.471	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	1.682	1.570	0.879	0.959	0.986	1.575	1.301	1.412	1.153	1.267
OTU 334	1.727	1.562	0.965	1.014	1.157	1.655	1.405	1.530	1.238	1.398
OTU 335	1.869	1.549	1.180	1.134	1.407	1.751	1.390	1.735	1.430	1.395
OTU 338	1.897	1.479	1.115	1.345	1.246	1.705	1.294	1.780	1.265	1.716

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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 188	0.000									
OTU 190	0.784	0.000								
OTU 192	0.783	0.822	0.000							
OTU 193	0.850	0.844	0.989	0.000						
OTU 195	0.635	0.688	0.518	0.878	0.000					
OTU 198	0.903	0.936	1.131	0.972	0.753	0.000				
OTU 201	0.783	0.880	1.077	0.737	0.888	0.979	0.000			
OTU 203	0.737	0.783	0.851	0.835	0.682	0.959	0.866	0.000		
OTU 204	0.822	0.914	1.062	0.921	0.754	0.767	0.687	0.785	0.000	
OTU 205	0.719	0.877	0.911	0.876	0.661	1.068	0.698	0.745	1.044	0.000
OTU 207	0.700	0.795	0.847	0.804	0.770	0.808	0.653	0.710	0.848	0.618
OTU 208	0.867	0.860	0.936	0.819	0.878	0.816	0.739	0.838	0.917	0.852
OTU 211	1.107	1.108	0.996	1.237	1.132	1.109	1.252	1.133	1.290	1.162
OTU 214	0.967	1.089	0.918	1.263	0.934	1.308	1.235	1.128	1.097	1.100
OTU 215	1.044	1.115	1.096	1.279	1.095	1.271	1.201	0.992	1.058	1.186
OTU 217	1.159	1.196	1.065	1.405	1.169	1.394	1.409	1.086	1.271	1.130
OTU 219	1.368	1.374	1.225	1.687	1.331	1.588	1.600	1.353	1.623	1.455
OTU 222	1.468	1.586	1.733	1.550	1.877	1.520	1.481	1.719	1.609	1.701
OTU 223	1.159	1.173	1.296	1.215	1.210	1.136	1.349	1.375	1.350	
OTU 224	0.289	0.929	1.044	1.173	0.591	1.039	1.072	1.024	1.025	1.253
OTU 226	1.211	1.171	1.250	1.287	1.225	1.219	1.116	1.135	1.280	1.362
OTU 228	1.218	0.916	1.098	1.258	1.263	1.203	1.243	1.083	1.347	1.239
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	1.385	1.299	1.336	1.403	1.547
OTU 237	1.036	0.938	1.161	1.036	1.109	1.119	0.899	1.025	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	1.264	1.145	1.131	0.986	1.161	1.188	1.258	1.272
OTU 242	1.082	0.989	1.054	1.223	0.982	0.915	1.217	1.125	1.162	1.286
OTU 245	1.038	1.006	1.002	1.066	0.942	1.111	1.073	1.167	1.196	1.191
OTU 250	0.980	0.966	0.950	0.998	1.086	1.176	1.077	1.065	1.121	1.054
OTU 253	0.986	0.971	0.955	1.017	1.040	1.123	1.126	1.045	1.106	1.017
OTU 255	1.325	1.117	1.132	1.310	1.356	1.486	1.399	1.318	1.411	1.355
OTU 257	0.907	0.988	0.768	1.159	0.920	1.187	1.166	0.928	1.215	1.016
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	0.980	1.000	1.316	1.124	1.215	1.256	1.124	1.371	1.275
OTU 263	1.050	1.119	1.082	1.337	1.227	1.346	1.250	1.439	1.434	
OTU 265	1.121	1.041	1.081	1.292	1.113	1.184	1.295	1.095	1.270	1.315
OTU 267	1.001	0.960	0.660	1.114	0.899	0.997	1.099	1.069	1.134	1.167
OTU 269	0.909	0.911	1.165	1.016	1.016	1.059	1.072	0.904	1.123	1.295
OTU 271	1.005	0.971	0.900	1.182	1.044	1.127	1.106	0.912	1.000	1.079
OTU 274	0.859	0.963	0.971	1.288	0.821	0.913	1.034	0.998	1.007	1.062
OTU 275	1.033	1.001	1.099	1.284	1.078	1.196	1.086	1.038	1.205	1.077
OTU 277	1.070	0.986	0.931	1.285	1.209	1.311	1.294	1.122	1.308	1.296
OTU 279	1.16	0.956	0.971	1.223	0.932	0.967	1.163	1.067	1.213	1.233
OTU 284	1.194	1.217	1.237	1.333	1.017	1.121	1.387	1.347	1.184	1.484
OTU 285	1.040	0.907	1.054	1.155	1.097	1.247	1.090	1.111	1.215	1.279
OTU 287	1.363	1.213	1.469	1.440	1.217	1.213	1.471	1.172	1.879	1.540
OTU 290	0.902	0.684	0.775	1.033	0.807	0.870	1.062	0.923	0.947	1.083
OTU 293	0.913	0.887	1.109	1.169	0.958	1.017	1.066	1.039	1.082	1.219
OTU 294	0.958	0.853	1.022	1.049	1.019	0.893	0.980	0.970	0.991	1.129

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CONTINUATION OF
COMPUTE DISTANCE

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	OTU 168	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	1.590	1.339	1.222	1.495	1.311	1.394	1.314
OTU 300	1.336	1.282	1.190	1.587	1.286	1.432	1.590	1.317	1.269	1.324
OTU 302	1.322	1.487	1.290	1.665	1.016	1.012	1.673	1.352	1.428	1.352
OTU 303	1.200	1.339	0.987	1.527	1.127	1.476	1.533	1.290	1.228	1.176
OTU 304	1.491	1.449	1.157	1.610	1.524	1.551	1.617	1.468	1.676	1.383
OTU 307	1.407	1.569	1.408	1.766	1.322	1.578	1.690	1.583	1.474	1.511
OTU 309	1.119	1.307	1.140	1.452	1.060	1.407	1.398	1.274	1.247	1.223
OTU 312	1.218	1.218	1.251	1.232	1.200	1.314	1.397	1.200	1.192	1.238
OTU 315	1.322	1.208	0.975	1.680	1.262	1.498	1.671	1.308	1.346	1.208
OTU 317	1.475	1.390	1.234	1.639	1.378	1.447	1.653	1.418	1.484	1.489
OTU 323	1.575	1.651	1.585	1.936	1.532	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	1.439	1.349
OTU 328	1.057	1.163	1.230	1.413	1.095	1.158	1.380	1.057	1.094	1.175
OTU 329	1.017	0.996	1.032	1.398	1.017	1.220	1.318	1.119	1.104	1.172
OTU 331	1.064	1.227	1.087	1.478	1.089	1.369	1.302	1.107	1.225	1.116
OTU 334	1.192	1.331	1.098	1.600	1.196	1.516	1.525	1.228	1.327	1.316
OTU 335	1.399	1.772	1.230	1.789	1.471	1.796	1.756	1.463	1.618	1.480
OTU 338	1.530	1.473	1.220	1.765	1.611	1.911	1.601	1.619	1.609	1.583

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	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	0.963	0.594	0.000							
OTU 214	1.086	1.136	1.084	0.000						
OTU 215	1.114	1.091	1.193	0.812	0.000					
OTU 217	1.213	1.119	1.236	0.877	0.804	0.000				
OTU 219	1.423	1.326	1.360	0.884	0.978	0.734	0.000			
OTU 222	1.501	1.665	0.236	2.117	2.170	2.276	2.429	0.000		
OTU 223	1.117	1.112	1.695	1.735	1.769	1.670	2.020	0.006	0.000	
OTU 224	1.003	1.025	1.825	1.260	1.374	1.519	1.566	1.250	0.961	0.000
OTU 226	0.972	1.126	1.381	1.692	1.691	1.762	1.685	1.179	1.057	0.957
OTU 228	1.005	1.000	1.056	1.835	1.849	1.392	1.438	1.805	1.876	1.224
OTU 229	0.855	0.664	0.995	1.333	1.321	1.354	1.535	1.946	1.226	1.028
OTU 231	1.276	1.368	1.676	1.773	1.782	1.835	1.931	1.292	1.102	0.840
OTU 237	0.852	0.970	1.433	1.513	1.562	1.649	1.771	1.193	0.907	0.871
OTU 238	1.038	1.084	1.391	1.560	1.559	1.611	1.707	1.336	1.121	0.842
OTU 240	1.078	1.044	1.241	1.549	1.470	1.667	1.811	1.526	1.321	1.157
OTU 242	0.955	0.979	1.183	1.393	1.512	1.486	1.512	1.444	1.252	0.976
OTU 245	0.895	1.051	1.294	1.825	1.524	1.732	1.284	1.146	0.912	0.903
OTU 250	0.935	0.965	1.200	1.484	1.491	1.521	1.738	1.271	0.995	0.985
OTU 253	0.967	0.988	1.116	1.458	1.455	1.483	1.667	1.159	1.053	0.976
OTU 255	1.244	1.163	1.144	1.490	1.593	1.488	1.551	1.810	1.592	1.317
OTU 257	1.008	1.052	1.162	1.189	1.256	1.193	1.165	1.678	1.323	1.060
OTU 258	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	1.335	1.485	1.358	1.353	1.782	1.173	1.200
OTU 263	1.166	1.096	1.181	1.505	1.592	1.438	1.597	1.689	1.307	0.939
OTU 265	1.103	1.183	1.452	1.561	1.535	1.546	1.664	1.213	1.027	0.875
OTU 267	1.008	0.974	1.235	1.602	1.489	1.471	1.562	1.881	1.271	0.910
OTU 269	1.037	1.126	1.432	1.529	1.530	1.579	1.674	1.372	1.143	0.936
OTU 271	1.049	1.009	1.392	1.474	1.372	1.387	1.561	1.586	1.251	0.939
OTU 274	0.964	0.999	1.169	1.169	1.200	1.207	1.274	1.586	1.265	0.929
OTU 275	1.072	1.048	1.398	1.404	1.478	1.457	1.587	1.477	1.259	0.959
OTU 277	1.162	1.218	1.526	1.511	1.612	1.453	1.672	1.003	1.004	0.848
OTU 279	1.076	0.976	1.193	1.368	1.457	1.484	1.508	1.430	1.234	0.839
OTU 280	1.379	1.387	1.583	1.501	1.645	1.652	1.730	1.480	1.295	1.083
OTU 285	1.065	1.128	1.483	1.471	1.511	1.682	1.725	1.270	0.949	0.791
OTU 287	1.000	1.082	1.181	1.245	1.211	1.493	1.75	1.664	1.462	1.108
OTU 290	0.854	0.872	1.021	1.021	1.021	1.256	1.294	1.511	1.183	0.822
OTU 293	0.992	0.990	1.144	1.163	1.212	1.421	1.397	1.777	1.448	1.096
OTU 294	0.895	0.894	1.090	1.237	1.341	1.382	1.409	1.674	1.381	0.988
OTU 299	1.352	1.220	1.448	0.826	0.707	0.879	1.156	2.391	1.987	1.622
OTU 300	1.258	1.379	1.291	1.029	1.196	0.932	1.129	2.307	2.007	1.593
OTU 302	1.482	1.392	1.192	0.954	1.005	0.718	0.911	2.318	2.138	1.804
OTU 303	1.345	1.343	1.180	0.765	0.940	0.958	1.039	2.236	1.868	1.501
OTU 304	1.455	1.261	1.195	1.195	1.261	1.261	1.261	2.117	2.466	2.112
OTU 307	1.295	1.492	1.466	0.830	1.231	1.113	0.941	2.230	2.186	1.726
OTU 309	1.296	1.199	1.116	0.696	1.069	0.922	0.808	2.224	2.289	1.772
OTU 312	1.217	1.228	1.213	0.882	0.956	0.948	0.909	2.286	2.223	1.598
OTU 315	1.217	1.255	1.097	0.862	1.133	0.996	1.110	2.239	1.846	1.573
OTU 317	1.438	1.294	1.057	1.188	1.180	0.904	1.099	2.321	2.905	1.596

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CONTINUATION OF
COMPUTE DISTANCE

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OTU 323	OTU 207	OTU 208	OTU 211	OTU 214	OTU 215	OTU 217	OTU 219	OTU 222	OTU 223	OTU 224
	1.634	1.657	1.485	1.438	1.489	1.380	1.459	2.092	2.105	1.814
OTU 325	1.351	1.182	1.118	0.951	0.951	0.874	1.007	2.276	1.97	1.953
OTU 326	1.789	1.225	1.302	1.075	0.937	1.054	1.248	2.200	1.854	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	0.664	0.763	0.707	0.889	2.235	1.850	1.487
OTU 334	1.391	1.397	1.311	0.687	0.976	0.910	0.935	2.357	1.985	1.623
OTU 335	1.561	1.522	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

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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	1.124	0.000								
OTU 232	0.819	0.898	0.000							
OTU 233	1.048	1.297	1.162	0.900						
OTU 237	0.910	1.101	0.851	1.049	0.000					
OTU 238	0.980	1.093	0.852	0.970	0.989	0.000				
OTU 240	1.099	1.053	0.714	1.247	1.011	0.911	0.000			
OTU 242	0.966	0.854	0.820	1.096	0.948	0.841	0.963	0.000		
OTU 245	0.917	1.064	0.961	1.023	0.866	0.996	1.200	0.930	0.000	
OTU 250	0.990	1.049	0.994	1.130	0.861	0.916	0.996	0.914	0.844	0.000
OTU 251	1.029	1.008	0.918	1.197	1.015	0.936	1.075	0.955	0.870	0.594
OTU 252	1.295	0.726	0.597	1.298	1.186	1.202	1.123	1.000	1.077	0.914
OTU 257	1.289	1.090	1.016	1.259	1.195	1.150	1.268	0.939	0.940	0.873
OTU 258	0.920	0.772	0.669	1.024	0.777	0.772	0.926	0.655	0.898	0.912
OTU 261	1.182	0.709	0.878	1.209	1.071	1.093	1.184	0.856	0.950	1.082
OTU 262	1.282	0.617	0.899	1.322	1.237	1.186	1.194	0.961	1.200	1.329
OTU 265	0.817	1.044	0.864	0.912	0.980	0.834	1.076	0.867	0.807	0.784
OTU 267	0.992	0.958	0.653	1.001	0.887	0.682	0.921	0.576	0.884	0.880
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	1.146	0.927	1.101	1.091	0.923	1.232	0.999	1.040	0.928
OTU 276	1.188	1.063	0.808	1.112	1.067	0.878	1.131	0.848	1.000	1.032
OTU 275	1.029	1.027	0.796	1.093	0.890	0.870	0.961	0.658	1.051	0.796
OTU 277	1.066	1.132	1.054	0.943	0.994	0.948	1.381	0.777	0.981	0.954
OTU 279	1.116	1.106	0.993	0.984	1.100	0.713	1.102	0.722	0.942	0.964
OTU 284	1.261	1.175	1.105	1.199	1.270	0.813	1.120	0.957	1.112	1.178
OTU 285	1.112	0.891	0.914	0.727	0.782	1.092	0.872	0.924	0.868	0.868
OTU 287	1.232	0.990	1.106	1.221	1.208	1.000	1.167	0.850	1.013	0.989
OTU 290	1.052	0.434	0.747	1.078	0.898	0.746	0.992	0.638	0.825	0.974
OTU 293	0.936	0.938	1.250	1.082	1.014	0.967	0.983	1.300	1.232	1.232
OTU 299	0.958	0.773	0.714	1.132	0.920	0.857	0.915	0.800	1.051	0.952
OTU 300	1.960	1.692	1.535	2.011	1.748	1.718	1.876	1.720	1.737	1.741
OTU 302	1.794	1.621	1.510	1.902	1.712	1.695	1.674	1.369	1.294	1.070
OTU 302	1.989	1.621	1.613	2.165	1.917	1.815	1.877	1.630	1.799	1.702
OTU 303	1.628	1.992	1.621	1.861	1.762	1.745	1.745	1.473	1.562	1.566
OTU 304	1.447	1.514	1.214	1.818	1.861	1.733	1.636	1.733	1.625	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	1.802	1.664	1.614	1.748	1.616	1.701	1.650	1.581	1.695	1.695
OTU 312	1.790	1.425	1.414	1.959	1.635	1.617	1.656	1.421	1.684	1.706
OTU 310	1.767	1.480	1.465	1.913	1.618	1.583	1.768	1.466	1.549	1.561
OTU 317	1.766	1.384	1.466	1.999	1.732	1.732	1.732	1.459	1.529	1.575
OTU 323	2.029	1.792	1.769	2.204	1.993	1.809	1.995	1.603	1.964	1.978
OTU 328	1.628	1.492	1.486	1.990	1.702	1.592	1.702	1.400	1.643	1.503
OTU 328	1.705	1.446	1.290	1.820	1.625	1.410	1.388	1.680	1.545	1.545
OTU 329	1.651	1.298	1.255	1.732	1.435	1.394	1.431	1.250	1.417	1.439
OTU 331	1.817	1.532	1.450	1.919	1.658	1.558	1.658	1.476	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 332	2.137	1.770	1.750	2.129	1.826	1.840	1.981	1.731	1.907	1.728
OTU 338	2.000	1.659	1.639	2.028	1.829	1.814	2.037	1.671	1.710	1.608

IDENTIFICATION:

COMPUTE DISTANCE

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	OTU 253	OTU 255	OTU 257	OTU 258	OTU 261	OTU 263	OTU 265	OTU 267	OTU 269	OTU 271
OTU 253	0.700									
OTU 255	1.033	0.000								
OTU 257	0.664	1.004	0.000							
OTU 258	0.942	0.918	0.999							
OTU 261	1.011	0.763	0.875	0.633	0.000					
OTU 263	1.245	0.907	1.203	0.801	0.706					
OTU 265	0.687	1.068	0.986	0.811	0.905	0.000				
OTU 267	0.617	0.882	0.965	0.652	0.756	0.888	0.740	0.000		
OTU 269	0.883	1.134	1.085	0.754	0.800	1.073	0.820	0.545	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	0.885	1.201	0.923	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	1.195	0.781	0.638	0.730	0.778
OTU 277	0.906	1.172	0.991	0.934	0.967	1.236	0.752	0.946	0.933	0.822
OTU 279	0.992	1.129	0.890	0.839	1.027	1.123	0.909	0.612	1.005	0.735
OTU 284	1.133	1.352	1.194	1.076	1.215	1.396	0.951	0.763	0.902	1.040
OTU 285	0.718	1.073	1.102	0.765	0.986	1.224	0.793	0.719	0.779	0.940
OTU 287	1.087	0.961	1.001	0.869	0.985	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	0.867	0.890
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	0.642	0.772	0.778	0.820	0.868
OTU 299	1.660	1.012	1.482	1.518	1.600	1.695	1.751	1.660	1.755	1.488
OTU 300	1.576	1.645	1.434	1.308	1.468	1.594	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	1.062	1.044	1.500	1.496	1.660	1.577	1.493	1.604	1.366
OTU 304	1.613	1.471	1.369	1.546	1.451	1.489	1.712	1.654	1.836	1.673
OTU 307	1.820	1.837	1.571	1.611	1.617	1.652	1.903	1.689	1.827	1.718
OTU 309	1.575	1.571	1.332	1.456	1.401	1.500	1.686	1.416	1.605	1.510
OTU 312	1.632	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	1.524	1.629	1.536	1.716	1.444
OTU 317	1.460	1.413	1.232	1.482	1.380	1.480	1.570	1.530	1.711	1.467
OTU 321	1.886	1.991	1.726	1.858	1.636	1.878	1.969	1.773	1.936	1.819
OTU 325	1.682	1.509	1.287	1.463	1.503	1.601	1.601	1.515	1.709	1.468
OTU 328	1.917	1.720	1.511	1.421	1.527	1.573	1.833	1.428	1.921	1.543
OTU 329	1.888	1.411	1.188	1.206	1.273	1.337	1.890	1.284	1.480	1.369
OTU 331	1.616	1.623	1.323	1.485	1.618	1.625	1.645	1.513	1.652	1.407
OTU 334	1.611	1.690	1.326	1.529	1.537	1.691	1.733	1.718	1.718	1.497
OTU 335	1.671	1.820	1.286	1.687	1.660	1.885	1.941	1.709	1.897	1.611
OTU 338	1.622	1.594	0.433	1.616	1.638	1.817	1.700	1.700	1.598	1.694

IDENTIFICATION:

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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								
OTU 279	0.851	0.934	0.000							
OTU 284	0.928	0.919	0.999		0.000					
OTU 285	0.964	0.886	0.792	1.011	0.948	0.000				
OTU 287	1.093	1.077	1.114	0.773	1.194	1.143	0.000			
OTU 290	0.675	0.661	0.833	0.708	0.880	0.822	0.691	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	1.058	0.947	1.067	0.983	0.905	0.736	0.783	0.000
OTU 299	1.203	1.600	1.655	1.589	1.805	1.122	1.771	1.393	1.432	1.617
OTU 300	1.226	1.496	1.467	1.484	1.578	1.761	1.625	1.192	1.378	1.394
OTU 302	1.436	1.649	1.838	1.754	1.826	1.800	1.706	1.305	1.535	1.505
OTU 303	1.277	1.562	1.627	1.480	1.543	1.580	1.532	1.243	1.407	1.477
OTU 304	1.600	1.673	1.491	1.633	1.937	1.884	1.948	1.476	1.547	1.505
OTU 307	1.395	1.675	1.905	1.676	1.654	1.835	1.722	1.466	1.609	1.634
OTU 309	1.260	1.502	1.698	1.477	1.608	1.647	1.571	1.255	1.272	1.418
OTU 312	1.335	1.549	1.770	1.560	1.702	1.699	1.687	1.260	1.236	1.408
OTU 315	1.310	1.551	1.626	1.431	1.708	1.644	1.555	1.204	1.352	1.423
OTU 317	1.401	1.605	1.671	1.311	1.731	1.771	1.689	1.265	1.496	1.337
OTU 324	1.638	1.480	1.980	1.718	1.878	2.036	1.915	1.579	1.664	1.724
OTU 325	1.390	1.534	1.693	1.377	1.687	1.644	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	1.251
OTU 329	1.161	1.353	1.500	1.285	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	1.229	1.332	1.482
OTU 334	1.345	1.576	1.733	1.526	1.668	1.687	1.667	1.349	1.407	1.539
OTU 335	1.555	1.691	1.862	1.714	1.910	1.792	1.792	1.590	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:

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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	1.201	1.099	0.000							
OTU 303	1.043	1.197	0.501							
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	0.896	0.839	1.190	0.781	0.000			
OTU 312	1.103	0.971	1.013	1.051	1.114	0.932	0.875	0.000		
OTU 315	0.990	0.986	1.120	0.860	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	1.028	1.390	1.434	1.827	1.483	1.313	1.246	1.440	1.481
OTU 325	1.125	1.182	0.817	0.858	0.932	1.040	0.920	0.994	1.637	0.943
OTU 329	1.357	1.082	1.201	1.131	1.489	1.305	1.217	0.993	1.281	1.337
OTU 329	1.012	1.022	0.991	0.873	1.123	0.895	0.780	0.756	0.943	1.045
OTU 331	0.853	1.022	0.861	0.796	1.131	0.898	0.725	0.752	0.933	1.120
OTU 334	1.075	0.980	0.818	0.625	1.314	0.849	0.798	0.796	0.907	1.172
OTU 335	1.127	1.407	1.025	0.846	1.204	1.022	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:

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COMPUTE DISTANCE

	OTU 323	OTU 325	OTU 326	OTU 329	OTU 331	OTU 334	OTU 335	OTU 338
OTU 323	0.000							
OTU 325	1.391	0.000						
OTU 326	1.247	1.131	0.000					
OTU 329	1.318	0.611	1.008					
OTU 331	1.213	0.461	0.960	0.676	0.000			
OTU 334	1.275	0.788	0.908	0.781	0.378	0.000		
OTU 335	1.656	0.869	1.213	1.019	0.920	0.727	0.000	
OTU 338	1.906	1.680	1.643	1.157	1.150	1.121	0.945	0.000

APPENDIX IIE

Matrix of Correlation Values for
138 Male OTUs

IDENTIFICATION:

PAGE 1

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	0.600	1.000								
OTU 044	0.563	0.591	1.000							
OTU 048	0.324	0.258	0.271	1.000						
OTU 055	0.197	0.207	0.403	0.117	1.000					
OTU 056	0.640	0.429	0.404	0.416	0.512	1.000				
OTU 062	-0.066	0.025	0.214	0.519	0.300	0.193	1.000			
OTU 063	0.281	0.103	0.221	0.388	0.162	0.223	0.494	1.000		
OTU 065	-0.301	0.132	0.132	0.516	0.019	0.034	0.292	0.019	1.000	
OTU 069	0.176	0.102	-0.161	0.093	-0.143	-0.053	0.011	0.295	0.017	0.185
OTU 072	0.231	0.316	0.299	0.171	0.079	0.272	0.177	0.354	0.144	0.136
OTU 073	0.188	0.362	0.119	0.013	-0.142	-0.073	0.239	0.173	0.144	0.425
OTU 074	0.009	0.083	-0.102	0.092	-0.121	-0.101	0.188	0.232	0.473	0.493
OTU 075	-0.152	0.071	-0.062	-0.119	0.050	0.081	0.221	0.293	0.308	0.136
OTU 079	-0.097	-0.175	-0.116	-0.031	-0.160	-0.181	0.020	0.264	0.159	0.110
OTU 081	0.291	0.380	-0.035	-0.048	-0.217	0.169	-0.055	0.269	0.225	0.336
OTU 082	-0.126	-0.002	-0.171	-0.046	0.155	0.112	0.192	0.219	0.260	0.061
OTU 084	0.263	0.049	0.132	0.359	-0.033	0.160	0.333	0.535	-0.007	0.409
OTU 087	0.462	0.294	0.344	0.218	-0.008	0.515	0.143	0.298	0.122	0.022
OTU 089	0.191	-0.166	0.017	0.235	-0.110	0.189	0.222	-0.061	-0.185	0.065
OTU 092	0.057	0.099	-0.021	0.300	-0.024	0.105	0.177	0.286	0.049	0.261
OTU 095	0.090	0.016	-0.047	-0.065	0.113	-0.160	-0.300	0.082	-0.105	-0.033
OTU 096	-0.211	-0.095	-0.145	-0.132	0.007	-0.196	-0.095	-0.061	0.137	0.022
OTU 098	-0.079	0.109	-0.213	-0.176	-0.068	-0.252	-0.140	-0.142	0.001	0.299
OTU 099	-0.062	-0.340	-0.208	0.278	0.199	0.437	0.211	0.208	0.167	0.065
OTU 101	-0.232	-0.042	-0.045	-0.039	-0.008	-0.010	-0.015	-0.162	0.246	-0.181
OTU 103	-0.230	-0.182	-0.060	0.100	-0.060	-0.010	0.216	0.126	0.391	0.103
OTU 105	0.078	0.125	0.079	0.362	0.251	0.110	0.269	0.196	0.008	0.187
OTU 107	0.777	0.093	0.398	0.573	0.324	0.367	0.238	0.298	0.011	-0.019
OTU 109	0.348	0.190	0.116	0.406	0.176	0.422	0.117	0.280	-0.118	-0.080
OTU 111	0.141	-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	0.001	0.467	0.178	0.256	-0.076	-0.088
OTU 117	0.585	-0.036	0.129	0.418	0.155	0.595	0.080	0.125	-0.034	0.021
OTU 118	0.029	-0.187	0.095	0.342	0.030	0.592	0.070	0.099	0.248	0.016
OTU 120	-0.035	0.086	-0.061	-0.131	0.040	0.322	-0.095	-0.164	0.013	-0.067
OTU 121	-0.092	-0.008	-0.065	-0.055	-0.034	0.039	0.039	-0.118	0.120	-0.098
OTU 123	-0.167	-0.119	0.135	0.046	0.062	0.033	-0.027	-0.090	-0.016	0.002
OTU 124	-0.280	-0.227	-0.214	-0.118	-0.046	-0.147	-0.036	-0.159	0.043	-0.066
OTU 126	-0.436	-0.171	-0.409	-0.248	-0.011	-0.329	0.075	0.051	0.045	0.204
OTU 128	-0.303	-0.383	-0.087	0.189	0.128	-0.199	0.280	0.085	0.349	-0.008
OTU 131	-0.075	-0.328	0.083	0.213	0.175	0.337	0.090	0.074	0.231	-0.318
OTU 133	-0.200	-0.380	-0.099	0.063	0.061	-0.164	0.116	0.025	-0.016	-0.010
OTU 134	-0.100	-0.241	0.176	0.375	0.331	0.020	0.226	0.106	0.121	-0.210
OTU 137	0.049	0.028	0.165	0.512	0.324	0.050	0.199	0.216	0.082	-0.087
OTU 139	-0.185	-0.069	-0.081	0.043	0.178	-0.048	0.208	0.170	0.234	-0.218
OTU 141	0.107	0.127	0.083	0.327	-0.191	0.021	0.087	0.113	0.087	0.007
OTU 142	0.013	0.164	0.058	-0.006	0.304	-0.199	0.095	0.096	0.076	0.072
OTU 144	-0.181	-0.348	0.039	0.011	0.015	-0.069	0.172	0.116	0.019	-0.305
OTU 146	0.186	0.019	0.091	0.062	0.059	0.001	0.185	0.086	-0.099	-0.019
OTU 148	-0.421	-0.456	-0.275	0.063	0.093	-0.128	0.290	0.066	0.261	0.018

PLEASE TURN THE PAGE

CONTINUATION OF
COMPUTE CORRELATIONS

PAGE 2

	OTU 040	OTU 041	OTU 044	OTU 048	OTU 055	OTU 056	OTU 062	OTU 063	OTU 065	OTU 069
OTU 150	0.529	0.282	0.027	-0.035	-0.072	0.160	-0.153	0.092	-0.180	0.448
OTU 154	-0.440	-0.243	0.043	0.070	0.178	-0.382	0.167	0.058	0.276	-0.068
OTU 156	-0.198	-0.236	0.070	-0.080	0.009	-0.165	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	-0.003	0.037	0.135	-0.107	0.046	-0.104	0.113	-0.113
OTU 161	-0.232	-0.216	-0.058	0.026	0.305	-0.032	0.139	0.163	0.218	-0.042
OTU 163	0.002	0.134	-0.090	0.102	0.019	-0.071	0.036	0.166	0.151	-0.053
OTU 168	-0.309	0.083	-0.140	-0.127	-0.082	-0.049	0.028	-0.129	0.133	0.091
OTU 169	-0.304	-0.235	-0.048	0.054	0.126	-0.136	0.167	0.111	0.269	-0.394
OTU 170	-0.252	-0.072	0.084	0.239	0.090	-0.174	0.195	0.001	0.505	-0.314
OTU 172	0.163	0.001	0.046	-0.065	-0.061	0.018	-0.273	-0.227	-0.157	0.128
OTU 173	0.209	0.292	0.069	-0.224	-0.171	-0.194	-0.381	-0.284	-0.221	0.129
OTU 174	-0.067	-0.053	-0.157	-0.295	-0.314	-0.138	-0.248	-0.208	-0.072	0.142
OTU 175	-0.087	-0.083	0.061	-0.050	0.006	-0.339	-0.168	-0.059	-0.177	0.017
OTU 176	-0.100	-0.111	-0.455	-0.290	-0.081	0.040	-0.209	-0.146	-0.067	0.057
OTU 178	0.200	0.135	0.170	0.011	0.125	-0.291	-0.078	0.104	-0.057	-0.432
OTU 179	-0.051	0.314	-0.125	-0.147	-0.020	-0.125	-0.189	-0.093	0.030	0.200
OTU 180	0.291	0.033	-0.074	0.100	-0.199	0.327	-0.035	0.130	-0.209	0.081
OTU 184	-0.348	-0.236	-0.211	0.007	0.082	-0.193	0.220	0.207	-0.185	0.166
OTU 185	-0.036	0.060	-0.083	-0.141	-0.274	-0.034	0.045	-0.068	0.120	-0.073
OTU 188	-0.169	-0.113	-0.101	-0.037	-0.152	-0.160	0.019	0.014	-0.003	-0.090
OTU 190	-0.170	-0.196	0.009	0.022	-0.072	-0.207	0.077	-0.059	0.317	-0.205
OTU 192	-0.234	0.093	-0.241	-0.282	-0.248	-0.211	-0.034	-0.249	0.205	0.053
OTU 193	-0.071	-0.057	-0.094	0.059	0.136	0.168	0.164	0.008	0.187	-0.273
OTU 195	-0.193	-0.329	-0.201	-0.012	-0.153	-0.134	-0.114	-0.054	-0.123	-0.052
OTU 198	-0.004	-0.216	-0.157	0.033	0.218	0.274	0.098	0.128	-0.306	-0.219
OTU 201	-0.095	-0.029	0.057	0.048	0.073	0.108	-0.036	0.060	0.174	0.312
OTU 203	0.011	-0.088	0.062	-0.012	-0.150	-0.110	0.046	0.153	0.126	-0.200
OTU 204	-0.269	-0.450	-0.266	0.115	0.217	0.027	0.199	0.108	0.026	-0.145
OTU 205	0.011	0.130	-0.014	-0.231	-0.246	0.040	-0.166	-0.091	0.280	-0.148
OTU 207	-0.072	-0.228	-0.048	-0.029	-0.008	0.004	-0.135	-0.203	-0.011	-0.468
OTU 208	0.016	-0.139	-0.291	-0.383	-0.018	0.093	-0.134	-0.069	-0.297	-0.142
OTU 211	0.150	-0.341	-0.193	-0.113	-0.101	0.041	-0.200	-0.362	-0.292	0.079
OTU 214	-0.447	-0.329	-0.418	-0.198	-0.342	-0.487	-0.169	-0.366	-0.015	0.121
OTU 215	0.011	-0.140	-0.127	-0.030	-0.021	-0.292	-0.076	0.214	-0.196	0.193
OTU 217	0.046	0.043	-0.093	-0.398	-0.277	-0.143	-0.342	-0.274	-0.162	0.127
OTU 219	-0.059	0.011	-0.159	-0.181	-0.158	-0.171	-0.270	-0.259	-0.199	0.232
OTU 222	0.037	-0.090	0.001	0.101	0.033	0.049	-0.023	0.046	0.129	-0.059
OTU 223	-0.032	0.003	0.059	0.124	0.101	0.033	0.078	-0.136	0.293	-0.113
OTU 224	-0.341	-0.440	-0.219	-0.040	-0.063	-0.326	0.023	-0.068	0.144	0.100
OTU 226	0.095	-0.156	0.044	0.122	0.062	0.251	0.067	-0.066	0.035	-0.332
OTU 228	0.303	0.301	0.332	0.065	0.002	0.173	-0.061	-0.202	-0.046	-0.336
OTU 232	0.000	-0.001	0.167	0.063	0.016	0.050	0.175	0.015	-0.032	0.539
OTU 233	-0.107	-0.159	0.098	-0.060	-0.082	-0.214	-0.082	0.083	0.070	-0.160
OTU 237	-0.194	-0.127	0.053	0.010	0.091	-0.096	-0.018	-0.057	0.157	-0.399
OTU 238	0.327	-0.276	-0.117	0.182	0.090	-0.177	0.209	0.092	-0.063	-0.269
OTU 240	0.039	-0.199	0.102	0.109	-0.042	-0.096	0.106	0.101	-0.178	-0.282
OTU 242	-0.013	-0.052	-0.040	-0.209	0.029	-0.061	-0.142	-0.163	-0.262	-0.190
OTU 245	0.083	0.097	0.043	0.043	-0.138	0.107	-0.167	0.156	0.094	-0.173
OTU 250	0.240	0.222	0.151	-0.090	-0.040	0.093	-0.101	-0.017	0.005	-0.070

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CONTINUATION OF
COMPUTE CORRELATIONS

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	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	0.143	-0.003	-0.071	0.069	-0.060	-0.036	0.124	-0.084
OTU 255	0.213	0.366	0.131	-0.130	-0.161	0.007	-0.152	-0.304	-0.066	-0.179
OTU 257	0.206	0.199	-0.010	-0.030	-0.085	-0.116	-0.018	0.273	-0.023	0.271
OTU 258	-0.088	-0.055	0.094	-0.033	-0.040	-0.117	-0.031	-0.195	-0.162	-0.381
OTU 261	0.088	0.294	0.330	0.059	-0.124	-0.032	-0.038	-0.163	-0.091	-0.245
OTU 263	0.080	0.089	0.168	-0.004	0.017	0.079	-0.006	-0.167	-0.226	-0.337
OTU 265	0.199	0.119	0.291	0.075	0.025	0.007	-0.066	-0.054	-0.064	-0.152
OTU 267	-0.032	0.071	0.138	-0.067	-0.012	-0.088	-0.044	-0.110	-0.206	-0.278
OTU 269	0.097	0.096	0.292	0.217	0.115	0.076	-0.010	0.036	-0.025	-0.413
OTU 271	0.094	0.050	0.102	-0.152	0.015	-0.058	0.096	0.140	-0.081	-0.025
OTU 274	-0.153	-0.063	0.216	-0.076	-0.046	-0.226	-0.085	-0.204	-0.185	-0.150
OTU 275	-0.040	0.100	0.739	-0.139	-0.254	-0.166	-0.034	0.090	0.039	-0.137
OTU 277	-0.135	0.086	0.095	-0.056	-0.132	-0.093	0.132	-0.190	0.277	-0.099
OTU 279	-0.110	-0.250	-0.244	-0.266	-0.250	-0.184	-0.100	0.048	-0.162	0.157
OTU 284	-0.260	-0.193	-0.032	0.015	0.048	-0.105	0.159	-0.039	-0.087	-0.083
OTU 285	-0.300	0.129	0.024	0.025	0.119	-0.286	0.173	-0.067	0.234	-0.181
OTU 287	0.207	-0.006	-0.032	-0.259	-0.151	-0.046	-0.206	-0.066	-0.048	0.048
OTU 290	-0.319	-0.242	-0.093	-0.084	-0.046	-0.284	0.197	-0.284	0.023	-0.251
OTU 293	-0.284	-0.204	0.010	0.099	-0.010	-0.303	0.139	0.176	-0.200	-0.249
OTU 294	0.050	0.092	0.108	0.094	0.181	0.206	0.070	0.800	-0.216	-0.321
OTU 299	-0.006	-0.084	-0.146	-0.405	-0.164	-0.401	-0.212	-0.272	-0.028	0.036
OTU 300	-0.227	-0.174	-0.085	-0.299	-0.146	-0.150	-0.338	-0.396	-0.030	-0.152
OTU 302	0.099	0.174	-0.094	-0.299	-0.003	-0.093	-0.322	-0.229	-0.279	0.144
OTU 303	-0.092	0.044	-0.202	-0.168	-0.011	-0.261	-0.166	-0.191	-0.212	0.207
OTU 304	0.122	0.303	-0.067	-0.283	-0.102	0.167	-0.296	0.083	-0.471	0.227
OTU 307	-0.315	-0.130	-0.267	-0.222	-0.154	-0.269	-0.106	-0.186	-0.239	0.073
OTU 309	-0.190	-0.044	-0.350	-0.368	-0.123	-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	-0.282	-0.434	-0.127	-0.299	-0.308	-0.375	-0.155	-0.182
OTU 317	0.201	0.009	-0.106	-0.299	-0.107	0.079	-0.279	-0.107	-0.295	0.281
OTU 323	-0.132	-0.204	-0.209	-0.294	-0.168	-0.078	-0.235	-0.269	-0.087	0.071
OTU 325	0.071	0.026	-0.359	-0.470	-0.206	-0.243	-0.312	-0.143	-0.466	0.057
OTU 328	-0.066	-0.234	-0.040	-0.080	-0.009	-0.167	0.121	-0.191	-0.108	0.066
OTU 329	-0.318	-0.253	-0.355	-0.293	-0.185	-0.477	-0.243	-0.247	-0.148	0.316
OTU 331	-0.151	0.084	-0.373	-0.439	-0.118	-0.408	-0.322	-0.250	-0.247	0.020
OTU 334	-0.177	0.016	-0.246	-0.278	-0.156	-0.343	-0.134	-0.169	-0.115	0.283
OTU 335	-0.059	0.193	-0.169	-0.264	-0.172	-0.379	-0.218	0.026	-0.220	0.383
OTU 336	-0.078	0.169	-0.324	-0.497	-0.313	-0.436	-0.446	-0.265	-0.104	0.329

IDENTIFICATION:

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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 072	1.000									
OTU 073	0.182	1.000								
OTU 074	0.136	0.299	1.000							
OTU 075	0.375	0.347	0.334	1.000						
OTU 079	0.004	0.123	0.353	0.433	1.000					
OTU 081	0.351	0.256	0.488	0.333	0.283	1.000				
OTU 082	0.451	0.020	0.259	0.209	0.134	0.309	1.000			
OTU 084	0.171	0.484	0.167	0.177	0.335	0.096	-0.147	1.000		
OTU 087	0.508	0.390	0.085	0.270	0.308	0.285	0.193	0.382	1.000	
OTU 089	-0.093	-0.021	0.056	-0.014	0.321	0.008	-0.489	0.411	0.053	1.000
OTU 092	0.439	0.341	0.052	0.158	0.179	0.245	0.148	0.353	0.352	0.046
OTU 095	-0.109	-0.377	0.121	0.028	0.121	0.204	-0.031	-0.175	-0.156	0.084
OTU 096	-0.215	-0.200	0.237	0.061	0.016	0.189	-0.005	-0.208	-0.156	-0.113
OTU 098	-0.313	-0.050	0.132	-0.006	0.049	0.108	-0.184	-0.171	-0.163	0.012
OTU 099	0.109	0.199	0.130	0.121	0.590	0.016	0.348	0.257	0.357	0.774
OTU 101	-0.338	-0.040	0.169	-0.095	0.060	0.082	-0.123	-0.180	-0.290	0.050
OTU 103	0.269	0.128	0.126	0.284	0.137	0.089	0.350	0.230	0.152	0.044
OTU 105	0.028	0.036	-0.063	0.283	-0.049	-0.077	-0.195	0.183	-0.026	0.550
OTU 107	0.076	0.024	0.260	-0.003	-0.006	-0.073	-0.036	0.218	0.353	0.319
OTU 109	0.124	0.105	-0.109	-0.025	-0.046	0.139	0.039	0.283	0.389	0.301
OTU 111	-0.092	-0.227	0.064	-0.403	-0.028	-0.175	0.089	-0.072	0.110	0.061
OTU 113	-0.053	-0.093	-0.003	0.040	0.253	-0.157	0.225	0.348	0.303	0.118
OTU 117	0.079	-0.041	-0.022	-0.127	0.160	0.110	-0.050	0.317	0.430	0.481
OTU 118	0.360	0.079	0.005	0.096	0.079	-0.000	-0.047	0.283	0.361	0.101
OTU 120	-0.290	-0.210	0.062	0.036	0.077	0.096	-0.265	-0.214	-0.268	0.175
OTU 121	-0.044	-0.083	0.137	-0.026	0.183	0.078	-0.310	-0.053	-0.197	0.226
OTU 123	-0.328	-0.137	-0.084	0.055	-0.141	0.120	-0.208	-0.170	-0.273	0.183
OTU 124	-0.312	-0.313	0.106	0.005	0.193	-0.043	-0.161	-0.125	-0.278	0.183
OTU 126	-0.297	-0.071	0.083	0.184	0.205	-0.286	-0.052	-0.035	-0.460	-0.009
OTU 128	0.134	-0.158	0.029	0.013	-0.040	-0.175	0.173	-0.182	-0.127	-0.061
OTU 131	0.158	-0.246	-0.198	0.120	0.283	-0.800	0.230	-0.027	0.820	0.023
OTU 133	0.277	-0.180	0.098	0.009	0.138	-0.199	0.219	0.097	-0.257	0.200
OTU 134	0.092	-0.028	-0.045	-0.115	-0.875	-0.156	0.076	0.070	0.055	-0.187
OTU 137	0.238	0.067	-0.096	0.313	0.084	0.008	0.160	0.259	0.319	0.160
OTU 139	0.202	-0.117	0.028	0.138	-0.215	0.079	0.308	0.068	0.075	-0.408
OTU 141	0.215	0.156	-0.288	-0.205	-0.121	0.062	0.023	0.193	0.163	-0.006
OTU 142	0.265	0.152	0.133	0.384	-0.123	0.066	0.185	0.186	0.107	-0.114
OTU 144	0.282	0.058	-0.106	0.089	-0.078	0.007	0.350	-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	0.303	-0.151	0.436	-0.166	-0.182	-0.157
OTU 150	0.039	0.272	-0.010	-0.077	-0.064	0.366	-0.015	0.315	0.230	0.051
OTU 154	-0.105	-0.043	0.119	0.174	-0.157	-0.138	-0.009	-0.153	-0.323	-0.208
OTU 156	0.129	-0.125	-0.022	-0.061	-0.286	-0.209	0.117	0.021	0.171	-0.273
OTU 157	-0.233	0.149	0.026	0.004	-0.184	-0.290	-0.121	0.022	-0.056	0.162
OTU 160	0.068	-0.136	-0.113	0.188	-0.113	-0.191	0.079	0.003	0.114	-0.391
OTU 161	0.102	-0.081	0.224	0.380	0.092	-0.119	0.287	0.048	0.093	-0.184
OTU 163	0.239	0.096	0.057	0.015	-0.191	0.365	0.428	0.036	0.131	-0.316
OTU 168	0.120	0.332	0.188	0.195	-0.225	0.134	0.295	-0.111	-0.170	-0.459
OTU 169	0.170	0.021	-0.058	0.062	-0.138	-0.207	0.267	-0.074	0.135	-0.377
OTU 170	0.206	-0.210	0.156	-0.063	-0.210	0.030	0.316	-0.247	0.087	-0.173

PLEASE TURN THE PAGE

CONTINUATION OF

PAGE 5

COMPUTE CORRELATIONS

	OTU 072	OTU 073	OTU 074	OTU 075	OTU 076	OTU 077	OTU 078	OTU 079	OTU 080	OTU 081	OTU 082	OTU 083	OTU 084	OTU 085	OTU 086
OTU 172	-0.363	-0.029	0.134	-0.170	0.036	0.060	-0.411	0.090	-0.043	0.089					
OTU 173	-0.372	0.082	-0.073	-0.071	-0.114	0.085	-0.558	0.053	-0.190	0.158					
OTU 174	-0.312	-0.099	0.199	0.086	0.034	-0.018	-0.410	-0.132	-0.209	0.071					
OTU 175	-0.290	-0.159	-0.145	-0.085	-0.291	-0.249	-0.578	-0.262	-0.547	0.328					
OTU 176	-0.409	-0.431	0.198	0.007	0.332	0.036	-0.007	-0.240	-0.334	0.318					
OTU 177	-0.069	-0.389	-0.169	-0.095	-0.104	0.017	0.034	-0.264	0.066	-0.072					
OTU 179	0.011	0.176	0.081	0.114	-0.132	0.273	0.250	-0.166	-0.092	-0.339					
OTU 180	0.214	0.091	-0.170	-0.065	0.310	0.293	-0.162	0.291	0.389	0.521					
OTU 181	0.085	-0.140	0.176	0.278	0.142	-0.162	0.297	-0.144	-0.253	-0.080					
OTU 185	0.249	0.090	0.157	-0.108	0.031	0.254	0.413	0.045	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	0.082	-0.016	0.248	0.124	-0.160	-0.111	0.131	-0.290	0.091	-0.038					
OTU 192	0.075	0.233	0.161	0.107	0.004	0.118	0.338	-0.150	0.022	-0.389					
OTU 193	0.225	-0.157	-0.169	-0.053	-0.736	0.226	0.507	-0.349	0.233	-0.450					
OTU 195	-0.132	-0.154	-0.181	-0.211	0.256	-0.140	-0.01	-0.009	-0.061	-0.176					
OTU 198	-0.059	-0.353	-0.193	-0.120	0.158	-0.223	0.197	0.073	0.008	0.229					
OTU 201	0.250	-0.154	0.245	-0.045	-0.146	-0.383	0.301	-0.277	0.583	-0.308					
OTU 203	0.774	-0.078	0.030	-0.263	-0.111	0.012	0.167	0.221	0.099	-0.017					
OTU 204	-0.107	-0.345	-0.143	-0.161	0.223	-0.454	0.126	0.109	-0.063	0.046					
OTU 205	0.204	0.015	0.061	0.089	0.021	0.230	0.306	-0.124	0.176	-0.330					
OTU 207	-0.090	-0.436	-0.297	-0.321	-0.273	-0.193	-0.280	-0.280	-0.087	-0.239					
OTU 208	0.037	-0.430	-0.280	-0.099	0.004	0.047	0.354	-0.406	-0.072	-0.126					
OTU 211	-0.203	-0.382	-0.096	-0.420	-0.159	-0.008	0.058	-0.382	-0.217	-0.006					
OTU 214	-0.408	-0.163	-0.056	-0.250	0.036	-0.276	-0.344	-0.238	-0.567	-0.016					
OTU 215	-0.119	-0.190	0.047	-0.422	-0.011	-0.192	-0.230	0.021	-0.374	0.165					
OTU 217	-0.023	-0.022	0.063	-0.044	0.162	-0.009	-0.333	-0.018	-0.153	0.089					
OTU 219	-0.352	-0.114	-0.041	-0.140	0.117	-0.143	-0.445	0.068	-0.359	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	0.508	0.022	0.100	0.098	-0.270	0.102	0.260	-0.190	0.105	-0.315					
OTU 224	0.058	-0.048	0.012	-0.054	0.007	-0.167	0.190	-0.017	-0.088	-0.058					
OTU 226	0.181	-0.118	-0.228	-0.143	-0.052	-0.026	0.183	-0.001	0.266	0.042					
OTU 228	-0.025	-0.095	-0.232	-0.166	-0.236	-0.040	-0.131	-0.172	0.124	-0.164					
OTU 232	0.069	-0.194	-0.372	-0.130	-0.272	-0.184	0.005	-0.075	0.078	-0.030					
OTU 233	0.206	0.056	-0.125	-0.103	-0.290	-0.090	0.199	-0.015	0.101	-0.126					
OTU 237	0.030	-0.137	-0.329	0.018	-0.282	-0.097	0.538	-0.269	-0.092	-0.347					
OTU 238	0.206	0.122	-0.233	0.145	-0.159	-0.300	0.208	-0.149	0.005	-0.095					
OTU 240	0.159	-0.184	-0.324	-0.203	-0.123	0.098	-0.181	-0.030	-0.030	-0.457					
OTU 242	-0.216	0.113	-0.292	-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	0.228	-0.223					
OTU 250	0.174	0.261	-0.070	0.074	-0.234	0.284	0.407	-0.177	0.364	-0.457					
OTU 253	0.387	0.256	0.078	0.059	-0.013	0.369	0.301	0.036	0.442	-0.281					
OTU 255	0.130	0.123	-0.168	-0.085	-0.111	0.248	0.119	-0.330	0.105	-0.181					
OTU 257	0.264	0.357	0.181	0.171	0.193	0.307	0.174	0.323	0.401	-0.246					
OTU 258	-0.089	-0.135	-0.432	-0.018	-0.458	-0.195	-0.182	-0.172	-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	-0.259	-0.173	-0.175	-0.172	-0.259	-0.178	-0.189	-0.104	-0.012	0.180					
OTU 265	0.311	0.307	-0.110	-0.015	-0.128	0.189	-0.006	0.161	0.418	-0.102					
OTU 267	0.148	0.080	-0.471	-0.113	-0.311	-0.124	0.104	-0.078	0.184	-0.225					
OTU 269	0.104	0.012	-0.521	-0.151	-0.108	-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	-0.335					

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CONTINUATION OF
COMPUTE CORRELATIONS

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	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	-0.197	-0.050	-0.162	-0.403	-0.151	0.083	0.091	-0.237
OTU 275	0.273	0.277	-0.324	0.104	-0.097	0.011	0.089	0.066	0.279	-0.275
OTU 277	0.137	0.350	0.094	0.253	-0.122	0.127	0.210	0.054	0.325	-0.159
OTU 279	0.148	0.171	0.116	0.164	0.132	0.023	0.232	-0.077	0.153	-0.084
OTU 284	-0.076	0.263	-0.354	0.122	0.096	-0.244	0.081	0.089	0.086	-0.147
OTU 285	0.228	0.169	-0.147	0.087	-0.384	0.038	0.304	-0.166	-0.114	-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	-0.327	0.016	-0.217	-0.133	-0.025
OTU 293	-0.028	0.237	-0.351	-0.189	-0.274	-0.309	-0.087	-0.190	-0.302	0.022
OTU 294	0.290	-0.311	-0.408	0.017	0.045	-0.215	0.300	-0.058	0.174	0.051
OTU 299	-0.244	-0.017	-0.046	0.018	0.045	-0.228	-0.304	-0.212	-0.341	-0.178
OTU 300	-0.413	-0.073	-0.083	-0.172	0.129	-0.406	-0.383	-0.142	-0.165	0.092
OTU 302	-0.174	-0.059	-0.026	-0.148	0.066	-0.010	-0.215	0.026	-0.280	-0.012
OTU 303	-0.249	-0.011	0.079	-0.219	-0.018	-0.189	-0.179	-0.065	-0.414	-0.194
OTU 304	-0.164	0.049	-0.049	0.073	0.168	0.273	-0.311	-0.053	-0.057	0.233
OTU 307	-0.462	-0.054	-0.215	-0.096	0.090	-0.264	-0.446	0.004	-0.493	0.189
OTU 309	-0.342	-0.191	-0.132	-0.276	0.080	-0.130	-0.336	-0.141	-0.334	0.073
OTU 312	-0.459	-0.232	-0.011	-0.177	0.066	-0.284	-0.388	-0.016	-0.479	0.131
OTU 315	-0.469	-0.225	0.057	-0.184	-0.087	-0.214	-0.203	-0.431	-0.455	-0.252
OTU 317	-0.182	-0.069	0.152	-0.133	0.236	-0.013	-0.263	-0.049	-0.051	0.194
OTU 318	-0.256	-0.214	0.104	-0.289	0.111	-0.233	-0.160	0.001	-0.302	0.105
OTU 325	-0.177	0.086	0.083	-0.089	0.102	0.080	-0.240	-0.046	-0.386	0.126
OTU 326	-0.078	-0.166	0.113	-0.035	0.080	-0.343	-0.128	0.173	-0.316	0.206
OTU 329	-0.510	-0.517	0.186	-0.102	-0.014	-0.162	-0.350	-0.189	-0.658	0.125
OTU 331	-0.324	0.030	0.089	-0.165	0.022	-0.166	-0.350	0.018	-0.480	0.009
OTU 334	-0.301	0.058	0.101	-0.079	0.015	-0.163	-0.108	-0.067	-0.481	-0.204
OTU 335	-0.134	0.118	0.143	-0.039	-0.092	0.038	-0.108	-0.049	-0.481	-0.133
OTU 335	-0.203	0.142	0.275	0.059	-0.073	0.208	-0.108	-0.267	-0.371	-0.188

IDENTIFICATION:

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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 092	1.000									
OTU 095	-0.427	1.000								
OTU 096	-0.502	0.848	1.000							
OTU 098	-0.427	0.594	0.733	1.000						
OTU 099	0.194	0.050	-0.123	-0.313	1.000					
OTU 101	-0.474	0.044	0.737	0.513	0.020	1.000				
OTU 103	0.243	-0.426	-0.376	-0.437	0.337	-0.204	1.000			
OTU 105	0.386	-0.239	-0.297	-0.004	0.121	-0.272	0.179	1.000		
OTU 107	0.168	-0.192	-0.287	-0.346	0.458	-0.140	-0.011	0.383	1.000	
OTU 109	0.220	-0.138	-0.361	-0.317	0.271	-0.379	0.098	0.432	0.584	1.000
OTU 111	-0.060	-0.136	-0.235	-0.432	0.239	-0.040	0.041	-0.162	0.205	0.344
OTU 112	0.205	-0.164	-0.283	-0.427	0.604	-0.167	0.266	0.050	0.300	0.351
OTU 116	0.309	-0.299	-0.387	-0.449	0.678	-0.153	0.291	0.331	0.510	0.490
OTU 118	0.409	-0.444	-0.409	-0.439	0.363	-0.362	0.322	0.315	0.424	0.344
OTU 120	0.245	-0.238	0.133	0.708	-0.061	0.780	-0.375	-0.047	-0.166	-0.240
OTU 121	-0.501	0.660	0.738	0.618	-0.061	0.604	-0.322	-0.087	-0.200	-0.245
OTU 123	-0.421	0.600	0.638	0.603	0.055	0.654	-0.278	-0.011	-0.183	-0.382
OTU 126	-0.410	0.730	0.725	0.631	-0.025	0.767	-0.275	-0.188	-0.138	-0.316
OTU 128	-0.157	0.333	-0.423	0.572	-0.087	0.402	-0.193	0.087	-0.316	-0.435
OTU 129	0.260	-0.189	-0.091	-0.257	0.238	-0.075	0.482	0.236	0.041	-0.164
OTU 131	-0.007	-0.173	-0.295	-0.508	0.846	-0.198	0.431	0.007	0.386	0.331
OTU 133	0.203	-0.010	-0.037	-0.125	0.023	0.105	-0.013	0.217	0.156	-0.120
OTU 134	0.294	-0.251	-0.190	-0.532	0.133	-0.281	0.160	-0.013	0.157	0.087
OTU 137	0.286	-0.176	-0.291	-0.435	1.505	-0.135	0.365	0.462	0.425	0.463
OTU 139	0.331	-0.387	-0.253	-0.541	0.017	-0.279	0.829	0.056	-0.097	0.001
OTU 141	0.286	-0.352	-0.345	-0.187	0.093	0.323	0.182	0.255	0.194	0.390
OTU 142	0.116	-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	0.259	-0.205	0.287	-0.118	0.276	0.233
OTU 146	-0.680	-0.099	-0.210	-0.125	0.559	0.054	0.077	0.087	0.194	0.192
OTU 148	0.019	-0.059	0.005	-0.346	0.016	0.292	-0.097	-0.097	-0.179	-0.352
OTU 150	0.135	-0.041	-0.213	0.077	-0.008	-0.223	0.042	0.160	0.146	0.268
OTU 154	0.013	-0.100	0.116	-0.097	-0.165	0.117	0.180	0.095	-0.071	-0.427
OTU 156	0.047	-0.439	-0.276	-0.463	0.018	-0.161	0.076	-0.104	0.029	-0.009
OTU 157	-0.001	-0.344	-0.266	-0.197	0.021	-0.228	0.029	0.233	0.261	0.098
OTU 160	0.163	-0.321	-0.251	-0.265	0.049	-0.218	0.267	0.353	0.015	-0.041
OTU 161	0.237	-0.250	-0.263	-0.393	0.387	-0.211	0.411	0.348	0.342	0.110
OTU 163	0.479	-0.259	-0.344	-0.371	0.189	-0.366	0.396	0.319	0.140	0.336
OTU 165	0.241	-0.328	-0.060	-0.051	-0.265	-0.078	0.161	0.106	-0.269	-0.009
OTU 169	0.346	-0.404	-0.257	-0.402	0.160	-0.368	0.235	0.111	-0.011	-0.104
OTU 170	0.059	-0.189	-0.142	-0.431	0.280	-0.060	0.513	0.062	0.185	0.055
OTU 172	-0.289	0.553	0.349	0.486	-0.128	0.480	-0.407	-0.235	0.021	-0.191
OTU 173	-0.379	0.359	0.382	0.598	-0.432	0.376	-0.384	-0.013	-0.074	-0.052
OTU 174	-0.407	0.456	0.517	0.622	-0.303	0.376	-0.376	-0.070	-0.287	-0.350
OTU 175	-0.273	0.303	0.320	0.531	-0.430	0.115	-0.461	0.119	-0.080	-0.055
OTU 176	-0.317	0.428	0.302	0.394	0.128	0.263	-0.117	0.025	-0.171	-0.044
OTU 178	-0.103	0.014	-0.170	-0.259	0.043	-0.123	-0.010	0.139	0.057	0.016
OTU 179	0.232	-0.310	-0.197	-0.008	-0.189	-0.247	0.170	0.196	-0.072	0.001
OTU 180	0.174	-0.214	-0.422	-0.316	0.250	-0.244	0.116	0.292	0.151	0.322
OTU 184	0.247	-0.246	-0.173	-0.098	0.174	-0.170	0.259	0.248	0.090	-0.179
OTU 185	0.023	-0.125	-0.078	-0.157	-0.053	0.005	0.353	-0.408	-0.469	-0.227

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CONTINUATION OF

PAGE 8

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	-0.220	-0.226	-0.203	-0.275	-0.268	0.394	0.054	-0.272	-0.183
C J 190	-0.116	-0.220	-0.110	-0.307	0.118	-0.125	0.311	0.150	0.263	0.061
OTU 192	0.131	-0.251	-0.016	0.063	-0.239	-0.017	-0.060	-0.274	-0.335	-0.258
OTU 193	0.251	-0.150	-0.276	-0.368	0.276	-0.284	0.238	0.144	-0.004	0.173
OTU 195	0.255	-0.238	-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	0.160	-0.181	-0.270	-0.487	0.116	-0.361	-0.390	-0.070	-0.050	0.052
OTU 203	0.035	-0.102	-0.142	-0.315	-0.037	-0.022	0.412	-0.385	-0.255	-0.097
OTU 204	0.032	-0.021	-0.119	-0.214	0.330	-0.084	0.217	-0.113	-0.174	-0.253
OTU 205	-0.086	-0.197	-0.152	-0.262	-0.078	-0.150	0.364	-0.363	-0.373	-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	-0.187	0.110	-0.328	0.057	-0.207	-0.107	0.060
OTU 211	-0.319	0.158	0.109	0.139	0.020	0.043	-0.359	-0.346	0.029	0.033
OTU 214	-0.173	0.168	0.388	0.617	-0.325	0.301	-0.364	-0.116	-0.315	-0.582
OTU 215	-0.118	0.277	0.254	0.432	-0.289	0.207	-0.274	-0.200	-0.307	-0.382
OTU 217	-0.392	0.406	0.364	0.551	-0.414	0.156	-0.366	-0.383	-0.476	-0.826
OTU 219	-0.247	0.373	0.386	0.628	-0.293	0.473	-0.414	-0.122	-0.215	-0.285
OTU 222	0.408	-0.451	-0.487	-0.593	0.100	-0.536	0.321	0.190	0.100	0.286
OTU 223	0.826	-0.467	-0.823	-0.942	0.003	-0.856	0.329	0.192	0.137	0.157
OTU 224	0.379	-0.565	-0.444	-0.377	0.128	-0.454	0.321	0.094	0.084	0.037
OTU 226	0.297	-0.308	-0.430	-0.641	0.232	-0.444	0.236	-0.097	0.289	0.217
OTU 228	-0.295	-0.113	-0.195	-0.177	-0.079	-0.062	-0.035	-0.007	0.387	0.485
OTU 232	-0.058	-0.194	-0.281	-0.462	-0.063	-0.307	0.121	-0.143	-0.050	0.313
OTU 233	0.302	-0.490	-0.827	-0.965	0.026	-0.440	0.347	0.054	0.255	0.307
OTU 237	0.131	-0.331	-0.329	-0.433	0.038	-0.299	0.390	0.180	0.166	0.290
OTU 238	0.120	-0.505	-0.418	-0.502	0.047	-0.452	0.145	0.067	0.054	0.134
OTU 240	0.206	-0.227	-0.310	-0.378	0.013	-0.292	0.175	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 245	0.239	-0.409	-0.421	-0.405	0.064	-0.145	0.105	0.115	0.370	0.302
OTU 250	0.296	-0.361	-0.367	-0.383	-0.097	-0.462	0.087	-0.035	0.135	0.393
OTU 253	0.390	-0.056	-0.430	-0.462	-0.015	-0.491	0.110	-0.118	0.098	0.051
OTU 255	-0.072	-0.052	-0.081	-0.082	-0.244	-0.103	-0.130	0.028	0.136	0.395
OTU 257	0.247	-0.250	-0.176	-0.078	-0.114	-0.260	0.017	-0.156	-0.012	0.163
OTU 258	0.052	-0.274	-0.236	-0.364	-0.155	-0.295	-0.031	0.118	0.295	0.165
OTU 261	-0.002	-0.119	-0.095	-0.174	-0.166	0.036	-0.094	0.076	0.321	0.385
OTU 263	-0.279	-0.120	-0.168	-0.191	-0.025	-0.025	-0.048	0.004	0.311	0.362
OTU 265	0.463	-0.427	-0.405	-0.555	-0.142	-0.477	0.037	-0.051	0.202	0.181
OTU 267	0.100	-0.395	-0.440	-0.452	-0.092	-0.351	0.169	0.014	0.081	0.267
OTU 269	0.272	-0.437	-0.500	-0.636	-0.099	-0.494	0.217	0.001	0.162	0.360
OTU 271	0.125	-0.391	-0.351	-0.405	-0.198	-0.163	0.102	-0.352	-0.193	-0.602
OTU 274	0.015	-0.338	-0.257	-0.369	-0.275	-0.230	-0.003	-0.291	-0.047	-0.204
OTU 275	0.158	-0.386	-0.516	-0.350	-0.156	-0.332	0.180	-0.198	0.019	0.078
OTU 277	0.197	-0.507	-0.467	-0.467	-0.126	-0.302	0.418	0.011	-0.005	0.036
OTU 279	0.167	-0.272	-0.258	-0.357	0.131	0.131	0.082	-0.118	0.158	0.099
OTU 284	0.386	-0.516	-0.426	-0.332	-0.086	-0.294	0.219	0.215	-0.105	-0.099
OTU 285	0.227	-0.501	-0.313	-0.335	-0.271	-0.419	0.389	0.234	-0.079	0.100
OTU 287	0.058	-0.132	-0.229	-0.084	-0.097	-0.334	-0.221	0.001	0.227	0.310
OTU 290	-0.139	-0.428	-0.275	-0.210	-0.092	-0.092	0.078	0.192	0.137	0.036
OTU 293	-0.020	-0.125	-0.143	-0.217	-0.063	0.021	0.040	0.107	-0.173	-0.118
OTU 294	-0.061	-0.032	-0.234	-0.364	0.290	-0.190	0.063	-0.072	0.336	0.425

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CONTINUATION OF

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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	0.278	0.336	-0.462	0.198	-0.248	-0.373	-0.570	-0.768
OTU 300	-0.402	0.192	0.263	0.346	-0.143	0.472	-0.322	-0.438	-0.290	-0.504
OTU 302	-0.376	0.447	0.432	0.651	-0.328	0.399	-0.456	-0.330	-0.478	-0.614
OTU 303	-0.168	0.195	0.333	0.592	-0.417	0.171	-0.592	-0.267	-0.513	-0.504
OTU 304	-0.237	0.411	0.237	0.502	-0.231	0.048	-0.541	0.019	-0.075	0.074
OTU 307	-0.206	0.117	0.233	0.549	-0.256	0.277	-0.296	0.009	-0.429	-0.538
OTU 309	-0.230	0.199	0.203	0.441	-0.295	0.240	-0.319	-0.201	-0.506	-0.534
OTU 312	-0.451	0.201	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	0.115	-0.610	-0.424	-0.388	-0.508
OTU 317	-0.320	0.391	0.278	0.465	-0.107	0.158	-0.545	-0.235	-0.093	-0.107
OTU 321	-0.473	0.164	0.201	0.292	0.096	0.509	-0.046	-0.451	-0.278	-0.523
OTU 325	-0.294	0.256	0.260	0.608	-0.370	0.070	-0.474	-0.165	-0.420	-0.360
OTU 326	-0.440	0.224	0.232	0.277	-0.089	0.194	-0.722	-0.247	-0.221	-0.274
OTU 329	-0.417	0.278	0.426	0.682	-0.232	0.284	-0.219	0.001	-0.362	-0.521
OTU 331	-0.291	0.405	0.328	0.278	-0.389	0.239	-0.366	-0.583	-0.566	-0.446
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	-0.672	-0.469
OTU 338	-0.160	0.131	0.113	0.589	-0.504	0.117	-0.384	-0.021	-0.400	-0.289

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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 111	1.000									
OTU 113	0.390	1.000								
OTU 117	0.348	0.510	1.000							
OTU 118	0.074	0.352	0.452	1.000						
OTU 120	-0.215	-0.316	-0.135	-0.471	1.000					
OTU 121	-0.109	-0.122	-0.068	-0.336	0.802	1.000				
OTU 123	-0.167	-0.169	-0.019	-0.387	0.660	0.695	1.000			
OTU 124	-0.225	-0.203	-0.232	-0.372	0.737	0.767	0.663	1.000		
OTU 126	-0.390	-0.229	-0.489	-0.313	0.395	0.385	0.291	0.960	1.000	
OTU 128	-0.002	0.002	0.128	0.442	-0.269	-0.199	0.386	-0.350	0.116	1.000
OTU 131	0.302	0.499	0.508	0.551	-0.236	-0.268	-0.205	-0.249	-0.340	0.363
OTU 133	0.077	0.103	0.156	0.337	-0.137	0.091	0.197	0.180	0.206	0.402
OTU 134	0.252	0.433	0.252	0.505	-0.463	-0.300	-0.294	-0.292	-0.416	0.457
OTU 137	0.043	0.492	0.595	0.441	-0.133	-0.201	-0.168	-0.128	-0.231	0.139
OTU 139	0.161	0.311	0.107	0.358	0.485	-0.298	-0.364	-0.419	-0.311	0.291
OTU 141	0.108	0.023	0.297	0.447	-0.315	-0.266	-0.161	-0.438	-0.287	0.166
OTU 142	-0.183	-0.036	0.030	-0.075	0.043	-0.112	-0.180	-0.188	-0.010	0.184
OTU 144	0.333	0.179	0.169	0.180	-0.201	-0.341	-0.277	-0.204	-0.183	0.432
OTU 146	0.159	0.339	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 150	-0.066	-0.091	0.297	-0.008	-0.106	-0.167	-0.191	-0.250	-0.202	-0.321
OTU 154	-0.187	-0.116	-0.279	0.231	-0.152	-0.040	0.084	0.036	0.186	0.634
OTU 156	0.224	0.188	0.012	0.339	-0.096	-0.254	-0.446	-0.214	-0.254	0.388
OTU 157	-0.037	0.107	0.041	0.357	-0.240	-0.251	-0.232	-0.105	-0.078	0.066
OTU 160	-0.154	0.042	0.059	0.532	-0.288	-0.191	-0.344	-0.226	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	-0.450	-0.466	-0.311	0.127
OTU 166	-0.231	-0.333	-0.342	0.197	-0.205	-0.213	-0.380	-0.106	0.071	0.264
OTU 169	0.036	0.183	-0.037	0.441	-0.226	-0.227	-0.436	-0.436	-0.021	0.603
OTU 170	0.195	0.083	0.169	0.354	-0.317	-0.276	-0.196	-0.222	-0.244	0.612
OTU 172	-0.179	-0.180	-0.019	-0.179	0.499	0.634	0.395	0.572	0.103	-0.385
OTU 173	-0.211	-0.303	-0.223	-0.208	0.537	0.458	0.269	0.438	0.225	-0.459
OTU 174	-0.313	-0.460	-0.287	-0.091	0.283	0.513	0.341	0.477	0.464	-0.121
OTU 175	-0.284	-0.464	-0.340	-0.283	0.409	0.284	0.457	0.511	0.436	-0.028
OTU 176	0.065	-0.016	0.061	-0.163	0.378	0.354	0.354	0.454	0.443	0.015
OTU 178	0.486	0.291	0.162	0.021	-0.093	-0.093	-0.124	-0.316	-0.187	-0.116
OTU 179	-0.324	-0.167	-0.200	0.228	-0.237	-0.371	-0.368	-0.249	-0.021	-0.034
OTU 180	0.215	0.145	0.610	0.220	-0.194	-0.083	0.028	-0.263	-0.359	-0.002
OTU 184	-0.159	0.036	-0.161	0.115	-0.293	-0.353	-0.038	-0.034	0.370	0.488
OTU 185	0.276	0.002	0.404	-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	-0.162	-0.054	-0.189	-0.136	0.239
OTU 190	0.204	-0.105	0.030	0.351	-0.236	-0.245	-0.200	-0.181	-0.154	0.546
OTU 192	-0.193	-0.156	-0.430	-0.030	-0.064	-0.067	-0.380	-0.070	0.097	-0.167
OTU 193	0.273	0.213	0.025	0.182	-0.314	-0.234	-0.212	-0.257	-0.165	0.455
OTU 195	0.248	0.256	0.193	0.206	-0.337	-0.114	0.033	-0.166	-0.032	0.338
OTU 198	0.490	0.578	0.498	0.074	-0.285	-0.158	0.069	-0.123	-0.271	0.205
OTU 201	0.075	0.185	0.122	0.208	-0.471	-0.402	-0.126	-0.335	-0.190	0.411
OTU 203	0.243	0.015	0.819	-0.059	-0.264	-0.109	-0.164	-0.128	-0.141	0.250
OTU 204	0.173	0.464	0.166	0.129	-0.242	-0.049	0.160	-0.028	0.222	0.420
OTU 205	0.166	0.032	-0.014	-0.082	-0.275	-0.132	-0.106	-0.306	-0.300	0.029

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CONTINUATION OF
COMPUTE CORRELATIONS

PAGE 11

	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
OTU 207	0.263	0.171	0.170	0.186	-0.315	-0.232	-0.152	-0.218	-0.307	0.171
OTU 208	0.051	0.016	0.006	-0.166	-0.292	-0.152	-0.106	-0.196	-0.052	0.022
OTU 211	0.239	-0.086	0.046	-0.177	0.198	-0.166	0.171	0.109	-0.234	-0.247
OTU 214	-0.209	-0.340	-0.419	-0.217	0.325	0.176	0.568	0.428	0.545	0.046
OTU 215	-0.064	-0.325	-0.296	-0.402	0.195	0.241	0.412	0.327	0.410	0.112
OTU 217	-0.274	-0.367	-0.397	-0.523	0.432	0.434	0.294	0.478	0.405	-0.408
OTU 219	-0.314	-0.328	-0.334	-0.325	0.455	0.431	0.469	0.629	0.579	-0.317
OTU 222	0.299	0.063	0.345	0.452	-0.609	-0.435	-0.498	-0.568	-0.493	0.330
OTU 23	0.120	0.162	0.161	0.156	-0.255	-0.436	-0.453	-0.480	-0.412	0.337
OTU 24	0.059	0.191	-0.040	0.367	-0.606	-0.525	-0.426	-0.353	-0.064	0.440
OTU 25	0.337	0.441	0.381	0.286	-0.441	-0.406	-0.412	-0.383	-0.257	0.044
OTU 28	0.204	-0.169	0.079	0.041	0.025	-0.188	-0.207	-0.152	-0.353	-0.236
OTU 32	0.252	0.162	0.021	-0.122	-0.275	-0.346	-0.269	-0.239	-0.397	-0.011
OTU 33	0.098	0.077	0.023	0.465	-0.032	-0.528	-0.550	-0.401	-0.345	0.117
OTU 37	0.101	0.026	0.066	0.297	-0.306	-0.420	-0.192	-0.395	-0.234	0.132
OTU 38	0.215	0.142	-0.065	0.038	0.423	-0.461	-0.402	-0.445	-0.187	0.178
OTU 40	0.370	-0.069	0.100	-0.075	-0.342	-0.413	-0.136	-0.356	-0.432	0.166
OTU 42	0.269	0.051	0.130	-0.057	-0.224	-0.269	-0.239	-0.231	-0.246	-0.231
OTU 45	0.250	0.229	0.304	0.453	-0.395	-0.341	-0.538	-0.458	-0.516	0.004
OTU 46	0.157	-0.061	-0.019	0.129	-0.475	-0.341	-0.653	-0.626	-0.512	0.061
OTU 48	0.234	0.072	0.046	0.120	-0.232	-0.458	-0.623	-0.654	-0.577	-0.173
OTU 50	0.050	-0.385	-0.103	0.129	0.057	-0.192	-0.279	0.101	-0.297	-0.237
OTU 52	0.026	-0.252	-0.171	0.146	-0.239	0.272	-0.495	-0.272	-0.161	-0.204
OTU 54	0.065	-0.042	-0.001	0.177	-0.263	-0.300	-0.259	-0.207	-0.265	-0.025
OTU 211	0.070	-0.124	0.015	0.188	0.013	-0.083	0.254	0.034	0.328	-0.309
OTU 58	0.113	0.037	0.012	-0.421	-0.006	-0.169	-0.121	-0.030	-0.226	0.128
OTU 59	0.176	0.099	0.084	0.238	-0.539	-0.431	-0.669	-0.481	-0.600	-0.102
OTU 207	0.200	0.088	0.069	0.093	-0.384	-0.441	-0.413	-0.446	-0.404	-0.093
OTU 219	0.164	0.170	0.135	0.338	-0.371	-0.321	-0.419	-0.408	-0.456	-0.058
OTU 271	-0.015	0.146	-0.293	0.053	-0.563	-0.472	-0.629	-0.428	-0.166	-0.057
OTU 271	-0.029	0.121	-0.239	-0.008	-0.483	-0.311	-0.239	-0.168	-0.152	-0.046
OTU 273	-0.005	-0.131	-0.223	0.003	-0.483	-0.421	-0.358	-0.461	-0.233	-0.071
OTU 277	-0.005	0.020	-0.059	0.137	-0.452	-0.415	-0.657	-0.346	-0.311	0.143
OTU 277	-0.172	0.032	-0.046	0.044	-0.349	-0.495	-0.432	-0.246	-0.076	0.103
OTU 281	0.069	0.191	-0.018	0.007	-0.361	-0.305	-0.211	-0.332	-0.076	0.227
OTU 281	-0.128	-0.055	-0.183	0.165	-0.487	-0.492	-0.483	-0.437	-0.176	0.317
OTU 281	0.062	-0.141	-0.021	0.047	-0.116	-0.359	-0.432	-0.190	-0.191	-0.242
OTU 287	0.187	0.135	-0.101	0.076	-0.277	-0.193	-0.269	-0.099	-0.083	0.101
OTU 288	0.027	-0.187	-0.127	-0.068	-0.093	-0.238	0.121	-0.092	0.081	0.327
OTU 294	0.268	0.235	0.050	0.001	-0.188	-0.409	-0.329	-0.150	-0.128	-0.029
OTU 296	-0.458	-0.369	-0.589	-0.364	0.201	0.166	0.225	0.055	0.430	-0.075
OTU 300	0.018	-0.154	-0.263	-0.362	0.475	0.410	0.383	0.327	0.279	-0.303
OTU 312	-0.230	-0.068	-0.333	-0.565	0.469	0.455	0.467	0.328	0.328	-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 334	-0.265	-0.327	-0.123	-0.471	-0.463	0.253	0.282	0.215	0.090	-0.628
OTU 337	-0.352	-0.203	-0.368	-0.389	0.354	0.254	0.269	0.354	0.506	-0.238
OTU 309	-0.192	-0.292	-0.199	-0.306	0.343	0.298	0.282	0.323	0.339	-0.260
OTU 312	-0.009	-0.216	-0.155	-0.330	0.479	0.533	0.548	0.354	0.405	-0.215
OTU 35	-0.018	-0.215	-0.347	-0.347	0.401	0.331	0.255	0.338	0.413	-0.116
OTU 37	-0.012	-0.166	-0.147	-0.363	0.476	0.218	0.185	0.316	0.210	-0.202

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CONTINUATION OF

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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 123	0.156	-0.094	-0.017	-0.439	0.424	0.332	0.457	0.331	0.196	-0.197
OTU 125	-0.242	-0.412	-0.361	-0.586	0.367	0.217	0.280	0.224	0.348	-0.470
OTU 126	0.135	0.001	-0.234	-0.378	0.220	0.235	0.368	0.233	0.339	-0.062
OTU 129	-0.289	-0.332	-0.348	-0.357	0.408	0.316	0.550	0.404	0.480	-0.132
OTU 131	-0.290	-0.436	-0.394	-0.475	0.310	0.335	0.440	0.317	0.494	-0.227
OTU 134	-0.216	-0.353	-0.487	-0.419	0.439	0.482	0.404	0.371	0.555	-0.274
OTU 135	-0.342	-0.425	-0.624	-0.433	0.258	0.221	0.237	0.167	0.517	-0.389
OTU 136	-0.243	-0.574	-0.544	-0.232	0.275	0.191	0.038	0.124	0.408	-0.333

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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	0.180	0.268	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	-0.105	-0.205	0.085	0.131	0.269	-0.180	1.000			
OTU 144	0.462	0.068	0.502	0.283	0.413	0.146	0.033	1.000		
OTU 146	0.276	-0.212	-0.271	0.305	-0.332	-0.083	0.122	-0.014	1.000	
OTU 148	0.296	0.224	0.350	0.006	0.320	-0.064	0.237	0.408	-0.050	1.000
OTU 150	-0.233	-0.297	-0.268	-0.016	-0.108	0.118	0.230	-0.107	0.223	-0.142
OTU 154	-0.014	0.241	0.432	-0.021	0.405	-0.161	0.235	0.291	-0.264	0.627
OTU 156	0.300	0.027	0.361	0.090	0.522	0.088	0.299	0.397	-0.346	0.264
OTU 157	-0.094	0.133	0.231	0.341	-0.067	-0.027	0.033	0.291	0.091	-0.038
OTU 160	0.243	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	0.178	-0.113	0.293	0.179	-0.024	0.199
OTU 163	0.098	-0.081	0.237	0.242	0.593	0.434	0.164	0.153	-0.365	-0.046
OTU 168	-0.280	0.017	0.154	0.044	0.318	0.070	0.394	0.145	-0.458	0.102
OTU 169	0.332	0.135	0.519	0.122	0.574	0.271	0.128	0.242	-0.310	0.344
OTU 170	0.467	0.049	0.403	0.143	0.430	0.219	0.090	0.361	-0.276	0.283
OTU 172	-0.280	0.143	-0.226	-0.300	-0.361	-0.324	-0.229	-0.399	-0.191	-0.356
OTU 173	-0.500	-0.069	-0.529	-0.257	-0.516	-0.160	-0.170	-0.528	-0.095	-0.477
OTU 174	-0.293	0.122	-0.333	-0.384	-0.330	-0.240	-0.112	-0.513	-0.297	-0.193
OTU 175	-0.356	0.182	-0.168	-0.324	-0.361	-0.082	-0.141	-0.306	-0.080	-0.210
OTU 176	0.006	0.204	-0.372	-0.118	-0.373	-0.413	-0.193	-0.268	0.103	0.156
OTU 178	0.289	-0.062	0.019	0.164	0.254	0.098	-0.085	0.005	0.238	-0.132
OTU 179	-0.221	-0.113	-0.098	0.089	0.158	0.046	0.168	-0.271	-0.283	0.266
OTU 180	0.129	-0.113	-0.049	0.000	-0.066	0.354	-0.017	0.117	0.443	-0.028
OTU 184	0.024	0.291	-0.018	0.179	0.003	-0.179	0.063	0.087	-0.033	0.414
OTU 185	-0.062	-0.278	0.008	-0.161	0.242	0.015	0.148	0.065	0.112	0.295
OTU 188	0.091	0.167	0.214	0.044	0.407	0.295	-0.003	0.021	-0.394	0.268
OTU 190	0.401	0.257	0.240	0.065	0.156	-0.077	0.233	0.390	-0.141	0.300
OTU 192	-0.217	-0.252	-0.037	-0.217	0.122	0.011	0.667	-0.180	-0.302	-0.028
OTU 193	0.433	-0.074	0.240	0.095	0.351	0.296	0.099	0.356	-0.105	0.399
OTU 195	0.078	0.365	0.178	0.132	0.339	0.244	-0.252	0.174	-0.162	0.261
OTU 198	0.400	0.277	0.368	0.273	0.268	-0.057	-0.071	0.457	0.232	0.461
OTU 201	0.440	0.100	0.335	0.162	0.457	0.261	-0.222	0.309	-0.178	0.222
OTU 203	0.112	-0.003	0.35	-0.301	0.318	0.087	0.091	0.165	-0.238	0.196
OTU 204	0.367	0.335	0.297	-0.054	0.199	-0.063	0.027	0.015	0.027	0.541
OTU 205	0.188	-0.110	0.050	-0.068	0.359	0.177	-0.107	0.192	-0.021	0.212
OTU 207	0.407	0.009	0.357	-0.121	0.390	0.233	0.328	0.452	0.366	0.068
OTU 208	0.218	-0.123	-0.150	-0.185	-0.022	-0.093	-0.242	0.188	-0.031	0.091
OTU 211	-0.022	-0.291	-0.050	-0.164	-0.291	-0.033	-0.202	-0.015	0.135	0.015
OTU 214	-0.304	0.213	-0.199	-0.311	-0.366	-0.015	-0.311	-0.435	-0.208	0.133
OTU 215	-0.423	0.157	-0.210	-0.679	-0.327	-0.200	-0.126	-0.336	-0.271	0.128
OTU 217	-0.439	-0.080	-0.545	-0.528	-0.328	-0.513	-0.189	0.165	-0.015	0.000
OTU 219	-0.505	0.192	-0.549	-0.289	-0.694	-0.188	-0.368	-0.528	0.029	-0.130
OTU 222	0.362	0.185	0.522	0.158	0.578	0.316	-0.050	0.418	-0.220	0.106
OTU 223	0.206	0.120	0.418	0.114	0.581	0.176	0.002	0.284	-0.367	0.149
OTU 224	0.245	0.096	0.215	0.013	0.239	0.124	-0.104	0.190	-0.231	0.123

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IDENTIFICATION:

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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 150	1.000									
OTU 154	-0.313	1.000								
OTU 156	-0.190	0.236	1.000							
OTU 157	-0.001	0.218	0.187	1.000						
OTU 160	-0.291	0.298	0.524	0.116	1.000					
OTU 161	-0.184	0.258	0.416	0.273	0.625	1.000				
OTU 163	0.162	-0.027	0.300	-0.096	0.443	0.456	1.000			
OTU 168	0.046	0.431	0.409	0.389	0.384	0.354	0.380	1.000		
OTU 169	-0.364	0.137	0.493	0.175	0.678	0.538	0.416	0.285	1.000	
OTU 170	-0.298	0.393	0.483	0.708	0.324	0.481	0.483	0.237	0.507	1.000
OTU 172	0.141	-0.139	-0.165	-0.082	-0.085	-0.244	-0.319	-0.192	-0.397	-0.343
OTU 173	0.280	-0.182	-0.295	0.004	-0.182	-0.303	-0.232	-0.040	-0.501	-0.446
OTU 174	-0.191	0.021	-0.161	-0.047	0.140	-0.118	-0.354	-0.065	-0.087	-0.254
OTU 175	-0.288	0.122	-0.430	0.014	-0.191	-0.288	0.385	-0.175	-0.155	-0.269
OTU 176	-0.123	-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	-0.241	-0.036	0.135	0.295	-0.318	0.079	0.220
OTU 179	0.207	0.108	0.126	0.600	0.271	0.348	0.518	0.569	0.213	0.194
OTU 180	0.354	-0.270	-0.199	-0.108	-0.147	-0.217	0.143	-0.278	-0.192	-0.116
OTU 184	-0.173	0.389	-0.049	0.293	0.086	0.463	0.066	0.288	0.250	0.154
OTU 185	0.068	-0.152	0.399	-0.334	-0.109	-0.267	0.174	0.057	-0.066	0.198
OTU 188	-0.149	0.054	0.413	-0.234	0.399	0.037	0.347	0.045	0.274	0.218
OTU 190	-0.264	0.094	0.326	0.256	0.238	0.481	0.122	0.235	0.114	0.630
OTU 192	-0.226	-0.105	0.332	0.118	0.202	-0.070	0.121	0.503	0.221	-0.101
OTU 193	-0.216	-0.025	0.313	-0.256	0.341	0.229	0.441	-0.027	0.470	0.526
OTU 195	-0.115	0.187	0.008	-0.082	0.262	-0.013	0.069	-0.087	0.276	0.026
OTU 198	-0.024	-0.032	0.137	0.018	-0.078	0.145	0.026	-0.347	0.069	0.021
OTU 201	-0.322	0.148	0.181	-0.204	0.242	0.186	0.368	-0.147	0.177	0.549
OTU 203	-0.137	0.060	0.469	-0.405	0.037	-0.008	0.179	-0.032	0.109	0.354
OTU 204	0.317	0.190	0.164	-0.132	0.217	0.195	-0.079	-0.290	0.363	0.234
OTU 205	-0.060	-0.030	-0.003	-0.450	-0.065	-0.153	0.173	-0.181	0.102	0.267
OTU 207	-0.279	-0.094	0.328	-0.139	0.284	0.166	0.371	-0.128	0.315	0.406
OTU 208	0.042	-0.214	-0.046	-0.168	-0.112	0.086	0.179	-0.194	0.025	0.141
OTU 211	0.112	0.304	-0.218	0.163	-0.306	-0.428	-0.195	-0.021	-0.349	-0.173
OTU 214	-0.284	0.173	-0.300	-0.065	-0.069	-0.496	-0.402	-0.039	-0.065	-0.302
OTU 215	-0.083	0.065	-0.134	-0.383	-0.187	-0.322	-0.379	-0.159	-0.140	-0.182
OTU 217	-0.008	-0.180	0.201	-0.279	-0.231	-0.409	-0.603	-0.263	-0.432	-0.543
OTU 219	0.024	-0.104	0.427	-0.006	-0.271	-0.379	-0.582	-0.155	-0.501	-0.534
OTU 222	0.056	0.192	0.270	-0.027	0.264	0.311	0.328	0.062	0.451	0.834
OTU 223	-0.093	0.218	0.446	0.028	0.662	0.447	0.602	0.234	0.511	0.502
OTU 224	-0.087	0.205	0.371	0.207	0.285	0.454	0.338	0.186	0.516	0.395
OTU 226	-0.089	0.281	0.255	-0.035	-0.011	0.090	0.381	0.212	0.192	0.288
OTU 228	0.140	-0.223	0.037	0.240	-0.234	-0.092	-0.012	0.012	-0.391	0.148
OTU 232	-0.116	-0.076	0.109	-0.115	-0.246	-0.106	0.107	-0.173	-0.072	0.243
OTU 233	-0.163	0.187	0.354	0.307	0.152	0.355	0.440	0.311	0.599	0.543
OTU 237	-0.088	0.184	0.336	-0.039	0.156	0.435	0.376	0.145	0.404	0.243
OTU 238	-0.280	0.094	0.306	0.224	0.146	0.223	0.092	0.148	-0.333	0.171
OTU 240	0.055	0.011	0.072	-0.090	-0.256	-0.122	0.120	-0.117	-0.022	0.220
OTU 242	0.226	-0.262	0.041	0.268	-0.118	0.046	0.128	0.049	-0.172	-0.087
OTU 245	0.081	-0.202	0.273	0.145	0.385	0.191	0.146	0.074	0.353	0.269
OTU 250	0.257	-0.254	0.279	-0.202	0.139	0.095	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	0.039	0.105	0.486	0.145	0.174	0.201
OTU 255	0.364	-0.299	-0.031	0.048	-0.223	-0.218	0.165	0.269	-0.295	0.007
OTU 257	0.289	-0.254	0.055	0.023	0.044	-0.016	0.264	0.264	0.005	-0.182
OTU 258	-0.043	0.031	0.092	0.287	0.154	5.140	0.266	0.109	0.125	0.134
OTU 261	0.161	-0.159	0.089	0.318	-0.004	-0.019	0.175	0.273	-0.256	0.006
OTU 263	0.117	-0.138	-0.004	0.469	-0.276	-0.028	-0.044	0.023	-0.236	0.016
OTU 265	0.182	-0.039	0.269	0.007	0.094	0.072	0.306	0.133	0.156	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	-0.004	0.242	0.255
OTU 271	0.025	0.246	0.390	0.122	0.120	0.120	0.063	0.145	0.320	0.057
OTU 274	-0.013	0.235	0.193	0.287	0.059	-0.047	-0.252	0.078	0.135	-0.036
OTU 275	0.172	0.025	0.005	-0.184	-0.050	-0.115	0.192	0.018	0.161	0.084
OTU 277	0.020	0.136	0.574	0.296	0.366	0.342	0.353	0.489	0.395	0.360
OTU 279	0.049	-0.055	0.009	0.342	-0.095	0.181	-0.013	0.203	0.191	-0.007
OTU 284	0.061	0.236	0.113	0.114	0.132	0.026	0.007	0.308	0.208	-0.100
OTU 285	-0.024	0.262	0.338	0.108	0.340	0.335	0.021	0.530	0.440	0.503
OTU 287	0.466	-0.148	0.059	0.319	-0.162	0.020	0.047	0.185	-0.096	-0.271
OTU 290	-0.012	0.194	0.254	0.626	-0.069	0.121	-0.109	0.326	0.082	0.146
OTU 293	-0.129	0.405	-0.026	0.276	-0.074	0.023	-0.024	0.230	0.054	0.264
OTU 294	-0.028	-0.129	-0.019	0.123	-0.197	0.121	-0.008	-0.151	-0.031	0.161
OTU 299	-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	-0.164	-0.044	-0.289	0.180	-0.763	0.300	-0.303	-0.336
OTU 302	0.178	-0.266	-0.336	-0.360	-0.324	-0.511	-0.453	-0.251	-0.524	-0.573
OTU 303	-0.062	-0.001	-0.303	0.004	-0.151	-0.396	-0.423	0.099	-0.141	-0.220
OTU 304	0.384	-0.184	-0.635	-0.135	-0.596	-0.400	-0.211	-0.240	-0.626	-0.679
OTU 307	0.005	0.053	-0.487	0.036	-0.274	-0.491	-0.519	-0.147	-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	-0.454	-0.072	-0.321	-0.330	-0.291	-0.376	-0.382	-0.420
OTU 315	-0.225	0.080	-0.208	0.014	-0.170	-0.217	-0.387	0.073	-0.120	-0.359
OTU 317	0.251	-0.183	-0.501	0.071	-0.503	-0.320	-0.243	-0.246	-0.459	-0.581
OTU 323	0.910	-0.136	-0.121	-0.159	-0.371	0.299	-0.658	-0.235	-0.421	-0.298
OTU 325	0.266	-0.295	-0.491	-0.133	-0.440	-0.468	-0.615	-0.088	-0.476	-0.669
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	-0.179	-0.349	-0.031	-0.307	-0.301
OTU 331	-0.050	0.041	-0.270	-0.168	-0.177	-0.278	-0.616	-0.062	-0.216	-0.424
OTU 334	-0.085	0.013	-0.328	-0.079	-0.108	-0.426	-0.508	-0.031	-0.275	-0.532
OTU 335	0.036	0.153	0.275	-0.148	-0.140	-0.220	-0.223	0.133	-0.007	-0.504
OTU 338	0.071	-0.069	-0.228	-0.032	0.041	-0.102	-0.014	0.265	-0.117	-0.312

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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	0.524	1.000						
OTU 176	0.139	0.159	0.403	0.271	1.000					
OTU 178	-0.353	-0.253	-0.165	0.016	0.162	1.000				
OTU 179	-0.108	0.148	-0.049	-0.202	-0.034	0.006	1.000			
OTU 180	-0.172	-0.164	-0.367	-0.185	-0.034	0.101	-0.142	1.000		
OTU 184	-0.469	-0.414	-0.210	-0.028	0.187	-0.083	0.480	-0.096	1.000	
OTU 185	-0.081	-0.280	-0.212	-0.549	-0.111	-0.042	-0.047	0.126	-0.218	1.000
OTU 188	-0.199	-0.253	-0.072	-0.103	-0.209	-0.047	-0.058	0.062	0.005	0.510
OTU 190	-0.260	-0.271	-0.017	0.060	-0.006	0.071	0.011	-0.184	0.267	-0.005
OTU 192	-0.058	-0.004	0.166	-0.123	-0.128	-0.246	0.407	-0.309	-0.058	0.286
OTU 193	-0.512	-0.611	-0.295	-0.217	0.067	0.392	-0.033	0.170	0.113	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	-0.249	0.200	0.212	-0.379	0.348	0.145	0.051
OTU 201	-0.435	-0.503	-0.286	-0.148	-0.092	0.403	0.016	0.016	0.214	0.156
OTU 203	-0.134	-0.236	-0.144	-0.297	-0.054	0.050	-0.195	-0.038	-0.185	0.555
OTU 204	-0.170	-0.495	-0.086	-0.090	0.223	0.065	-0.300	-0.006	0.193	0.183
OTU 209	-0.255	-0.302	-0.152	-0.322	-0.152	0.267	-0.125	0.071	-0.099	0.569
OTU 207	-0.095	-0.293	-0.085	-0.119	0.002	0.305	-0.039	-0.176	-0.145	0.026
OTU 208	-0.275	-0.205	-0.242	-0.084	0.153	0.278	0.137	0.062	0.184	0.069
OTU 211	0.010	0.030	0.021	0.068	0.258	0.018	0.095	-0.075	-0.094	0.021
OTU 214	0.267	0.258	0.520	0.516	0.227	-0.317	-0.123	-0.154	0.080	-0.017
OTU 219	0.274	0.167	0.337	0.518	0.737	-0.384	-0.298	-0.153	-0.028	0.162
OTU 217	0.591	0.577	0.595	0.319	0.390	-0.275	-0.217	-0.283	-0.223	0.154
OTU 218	0.535	0.682	0.444	0.422	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	0.080	0.010
OTU 223	-0.334	-0.441	-0.281	-0.283	-0.284	0.201	0.249	-0.008	0.191	0.055
OTU 224	-0.379	-0.332	-0.191	-0.096	-0.050	0.272	0.031	0.031	0.014	0.014
OTU 226	-0.293	-0.398	-0.470	-0.256	-0.132	0.342	-0.044	0.210	-0.137	0.058
OTU 228	-0.070	0.260	-0.192	-0.001	-0.042	0.238	0.166	0.059	-0.202	-0.188
OTU 232	-0.246	-0.282	-0.042	0.003	-0.203	0.408	-0.186	0.031	-0.105	0.139
OTU 233	-0.400	-0.305	-0.132	-0.173	-0.367	0.032	0.299	-0.024	0.094	0.035
OTU 237	-0.440	0.307	-0.331	-0.138	-0.209	0.298	0.298	-0.123	0.137	-0.116
OTU 239	-0.637	-0.541	-0.182	-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	-0.306	0.223	0.098	0.068
OTU 242	-0.269	-0.062	-0.025	-0.141	-0.087	0.151	0.038	0.064	-0.025	-0.211
OTU 245	-0.170	-0.161	-0.123	-0.309	-0.105	0.319	0.277	0.130	-0.201	0.061
OTU 250	-0.352	-0.287	-0.375	-0.329	-0.447	0.194	0.191	0.094	-0.089	0.105
OTU 251	-0.557	-0.286	-0.317	-0.407	-0.471	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	0.091	-0.131	0.001
OTU 257	-0.048	0.039	0.007	-0.351	-0.340	-0.036	0.276	0.027	-0.030	0.175
OTU 258	-0.228	0.033	-0.235	-0.119	-0.225	0.264	0.155	0.011	-0.019	-0.419
OTU 261	0.077	0.317	-0.189	-0.141	-0.317	0.086	0.247	0.067	-0.214	-0.130
OTU 263	-0.069	0.032	-0.289	-0.005	-0.023	0.183	0.228	0.045	-0.059	-0.204
OTU 265	-0.159	-0.151	-0.260	-0.295	-0.335	0.087	0.087	0.229	-0.270	0.074
OTU 267	-0.429	-0.227	-0.629	-0.308	-0.408	0.242	0.091	0.214	0.011	0.110
OTU 269	-0.360	-0.277	-0.296	-0.178	-0.349	0.184	-0.048	0.321	-0.192	0.183
OTU 271	-0.307	-0.280	-0.309	-0.488	-0.397	-0.030	0.176	-0.132	0.042	0.249

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CONTINUATION OF

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COMPUTE CORRELATIONS

	OTU 172	OTU 173	OTU 174	OTU 175	OTU 176	OTU 178	OTU 179	OTU 180	OTU 184	OTU 185
OTU 274	-0.016	-0.025	-0.285	-0.210	-0.486	-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	0.146	-0.005	0.084
OTU 277	-0.241	-0.138	-0.295	-0.418	-0.432	-0.095	0.443	-0.024	0.044	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	-0.540	-0.267	-0.255	-0.021	-0.031	0.226	0.311	0.089
OTU 285	-0.543	-0.324	-0.475	-0.143	-0.419	0.147	0.485	-0.100	0.234	0.044
OTU 287	-0.087	0.142	-0.109	-0.106	0.009	-0.016	0.274	0.056	0.020	-0.266
OTU 290	-0.109	-0.181	-0.264	-0.119	-0.023	-0.005	0.172	-0.111	0.272	-0.062
OTU 293	-0.129	-0.197	-0.280	0.217	-0.244	-0.024	0.007	0.011	0.396	-0.186
OTU 294	-0.447	-0.285	-0.499	-0.138	-0.070	0.307	-0.049	0.100	0.163	-0.134
OTU 299	0.103	0.202	0.444	0.333	0.034	-0.329	0.014	-0.419	0.068	0.009
OTU 300	0.334	0.311	0.413	0.248	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	0.194	-0.350	0.024	-0.339	-0.007	0.056
OTU 304	0.346	0.536	0.315	0.392	0.303	0.044	0.037	0.147	-0.194	-0.223
OTU 307	0.235	0.369	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	0.147
OTU 312	0.231	0.406	0.456	0.577	0.326	-0.050	-0.244	-0.092	-0.012	-0.282
OTU 315	0.306	0.274	0.303	0.323	0.241	0.040	0.099	-0.138	-0.044	-0.144
OTU 317	0.372	0.409	0.414	0.237	0.392	-0.067	-0.062	-0.074	-0.108	-0.166
OTU 323	0.275	0.172	0.214	-0.029	0.219	-0.247	-0.348	-0.111	-0.064	0.218
OTU 325	0.301	0.423	0.376	0.427	0.306	-0.283	-0.034	-0.061	-0.128	-0.042
OTU 328	0.052	-0.024	0.229	0.327	0.227	-0.098	-0.576	-0.272	0.039	0.069
OTU 329	0.369	0.394	0.492	0.519	0.420	-0.247	0.007	-0.259	0.148	-0.125
OTU 331	0.428	0.458	0.506	0.406	0.235	-0.401	-0.130	-0.217	-0.067	0.052
OTU 334	0.358	0.389	0.547	0.433	0.195	-0.242	-0.148	-0.268	-0.048	-0.019
OTU 335	0.298	0.429	0.433	0.445	0.009	-0.232	0.168	-0.294	-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

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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	0.257	0.317	0.086	1.000						
OTU 195	0.456	-0.173	-0.126	0.350	1.000					
OTU 198	0.156	0.026	-0.331	0.329	0.427	1.000				
OTU 201	0.442	0.218	-0.128	0.604	0.405	0.289	1.000			
OTU 203	0.321	0.133	0.065	0.225	0.059	0.134	0.321	1.000		
OTU 204	0.318	0.087	-0.195	0.403	0.112	0.081	0.459	0.414	1.000	
OTU 205	0.522	0.128	0.118	0.388	0.335	0.123	0.620	0.810	0.176	1.000
OTU 207	0.352	0.063	0.035	0.425	0.262	0.383	0.609	0.372	0.321	0.305
OTU 208	0.066	-0.024	-0.107	0.418	0.104	0.403	0.518	0.173	0.830	0.256
OTU 211	-0.232	-0.157	0.151	-0.096	-0.045	0.176	-0.085	-0.082	-0.139	-0.062
OTU 214	-0.157	-0.227	0.220	-0.182	0.292	-0.295	-0.143	-0.163	0.165	-0.186
OTU 215	-0.115	-0.135	-0.024	-0.114	0.081	-0.067	-0.166	0.377	0.308	-0.120
OTU 217	-0.046	-0.307	0.146	-0.263	-0.048	-0.285	-0.346	0.056	-0.037	0.004
OTU 219	-0.236	-0.403	0.001	-0.366	-0.182	-0.315	-0.441	-0.205	-0.118	-0.127
OTU 222	-0.248	-0.237	-0.027	-0.484	0.355	0.301	0.535	0.089	0.080	0.377
OTU 223	-0.136	0.319	0.121	0.452	0.204	0.201	0.532	0.089	0.089	0.324
OTU 224	-0.182	-0.260	-0.078	0.187	0.205	0.162	0.326	0.157	0.158	0.048
OTU 226	0.036	0.111	0.009	0.324	-0.052	0.423	0.480	0.328	0.152	0.212
OTU 228	-0.425	0.193	-0.118	-0.070	-0.510	-0.127	-0.073	-0.003	-0.405	-0.147
OTU 232	-0.036	0.092	-0.167	0.241	-0.064	0.228	0.390	0.329	0.058	0.238
OTU 233	0.145	0.409	0.159	0.244	0.039	0.049	0.394	0.171	-0.050	0.062
OTU 237	0.138	0.303	-0.091	0.400	-0.019	0.115	0.557	0.197	0.051	0.215
OTU 238	0.059	0.237	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	0.617	0.303	0.183	0.022	0.172
OTU 242	-0.289	-0.037	-0.091	0.059	-0.005	0.301	-0.030	-0.139	-0.208	-0.056
OTU 243	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	0.232	0.396	-0.072	-0.056	0.266	0.044	-0.325	0.325
OTU 251	0.060	0.063	0.207	0.298	-0.056	0.001	0.128	0.117	-0.260	0.296
OTU 255	-0.337	0.056	0.088	0.044	-0.391	-0.341	-0.123	-0.209	-0.674	-0.078
OTU 256	-0.033	-0.269	0.320	0.181	0.019	-0.311	-0.142	0.008	-0.360	0.094
OTU 258	-0.140	0.007	-0.151	-0.030	-0.064	0.106	0.239	-0.193	-0.302	-0.130
OTU 261	-0.254	-0.072	-0.023	-0.282	-0.307	-0.247	-0.196	-0.207	-0.575	-0.304
OTU 263	-0.426	0.013	-0.149	0.215	-0.162	0.034	-0.111	0.195	-0.330	-0.301
OTU 265	-0.099	0.077	0.073	0.031	-0.122	0.004	0.058	0.122	-0.230	0.013
OTU 267	-0.075	-0.014	-0.161	0.143	0.114	0.186	0.186	-0.167	-0.167	0.109
OTU 269	0.181	0.142	-0.138	0.085	0.134	0.134	0.413	0.262	0.040	0.128
OTU 271	0.038	0.043	0.281	0.071	-0.037	-0.019	0.171	0.318	0.207	0.246
OTU 274	-0.061	-0.011	-0.069	-0.231	0.021	0.037	0.164	-0.027	-0.019	0.115
OTU 275	0.021	0.056	0.013	0.021	-0.098	-0.098	0.140	0.199	-0.148	0.324
OTU 277	0.101	0.262	0.419	0.066	-0.224	-0.226	0.675	1.185	-0.209	0.055
OTU 279	-0.269	0.079	0.136	0.006	0.137	0.225	0.745	0.245	-0.024	-0.024
OTU 284	0.039	-0.033	0.014	0.190	0.357	0.251	0.038	-0.135	0.149	0.028
OTU 285	0.117	0.222	0.167	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	-0.113	-0.400
OTU 290	-0.304	0.231	0.115	0.014	-0.021	0.114	-0.117	-0.182	-0.036	-0.212
OTU 293	0.025	0.146	-0.263	-0.002	0.076	0.163	0.150	-0.021	0.038	0.199
OTU 294	-0.200	0.076	-0.228	0.145	-0.237	0.244	0.236	0.002	0.075	-0.080

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COMPUTE CORRELATIONS

	OTU 188	OTU 190	OTU 192	OTU 193	OTU 194	OTU 198	OTU 201	OTU 203	OTU 208	OTU 205
OTU 299	0.023	-0.164	0.267	-0.380	0.177	-0.299	-0.081	0.029	0.124	-0.016
OTU 300	-0.162	-0.081	0.115	-0.330	-0.077	-0.124	-0.356	-0.075	0.111	-0.010
OTU 302	0.025	-0.422	0.066	-0.374	-0.177	-0.282	-0.402	-0.022	0.036	-0.007
OTU 303	-0.006	-0.294	0.369	-0.301	0.167	-0.299	-0.394	-0.130	0.111	-0.176
OTU 304	-0.364	-0.406	-0.101	-0.390	-0.332	-0.148	-0.608	-0.329	-0.403	-0.201
OTU 307	-0.009	-0.457	-0.039	-0.009	0.207	-0.107	-0.324	-0.302	0.066	-0.166
OTU 309	0.112	-0.374	0.060	-0.259	0.292	-0.170	-0.178	-0.150	0.111	-0.011
OTU 312	-0.110	-0.212	-0.203	-0.450	-0.007	-0.031	-0.215	-0.054	0.175	-0.080
OTU 315	-0.237	-0.166	0.405	-0.281	-0.040	-0.221	-0.275	-0.186	-0.011	-0.125
OTU 317	-0.500	-0.321	0.000	-0.474	-0.226	-0.156	-0.519	-0.317	-0.216	-0.354
OTU 323	0.007	-0.192	-0.006	-0.359	0.082	0.121	-0.288	0.162	0.143	0.113
OTU 325	-0.310	-0.008	0.155	-0.454	-0.090	-0.152	-0.500	-0.167	-0.178	-0.170
OTU 326	0.202	-0.068	-0.138	-0.185	0.165	0.187	-0.147	0.226	0.340	0.114
OTU 329	-0.046	-0.088	-0.106	-0.423	-0.001	-0.188	-0.364	-0.230	0.037	-0.220
OTU 331	0.140	-0.332	0.180	-0.156	0.160	-0.199	-0.293	0.090	0.081	0.022
OTU 334	0.064	-0.315	0.223	-0.426	0.099	-0.312	-0.438	-0.165	0.024	-0.064
OTU 335	0.040	-0.106	0.316	-0.163	-0.040	-0.165	-0.364	-0.342	-0.138	-0.097
OTU 338	-0.106	-0.098	0.420	-0.289	-0.218	-0.277	-0.361	-0.243	-0.384	-0.114

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COMPUTE 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	0.529	1.000								
OTU 211	0.220	0.275								
OTU 214	-0.107	-0.179	0.166	1.000						
OTU 215	-0.051	0.028	0.066	0.225	1.000					
OTU 217	-0.236	-0.003	0.013	0.057	0.576	1.000				
OTU 219	-0.386	-0.184	0.015	0.578	0.501	0.731	1.000			
OTU 222	0.181	0.214	-0.190	-0.342	-0.349	-0.266	-0.625	1.000		
OTU 223	0.890	0.185	-0.216	-0.322	-0.287	-0.453	-0.544	0.493	1.000	
OTU 224	0.240	0.254	-0.203	-0.087	-0.009	-0.293	-0.205	0.560	0.471	1.000
OTU 225	0.606	0.573	0.183	-0.438	-0.320	-0.435	-0.493	0.427	0.439	0.596
OTU 226	0.123	0.165	0.331	-0.396	-0.304	0.166	-0.066	-0.124	-0.104	-0.123
OTU 232	0.371	0.312	0.199	-0.337	0.181	-0.221	-0.362	0.192	0.151	0.289
OTU 233	0.280	0.162	-0.160	-0.356	-0.263	-0.456	-0.300	0.487	0.439	0.596
OTU 237	0.571	0.368	-0.164	-0.378	-0.368	-0.510	-0.522	0.630	0.625	0.474
OTU 238	0.219	0.230	-0.049	-0.223	-0.335	-0.420	-0.446	0.337	0.295	0.157
OTU 240	0.293	0.382	0.278	-0.265	-0.029	-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 245	0.415	0.151	0.013	-0.267	-0.404	-0.303	-0.443	0.558	0.549	0.345
OTU 250	0.305	0.294	0.023	-0.435	-0.325	-0.358	-0.561	0.253	0.232	0.276
OTU 253	0.193	0.199	-0.091	-0.450	-0.318	-0.285	-0.480	0.478	0.670	0.279
OTU 255	-0.088	0.112	0.315	-0.236	-0.328	-0.115	-0.069	-0.018	0.063	-0.117
OTU 257	-0.118	-0.174	-0.018	-0.146	-0.163	-0.012	-0.122	0.056	0.069	0.066
OTU 258	0.100	0.199	0.066	-0.248	-0.186	-0.409	-0.204	0.311	0.352	0.179
OTU 261	-0.028	-0.212	0.080	-0.300	-0.499	-0.201	0.003	-0.127	-0.049	-0.156
OTU 263	0.022	0.186	0.307	-0.323	-0.382	-0.154	0.057	-0.246	-0.189	-0.038
OTU 265	0.106	-0.008	-0.186	-0.403	-0.276	-0.267	-0.343	0.505	0.430	0.335
OTU 267	0.069	0.228	0.065	-0.374	-0.476	-0.362	-0.351	0.195	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	-0.181	-0.059	0.168	0.158	0.190	0.306
OTU 274	0.016	0.003	-0.240	-0.004	-0.176	0.057	0.103	0.091	0.089	0.219
OTU 275	0.053	0.168	-0.177	-0.231	-0.272	-0.195	-0.270	0.228	0.139	0.213
OTU 277	0.061	-0.082	-0.290	-0.307	-0.400	-0.298	-0.298	0.396	0.496	0.463
OTU 279	-0.031	0.257	0.166	-0.221	-0.296	-0.189	-0.176	0.259	0.137	0.376
OTU 284	-0.293	0.086	-0.193	-0.012	-0.225	-0.278	-0.228	0.225	0.181	0.260
OTU 285	0.196	0.123	-0.241	-0.276	-0.373	-0.575	-0.469	0.558	0.536	0.485
OTU 287	0.026	0.309	0.373	-0.285	-0.229	-0.052	-0.065	0.028	-0.033	0.129
OTU 290	-0.011	0.018	0.168	-0.061	-0.289	-0.224	-0.115	0.123	0.102	0.251
OTU 293	0.045	0.099	0.114	0.031	0.035	-0.343	-0.079	-0.067	-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	-0.250	-0.277	-0.422	-0.430	-0.446	-0.525	-0.253	-0.004
OTU 300	-0.180	-0.178	0.170	0.476	0.306	0.607	0.461	-0.484	-0.538	-0.250
OTU 302	-0.320	-0.089	0.084	0.445	0.486	0.74	0.551	-0.501	-0.548	-0.463
OTU 303	-0.272	-0.217	0.257	0.710	0.595	0.543	0.517	-0.493	-0.398	-0.220
OTU 304	-0.334	0.116	0.365	0.104	0.167	0.462	0.384	-0.396	-0.445	-0.493
OTU 307	-0.400	-0.168	0.055	0.738	0.342	0.477	0.612	-0.506	-0.556	-0.170
OTU 309	-0.234	-0.006	0.089	0.715	0.340	0.516	0.538	-0.519	-0.561	-0.285
OTU 312	-0.154	-0.102	0.120	0.208	0.454	0.475	0.561	-0.471	-0.487	-0.371
OTU 315	-0.032	-0.075	0.127	0.559	0.569	0.442	0.482	-0.112	-0.292	-0.216
OTU 317	-0.382	-0.065	0.422	0.227	0.277	0.533	0.466	-0.464	-0.515	-0.253

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	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	0.354	0.385	0.444	0.389	-0.409	-0.389	-0.192
OTU 325	-0.280	0.080	0.318	0.371	0.509	0.594	0.533	-0.412	-0.467	-0.512
OTU 328	-0.028	-0.058	0.044	0.000	0.529	0.399	0.266	-0.428	-0.418	-0.218
OTU 329	-0.212	-0.059	0.217	0.000	0.460	0.476	0.517	-0.461	-0.393	-0.077
OTU 331	-0.122	-0.036	0.092	0.000	0.626	0.684	0.602	-0.404	-0.373	-0.170
OTU 334	-0.326	-0.289	0.066	0.757	0.508	0.382	0.608	-0.355	-0.514	-0.357
OTU 335	-0.300	-0.189	0.002	0.580	0.503	0.496	0.531	-0.425	-0.399	-0.188
OTU 338	-0.212	-0.051	0.047	0.440	0.211	0.396	0.400	-0.208	-0.151	-0.079

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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	0.268	1.000								
OTU 232	0.627	0.465	1.000							
OTU 233	0.417	0.155	0.270	1.000						
OTU 237	0.590	0.192	0.460	0.462	1.000					
OTU 238	0.328	0.137	0.629	0.287	0.329	1.000				
OTU 240	0.423	0.353	0.701	0.269	0.425	0.506	1.000			
OTU 242	0.305	0.445	0.113	0.156	0.309	0.565	0.383	1.000		
OTU 245	0.484	0.178	0.228	0.43*	0.488	0.190	0.115	0.297	1.000	
OTU 250	0.443	0.215	0.276	0.355	0.508	0.408	0.418	0.281	0.482	1.000
OTU 253	0.395	0.251	0.289	0.216	0.300	0.370	0.309	0.234	0.440	0.777
OTU 255	0.162	0.694	0.350	0.119	0.210	0.125	0.360	0.371	0.306	0.510
OTU 257	-0.030	-0.085	-0.030	0.085	0.006	-0.090	-0.067	-0.020	-0.288	0.385
OTU 258	0.445	0.192	0.777	0.418	0.542	0.471	0.428	0.554	0.414	0.280
OTU 261	0.164	0.610	0.317	0.267	0.188	0.077	0.128	0.393	0.305	0.192
OTU 263	0.211	0.782	0.488	0.277	0.145	0.197	0.288	0.503	0.145	-0.048
OTU 265	0.594	0.232	0.407	0.481	0.343	0.352	0.282	0.225	0.489	0.583
OTU 267	0.273	0.413	0.609	0.348	0.393	0.520	0.273	0.602	0.315	0.419
OTU 269	0.531	0.335	0.664	0.406	0.405	0.429	0.517	0.276	0.300	0.381
OTU 271	0.201	0.017	0.261	0.377	0.173	0.347	0.064	0.104	0.167	0.359
OTU 274	0.031	0.024	0.241	0.312	0.103	0.328	0.125	0.256	0.117	0.028
OTU 275	0.319	0.221	0.467	0.407	0.358	0.358	0.489	0.294	0.121	0.533
OTU 277	0.315	0.148	0.198	0.534	0.371	0.313	-0.104	0.002	0.449	0.393
OTU 279	0.144	0.035	0.099	0.434	0.098	0.345	0.204	0.413	0.299	0.265
OTU 284	0.016	-0.181	0.176	0.129	0.187	0.474	0.326	0.213	0.162	0.139
OTU 285	0.328	0.134	0.377	0.512	0.662	0.473	0.278	0.272	0.345	0.463
OTU 287	0.123	0.399	0.131	0.202	0.114	0.275	0.250	0.484	0.311	0.395
OTU 289	0.125	0.289	0.285	0.278	0.266	0.436	0.247	0.490	0.282	-0.007
OTU 293	-0.064	0.171	0.133	0.255	0.228	0.289	0.457	0.216	-0.287	0.134
OTU 294	0.362	0.489	0.477	0.390	0.342	0.385	0.457	0.063	0.282	0.255
OTU 299	-0.351	-0.318	-0.121	-0.219	-0.227	-0.090	-0.339	-0.296	-0.281	-0.343
OTU 300	-0.366	-0.334	-0.118	-0.402	-0.409	-0.068	-0.214	0.002	-0.286	-0.420
OTU 302	-0.484	-0.205	-0.307	-0.629	-0.595	-0.436	-0.371	-0.212	-0.427	-0.290
OTU 303	-0.520	-0.417	-0.387	-0.422	-0.604	-0.281	-0.615	-0.288	-0.333	-0.334
OTU 304	-0.200	-0.150	-0.049	-0.507	-0.315	-0.331	0.054	0.004	-0.236	-0.485
OTU 307	-0.561	-0.322	-0.281	-0.473	-0.486	-0.146	-0.231	-0.072	-0.445	-0.562
OTU 309	-0.479	-0.255	-0.308	-0.420	-0.257	-0.311	-0.311	-0.122	-0.318	-0.488
OTU 310	-0.405	-0.140	-0.243	-0.531	-0.419	-0.384	-0.267	-0.063	-0.569	-0.613
OTU 315	-0.406	-0.160	-0.293	-0.315	-0.264	-0.152	-0.378	-0.011	-0.199	-0.252
OTU 317	-0.271	-0.027	-0.239	-0.447	-0.547	-0.294	-0.294	0.082	-0.145	-0.249
OTU 323	-0.313	-0.154	-0.217	-0.478	-0.390	-0.174	-0.182	0.066	-0.419	-0.423
OTU 327	-0.410	-0.167	-0.304	-0.537	-0.542	-0.117	-0.195	0.006	-0.401	-0.161
OTU 328	-0.381	-0.209	-0.052	-0.482	-0.407	0.049	0.072	-0.047	-0.620	-0.348
OTU 329	-0.531	-0.233	-0.306	-0.480	-0.352	-0.299	-0.171	-0.139	-0.476	-0.476
OTU 331	-0.504	-0.419	-0.385	-0.476	-0.485	-0.260	-0.352	-0.134	-0.466	-0.376
OTU 334	-0.680	-0.368	-0.483	-0.598	-0.644	-0.218	-0.418	-0.169	-0.582	-0.427
OTU 335	-0.581	-0.315	-0.422	-0.374	-0.449	-0.276	-0.397	-0.215	-0.487	-0.193
OTU 336	-0.446	-0.070	-0.486	-0.216	-0.230	-0.220	-0.430	-0.079	-0.094	0.039

CONTINUATION OF
COMPUTE CORRELATIONS

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	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	0.508	-0.071	0.399	0.170	0.359	0.165	-0.140	0.435	0.067	-0.021
OTU 228	0.230	-0.361	-0.180	0.051	-0.241	0.150	-0.048	0.145	0.273	-0.366
OTU 232	0.271	-0.341	0.215	0.046	0.207	0.066	0.052	0.141	0.247	-0.019
OTU 233	0.299	0.005	0.437	0.278	0.191	0.320	-0.140	0.458	-0.286	-0.055
OTU 237	0.428	0.018	0.227	0.098	0.446	0.249	-0.094	0.401	-0.187	0.000
OTU 238	0.269	-0.165	0.337	0.207	0.111	0.165	0.182	0.578	0.081	0.266
OTU 240	0.254	-0.165	0.212	-0.080	0.128	0.279	-0.001	0.630	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	0.276	-0.179	0.259	0.184	0.286	0.344	-0.129	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	0.305	0.261	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	-0.144	-0.037	0.061	0.316	-0.064	-0.030	-0.081	-0.203
OTU 258	0.131	-0.085	0.218	0.218	0.227	-0.131	0.172	0.172	-0.043	-0.589
OTU 261	-0.028	-0.220	-0.034	0.317	-0.039	0.160	-0.055	0.181	0.080	-0.477
OTU 263	0.110	-0.292	-0.124	0.225	-0.219	-0.020	-0.102	0.155	0.376	-0.167
OTU 265	0.096	-0.116	0.339	0.042	0.318	0.116	0.050	0.382	-0.076	-0.250
OTU 267	0.164	-0.332	0.134	0.283	0.161	0.236	0.101	0.476	0.248	-0.144
OTU 269	0.321	-0.103	0.452	0.309	0.171	0.339	-0.007	0.475	0.015	-0.079
OTU 271	0.100	-0.279	0.161	-0.097	0.231	-0.057	0.231	0.175	-0.021	0.039
OTU 274	0.027	0.068	0.196	0.027	0.055	-0.062	-0.160	0.298	0.008	-0.037
OTU 275	0.129	-0.298	-0.013	-0.105	0.150	0.272	-0.006	0.375	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	0.059	-0.180	0.059	0.158	0.077	-0.049	-0.166	0.455	0.163	-0.057
OTU 284	0.081	0.056	0.187	0.221	0.243	0.163	0.281	0.345	0.309	0.152
OTU 285	0.016	-0.180	0.318	0.143	0.321	0.266	0.307	0.287	-0.326	0.002
OTU 287	-0.045	-0.393	-0.141	-0.003	-0.210	-0.007	-0.037	0.187	0.103	-0.345
OTU 290	0.097	-0.011	0.114	0.085	-0.005	-0.126	0.061	0.302	0.227	0.063
OTU 293	0.029	0.178	0.145	0.083	-0.003	0.115	-0.047	0.346	0.040	0.119
OTU 294	0.492	-0.224	-0.011	0.317	-0.150	0.116	-0.195	0.385	0.532	-0.008
OTU 299	-0.364	0.106	-0.146	-0.474	-0.171	-0.478	-0.063	-0.173	-0.173	-0.015
OTU 300	-0.044	-0.007	-0.297	-0.345	-0.067	-0.330	-0.181	-0.265	0.329	-0.002
OTU 302	-0.510	-0.092	-0.623	-0.447	-0.444	-0.340	-0.029	-0.582	-0.007	-0.107
OTU 303	-0.594	0.003	-0.121	-0.443	-0.276	-0.250	-0.042	-0.581	-0.197	0.019
OTU 304	-0.040	-0.198	0.573	0.255	-0.347	-0.308	-0.016	-0.410	0.308	-0.172
OTU 307	-0.489	0.134	-0.366	-0.211	-0.431	-0.162	-0.141	-0.466	0.223	-0.058
OTU 309	-0.409	0.083	-0.335	-0.234	-0.418	-0.168	-0.224	-0.517	0.066	-0.089
OTU 312	-0.355	0.312	-0.279	-0.275	-0.378	-0.297	-0.120	-0.275	0.170	-0.120
OTU 315	-0.410	0.126	-0.183	-0.176	-0.241	-0.423	-0.199	-0.415	-0.107	-0.115
OTU 317	-0.324	-0.065	-0.449	-0.261	-0.245	-0.463	-0.092	-0.463	0.320	-0.263
OTU 323	-0.142	0.117	-0.307	-0.217	-0.382	-0.311	-0.191	-0.270	0.214	0.137
OTU 325	-0.634	-0.164	-0.480	-0.531	-0.496	-0.301	-0.028	-0.491	0.010	0.186
OTU 326	-0.118	0.057	-0.100	-0.265	-0.185	-0.093	0.146	0.015	0.303	0.103
OTU 329	-0.454	0.143	-0.373	-0.460	-0.409	-0.374	-0.013	-0.499	-0.050	0.055
OTU 331	-0.601	0.103	-0.378	-0.569	-0.324	-0.278	-0.109	-0.520	-0.804	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	-0.399	-0.527	-0.244	-0.124	-0.090	-0.630	-0.281	-0.256
OTU 336	-0.584	-0.046	-0.459	-0.495	-0.255	-0.125	-0.068	-0.544	-0.364	-0.327

IDENTIFICATION:

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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	0.355	1.000								
OTU 257	0.267	0.217	1.000							
OTU 258	0.202	0.439	0.039	1.000						
OTU 261	0.189	0.650	0.293	0.630	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	0.415	0.160	1.000			
OTU 267	0.445	0.525	0.111	0.237	0.525	0.552	0.450	1.000		
OTU 269	0.435	0.213	0.091	0.496	0.500	0.571	0.645	0.671	1.000	
OTU 271	0.189	-0.027	0.178	0.052	-0.008	0.087	0.456	0.321	0.407	1.000
OTU 274	0.143	-0.003	0.116	0.338	0.299	0.268	0.000	0.470	0.516	0.538
OTU 275	0.382	0.356	0.255	0.362	0.249	0.207	0.406	0.391	0.567	0.527
OTU 277	0.449	0.229	0.297	0.290	0.395	0.163	0.544	0.243	0.336	0.531
OTU 279	0.203	0.181	0.310	0.268	0.108	0.215	0.239	0.309	0.047	0.268
OTU 280	0.215	0.037	0.085	0.129	0.066	0.014	0.301	0.544	0.394	0.319
OTU 285	0.407	0.338	0.092	0.503	0.295	0.148	0.071	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	-0.103
OTU 290	-0.008	0.266	-0.026	0.345	0.333	0.512	0.153	0.459	0.107	0.221
OTU 293	-0.178	0.053	-0.149	0.112	0.205	0.361	-0.108	0.380	0.235	-0.039
OTU 294	0.109	0.318	0.029	0.347	0.311	0.543	0.179	0.478	0.444	0.319
OTU 299	-0.250	-0.311	-0.148	-0.216	-0.239	-0.178	-0.174	-0.211	-0.185	0.090
OTU 300	-0.577	-0.205	-0.222	-0.245	-0.167	-0.071	-0.323	-0.242	-0.267	-0.087
OTU 302	-0.220	-0.094	-0.128	-0.081	-0.108	-0.207	-0.273	-0.220	-0.311	-0.065
OTU 303	-0.320	-0.250	0.004	-0.460	-0.333	-0.138	-0.325	-0.353	-0.400	-0.031
OTU 304	-0.141	-0.259	0.088	-0.105	-0.047	0.157	-0.144	-0.127	-0.301	-0.228
OTU 307	-0.439	-0.251	-0.194	-0.194	-0.164	-0.034	-0.455	-0.097	-0.311	-0.247
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	-0.266	-0.333
OTU 315	-0.238	-0.129	-0.084	-0.154	-0.138	-0.095	-0.295	-0.289	-0.468	-0.077
OTU 317	-0.275	-0.103	-0.122	-0.288	-0.034	0.057	-0.154	-0.278	-0.462	-0.101
OTU 323	-0.109	-0.289	-0.177	-0.405	-0.282	-0.187	-0.442	-0.216	-0.408	-0.177
OTU 325	-0.172	-0.024	-0.015	-0.307	-0.297	-0.180	-0.205	-0.284	-0.497	-0.129
OTU 328	-0.347	-0.464	-0.157	-0.357	-0.455	-0.246	-0.499	-0.301	-0.213	-0.037
OTU 329	-0.430	-0.177	-0.261	-0.251	-0.292	-0.105	-0.511	-0.297	-0.327	-0.387
OTU 331	-0.373	-0.347	-0.052	-0.365	-0.424	-0.170	-0.447	-0.409	-0.481	-0.136
OTU 334	-0.396	-0.303	-0.069	-0.410	-0.246	-0.340	-0.537	-0.420	-0.525	-0.185
OTU 335	-0.144	-0.208	0.160	-0.306	-0.242	-0.289	-0.345	-0.406	-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	0.235	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	0.590	0.125	0.351	1.000				
OTU 287	0.128	0.194	0.212	0.274	0.107	0.104	1.000			
OTU 290	0.371	0.121	0.142	0.408	0.428	0.325	0.347	1.000		
OTU 293	0.275	0.280	-0.062	0.106	0.289	0.244	0.135	0.164	1.000	
OTU 294	0.220	0.371	0.092	0.309	0.174	0.186	0.329	0.234	0.440	1.000
OTU 299	0.327	-0.011	-0.020	-0.044	-0.025	-0.124	-0.146	-0.001	0.037	-0.185
OTU 300	0.172	-0.059	-0.115	-0.064	-0.047	-0.250	-0.178	0.114	-0.028	-0.141
OTU 302	-0.002	-0.181	-0.408	-0.454	-0.207	-0.456	-0.182	-0.373	-0.323	-0.278
OTU 303	-0.008	-0.350	-0.338	-0.180	-0.095	-0.303	-0.110	-0.140	-0.166	-0.422
OTU 304	-0.257	-0.102	-0.423	-0.063	-0.218	-0.423	0.311	-0.183	-0.199	-0.089
OTU 307	0.186	-0.108	-0.406	-0.157	0.215	-0.305	-0.143	0.014	0.154	-0.276
OTU 309	0.026	-0.212	-0.419	-0.183	-0.035	-0.358	-0.108	-0.122	0.060	-0.285
OTU 312	-0.122	-0.299	-0.603	-0.394	-0.246	-0.504	-0.348	-0.180	0.099	-0.391
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	-0.393	0.182	-0.237	-0.341	0.394	-0.037	-0.241	-0.030
OTU 323	-0.028	-0.205	-0.362	-0.084	-0.132	-0.521	-0.216	-0.080	0.024	-0.185
OTU 325	-0.188	-0.203	-0.277	0.042	-0.173	-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	-0.077
OTU 329	-0.143	-0.294	-0.451	-0.221	-0.170	-0.287	-0.101	-0.048	0.039	-0.412
OTU 331	-0.024	-0.182	-0.372	-0.177	-0.224	-0.398	-0.168	-0.245	-0.128	-0.250
OTU 334	-0.059	-0.284	-0.445	-0.248	-0.158	-0.410	-0.253	-0.193	-0.113	-0.473
OTU 335	-0.054	-0.095	-0.285	-0.186	-0.181	-0.181	-0.107	-0.318	-0.041	-0.391
OTU 338	-0.259	-0.138	-0.078	-0.060	-0.322	-0.040	0.118	-0.184	-0.251	-0.401

IDENTIFICATION:

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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	0.565	1.000								
OTU 302	0.440	0.545	1.000							
OTU 303	0.599	0.464	0.687	1.000						
OTU 304	0.177	0.176	0.483	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	0.394	0.771	1.000			
OTU 312	0.439	0.583	0.554	0.511	0.421	0.659	0.595	1.000		
OTU 315	0.555	0.500	0.468	0.611	0.450	0.422	0.492	0.503	1.000	
OTU 317	0.276	0.431	0.493	0.518	0.483	0.310	0.412	0.396	0.774	1.000
OTU 323	0.298	0.717	0.491	0.386	0.098	0.443	0.498	0.577	0.411	0.368
OTU 325	0.462	0.396	0.678	0.683	0.627	0.588	0.587	0.509	0.482	0.678
OTU 328	0.224	0.471	0.401	0.381	0.041	0.345	0.262	0.545	0.203	0.168
OTU 329	0.518	0.453	0.540	0.571	0.387	0.701	0.641	0.508	0.479	0.395
OTU 331	0.52	0.527	0.676	0.709	0.344	0.679	0.684	0.674	0.518	0.395
OTU 334	0.111	0.591	0.722	0.626	0.289	0.741	0.701	0.697	0.682	0.392
OTU 335	0.518	0.307	0.634	0.711	0.368	0.602	0.546	0.533	0.600	0.382
OTU 338	0.338	0.174	0.426	0.505	0.362	0.279	0.384	0.266	0.595	0.361

IDENTIFICATION:

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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	0.446	1.000						
OTU 326	0.547	0.385	1.000					
OTU 329	0.439	0.632	0.375	1.000				
OTU 331	0.620	0.779	0.524	0.709	1.000			
OTU 334	0.591	0.716	0.612	0.675	0.891	1.000		
OTU 335	0.351	0.725	0.394	0.569	0.745	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:

PAGE 1

COMPUTE EUCLIDEAN DISTANCE

	OTU 000	OTU 001	OTU 004	OTU 006	OTU 005	OTU 006	OTU 002	OTU 003	OTU 005	OTU 009
OTU 000	0.000									
OTU 001	0.253	0.000								
OTU 004	0.691	0.267	0.000							
OTU 006	11.076	9.158	7.128	0.000						
OTU 005	11.854	9.615	8.148	7.044	0.000					
OTU 006	9.662	8.705	7.958	8.784	7.874	0.000				
OTU 002	12.681	9.292	7.799	6.551	0.107	0.000	0.000			
OTU 003	12.204	11.011	9.677	9.073	10.098	9.997	7.273	0.000		
OTU 005	14.145	9.322	8.561	8.044	9.027	9.531	7.583	9.696	0.000	
OTU 002	11.728	9.708	10.162	8.400	9.375	10.405	7.629	8.876	8.326	0.000
OTU 009	12.066	9.433	9.440	9.230	9.682	9.754	8.447	9.368	9.130	8.733
OTU 003	12.280	9.176	10.096	9.214	9.091	11.496	8.006	10.991	9.068	8.928
OTU 004	12.828	9.604	9.619	9.109	9.783	10.049	8.410	8.599	5.519	6.438
OTU 075	13.007	9.177	8.970	9.122	8.321	8.615	5.657	8.612	5.854	6.961
OTU 072	13.512	11.115	10.816	10.410	10.615	9.231	7.487	8.664	7.244	6.094
OTU 081	12.803	8.964	9.537	10.775	10.880	9.119	7.603	8.715	6.525	4.458
OTU 082	13.937	10.540	10.515	10.129	9.094	9.656	7.159	9.158	7.227	4.626
OTU 084	11.183	9.794	8.878	6.930	8.674	9.201	6.186	7.435	8.115	7.154
OTU 087	10.088	8.379	7.941	7.735	8.640	7.063	6.503	8.387	7.233	4.627
OTU 089	12.186	11.350	9.733	8.910	10.220	9.243	7.168	9.141	8.713	8.102
OTU 092	12.571	10.297	10.240	7.529	9.125	10.145	7.611	9.397	6.805	7.394
OTU 095	15.730	13.641	13.180	14.383	13.267	12.206	12.048	12.663	12.129	13.259
OTU 096	18.104	16.552	18.323	19.061	18.091	14.674	12.432	14.127	11.700	13.409
OTU 098	16.113	12.316	13.222	13.940	13.219	13.589	11.207	13.177	10.826	10.943
OTU 099	12.943	10.575	9.277	7.657	7.842	7.203	5.567	7.982	6.264	5.513
OTU 101	17.214	13.499	12.111	13.116	12.932	10.857	11.191	13.795	10.118	13.116
OTU 103	13.441	10.749	9.699	7.879	8.561	10.104	6.767	9.677	6.864	7.439
OTU 105	12.800	10.507	10.425	7.541	8.195	10.746	6.057	10.466	6.740	6.298
OTU 107	10.493	8.671	7.459	5.762	7.035	8.100	6.805	8.619	7.051	6.011
OTU 109	10.135	11.404	10.596	8.331	9.835	10.348	10.288	11.371	11.871	10.877
OTU 111	12.125	12.860	10.730	9.439	10.609	11.160	9.664	12.150	10.808	11.099
OTU 113	12.842	12.033	10.421	7.069	7.122	8.733	7.416	10.057	9.263	9.152
OTU 117	10.487	10.322	9.048	6.703	7.996	6.975	7.342	9.722	8.084	6.067
OTU 118	12.127	10.492	8.753	6.871	8.160	9.215	6.769	9.406	6.850	6.646
OTU 120	13.360	11.988	12.059	13.091	12.059	11.394	10.526	13.067	10.499	11.921
OTU 121	16.967	14.092	13.845	14.052	13.764	13.489	11.970	14.942	11.834	13.562
OTU 123	17.809	16.875	16.268	16.242	15.869	13.887	12.273	16.280	12.356	15.544
OTU 124	17.576	14.657	13.875	13.620	13.074	13.855	11.806	13.966	11.334	12.614
OTU 126	15.513	11.375	11.579	11.084	9.942	11.705	7.599	10.013	8.128	6.356
OTU 129	13.016	12.216	10.120	8.797	8.699	9.660	6.419	9.782	7.782	6.204
OTU 131	13.243	11.676	9.149	8.401	8.320	8.240	7.195	10.044	7.164	9.710
OTU 133	12.667	10.999	9.125	8.513	8.366	9.807	6.939	9.222	7.243	7.498
OTU 134	12.666	10.972	8.833	8.574	8.630	9.976	6.666	9.443	7.922	8.580
OTU 137	12.181	9.816	8.723	6.998	8.920	7.840	6.677	9.176	7.052	8.188
OTU 139	14.243	11.485	10.431	8.961	9.582	11.500	8.298	10.639	9.887	9.905
OTU 141	12.268	9.615	9.246	7.658	9.725	10.012	7.332	9.767	7.941	6.475
OTU 142	12.126	8.771	8.553	8.211	6.901	8.888	5.157	9.089	7.092	7.196
OTU 143	14.078	12.384	9.676	9.397	8.310	10.373	7.897	10.073	8.656	10.100
OTU 146	11.951	10.428	9.491	8.250	9.072	7.640	7.312	10.099	9.060	8.874
OTU 148	14.505	11.662	10.178	8.870	8.347	10.070	5.864	9.337	6.463	8.148

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DTU 150	DTU 040	DTU 041	DTU 044	DTU 048	DTU 055	DTU 056	DTU 062	DTU 063	DTU 065	DTU 069
DTU 150	8.698	8.234	8.673	8.064	8.133	8.498	8.948	9.279	8.438	8.498
DTU 151	12.183	11.394	9.326	9.447	8.757	11.635	9.916	9.804	8.602	9.053
DTU 152	14.525	12.368	10.811	10.065	9.593	12.050	8.446	12.275	8.932	10.728
DTU 153	12.969	10.556	9.212	8.229	8.518	10.398	6.811	10.339	8.279	7.471
DTU 160	14.984	11.906	11.003	9.666	9.205	11.994	9.087	12.148	9.226	10.006
DTU 161	13.114	10.957	9.655	8.541	7.507	10.039	6.842	9.279	7.173	8.292
DTU 162	12.029	9.225	9.576	8.345	8.567	9.724	6.958	9.058	7.175	8.265
DTU 168	14.091	9.563	8.847	9.479	9.169	11.575	7.062	10.415	7.264	7.874
DTU 169	15.338	12.309	10.720	9.955	9.509	11.694	7.831	10.383	7.960	9.986
DTU 170	13.836	10.210	8.757	8.959	8.517	10.134	6.396	9.748	8.423	9.389
DTU 172	16.041	14.782	14.492	15.500	15.414	14.944	14.714	16.550	14.584	13.836
DTU 173	15.545	12.807	11.678	16.043	15.552	14.004	14.313	16.067	13.993	13.518
DTU 174	14.700	11.779	11.131	12.782	12.568	12.028	9.768	11.287	9.078	10.134
DTU 175	13.947	10.826	10.105	11.173	10.617	11.783	8.425	10.005	9.291	9.688
DTU 176	13.881	11.560	11.455	11.359	10.423	9.605	8.068	10.402	9.972	9.089
DTU 178	12.438	10.740	9.245	10.432	9.695	8.817	6.540	9.999	8.896	11.353
DTU 179	12.958	8.465	6.722	9.953	9.276	10.174	7.737	10.132	7.511	7.703
DTU 180	11.382	10.035	9.791	9.104	10.110	8.181	7.566	9.357	8.761	8.761
DTU 184	13.507	10.073	9.134	8.476	8.126	9.570	5.392	8.231	6.071	7.011
DTU 185	13.546	10.261	10.173	10.686	10.982	10.450	7.704	10.595	7.800	9.533
DTU 186	13.008	9.767	8.893	8.888	8.008	9.578	6.180	9.048	8.827	8.188
DTU 190	12.901	9.882	8.023	8.659	8.248	9.505	5.781	9.118	5.482	8.223
DTU 192	13.363	9.114	9.421	9.804	9.472	9.802	6.420	9.598	6.134	7.858
DTU 193	12.734	10.751	10.000	10.037	9.488	9.212	7.120	10.053	7.317	10.350
DTU 195	11.076	10.561	9.301	8.659	8.915	9.559	6.636	9.379	7.319	7.840
DTU 198	12.731	12.028	9.883	8.999	8.036	8.316	6.789	9.156	8.753	9.074
DTU 201	11.713	10.519	9.888	9.219	9.551	9.489	7.709	9.726	7.273	10.197
DTU 203	12.671	10.023	8.567	9.346	9.518	9.665	6.478	8.688	6.693	8.675
DTU 204	12.979	11.811	10.071	8.705	8.090	9.540	6.402	9.271	8.848	8.848
DTU 205	13.365	9.873	9.474	11.103	10.883	9.621	7.941	10.026	8.853	7.828
DTU 207	12.931	10.431	8.895	9.311	8.972	9.142	6.904	9.984	7.029	9.517
DTU 208	12.736	10.907	9.900	10.590	9.217	9.139	6.641	9.646	7.992	8.804
DTU 210	12.930	11.241	10.768	11.070	11.054	10.083	8.912	11.434	9.458	9.928
DTU 214	15.577	11.610	11.390	11.340	11.512	12.066	8.367	11.657	8.192	9.164
DTU 215	12.824	11.583	10.617	11.110	11.030	11.489	8.497	10.363	9.233	9.211
DTU 217	12.719	10.827	10.591	12.357	11.776	13.133	9.425	11.739	9.206	9.558
DTU 219	14.653	11.517	11.563	12.225	11.878	11.908	10.049	12.478	10.193	9.528
DTU 222	13.778	13.884	13.112	11.152	11.629	13.207	11.773	13.980	11.788	11.805
DTU 223	13.870	11.444	10.732	9.500	9.614	11.292	9.006	12.332	8.823	10.224
DTU 224	14.040	11.720	10.293	8.684	8.739	9.327	7.327	9.760	7.560	7.457
DTU 226	12.542	11.566	10.164	8.731	9.130	9.554	8.267	11.054	9.101	10.245
DTU 228	11.182	8.576	7.772	9.013	9.119	9.050	7.635	10.631	8.144	9.750
DTU 232	12.441	9.697	8.262	8.495	8.923	9.257	6.524	9.643	7.932	9.132
DTU 233	13.904	12.016	10.458	9.053	9.815	12.388	9.302	11.202	7.658	9.875
DTU 237	13.963	11.008	9.523	9.306	8.827	10.702	7.888	10.647	7.787	10.226
DTU 238	13.795	11.054	9.939	8.934	7.899	10.689	6.711	10.560	8.467	8.750
DTU 240	13.038	11.831	9.734	9.219	9.653	11.198	8.005	10.307	9.730	10.314
DTU 242	12.186	9.774	9.259	8.682	7.825	9.611	7.259	10.423	8.472	8.041
DTU 245	12.207	10.011	8.270	8.446	9.319	9.456	7.478	11.613	7.752	8.957
DTU 250	11.480	8.995	8.791	9.537	9.211	9.728	7.890	10.191	8.101	8.718

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CONTINUATION OF

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	OTU 080	OTU 081	OTU 084	OTU 088	OTU 055	OTU 056	OTU 052	OTU 063	OTU 065	OTU 069
OTU 253	11.822	8.738	8.717	9.182	9.287	9.530	7.551	10.141	7.056	8.694
OTU 255	12.045	8.642	9.896	10.530	10.543	10.690	8.890	12.216	9.140	9.990
OTU 257	11.620	8.793	8.923	9.068	10.379	9.821	6.759	8.227	7.353	7.000
OTU 258	12.633	9.705	8.825	8.479	9.382	9.767	5.662	10.199	7.821	8.844
OTU 261	12.256	8.724	7.593	8.681	9.383	9.694	7.207	10.461	8.023	9.471
OTU 264	12.513	10.338	9.255	10.115	9.889	10.134	8.117	11.302	9.707	10.717
OTU 265	11.893	9.476	8.245	8.064	8.281	10.018	7.678	10.846	8.885	8.468
OTU 267	12.279	9.250	8.432	8.264	8.026	9.684	6.892	10.085	8.212	8.661
OTU 269	11.923	8.540	7.755	7.349	7.681	9.693	7.138	10.080	8.535	9.247
OTU 271	12.398	9.764	8.880	9.590	8.778	10.087	5.937	9.292	8.162	8.324
OTU 274	13.000	9.609	7.934	8.193	8.550	10.232	6.907	10.279	7.946	8.238
OTU 275	12.737	9.500	8.613	9.251	9.603	10.603	7.152	9.637	7.497	8.568
OTU 277	13.516	9.906	9.350	9.268	9.543	10.714	7.352	11.300	7.386	8.863
OTU 279	12.886	10.808	10.145	9.491	9.349	10.048	9.046	9.659	8.361	7.117
OTU 284	14.207	11.468	10.433	8.788	8.668	11.180	7.779	11.053	9.805	8.830
OTU 285	13.993	9.512	9.507	8.510	8.082	11.309	6.955	10.576	7.454	8.798
OTU 287	11.502	10.772	10.174	10.321	9.484	10.725	8.820	10.979	10.586	8.470
OTU 290	12.881	9.685	8.484	8.054	7.855	9.587	9.169	9.730	6.557	7.629
OTU 293	14.116	10.880	9.194	8.930	9.130	10.980	6.660	8.954	8.557	9.311
OTU 294	12.140	9.903	8.365	8.225	7.714	8.421	6.347	8.572	7.978	8.807
OTU 299	17.306	12.794	12.184	16.206	13.023	13.660	10.667	13.089	10.170	11.524
OTU 300	15.512	12.473	11.261	12.483	11.696	11.980	10.007	13.270	9.621	10.882
OTU 302	18.531	11.176	11.680	13.436	11.235	11.992	10.978	12.953	11.209	10.628
OTU 303	14.449	10.996	1.887	11.590	10.707	12.182	9.419	11.917	9.987	8.695
OTU 304	12.997	10.992	11.666	13.977	13.020	10.982	10.963	11.470	11.751	11.085
OTU 307	17.119	13.308	13.175	13.629	13.081	13.536	10.706	13.142	11.511	10.775
OTU 309	15.189	11.579	12.119	12.706	12.309	12.150	10.128	12.259	10.228	9.901
OTU 312	13.969	11.220	10.563	11.751	10.770	10.873	9.334	11.046	9.598	9.940
OTU 315	15.705	12.141	11.902	13.211	11.827	12.443	10.124	12.826	9.851	11.130
OTU 317	12.514	11.322	11.343	12.497	11.655	10.709	10.118	11.757	10.996	9.270
OTU 323	16.686	14.530	13.915	14.071	13.519	13.528	12.235	14.728	12.095	11.006
OTU 325	13.818	11.335	12.340	13.197	11.954	12.213	10.042	11.772	11.038	8.517
OTU 328	14.180	12.243	10.515	10.922	10.479	11.421	8.084	9.687	9.350	9.564
OTU 329	14.610	11.313	10.901	10.977	10.325	11.719	8.168	10.901	8.304	7.770
OTU 331	14.810	11.941	11.639	12.823	12.116	12.379	9.516	11.620	9.622	8.878
OTU 334	15.211	11.397	13.905	12.443	11.682	12.756	9.492	11.979	9.799	9.116
OTU 335	15.732	11.584	12.810	13.977	12.327	14.191	11.241	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

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	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	9.287	8.778	0.000							
OTU 075	7.719	7.813	5.766	0.000						
OTU 079	10.124	10.241	6.168	5.760	0.000					
OTU 081	9.502	10.333	5.784	6.220	6.253	0.000				
OTU 082	7.593	10.137	7.273	6.888	6.087	7.367	0.000			
OTU 084	8.627	6.665	7.049	6.918	7.830	8.977	9.438	0.000		
OTU 087	6.825	7.187	7.466	6.102	7.254	7.629	7.661	6.049	0.000	
OTU 089	10.816	10.319	8.758	7.915	7.232	8.458	11.118	7.063	8.100	0.000
OTU 092	7.508	7.422	6.936	7.893	9.321	9.266	7.005	6.74	6.053	9.899
OTU 095	14.409	15.255	11.017	11.300	10.586	9.689	2.389	13.65	12.964	12.003
OTU 096	15.600	15.006	11.112	11.829	11.939	10.926	5.899	14.409	14.362	13.562
OTU 098	14.821	13.789	10.136	10.244	10.146	9.249	11.294	12.746	13.182	11.367
OTU 099	8.325	6.651	6.297	5.814	5.824	6.465	6.382	6.042	5.735	6.674
OTU 101	15.054	14.560	10.481	11.329	10.897	10.676	12.518	12.752	12.894	11.669
OTU 103	8.059	7.911	8.822	6.869	8.907	9.442	7.593	6.688	7.035	8.844
OTU 105	10.266	8.370	10.157	8.355	10.971	11.205	11.164	8.301	9.148	8.521
OTU 107	9.025	8.522	7.954	7.370	8.825	9.193	8.870	6.790	6.085	7.365
OTU 109	10.537	10.052	12.005	10.999	12.710	12.621	11.759	9.210	8.856	10.538
OTU 111	11.172	11.179	10.046	11.045	11.902	11.246	10.331	9.790	9.012	10.875
OTU 113	10.389	9.521	9.713	8.816	9.813	11.461	9.073	7.025	7.546	9.676
OTU 117	9.198	9.054	9.557	8.153	8.671	9.160	9.253	6.547	6.860	7.055
OTU 118	9.000	8.021	7.862	6.803	6.356	8.056	6.692	6.474	5.861	8.141
OTU 120	13.940	13.731	10.212	10.055	10.028	9.789	12.440	12.329	12.017	10.215
OTU 121	16.341	14.427	11.708	12.187	11.732	11.929	14.533	13.084	13.670	11.500
OTU 123	16.150	16.687	12.563	12.790	11.610	11.930	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	13.399	11.044
OTU 126	11.699	10.708	7.948	7.101	7.561	9.003	9.278	9.127	10.157	9.086
OTU 128	9.496	10.541	8.296	7.720	8.862	8.223	9.167	8.766	9.311	8.508
OTU 131	9.086	10.465	8.932	7.117	7.702	9.307	7.806	8.365	6.101	8.508
OTU 132	10.324	9.561	6.928	6.456	6.990	7.892	8.070	7.430	7.094	7.165
OTU 134	8.864	8.483	8.630	8.018	10.169	10.107	8.749	7.288	7.409	9.694
OTU 137	8.199	8.368	8.597	6.436	8.817	9.337	8.306	6.960	6.285	8.238
OTU 139	9.306	8.856	8.951	8.757	11.566	11.056	8.062	8.605	8.721	11.975
OTU 143	8.778	8.718	9.419	8.805	9.242	8.792	8.907	7.443	7.276	9.042
OTU 145	7.462	7.051	6.950	5.468	6.427	8.023	7.399	7.826	6.943	8.527
OTU 146	8.660	9.389	9.413	7.925	9.776	9.664	7.740	8.942	7.570	10.163
OTU 146	10.375	9.208	9.451	7.712	8.013	9.674	10.065	7.782	6.979	8.971
OTU 148	8.848	10.012	6.703	6.501	6.930	8.184	6.296	8.030	8.389	8.889
OTU 150	8.699	6.721	7.462	6.884	8.373	7.497	8.167	5.819	6.027	7.846
OTU 154	10.613	10.191	7.336	6.837	8.846	8.509	9.166	9.166	9.352	9.653
OTU 156	9.485	9.181	9.006	9.281	11.582	11.643	7.909	9.171	8.166	11.478
OTU 157	10.482	6.357	7.934	7.316	9.127	9.950	9.174	7.744	7.838	8.007
OTU 160	10.188	9.259	10.514	8.712	11.250	11.728	10.172	9.095	8.846	11.634
OTU 161	9.055	9.161	7.850	5.393	8.434	9.227	7.502	7.679	7.326	9.357
OTU 163	8.336	8.772	7.614	7.085	9.025	7.340	6.598	7.625	7.001	9.727
OTU 168	9.054	7.815	7.113	6.628	9.089	7.915	7.223	8.437	8.255	10.299
OTU 169	9.659	10.365	9.494	6.464	10.205	10.335	8.478	9.674	8.497	11.245
OTU 170	8.675	10.100	7.095	7.359	8.845	7.973	7.024	8.841	8.273	9.141

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	OTU 072	OTU 073	OTU 074	OTU 075	OTU 079	OTU 081	OTU 082	OTU 086	OTU 087	OTU 089
OTU 172	17.496	15.532	13.126	16.246	13.442	13.305	16.472	13.928	14.236	13.767
OTU 173	17.032	14.805	13.294	13.016	13.208	11.857	16.241	13.762	14.306	12.600
OTU 174	13.068	12.322	8.188	8.446	8.328	8.091	11.472	10.930	10.507	9.498
OTU 175	11.735	11.239	9.036	8.474	9.163	8.543	11.374	9.902	10.652	7.719
OTU 176	11.069	12.118	6.930	7.067	6.036	6.569	8.387	9.832	9.455	7.679
OTU 178	11.130	12.066	9.319	8.383	9.155	8.414	9.209	10.356	8.629	9.698
OTU 179	9.901	9.205	7.307	6.651	8.327	6.714	7.309	8.823	8.198	9.722
OTU 180	8.973	9.425	8.631	7.696	6.999	7.153	9.408	7.262	6.345	6.062
OTU 184	8.809	9.374	7.106	5.132	6.528	7.188	6.495	7.756	7.565	7.849
OTU 185	9.266	8.071	7.614	7.156	8.206	7.232	6.942	8.825	7.647	9.935
OTU 188	9.267	8.240	7.746	7.122	7.453	6.887	7.703	7.314	6.959	8.291
OTU 190	8.871	9.111	5.741	5.551	7.219	6.815	7.048	8.159	6.873	7.644
OTU 192	9.137	4.865	6.272	5.895	6.977	6.341	6.449	8.111	7.049	6.291
OTU 193	9.506	1.156	8.454	7.777	8.165	7.437	6.308	10.209	7.547	9.859
OTU 195	9.621	9.412	7.333	6.892	7.109	7.639	7.840	7.376	7.161	8.289
OTU 196	9.913	10.666	8.392	7.475	7.468	8.638	7.725	7.291	6.172	7.438
OTU 201	9.212	11.660	8.348	7.631	8.323	7.887	7.355	9.821	8.002	9.980
OTU 203	9.002	9.895	6.959	7.299	7.189	6.759	7.312	7.289	7.270	8.013
OTU 204	10.144	10.666	8.251	7.666	7.227	9.300	7.933	7.646	7.116	8.282
OTU 205	9.608	10.732	7.424	6.991	7.331	9.977	7.289	9.429	7.789	9.711
OTU 207	9.898	10.414	7.896	7.382	7.913	7.233	7.183	8.722	7.593	8.673
OTU 208	9.622	11.056	0.055	6.911	7.171	6.655	6.572	5.319	7.771	8.479
OTU 211	11.716	12.340	8.686	9.279	8.762	7.792	8.863	10.716	9.603	9.143
OTU 214	12.332	11.583	8.208	8.464	7.686	8.161	10.207	10.136	10.467	8.958
OTU 215	11.622	12.019	8.228	9.408	8.237	8.305	10.255	9.653	10.325	8.501
OTU 217	12.240	11.533	8.250	8.319	7.578	7.805	10.561	9.894	9.711	8.927
OTU 219	13.280	12.272	9.488	9.482	8.687	9.316	11.900	10.073	11.202	8.587
OTU 222	11.640	10.914	12.365	11.674	13.719	13.219	11.903	11.835	10.628	13.822
OTU 223	9.498	10.150	9.631	9.052	11.739	10.634	9.227	10.312	9.066	12.032
OTU 224	9.111	8.893	8.167	7.636	8.935	9.615	9.037	7.749	7.913	9.053
OTU 226	9.449	9.993	10.198	9.151	10.322	10.497	9.043	8.665	7.512	9.701
OTU 228	9.058	9.923	8.909	9.997	9.305	8.948	9.303	8.920	9.420	7.922
OTU 232	9.066	9.695	8.775	7.270	8.898	8.500	8.232	7.928	7.047	8.392
OTU 233	9.366	9.236	10.632	9.689	11.934	11.651	9.639	9.044	8.321	11.025
OTU 237	10.850	10.150	9.718	7.812	10.306	9.379	8.027	8.413	10.588	9.480
OTU 238	8.820	7.870	9.116	7.184	7.730	10.323	8.152	8.049	7.532	5.500
OTU 240	9.568	10.756	10.339	9.199	10.670	10.128	9.212	9.653	8.858	9.488
OTU 242	9.708	7.091	8.683	7.390	9.215	9.437	8.240	7.278	8.440	9.731
OTU 245	9.759	8.759	8.706	7.855	9.170	8.754	8.485	8.511	6.366	9.731
OTU 250	7.270	8.839	8.451	7.268	9.508	7.807	6.650	8.866	8.337	10.634
OTU 251	7.787	8.205	7.696	7.154	8.514	7.268	7.308	8.068	9.634	9.434
OTU 255	8.823	9.616	9.582	8.664	10.514	8.453	8.973	10.330	8.306	10.374
OTU 257	8.343	7.704	6.503	6.073	6.970	6.194	7.391	8.273	7.766	9.015
OTU 258	9.412	9.083	8.706	6.678	9.288	8.507	8.754	7.884	7.411	8.434
OTU 261	9.673	9.036	8.658	7.314	9.065	7.969	9.098	7.445	7.058	8.499
OTU 263	11.789	11.127	10.275	8.908	10.159	9.625	10.159	9.363	8.044	8.589
OTU 265	7.563	7.155	8.772	7.674	9.643	9.186	8.997	6.995	5.921	2.562
OTU 267	8.732	7.911	9.074	7.223	9.397	9.022	7.570	7.397	6.473	9.111
OTU 269	8.432	8.362	9.211	8.020	10.121	10.083	7.040	7.005	6.398	9.267
OTU 271	8.209	7.962	8.329	6.592	8.468	8.846	7.211	7.095	6.226	9.957

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OTU 276	9.191	8.296	8.508	8.863	8.426	8.967	8.665	7.145	6.842	8.992
OTU 275	8.180	7.686	8.582	7.081	9.162	8.961	8.607	7.522	6.491	9.830
OTU 277	8.035	7.514	8.461	7.004	9.733	9.125	8.274	7.983	6.684	10.039
OTU 279	8.585	7.929	7.997	6.612	8.181	8.737	7.524	7.806	6.792	8.868
OTU 280	9.470	7.656	10.216	8.105	9.869	11.162	9.417	8.043	6.018	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	9.775	8.369	10.143	9.591	9.333	8.851	7.777	9.649
OTU 290	9.707	7.668	6.983	6.022	7.593	7.905	7.369	7.230	6.671	7.497
OTU 293	9.230	10.441	8.983	7.770	9.018	8.849	8.895	8.844	8.817	8.402
OTU 290	7.960	9.888	8.594	6.949	7.600	8.348	6.835	7.661	6.880	7.477
OTU 292	12.773	13.157	10.120	9.693	9.320	9.679	12.025	12.238	12.001	11.992
OTU 300	13.478	11.817	9.823	9.700	8.953	10.705	11.843	10.746	10.394	9.677
OTU 102	13.182	12.772	10.095	10.233	9.557	9.805	11.695	10.275	11.391	10.739
OTU 423	12.178	11.224	8.782	9.460	9.257	9.576	10.623	10.076	10.908	10.686
OTU 304	12.605	13.265	10.128	8.563	7.465	12.003	11.912	11.912	11.177	9.707
OTU 307	16.800	13.261	11.335	10.265	9.786	10.731	13.160	11.962	12.883	10.118
OTU 309	12.990	12.414	9.522	9.602	8.480	8.826	11.197	10.670	10.744	9.409
OTU 112	13.348	12.495	9.156	9.136	8.690	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	11.384	11.052
OTU 317	12.529	12.039	8.685	9.430	8.167	8.973	11.286	10.513	10.015	9.098
OTU 323	16.611	14.100	11.148	12.412	11.300	12.622	13.024	11.990	13.009	11.592
OTU 325	12.387	11.360	8.808	7.129	8.615	8.334	10.996	10.419	11.103	9.110
OTU 328	11.425	11.812	8.375	9.73	8.971	9.826	10.183	8.932	10.364	8.594
OTU 329	12.188	11.084	7.194	7.308	7.779	7.851	9.907	9.411	10.209	8.182
OTU 331	12.666	11.510	8.268	6.839	8.274	8.296	10.055	9.229	10.910	9.439
OTU 334	12.940	11.374	6.834	9.189	9.158	9.460	11.370	10.223	11.461	9.298
OTU 335	13.605	12.672	9.885	10.442	10.519	9.625	12.113	11.554	12.844	11.465
OTU 338	14.043	12.372	9.571	10.367	11.199	9.662	12.226	12.900	12.838	12.496

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	OTU 052	OTU 054	OTU 056	OTU 058	OTU 059	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 092	0.000	0.000								
OTU 095	15.000	0.000								
OTU 096	16.301	2.708	0.000							
OTU 098	16.671	8.235	7.310	0.000						
OTU 099	7.767	10.997	12.346	11.362	0.000					
OTU 101	14.933	8.454	7.574	9.333	10.745	0.000				
OTU 103	7.056	10.889	15.100	13.936	6.516	13.183	0.000			
OTU 105	7.303	15.579	16.198	13.714	8.851	14.809	7.439	0.000		
OTU 107	7.594	13.198	14.412	13.188	5.705	12.599	7.586	7.166	0.000	
OTU 109	9.357	16.728	18.079	16.680	10.096	16.835	9.710	8.331	6.876	0.000
OTU 111	10.137	15.397	16.306	13.862	8.819	13.576	9.080	17.135	8.226	9.242
OTU 113	2.952	15.140	15.941	15.055	6.982	14.141	6.062	9.036	7.888	8.433
OTU 117	7.073	13.549	15.180	13.908	5.125	12.879	6.525	7.406	5.512	7.925
OTU 118	6.305	14.228	14.664	13.286	5.866	13.267	6.046	7.362	5.990	8.681
OTU 120	14.467	7.028	7.425	6.971	10.246	6.258	12.095	13.117	11.974	15.671
OTU 121	15.452	9.189	8.263	9.385	12.197	6.777	14.427	14.109	13.717	16.765
OTU 123	15.978	8.875	8.985	8.697	11.605	6.607	16.789	14.731	13.992	18.225
OTU 124	14.676	7.817	6.997	8.683	11.180	6.545	13.429	14.343	12.622	16.131
OTU 126	10.422	10.168	10.164	7.872	7.932	9.377	9.842	10.211	9.975	13.903
OTU 128	8.182	13.272	13.437	12.723	6.756	12.307	6.766	8.980	8.321	12.292
OTU 131	8.986	13.137	14.377	13.774	5.699	12.817	6.499	9.618	6.348	9.600
OTU 133	7.739	11.527	12.296	11.075	6.019	10.623	7.767	6.484	6.899	11.362
OTU 134	6.790	14.309	14.475	14.279	7.118	13.506	6.609	8.690	6.886	9.466
OTU 137	6.212	13.737	14.418	13.766	7.791	12.750	5.886	6.759	5.732	8.077
OTU 139	7.566	16.223	16.039	15.895	9.210	14.859	5.261	9.306	9.258	10.624
OTU 141	7.619	14.382	14.805	12.661	7.303	13.569	7.500	8.188	7.343	9.115
OTU 142	7.893	12.627	12.975	11.538	6.512	11.879	6.045	7.451	7.462	10.648
OTU 144	8.525	14.061	14.990	14.897	7.294	13.534	7.889	10.325	7.301	9.962
OTU 146	9.664	13.146	14.526	12.739	6.665	12.069	8.398	9.391	6.673	10.253
OTU 148	8.749	11.992	12.990	11.487	5.505	11.398	7.033	9.919	8.438	12.475
OTU 150	7.183	12.659	13.556	11.192	6.587	12.342	6.794	7.749	6.385	8.856
OTU 151	9.348	12.366	11.990	11.345	7.876	10.998	6.097	9.789	8.725	11.430
OTU 156	9.288	16.215	15.948	15.416	9.078	14.172	6.559	10.459	8.927	11.157
OTU 157	8.501	14.086	14.009	12.480	7.188	12.872	7.694	8.133	6.192	10.211
OTU 160	7.767	15.880	16.075	14.861	9.252	14.691	7.891	8.153	9.199	11.438
OTU 161	7.493	13.688	14.297	13.328	5.975	12.894	6.067	7.567	6.316	10.136
OTU 163	6.314	13.735	14.305	12.881	6.406	13.257	6.157	7.783	7.107	9.219
OTU 168	7.689	13.542	13.077	11.565	7.905	11.983	3.786	6.681	6.056	11.829
OTU 169	8.256	15.146	15.074	14.283	8.004	14.590	6.280	10.087	9.299	12.543
OTU 173	8.516	12.844	13.238	12.830	6.168	11.777	5.976	9.240	7.110	10.859
OTU 172	16.388	11.276	11.822	11.645	13.934	11.653	16.256	16.840	14.359	17.811
OTU 173	16.426	11.845	12.250	9.309	14.049	11.970	15.793	15.436	14.167	17.052
OTU 174	12.789	9.811	9.192	6.922	9.461	9.636	11.901	12.495	11.284	15.261
OTU 175	11.327	9.472	10.153	7.186	9.110	10.770	11.367	10.331	9.739	13.231
OTU 176	11.050	8.759	10.312	8.181	5.881	9.768	9.837	10.962	8.461	12.971
OTU 178	10.589	12.082	12.780	12.646	7.450	12.620	5.998	10.313	8.981	10.515
OTU 179	8.191	12.931	13.216	10.828	7.485	12.418	7.627	9.123	8.339	11.543
OTU 180	7.073	12.982	14.692	12.552	5.944	12.783	8.105	8.689	7.575	10.118
OTU 184	7.488	11.906	12.428	10.534	5.287	11.336	6.756	8.538	6.886	11.399
OTU 185	9.724	12.562	13.063	11.901	7.805	11.695	7.635	12.133	10.403	13.119

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	OTU 092	OTU 095	OTU 096	OTU 098	OTU 099	OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
OTU 188	7.771	11.369	12.663	10.943	6.190	11.754	6.503	9.160	5.116	11.267
OTU 190	8.077	11.569	12.002	10.937	9.347	11.015	6.769	8.805	6.416	10.855
OTU 192	8.205	11.874	11.879	9.803	6.735	10.807	8.061	10.284	8.441	12.021
OTU 193	8.942	12.235	13.652	12.370	6.372	12.757	9.482	10.184	9.668	11.736
OTU 195	1.407	12.105	12.890	11.301	9.863	11.706	7.161	9.240	7.992	11.403
OTU 198	8.466	12.390	13.897	13.040	4.917	12.389	7.504	9.613	7.016	10.504
OTU 201	9.120	12.361	11.633	12.812	6.861	13.078	7.997	10.834	8.079	12.056
OTU 203	8.840	11.427	12.387	11.344	6.398	10.940	6.982	10.968	6.384	11.862
OTU 204	8.730	12.032	13.100	11.971	5.639	11.071	7.357	10.031	8.541	12.177
OTU 205	10.298	11.937	12.395	11.187	7.221	11.675	8.356	12.012	9.315	11.124
OTU 207	9.012	11.638	12.534	11.457	5.909	11.643	7.910	10.411	7.545	11.134
OTU 208	9.301	10.988	12.616	10.894	6.021	12.165	6.229	10.582	6.263	11.310
OTU 211	11.446	10.744	11.801	10.102	7.529	11.342	10.427	12.386	9.157	12.606
OTU 214	10.895	10.355	9.971	6.934	8.401	9.729	10.761	11.580	10.742	10.855
OTU 215	11.065	9.318	10.860	8.259	8.734	10.434	10.303	12.204	10.338	14.560
OTU 217	11.759	9.142	10.217	7.470	9.197	9.271	11.271	12.919	11.158	14.833
OTU 219	12.151	9.899	10.470	7.264	9.768	9.080	12.029	12.445	10.293	14.752
OTU 222	8.878	14.956	10.561	18.741	11.576	18.564	9.335	7.760	10.591	10.591
OTU 224	7.614	16.317	16.050	15.953	2.398	15.832	7.786	9.389	8.827	10.694
OTU 225	6.571	15.008	15.141	13.435	7.017	13.944	5.245	8.473	7.468	10.118
OTU 226	7.655	15.234	16.239	15.634	7.650	15.066	7.412	10.055	7.324	7.802
OTU 228	10.122	12.755	13.751	12.174	7.372	12.046	8.427	9.732	6.444	8.956
OTU 232	8.685	12.749	13.736	12.820	6.927	12.698	7.264	9.693	7.345	9.480
OTU 233	7.806	16.760	16.923	16.122	9.119	15.680	7.070	9.347	7.870	8.951
OTU 237	8.302	14.261	14.865	13.796	7.654	13.603	6.723	8.892	7.626	9.747
OTU 238	7.505	15.031	15.219	14.085	7.460	14.046	6.695	8.275	7.266	9.469
OTU 240	9.475	14.368	15.324	15.118	8.589	14.589	8.367	9.447	9.111	9.689
OTU 242	8.262	13.966	14.003	12.835	6.810	12.706	6.912	8.270	6.109	8.465
OTU 245	8.896	14.374	15.019	13.455	7.227	13.904	7.278	8.745	7.779	8.893
OTU 250	7.565	14.033	14.703	13.077	7.761	14.390	7.896	9.271	7.530	9.186
OTU 251	7.099	14.163	14.651	13.313	7.302	13.744	7.730	10.024	7.608	9.924
OTU 255	10.012	13.169	13.605	11.882	9.088	12.941	8.256	10.208	8.126	9.654
OTU 257	7.712	12.528	12.956	11.002	6.856	12.229	7.855	9.966	7.667	10.498
OTU 258	7.873	13.001	13.470	12.309	6.275	12.913	7.382	8.111	6.290	8.937
OTU 261	8.779	12.481	13.014	11.835	7.471	11.325	8.380	9.210	6.506	9.450
OTU 263	11.008	13.292	14.145	12.777	8.249	12.371	8.910	10.516	7.213	10.185
OTU 265	6.016	14.784	15.241	14.275	8.026	14.183	7.246	8.903	6.790	8.296
OTU 267	7.393	13.915	14.592	13.152	7.000	13.031	6.347	8.317	6.761	8.797
OTU 269	6.901	14.789	15.488	14.477	7.738	14.182	6.431	8.582	6.875	8.263
OTU 270	8.160	13.992	14.731	13.751	7.943	13.793	7.226	10.732	9.595	11.143
OTU 274	8.166	13.163	13.267	12.312	7.362	12.674	7.462	9.966	7.491	11.690
OTU 275	7.748	14.261	14.350	13.223	7.840	13.413	6.956	9.825	7.885	10.138
OTU 277	6.859	15.097	15.114	14.162	8.886	13.750	9.316	8.157	10.565	10.565
OTU 279	7.888	13.647	14.165	13.032	6.690	13.140	7.245	9.254	6.625	9.861
OTU 280	6.791	16.003	16.120	14.430	8.469	14.287	7.012	8.050	8.625	10.687
OTU 285	6.748	15.079	14.877	13.976	8.326	14.049	6.991	8.745	8.061	9.844
OTU 287	6.732	13.956	14.868	12.883	8.301	14.150	9.139	9.542	7.383	9.260
OTU 290	7.257	12.658	12.895	11.211	5.903	11.153	6.442	8.159	6.092	9.884
OTU 293	9.048	12.410	13.127	11.933	7.196	11.363	9.108	9.306	7.366	11.809
OTU 294	8.480	11.951	13.338	12.244	5.498	12.064	7.223	5.270	6.039	8.958

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CONTINUATION OF
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DTU 299	DTU 092	DTU 095	DTU 096	DTU 098	DTU 099	DTU 101	DTU 103	DTU 105	DTU 107	DTU 109
13.151	11.255	11.275	9.818	10.958	11.383	12.685	14.600	13.185	17.778	
13.329	11.554	11.643	9.849	9.812	9.297	11.535	13.487	11.165	15.383	
13.401	9.538	10.285	7.177	10.617	10.297	12.955	14.023	12.685	16.031	
13.101	11.382	11.321	10.992	7.882	9.806	11.233	12.439	11.598	15.284	
13.475	9.237	11.428	8.080	10.230	12.170	13.723	13.470	11.761	14.970	
13.239	12.144	12.049	8.271	10.861	11.135	12.909	13.009	13.015	17.056	
13.009	11.885	10.785	11.403	8.239	9.200	10.572	11.503	12.600	11.779	
13.112	12.565	10.165	11.019	8.170	9.053	9.999	11.262	11.984	10.693	
13.115	12.749	10.299	10.126	8.269	9.454	9.425	12.640	13.074	11.564	
13.117	12.820	9.874	11.328	8.675	9.199	11.361	12.441	12.880	10.531	
13.123	14.792	13.525	12.674	12.283	10.950	10.179	12.291	15.376	13.124	
13.125	11.954	10.619	11.304	7.376	9.660	11.763	12.096	12.506	11.379	
13.128	12.154	10.972	11.251	9.919	8.580	10.937	10.296	12.211	10.331	
13.129	11.037	9.960	9.868	6.769	7.769	9.784	9.684	10.493	9.729	
13.131	11.913	10.380	10.470	7.267	9.268	10.346	11.271	12.751	11.950	
13.134	12.441	10.911	10.161	6.684	10.097	9.991	12.001	12.556	11.883	
13.135	13.035	11.832	11.497	7.724	11.592	11.931	13.607	13.934	13.339	
13.138	13.266	12.701	11.901	8.447	12.237	12.798	13.480	13.288	13.262	

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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	7.850	6.238	0.000							
OTU 118	8.955	6.892	5.670	0.000						
OTU 120	10.226	10.097	12.199	12.467	0.000					
OTU 121	10.996	10.557	13.399	10.768	0.000	0.000				
OTU 123	15.001	15.528	13.653	10.030	8.919	8.919	0.000			
OTU 124	10.890	10.194	13.342	13.367	7.085	7.338	0.000	0.000		
OTU 125	12.528	11.211	10.946	9.718	8.742	10.762	10.336	8.903	0.000	
OTU 128	10.472	9.706	8.259	6.356	12.454	13.945	12.800	12.341	8.487	0.000
OTU 131	8.624	7.088	6.045	5.438	12.245	14.192	13.932	13.206	10.217	6.968
OTU 133	9.412	8.663	7.271	6.007	10.818	11.744	11.264	10.477	7.095	6.168
OTU 131	8.166	6.180	6.696	5.206	13.423	10.349	10.751	13.511	10.514	6.809
OTU 137	9.113	6.081	5.250	5.471	12.038	13.827	14.174	12.711	9.623	8.019
OTU 139	9.331	7.503	6.531	7.138	15.034	15.633	16.564	15.416	11.783	8.242
OTU 141	9.533	9.176	7.353	5.973	12.777	10.276	13.951	10.202	10.205	8.072
OTU 142	8.873	8.376	7.271	7.066	10.562	12.820	13.343	12.257	8.224	7.194
OTU 144	8.481	8.603	8.021	7.574	13.692	15.101	15.238	13.601	11.122	7.200
OTU 146	9.407	7.906	7.071	6.633	10.621	12.938	12.787	12.851	9.792	10.171
OTU 148	8.977	8.499	6.066	7.419	11.288	12.923	11.571	11.482	7.946	5.199
OTU 150	9.123	8.127	6.074	6.722	11.182	13.039	13.488	12.880	9.056	8.903
OTU 154	11.331	10.370	9.826	7.350	11.368	13.084	12.091	11.632	7.857	5.327
OTU 156	9.248	8.982	9.167	7.353	14.613	15.387	16.745	14.407	11.661	8.070
OTU 157	9.817	8.397	7.852	5.842	12.174	14.067	14.045	12.416	9.057	8.211
OTU 160	11.427	9.530	9.101	6.521	14.352	15.266	16.542	14.699	10.152	7.808
OTU 161	9.844	7.763	7.470	5.590	12.580	14.431	14.855	12.951	8.407	6.502
OTU 163	9.348	8.307	6.938	5.951	12.786	14.362	10.673	13.770	9.721	7.538
OTU 168	10.806	10.301	9.380	7.001	11.797	10.026	14.355	12.257	8.271	7.806
OTU 169	11.219	9.582	9.609	6.467	14.559	15.915	15.477	15.099	9.769	6.203
OTU 170	9.074	8.901	7.498	6.200	12.093	13.776	13.407	12.460	9.374	9.226
OTU 172	16.163	16.253	10.291	10.745	11.319	10.287	13.101	10.413	13.608	16.300
OTU 173	17.686	17.477	15.144	10.559	10.053	11.983	11.690	12.017	12.017	16.014
OTU 174	13.669	13.622	11.658	10.397	7.458	9.914	10.285	9.383	7.233	10.452
OTU 176	12.691	12.888	11.117	10.298	8.255	9.118	9.279	8.279	6.871	9.563
OTU 176	11.076	10.862	9.186	9.180	8.399	10.794	9.877	9.220	6.814	8.620
OTU 178	9.745	9.512	8.677	8.937	11.505	13.572	13.875	13.875	10.085	9.866
OTU 180	11.501	10.266	9.198	7.057	11.578	10.103	13.921	12.678	8.348	8.500
OTU 180	9.371	9.181	5.755	7.204	11.779	13.096	12.466	13.078	10.104	8.649
OTU 184	10.094	8.759	8.468	6.566	10.785	12.132	11.865	11.089	6.126	5.633
OTU 185	9.641	10.025	9.178	7.402	11.831	12.991	13.240	12.552	10.073	9.032
OTU 188	9.674	8.805	7.346	6.671	11.080	12.557	11.963	11.738	8.061	6.745
OTU 189	9.095	9.269	7.502	5.913	10.535	12.624	12.195	11.482	7.944	5.418
OTU 192	10.366	9.695	9.127	7.338	10.182	12.189	12.876	11.283	7.256	8.251
OTU 193	9.876	9.792	8.293	8.008	12.115	13.793	13.225	13.458	9.367	6.692
OTU 195	8.633	8.001	6.971	6.318	11.357	12.718	11.650	11.773	7.837	6.367
OTU 198	7.702	6.873	6.062	7.387	11.931	13.234	12.175	12.204	9.460	7.439
OTU 201	10.596	9.723	8.632	7.751	12.707	14.497	12.806	13.291	9.377	6.432
OTU 203	9.306	9.560	8.176	7.766	11.049	12.306	12.360	11.663	8.312	6.978
OTU 204	9.277	7.441	7.606	7.251	11.778	12.745	11.755	11.704	7.462	6.391
OTU 205	10.606	10.688	9.322	8.678	11.350	12.927	12.114	12.730	9.378	6.534

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CONTINUATION OF
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	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	6.882	11.126	12.902	12.230	11.905	8.746	7.215
OTU 208	10.127	9.695	8.342	8.177	11.190	12.528	12.136	11.970	8.857	7.997
OTU 211	10.395	11.290	9.468	9.639	9.761	13.129	11.327	11.336	9.902	10.169
OTU 214	12.212	12.085	10.913	9.644	8.839	10.237	8.679	9.403	6.019	8.805
OTU 215	12.003	12.013	10.934	10.588	9.762	11.476	9.751	10.117	7.032	8.860
OTU 17	12.761	12.645	11.530	11.041	8.372	10.289	10.510	9.167	7.126	10.960
OTU 219	13.585	13.011	11.845	11.385	8.609	10.301	9.566	8.023	6.538	11.582
OTU 222	10.186	9.906	9.710	9.113	10.216	12.730	12.605	12.796	13.133	10.178
OTU 223	10.237	9.281	8.846	7.718	15.541	16.605	16.282	16.004	12.417	8.552
OTU 224	9.211	7.709	8.017	5.875	13.722	15.146	15.065	13.603	9.185	6.582
OTU 226	8.152	6.973	6.946	7.170	14.497	15.737	16.151	14.818	12.147	9.405
OTU 228	9.190	10.067	8.162	7.732	10.896	13.650	13.746	12.627	10.136	9.585
OTU 232	7.559	8.270	7.786	7.735	11.785	13.699	13.626	12.053	9.702	8.292
OTU 233	7.6	8.800	9.005	6.755	15.741	16.953	17.522	12.457	12.437	8.729
OTU 237	89	9.009	8.412	7.082	13.266	15.147	15.099	14.121	10.160	7.360
OTU 238	13	7.557	7.925	7.101	13.809	16.921	15.759	14.017	9.768	7.959
OTU 240	.81	9.832	8.622	8.917	13.608	15.654	14.454	14.507	11.534	8.588
OTU 242	300	7.555	6.818	6.978	11.971	13.694	14.131	12.940	9.483	8.283
OTU 243	520	7.895	6.780	5.598	12.563	14.454	15.483	14.263	10.807	8.673
OTU 250	1.291	9.509	8.446	7.352	13.238	15.367	15.813	14.822	10.836	8.953
OTU 253	8.905	8.981	8.117	7.192	13.260	14.840	15.472	14.789	10.862	9.264
OTU 255	10.206	11.774	9.638	9.220	11.353	14.381	14.851	13.062	10.445	10.471
OTU 257	9.747	9.142	8.577	6.888	11.416	13.397	14.055	12.493	8.712	9.083
OTU 258	9.041	8.617	7.513	6.306	11.611	13.553	13.520	12.297	9.050	7.996
OTU 261	9.500	9.605	8.199	7.298	10.688	12.897	13.040	11.885	9.676	9.518
OTU 263	10.360	10.142	9.268	8.896	11.665	14.157	13.835	12.564	10.445	10.726
OTU 265	8.496	7.888	7.665	6.427	15.045	16.131	16.131	14.214	11.117	9.058
OTU 267	8.169	7.078	7.068	6.765	12.162	14.249	13.498	12.403	9.727	8.395
OTU 269	8.474	7.478	7.171	6.347	13.696	15.136	15.814	14.171	10.905	8.363
OTU 271	9.904	8.476	9.255	7.434	13.777	14.869	15.521	13.923	9.170	8.766
OTU 274	9.553	8.573	8.466	7.082	12.250	13.614	13.817	12.162	8.700	8.132
OTU 275	9.674	9.194	8.808	7.451	13.079	14.731	14.659	14.025	9.763	8.828
OTU 276	10.278	8.940	8.619	6.476	13.625	15.154	16.179	14.046	10.535	8.348
OTU 279	8.996	8.323	7.881	7.034	12.992	14.605	15.291	12.916	8.944	8.281
OTU 284	9.358	7.785	8.455	7.672	13.456	15.059	15.291	14.387	10.235	8.457
OTU 285	10.073	8.790	8.708	6.903	13.569	15.205	15.548	14.771	9.482	7.388
OTU 287	9.994	9.803	8.692	7.973	12.944	15.146	15.755	13.527	10.398	10.280
OTU 290	8.248	7.565	7.550	6.000	10.723	12.884	12.839	11.281	7.688	6.916
OTU 293	10.031	10.180	8.435	8.032	11.126	13.627	11.879	11.788	8.105	6.913
OTU 294	8.444	7.869	7.493	7.078	11.240	13.269	13.269	12.025	8.235	8.015
OTU 296	15.238	14.404	13.696	12.626	10.547	12.759	11.431	11.348	8.226	11.005
OTU 300	11.486	12.091	11.421	11.190	8.662	10.670	10.731	10.293	8.576	11.004
OTU 302	13.948	13.560	12.570	12.725	8.808	10.517	11.218	10.095	8.750	13.040
OTU 303	12.780	12.022	11.851	10.716	9.846	11.877	12.416	11.682	10.877	10.877
OTU 304	14.693	14.521	12.345	12.754	8.879	12.278	11.008	11.721	10.023	13.282
OTU 307	14.978	13.833	13.052	12.659	9.970	11.269	8.837	10.893	7.988	12.305
OTU 309	12.889	12.722	11.087	10.830	9.219	11.339	9.434	10.166	7.747	10.211
OTU 312	12.883	12.391	10.837	10.799	8.192	10.202	8.092	10.112	7.363	10.625
OTU 315	12.245	12.830	12.513	11.201	8.675	11.189	11.094	10.359	7.552	11.331
OTU 317	12.227	12.397	11.110	11.357	8.490	12.065	11.857	10.634	8.853	12.266

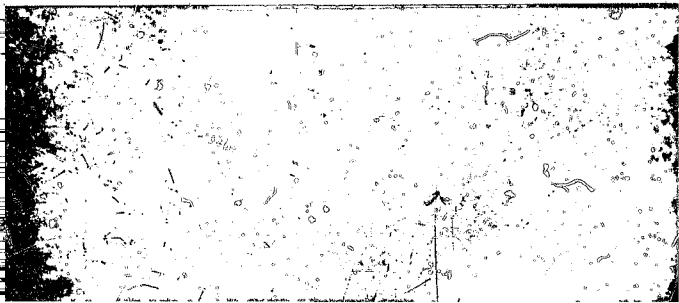
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OTU 323	OTU 111	OTU 113	OTU 117	OTU 118	OTU 120	OTU 121	OTU 123	OTU 124	OTU 126	OTU 128
12.493	12.493	13.322	12.219	13.245	10.585	12.473	11.044	11.004	11.026	13.142
OTU 325	13.178	13.214	11.782	11.857	9.101	11.971	11.052	11.135	7.927	11.944
OTU 326	10.860	11.009	10.753	10.684	10.042	11.709	10.568	10.933	7.714	9.872
OTU 329	11.742	11.364	10.111	9.461	8.335	10.774	9.019	9.383	6.110	9.106
OTU 331	12.106	13.027	11.511	11.071	9.190	10.989	9.574	10.211	6.721	10.461
OTU 334	13.134	12.942	12.219	11.335	8.746	10.346	9.599	10.150	6.250	11.227
OTU 335	15.161	14.892	14.292	12.970	10.734	12.715	11.503	12.378	8.025	13.077
OTU 338	14.669	15.456	14.188	12.403	11.020	13.182	13.917	12.994	6.898	13.165



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	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 131	0.000	0.000								
OTU 132	7.495	0.000								
OTU 134	7.003	6.816	0.000							
OTU 137	6.364	7.183	5.998	0.000						
OTU 139	8.273	6.787	6.930	7.515	0.000					
OTU 141	7.464	8.364	7.378	7.302	8.531	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	7.687	8.348	7.937	0.000		
OTU 146	7.578	8.954	8.999	7.125	11.156	9.287	7.491	9.371	0.000	
OTU 148	6.755	6.192	6.859	7.918	8.316	8.401	6.300	6.831	6.768	0.000
OTU 150	8.294	7.448	7.636	6.889	8.957	7.087	5.588	8.303	6.996	8.144
OTU 154	8.628	5.239	7.142	8.674	8.455	9.365	6.930	8.076	10.134	6.084
OTU 156	8.218	9.101	7.258	8.506	6.631	9.217	7.473	7.718	11.191	8.387
OTU 157	8.222	6.940	6.965	6.311	9.393	8.343	7.059	8.426	8.159	7.932
OTU 160	8.738	8.364	7.488	8.059	7.233	8.485	8.166	9.729	12.107	9.336
OTU 161	6.807	6.404	6.918	6.219	7.438	8.704	6.111	7.884	9.509	7.098
OTU 163	7.653	7.511	6.852	6.728	6.396	6.132	6.469	7.899	9.923	7.784
OTU 169	9.220	7.222	7.421	7.720	8.042	7.954	5.674	8.068	10.326	7.272
OTU 169	7.026	8.238	7.007	8.781	7.575	8.253	6.230	8.732	11.380	7.497
OTU 170	5.930	6.996	6.523	7.388	7.660	7.276	6.878	7.041	9.629	6.400
OTU 172	15.662	12.965	15.526	15.721	17.472	16.011	16.770	16.841	15.633	15.439
OTU 173	15.583	13.087	16.388	15.135	17.803	14.608	13.976	16.829	16.377	15.829
OTU 174	10.951	8.407	11.922	11.787	13.483	11.159	9.920	12.735	11.421	9.882
OTU 175	10.629	7.627	10.491	10.075	12.096	9.925	9.182	11.354	10.345	9.323
OTU 176	8.658	6.781	10.536	9.576	12.170	10.255	8.667	10.444	8.984	7.257
OTU 178	8.075	8.205	9.534	8.745	9.847	8.966	8.882	9.885	8.596	9.147
OTU 179	9.031	7.552	8.764	7.934	9.132	8.178	6.815	9.927	7.799	8.098
OTU 180	7.897	7.088	8.720	7.206	10.220	6.954	7.699	6.558	6.762	7.995
OTU 184	7.233	5.197	7.594	6.799	9.129	8.046	6.149	7.772	7.991	5.125
OTU 185	8.061	8.871	9.201	9.585	9.509	8.991	7.667	9.067	9.678	6.971
OTU 188	7.135	5.752	7.100	7.368	7.964	6.558	6.568	6.027	9.268	5.797
OTU 190	5.903	5.287	7.026	7.228	6.716	7.707	5.734	5.770	8.313	5.229
OTU 192	7.546	7.089	8.087	8.296	9.192	7.707	6.918	8.796	9.102	6.871
OTU 193	6.835	7.927	8.548	8.755	9.410	7.728	7.820	7.970	9.783	6.359
OTU 195	7.179	6.244	6.354	6.955	7.950	6.782	7.270	7.510	8.542	5.678
OTU 196	6.512	6.114	6.687	6.942	8.490	6.469	6.477	6.582	7.480	5.557
OTU 201	6.475	7.216	0.030	0.350	0.785	7.853	8.708	8.068	9.927	7.058
OTU 203	7.023	6.844	7.645	8.033	8.690	7.937	6.789	8.028	9.227	6.362
OTU 204	6.505	5.896	7.084	6.216	8.811	8.527	7.183	8.704	8.510	5.153
OTU 205	7.983	7.722	9.358	9.346	9.828	8.260	8.371	8.817	9.461	7.009
OTU 207	6.183	6.405	7.172	8.287	6.506	7.106	7.833	7.663	9.506	6.718
OTU 208	7.112	7.109	8.461	7.809	10.055	8.459	7.860	8.040	8.636	6.828
OTU 211	9.214	9.015	9.947	10.054	12.226	9.477	9.191	9.970	9.637	8.319
OTU 218	10.154	9.031	10.365	10.787	12.899	9.289	9.381	11.365	10.388	7.669
OTU 219	10.866	7.609	10.773	11.837	12.673	10.327	9.210	11.425	10.975	8.034
OTU 217	11.019	8.301	11.832	11.527	13.413	11.901	9.508	11.977	10.088	10.348
OTU 219	12.095	8.293	12.478	11.483	15.565	11.563	10.718	12.960	10.453	10.669
OTU 222	10.264	11.191	8.384	10.477	7.977	10.373	11.438	9.717	13.272	11.691
OTU 223	9.075	9.080	7.221	8.847	6.893	9.097	8.703	11.688	9.140	7.140
OTU 224	7.172	7.216	6.650	7.482	7.780	7.695	7.468	7.698	9.413	7.456

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CONTINUATION OF

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	OTU 131	OTU 133	OTU 134	OTU 137	OTU 139	OTU 141	OTU 142	OTU 144	OTU 146	OTU 148
OTU 226	6.696	8.955	6.591	7.761	7.698	8.409	8.735	7.185	9.151	9.131
OTU 228	7.566	8.758	8.940	8.004	10.636	8.082	7.689	6.306	9.557	9.214
OTU 232	6.726	8.029	6.938	7.430	8.352	7.697	6.715	6.431	7.256	7.418
OTU 233	8.410	9.394	6.560	7.541	7.463	8.175	9.185	7.473	11.093	9.904
OTU 237	6.995	7.893	7.482	7.949	7.513	7.600	7.815	7.111	9.887	8.313
OTU 238	7.152	8.162	5.855	6.516	7.116	7.924	6.486	5.740	8.119	7.083
OTU 240	7.993	9.160	7.947	8.976	9.405	7.687	8.315	5.857	8.868	7.731
OTU 242	7.306	7.570	6.786	6.217	8.007	7.147	6.825	6.653	7.275	7.909
OTU 243	6.295	8.192	6.801	7.074	7.888	6.777	7.754	7.960	8.857	8.440
OTU 250	7.679	8.968	7.770	8.317	8.137	6.732	7.284	7.130	9.760	8.369
OTU 253	7.845	8.586	7.732	8.359	8.228	7.135	7.218	7.292	9.076	8.156
OTU 255	9.519	10.221	10.035	8.969	11.103	8.415	8.152	8.596	9.166	10.071
OTU 257	6.371	7.867	8.383	7.862	9.152	6.665	7.134	6.609	8.634	7.855
OTU 258	7.104	6.992	6.333	7.913	6.423	7.913	6.966	6.577	8.192	8.068
OTU 261	6.217	7.916	8.193	6.706	5.663	7.351	7.399	7.922	8.229	7.189
OTU 263	8.691	9.829	9.709	8.161	11.471	9.406	8.918	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	7.950	6.453	5.911	7.723	6.786	6.181	6.030	10.030	7.631
OTU 269	6.910	7.563	5.349	6.101	6.456	6.759	7.071	6.309	8.396	8.268
OTU 271	7.816	6.353	7.364	8.249	8.360	8.944	6.413	7.960	8.729	7.645
OTU 274	7.883	6.481	6.787	7.273	8.702	8.006	7.182	7.003	8.097	7.315
OTU 275	7.682	8.311	7.697	8.039	8.159	7.045	7.193	6.837	7.971	8.326
OTU 277	8.039	8.579	7.599	7.397	7.756	8.568	6.503	8.147	9.608	8.790
OTU 279	7.587	7.070	7.169	6.682	6.697	8.196	7.419	6.882	7.897	7.429
OTU 284	8.666	8.382	7.095	7.109	7.028	8.230	6.036	7.538	7.750	7.708
OTU 285	8.138	8.379	6.301	7.106	6.311	7.230	6.150	7.406	9.957	8.147
OTU 287	9.099	9.445	8.816	8.377	1.410	8.944	8.057	6.343	8.707	9.885
OTU 290	6.623	5.930	6.338	6.304	8.280	7.384	5.599	6.551	6.675	5.123
OTU 293	6.090	6.576	7.196	7.837	9.756	7.067	7.594	7.270	9.588	7.160
OTU 294	5.524	7.415	7.947	6.235	9.557	7.311	7.075	6.600	6.634	7.137
OTU 299	12.365	9.462	12.440	13.139	13.933	13.037	10.821	13.020	12.273	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	12.899	10.091	11.012	12.759	16.643	12.422	10.400	13.950	11.235	10.840
OTU 303	12.071	8.742	10.483	11.432	12.484	10.913	9.210	12.770	11.045	8.599
OTU 304	12.687	10.551	13.688	12.663	15.462	12.493	13.494	10.447	11.612	10.417
OTU 307	13.255	9.710	13.225	12.454	14.960	12.143	13.306	13.986	10.613	10.701
OTU 309	11.416	8.344	11.996	11.031	13.339	20.716	10.039	12.635	10.000	9.433
OTU 312	11.640	7.352	11.337	11.072	13.195	11.099	9.694	12.732	9.524	9.457
OTU 315	11.611	8.660	11.395	12.057	13.058	11.890	10.194	12.471	11.042	9.711
OTU 317	11.436	9.867	12.163	11.341	16.467	12.710	8.879	12.793	8.984	10.460
OTU 323	12.712	11.268	13.379	13.138	16.754	13.625	11.862	13.858	11.177	10.933
OTU 325	12.411	9.928	12.157	12.118	13.791	11.385	9.520	12.703	10.434	9.986
OTU 328	10.001	8.511	10.255	10.640	11.984	10.364	8.201	10.814	9.526	7.502
OTU 329	10.108	6.855	10.158	10.193	11.683	10.052	7.885	11.077	9.287	7.553
OTU 331	11.704	8.046	11.518	11.812	12.931	10.644	9.463	12.518	10.960	8.519
OTU 334	12.371	8.707	11.569	11.801	13.204	10.895	8.691	13.066	11.061	9.661
OTU 335	14.416	10.398	13.383	13.717	14.400	12.124	11.287	14.785	13.155	11.705
OTU 338	14.113	10.692	13.751	13.745	14.395	12.316	11.430	14.702	13.744	12.359

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	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	8.767	0.000								
OTU 156	9.146	9.021	0.000							
OTU 157	7.044	7.493	3.388	0.000						
OTU 160	9.551	9.026	7.131	8.938	0.000					
OTU 161	7.697	6.932	7.217	6.720	6.076	0.000				
OTU 163	6.391	8.316	7.652	8.083	7.341	5.754	0.000			
OTU 168	6.989	6.275	7.487	6.173	7.834	5.481	0.000	0.000		
OTU 169	9.932	7.303	7.780	8.473	6.570	6.526	7.128	7.875	0.000	
OTU 170	8.061	6.371	7.193	7.092	8.208	5.177	5.551	6.719	6.606	0.000
OTU 172	13.316	14.795	16.307	16.589	16.047	15.423	15.522	14.964	17.194	15.542
OTU 173	12.392	14.186	16.693	13.571	14.015	15.111	14.750	13.585	16.558	15.168
OTU 174	10.692	9.361	12.578	10.230	11.650	10.602	11.112	9.919	11.229	10.378
OTU 175	9.652	8.330	12.421	9.157	12.119	10.296	10.164	9.750	10.578	9.528
OTU 176	8.625	8.693	11.714	8.834	11.272	8.703	9.149	9.189	10.551	8.648
OTU 177	9.085	9.675	11.260	10.065	11.200	8.694	7.639	10.171	9.787	7.820
OTU 179	4.732	7.617	9.268	6.359	8.881	6.694	5.580	4.644	6.286	7.155
OTU 180	6.315	9.460	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	5.585	6.682	5.935	7.545	6.275
OTU 185	8.001	9.335	8.546	10.092	11.160	9.861	7.842	8.328	9.209	7.984
OTU 188	6.574	7.113	7.677	7.974	8.014	7.203	6.423	6.916	7.547	6.164
OTU 190	7.319	5.296	7.366	6.317	8.691	5.640	6.503	6.130	6.921	4.404
OTU 192	7.346	7.676	8.196	7.014	8.948	7.725	6.768	5.279	7.947	7.396
OTU 193	6.805	8.501	9.207	9.635	9.343	7.928	6.651	8.483	7.381	5.917
OTU 195	6.815	6.943	8.935	7.487	8.345	7.354	6.730	7.372	7.318	6.879
OTU 198	7.475	8.234	8.917	7.808	10.096	7.383	7.620	9.022	8.892	7.604
OTU 201	9.024	7.750	9.654	9.316	9.650	7.964	6.852	8.880	7.240	5.667
OTU 203	7.493	7.334	8.061	8.937	9.804	7.847	6.855	7.558	6.497	5.924
OTU 204	8.301	7.332	8.855	8.405	8.663	7.804	6.940	8.893	7.660	6.758
OTU 209	8.433	8.244	9.944	9.292	11.173	9.373	7.791	8.863	9.202	7.163
OTU 207	7.737	7.774	8.610	8.039	8.861	7.167	6.059	7.757	7.583	5.665
OTU 208	7.138	8.164	9.922	8.353	10.428	7.643	6.961	8.182	6.703	6.871
OTU 211	8.305	10.027	11.781	8.461	13.254	10.683	9.420	8.876	11.541	9.444
OTU 214	9.355	10.049	11.992	9.213	11.471	10.586	10.024	8.704	10.191	7.909
OTU 215	9.506	8.393	11.794	10.404	12.235	10.569	10.375	9.581	10.819	9.032
OTU 217	9.088	9.698	12.257	10.810	12.499	10.951	11.166	10.036	12.023	9.523
OTU 219	9.563	10.176	11.947	10.577	13.177	11.593	11.961	10.393	13.207	9.523
OTU 222	10.776	12.007	10.514	11.796	9.918	10.126	9.092	11.263	10.192	9.192
OTU 223	9.245	9.298	7.690	9.474	7.902	7.339	6.428	8.641	7.763	7.163
OTU 224	7.966	7.742	7.604	6.931	9.781	9.781	8.107	7.198	6.749	6.749
OTU 226	8.316	10.597	8.472	9.029	10.847	8.437	7.048	8.806	9.274	7.469
OTU 228	6.969	9.316	9.524	7.114	10.907	8.419	8.037	8.023	10.747	7.469
OTU 232	8.182	8.232	8.741	7.962	10.156	8.008	7.011	8.159	9.036	6.488
OTU 233	9.037	9.540	6.730	7.445	8.168	7.636	7.329	8.192	7.467	7.326
OTU 237	8.901	8.046	8.068	8.763	8.156	6.350	5.858	7.779	7.561	5.713
OTU 238	7.459	8.516	7.118	8.840	8.351	6.857	7.346	7.377	7.688	7.364
OTU 240	8.020	9.369	9.800	9.287	11.571	9.474	8.297	9.432	10.320	7.933
OTU 242	5.241	8.297	8.152	6.562	9.160	7.101	6.748	7.253	9.537	7.714
OTU 245	6.578	9.348	8.005	7.173	7.619	7.195	5.660	7.705	7.625	6.669
OTU 250	6.469	9.548	8.261	8.909	9.179	7.801	5.605	7.265	8.303	7.287

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	OTU 150	OTU 151	OTU 156	OTU 157	OTU 160	OTU 161	OTU 163	OTU 168	OTU 169	OTU 170
OTU 253	6.309	6.055	8.284	8.770	9.533	7.672	9.672	7.387	8.551	7.086
OTU 255	6.800	10.380	10.490	8.737	11.601	2.916	8.900	7.693	11.576	8.819
OTU 257	5.961	8.651	9.144	7.512	9.433	7.742	6.396	6.420	8.571	7.275
OTU 258	6.269	7.696	8.473	6.149	8.466	6.805	6.108	6.853	8.260	6.714
OTU 261	6.684	8.714	9.107	6.539	9.748	8.006	6.996	6.627	10.132	7.697
OTU 263	7.991	7.781	10.310	6.587	11.982	9.194	9.035	8.801	11.298	8.751
OTU 265	6.256	8.867	7.690	7.759	8.697	7.540	6.551	7.478	8.700	7.585
OTU 267	5.418	6.380	8.097	6.622	9.004	7.299	6.315	6.904	8.209	6.922
OTU 269	6.998	6.587	7.381	7.575	8.428	7.640	6.728	7.998	8.289	6.981
OTU 271	7.000	8.227	7.530	7.385	9.098	7.140	7.632	7.321	7.591	7.843
OTU 274	6.622	8.876	8.198	8.202	8.992	7.608	8.073	7.085	8.268	7.399
OTU 275	6.392	8.398	8.780	8.507	9.710	7.311	7.129	7.831	8.580	7.571
OTU 277	7.118	8.386	6.210	6.924	7.808	6.753	6.635	6.7	7.694	6.795
OTU 279	6.956	8.475	8.093	2.914	9.538	6.900	7.334	7.334	8.272	7.680
OTU 284	7.314	5.616	8.832	8.018	8.893	8.382	8.454	7.515	9.076	9.170
OTU 285	7.186	7.731	7.495	7.523	7.657	6.541	5.012	5.734	7.425	5.970
OTU 287	5.844	10.421	9.969	6.954	10.363	8.467	8.257	7.319	10.383	9.665
OTU 290	5.702	10.461	7.512	8.356	8.779	6.271	6.706	5.490	8.000	6.024
OTU 293	7.755	6.303	9.775	6.856	10.222	7.834	7.910	6.918	9.034	6.657
OTU 294	4.770	6.424	9.081	8.900	9.989	6.986	7.237	7.826	8.925	6.626
OTU 299	11.740	6.001	13.215	11.702	13.563	11.834	12.469	10.332	11.618	11.320
OTU 300	10.233	10.057	12.269	10.136	13.078	11.560	12.541	10.990	12.402	10.970
OTU 302	9.791	11.546	13.916	12.175	14.135	12.834	12.201	11.495	14.028	12.519
OTU 303	9.314	9.477	12.384	9.566	12.116	11.219	11.018	8.905	11.278	11.269
OTU 304	9.918	11.646	12.445	11.708	15.476	12.820	11.987	11.499	14.336	12.767
OTU 307	10.816	10.539	15.050	11.087	14.412	13.123	13.010	11.257	13.568	13.031
OTU 309	9.366	10.008	13.256	9.927	12.879	11.638	10.915	9.643	12.181	10.871
OTU 312	9.749	8.986	13.319	9.987	13.089	11.026	11.394	10.786	12.263	10.746
OTU 315	10.575	9.202	12.696	9.971	12.118	10.960	11.193	9.406	11.408	10.752
OTU 317	8.657	11.393	13.855	9.713	14.123	11.396	11.892	10.740	13.074	11.840
OTU 323	11.410	12.621	13.752	12.656	19.266	13.286	13.727	12.857	15.068	12.871
OTU 325	8.929	10.833	13.484	10.445	13.717	11.776	11.232	9.977	12.960	11.934
OTU 326	9.789	9.374	11.977	10.206	12.416	10.305	11.132	10.654	11.503	10.122
OTU 329	7.750	7.524	11.623	8.363	11.576	9.168	9.370	8.276	10.746	9.039
OTU 331	9.084	8.869	12.209	10.261	12.458	11.010	10.747	9.344	11.537	10.739
OTU 334	9.777	9.641	13.005	10.831	12.672	11.639	11.609	9.789	12.166	11.248
OTU 335	10.985	10.869	14.762	12.004	13.499	12.781	12.954	10.483	13.158	12.889
OTU 338	12.913	11.605	14.148	11.664	13.021	12.062	11.597	9.99	12.992	12.499

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	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	12.094	11.463	6.512	6.669	0.000					
OTU 178	16.360	14.847	10.532	9.247	8.020	0.000				
OTU 179	18.364	12.245	9.282	9.226	7.817	6.650	0.000			
OTU 180	18.951	14.093	10.943	9.652	8.341	6.562	6.561	0.000		
OTU 184	15.031	13.905	9.018	7.868	6.302	6.169	5.815	7.836	0.000	
OTU 185	16.641	14.717	10.427	10.289	8.680	9.437	6.516	6.116	8.190	0.000
OTU 188	13.836	13.444	8.468	7.903	7.523	6.142	7.043	7.033	5.783	5.532
OTU 190	14.167	13.274	8.171	7.330	6.597	7.503	6.569	7.472	4.724	7.369
OTU 192	13.623	12.441	7.720	8.140	7.194	8.806	8.356	8.280	6.000	6.511
OTU 193	16.512	15.883	10.276	9.476	7.543	7.042	8.218	7.762	6.793	7.149
OTU 195	14.184	14.206	9.088	8.774	7.140	7.295	7.596	6.614	6.325	6.89
OTU 198	15.805	15.634	11.001	9.678	7.322	7.431	7.095	6.484	6.295	8.201
OTU 201	16.068	15.209	10.206	9.193	8.093	6.921	7.860	6.320	6.321	7.897
OTU 203	16.057	15.427	8.895	8.226	7.151	7.966	7.605	7.675	6.652	5.366
OTU 204	16.403	15.358	9.731	9.054	7.254	8.439	8.822	8.078	6.160	7.422
OTU 205	14.857	13.777	8.967	8.996	7.364	7.462	8.182	7.925	7.132	5.690
OTU 207	15.626	13.801	8.595	8.163	6.837	6.849	7.139	8.027	6.408	7.600
OTU 208	14.474	13.481	9.243	8.224	5.684	7.068	6.691	7.394	5.635	7.591
OTU 211	14.036	12.860	9.091	8.321	6.893	9.140	8.151	8.686	7.738	8.822
OTU 214	12.480	11.347	6.182	5.701	6.473	10.216	8.563	9.153	7.036	8.725
OTU 215	12.564	12.005	7.410	5.734	6.899	10.635	9.580	9.521	7.788	8.269
OTU 217	10.716	9.321	5.843	6.834	6.234	10.523	9.386	9.876	8.478	8.380
OTU 219	10.779	8.443	7.590	7.251	7.313	11.505	9.677	10.171	8.768	10.750
OTU 222	19.680	20.130	16.048	15.128	14.446	11.612	12.056	11.619	11.695	12.959
OTU 224	17.777	17.573	13.184	12.431	11.831	9.985	9.931	10.191	8.632	10.417
OTU 226	16.101	15.941	11.519	10.206	9.374	9.511	7.156	8.482	5.891	8.893
OTU 228	16.632	16.731	12.428	11.594	10.726	8.762	9.508	8.536	8.952	9.790
OTU 230	16.500	12.103	10.504	9.163	8.586	7.986	8.374	8.095	7.986	8.005
OTU 232	15.720	14.387	10.893	8.766	8.628	6.838	8.199	7.707	6.885	7.719
OTU 233	17.674	16.997	13.604	11.416	12.300	10.940	8.871	10.182	8.997	10.599
OTU 237	15.795	15.411	11.630	10.217	9.776	7.319	7.632	9.204	7.122	9.682
OTU 238	17.091	16.304	12.231	10.130	10.184	9.144	8.760	8.333	8.968	9.352
OTU 240	17.671	16.295	12.911	10.011	10.311	8.893	10.261	8.237	7.948	9.428
OTU 242	15.191	14.055	11.432	9.949	9.069	8.470	7.678	7.701	6.869	9.281
OTU 245	15.132	14.363	10.699	10.764	9.224	7.854	7.075	7.867	7.897	8.673
OTU 250	15.994	13.666	10.489	10.101	8.252	7.400	6.808	7.582	6.284	7.882
OTU 253	15.445	14.810	11.648	10.829	9.924	8.209	7.253	7.181	7.563	7.533
OTU 255	15.353	12.632	11.337	10.217	9.734	9.383	7.608	8.753	8.562	9.556
OTU 257	12.901	12.704	8.828	9.593	8.508	8.551	6.241	7.569	6.900	8.000
OTU 258	14.725	13.076	10.159	8.321	8.613	7.476	6.803	7.589	6.408	9.234
OTU 261	13.549	11.649	10.122	9.352	9.065	8.418	6.719	7.755	7.442	8.970
OTU 263	12.974	12.446	11.012	9.461	9.134	8.839	7.790	6.907	8.230	10.343
OTU 265	15.295	14.850	12.177	10.737	10.616	9.240	8.078	7.629	8.201	8.876
OTU 267	15.722	14.511	11.791	10.192	9.648	7.904	7.380	7.091	6.637	8.108
OTU 269	16.007	12.317	12.516	10.227	10.853	8.796	8.493	7.634	7.880	8.666
OTU 271	15.619	16.826	11.005	10.512	9.765	9.201	7.294	8.766	6.951	7.625

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OTU	172	173	174	175	176	178	179	180	184	185
OTU 274	13.860	13.265	10.276	9.380	9.271	9.321	7.637	7.252	6.269	8.015
OTU 275	15.894	14.546	11.629	10.001	10.589	8.848	8.200	7.137	7.228	8.536
OTU 277	15.198	14.838	11.607	11.457	10.721	10.076	6.609	8.086	7.612	8.525
OTU 279	15.894	14.282	10.928	9.901	8.813	9.135	7.521	7.978	6.023	9.137
OTU 284	17.512	16.899	13.119	11.577	11.700	10.405	9.330	7.976	7.461	9.618
OTU 285	16.999	15.572	12.262	10.821	10.569	8.956	6.471	8.970	6.826	9.022
OTU 287	15.811	13.633	11.385	10.681	9.694	10.001	7.737	8.811	7.984	10.649
OTU 290	14.364	13.290	9.829	8.388	7.277	7.877	6.076	7.281	6.123	7.666
OTU 292	15.500	14.062	10.366	7.890	8.782	8.896	7.736	8.041	5.408	9.180
OTU 294	15.578	14.198	10.790	8.979	7.996	7.184	7.487	7.237	5.132	8.253
OTU 299	15.963	11.759	7.574	8.025	8.932	12.165	9.976	12.159	9.113	10.370
OTU 300	12.483	11.869	8.230	8.582	8.740	11.227	11.238	10.865	9.973	9.831
OTU 302	10.679	9.057	8.376	8.068	8.620	11.259	10.753	10.900	10.437	9.461
OTU 303	12.505	12.030	7.873	7.772	8.487	11.577	8.692	10.896	8.401	9.402
OTU 304	12.758	9.746	8.205	7.630	7.616	10.420	9.910	9.925	9.997	11.310
OTU 307	13.657	11.435	8.355	8.014	8.194	12.633	11.011	10.666	9.469	11.400
OTU 309	12.395	11.139	7.052	7.841	7.262	10.773	9.024	9.088	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	12.376	11.641	6.874	7.666	7.579	9.798	8.963	11.363	8.641	10.320
OTU 317	12.131	10.899	7.881	8.575	7.300	10.518	9.686	10.132	9.072	10.679
OTU 323	14.046	14.390	11.510	12.061	10.787	13.097	13.255	12.451	11.317	10.891
OTU 325	12.617	10.667	7.902	7.088	7.475	11.330	9.377	9.882	8.928	9.560
OTU 328	14.198	13.720	8.806	7.532	7.822	10.228	11.108	10.405	8.005	9.130
OTU 329	11.828	10.679	6.478	5.785	7.784	9.715	7.759	9.164	6.014	8.894
OTU 331	11.610	10.392	6.213	6.575	7.054	11.135	9.200	9.988	8.192	8.958
OTU 334	12.216	11.044	6.962	6.880	8.182	11.682	9.934	10.822	8.753	9.886
OTU 335	12.214	10.523	8.346	7.692	9.907	12.382	9.827	12.272	10.108	11.279
OTU 338	13.415	10.450	7.881	9.106	9.514	12.055	8.870	12.583	10.639	12.137

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	OTU 188	OTU 190	OTU 192	OTU 193	OTU 195	OTU 196	OTU 201	OTU 203	OTU 204	OTU 205
OTU 188	0.000									
OTU 190	5.405	0.000								
OTU 192	5.336	5.816	0.000							
OTU 193	6.008	5.970	6.991	0.000						
OTU 195	4.488	6.279	6.499	6.210	0.000					
OTU 196	6.386	6.617	7.925	6.875	5.328	0.000				
OTU 201	5.537	6.225	7.615	5.211	5.853	5.922	0.000			
OTU 203	5.166	5.535	6.018	6.612	6.236	6.775	6.126	0.000		
OTU 204	5.812	6.460	7.508	6.512	5.330	5.568	6.270	5.549	0.000	
OTU 205	5.087	6.201	6.481	6.181	6.088	7.551	4.935	5.407	7.380	0.000
OTU 207	5.947	5.620	5.991	5.683	5.187	5.717	4.609	5.074	5.998	5.787
OTU 208	6.128	6.082	6.621	5.791	6.183	5.786	5.224	5.929	6.485	6.028
OTU 211	8.396	7.880	7.048	8.750	8.002	7.845	8.850	8.028	9.123	8.233
OTU 216	6.880	7.577	6.490	8.329	6.605	9.251	6.730	7.946	7.755	7.777
OTU 215	7.382	7.870	7.752	9.042	7.740	8.984	9.203	6.305	7.482	8.386
OTU 217	7.985	8.458	7.254	10.075	8.267	9.858	9.961	7.682	8.988	7.988
OTU 219	9.511	9.719	8.659	11.267	9.412	10.803	11.312	9.564	10.061	10.291
OTU 222	11.068	11.215	12.251	10.958	10.442	10.745	10.546	12.127	11.800	12.029
OTU 223	8.193	8.296	7.154	8.593	8.598	8.913	5.029	2.942	7.723	9.547
OTU 228	6.993	6.568	7.383	8.298	6.055	7.347	5.779	7.453	7.276	8.861
OTU 226	8.565	8.263	8.841	8.772	8.735	7.197	7.894	8.024	8.484	9.890
OTU 228	6.612	6.476	7.161	8.892	6.930	8.504	8.786	7.661	9.527	8.906
OTU 232	6.832	6.243	7.123	7.723	6.944	6.569	8.442	5.949	7.243	7.161
OTU 233	8.981	8.218	9.176	9.979	9.121	9.513	9.187	9.444	9.922	10.936
OTU 237	7.323	6.635	8.808	7.385	7.882	7.914	6.357	7.682	8.222	8.236
OTU 238	7.455	6.921	7.599	8.236	7.098	6.638	8.520	8.397	7.968	9.202
OTU 240	8.201	7.508	8.644	8.160	7.997	6.970	8.810	8.120	8.894	8.997
OTU 245	7.689	6.992	7.651	8.057	6.965	6.871	6.603	7.953	8.219	8.814
OTU 245	7.338	7.112	7.083	7.394	6.664	7.857	7.625	8.251	8.475	8.422
OTU 250	5.931	6.832	6.717	7.054	6.680	8.315	7.547	7.673	9.380	7.850
OTU 253	6.000	6.865	6.616	7.332	7.350	7.940	7.961	7.205	8.988	7.130
OTU 255	9.366	7.899	8.007	9.264	9.290	10.224	9.864	9.317	11.435	9.501
OTU 257	6.175	6.985	5.118	8.478	6.532	8.256	6.232	6.774	8.589	7.195
OTU 258	6.225	6.202	7.078	8.162	6.697	6.856	7.051	7.541	8.274	6.299
OTU 261	7.717	6.932	7.074	9.108	7.945	8.589	8.884	7.949	9.695	9.013
OTU 263	9.946	7.913	8.707	10.191	9.046	6.076	6.662	9.123	10.173	10.181
OTU 265	7.927	7.358	7.645	9.135	7.869	6.087	6.877	7.766	8.982	9.302
OTU 267	7.075	7.787	7.492	7.875	6.330	7.047	7.746	7.565	8.017	8.249
OTU 269	7.067	7.147	6.536	7.134	7.134	7.090	7.777	7.940	8.803	8.403
OTU 271	7.104	6.869	6.163	8.339	7.270	7.970	7.821	6.473	7.072	7.630
OTU 274	6.356	6.384	6.869	8.826	7.806	7.165	7.311	7.060	7.118	7.511
OTU 275	7.306	7.080	7.488	8.795	6.619	8.458	7.681	7.338	8.521	7.617
OTU 277	7.569	6.975	6.286	9.089	8.552	9.269	8.868	7.934	9.246	9.162
OTU 279	6.391	7.163	6.868	8.648	6.593	8.068	8.668	8.341	8.593	8.718
OTU 284	8.445	6.604	8.706	9.429	7.194	7.927	8.811	9.528	8.369	10.210
OTU 285	7.351	6.981	7.494	8.169	7.759	8.814	7.710	7.855	8.594	9.046
OTU 287	9.136	8.577	8.281	10.110	8.608	8.577	10.442	9.698	10.457	10.889
OTU 290	6.380	4.834	5.481	7.302	5.703	6.153	7.511	6.595	6.695	7.658
OTU 293	6.882	6.274	7.864	8.267	6.776	7.191	7.535	7.349	7.649	8.618
OTU 294	7.038	6.034	7.229	7.416	7.208	6.313	6.930	6.854	7.009	7.981

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OTU 299	9.562	9.641	8.327	11.288	9.641	11.468	10.287	9.268	9.859	9.290
OTU 300	9.445	8.921	8.116	11.280	9.693	10.127	11.204	9.311	9.111	9.361
OTU 302	9.349	10.513	9.119	11.776	10.016	11.398	11.631	9.562	10.100	9.633
OTU 303	8.487	9.471	6.980	10.795	7.970	10.436	10.638	9.121	8.792	9.727
OTU 304	10.500	10.208	9.594	11.335	10.777	10.968	11.437	10.380	11.858	9.782
OTU 307	9.549	11.096	9.958	12.490	9.345	11.160	11.947	11.192	10.425	10.695
OTU 309	7.511	9.243	8.063	10.264	7.492	9.248	9.684	9.010	8.816	8.649
OTU 312	8.615	8.613	8.843	10.836	8.488	9.293	9.681	8.483	8.408	8.755
OTU 315	9.145	8.794	6.893	10.469	8.925	10.309	10.398	9.250	9.216	9.176
OTU 317	10.431	9.587	8.729	11.592	9.747	10.228	11.686	10.027	10.495	10.506
OTU 323	11.136	11.674	11.207	13.689	10.882	11.091	13.206	10.645	10.996	11.253
OTU 325	9.032	9.705	7.938	11.196	9.089	10.040	11.372	9.269	10.166	9.541
OTU 328	7.475	8.232	8.701	9.994	7.742	8.189	9.790	7.475	7.456	8.309
OTU 329	7.749	6.969	7.300	9.601	7.190	8.624	9.319	7.909	7.835	8.288
OTU 331	7.526	8.675	7.402	10.452	7.701	9.680	9.645	7.829	8.665	7.090
OTU 334	8.431	9.415	7.766	11.312	8.460	10.721	11.281	9.391	9.385	9.384
OTU 335	9.690	11.119	8.699	12.653	10.399	12.700	12.203	10.362	11.484	10.463
OTU 338	10.822	10.558	8.630	12.478	11.369	13.515	12.733	11.449	12.792	11.196

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	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	6.196	0.000								
OTU 211	6.809	6.674	0.000							
OTU 214	7.254	8.030	7.663	0.000						
OTU 215	7.577	7.716	8.135	5.741	0.000					
OTU 217	8.580	7.915	8.743	6.203	5.648	0.000				
OTU 219	10.063	9.377	9.517	6.232	6.916	5.188	0.000			
OTU 222	10.610	11.777	14.398	14.269	12.342	16.105	17.112	0.000		
OTU 223	7.898	9.280	11.082	12.275	12.507	13.222	14.281	5.701	0.000	
OTU 224	7.092	7.249	10.079	9.614	9.717	10.740	11.076	8.842	6.796	0.000
OTU 226	6.673	7.965	9.764	11.966	11.969	12.458	12.330	8.338	7.477	0.000
OTU 228	7.109	7.129	7.467	10.150	10.246	9.844	10.169	12.764	10.451	8.055
OTU 232	5.701	6.110	7.140	9.489	9.143	9.574	10.531	10.931	8.671	7.271
OTU 233	9.025	9.672	11.839	12.535	12.601	13.328	13.651	9.139	7.795	5.299
OTU 237	5.814	6.860	10.130	10.700	11.048	11.657	12.524	8.437	6.414	6.157
OTU 238	7.076	7.663	9.439	10.322	11.022	11.384	12.069	9.430	7.820	6.004
OTU 240	7.621	7.346	8.779	10.956	10.398	11.790	12.805	10.777	9.338	8.184
OTU 246	6.623	6.919	8.468	9.884	10.095	10.267	10.693	10.210	8.889	6.999
OTU 245	6.330	7.409	9.152	10.080	11.203	10.692	11.095	8.092	6.448	5.365
OTU 250	6.614	6.825	9.048	10.496	10.542	10.753	12.292	8.991	7.039	6.967
OTU 251	6.435	6.967	9.280	10.309	10.290	10.472	11.768	9.607	7.452	6.904
OTU 255	8.794	8.226	8.092	10.515	11.284	10.521	10.966	12.736	10.621	9.457
OTU 257	7.057	7.441	8.220	8.409	8.878	8.435	9.649	11.820	9.358	7.499
OTU 258	5.534	6.047	8.209	9.052	10.161	10.044	10.167	10.126	15.683	6.588
OTU 261	7.293	8.060	8.249	9.440	10.502	9.604	9.568	12.603	9.991	6.485
OTU 263	8.245	7.753	8.070	10.643	11.259	10.447	10.169	14.124	11.659	9.245
OTU 265	7.787	8.364	10.769	11.037	10.651	10.930	11.767	8.587	7.905	6.186
OTU 267	7.125	6.890	8.736	9.914	10.609	10.402	11.043	10.187	8.606	6.577
OTU 269	7.569	7.981	10.126	10.809	10.016	11.166	8.838	9.701	8.086	6.521
OTU 271	7.416	7.134	9.639	10.002	9.726	9.523	11.037	11.086	8.944	6.637
OTU 274	6.813	7.065	9.219	8.266	9.053	8.532	9.012	11.211	8.955	6.560
OTU 275	7.585	7.410	9.887	9.929	10.494	10.302	11.221	10.442	8.903	6.854
OTU 277	8.075	8.726	10.790	10.626	11.402	10.981	11.821	9.647	7.124	5.994
OTU 279	7.606	6.902	8.471	9.676	10.301	10.069	10.665	10.172	7.729	5.902
OTU 284	5.750	9.301	11.191	10.612	11.420	11.897	12.230	10.183	7.089	7.089
OTU 285	7.530	7.976	10.486	10.404	11.182	11.893	12.270	8.982	6.704	5.590
OTU 287	6.483	7.651	8.772	10.925	11.109	10.257	11.136	11.766	10.335	7.839
OTU 290	6.081	6.169	7.581	7.759	6.721	6.671	9.151	10.085	8.304	6.811
OTU 293	7.015	7.003	8.092	8.225	6.733	10.050	9.877	12.363	10.238	7.791
OTU 294	6.402	6.086	9.708	9.685	9.778	9.966	9.772	11.534	9.168	6.984
OTU 299	9.959	9.334	10.239	6.250	7.613	6.217	6.177	16.931	14.052	11.471
OTU 300	9.402	9.753	9.130	7.277	8.429	6.588	7.982	16.373	14.191	11.261
OTU 301	10.549	9.841	9.011	7.467	7.463	5.500	5.500	15.120	12.797	11.261
OTU 303	9.512	9.494	8.341	5.411	6.649	6.777	7.349	15.814	13.311	10.616
OTU 304	10.287	8.851	8.098	8.928	8.881	7.312	8.606	17.449	14.931	13.212
OTU 307	11.478	10.547	10.568	9.869	8.706	7.369	6.653	17.940	15.837	12.206
OTU 309	9.164	8.477	7.880	6.222	7.561	6.530	6.959	16.435	14.066	11.118
OTU 312	8.748	8.688	8.577	6.234	6.762	6.675	6.711	16.167	13.591	11.295
OTU 315	8.405	8.471	7.725	6.099	6.013	7.025	7.849	15.633	13.055	11.125
OTU 317	10.124	9.150	7.476	8.373	8.246	6.820	7.768	16.411	14.177	11.284

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OTU 323	11.792	11.718	10.502	10.166	10.101	9.760	10.115	17.621	15.447	12.824
OTU 325	9.552	8.360	7.907	6.721	6.738	6.163	7.124	16.091	13.840	10.982
OTU 328	8.409	6.661	9.206	7.603	6.623	7.178	8.828	15.253	13.111	10.430
OTU 329	7.823	7.292	7.331	4.784	6.162	6.183	6.610	14.776	11.980	8.960
OTU 331	8.334	5.194	8.679	4.697	5.196	4.297	6.289	15.807	13.680	10.513
OTU 334	9.836	7.870	9.271	4.661	6.904	6.431	6.618	16.667	14.036	11.478
OTU 335	11.038	14.764	10.710	7.125	7.720	7.787	7.799	17.643	14.856	12.440
OTU 338	11.235	10.735	11.017	6.610	10.119	9.033	9.192	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	7.969	0.000								
OTU 232	5.788	5.710	0.000							
OTU 233	7.407	9.168	8.214	0.000						
OTU 237	6.431	7.782	6.080	7.414	0.000					
OTU 238	6.933	7.726	6.028	6.862	6.995	0.000				
OTU 240	7.491	7.443	5.052	6.877	7.152	6.944	0.000			
OTU 242	6.829	6.037	6.011	7.753	6.700	4.531	6.812	0.000		
OTU 245	6.481	7.327	6.797	7.236	6.122	7.040	8.487	6.576	0.000	
OTU 250	7.000	7.415	6.674	8.085	6.086	6.966	7.045	6.607	5.971	0.000
OTU 253	7.273	7.127	6.893	8.466	7.177	6.614	7.680	6.750	6.149	3.917
OTU 256	9.154	5.131	7.051	9.887	8.385	8.491	7.963	7.070	7.615	6.466
OTU 257	6.970	7.705	7.198	8.904	8.099	8.136	8.967	7.346	6.644	6.166
OTU 258	6.505	5.457	4.734	7.238	5.451	5.457	6.544	6.631	5.712	6.450
OTU 261	8.356	5.070	6.168	8.540	7.573	7.132	8.372	6.051	6.720	7.445
OTU 262	9.065	4.366	6.360	9.388	8.744	8.385	8.440	6.654	8.483	9.396
OTU 263	5.775	7.386	6.110	6.452	6.933	5.896	7.611	6.131	5.709	5.561
OTU 267	7.013	6.056	4.616	7.079	6.274	4.822	5.805	6.071	6.111	5.263
OTU 269	5.872	6.914	4.892	5.654	6.600	5.445	6.287	6.832	6.570	6.555
OTU 271	8.083	8.104	6.555	7.785	7.711	6.330	8.710	7.068	7.358	6.563
OTU 274	8.402	7.515	6.107	7.461	7.504	6.211	7.594	5.959	7.071	7.438
OTU 275	7.279	7.259	5.626	7.728	7.292	6.154	6.798	6.066	7.429	5.625
OTU 277	7.548	8.005	7.453	6.657	7.032	6.703	9.762	7.618	6.226	6.743
OTU 279	7.890	7.818	6.988	6.955	7.780	5.038	7.793	5.314	6.664	6.818
OTU 284	6.915	9.725	7.816	8.476	8.272	5.749	7.917	6.770	7.861	8.333
OTU 285	7.180	7.867	6.302	6.468	5.142	5.530	7.701	6.165	6.335	6.111
OTU 287	8.711	6.999	7.821	8.633	8.543	7.072	8.254	6.611	7.163	6.993
OTU 290	7.438	5.911	5.282	7.582	6.368	5.277	7.011	4.514	5.831	6.890
OTU 293	9.759	7.372	6.618	7.000	7.365	7.169	6.839	6.949	9.196	8.708
OTU 294	7.059	5.466	5.048	8.004	6.507	6.062	6.470	5.660	7.429	6.732
OTU 299	13.860	11.567	10.852	14.223	12.357	12.150	13.283	12.125	12.280	12.314
OTU 300	12.716	10.051	9.970	13.471	12.106	10.973	11.880	9.420	11.273	11.809
OTU 302	14.066	11.459	11.403	15.314	13.557	12.832	13.275	11.929	12.722	12.033
OTU 303	12.029	11.260	10.578	13.175	12.458	10.994	12.330	10.617	11.065	11.075
OTU 304	13.507	10.233	10.707	12.485	12.856	13.161	12.294	11.270	12.251	11.487
OTU 307	14.875	12.810	11.796	15.256	13.629	12.379	13.131	11.592	13.182	13.552
OTU 308	12.625	10.686	10.349	13.562	12.350	11.424	12.029	10.252	11.160	11.703
OTU 312	12.656	10.078	9.999	13.853	11.703	11.834	11.713	10.046	11.910	12.050
OTU 315	12.634	10.465	10.362	13.530	11.442	11.191	12.499	10.364	10.956	11.038
OTU 317	10.991	9.785	10.369	13.849	12.654	11.572	12.255	10.314	10.614	11.140
OTU 323	14.351	12.673	12.511	15.585	14.092	12.788	13.609	11.337	13.887	13.907
OTU 325	12.897	10.547	10.508	14.073	12.458	10.885	11.682	9.927	11.620	10.631
OTU 328	12.056	10.324	9.122	12.469	11.494	9.633	9.971	9.330	11.877	10.922
OTU 329	11.671	9.181	8.674	12.294	10.145	9.255	10.122	8.840	10.016	10.172
OTU 331	12.850	10.485	10.251	13.270	11.721	11.085	11.894	10.708	11.378	10.963
OTU 334	13.581	11.304	11.181	14.109	12.869	11.167	12.628	10.436	12.146	11.705
OTU 335	15.113	12.517	12.477	15.051	13.618	13.008	14.008	12.240	13.487	12.219
OTU 338	14.705	11.734	13.006	14.343	12.931	12.826	14.404	11.813	12.090	11.369

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	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	1.307	0.000								
OTU 257	6.113	7.662	0.000							
OTU 258	6.659	6.491	6.778	0.000						
OTU 261	7.148	9.397	6.187	4.579						
OTU 263	8.800	6.837	8.507	5.662	4.991	0.000				
OTU 265	4.855	7.554	6.970	5.725	6.199	6.542	0.000			
OTU 267	5.778	6.290	6.821	4.618	5.189	6.281	5.213	0.000		
OTU 269	6.314	8.020	7.669	5.331	6.163	7.588	4.382	3.959	0.000	
OTU 271	6.319	5.108	6.050	7.112	5.909	8.620	6.039	6.159	6.283	0.000
OTU 273	6.892	8.494	6.555	5.468	6.114	7.257	5.908	5.064	5.405	2.082
OTU 275	5.648	7.456	6.103	5.849	6.907	8.167	5.525	4.653	5.160	5.502
OTU 277	6.405	8.289	7.007	6.607	6.838	8.724	5.310	6.686	6.996	5.812
OTU 279	7.017	7.985	6.294	5.932	7.265	7.938	6.427	5.739	7.103	6.609
OTU 281	8.012	9.258	8.446	7.607	8.592	9.870	6.724	5.396	6.377	7.353
OTU 285	6.493	7.500	7.795	5.409	6.972	8.653	5.608	5.084	5.510	6.645
OTU 287	7.689	6.513	7.077	6.145	6.681	7.122	6.880	6.129	7.938	7.840
OTU 290	6.748	6.922	6.190	4.759	5.421	6.029	6.215	4.519	6.271	5.941
OTU 293	6.708	8.714	7.934	6.156	6.920	7.150	6.631	6.198	7.351	8.148
OTU 294	7.067	7.090	6.792	5.420	5.932	5.941	6.875	5.077	5.795	6.138
OTU 299	11.737	12.812	10.479	11.156	11.315	11.983	12.378	11.739	12.408	10.520
OTU 300	11.181	11.629	10.139	10.634	10.379	10.504	11.530	10.810	11.225	10.563
OTU 302	11.516	11.750	10.387	11.852	11.061	12.098	12.304	11.940	12.397	10.930
OTU 303	10.838	11.468	8.605	10.603	10.581	11.739	11.149	10.556	11.340	9.656
OTU 308	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	13.653	11.522	12.921	12.147
OTU 309	11.135	11.111	9.421	10.295	9.909	10.605	11.994	10.011	11.258	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	9.563	9.940	10.035	10.799	11.518	10.861	12.137	10.210
OTU 317	10.046	10.130	8.111	10.477	9.755	10.196	11.104	9.646	12.098	10.171
OTU 323	13.334	14.078	12.204	13.109	12.979	13.278	13.925	2.534	13.692	12.859
OTU 325	10.478	10.638	9.100	10.377	10.622	11.181	11.321	10.711	12.057	10.339
OTU 328	10.727	12.163	9.859	10.050	10.798	11.123	11.546	10.169	10.541	9.494
OTU 329	9.813	9.981	8.403	8.239	9.001	9.453	10.537	9.082	10.462	9.678
OTU 331	10.783	11.567	8.717	10.076	10.504	11.438	11.630	10.701	11.681	9.950
OTU 334	11.394	11.948	9.376	10.809	10.670	11.960	12.873	11.113	12.188	10.586
OTU 335	11.814	12.871	9.793	11.929	11.882	13.044	13.015	12.508	13.415	11.390
OTU 338	11.473	11.266	10.135	11.439	11.586	12.847	12.646	12.567	13.043	11.580

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	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	6.539								
OTU 279	6.015	6.501	0.000							
OTU 284	6.505	6.501	7.734	7.062	0.000					
OTU 285	6.818	5.981	5.321	7.148	6.706	0.000				
OTU 287	7.655	7.617	7.877	5.467	8.440	8.082	0.000			
OTU 290	8.775	6.227	6.031	5.004	6.223	5.815	6.301	0.000		
OTU 293	6.327	7.069	8.791	1.131	7.902	7.386	6.240	5.453	0.000	
OTU 294	5.986	5.948	7.551	5.988	7.687	6.949	6.826	5.202	5.538	0.000
OTU 299	9.166	11.332	11.775	11.275	12.747	12.178	12.521	9.850	10.346	11.446
OTU 300	6.671	10.292	11.788	10.201	11.160	12.453	11.908	8.027	9.782	9.897
OTU 302	10.154	11.635	12.997	12.402	12.909	13.008	12.350	10.645	11.563	11.068
OTU 303	9.031	11.046	11.507	10.180	10.948	11.170	10.335	8.786	9.950	10.445
OTU 304	11.311	11.828	13.368	11.545	13.697	13.323	10.246	10.440	10.941	10.639
OTU 307	9.886	11.842	13.500	11.825	11.691	12.979	12.671	10.081	9.566	11.256
OTU 309	9.051	10.759	12.005	10.485	11.358	11.644	11.110	8.876	8.991	10.029
OTU 312	9.469	10.255	12.515	11.031	12.036	12.013	11.930	8.911	8.879	9.954
OTU 315	9.463	10.566	11.497	10.116	12.076	11.628	10.996	8.511	9.561	10.051
OTU 317	9.917	11.350	11.819	9.272	12.239	12.556	9.116	8.949	10.579	9.453
OTU 323	11.501	12.868	14.000	12.185	13.280	14.400	13.548	11.163	11.607	12.193
OTU 325	9.829	10.850	11.913	9.735	11.926	11.763	9.789	9.213	10.048	10.253
OTU 328	9.005	10.130	12.053	9.932	11.345	11.596	11.461	8.808	8.826	8.963
OTU 329	6.209	9.566	10.670	9.090	10.406	9.914	9.721	7.118	7.806	8.932
OTU 331	8.799	10.415	11.567	10.094	11.897	11.408	11.141	8.889	7.450	10.482
OTU 334	9.514	11.147	12.254	10.789	11.795	11.959	11.789	9.256	9.947	10.885
OTU 335	11.235	12.167	12.123	13.506	12.678	12.671	11.173	10.983	12.099	12.099
OTU 338	12.000	12.243	12.387	11.579	12.031	12.140	11.630	11.046	12.235	12.151

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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	7.808	0.000								
OTU 302	8.505	7.769	0.000							
OTU 303	7.377	7.828	6.372	0.000						
OTU 304	9.855	10.358	8.207	9.467	0.000					
OTU 307	7.629	8.091	7.719	7.338	9.327	0.000				
OTU 309	7.276	7.323	6.318	5.933	6.416	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	8.538	7.032	6.909	0.000	
OTU 317	9.383	8.232	7.973	7.366	6.645	9.598	7.911	8.182	7.494	0.000
OTU 323	11.561	7.273	9.828	10.741	12.918	10.087	9.627	8.610	10.185	10.071
OTU 325	7.965	6.396	6.270	5.923	6.591	7.257	6.506	7.029	7.330	5.964
OTU 328	9.598	7.648	8.499	7.996	10.532	9.230	8.607	6.737	9.058	9.456
OTU 329	7.156	7.326	7.023	6.176	7.938	6.327	5.918	5.629	6.666	7.388
OTU 331	6.035	7.228	6.091	5.625	7.999	6.348	5.335	5.318	6.612	7.776
OTU 334	7.599	6.929	5.927	4.418	9.288	6.006	2.643	5.632	6.411	8.284
OTU 335	7.969	8.950	7.888	5.979	9.189	7.722	7.647	7.683	7.200	9.447
OTU 339	10.202	11.163	9.502	8.501	10.007	10.889	9.332	10.049	7.756	9.718

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COMPUTE EUCLIDEAN DISTANCE

	OTU 323	OTU 325	OTU 326	OTU 329	OTU 331	OTU 334	OTU 335	OTU 336
OTU 323	0.000							
OTU 325	9.833	0.000						
OTU 326	6.821	8.000						
OTU 329	9.317	5.738	7.128					
OTU 331	8.578	4.675	6.787	0.000				
OTU 334	9.019	5.573	6.402	5.526	0.000			
OTU 335	11.726	6.147	8.999	7.546	5.796	0.000		
OTU 336	13.478	7.638	11.616	8.180	8.129	7.923	6.683	0.000

APPENDIX IIIA

Summary of Stepwise Discriminant Analysis for 150 Female OTUs

Key:

uniformis = GROUP 1

discolor = GROUP 2

STEPWISE DISCRIMINANT ANALYSIS

150 OBSERVATIONS 48 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 = 0.100
SIGNIFICANCE LEVEL TO STAY = 0.100

CLASS LEVEL INFORMATION

SPECIES	FREQUENCY	PROPORTION
DISCOLOR	109	0.693333
UNIFLORA	46	0.306667

STEPWISE DISCRIMINANT ANALYSIS

CLASS REAK

VARIABLE	DISCULDI	UNIFLORA
RACHLEN	-0.03768	0.13040
INTRODLM	0.01173	-0.09434
WDA	0.50182	-1.15456
IBRW	0.27888	-0.63051
ODRW	0.14721	-1.01108
INDRM	0.55208	-1.24817
PKKL	0.41612	-0.94080
LSRP	0.18691	-0.67022
INFL	0.51657	-1.16789
INTF	0.46864	-1.05953
VANDS	0.00817	-0.01948
VANDG	0.19677	-0.44487
SHHL	-0.25532	0.59982
LNCDRL	-0.32986	0.74576
HKLNL	-0.35472	0.82458
HKLNL	-0.32176	0.84920
APKAN	0.25818	-0.58371
APKPS	-0.22628	0.51159
SSAR	0.25024	-0.56644
SSPS	0.14639	-0.33096
SVLHS	0.06823	-0.15486
RSCOV	-0.59070	0.59420
PINSEV	-0.13577	0.30696
PTLNL	0.15177	-0.34314
INTLN	0.02603	-0.03886
INFLCR	0.49695	-1.12123
CORLLN	0.14797	-0.33163
CORLWD	0.06695	-0.15137
CORTWD	0.02658	-0.05963
STWLLDL	0.25101	-0.56749
STBLN	0.44033	-0.99552
STBWD	0.14282	-0.32280
ACKMLN	0.19570	-0.44523
ACKWMD	-0.01150	0.02601
RVVAD	0.04167	-0.09895
CRWVMD	0.13410	-0.30317
CRWVMD	-0.02935	0.06636
WVWVMD	-0.03815	1.14887
ISLMR	0.49697	-1.03224
ODLMR	0.24671	-0.55778
INVLWR	0.00518	-0.01171
CDLLMR	0.11777	-0.26627
ACLMR	0.21765	-0.49807
CDRLWR	0.51895	-1.12997
STLLWR	0.44749	-1.01173
TFLPLR	-0.22734	1.19266
INFLWR	0.06252	-0.18134
LRNFLR	0.50482	-1.13998

STEPWISE DISCRIMINANT ANALYSIS

STANDARD DEVIATIONS

VARIABLE	TOTAL SAMPL	WITHIN CLASS
RACHLN	1.00000	0.99957
INTNDLN	1.00000	1.00138
NBR	1.00000	0.65252
IBRW	1.00000	0.91084
OSRW	1.00000	0.74060
INRMW	1.00000	0.25530
PKWL	1.00000	0.78101
LBWP	1.00000	0.81087
INFL	1.00000	0.62874
INFW	1.00000	0.70959
VANGS	1.00000	1.00330
VAIGS	1.00000	0.55818
SHIOL	1.00000	0.94362
LNWOL	1.00000	0.87031
KKLLN	1.00000	0.63783
KMWOL	1.00000	1.00283
APKAR	1.00000	0.92813
APKPS	1.00000	0.26110
OSAN	1.00000	0.92896
BSPS	1.00000	0.97660
SVINS	1.00000	0.99804
RSECV	1.00000	0.93488
PINW	1.00000	0.98210
PTLLR	1.00000	0.97672
INTLR	1.00000	1.00260
REFLR	1.00000	0.66399
CORLLN	1.00000	0.97819
CORLWD	1.00000	0.99824
CORTWD	1.00000	1.00258
STWLOL	1.00000	0.92865
STLN	1.00000	0.74098
STWD	1.00000	0.97990
ACHKLN	1.00000	0.93723
ACHWOL	1.00000	1.03122
HVPAC	1.00000	0.74818
CORWOL	1.00000	0.98263
CORWOL	1.00000	1.0239
MMOFTD	1.00000	0.64426
ISLR	1.00000	0.72739
OSLNR	1.00000	0.93128
INVLNR	1.00000	1.00334
ORLLNR	1.00000	0.98711
ACLNR	1.00000	0.96774
CORLLNR	1.00000	0.96348
STLLNR	1.00000	0.71020
TFLPLR	0.80000	0.60789
INFLNR	1.00000	0.99090
LNWFR	1.00000	0.65129

STEPWISE DISCRIMINANT ANALYSIS

WITHIN-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNIT ORA
RACHLEN	0.05770	0.13046
INTNDLN	0.04167	-0.09421
WDR	0.14553	-1.13571
IDRW	0.30538	-0.69209
QBRV	0.60384	-1.36581
INNDW	0.99419	-2.24773
PKKL	0.53280	-1.20456
IRFP	0.47120	-1.05531
INFL	0.82160	-1.85752
INFW	0.65043	-1.89716
VANGS	0.00813	-0.01842
VAND	0.20336	-0.16430
SHIL	0.23878	0.53956
LINDRL	-0.37901	0.85569
KDLRL	-0.43532	0.88419
KMDL	-0.02170	0.04007
APKAN	0.27938	-0.63164
APKPS	-0.23993	0.54242
BSAX	0.26971	-0.60978
BSFS	0.14959	-0.33820
SVMS	0.06036	-0.13456
NECV	-0.25747	0.18510
PINSV	-0.13824	0.31255
FTLLN	0.15539	-0.19132
NTLN	0.02597	-0.05871
NFLOR	0.74842	-1.69029
QORLM	0.15056	-0.34107
QORLM	0.06101	-0.15164
QORTD	0.02631	-0.02948
STRLOJ	0.27029	-0.61109
STBLN	0.58712	-1.32739
STBD	0.14576	-0.32955
ADCKN	0.80758	-0.66970
ACKMD	-0.01147	0.02292
INPAC	0.59032	-1.13464
CRMD	0.13647	-0.30853
CRMD	-0.02928	0.06621
WHOTD	-0.76814	1.78324
ILMR	0.62768	-1.81910
OBLMR	0.26492	-0.59894
IRVLR	0.00916	-0.01157
GRLLMR	0.11927	-0.20966
ACLMR	0.22965	-0.51920
COLMR	0.97333	-2.20056
STLLR	0.69956	-1.36683
TFLR	-0.88750	1.90130
INFLR	0.05259	-0.14152
LRNFR	0.77419	-1.75034

STEPWISE DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNI FLORA
RADPLEN	-0.05798	0.13040
INTNDLN	0.06173	-0.09934
NBA	0.50165	-1.13456
IBRM	0.27888	-0.63031
ODW	0.44721	-1.01108
INPM	0.55908	-1.28817
PMKL	0.01612	-0.94080
LUPF	0.18891	-0.87633
INFL	0.71857	-1.16789
INFM	0.46564	-1.05953
VANGS	0.00817	-0.01888
VANGB	0.19077	-0.44487
SHNL	-0.25532	0.50962
LINVDRL	-0.32986	0.74576
KULNL	-0.16472	0.82458
KUHL	-0.22176	0.04920
APKAN	0.25818	-0.58371
APKPS	-0.28628	0.51199
BSAN	0.29034	-0.56644
BSPS	0.14639	-0.33096
SVINS	0.06823	-0.19426
NSECV	-0.24070	0.54820
PIHSV	-0.13577	0.30696
PTLLR	0.15177	-0.34314
INTLR	0.02673	-0.05886
R7LOR	0.49695	-1.12353
CORLLR	0.14757	-0.31363
CORLWD	0.06595	-0.15137
CORTVD	0.02638	-0.05963
STROL	0.23101	-0.25749
STBLR	0.44033	-0.99592
STBD	0.14892	-0.32290
KOKLN	0.19870	-0.44923
ACHXAD	-0.01150	0.02601
WVAD	0.44167	-0.98655
CRXWAD	0.13410	-0.30317
CRXWAD	-0.00935	0.06636
WVADHD	-0.50615	1.14887
IBLMR	0.45657	-1.03224
OSLNR	0.24671	-0.55778
INFLMR	0.00518	-0.01171
ORLLMR	0.11777	-0.26627
ACLMR	0.21769	-0.49207
CDLMMR	0.58845	-1.25997
STLLMR	0.44749	-1.01173
ITPLMR	-0.27138	1.19226
INFLMR	0.06252	-0.18136
LRFLMR	0.50422	-1.13998

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	RACHLEN	INTNDLN	NBR	IBRV	QBRW	INPOW	PKKL	LDRP	INFL	INFw	VANGS	VANGS
RACHLEN	1.000	0.623	-0.034	0.060	0.016	0.027	0.017	-0.015	0.013	0.053	0.040	-0.040
INTNDLN	0.623	1.000	0.064	0.139	0.059	0.117	-0.024	0.007	0.010	0.010	0.077	-0.093
NBR	-0.034	0.064	1.000	0.343	0.599	0.808	0.602	0.509	0.872	0.737	0.193	0.362
IBRV	0.060	0.139	0.343	1.000	0.492	0.773	0.202	0.231	0.394	0.364	0.039	0.082
QBRW	0.016	0.055	0.599	0.492	1.000	0.771	0.561	0.543	0.707	0.551	0.003	0.182
INPOW	0.027	0.117	0.808	0.773	0.771	1.000	0.584	0.555	0.891	0.829	0.082	0.278
PKKL	0.017	-0.024	0.602	0.202	0.261	0.584	1.000	0.601	0.639	0.663	-0.008	0.177
LDRP	-0.015	0.007	0.509	0.231	0.503	0.555	0.601	1.000	0.591	0.487	0.095	0.143
INFL	0.013	0.010	0.872	0.707	0.707	0.891	0.639	0.591	1.000	0.817	0.052	0.319
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	0.193	0.039	0.003	0.082	-0.008	0.055	0.052	0.033	1.000	0.305
VANGS	-0.040	-0.093	0.362	0.082	0.182	0.278	0.177	0.161	0.319	0.235	0.305	1.000
BHNL	-0.003	-0.009	-0.127	-0.006	-0.117	-0.183	-0.178	-0.094	-0.166	-0.224	0.008	-0.145
LWDRIL	-0.085	-0.178	0.305	-0.186	-0.272	-0.394	-0.260	-0.255	-0.381	-0.089	-0.089	-0.316
IKLNL	0.122	0.075	-0.475	-0.171	-0.371	-0.496	-0.375	-0.509	-0.509	-0.003	-0.162	-0.162
PKWDL	0.191	0.254	-0.165	0.011	-0.101	-0.091	-0.177	-0.139	-0.148	-0.117	0.085	0.150
APXAN	0.004	-0.117	0.116	0.203	0.156	0.206	0.194	0.278	0.324	0.079	0.181	0.181
APXPS	-0.012	-0.037	-0.258	-0.132	-0.267	-0.276	-0.225	-0.151	-0.277	-0.258	-0.083	-0.162
BSAN	0.061	0.105	0.335	0.166	0.308	0.425	0.251	0.278	0.411	0.381	0.170	0.378
BSPS	0.090	0.057	0.297	0.132	0.255	0.348	0.209	0.274	0.324	0.308	0.261	0.374
SVINS	0.044	0.047	0.124	-0.019	0.032	-0.092	0.062	0.029	0.078	0.126	0.310	0.217
NSECV	0.027	-0.006	-0.231	-0.187	-0.313	-0.151	-0.264	-0.161	-0.309	-0.282	0.122	0.111
PIREV	-0.178	0.291	-0.236	-0.032	-0.197	-0.232	-0.192	-0.212	-0.290	-0.287	0.095	-0.122
PTLLR	0.116	0.093	0.248	0.075	0.211	0.175	0.226	0.086	0.270	0.202	-0.051	-0.094
INFLR	0.197	0.096	-0.034	0.056	-0.033	-0.049	-0.084	-0.084	0.009	-0.027	-0.074	-0.074
INFLR	0.010	0.095	0.711	0.383	0.586	0.869	0.566	0.517	0.782	0.710	0.082	0.282
CORLLR	0.090	0.110	0.251	0.063	0.077	0.280	0.191	0.147	0.386	0.309	0.004	0.097
CORLLR	-0.144	-0.080	0.142	0.196	0.160	0.181	0.185	0.052	0.175	0.205	-0.064	0.037
CORLTH	0.026	-0.017	0.051	0.027	0.079	0.068	0.044	-0.152	0.133	0.081	-0.172	-0.058
STKLLOL	0.056	0.212	0.437	0.238	0.218	0.387	0.237	0.206	0.422	0.343	0.129	0.099
STBLR	-0.014	-0.094	0.050	0.300	0.570	0.692	0.521	0.782	0.662	0.948	0.315	0.315
STWDL	0.152	0.151	0.336	0.228	0.201	0.293	0.176	0.119	0.297	0.330	-0.006	-0.002
ACKMLN	0.104	-0.086	0.433	0.114	0.339	0.688	0.392	0.332	0.682	0.641	0.091	0.112
ACKWDL	-0.010	-0.159	0.093	0.203	0.180	0.152	0.077	-0.010	0.228	0.195	-0.058	0.101
NYPAC	-0.128	0.036	0.551	0.365	0.553	0.589	0.528	0.491	0.596	0.542	0.005	0.134
CRWWD	0.109	0.239	0.224	0.433	0.222	0.358	0.175	-0.001	0.283	0.329	0.080	-0.044
CRWWD	0.052	0.065	-0.078	0.022	-0.090	-0.050	-0.077	-0.102	-0.100	-0.069	0.104	-0.059
NWGFHD	0.433	0.134	-0.443	-0.449	-0.655	-0.772	-0.517	-0.445	-0.703	-0.596	-0.621	-0.274
IBLNR	-0.078	-0.012	0.720	-0.112	0.530	0.697	0.559	0.599	0.794	0.616	0.086	0.309
OBVLR	-0.082	-0.061	0.380	-0.159	-0.034	0.255	0.351	0.243	0.393	0.339	0.053	0.192
IVLNR	-0.115	-0.138	0.236	-0.393	-0.172	-0.203	0.159	0.153	0.162	-0.066	0.091	0.168
CLVLR	-0.166	-0.166	0.386	-0.400	-0.613	0.214	0.081	0.124	0.299	0.202	0.028	0.081
ACLVR	0.116	-0.012	0.414	0.011	0.270	0.443	0.387	0.363	0.619	0.597	0.026	0.088
CORVLR	-0.095	0.002	0.808	0.282	0.680	0.797	0.600	0.639	0.691	0.707	0.009	0.312
STVLR	-0.051	-0.106	0.619	0.561	0.442	0.438	0.438	0.438	0.608	0.651	0.050	0.295
YFLVR	0.174	-0.078	-0.370	-0.365	-0.670	-0.673	-0.453	-0.496	-0.630	-0.516	-0.003	-0.283
INFLVR	-0.082	0.031	0.176	0.036	0.174	0.047	0.009	0.152	0.200	-0.345	0.042	0.094
LNRVLR	-0.132	0.064	0.703	0.442	0.682	0.822	0.631	0.486	0.784	0.649	0.069	0.285

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	SHNL	LNDRLL	KXLL	HWGL	APXAN	APXPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLEH	-0.003	-1.085	0.129	0.191	0.004	0.012	0.061	0.050	0.044	0.027	0.178	-0.116
INTNDLH	-0.089	-0.178	0.075	0.254	0.117	-0.037	0.105	0.067	0.047	-0.096	0.241	0.093
NBR	-0.127	-0.359	-0.075	-0.165	0.316	-0.298	0.335	0.297	0.124	-0.231	-0.236	0.286
IBR	0.006	-0.186	-0.171	0.011	0.203	-0.152	-0.164	0.132	-0.019	-0.187	-0.032	0.075
OBRS	-0.117	-0.272	-0.371	-0.101	0.196	-0.267	0.302	0.295	0.032	-0.313	-0.197	0.211
IBRBN	-0.183	-0.394	-0.496	-0.091	0.251	-0.278	0.422	0.348	0.092	-0.351	-0.237	0.175
PKLL	-0.178	-0.350	-0.550	-0.177	0.206	-0.225	0.251	0.249	0.062	-0.284	-0.192	0.286
LBHP	-0.094	-0.215	-0.374	-0.139	0.154	-0.133	0.278	0.274	0.029	-0.161	-0.212	0.086
INFL	-0.156	-0.355	-0.509	-0.188	0.278	-0.277	0.411	0.328	0.078	-0.305	-0.250	0.270
1WFO	-0.224	-0.351	-0.509	-0.117	0.324	-0.258	0.381	0.308	0.126	-0.282	-0.287	0.202
VAMS	0.008	-0.089	-0.093	0.085	0.079	0.043	0.170	0.241	0.310	0.122	0.095	-0.051
VAMR	-0.145	-0.316	-0.162	0.150	0.181	-0.142	0.378	0.374	0.217	0.111	-0.125	-0.094
SHNL	1.000	0.783	0.348	-0.460	-0.358	-0.020	-0.322	0.166	-0.243	0.146	0.000	0.001
LNDRLL	0.783	1.000	0.504	-0.458	-0.456	0.058	-0.611	-0.159	-0.249	0.261	0.025	0.019
KXLL	0.348	0.504	1.000	-0.483	-0.419	0.254	-0.212	-0.065	-0.175	0.177	0.214	0.169
HWGL	-0.460	-0.458	-0.483	1.000	0.112	0.181	0.423	0.113	0.069	0.198	0.224	0.159
APXAN	-0.358	-0.456	-0.415	0.112	1.000	-0.458	0.227	0.011	0.183	-0.163	0.043	-0.020
APXPS	-0.020	0.058	0.254	0.181	-0.458	1.000	-0.074	-0.086	0.019	0.159	0.033	-0.006
BSAN	-0.322	-0.611	-0.212	0.423	0.227	-0.074	1.000	0.573	0.234	-0.035	-0.061	-0.090
BSPS	0.166	-0.159	-0.025	0.113	0.011	-0.065	0.573	1.000	0.067	0.087	-0.068	-0.079
SVINS	-0.243	-0.249	-0.175	0.069	0.183	0.019	0.234	0.067	1.000	0.211	-0.135	-0.127
NSECV	0.146	0.261	0.177	0.198	-0.165	0.139	-0.035	0.087	0.211	1.000	-0.080	0.096
PINSV	0.003	0.035	0.274	0.269	0.065	0.033	-0.061	-0.068	-0.135	-0.080	1.000	-0.028
PTLLN	0.001	0.019	0.169	0.199	-0.020	-0.006	-0.020	-0.079	-0.127	0.096	-0.028	1.000
INFL	-0.092	-0.042	0.194	0.280	0.010	0.082	0.074	0.037	0.017	0.037	0.085	-0.018
LBHP	-0.172	-0.332	-0.432	-0.097	0.182	-0.205	0.415	0.380	0.081	-0.313	-0.233	0.159
CDRLN	-0.222	-0.244	-0.150	0.099	0.203	-0.067	0.287	0.129	0.126	0.024	-0.027	0.168
CDRLD	-0.106	-0.152	-0.131	0.028	0.144	-0.068	0.174	0.061	-0.020	-0.054	-0.018	0.140
CDRTD	-0.054	-0.067	-0.001	0.067	0.033	-0.081	0.105	0.110	-0.120	-0.064	0.003	0.140
STMLL	-0.167	-0.226	-0.174	0.047	0.146	-0.076	0.102	-0.057	0.100	-0.081	-0.003	0.081
STML	-0.205	-0.339	-0.437	-0.113	0.311	-0.295	0.312	0.177	0.187	-0.274	-0.190	0.219
STFND	-0.027	-0.152	-0.199	-0.010	0.239	-0.108	0.134	0.159	-0.044	-0.202	0.062	0.110
ACRML	0.001	-0.110	-0.289	-0.166	0.069	-0.108	0.234	0.262	-0.019	-0.152	-0.337	0.179
ACRMD	0.173	0.080	-0.012	-0.062	0.014	-0.014	0.073	0.081	-0.010	0.068	-0.144	0.121
NYPAC	-0.251	-0.343	-0.439	-0.065	0.329	-0.369	0.209	0.039	0.043	-0.303	-0.144	0.171
CRMD	-0.061	-0.214	-0.133	0.087	0.242	-0.108	0.205	0.075	-0.053	-0.103	0.084	0.033
CRMD	0.034	-0.019	0.121	0.115	0.032	0.006	0.052	0.116	0.019	0.068	0.167	-0.128
HWGL	0.214	0.334	0.217	0.156	-0.285	0.248	-0.307	-0.228	-0.039	0.360	0.198	-0.004
ILMR	-0.211	-0.308	-0.458	-0.136	0.258	-0.231	0.379	0.261	0.092	-0.226	-0.225	0.243
OBMR	-0.171	-0.169	-0.235	-0.063	0.004	-0.029	0.186	0.122	0.013	-0.122	-0.178	0.093
INFL	-0.016	0.031	-0.022	-0.048	0.023	-0.009	0.065	0.060	0.027	0.207	-0.114	0.242
ACLR	-0.163	-0.157	-0.079	0.077	0.119	-0.019	0.181	0.041	0.166	0.042	-0.019	0.183
ACLR	-0.093	-0.151	-0.311	-0.152	0.043	-0.031	0.203	0.241	0.015	-0.211	-0.284	0.111
CDRLN	-0.239	-0.370	-0.518	-0.133	0.296	-0.366	0.356	0.083	-0.291	-0.235	0.090	0.240
CDRLN	-0.145	-0.316	-0.486	-0.155	0.293	-0.286	0.386	0.325	0.013	-0.340	-0.253	0.245
TFPLR	-0.235	-0.358	-0.383	-0.028	-0.300	0.310	-0.310	-0.172	0.074	0.222	0.126	-0.237
INFL	0.169	0.084	0.058	-0.033	-0.092	-0.006	0.012	-0.049	0.073	0.003	0.046	0.105
LNDRLL	-0.254	-0.398	-0.457	-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	CORLNL	CORLMD	CORTWD	STNKLGL	STBLN	STBWD	ACHLNL	ACHRMD	INPAC	GRNMD
RACHLEN	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	0.095	0.110	-0.080	-0.017	0.212	-0.094	0.151	-0.086	-0.199	-0.036	0.239
NDR	-0.039	0.711	0.391	0.102	0.051	0.437	0.650	0.336	0.433	0.095	0.551	0.224
IDRW	0.076	0.383	0.055	0.196	0.087	0.234	0.300	0.228	0.114	0.295	0.355	0.433
ODRW	-0.033	0.685	0.077	0.160	0.079	0.218	0.570	0.201	0.339	0.160	0.553	0.222
INRND	0.025	0.604	0.200	0.181	0.068	0.387	0.692	0.293	0.688	0.152	0.589	0.352
PKXL	-0.049	0.568	0.191	0.185	0.044	0.237	0.521	0.176	0.392	0.077	0.529	0.115
LDRF	0.064	0.577	0.147	0.058	-0.152	0.806	0.978	0.119	0.332	-0.010	0.451	-0.001
INFL	-0.054	0.762	0.386	-0.175	0.133	0.622	0.782	0.297	0.682	0.228	0.596	0.293
INFW	0.009	0.770	0.309	0.205	0.087	0.343	0.652	0.230	0.643	0.195	0.562	0.329
VANGS	-0.027	0.028	0.004	-0.064	-0.172	0.129	0.048	-0.005	0.001	-0.051	0.005	0.080
VANGB	-0.074	0.252	0.097	0.037	-0.050	0.099	0.315	-0.002	0.112	0.106	0.138	-0.044
SHINL	-0.093	-0.172	-0.222	-0.106	-0.054	-0.167	-0.205	-0.027	0.001	0.173	-0.251	-0.061
LMRRL	-0.042	-0.332	-0.202	-0.152	-0.087	-0.226	-0.339	-0.152	-0.110	0.080	-0.343	-0.214
MXLRL	0.194	-0.432	-0.150	-0.131	-0.001	-0.174	-0.437	-0.159	-0.289	-0.012	-0.439	-0.133
MXHGL	0.280	-0.097	0.099	0.028	0.087	0.047	-0.113	-0.010	-0.166	-0.082	-0.065	0.087
APKAN	0.014	0.182	0.203	-0.144	0.053	0.186	0.311	0.239	0.065	0.014	0.359	0.288
APKPS	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	0.074	0.415	0.287	0.170	0.105	0.102	0.312	0.134	0.234	0.073	0.299	0.805
BSPS	0.037	0.300	0.129	0.100	0.110	-0.057	0.177	0.159	0.262	0.081	0.039	0.075
SVINS	0.017	0.081	0.136	-0.061	-0.120	0.100	0.107	-0.044	-0.019	-0.070	0.043	0.053
HSOEV	0.057	-0.313	0.024	-0.020	-0.064	-0.083	-0.274	-0.202	-0.192	0.068	-0.303	-0.163
PIRSV	0.002	-0.233	-0.027	-0.054	0.003	-0.030	-0.190	0.062	-0.337	-0.144	-0.144	0.084
PTLLN	-0.018	0.128	0.168	-0.018	0.140	0.097	0.219	0.110	0.179	0.121	0.171	0.033
ITLLN	1.000	-0.011	0.072	-0.059	-0.069	0.541	0.023	-0.021	0.024	-0.121	-0.001	0.065
NFLDR	-0.011	1.000	0.164	0.066	0.038	0.815	0.345	0.199	0.809	-0.002	0.477	0.141
CORLNL	0.072	0.164	1.000	0.359	0.357	0.342	0.286	0.250	0.255	0.175	0.198	0.261
CORLMD	-0.109	0.066	0.359	1.000	0.500	0.106	0.051	0.265	0.131	0.324	0.257	0.431
CORTWD	-0.069	0.038	0.357	0.500	1.000	0.090	0.167	0.342	0.159	0.338	0.094	0.306
STNKLGL	-0.061	0.215	0.342	0.106	0.090	1.000	0.388	0.212	0.147	0.091	0.332	0.316
STBLN	0.023	0.545	0.286	0.057	0.187	0.388	1.000	0.230	0.246	0.208	0.446	0.262
STBWD	-0.021	0.199	0.205	0.262	0.342	0.212	0.230	1.000	0.180	0.146	0.272	0.516
ACHLNL	0.024	0.469	0.255	0.131	0.159	0.147	0.330	0.180	1.000	0.427	0.233	0.179
ACHRMD	-0.121	-0.002	0.175	0.324	0.338	0.091	0.208	0.146	0.427	1.000	0.103	0.324
INPAC	0.001	0.477	0.198	0.257	0.099	0.332	0.548	0.272	0.233	0.103	1.000	0.317
GRNMD	0.065	0.141	0.261	0.431	0.306	0.310	0.262	0.516	0.179	0.324	0.317	1.000
CORHMD	-0.149	-0.105	0.123	0.353	0.226	0.114	-0.075	0.232	-0.173	0.163	0.080	0.431
ROHFDH	0.090	-0.679	-0.167	-0.177	-0.039	-0.290	-0.555	-0.166	-0.282	-0.019	-0.275	-0.225
ILBLR	-0.059	0.682	0.395	0.005	0.028	0.101	0.525	0.150	0.466	0.011	0.471	0.033
ODBLR	0.022	0.329	0.212	0.000	0.019	0.152	0.353	0.031	0.252	-0.137	0.249	-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
ODLNR	0.134	0.142	0.681	-0.282	0.070	0.820	0.568	0.057	0.173	-0.019	0.053	0.016
ACLNIR	0.050	0.440	0.176	-0.026	-0.008	0.102	0.471	0.134	0.668	-0.065	0.204	0.031
ODLNR	0.059	0.741	0.307	0.033	0.000	0.882	0.755	0.163	0.668	0.029	0.573	0.000
STFLDR	0.051	0.705	0.186	0.142	0.125	-0.154	0.607	0.229	0.505	0.104	0.495	0.116
TFPLR	0.033	-0.591	-0.246	-0.072	0.057	-0.381	-0.494	-0.135	-0.008	0.146	-0.594	-0.137
INFLNR	-0.010	0.034	0.094	-0.079	0.022	0.153	0.181	-0.090	-0.01	-0.002	0.063	-0.123
LRFLNR	-0.032	0.707	0.294	0.184	0.101	0.341	0.610	0.258	0.353	0.081	0.624	0.331

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	CRNNND	HWOFHD	ISLNR	OBLNR	INVLNR	CLLNR	AGLNR	CORLNR	STLLNR	TFLNR	INFLNR	LNFLNR
RAGHLEN	-0.052	0.433	-0.078	-0.082	-0.115	0.130	0.116	-0.055	-0.051	0.174	-0.085	-0.122
INFDNLN	0.065	0.134	-0.012	-0.061	-0.138	0.166	-0.012	-0.002	-0.106	-0.078	0.031	0.064
WER	-0.078	-0.041	0.110	0.380	0.236	0.226	0.114	0.808	0.619	-0.070	0.176	0.703
IBRW	0.092	-0.449	-0.112	-0.159	-0.393	-0.040	0.111	0.282	0.261	-0.370	0.036	0.442
OSRW	-0.090	-0.055	0.530	-0.034	-0.172	-0.013	0.270	0.680	0.682	-0.505	0.174	0.682
IBROW	-0.090	-0.172	0.687	0.255	-0.203	0.218	0.041	0.757	0.692	-0.073	0.087	0.692
PMKL	-0.077	-0.517	0.552	0.351	0.195	0.081	0.387	0.600	0.534	-0.453	0.009	0.651
LEPR	-0.102	-0.415	0.549	0.343	0.153	0.124	0.165	0.639	0.582	-0.486	0.152	0.486
INFL	-0.140	-0.703	0.794	0.393	0.162	0.298	0.612	0.991	0.768	-0.630	0.200	0.784
INFL	-0.069	-0.594	0.616	0.339	-0.066	0.202	0.597	0.707	0.651	-0.516	-0.345	0.669
VANDS	0.106	-0.021	0.006	0.053	0.001	0.028	0.026	0.009	-0.050	-0.003	0.042	0.065
VANDS	-0.039	-0.274	0.309	0.192	0.168	0.081	0.088	0.312	0.225	-0.283	0.094	0.285
SHNL	0.034	0.216	-0.211	-0.171	-0.016	-0.168	-0.083	-0.239	-0.145	0.235	0.109	-0.254
LANDOL	-0.019	0.134	-0.308	-0.169	0.031	-0.157	-0.151	-0.370	-0.316	0.358	0.084	-0.358
ROXNL	0.121	0.517	-0.456	-0.235	-0.032	-0.079	-0.311	-0.514	-0.486	0.383	0.058	-0.497
MONDL	0.115	0.158	-0.156	-0.063	-0.040	0.077	-0.152	-0.133	-0.155	0.028	-0.033	-0.075
APFNS	0.032	-0.285	0.224	0.004	0.023	0.115	0.003	0.296	0.293	-0.300	-0.090	0.305
APFNS	0.004	0.248	-0.231	-0.009	-0.009	-0.019	-0.031	-0.298	-0.286	0.310	-0.020	-0.299
BRAS	0.092	-0.307	0.379	0.186	0.066	0.181	0.203	0.356	0.386	-0.310	-0.012	0.398
VSFS	0.116	-0.229	0.261	0.182	-0.050	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	0.076
NECV	0.068	0.360	-0.256	-0.122	0.207	0.042	-0.211	-0.251	-0.300	0.222	0.003	-0.132
PINSV	0.167	0.198	-0.225	-0.178	-0.114	-0.015	-0.284	-0.235	-0.223	0.126	0.046	-0.173
PILLN	-0.128	-0.084	-0.243	0.093	0.282	0.183	0.111	0.259	0.249	-0.237	0.105	0.116
IFLNL	0.149	0.090	-0.059	0.002	-0.050	0.138	0.090	0.009	0.021	0.033	-0.010	-0.032
NFLOR	-0.106	-0.679	0.608	0.209	-0.190	0.142	0.440	0.761	0.705	-0.594	-0.036	0.704
CORLNR	0.123	-0.147	0.345	0.212	0.271	0.821	0.776	0.407	0.186	0.818	0.094	0.294
CORLNR	0.153	-0.177	0.065	0.000	-0.021	-0.239	-0.026	0.033	0.192	-0.072	-0.075	0.186
CORTNO	0.226	0.028	0.019	-0.012	0.070	-0.008	0.090	0.125	0.097	0.022	0.022	0.101
STKCOL	-0.114	0.101	0.152	0.130	0.294	0.102	0.382	0.154	-0.191	0.163	0.341	0.161
STBLR	-0.114	0.066	0.353	0.119	0.264	0.471	0.735	0.607	-0.494	0.141	0.610	0.610
STBLR	-0.114	0.157	0.031	-0.092	-0.057	0.134	0.153	0.229	-0.135	-0.096	0.256	0.256
AGHARD	0.163	-0.019	0.011	-0.137	0.028	0.017	0.065	0.029	0.104	-0.166	-0.002	0.081
NVAPC	0.060	-0.375	0.471	0.049	0.075	0.093	0.204	0.495	0.504	0.053	0.624	0.624
CRNNND	0.433	-0.225	0.033	-0.084	-0.229	0.016	0.031	0.000	0.116	-0.157	-0.123	0.331
CRNNND	1.000	0.101	-0.192	-0.067	-0.231	-0.087	-0.280	-0.262	-0.215	0.067	-0.095	-0.100
HWOFHD	0.101	1.000	-0.580	0.206	0.109	-0.053	-0.297	-0.609	0.114	-0.145	-0.678	-0.678
ISLNR	-0.192	-0.580	1.000	0.519	0.397	0.320	0.456	0.837	0.698	-0.636	0.244	0.632
OBLNR	-0.067	-0.206	0.510	1.000	0.398	0.398	0.338	0.951	0.370	-0.292	0.082	0.238
INVLNR	-0.231	-0.109	0.397	0.398	1.000	0.300	0.128	0.236	0.100	-0.157	0.393	-0.040
CLLNR	-0.087	-0.053	0.320	0.218	0.300	1.000	0.188	0.304	0.110	-0.231	0.186	0.191
AGLNR	-0.280	-0.297	0.496	0.338	0.128	0.188	1.000	0.487	0.957	-0.074	-0.027	0.328
CORLNR	-0.282	-0.707	0.837	0.851	0.236	0.309	0.487	1.000	0.776	-0.740	0.561	0.730
STLLNR	-0.215	-0.609	0.699	0.370	0.100	0.110	0.497	0.776	1.000	-0.512	0.107	0.639
TFLNR	-0.217	-0.714	-0.636	-0.292	-0.127	-0.211	-0.078	-0.512	-0.512	1.000	-0.179	-0.690
INFLNR	-0.095	-0.145	0.294	0.082	0.393	0.186	-0.027	0.261	0.107	-0.179	1.000	0.176
LNFLNR	-0.100	-0.876	0.632	0.238	-0.040	0.191	0.388	0.730	0.639	-0.690	0.176	1.000

STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	RACHLEN	INTNOLN	NDR	IBRW	ORW	INROW	PNKL	LBRP	INFL	IRFW	VANGS	VANGB
RACHLEN	1.000	0.632	0.049	0.107	0.101	0.100	0.093	0.043	0.129	0.163	0.041	-0.023
INTNOLN	0.632	1.000	0.025	0.124	0.022	0.116	-0.081	-0.036	-0.052	-0.049	0.076	-0.077
NDR	0.049	0.025	1.000	0.041	0.183	0.097	0.249	0.131	0.689	0.437	0.220	0.225
IBRW	0.107	0.124	0.041	1.000	0.311	0.044	-0.029	-0.018	0.116	0.104	0.037	-0.096
ORW	0.101	0.022	0.183	0.311	1.000	0.511	0.280	0.185	0.391	0.142	-0.008	-0.096
INROW	0.100	0.116	0.097	0.044	0.511	1.000	0.141	0.158	0.696	0.614	0.130	0.058
PNKL	0.093	-0.081	0.249	-0.029	0.280	0.141	1.000	0.374	0.307	0.289	-0.021	-0.013
LBRP	0.043	-0.036	0.131	-0.018	0.185	0.158	0.374	1.000	0.271	0.131	0.059	-0.037
INFL	0.129	0.052	0.689	0.116	0.391	0.696	0.307	0.271	1.000	0.647	0.067	0.187
IRFW	0.163	-0.049	0.437	0.104	0.142	0.614	0.289	0.133	0.647	1.000	0.034	0.038
VANGS	0.041	0.076	0.220	0.037	-0.008	0.130	-0.021	0.059	0.067	0.034	1.000	0.315
VANGB	-0.023	-0.077	0.225	-0.096	-0.008	0.058	-0.013	-0.037	0.187	0.038	0.315	1.000
SHINL	-0.035	-0.072	0.212	0.175	0.162	0.193	0.088	0.135	0.168	0.025	0.012	-0.009
LINDRL	-0.168	-0.170	0.127	0.030	0.100	0.042	0.078	0.109	0.060	-0.047	-0.096	-0.204
NSLNL	0.097	0.133	-0.108	0.040	0.000	-0.043	-0.161	-0.082	-0.153	-0.203	0.005	0.002
MMWOL	0.189	0.295	-0.215	0.028	-0.106	-0.114	-0.202	-0.148	-0.195	-0.133	0.085	0.167
APKAN	0.048	0.190	0.036	0.046	-0.157	-0.066	-0.054	-0.097	-0.045	0.075	0.081	0.074
AYXPC	-0.019	-0.017	0.000	-0.009	-0.053	0.013	-0.019	0.059	-0.019	-0.024	0.050	-0.066
RSAN	0.102	0.080	0.081	0.009	0.077	0.214	0.019	0.078	0.200	0.174	0.179	0.296
BSFS	0.071	0.054	0.004	0.044	0.148	0.303	0.146	0.184	0.249	0.200	0.245	0.331
SVINS	0.054	0.040	0.072	-0.069	-0.051	0.012	-0.041	-0.038	-0.004	0.076	0.310	0.197
NSECV	-0.005	0.018	0.073	-0.040	-0.099	-0.093	-0.050	0.066	-0.037	-0.039	0.136	0.246
PIRSV	0.164	0.260	-0.126	0.061	-0.081	-0.113	-0.004	-0.117	-0.213	-0.305	0.100	-0.066
PTLLN	0.160	0.040	0.117	-0.024	0.079	-0.030	0.109	-0.060	0.149	0.059	-0.055	-0.174
ITLLN	0.161	0.093	-0.097	0.044	-0.080	-0.019	-0.095	0.075	-0.087	-0.027	-0.028	-0.090
INFLR	0.114	0.012	0.332	0.113	0.168	0.708	0.189	0.151	0.477	0.213	0.020	0.046
CORLLN	0.071	0.098	0.286	-0.033	0.102	0.176	0.068	0.022	0.346	0.220	0.001	0.033
COILMD	-0.136	-0.087	0.101	0.171	0.125	0.103	0.157	-0.008	0.155	0.189	-0.066	0.007
COILMD	0.030	-0.020	0.032	0.078	0.024	0.024	-0.024	-0.215	0.163	0.083	-0.172	-0.074
STOKLOL	0.097	0.203	0.249	0.089	-0.025	0.140	-0.002	-0.019	0.219	0.116	0.134	-0.015
STBLK	-0.059	-0.139	0.301	0.031	0.280	0.330	0.179	0.151	0.563	0.363	0.054	0.166
STBMD	0.176	0.141	0.272	0.152	0.077	0.210	0.054	-0.008	0.211	0.257	-0.009	-0.070
ASMLN	0.136	-0.110	0.330	-0.016	0.195	0.451	0.274	0.203	0.750	0.639	-0.062	0.029
ACHMD	-0.012	-0.158	0.166	0.234	0.260	0.101	0.113	-0.000	0.185	0.203	-0.058	0.116
NYFAC	-0.094	-0.008	0.095	0.125	0.188	0.083	0.191	0.171	0.164	0.135	-0.005	-0.084
CRKMD	0.130	0.231	0.110	0.391	0.119	0.330	-0.015	-0.148	0.204	0.260	0.080	-0.112
CRKMD	-0.026	-0.068	-0.068	0.122	-0.028	0.030	-0.063	-0.093	-0.168	-0.054	0.107	-0.048
MMOFMD	0.573	0.284	-0.149	-0.217	-0.291	-0.374	-0.072	0.007	-0.261	-0.118	-0.018	-0.076
IBLNR	-0.024	-0.076	0.440	-0.611	0.122	0.182	0.212	0.252	0.509	0.292	-0.003	0.152
IBLNR	-0.054	-0.091	0.161	-0.374	-0.117	0.106	0.163	0.168	0.178	0.116	0.052	0.092
INVLNR	-0.113	-0.139	0.353	-0.437	-0.240	-0.378	0.193	0.182	0.248	-0.101	0.001	0.174
QILLNR	-0.148	0.158	0.235	-0.128	-0.183	0.121	-0.040	0.026	0.259	0.110	0.027	0.030
ACLNR	0.153	-0.035	0.268	-0.188	0.070	0.325	0.246	0.227	0.607	0.546	0.023	-0.059
COLLNR	0.031	-0.090	0.494	-0.130	0.293	0.316	0.184	0.147	0.701	0.307	-0.032	0.124
STLLNR	0.011	-0.002	0.225	-0.035	0.192	0.118	0.192	0.209	0.523	0.244	-0.079	0.034
TFLLNR	0.174	-0.046	-0.171	-0.064	-0.063	-0.030	0.098	-0.068	-0.027	0.108	0.011	-0.081
INFLNR	-0.077	0.029	0.161	-0.050	0.057	0.150	0.203	0.175	0.203	-0.504	0.041	0.068
LNFIR	-0.101	0.025	0.259	0.206	0.353	0.324	0.342	0.083	0.470	0.282	0.085	0.074

STEPWISE DISCRIMINANT ANALYSIS
POOLED WITHIN CLASS CORRELATIONS

	SIHL	LYMDL	MOXNL	MOXDL	APKAN	APKPS	DSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RAD LEN	-0.035	-0.148	0.097	0.189	0.062	-0.019	0.102	0.071	0.059	-0.005	0.164	0.140
INTWLN	-0.072	-0.170	0.131	0.256	0.100	-0.017	0.088	0.058	0.010	0.018	0.260	0.000
YBR	0.212	0.127	-0.108	-0.215	0.036	0.070	0.081	0.208	0.072	0.075	-0.126	0.111
DRW	0.175	0.030	0.080	0.028	0.046	-0.009	0.039	0.008	-0.069	-0.040	0.067	-0.024
GUMW	0.162	0.190	0.020	-0.106	-0.127	-0.023	0.077	0.148	-0.091	-0.099	-0.081	0.079
HHGW	0.193	0.042	-0.083	-0.114	-0.066	-0.214	0.216	0.303	0.012	-0.093	-0.113	-0.030
MOUL	0.040	-0.078	-0.161	-0.208	-0.050	-0.015	0.019	0.146	-0.003	-0.050	-0.084	0.109
LBAP	0.135	0.105	-0.092	-0.148	-0.237	0.059	0.078	0.104	-0.038	0.056	-0.117	-0.060
LBFL	0.168	0.080	-0.153	-0.195	-0.045	-0.019	0.200	0.249	-0.004	-0.037	-0.213	0.189
INFW	0.022	-0.067	0.203	-0.133	0.075	-0.028	0.179	0.280	0.074	-0.039	-0.205	0.059
VANGS	0.012	-0.096	0.005	0.085	0.081	0.050	0.139	0.245	0.310	0.136	0.100	-0.055
VANGR	-0.049	-0.204	0.002	0.167	0.074	-0.046	0.296	0.331	0.197	0.246	-0.066	-0.174
SNLNL	1.000	0.753	0.505	-0.501	-0.560	-0.500	-0.232	-0.362	-0.223	0.026	-0.072	0.066
LYMDRL	0.753	1.000	0.304	-0.593	-0.365	-0.089	-0.542	-0.059	-0.230	0.093	-0.079	0.157
AMULN	0.205	0.304	1.000	0.557	-0.261	0.135	-0.005	0.116	-0.143	0.357	0.197	0.363
MOXDL	-0.501	-0.593	0.557	1.000	0.135	0.181	0.471	0.123	0.073	0.500	0.223	0.171
APKAN	-0.260	-0.365	-0.261	0.135	1.000	-0.376	0.093	-0.084	0.156	-0.027	0.138	-0.121
APKPS	-0.200	-0.089	0.135	0.181	-0.376	1.000	0.063	-0.011	0.098	0.218	-0.040	0.079
-SAN	-0.252	-0.526	-0.005	0.471	0.093	0.063	1.000	0.542	0.211	0.119	0.018	-0.118
LYPS	0.262	-0.099	0.118	0.123	-0.088	-0.011	0.542	1.000	0.045	0.184	-0.024	-0.136
APKPS	-0.223	-0.210	-0.183	0.073	0.156	0.038	0.211	0.045	1.000	0.268	-0.117	-0.156
SVINS	0.026	0.099	0.357	0.200	-0.027	0.018	0.119	0.188	0.268	1.000	-0.170	0.198
PINSV	-0.072	-0.079	0.197	0.223	0.138	-0.040	0.018	-0.029	-0.117	-0.170	1.000	0.020
PTLLN	0.086	0.157	0.363	0.171	0.121	0.079	-0.118	-0.156	0.198	0.020	0.020	1.000
INTLN	-0.005	-0.026	0.259	0.281	-0.006	0.102	0.064	0.029	0.013	0.076	0.092	-0.028
NFLOR	0.134	0.072	-0.035	-0.109	-0.180	0.076	0.215	0.332	0.006	-0.066	-0.123	-0.058
CORLLN	-0.160	-0.156	-0.033	0.109	0.129	0.009	0.225	0.084	0.117	0.116	0.019	-0.042
CORLMD	-0.077	-0.118	-0.091	0.032	0.114	-0.097	0.018	0.122	-0.073	0.018	-0.034	-0.042
CORTWD	-0.043	-0.077	0.025	0.088	0.001	-0.071	0.097	0.101	0.124	-0.053	0.012	0.134
STPKOL	-0.045	-0.047	0.045	0.064	-0.001	0.062	-0.048	-0.156	0.067	0.063	0.082	0.000
STBLN	0.029	-0.013	-0.115	-0.122	0.075	-0.040	0.068	0.041	0.029	-0.048	-0.074	0.092
STBWD	0.050	-0.053	-0.090	-0.003	0.172	-0.038	0.050	0.117	-0.068	-0.136	0.111	0.064
ACPLRN	0.115	0.048	-0.155	-0.164	-0.059	-0.006	0.136	0.211	-0.052	-0.048	-0.229	0.119
ADKWD	0.178	0.082	-0.025	-0.083	0.023	-0.155	0.086	0.087	0.068	0.066	-0.151	0.129
RYFAC	-0.035	-0.018	-0.117	-0.058	0.101	-0.002	-0.061	-0.189	-0.035	-0.088	-0.010	0.025
ORNGWD	0.008	-0.133	-0.026	0.095	0.181	0.043	0.141	0.032	0.033	-0.032	0.131	-0.014
ORNGWD	0.021	-0.001	0.116	0.114	0.053	-0.010	0.074	0.129	0.045	0.056	0.162	-0.101
NWROFD	-0.078	-0.085	0.177	0.207	0.022	-0.021	-0.028	-0.094	0.062	0.137	0.065	0.147
IBLWR	0.035	0.055	-0.131	-0.156	-0.066	0.006	0.176	0.154	0.330	0.036	-0.118	0.121
CELWR	-0.021	-0.020	-0.030	-0.025	-0.105	-0.113	0.052	0.111	-0.020	0.016	-0.112	0.008
INVLWR	-0.014	0.040	-0.021	-0.046	0.021	-0.027	0.093	-0.063	0.027	0.226	-0.119	0.247
CELULR	-0.111	-0.080	0.023	0.085	0.051	0.049	0.125	0.002	0.171	0.116	0.022	0.149
CELULR	0.033	-0.019	-0.105	-0.149	-0.074	-0.091	0.090	0.183	-0.020	-0.105	-0.236	0.039
CORLWR	0.080	0.086	-0.126	-0.189	-0.050	-0.029	0.103	0.153	-0.063	0.018	-0.119	0.127
STLWR	0.122	0.011	-0.187	-0.180	0.044	-0.040	0.191	0.204	-0.078	0.138	-0.159	0.126
TFLWR	-0.063	-0.072	-0.108	0.003	0.017	0.067	-0.017	0.007	0.019	-0.119	-0.063	-0.092
INFLWR	0.151	0.152	0.132	-0.030	-0.138	0.013	-0.052	-0.072	-0.083	0.040	0.067	0.087
LNFRH	0.006	-0.034	-0.141	-0.077	0.019	0.017	0.184	0.179	-0.000	-0.093	-0.026	-0.092

STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	INTLN	%FLOR	CORLLN	CORLMD	CORTHD	STHKLCL	STBLN	STBMD	ACKMLN	ACKMWD	KVPAC	CRMDWD
RACMLN	0.161	0.118	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	0.298	-0.087	0.203	-0.129	0.181	-0.110	-0.158	-0.068	0.231	
MR	-0.097	0.032	0.286	0.101	0.032	0.249	0.301	-0.272	0.166	0.095	0.110	
IBRM	0.044	0.113	-0.023	0.171	0.078	0.089	0.031	0.155	-0.016	0.234	0.125	0.391
OSHW	-0.080	0.268	-0.102	0.125	0.070	-0.055	0.220	0.077	0.195	0.260	0.188	0.119
IRDM	-0.019	0.708	0.176	0.103	0.064	0.140	0.334	0.210	0.451	0.301	0.083	0.250
PMKL	-0.095	0.189	0.064	0.157	0.024	-0.002	0.179	0.054	0.274	0.113	0.191	-0.015
LBPD	0.075	0.151	0.022	-0.008	-0.215	-0.019	0.151	-0.008	0.203	-0.000	0.171	-0.108
INFL	-0.087	0.477	0.348	0.155	0.163	0.119	0.565	0.211	0.750	0.385	0.164	0.204
WFM	-0.027	0.513	0.220	0.189	0.083	0.116	0.363	0.237	0.639	0.293	0.135	0.268
WAFGR	-0.028	0.001	-0.066	-0.172	0.134	0.024	-0.009	-0.009	-0.008	-0.005	0.000	0.000
VANDR	-0.090	0.046	0.033	0.097	-0.074	-0.015	0.166	-0.070	0.025	0.116	-0.084	-0.112
SEHNT	-0.085	0.134	-0.160	-0.077	-0.040	-0.040	0.050	0.115	0.178	0.045	0.008	
LINWDL	-0.026	0.072	-0.156	-0.110	-0.077	-0.047	-0.013	-0.053	0.048	0.082	-0.018	0.133
KOHLN	0.259	-0.035	-0.033	-0.091	0.025	0.045	-0.115	-0.054	-0.155	-0.025	-0.117	-0.026
PKML	0.281	-0.109	0.109	0.032	0.088	0.064	0.122	-0.003	-0.164	-0.081	-0.058	0.095
APKAN	-0.006	-0.180	0.109	0.114	0.041	-0.001	0.075	0.172	-0.099	0.023	0.101	0.181
APKPS	0.102	0.076	0.007	-0.057	-0.071	0.062	-0.040	-0.038	-0.006	-0.165	-0.202	-0.043
BSAM	0.064	0.515	0.225	0.148	0.097	-0.046	0.088	0.058	0.136	0.065	-0.061	0.181
BSFS	0.029	0.332	0.084	0.122	0.104	-0.156	0.041	0.117	0.211	0.087	-0.149	0.032
SVLNS	0.013	0.605	0.111	-0.071	-0.124	0.067	0.052	-0.068	-0.052	-0.068	-0.035	0.033
RECIV	-0.076	-0.066	0.116	0.018	-0.093	0.083	-0.048	-0.136	0.049	0.066	-0.088	-0.032
PINSW	0.092	-0.123	0.019	-0.034	0.012	0.082	-0.074	0.111	-0.295	-0.151	-0.010	0.131
FTLLN	-0.008	-0.068	0.123	-0.042	0.134	0.000	0.092	0.064	0.119	0.129	0.025	-0.014
FTLLP	-0.000	-0.062	0.065	-0.113	-0.070	-0.082	-0.004	-0.030	0.012	-0.120	-0.036	0.058
RZL	0.062	1.000	-0.004	-0.015	0.012	-0.112	0.094	0.058	0.252	0.017	-0.086	-0.017
CORL	0.005	-0.004	1.000	0.347	0.350	0.205	0.165	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	0.166	0.327	0.256	0.421
CORTLN	-0.070	0.012	0.338	0.499	1.000	0.081	0.215	0.342	0.154	0.339	0.090	0.305
STHKLCL	-0.002	-0.112	0.285	0.074	0.081	1.000	0.197	0.184	0.038	0.106	0.119	0.204
STBLN	-0.004	0.094	0.190	-0.013	0.215	0.197	1.000	0.119	0.472	0.293	0.149	0.174
STBMD	-0.030	0.058	0.164	0.207	0.342	0.148	0.119	1.000	0.128	0.153	0.176	0.404
ACKMLN	0.012	0.298	0.202	0.106	0.154	0.038	0.472	0.124	1.000	0.453	0.047	0.127
ACKMWD	-0.120	0.017	0.133	0.327	0.339	0.106	0.293	0.123	0.453	1.000	0.194	0.334
KVPAC	-0.036	-0.046	0.069	0.254	0.090	0.115	0.189	0.176	0.047	0.154	1.000	0.250
CRMDWD	0.058	-0.017	0.226	0.421	0.305	0.264	0.174	0.494	0.127	0.334	0.250	1.000
CRMDWD	0.151	-0.110	0.136	0.355	0.228	0.142	-0.061	0.247	-0.166	0.763	0.099	0.449
WANDPD	0.136	-0.295	0.038	-0.156	-0.013	0.001	-0.096	0.081	-0.046	-0.045	-0.134	-0.111
IBLMR	-0.119	0.262	0.271	-0.006	0.000	0.050	0.303	0.011	0.375	0.032	0.023	-0.149
ODLMR	-0.008	0.682	0.145	-0.020	0.094	0.013	0.131	0.094	0.158	-0.181	0.002	-0.175
INFLMR	-0.050	-0.292	0.276	-0.021	-0.013	0.138	0.153	0.096	0.108	-0.027	0.094	-0.235
CORLLMR	0.133	0.013	0.814	-0.252	0.065	0.249	0.199	0.020	0.127	-0.016	-0.089	-0.021
ACLMR	0.081	0.110	0.112	-0.063	0.023	-0.026	0.358	0.094	-0.063	-0.021	0.038	
CORLMR	-0.042	0.378	0.224	-0.091	0.013	0.133	0.081	-0.045	0.411	0.077	0.051	0.304
STLLMR	-0.007	0.408	0.050	0.101	0.133	-0.000	0.288	0.116	0.430	0.156	0.082	-0.028
INFLR	-0.106	0.006	-0.120	0.013	0.147	0.062	0.149	0.062	0.389	0.217	-0.141	0.041
INFLMR	-0.014	-0.162	0.076	-0.090	0.018	0.138	0.105	-0.120	-0.047	-0.001	0.000	-0.146
LNFLMR	-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

	CRHMD	NHNOFHD	IBLNR	OBLNR	INVLNR	CRLLNR	ACLLNR	CORLNR	STLLNR	TFLPLR	INFLNR	LRNFHR
RACHLEN	-0.056	0.573	-0.024	-0.094	-0.115	0.188	0.153	0.031	0.011	0.176	-0.077	-0.101
INTRDLR	0.066	0.284	-0.076	-0.091	-0.139	0.158	-0.035	-0.090	-0.202	-0.046	0.025	0.025
NBR	-0.068	-0.112	0.140	0.151	0.333	0.236	0.248	0.404	0.223	-0.171	0.161	0.299
IBRW	0.122	-0.217	-0.611	-0.374	-0.437	-0.128	-0.148	-0.130	-0.035	-0.064	-0.004	0.206
ODRW	-0.022	-0.291	0.122	-0.417	-0.240	-0.143	0.070	0.253	0.342	-0.063	0.150	0.353
INMWR	0.030	-0.374	0.182	-0.106	-0.378	0.121	0.325	0.346	0.316	-0.030	-0.057	0.591
PMKL	-0.063	-0.072	0.212	0.163	0.193	-0.040	0.246	0.184	0.192	0.098	-0.054	0.442
LBPR	-0.093	0.001	0.252	0.168	0.182	0.026	0.227	0.347	0.250	-0.058	0.119	0.083
INFL	-0.168	-0.261	0.565	0.178	0.248	0.259	0.607	0.701	0.523	-0.027	0.203	0.470
INFW	-0.054	-0.118	0.292	0.116	-0.101	0.110	0.546	0.307	0.334	0.108	-0.584	0.242
VANGS	0.107	-0.018	-0.003	0.052	0.001	0.067	0.053	-0.002	-0.079	0.011	0.041	0.085
VANGB	-0.048	-0.076	0.152	0.092	0.174	0.030	-0.055	0.124	0.036	-0.081	0.069	0.096
SHINL	0.021	-0.078	0.035	-0.021	-0.014	-0.111	0.033	0.080	0.122	-0.063	0.151	0.008
INMRL	-0.047	-0.085	0.055	0.060	-0.060	0.015	0.066	0.031	-0.072	0.152	-0.034	0.034
PKLNL	0.116	0.177	-0.131	-0.039	-0.021	0.023	-0.165	-0.126	-0.187	-0.108	0.132	-0.145
MANGL	0.114	0.207	-0.156	-0.055	-0.046	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	-0.074	-0.050	0.044	0.017	-0.138	0.015
APXPS	-0.010	-0.023	0.006	0.113	-0.007	0.045	0.091	-0.029	-0.080	0.067	0.013	0.017
BSAR	0.074	-0.028	0.176	0.092	0.003	0.125	0.090	0.103	0.191	-0.011	-0.052	0.184
BSPS	0.129	-0.094	0.154	0.111	-0.063	0.002	0.183	0.153	0.244	0.007	-0.072	0.179
SVING	-0.045	0.062	0.030	-0.028	0.027	0.171	-0.020	-0.003	-0.078	0.014	-0.083	-0.000
NSECV	0.056	0.137	0.036	0.016	-0.286	0.116	-0.105	0.018	-0.138	-0.119	0.040	-0.093
PIRSV	0.162	0.065	-0.118	-0.112	-0.115	0.022	-0.234	-0.119	-0.159	-0.063	0.067	-0.026
PTLLN	-0.121	0.147	0.161	0.008	0.247	0.149	0.039	0.127	0.126	-0.092	0.057	0.032
ITLNL	0.151	0.186	-0.119	0.008	-0.090	0.133	0.041	-0.042	-0.007	0.106	-0.014	-0.096
INFLR	-0.110	-0.285	0.262	0.082	-0.296	0.013	0.310	0.378	0.408	0.006	-0.162	0.310
CORLLR	0.135	0.038	0.271	0.142	0.276	0.814	0.112	0.224	0.050	-0.120	0.076	0.198
CORLUD	0.359	-0.156	-0.006	-0.040	-0.021	-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	-0.023	-0.013	0.133	0.147	0.018	0.169
STRKLOL	0.142	0.001	0.060	0.013	0.138	0.249	-0.026	0.133	-0.000	-0.142	0.138	0.088
STBLN	-0.061	-0.096	0.303	0.153	0.153	0.199	0.358	0.441	0.288	0.075	0.105	0.216
STBMD	0.247	-0.001	0.011	-0.054	-0.096	0.020	0.069	-0.046	0.116	-0.062	-0.120	0.149
ADKML	-0.168	-0.066	0.375	0.158	0.108	0.127	0.834	0.811	0.440	0.309	-0.067	0.267
ADKMD	0.163	-0.045	0.032	-0.141	-0.027	-0.016	-0.063	0.077	0.156	0.217	-0.001	0.146
WYAC	0.094	0.134	0.023	0.002	0.064	0.089	-0.021	0.062	-0.020	-0.141	0.000	0.242
CRHMD	0.049	-0.111	-0.149	-0.175	-0.235	-0.021	-0.038	-0.304	-0.028	0.041	-0.146	-0.278
CRHMD	1.000	0.105	-0.224	-0.095	-0.230	-0.091	-0.262	-0.366	-0.251	0.052	-0.091	-0.103
NHNOFHD	0.105	1.000	-0.112	0.138	0.179	0.131	-0.075	-0.203	-0.267	0.267	-0.114	-0.708
IBLNR	-0.224	-0.112	1.000	0.390	0.540	0.277	0.394	0.657	0.436	-0.201	0.248	0.230
OBLNR	-0.055	0.134	0.390	1.000	0.426	0.166	0.247	0.275	0.173	0.007	0.051	-0.075
INVLNR	-0.230	0.179	0.540	0.426	1.000	0.303	0.133	0.009	0.128	-0.199	0.348	0.070
CRLLNR	-0.081	0.131	0.277	0.166	0.303	1.000	0.139	0.284	-0.014	-0.150	0.132	0.088
ACLLNR	-0.285	-0.073	0.394	0.247	0.133	0.139	1.000	0.407	0.395	0.328	-0.051	0.226
CORLNR	-0.366	-0.203	0.657	0.275	0.407	0.284	0.407	1.000	0.565	-0.239	0.327	0.275
STLLNR	-0.291	-0.193	0.436	0.173	0.168	-0.014	0.295	0.526	1.000	0.056	0.059	0.263
TFLPLR	0.052	0.267	-0.201	0.007	-0.029	0.328	0.250	-0.219	0.056	1.000	-0.173	-0.114
INFLNR	-0.091	-0.114	0.248	0.051	0.394	0.132	-0.051	0.327	0.059	-0.173	1.000	0.161
LRNFHR	-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	ENTERED	VARIABLE REMOVED	NUMBER IN	PARTIAL R ²	F STATISTIC	PROB > F	WILKS' LAMBDA	PROB < LAMBDA	AVERAGE SQUARED CANONICAL CORRELATION	PROB > ASSOC
1	INXOW		1	0.6937	335.201	0.0001	0.30629063	0.0001	0.69370937	0.0001
2	TFLPLR		2	0.3304	72.524	0.0001	0.20510136	0.0001	0.79489864	0.0001
3	SHINL		3	0.1009	16.380	0.0001	0.18441154	0.0001	0.81558846	0.0001
4	PHXL		4	0.0952	15.264	0.0001	0.16684751	0.0001	0.83315249	0.0001
5	CORLWR		5	0.0574	8.761	0.0036	0.15787980	0.0001	0.84272120	0.0001
6	CORLWR		6	0.0370	5.408	0.0205	0.15146504	0.0001	0.84053406	0.0001
7	APKAN		7	0.0000	4.701	0.0318	0.14661211	0.0001	0.83387899	0.0001
8	CRNMD		8	0.0257	3.712	0.0560	0.14285115	0.0001	0.85718885	0.0001
9	RVPAC		9	0.0185	2.646	0.1061	0.14020701	0.0001	0.85978859	0.0001
10	INFL		10	0.0215	3.053	0.0828	0.13718823	0.0001	0.86261177	0.0001
11	GBLWR		11	0.0227	3.211	0.0753	0.13406896	0.0001	0.86595104	0.0001
12	SHINL	CRNMD	12	0.0131	1.825	0.1789	0.13586213	0.0001	0.86815787	0.0001
13	LINORL		13	0.0157	2.197	0.1406	0.13371343	0.0001	0.86628657	0.0001
14			14	0.0030	0.426	0.5181	0.13412023	0.0001	0.86587977	0.0001
15	PTLLN		15	0.0166	2.351	0.1291	0.13186228	0.0001	0.86819772	0.0001
16	CRNMD		16	0.0164	2.279	0.1334	0.12973409	0.0001	0.87026591	0.0001
17	CRNMD		17	0.0153	2.114	0.1483	0.12774672	0.0001	0.87225128	0.0001

APPENDIX III B

Summary of Stepwise Discriminant Analysis
for 136 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

VARIABLE	CLASS MEANS	
	DISCOLOR	UNIFLORA
RACHLEN	-0.08275	0.23216
INTRODLN	0.08047	-0.22577
LNMDRL	-0.18781	0.51953
MCULRL	-0.22716	0.12232
POODL	-0.09492	0.27710
APPAH	0.07377	-0.18136
APXPS	0.04657	-0.17482
BSAM	0.13240	-0.40689
BSPS	0.08536	-0.23081
SVINS	-0.08950	0.28845
NSCOV	-0.14056	0.10005
PINSV	-0.22057	0.64050
PTLLN	0.14097	-0.33771
INTLN	-0.04133	0.12100
MBN	0.51946	-1.41367
IBRL	0.89101	-1.33871
OSRL	0.90742	-1.37195
IBUW	0.30942	-0.87006
OPHW	0.46417	-1.25588
PKKL	0.48601	-1.31298
LBUP	0.42214	-1.12354
IL LOR	0.48832	-1.35782
CONLLS	0.26214	-1.01615
CORLMD	0.15787	-0.44291
CORLMD	0.36795	-1.01396
LCTPFA	0.42095	-1.16115
IRCH	0.45889	-1.26703
IRFL	0.47241	-1.30513
IRKLN	0.43143	-1.19202
AKKLN	0.38918	-1.07718
STKLOL	0.17082	-0.40527
VICKOLN	0.02147	-0.10350
CRPHMD	0.35142	-0.95066
CRPHMD	0.11280	-0.31500
VANGS	-0.02846	0.15129
VANGS	0.19603	-0.56488
SAHRL	-0.14809	0.50213
NVNOFHD	-0.49136	1.38414
IBLWR	0.43095	-1.16773
OBLWR	0.13156	-0.33870
INVLR	-0.16694	0.46553
ORLLWR	0.28238	-0.74083
CORLWR	0.14534	-0.47034
CORLWR	0.34638	-0.94802
ITLLBR	0.15666	-0.41133
ITFLPLR	-0.47454	1.89924
INTFLR	-0.23152	0.66795
LRNPHR	0.43579	-1.22262
ALFWLR	-0.27852	0.77397
LEPPCLR	0.14774	-0.37583

STEPWISE DISCRIMINANT ANALYSIS

STANDARD DEVIATIONS

VARIABLE	TOTAL SAMPLE	WITHIN CLASS
RACHLN	1.00000	0.99396
INTNDLN	1.00000	0.99447
LINDRL	1.00349	0.95717
ROULRL	1.00351	0.90818
ROUGL	1.00311	0.99322
APKAS	0.99302	0.99196
APKPS	0.99438	0.99223
BSAN	0.99712	0.97166
BSFS	0.99285	0.98183
SVYRE	0.99697	0.98652
NSCEV	1.00353	0.97609
FHEV	1.00301	0.95330
PTLLN	0.98737	0.96823
WTLN	1.00367	1.00472
NBR	0.99452	0.91161
IBRL	0.99642	0.90484
CBRL	0.99348	0.94702
IBRW	1.00365	0.86098
GBRW	0.99732	0.64311
PMKL	0.99026	0.99251
LBWP	0.98566	0.73559
NFLOR	0.99408	0.90088
CORLLN	1.00367	0.80084
CORLND	1.00315	0.97224
CORLTH	1.00206	0.79756
LCTPFA	1.00179	0.72037
IMV	1.00167	0.63009
INFL	0.99973	0.61936
PMKLN	1.00209	0.70213
AMKLN	1.00264	0.76813
STKXLD	1.00350	0.96428
VACOKLN	1.00331	1.00511
CRKWD	1.00061	0.81865
CRKWD	1.00367	0.98937
VANGD	1.00365	1.00322
VANGD	1.00261	0.94807
SHHL	1.00284	0.97652
RMWDH	1.00000	0.56072
IBLWR	0.99990	0.70718
GBLWR	0.99715	0.87900
HVLR	1.00365	0.96742
ORLWR	1.00356	0.90374
CORLWR	1.00104	0.77675
CORLWR	1.00199	0.82611
STLWR	0.99986	0.97184
TFLWR	0.99885	0.62150
INFLWR	1.00342	0.92417
LEWWR	1.00000	0.68317
ALPWR	1.00381	0.89267
LOPFLA	1.00323	0.98078

STEPWISE DISCRIMINANT ANALYSIS
WITHIN-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RACHLEN	-0.08526	0.23359
INTHOLN	0.08092	-0.22702
LIMDRL	-0.19811	0.54857
HKLQL	-0.28033	0.79771
HKWGL	-0.09042	0.27614
APYAN	0.56917	-0.19007
APKPS	0.03652	-0.16817
BSAN	0.14625	-0.01031
BSPS	0.07879	-0.22104
SVIRS	-0.10067	0.28254
WECOV	-0.14524	0.40797
PIJSV	-0.23964	0.67233
PILLN	0.12991	-0.36446
IFELN	-0.04316	0.12109
NDR	0.99289	-2.78562
IDRL	0.52113	-2.30617
CDRL	0.89856	-2.52026
IDRM	0.35996	-1.00997
ODRH	0.70689	-1.98353
PPKL	0.79819	-2.23938
LDRP	0.96907	-1.59855
NFLOR	0.80758	-2.86570
CORLLN	0.45225	-1.26880
CORLMP	0.15957	-0.46767
CORTWD	0.45529	-1.27733
LCTYFA	0.27712	-1.61913
ITW	0.59594	-1.97138
IFEL	0.75543	-2.19229
FWLH	0.50781	-1.70385
AWKL	0.50164	-1.80737
STKQL	0.77879	-0.50161
VACKLH	0.03581	-0.10067
ORNRWD	0.02116	-1.18159
ORNRWD	0.11357	-0.31863
VANGS	-0.05392	0.19187
VANGS	0.21090	-0.59146
SHNL	-0.14811	0.41354
RWNOFHO	-0.87965	0.66899
IBLHR	0.59517	-1.66979
ODLWR	0.12676	-0.35563
IKYLMR	-0.17207	0.08274
CDLHR	0.29170	-0.81817
CDLHR	0.18949	-0.81941
CDLHR	0.41101	-1.15311
STLLR	0.15164	-0.61704
TFLPLR	-0.75013	2.10953
IFLPLR	-0.25669	0.72016
LIKFLR	-0.63789	-1.78968
ALFLR	-0.30589	0.85911
LOFLR	0.13787	-0.36680

STEPWISE DISCRIMINANT ANALYSIS
TOTAL-STANDARDIZED CLASS MEANS

VARIABLE	DISCOLOR	UNIFLORA
RACHLEN	-0.08275	0.23216
IRINDLN	0.08047	-0.22577
LRNDLN	-0.16515	0.51908
MXLNL	-0.25730	0.72188
NAQDL	-0.09745	0.27311
APXAN	0.05896	-0.19347
APXPS	0.05845	-0.16396
BSAN	0.14252	-0.30081
DSFS	0.07019	-0.21592
SVINS	-0.09466	0.27968
NSECV	-0.14159	0.39723
PIKSV	-0.22299	0.62561
PTLLN	0.12717	-0.25718
IRTLN	-0.04321	0.12122
ASR	0.51077	-1.43299
IBRL	0.14823	-1.25376
OBRL	0.09656	-1.39313
ISRW	0.20851	-0.85618
OSRW	0.42583	-1.27867
PKKL	0.47759	-1.33590
LSRF	0.11159	-1.15247
NFLOR	0.47955	-1.34543
CORLLN	0.36585	-1.07240
CORLMD	0.15465	-0.63388
CORTVO	0.26216	-1.01666
LCTFA	0.41109	-1.16485
IRWF	0.45277	-1.27027
IRFL	0.46800	-1.31307
FRCLN	0.42572	-1.19439
ANKLN	0.38431	-1.07819
STWJDL	0.17160	-0.48200
VADKLN	0.03398	-0.10065
CORMD	0.34457	-0.96672
CIMMD	0.11129	-0.31409
VANGS	-0.05389	0.15120
VANGD	0.19943	-0.55951
SH:RL	-0.14823	0.48464
MMOFND	-0.49316	1.38414
IBLR	0.42151	-1.10257
ORLAR	0.12441	-0.34905
IAVLR	-0.16305	0.46531
ORLLMR	0.40566	-0.73697
CORLMR	0.14509	-0.40818
CORLMR	0.33809	-0.94105
STLLR	0.14927	-0.41879
7FLR	-0.46675	1.30946
IRFLR	-0.23546	0.66326
IRFHR	0.43579	-1.29256
ALVLR	-0.27463	0.73329
LOPFLR	0.13078	-0.47874

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	RACHLEN	INTNDLN	INDRL	KKLN	KKMDL	APKAR	APKPS	BSAN	BSPS	SVINS	SV	PINSV	PTLLN
RACHLEN	1.000	0.623	0.120	0.216	0.097	-0.090	-0.104	-0.136	-0.093	-0.002	0.088	-0.013	0.097
INTNDLN	0.623	1.000	0.045	0.114	0.071	-0.094	-0.129	0.017	-0.047	-0.127	-0.067	0.007	0.225
INDRL	0.120	0.045	1.000	0.095	-0.371	-0.471	0.037	-0.500	0.028	-0.292	0.220	0.138	0.294
KKLN	0.216	0.114	0.095	1.000	0.608	-0.270	0.030	-0.157	0.123	0.042	0.572	0.308	0.165
KKMDL	0.097	0.071	-0.371	0.608	1.000	0.115	0.002	0.281	0.081	0.237	-0.383	0.124	0.119
APKAR	-0.090	-0.064	-0.471	-0.270	0.115	1.000	-0.408	0.051	-0.181	0.231	-0.150	-0.077	-0.245
APKPS	-0.104	-0.129	0.037	0.030	0.002	-0.408	1.000	0.153	0.184	-0.081	-0.047	0.028	0.098
BSAN	-0.136	0.017	-0.500	-0.157	0.281	0.051	0.153	1.000	0.268	0.068	-0.035	0.031	-0.037
BSPS	-0.093	-0.047	0.029	0.123	0.081	-0.181	0.184	0.268	1.000	-0.051	0.227	0.052	0.181
SVINS	-0.002	-0.127	-0.292	0.042	0.331	0.231	-0.081	0.058	-0.051	1.000	0.234	-0.054	-0.093
SV	0.088	-0.067	0.220	0.572	0.383	-0.150	-0.047	0.039	0.227	0.234	1.000	0.034	0.312
PINSV	-0.013	0.007	0.138	0.308	0.165	-0.077	0.028	-0.030	0.022	-0.054	0.034	1.000	-0.053
PTLLN	0.097	0.225	0.294	0.165	0.119	-0.245	0.058	-0.097	0.181	-0.093	0.112	-0.053	1.000
INTLN	0.220	0.100	-0.045	0.208	0.299	0.067	-0.108	0.019	0.021	0.035	-0.002	0.123	-0.098
NBR	-0.045	0.160	-0.292	-0.409	-0.159	0.188	0.054	0.204	0.135	-0.082	-0.139	-0.337	0.213
IBRL	-0.046	0.168	-0.297	-0.422	-0.194	0.057	0.163	0.217	0.397	-0.119	-0.102	-0.328	-0.205
OSRL	-0.036	0.180	-0.170	-0.293	-0.148	0.079	0.130	0.273	0.269	-0.160	-0.150	-0.288	0.212
IBRM	-0.067	0.139	-0.256	-0.331	0.002	0.052	0.156	0.229	0.090	-0.111	-0.112	-0.140	-0.029
OBRM	-0.005	0.251	-0.129	-0.182	-0.065	0.056	0.106	0.220	0.202	-0.207	-0.125	-0.270	0.240
PKWL	-0.000	0.152	-0.270	-0.312	-0.079	0.222	-0.009	0.199	0.111	-0.088	-0.102	-0.317	0.189
LBEP	0.017	0.178	-0.131	-0.185	-0.012	0.039	-0.015	0.197	0.214	-0.079	0.003	-0.295	0.209
NFLOR	-0.018	0.158	-0.132	-0.348	-0.243	0.110	0.100	0.232	0.304	-0.166	-0.182	-0.292	0.221
CORLKL	-0.755	0.037	-0.159	-0.027	-0.056	0.074	0.056	0.019	0.051	-0.106	-0.003	-0.263	0.196
CORLMD	-0.004	0.151	-0.151	-0.044	0.116	0.006	0.027	0.026	0.035	0.081	0.007	0.082	0.184
CORTW	-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
LCOTFA	-0.052	0.104	-0.178	-0.261	0.001	-0.111	0.125	0.158	-0.107	-0.100	-0.252	-0.156	0.192
INFM	0.025	0.139	-0.129	-0.167	0.127	0.191	0.160	0.194	-0.222	-0.014	-0.279	0.157	0.157
INTFL	-0.006	0.137	-0.215	-0.330	-0.142	0.108	0.056	0.236	0.245	-0.113	-0.093	-0.305	0.192
FKOLN	-0.116	0.129	-0.206	-0.271	-0.081	0.118	0.056	0.123	0.084	-0.163	-0.159	-0.280	0.199
APKLN	-0.040	0.035	-0.209	-0.238	-0.022	0.104	0.093	0.229	0.232	-0.028	0.035	-0.332	0.180
STROKOL	0.024	0.242	-0.107	-0.069	0.117	0.024	0.023	0.072	-0.038	0.029	0.033	0.017	-0.082
VACHOLN	-0.004	-0.109	0.103	-0.075	-0.157	0.013	0.026	0.032	-0.014	-0.031	-0.031	-0.064	-0.117
CRNKMD	-0.067	0.105	-0.192	-0.212	-0.047	-0.031	0.116	0.282	0.190	-0.121	-0.008	-0.215	0.281
CRNKMD	-0.001	0.015	-0.110	-0.020	0.040	-0.048	0.141	0.170	0.167	-0.010	0.132	0.004	0.138
VARGS	0.153	0.125	-0.244	0.110	0.342	0.225	-0.138	0.184	0.036	0.443	0.282	0.090	-0.117
VARGS	-0.238	-0.075	-0.311	-0.024	0.267	0.019	0.009	0.318	0.290	0.129	0.130	-0.320	0.123
SHINL	0.032	0.037	0.018	0.171	-0.370	-0.323	-0.049	-0.258	0.253	-0.268	0.238	0.084	0.293
WNOFHOD	0.394	0.043	0.221	0.398	0.204	-0.194	-0.116	-0.273	-0.209	0.162	0.241	0.264	-0.134
IBLW	-0.068	0.040	-0.098	-0.319	-0.258	0.066	0.043	0.268	0.342	-0.072	-0.080	-0.313	0.249
OBWLW	-0.094	-0.132	-0.143	-0.282	-0.168	0.094	0.120	0.103	0.122	-0.177	-0.089	-0.328	-0.030
INVLW	-0.133	-0.167	-0.018	0.107	0.092	0.022	-0.203	-0.126	-0.065	0.128	0.198	0.112	-0.095
CORLW	-0.156	-0.086	-0.076	-0.189	-0.131	0.071	0.018	-0.047	0.058	-0.109	-0.013	-0.294	0.094
CORLW	-0.019	-0.007	0.026	-0.099	-0.058	0.123	0.014	-0.095	0.026	-0.021	-0.081	-0.094	-0.078
CORLW	-0.071	0.055	-0.105	-0.254	-0.169	0.114	0.018	0.013	0.045	-0.162	0.186	-0.270	0.060
STLLBR	-0.019	-0.100	-0.011	-0.146	-0.166	0.053	0.034	-0.112	0.235	-0.080	-0.038	-0.173	0.064
ITFLR	0.051	-0.122	0.196	0.346	0.196	-0.080	-0.194	-0.225	-0.208	0.075	0.241	0.340	-0.153
INFLR	-0.014	-0.181	-0.022	0.103	0.127	-0.100	-0.168	-0.105	-0.151	0.432	0.269	0.100	-0.095
LRNFR	-0.121	0.110	-0.156	-0.319	-0.178	0.138	0.056	0.223	0.204	-0.166	-0.152	-0.239	0.190
ALFLR	0.172	-0.268	0.134	0.268	0.137	-0.085	0.021	0.210	0.076	0.190	0.076	0.093	-0.044
LPFFLR	0.005	0.073	-0.073	-0.132	-0.074	0.066	0.059	0.038	0.071	-0.024	-0.149	-0.054	-0.098

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PMWL	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPPA
RACHLEN	-0.220	-0.046	-0.046	-0.035	-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	0.108
LNDRWL	-0.009	-0.282	-0.207	-0.170	-0.295	-0.129	-0.270	-0.131	-0.132	0.159	-0.181	-0.227	-0.178
NKMLL	0.204	-0.609	-0.362	-0.293	-0.231	-0.182	-0.312	-0.185	-0.348	-0.221	-0.044	-0.290	-0.261
PMWL	0.259	-0.159	-0.194	-0.188	0.002	-0.065	-0.079	-0.072	-0.243	-0.056	0.118	-0.091	-0.107
APKAR	0.047	0.188	0.053	0.079	0.053	0.056	0.222	0.039	0.114	0.076	0.006	0.030	0.081
APKPS	-0.108	0.054	0.143	0.130	0.156	-0.106	-0.009	-0.015	0.100	0.056	0.037	0.102	0.111
BSAR	0.010	0.269	0.247	0.273	0.229	0.220	0.149	0.197	0.232	0.019	0.016	0.236	0.125
BSIS	0.021	0.155	0.127	0.269	0.090	0.202	0.111	0.214	0.304	0.061	0.035	0.129	0.158
SVHS	0.035	-0.082	-0.118	-0.160	-0.111	-0.207	-0.088	-0.079	-0.166	-0.105	0.081	-0.094	-0.107
NRECV	-0.002	-0.139	-0.102	-0.150	-0.112	-0.125	-0.102	0.003	-0.182	-0.003	-0.007	-0.046	-0.100
PINVS	0.123	-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	0.193	0.156
INTLN	1.000	0.019	0.056	-0.003	0.165	-0.082	0.057	0.091	0.011	-0.060	0.138	0.131	-0.021
NBR	0.019	1.000	0.856	0.896	0.574	0.738	0.857	0.676	0.814	0.603	0.263	0.587	0.735
IBRL	0.056	0.856	1.000	0.884	0.645	0.782	0.762	0.724	0.822	0.538	0.176	0.609	0.759
OBRL	0.063	0.806	0.884	1.000	0.580	0.885	0.803	0.565	0.840	0.572	0.173	0.642	0.740
IBRW	0.165	0.574	0.645	0.580	1.000	0.628	0.560	0.530	0.520	0.355	0.260	0.604	0.870
OBRW	0.085	0.728	0.783	0.885	0.628	1.000	0.721	0.608	0.708	0.541	0.267	0.569	0.671
PMWL	0.057	0.857	0.762	0.803	0.560	0.721	1.000	0.719	0.708	0.661	0.215	0.697	0.708
LBRP	0.091	0.676	0.724	0.665	0.530	0.608	0.719	1.000	0.655	0.521	0.219	0.693	0.566
NFLOR	-0.011	0.614	0.622	0.640	0.530	0.744	0.768	0.656	1.000	0.668	0.136	0.567	0.658
CORLLN	-0.060	0.603	0.534	0.572	0.355	0.547	0.661	0.521	0.658	1.000	0.175	0.478	0.676
CORLWD	0.138	0.263	0.176	0.173	0.260	0.227	0.215	0.219	0.136	0.175	1.000	0.380	0.143
CORTWD	0.131	0.587	0.669	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	0.739	0.740	0.470	0.671	0.708	0.566	0.658	0.676	0.143	0.440	1.000
IBRW	0.093	0.699	0.727	0.785	0.479	0.739	0.744	0.632	0.811	0.526	0.172	0.469	0.736
INFL	0.077	0.838	0.899	0.844	0.624	0.756	0.830	0.715	0.820	0.622	0.195	0.600	0.863
PMWL	0.040	0.644	0.601	0.639	0.368	0.599	0.643	0.513	0.518	0.428	0.251	0.443	0.736
AMKLV	0.116	0.691	0.716	0.701	0.502	0.615	0.716	0.680	0.653	0.728	0.110	0.533	0.756
STGKOL	0.091	0.425	0.258	0.220	0.408	0.264	0.340	0.261	0.177	0.267	0.284	0.136	0.218
VACRKLN	0.028	0.011	0.305	0.233	0.245	-0.160	0.075	-0.115	0.217	-0.012	-0.203	0.220	0.177
CORPMD	0.136	0.577	0.617	0.608	0.489	0.597	0.606	0.631	0.512	0.434	0.268	0.865	0.846
CORPMD	0.104	0.791	0.832	0.822	0.589	0.628	0.484	0.561	0.186	0.139	0.552	0.905	0.860
VANGS	0.095	-0.015	-0.051	-0.080	-0.047	-0.073	0.011	-0.053	-0.106	-0.099	0.062	-0.111	-0.001
VANGS	-0.063	0.321	0.290	0.301	0.172	0.256	0.294	0.212	0.229	0.335	0.187	0.227	0.268
SHIL	0.096	-0.218	-0.081	-0.093	-0.286	-0.085	-0.233	-0.092	-0.021	-0.213	-0.180	-0.197	-0.156
NWOFND	0.033	-0.759	-0.797	-0.681	-0.338	-0.741	-0.750	-0.631	-0.789	-0.572	-0.166	-0.644	-0.701
IBLWR	-0.039	0.706	0.828	0.704	0.116	0.584	0.615	0.590	0.701	0.407	0.084	0.481	0.684
IBLWR	-0.027	0.250	0.251	0.283	-0.096	-0.175	0.213	0.151	0.237	0.121	-0.041	0.175	0.183
JNYLWR	-0.127	-0.112	-0.184	-0.323	-0.278	-0.358	-0.168	-0.161	-0.392	0.034	-0.070	-0.199	-0.132
CORLWR	-0.129	0.438	0.417	0.409	0.199	0.400	0.512	0.378	0.490	0.358	0.229	0.553	0.553
CORLWR	-0.112	0.266	0.201	0.249	-0.068	0.235	0.289	0.068	0.281	0.098	-0.159	-0.276	0.619
CORLWR	-0.060	0.554	0.497	0.548	0.239	0.511	0.540	0.396	0.499	0.605	-0.118	0.336	0.780
ITLWR	0.075	0.161	0.389	0.340	0.056	0.288	0.215	0.207	0.352	0.095	-0.102	0.193	0.401
TFPLR	0.002	-0.759	-0.817	-0.803	-0.591	-0.758	-0.711	-0.672	-0.739	-0.433	-0.159	-0.593	-0.561
INFLR	-0.091	-0.699	-1.202	-0.805	-0.270	-0.848	-0.310	-0.294	-0.454	-0.110	-0.078	-0.206	-0.333
LRNTHR	-0.019	0.758	0.804	0.800	0.528	0.709	0.782	0.630	0.762	0.433	0.124	0.617	0.759
ALPMLR	0.037	0.335	-0.247	-0.329	-0.092	-0.114	-0.294	-0.141	-0.236	-0.308	-0.255	-0.178	-0.634
LCPFLR	-0.052	0.862	0.274	0.287	0.084	0.202	0.191	0.075	0.286	0.066	-0.009	-0.026	0.660

STEPHIE DISCRIMINANT ANALYSIS
TOTAL SAMPLE CORRELATIONS

	INFW	INFL	FXKLN	ANFLN	STOKLNL	VACKLN	CRMMXD	CRMMH	VANGS	VANGB	SHIRL	NWDFHIO	IBLNR
RACHLFN	0.025	-0.006	-0.116	-0.040	0.024	0.004	-0.067	-0.004	0.153	-0.238	0.022	0.394	-0.068
INTNOLA	0.139	0.137	0.125	0.035	0.242	-0.109	0.105	0.015	0.125	-0.075	0.037	0.043	0.042
LXNDRL	-0.129	-0.215	-0.206	-0.209	-0.181	0.103	-0.192	-0.110	-0.204	-0.314	0.018	0.221	-0.099
MXKLN	-0.271	-0.330	-0.271	-0.208	-0.099	-0.075	-0.212	-0.020	0.110	-0.024	0.371	0.398	-0.319
MMKLN	-0.167	-0.162	-0.081	-0.022	0.117	-0.191	-0.047	0.080	0.342	0.267	-0.370	0.269	-0.258
APKAN	0.127	0.108	0.118	0.108	0.026	0.015	-0.031	-0.048	0.225	0.019	-0.322	-0.194	0.066
APKPS	0.119	0.096	0.026	0.093	0.053	0.026	0.116	0.141	-0.118	0.009	-0.088	-0.116	0.043
BSAN	0.160	0.156	0.163	0.209	0.072	0.085	0.202	0.170	0.184	0.318	-0.258	-0.217	0.068
BSFS	0.194	0.245	0.084	0.252	-0.038	0.036	0.190	0.167	0.058	0.290	0.263	-0.202	0.342
WECOV	-0.218	-0.093	-0.189	0.035	-0.033	-0.011	-0.008	0.132	0.202	0.150	0.238	0.281	-0.080
SVINS	-0.222	-0.113	-0.163	-0.028	0.029	-0.014	-0.121	-0.010	0.443	0.125	-0.268	0.162	-0.072
WECOV	-0.218	-0.093	-0.189	0.035	-0.033	-0.011	-0.008	0.132	0.202	0.150	0.238	0.281	-0.080
FINSV	-0.279	-0.305	-0.240	-0.332	0.017	-0.064	-0.215	0.020	0.090	-0.020	0.094	0.264	-0.318
PTLLN	0.157	0.222	0.159	0.180	0.062	-0.117	0.281	0.159	-0.117	0.123	-0.293	0.134	0.249
INTLR	0.093	0.077	0.080	0.116	0.051	0.222	0.136	0.149	0.095	-0.063	-0.096	0.033	-0.030
NBR	0.095	0.038	0.044	0.091	0.425	0.041	0.277	0.241	-0.015	0.321	-0.219	-0.759	0.706
INFL	0.727	0.899	0.601	0.746	0.256	0.205	0.667	0.352	0.051	0.200	-0.081	-0.757	0.824
DEBL	0.705	0.844	0.639	0.701	0.220	0.233	0.608	0.252	-0.080	0.301	-0.093	-0.021	0.744
IBLR	0.478	0.624	0.368	0.502	0.408	0.295	0.649	0.389	-0.747	0.172	0.226	-0.548	0.116
OROV	0.749	0.756	0.598	0.619	0.160	0.537	0.228	-0.073	0.236	-0.085	-0.085	-0.781	0.588
FXKL	0.744	0.630	0.643	0.716	0.340	0.075	0.606	0.244	0.011	0.294	-0.233	-0.750	0.615
LBFL	0.632	0.715	0.513	0.660	0.281	0.115	0.631	0.261	-0.093	0.212	-0.092	-0.631	0.550
NFLOR	0.811	0.820	0.534	0.653	0.137	0.217	0.512	0.186	-0.106	0.220	-0.021	-0.789	0.701
CORLNL	0.536	0.652	0.728	0.728	0.367	-0.012	0.438	0.139	-0.009	0.335	-0.213	-0.772	0.447
CORLNL	0.172	0.195	0.251	0.110	0.248	-0.003	0.368	0.452	0.062	0.187	-0.100	0.166	0.064
CONTUD	0.448	0.600	0.443	0.533	0.136	0.220	0.865	0.549	-0.111	0.227	-0.191	-0.644	0.441
CTTFPA	0.768	0.863	0.736	0.796	0.218	0.127	0.346	0.063	-0.001	0.288	-0.156	-0.701	0.644
INFW	1.000	0.867	0.669	0.723	0.070	0.305	0.397	0.087	-0.098	0.183	-0.098	-0.731	0.621
INFL	0.897	1.000	0.677	0.830	0.273	0.260	0.584	0.234	-0.074	0.292	-0.135	-0.774	0.711
FXKL	0.669	0.677	1.000	0.645	0.268	0.095	0.366	0.005	-0.036	0.112	-0.026	-0.648	0.588
ANFLN	0.723	0.830	0.645	1.000	0.288	0.249	0.509	0.184	-0.036	0.307	-0.166	-0.641	0.593
STOKLNL	0.070	0.273	0.268	0.288	1.000	-0.234	0.311	0.299	0.075	0.201	-0.286	-0.165	0.057
VACKLN	0.305	0.260	0.099	0.209	-0.234	1.000	-0.129	0.032	-0.063	-0.265	0.048	-0.268	0.205
CRMMXD	0.307	0.264	0.056	0.209	0.311	0.189	1.000	0.591	-0.115	0.183	38	-0.557	0.395
CRMMH	0.002	0.234	0.006	0.194	0.299	0.032	0.591	1.000	-0.019	0.110	21	-0.269	0.174
VANGS	-0.098	-0.014	-0.023	-0.036	0.075	-0.065	-0.115	-0.039	1.000	0.226	3	0.117	-0.080
VANGB	0.183	0.292	0.312	0.307	0.201	-0.206	0.183	0.110	0.226	1.000	0.277	0.304	0.281
SHIRL	-0.008	-0.135	-0.202	-0.166	-0.206	-0.084	-0.138	-0.021	-0.253	-0.171	1.000	0.114	0.004
NWDFHIO	-0.791	-0.774	-0.648	-0.641	-0.165	-0.268	-0.957	-0.209	0.117	-0.304	0.114	1.000	-0.675
IBLNR	0.621	0.711	0.528	0.592	0.097	0.205	0.395	0.178	-0.003	0.281	-0.044	-0.675	1.000
DEBLR	0.112	0.223	0.160	0.216	0.006	0.097	0.132	0.069	-0.002	0.107	-0.775	-0.202	0.387
INVLNR	-0.494	-0.167	-0.120	-0.088	0.146	-0.359	-0.159	-0.048	0.068	0.095	-0.017	0.364	-0.072
CALLNR	0.389	0.476	0.543	0.614	0.194	0.084	0.204	-0.008	-0.048	0.212	-0.044	0.398	0.394
CORLNR	0.415	0.348	0.451	0.372	0.065	0.048	-0.453	-0.081	0.081	0.166	-0.07	-0.242	0.135
CORLNR	0.630	0.640	0.699	0.634	0.114	0.130	0.067	-0.091	-0.009	0.237	-0.144	-0.525	0.475
STLLR	0.503	0.387	0.233	0.180	-0.008	0.368	0.082	-0.171	-0.058	-0.002	0.041	-0.336	0.394
7FLPLR	-0.691	-0.693	-0.500	-0.566	-0.306	-0.122	-0.800	-0.302	-0.180	-0.289	0.081	0.742	-0.658
INFLR	-0.710	-0.392	-0.499	-0.717	-0.134	-0.128	-0.150	-0.046	-0.072	0.051	-0.030	0.914	-0.856
LRFLR	0.737	0.817	0.645	0.705	0.213	0.226	0.554	0.819	-0.073	0.235	-0.071	-0.444	0.669
ALFLR	0.370	-0.207	-0.802	-0.121	-0.074	0.049	-0.065	0.124	0.835	-0.132	0.143	0.393	-0.284
LCFFFLR	0.424	0.382	0.269	0.184	-0.137	0.150	-0.179	-0.220	0.041	0.009	-0.047	-0.293	-0.746

STEPWISE DISCRIMINANT ANALYSIS

TOTAL SAMPLE CORRELATIONS

	OBLWR	INVLWR	CELLWR	CORLWR	CORHWR	STLLR	TFLPLR	INFLWR	LRNFWR	ALFPLR	LCFFCLR
RACHLEN	-0.094	-0.133	-0.156	-0.019	-0.071	0.051	-0.074	-0.121	0.172	-0.005	
INTNDLN	-0.132	-0.167	-0.086	-0.007	0.055	-0.100	-0.152	-0.141	0.110	-0.052	0.073
LNWRDL	-0.143	0.018	-0.074	-0.036	-0.105	-0.011	0.196	-0.023	-0.156	0.128	-0.073
KOLNL	-0.282	0.107	-0.189	-0.094	-0.256	-0.106	0.346	0.103	-0.373	0.260	-0.132
MMGLD	-0.168	0.092	-0.131	-0.058	-0.169	-0.166	0.196	0.127	-0.178	0.137	-0.074
AFKAN	0.090	0.020	0.072	0.111	0.114	0.053	-0.080	-0.100	0.138	-0.085	0.066
APKPS	0.020	-0.203	0.018	0.014	0.018	0.034	-0.194	-0.169	0.056	0.021	0.059
SEAN	0.103	-0.105	-0.047	-0.095	0.013	0.112	-0.225	-0.105	0.223	0.610	0.071
BSFS	0.122	-0.085	0.028	0.026	0.045	0.205	-0.808	-0.121	0.204	19	0.071
SVINS	0.177	0.128	-0.149	-0.021	-0.102	-0.080	0.073	0.232	-0.168		-0.024
NSECV	-0.089	0.193	-0.013	-0.081	-0.186	-0.038	0.241	0.769	-0.119		-0.149
FINSV	-0.108	0.112	-0.294	-0.084	-0.270	-0.173	0.300	0.100	-0.119		-0.034
PILLN	-0.030	-0.045	0.090	-0.078	0.060	0.064	-0.153	-0.255	0.119		-0.018
INTLN	-0.027	-0.127	-0.129	-0.112	-0.060	0.075	0.002	-0.091	-0.019		-0.052
NWR	0.220	-0.112	0.436	0.266	0.594	0.141	-0.799	-0.259	0.738		0.262
ORL	0.251	-0.180	0.417	0.201	0.407	0.229	-0.817	0.322	0.804		0.274
ORL	0.283	-0.123	0.449	0.249	0.548	0.340	-0.803	-0.445	0.800		0.287
IDRM	-0.056	-0.278	0.199	-0.068	0.239	0.026	-0.581	-0.210	0.528		-0.084
DEPM	-0.175	-0.338	0.400	0.232	0.217	0.280	-0.758	0.480	0.709		-0.282
PKOL	0.213	-0.165	0.513	0.229	0.540	0.212	-0.711	-0.310	0.782		0.191
LDP	0.151	-0.141	0.376	0.068	0.394	0.207	-0.672	-0.254	0.630		0.075
NFLOR	0.237	-0.192	0.373	0.221	0.499	0.392	-0.739	-0.454	0.762		0.266
CORLL	0.121	0.034	0.850	0.406	0.605	0.095	-0.433	-0.110	0.633		0.066
CORLWD	-0.081	-0.070	-0.348	-0.159	-0.115	-0.105	-0.198	-0.078	0.104		-0.009
CORTWD	0.175	-0.199	0.289	-0.276	0.136	0.193	-0.313	-0.204	0.617		-0.026
LCPTA	0.183	-0.132	0.351	0.619	0.780	0.601	-0.551	0.353	0.709		0.660
INFL	0.112	-0.048	0.317	0.415	0.630	0.500	-0.711	-0.737	0.370		0.484
INFL	0.225	-0.167	0.471	0.269	0.640	0.387	-0.603	-0.322	0.817		0.287
PKOLN	0.160	-0.120	0.241	0.461	0.609	0.213	-0.390	-0.443	0.802		0.269
AWLN	0.216	-0.088	0.614	0.373	0.634	0.130	-0.56	-0.237	0.705		-0.121
STHMLD	0.006	0.146	0.194	0.065	0.114	-0.100	-0.06	0.134	0.213		-0.074
VACKLN	0.097	-0.199	0.084	-0.048	0.130	0.168	-0.722	-0.330	-0.206		0.009
CRNWD	0.132	-0.159	0.280	-0.453	0.067	0.042	-0.670	-0.120	0.554		-0.065
CRNWD	-0.069	-0.068	-0.088	-0.381	-0.021	-0.171	-0.302	0.046	0.215		-0.220
VANGS	-0.002	0.068	-0.049	0.081	-0.009	-0.058	0.120	0.072	-0.073		0.031
VANGS	0.107	0.095	0.212	0.165	0.237	0.002	-0.249	0.051	0.235		0.009
WAGD	-0.012	-0.017	-0.119	-0.057	-0.148	0.081	0.081	-0.330	-0.071		0.183
WAGD	-0.202	0.364	-0.491	-0.242	-0.225	-0.236	0.742	0.316	0.869		-0.193
INFLWR	0.387	-0.072	0.394	0.515	0.475	0.194	-0.554	-0.266	0.668		0.296
INFLWR	1.000	0.132	0.129	0.065	0.118	0.067	-0.126	0.159	0.221		-0.108
INVLWR	0.132	1.000	0.071	0.006	-0.087	-0.209	0.307	0.789	-0.208		0.104
CELLWR	0.129	0.071	1.000	0.025	0.618	0.137	-0.327	-0.051	0.511		-0.013
CORLWR	0.005	0.000	0.000	1.000	0.705	0.253	-0.088	-0.217	0.268		-0.365
CORLWR	0.113	-0.087	0.618	0.705	1.000	0.283	-0.389	-0.109	0.516		-0.148
STLLR	0.067	-0.305	0.137	0.263	0.393	1.000	-0.153	-0.381	0.315		-0.123
TFLPLR	-0.126	0.507	-0.327	-0.088	-0.309	-0.151	1.000	0.485	-0.651		0.208
INFLWR	0.139	0.788	-0.017	-0.217	-0.302	-0.181	0.445	1.000	-0.311		0.231
LRNFWR	0.221	-0.208	0.511	0.268	0.536	0.315	-0.651	-0.341	1.000		-0.214
ALFPLR	-0.108	0.104	-0.243	-0.365	-0.244	-0.123	0.808	-0.231	-0.314		1.000
LCFFCLR	0.090	-0.160	0.045	0.257	0.463	0.412	-0.103	0.501	0.283		-0.507

STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	RACHLEN	INTNDLN	LNNDRL	HKHLL	HKHDL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLH
RACHLEN	1.000	0.654	0.081	0.175	0.075	-0.075	-0.092	-0.108	-0.076	-0.026	0.097	-0.071	0.131
INTNDLN	0.654	1.000	0.092	0.123	0.056	-0.061	-0.164	-0.016	-0.066	-0.107	0.005	0.063	0.202
LNNDRL	0.092	0.092	1.000	0.821	-0.450	-0.461	0.072	-0.461	0.075	-0.387	0.167	0.064	0.289
HKHLL	0.175	0.193	0.821	1.000	0.599	-0.285	0.061	-0.667	0.201	-0.034	0.535	0.174	0.550
HKHDL	0.075	0.096	-0.450	0.599	1.000	0.136	0.019	0.334	0.105	0.312	0.359	0.134	0.160
APKAN	-0.073	-0.081	-0.461	-0.285	0.136	1.000	-0.420	0.004	-0.156	0.256	-0.127	-0.037	-0.278
APKPS	-0.092	-0.144	0.072	0.061	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	-0.667	0.334	0.004	0.134	1.000	0.552	0.108	0.102	0.666	-0.103
BSPS	-0.076	-0.066	0.075	0.201	0.105	-0.156	0.174	0.552	1.000	-0.030	0.229	-0.110	0.158
SVINS	-0.026	-0.107	-0.387	-0.034	0.312	0.756	-0.065	0.108	-0.030	1.000	0.292	-0.127	-0.060
NSECV	0.097	0.005	0.167	0.535	0.359	0.127	-0.024	0.102	0.269	-0.028	1.000	-0.062	0.283
PINSV	-0.071	0.063	0.064	0.174	0.134	-0.034	0.070	0.066	0.110	-0.127	-0.062	1.000	0.030
PTLLH	0.131	0.202	0.289	0.550	0.160	-0.278	0.038	-0.103	0.158	-0.040	0.383	0.030	1.000
INTLN	0.212	0.111	-0.072	0.192	0.251	0.076	-0.101	0.028	0.031	0.023	0.020	0.104	-0.085
NBR	0.144	0.086	-0.051	-0.082	-0.037	0.174	-0.059	-0.004	0.082	0.123	0.131	-0.011	0.059
IBNL	0.116	-0.024	-0.082	-0.026	-0.105	-0.071	0.106	0.258	0.380	-0.031	0.160	-0.036	0.055
DBNL	0.147	0.123	0.171	0.126	-0.027	-0.032	0.068	-0.136	0.291	-0.038	0.091	-0.030	0.063
IBNL	0.072	0.081	-0.116	-0.069	0.103	-0.008	0.124	0.126	0.026	-0.028	0.014	0.069	-0.103
UBNL	0.175	0.232	0.180	0.238	0.095	-0.052	0.049	0.058	0.159	-0.125	0.023	0.029	0.121
FNKL	0.189	0.073	-0.035	0.066	0.090	0.218	-0.148	-0.076	0.009	0.079	0.135	-0.022	0.030
BRP	0.187	0.118	0.123	0.176	0.050	-0.057	-0.115	0.045	0.132	-0.053	0.231	-0.053	0.143
ILOR	0.161	0.083	0.212	0.002	-0.190	0.035	0.035	0.066	0.137	-0.073	0.018	0.018	0.081
CORLNL	-0.193	-0.057	0.040	0.057	0.055	0.004	-0.009	-0.163	-0.024	-0.005	0.183	-0.048	0.085
CORLNL	0.042	0.121	-0.044	0.078	0.169	-0.025	0.012	0.014	0.001	-0.131	0.074	0.201	0.116
CORTUD	-0.100	-0.072	-0.050	-0.038	0.011	-0.051	0.054	0.117	0.062	0.010	0.142	0.054	0.081
LCTFFA	0.063	0.013	0.057	0.064	0.011	0.001	0.059	-0.060	0.093	0.013	0.095	0.014	0.010
INFW	0.204	0.056	0.175	0.100	-0.067	0.050	0.069	-0.035	0.145	-0.148	0.055	0.011	-0.009
INFL	0.169	0.090	0.051	0.019	-0.021	0.021	-0.034	0.080	0.230	0.020	0.157	-0.018	0.039
FNKL	-0.023	0.041	0.025	0.062	0.092	0.050	-0.064	-0.071	-0.015	-0.063	0.017	-0.040	0.009
ANLNL	0.066	-0.070	-0.011	0.103	0.111	0.038	0.039	0.073	0.221	0.106	0.255	-0.127	0.056
STOKLNL	0.068	0.214	-0.100	0.065	0.174	-0.010	0.026	0.023	-0.080	0.062	0.038	0.141	0.022
VACKLNL	0.011	-0.119	0.129	-0.051	-0.149	0.006	0.020	0.074	0.028	0.009	-0.017	-0.042	0.017
CRANLNL	0.017	0.032	-0.015	0.032	0.059	-0.121	0.072	0.181	0.141	-0.030	0.165	0.002	0.197
CRANLNL	0.023	-0.010	-0.056	0.070	0.111	-0.072	0.123	0.131	0.146	0.022	0.165	0.104	0.128
VANGS	0.143	0.139	-0.287	0.079	0.333	0.228	-0.130	0.213	0.071	0.426	0.269	0.067	-0.101
VANGS	-0.205	-0.129	-0.234	0.143	0.346	-0.066	-0.260	0.263	0.195	0.251	0.121	0.059	0.059
SHLNL	-0.002	0.023	-0.006	0.006	-0.028	-0.106	-0.067	-0.112	0.107	-0.383	0.191	-0.003	0.364
RNNOFNL	0.504	0.281	-0.070	0.078	0.123	-0.176	-0.062	-0.127	-0.380	0.082	0.080	-0.091	0.081
IBLNL	0.043	-0.076	0.181	0.260	-0.203	-0.023	-0.038	0.104	0.356	-0.067	0.129	-0.080	0.135
DELNL	-0.067	-0.166	-0.088	-0.171	0.138	0.071	-0.001	0.055	0.098	0.220	-0.042	-0.055	-0.078
INVLNL	-0.181	-0.136	-0.075	-0.016	0.019	0.057	-0.737	-0.063	-0.050	0.086	0.181	0.009	0.016
CRLLNL	-0.106	-0.119	0.075	0.003	-0.066	0.023	-0.028	-0.176	-0.034	0.084	0.106	-0.155	-0.005
CDRLNL	0.016	-0.041	0.043	0.013	-0.019	0.096	-0.011	-0.163	-0.007	0.021	-0.026	0.009	-0.138
CORLNL	0.010	-0.027	0.092	-0.016	-0.093	0.059	-0.046	-0.155	-0.037	0.009	-0.064	-0.074	-0.011
DTLLNL	0.056	0.140	-0.013	-0.043	-0.111	0.035	0.009	0.095	0.177	-0.092	0.023	0.028	0.011
PTLLNL	-0.094	-0.078	-0.081	0.012	0.111	0.017	-0.125	-0.112	-0.170	-0.029	0.060	0.078	0.026
INFLNL	-0.142	-0.069	-0.167	-0.083	0.061	-0.059	0.142	-0.011	0.076	0.183	0.195	-0.057	0.033
LRNFLNL	-0.028	0.016	0.111	0.003	-0.087	0.078	-0.023	0.072	0.159	-0.068	0.034	0.056	0.051
ALFLNL	0.122	0.001	-0.024	0.075	0.070	-0.035	0.076	0.148	0.151	0.128	0.193	-0.098	0.075
LCFFNL	0.038	0.044	-0.002	-0.035	-0.038	0.041	0.038	-0.018	0.043	0.015	-0.100	0.034	-0.100

STEPWISE DISCRIMINANT ANALYSIS

POOLED WITHIN CLASS CORRELATIONS

	INTLN	NBR	ISRL	CSRL	ISRW	OBWR	PMXL	LBRP	NFLOR	CORLLN	CORLW	CORTVD	LOTPFA
RACHLEN	0.212	0.144	0.116	0.147	0.078	0.175	0.189	0.167	0.161	-0.103	0.042	-0.109	0.063
INTNDOL	0.111	0.086	-0.004	0.123	0.081	0.232	0.073	0.118	0.083	-0.057	0.121	-0.072	0.013
LHNDRL	-0.072	-0.021	0.082	0.171	-0.116	0.180	-0.035	0.123	0.212	0.040	-0.048	0.052	0.037
PKWDL	0.192	0.082	-0.020	0.136	-0.009	0.258	0.062	0.175	0.092	0.057	0.076	-0.038	0.054
MMWDL	0.251	-0.037	-0.195	-0.021	0.100	0.093	0.090	0.058	-0.190	0.055	0.169	0.011	0.011
AFKAN	0.076	0.174	-0.071	-0.037	-0.008	-0.052	0.218	-0.057	0.035	0.004	-0.025	-0.051	0.001
APKPS	-0.101	-0.059	0.108	0.088	0.124	0.049	-0.148	-0.115	0.035	-0.009	0.012	0.054	0.050
BSAN	0.028	-0.004	0.268	0.136	0.126	0.058	-0.076	0.045	0.068	-0.163	0.014	0.117	-0.060
BSPS	0.021	0.062	0.380	0.291	0.086	0.159	0.009	0.172	0.117	-0.029	0.001	0.062	0.093
SVINS	0.023	0.123	0.031	-0.030	-0.028	-0.125	0.079	0.053	-0.053	-0.006	0.131	0.010	0.013
BECOV	-0.020	0.131	0.160	0.097	0.014	0.093	0.125	0.239	0.018	0.163	0.079	0.102	0.099
FINOV	0.104	-0.031	-0.036	-0.030	0.069	0.029	-0.068	-0.053	0.018	-0.048	0.261	-0.054	0.014
PTLLK	-0.085	0.004	0.055	0.063	-0.103	0.121	0.036	0.143	0.083	0.085	0.136	0.081	0.010
INTLK	1.000	0.159	0.198	0.225	0.238	0.212	0.194	0.197	0.117	-0.020	0.163	0.222	0.069
NBR	0.159	1.000	0.099	0.117	0.293	0.242	0.549	0.219	0.400	0.203	0.380	0.158	0.370
ISRL	0.198	0.099	1.000	0.644	0.448	0.430	0.317	0.385	0.486	0.099	-0.052	0.377	0.460
CSRL	0.225	0.317	0.644	1.000	0.312	0.693	0.404	0.219	0.512	0.150	-0.083	0.305	0.399
ISRW	0.238	0.293	0.448	0.312	1.000	0.819	0.282	0.277	0.280	0.058	0.152	0.424	0.177
OBWR	0.215	0.242	0.430	0.693	0.819	1.000	0.276	0.157	0.331	0.162	0.045	0.200	0.296
PMXL	0.194	0.299	0.317	0.404	0.282	0.276	1.000	0.378	0.341	0.367	0.010	0.250	0.345
LBRP	0.197	0.319	0.385	0.219	0.277	0.157	0.378	1.000	0.229	0.176	0.059	0.317	0.159
NFLOR	0.117	0.400	0.486	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	0.099	0.150	0.058	0.162	0.367	0.176	-0.045	1.000	0.222	0.172	0.444
CORLW	0.163	0.080	-0.062	-0.083	0.132	0.045	0.010	0.055	-0.189	0.022	1.000	0.289	-0.056
CORTVD	0.222	0.158	0.377	0.305	0.424	0.290	0.258	0.317	0.161	0.172	0.289	1.000	0.027
LOTPFA	0.069	0.370	0.460	0.399	0.177	0.296	0.345	0.199	0.225	0.444	-0.056	0.027	1.000
INTLN	0.230	1.000	0.289	0.420	0.150	0.713	0.343	0.294	0.515	0.163	-0.048	0.046	0.510
INFL	0.218	0.514	0.721	0.550	0.409	0.387	0.539	0.382	0.509	0.295	-0.016	0.286	0.710
PMXLN	-0.132	0.084	0.043	0.107	-0.007	0.12	0.163	0.337	0.107	0.530	0.097	0.013	0.173
ANKLN	0.214	0.348	0.497	0.385	0.255	0.245	0.433	0.387	0.292	0.559	-0.078	0.203	0.559
STKXOL	0.076	0.360	0.042	-0.040	0.315	0.069	0.120	0.118	0.168	0.252	0.226	-0.093	0.024
VACHOL	0.227	-0.021	0.438	0.338	0.250	0.176	0.163	-0.102	0.285	0.261	-0.096	0.234	0.203
CRWNO	0.219	0.110	0.118	0.278	0.499	0.217	0.290	0.330	0.094	0.127	0.077	0.792	-0.059
CRWNO	0.166	0.158	0.246	0.176	0.347	0.133	0.129	0.184	0.058	0.032	0.425	0.257	-0.162
VANGS	0.069	0.123	0.039	-0.009	-0.000	-0.005	0.182	-0.055	0.054	0.068	-0.060	-0.070	0.088
VANGS	-0.041	0.059	0.033	0.041	-0.002	-0.001	-0.048	-0.030	-0.073	0.173	0.110	0.030	-0.002
SHINE	-0.117	-0.021	0.203	0.205	-0.121	0.161	-0.066	0.108	0.303	-0.025	-0.082	-0.056	0.019
ISRWTH	-0.049	0.162	-0.380	-0.419	-0.226	-0.293	-0.354	-0.161	0.368	0.195	-0.092	-0.313	0.306
ISLWR	-0.177	0.229	0.603	0.392	-0.418	0.789	0.110	0.116	0.310	0.031	-0.177	0.016	0.026
ISLWR	-0.012	0.081	0.142	0.201	-0.244	-0.513	0.077	0.009	0.118	-0.008	-0.101	0.061	0.053
INFLR	-0.153	0.258	0.076	-0.170	-0.163	0.238	0.098	0.075	0.298	0.266	-0.003	-0.038	0.091
CRLLWR	-0.108	0.123	0.112	0.162	-0.040	0.107	0.298	0.109	0.033	0.816	-0.246	-0.014	0.381
CORLLWR	-0.097	0.112	0.094	0.083	-0.235	0.076	0.057	-0.145	0.042	0.332	-0.238	-0.252	0.645
CORLLWR	-0.023	0.153	0.072	0.161	-0.081	0.142	0.169	0.063	0.081	0.397	-0.132	-0.334	0.643
STLLWR	-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
TFLLWR	-0.039	-0.269	-0.499	-0.433	-0.347	-0.394	-0.219	-0.288	-0.291	0.087	0.075	-0.233	-0.021
INFLR	-0.131	0.174	0.001	-0.024	-0.081	-0.304	0.017	0.032	0.240	0.180	0.029	0.053	0.063
LRWFR	0.050	0.371	0.527	0.503	0.254	0.338	0.076	0.200	0.425	0.448	-0.101	0.317	0.448
ALWLR	0.008	0.090	0.230	0.118	0.197	0.072	0.148	0.282	0.266	-0.04	-0.187	-0.174	0.177
LOFLWR	-0.037	0.135	0.190	0.182	-0.090	0.109	0.015	-0.117	0.180	-0.093	-0.072	-0.212	0.720

STEPWISE DISCRIMINANT ANALYSIS
POOLED WITHIN CLASS CORRELATIONS

	IRFW	INFL	FNKLN	APXLN	STXKLN	VACXKLN	CRWWD	CRNWD	VANGS	VANGB	SHIRL	HWOFHD	IBLWR
RACHLN	0.20A	0.169	-0.023	0.066	0.068	0.012	0.017	0.023	0.1A3	-0.205	-0.002	0.204	0.043
I - MDLN	0.056	0.050	0.0A1	-0.010	0.218	-0.119	0.032	-0.010	0.139	-0.159	0.073	0.251	-0.076
LRWDL	0.175	0.091	0.025	-0.011	-0.100	0.159	-0.015	-0.096	-0.507	-0.234	0.006	-0.070	0.181
NKXNL	0.105	0.017	0.062	0.103	0.055	-0.094	0.052	0.070	0.079	0.143	0.209	0.078	-0.020
NKXDL	-0.067	-0.021	0.052	0.111	0.176	-0.140	0.099	0.115	0.133	0.346	-0.426	0.122	-0.203
APKAN	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
APKPS	0.069	-0.030	-0.064	0.039	0.028	0.020	0.072	0.123	-0.130	0.056	-0.066	-0.062	-0.038
BSM	-0.035	0.080	-0.071	0.013	0.003	0.079	0.161	0.117	2.213	-0.260	-0.212	-0.137	0.149
BSPS	0.185	0.230	-0.015	0.021	-0.080	0.028	0.181	0.146	0.071	0.263	0.307	-0.180	0.256
SVINS	-0.186	0.030	-0.063	0.106	0.082	-0.004	-0.030	0.022	0.436	0.195	-0.322	0.040	0.067
NSECV	-0.050	0.157	0.017	0.255	0.038	-0.017	0.165	0.185	0.269	0.251	0.191	0.080	0.129
PINEV	0.011	-0.018	0.044	-0.127	0.141	-0.045	0.602	0.304	0.061	0.121	0.003	-0.091	-0.080
ITLLN	-0.000	0.039	0.005	0.066	0.025	-0.138	0.197	0.159	-0.101	0.055	0.368	0.081	0.135
INTLN	0.230	0.218	0.132	0.214	0.075	0.227	0.219	0.166	0.089	-0.081	-0.117	-0.049	0.017
NDR	0.124	0.018	0.094	0.388	0.363	-0.021	0.190	0.158	0.123	0.089	-0.021	-0.152	0.269
IBRL	0.289	0.721	0.049	0.497	0.047	0.458	0.419	0.346	0.039	0.033	0.203	-0.380	0.603
OGRL	0.420	0.250	0.107	0.365	-0.040	0.332	0.278	0.176	-0.009	0.001	0.205	-0.419	0.222
IBRW	0.150	0.408	-0.007	0.255	0.115	0.250	0.499	0.347	-0.000	-0.002	-0.121	-0.226	-0.416
GRNW	0.373	0.387	0.112	0.245	0.069	0.178	0.217	0.133	-0.005	-0.001	0.161	-0.293	0.089
PNKL	0.243	0.539	0.163	0.432	0.90	0.065	0.290	0.159	0.162	0.044	-0.066	0.254	0.110
LBRT	0.228	0.382	0.035	0.387	0.102	0.102	0.390	0.189	0.013	-0.030	0.108	-0.147	2.116
NFLOR	0.515	0.509	-0.106	0.142	0.285	0.094	0.099	0.058	-0.055	-0.073	0.303	-0.364	0.310
COLLN	0.183	0.295	0.130	0.244	-0.061	0.127	0.032	0.058	0.058	0.175	-0.085	-0.155	0.031
CONLD	-0.062	-0.016	0.097	-0.070	-0.276	0.277	0.429	0.086	0.110	-0.082	0.092	-0.177	
CRWD	0.046	0.246	0.013	0.230	0.232	0.232	0.792	0.257	-0.070	0.030	-0.050	-0.313	0.016
LCTPA	0.510	0.710	0.473	0.559	0.403	0.403	-0.099	-0.102	0.088	0.080	0.019	-0.306	0.096
INFW	1.000	0.569	0.275	0.646	-0.241	0.400	-0.094	-0.088	-0.044	-0.118	0.135	-0.440	0.178
INFL	0.569	1.000	0.264	0.682	0.078	0.385	0.254	0.343	0.093	0.049	0.032	-0.353	0.251
FNKLN	0.275	0.264	1.000	0.383	0.092	0.023	-0.095	-0.188	0.082	0.170	-0.093	-0.340	0.043
APKLN	0.168	0.082	0.343	1.000	0.139	0.275	0.217	0.083	0.030	0.126	-0.012	-0.247	0.227
STXKLN	-0.081	-0.078	0.092	0.139	1.000	-0.263	0.186	0.260	0.156	0.116	-0.140	-0.190	-0.219
VACXKLN	0.400	0.345	0.023	0.275	-0.263	1.000	0.116	0.021	-0.060	-0.241	0.102	-0.391	0.230
CRWWD	-0.094	0.254	-0.085	0.137	0.184	0.116	1.000	0.082	-0.077	0.015	0.003	-0.068	-0.027
CRNWD	-0.098	0.143	-0.188	0.063	0.260	0.021	0.082	1.000	-0.023	0.050	0.026	-0.097	0.064
VANGS	-0.044	0.093	0.062	0.030	0.105	-0.060	-0.077	-0.023	1.000	0.273	-0.254	0.016	0.034
VANGB	-0.113	0.069	0.110	0.125	0.116	-0.211	-0.175	0.050	0.273	1.000	-0.099	-0.069	0.069
SHIRL	0.138	0.093	-0.093	-0.012	-0.146	0.102	0.003	0.056	-0.258	-0.099	1.000	-0.161	0.315
HWOFHD	-0.140	-0.253	0.110	-0.247	0.110	-0.391	-0.158	-0.097	0.076	-0.097	-0.161	1.000	-0.222
IBLWR	0.178	0.153	0.093	0.251	-0.219	0.230	-0.027	0.064	0.034	0.062	-0.175	-0.222	1.000
DBLWR	-0.075	0.100	0.015	0.109	-0.058	0.086	0.016	0.031	0.017	0.090	-0.026	0.052	0.346
IBLWR	-0.053	0.069	0.119	0.126	0.206	0.003	0.005	0.004	0.003	0.000	0.000	0.048	0.085
COLLN	0.109	0.231	0.162	0.480	0.077	0.064	-0.049	-0.194	-0.010	0.076	-0.009	-0.169	0.122
CONLD	0.164	0.260	0.422	0.290	-0.050	0.035	-0.752	-0.146	0.107	0.092	0.002	-0.073	0.207
COLLN	0.168	0.377	0.307	0.429	-0.058	0.117	-0.393	-0.741	0.028	0.059	-0.008	-0.115	0.122
STLLR	0.493	0.317	0.080	0.228	-0.439	0.365	-0.131	-0.229	-0.017	-0.094	0.151	-0.237	0.316
ITFLR	-0.132	-0.197	0.102	0.133	-0.121	-0.247	-0.253	0.119	0.054	-0.162	-0.162	-0.162	-0.162
INFLR	-0.084	-0.016	0.023	0.028	0.283	0.392	0.148	0.135	0.029	0.213	-0.028	0.339	0.028
LRNFR	0.406	0.572	0.225	0.447	0.002	0.267	0.233	0.116	-0.010	-0.016	0.161	-0.608	0.311
ALFLR	-0.050	0.162	-0.160	0.269	0.070	0.087	0.281	0.243	0.007	0.005	0.036	-0.017	0.071
LOPFLR	0.397	0.339	0.158	0.050	-0.217	0.140	-0.190	-0.274	0.023	-0.073	0.009	-0.193	0.197

STEPWISE DISCRIMINANT ANALYSIS
POOLED WITHIN CLASS CORRELATIONS

	OBFLHR	HWFLHR	CRFLHR	CORFLHR	CORFLHR	STLFLR	TFLFLR	IRFLHR	LAIFHR	ALFLHR	LCFFLR
RACHLEN	-0.067	-0.181	-0.106	0.016	0.010	0.056	-0.094	-0.143	-0.028	0.122	0.038
INTHOL	-0.166	-0.136	-0.119	-0.081	-0.087	-0.180	-0.074	-0.095	0.016	0.001	0.084
LHNDRL	-0.084	-0.075	0.075	0.043	0.092	0.073	-0.081	-0.167	0.111	-0.024	-0.002
MKLML	-0.217	-0.016	0.003	0.013	-0.016	-0.043	0.012	-0.063	0.063	0.075	-0.038
MOBIL	-0.136	0.089	-0.066	-0.019	-0.093	-0.131	0.110	0.069	-0.087	0.070	-0.038
APKAN	0.071	0.057	0.023	0.098	0.059	0.035	0.017	-0.059	0.070	-0.036	0.041
APKPS	-0.001	-0.183	-0.028	-0.011	-0.046	0.009	-0.125	-0.102	-0.023	0.076	0.038
BSAN	0.055	-0.063	-0.176	-0.163	-0.135	0.055	-0.112	-0.011	0.073	0.140	-0.018
BSFS	0.098	-0.050	-0.039	-0.007	-0.037	0.179	-0.170	0.076	0.159	0.151	0.043
SVKHS	0.220	0.086	-0.048	0.021	-0.009	-0.040	-0.092	-0.163	-0.066	0.120	0.015
NSECV	-0.082	0.141	0.106	-0.084	-0.064	0.023	0.090	0.195	0.034	0.193	-0.100
PIRSV	-0.055	0.009	-0.155	-0.009	-0.074	-0.088	0.079	-0.057	0.026	-0.098	0.034
FTLLN	-0.078	0.016	-0.005	-0.138	-0.077	0.011	0.026	0.033	0.091	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
NBB	0.081	0.258	0.123	0.112	0.193	-0.150	-0.265	-0.174	0.371	0.138	0.135
IBRL	0.142	0.076	0.112	0.004	0.072	0.222	-0.499	0.001	0.257	0.290	0.158
OBRL	0.201	-0.170	0.162	0.083	0.161	0.294	-0.431	-0.224	0.503	0.118	0.182
IBRU	-0.284	-0.163	-0.000	-0.235	-0.081	-0.125	-0.347	-0.081	0.294	0.197	-0.060
ORBR	-0.533	-0.234	0.107	0.076	0.142	0.147	-0.394	-0.304	0.338	0.072	0.109
PKRL	0.077	0.098	0.296	0.057	0.189	0.023	-0.219	0.017	0.076	0.148	0.015
LEBF	0.009	0.079	0.199	-0.145	0.003	0.008	-0.380	0.032	0.250	0.282	-0.117
NFLOR	0.118	-0.294	0.033	0.042	0.087	0.371	-0.291	-0.246	0.425	0.262	0.180
CORILN	-0.008	0.285	0.516	0.332	0.397	-0.075	0.087	0.180	0.348	-0.174	-0.093
CORLUD	-0.101	0.003	-0.366	-0.238	-0.332	-0.179	0.075	0.029	-0.101	-0.157	-0.072
CORTUD	0.061	-0.038	-0.011	-0.552	-0.326	0.053	-0.233	0.053	0.317	0.148	-0.212
LCTPFA	-0.053	0.091	0.381	0.645	0.649	0.666	0.031	-0.005	0.446	-0.174	0.720
INTV	-0.075	-0.453	0.109	0.364	0.368	0.493	-0.132	-0.684	0.306	-0.030	0.397
HWFL	0.100	0.089	0.237	0.260	0.377	0.317	-0.197	-0.016	0.572	0.142	0.339
FRKLN	0.015	0.119	0.162	0.422	0.207	0.080	0.182	-0.023	0.252	-0.160	0.198
AKML	0.109	0.126	0.080	0.290	0.424	0.228	-0.125	0.028	0.447	0.284	0.050
STHOLN	-0.058	0.246	0.077	-0.006	-0.044	-0.434	-0.133	0.683	0.002	0.070	-0.217
VACHOL	0.086	-0.357	0.064	0.035	0.117	0.365	-0.121	-0.382	0.267	0.087	0.140
CRKMD	0.014	0.003	-0.049	-0.752	-0.393	-0.131	-0.327	0.148	0.233	0.281	-0.390
CRKMD	-0.021	0.009	-0.194	-0.448	-0.741	-0.229	-0.293	0.135	0.116	0.343	-0.214
VANGS	0.017	0.044	-0.010	0.107	0.052	-0.037	0.079	0.039	-0.010	-0.207	0.023
VANGS	0.040	0.208	0.076	0.092	0.059	-0.094	0.024	0.213	-0.016	0.009	-0.073
SHKLN	-0.026	0.090	-0.009	0.002	-0.008	0.151	-0.182	0.161	0.024	0.009	0.009
MUNGHIO	-0.052	0.248	-0.169	-0.073	-0.115	-0.237	0.262	0.359	-0.688	0.017	0.123
IBLHR	0.316	0.185	0.128	0.207	0.122	0.316	-0.233	0.024	0.311	0.071	0.197
OBFLHR	1.000	0.202	0.042	0.015	-0.002	0.015	0.063	0.248	0.102	-0.013	0.045
HWFLHR	0.202	1.000	0.225	0.080	0.029	-0.251	0.149	0.770	-0.006	-0.029	-0.104
CRFLHR	0.048	0.225	1.000	0.399	0.496	0.010	0.025	0.151	0.340	-0.049	0.063
CORFLHR	0.015	0.080	0.399	1.000	0.711	0.215	0.172	-0.135	0.135	-0.293	0.532
CORFLHR	-0.002	0.091	0.496	0.711	1.000	0.302	0.115	-0.109	0.211	-0.253	0.418
STLFLR	0.015	-0.251	0.310	0.215	0.302	1.000	0.073	-0.316	0.200	-0.008	0.377
TFLFLR	0.063	0.149	0.035	0.172	0.115	0.073	1.000	0.234	-0.179	-0.284	0.123
IRFLHR	0.248	0.770	0.151	-0.135	-0.109	0.316	0.234	1.000	-0.079	0.098	-0.236
LAIFHR	0.102	-0.005	0.390	0.135	0.211	0.200	-0.179	-0.079	0.000	0.041	0.176
ALFLHR	-0.013	-0.029	-0.049	-0.293	-0.293	-0.008	-0.284	0.058	0.041	1.000	-0.234
LCFFLR	0.045	-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	VARIABLE REMOVED	NUMBER IN	PARTIAL R ²	F STATISTIC	PROB > F	WILKS' LAMBDA	PROB < = MBDA	AVERAGE SQUARED CANONICAL CORRELATION	PROB > ASCC
1	NDR		1	0.7373	378.918	0.0001	0.26580792	0.0001	0.73731206	0.0001
2	RNDQHD		2	0.2843	23.224	0.0001	0.18807147	0.0001	0.81198853	0.0001
3	TKXLN		3	0.0924	12.536	0.0003	0.17064410	0.0001	0.82935599	0.0001
4	TFLPLR		4	0.0872	12.009	0.0005	0.15576333	0.0001	0.84463367	0.0001
5	LRNTH		5	0.0958	7.740	0.0062	0.14707605	0.0001	0.85292395	0.0001
6	WFLR		6	0.0495	6.776	0.0103	0.13978956	0.0001	0.86021044	0.0001
7	SHINL		7	0.0501	6.799	0.0102	0.13679038	0.0001	0.86209642	0.0001
8	INTLN		8	0.0629	6.593	0.0040	0.12443633	0.0001	0.87556367	0.0001
9	APXAT		9	0.0408	5.347	0.0224	0.11940886	0.0001	0.88059114	0.0001
10	RACHLEN		10	0.0346	4.509	0.0357	0.11528368	0.0001	0.88471692	0.0001
11	VACHLEN		11	0.0380	4.932	0.0282	0.11090700	0.0001	0.88909300	0.0001
12	ILHR		12	0.0151	4.583	0.0348	0.10697822	0.0001	0.89308078	0.0001
13	LOPFLR		13	0.0350	4.456	0.0368	0.10323031	0.0001	0.89676069	0.0001
14	BSPS	TFLPLR	12	0.0669	0.854	0.3579	0.10395408	0.0001	0.89606252	0.0001
15	OBRL		13	0.0275	3.475	0.0647	0.10109752	0.0001	0.89690246	0.0001
16	LHWR		14	0.0276	3.458	0.0654	0.09831096	0.0001	0.90168904	0.0001
17	SHINL		15	0.0228	2.825	0.0952	0.09606501	0.0001	0.90393499	0.0001
18	LBRP		14	0.0034	0.411	0.5225	0.09639164	0.0001	0.90360836	0.0001
19	SVINS		15	0.0229	2.833	0.0949	0.09418646	0.0001	0.90581354	0.0001
20			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

transva = GROUP 3

(See main text for more details)

CANONICAL DISCRIMINANT ANALYSIS

150 OBSERVATIONS
49 VARIABLES
3 CLASSES

149 OF TOTAL
107 DF WITHIN CLASSES
2 DF BETWEEN CLASSES

SPECIES	FREQUENCY	WEIGHT	PROPORTION
DISCOLOR	104	104	0.693333
TRANSVAA	28	28	0.186667
UNIFLORA	18	18	0.120000

CANONICAL DISCRIMINANT ANALYSIS

1-TYPE-SAMPLE SSCP MATRIX

VARIABLE	RACHLEN	INTNDLN	NBR	IBRW	GYNW	INFORM	PKOL	LBRP	INFL	INFW	VANOS	VANOS
RACHLEN	149	92.8278	-5.04002	8.91934	2.34772	3.96822	2.59792	-2.82197	1.9155	7.91357	5.96382	-7.11438
INTNDLN	92.8278	149	9.53902	26.6198	8.71605	17.3727	-3.53212	1.07303	1.50143	1.95239	11.4889	-8.15034
NBR	-5.04002	9.53902	149	51.1192	85.2649	120.391	89.6083	75.6972	189.529	109.629	82.0183	54.4019
IBRW	8.91934	26.6198	51.1192	149	73.2908	85.4359	30.0345	34.4206	58.6623	54.2332	5.82892	6.18534
GYNW	2.34772	8.71605	85.2649	73.2908	149	114.456	83.6465	74.5933	105.32	82.1204	0.390505	27.5772
INFORM	3.96822	17.3727	120.391	85.4359	114.456	149	86.9529	82.6772	132.698	123.574	12.2297	41.4244
PKOL	2.59792	-3.53212	89.6083	30.0345	83.6565	86.9529	149	89.5961	59.2245	89.8224	-1.25015	26.5487
LBRP	-2.82197	1.07303	75.6972	34.4206	74.5933	86.6779	89.5961	149	84.0597	72.6219	4.25994	-21.5533
INFL	1.9155	1.50143	129.965	58.6623	50.32	132.698	59.2245	89.8224	149	124.787	7.72262	47.602
INFW	7.91357	-8.15034	109.629	54.2332	82.1204	123.574	89.8224	72.6219	124.787	149	4.88508	38.9469
VANOS	5.96382	11.4889	82.0183	5.82892	0.390505	12.2297	-1.25015	8.85994	7.72262	4.88508	149	45.3934
VANOS	-7.11438	-8.15034	54.4019	6.18534	27.5772	26.5487	21.3553	33.0469	45.3934	45.3934	149	
RI INL	-8.15034	-13.2397	-14.787	0.806552	-17.0394	-27.2003	-26.5974	-14.0005	-24.6948	-31.2352	-1.31986	-21.7762
LINDRIL	-13.6076	-26.5943	-45.3785	-27.6787	-40.4759	-56.7619	-38.7503	-32.0546	-52.914	-56.7158	-13.2976	-47.1468
PK INL	-19.1881	-11.1386	-70.8348	-25.0994	-95.1099	-73.9729	-67.0273	-59.9019	-76.35	-75.8054	-38.6761	-20.1322
INFL INL	20.4337	37.7905	24.6192	1.67551	-14.9828	-13.5061	-26.4349	-20.7724	-21.8884	-17.4386	12.9377	22.3449
APKOR	0.627308	17.4088	47.3303	30.2039	23.2362	43.308	30.6661	22.8774	41.3961	48.274	11.7722	26.9154
ADPS	1.74083	-5.3128	-18.4721	-22.5987	-36.8175	-41.3918	-43.5305	-22.0865	-41.2719	-24.3766	6.34605	-21.214
BSAS	9.12101	15.5077	49.9549	24.7911	45.8274	63.2607	37.1399	61.9316	61.1862	56.784	25.3909	55.7043
SVRS	7.38649	9.92356	44.1063	19.6512	38.0512	51.793	37.1309	40.8303	48.3013	45.8103	35.8487	55.9929
SVRS	6.58399	6.93401	10.3473	-2.81289	4.77901	13.7446	9.24664	4.34659	11.5939	18.6194	46.1319	32.8012
INFLV	4.03996	-94.7002	-34.3959	-27.8266	-45.63	-52.2382	-39.3397	-23.9294	-45.3883	-42.0719	18.1463	16.3758
INFLV	24.517	35.4704	-35.1184	-4.82668	-29.3074	-36.5094	-28.6815	-31.627	-41.2862	-42.7029	14.2135	-18.7185
FILLEN	17.2895	7.89244	36.8811	11.1618	31.5088	26.0025	43.6791	12.7612	10.1737	30.1697	-7.61289	-13.9644
INFL INL	23.3315	14.2532	-5.00111	8.38793	-4.85263	3.54414	-7.45667	12.5002	-2.59635	1.81953	-0.07405	-11.0645
INFLV	-4.8359	8.25015	105.394	57.0874	102.158	131.677	84.8008	77.0101	116.528	114.777	3.3221	37.5264
CORLEN	7.95530	16.340	52.2698	9.65732	11.454	41.7732	28.5078	21.8941	57.5495	46.0257	0.546279	14.4056
CORLEN	-21.3914	-11.8802	21.4119	29.6765	73.7852	20.9955	27.6077	7.7438	26.1361	30.8488	-9.50216	5.444
CORVUD	3.86675	-2.568	7.55570	12.9945	11.7276	10.1856	6.51215	-22.6069	19.7399	12.928	-25.0441	-8.69277
STUDL	8.39356	31.5495	65.7183	34.874	32.4671	53.2396	30.6359	68.8735	51.1665	91.165	19.1812	14.7317
STB	-6.0381	-8.10912	96.8462	44.7296	84.9039	103.045	77.6636	71.1721	116.58	90.5719	7.1996	86.993
STT	22.664	22.5562	50.3162	33.8899	59.8797	83.6225	26.2949	17.7273	44.2223	49.1038	-8.73391	-25.8081
ACHN	19.4851	-12.3432	64.48	17.0131	20.5581	72.6626	56.3715	49.4322	95.7285	0.199923	16.6163	
ACHN	-1.94787	-23.6559	14.2151	30.6023	26.0668	22.6024	11.5075	-1.30212	33.9677	29.0413	-6.69299	19.751
INFLV	-19.0616	9.35279	82.054	34.3082	82.3887	87.7765	78.8922	82.0975	88.7395	80.8055	0.71259	20.9506
CHN	16.5001	39.2559	33.4143	64.47	33.1134	53.4099	-77.19	-110236	42.1371	49.0014	11.9908	-6.63034
CHN	7.74103	9.7411	-17.6094	13.6801	-13.4319	-3.0782	-11.4263	-15.1240	-20.4053	-10.3368	-15.8384	-8.82701
INFLV	44.5339	19.9119	99.747	-66.9132	-67.1196	-114.95	-77.061	-66.2882	-104.68	-68.7231	3.00387	-40.8602
INFLV	-11.5545	-10.1474	100.747	-16.728	70.9552	96.3312	82.2444	81.8019	118.236	91.6309	0.892397	46.0971
OBLEN	12.1971	-1.1941	56.2501	6.81813	19.0037	38.0632	56.3371	51.1584	56.6178	50.7667	7.74466	53.134
INFLV	-17.1705	-20.6139	35.2105	-54.6062	-23.5744	30.1889	23.142	22.7904	24.0792	-9.32327	0.13332	25.082
CHN	19.3452	26.7552	46.6884	-5.89179	-1.95798	31.8035	12.0635	18.574	47.0412	30.0875	4.22779	12.9437
ACLR	17.2246	-1.77962	1.66677	1.66366	10.2968	66.0005	87.7073	84.8128	97.0812	68.9368	-2.86387	7.132
CORLEN	-6.16088	0.284211	120.352	11.989	101.266	118.706	89.3723	59.1991	132.813	105.352	1.37021	46.1966
STILLR	-7.52992	-15.7774	92.2958	8.8181	95.6159	103.103	79.6088	80.7937	114.481	97.0569	-7.44529	13.3149
TEFLR	-25.2433	-11.6382	-95.8325	-95.1027	-86.1522	-100.212	-67.5488	-73.0841	-83.9056	-76.9257	-444822	-482.1747
INFLV	-12.682	4.59756	26.29	5.30788	25.9487	7.04299	1.89996	22.5669	29.8537	31.5313	6.31704	13.9712
LINDRIL	-19.6344	9.57727	104.684	49.6008	101.674	122.472	96.9335	12.5676	116.602	96.6782	9.6209	122.5127

GENERAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCF MATRIX

VARIABLE	SHHNL	LNDRLL	HRHNL	HSHLL	APKAN	APKPS	BSAN	BSPS	SVHRS	NSCV	PINSV	PTFLN
BACHLEN	-4.12364	-12.6076	19.1881	28.4347	0.597308	1.78083	9.12181	7.38699	6.58399	4.03096	26.547	17.2895
INTDML	-13.2397	-26.5043	11.1225	37.7907	17.4682	-5.5128	15.6077	8.92352	6.94301	-39.1002	39.4784	7.92934
IBRM	-18.9747	-43.3775	-70.8348	-28.6192	47.1303	-30.4721	49.9549	44.3083	18.5473	-34.3498	-35.1184	36.6817
IBRM	0.906855	-27.6787	-25.4994	1.67551	30.8039	-22.5987	24.7911	19.6912	-2.61294	-27.8256	-4.82668	11.1618
OBRR	-17.8394	-40.4754	-55.3959	-14.9828	23.2362	-9.7705	45.8274	38.0612	1.77091	-46.63	-29.3074	31.5088
INMOM	-27.8001	-56.7619	-71.9249	-13.5047	83.308	-47.3918	63.2607	51.793	13.7446	-52.2382	-34.5094	26.0025
PKAL	-26.5914	-34.7503	-67.0273	-36.439	30.8661	-33.5345	37.3948	37.1109	9.28604	-59.3397	-28.4414	33.4741
LBRR	-14.0995	-32.0948	-55.9019	-20.7724	22.8774	-22.8065	41.4536	40.8303	4.34669	-23.9284	-31.627	12.7612
INFL	-24.6966	-32.914	-75.95	-21.5884	41.3981	-41.2719	61.1862	48.3013	11.5939	-45.3883	-43.242	40.1737
INFM	-33.352	-54.7129	-75.9024	-17.6386	48.476	-38.3766	56.780	42.9103	18.6104	-42.0719	-42.7824	10.1691
VANDS	1.11986	-11.8976	-186761	12.5937	11.7722	6.34605	25.3909	25.9687	46.1319	16.1463	14.2139	-7.61289
VANDS	-21.5782	-47.1468	-24.1322	22.3449	26.9154	-21.218	25.7043	25.6929	32.4012	16.578	-18.2185	-13.9644
SHHNL	189	116.733	51.0727	-68.5476	-53.2768	-48.9924	-47.9679	26.6723	-36.2011	21.7736	0.499995	0.177076
LNDRLL	116.733	149	73.6259	-70.1859	-72.4552	14.5335	-90.9999	-23.7541	-37.1408	34.8932	5.16119	2.61155
HRHNL	51.0727	73.6259	149	71.9319	-61.8765	83.8051	-51.5099	5.76082	-26.0622	71.1294	60.7509	25.167
HSHLL	-68.5476	-70.1859	-71.9319	149	16.6182	26.9421	63.0762	16.8485	10.3201	-29.2225	33.4437	23.7209
APKAN	-53.2768	-72.4552	-61.8765	16.6182	149	-68.3154	31.7986	1.6163	27.2719	-24.5118	6.71105	-2.91314
APKPS	-4.99266	14.5335	83.8051	26.9421	-68.3154	149	-11.0836	12.7517	2.81102	20.7476	4.89626	-0.94793
BSAN	-47.9679	-90.9999	-51.5099	63.0762	33.7986	-11.0836	149	65.1131	74.7296	-5.4626	-9.12476	-2.98995
BSPS	26.6723	-32.5941	-31.7664	16.8485	-12.7517	-61.653	65.1131	149	9.92193	12.9011	-10.0877	-11.7201
SVHRS	-36.2011	-37.1408	-26.0622	10.3201	-27.2679	2.81102	34.7996	9.92193	149	31.4408	-20.1655	-18.2573
NSCV	21.7736	34.8932	71.1294	29.2225	-24.5118	20.7579	-5.20126	12.9017	31.4408	149	-11.96	14.3485
PINSV	0.499995	5.16119	60.7509	33.4437	6.71105	0.89029	-5.12476	-10.0877	-20.1655	-11.96	149	-14.16219
PTFLN	-0.177076	-2.61155	25.167	-23.7209	-2.91314	-0.94793	-2.98995	-5.12476	-10.0877	-18.2573	-14.3485	149
INFL	-11.8339	-6.20992	-28.9777	11.6923	1.94037	12.2452	0.9706	5.94099	2.4732	8.34455	-18.2350	-2.04768
INFM	-25.305	-40.4033	-64.3067	-14.6332	27.1777	-31.0634	61.8331	56.6172	12.113	-46.598	-34.7199	19.0266
CORRLL	-33.1346	-26.1259	-22.3067	14.7047	30.2377	-10.0929	-42.8206	19.2782	20.3258	6.17755	-1.05432	25.0287
CORLMD	-15.7994	-22.6803	-19.5456	4.21224	21.3895	-0.0496	35.3857	20.9287	-9.142	-3.02217	-0.0211	-2.63515
CORTUD	-8.07922	-19.3435	-160196	12.9296	7.65833	-10.0057	15.63	16.317	-9.1466	-9.94086	-0.465314	20.8128
STHMLL	-24.933	-33.6815	-25.8027	6.9299	21.8243	-11.2801	15.1766	-8.53631	14.9679	-12.8316	-0.44832	12.9743
STBL	-30.6011	-50.8611	-65.1189	-16.641	46.2098	-37.982	46.8895	-26.3779	15.9916	-40.8785	-28.3085	32.6412
STHND	-4.07684	-22.6263	-23.7405	-1.55488	39.6168	-16.612	19.9812	23.7406	-6.59621	-30.1159	9.22088	16.4321
ACSHLL	0.156727	-18.3369	-22.9936	-24.7451	9.86681	-16.0787	34.7955	39.0604	-2.30182	-28.599	-50.1566	26.6456
ACPMH	-25.7415	-11.0951	-1.72743	-12.6281	-2.08274	-22.8765	-10.6164	12.0075	-10.0773	-21.4048	10.0436	-1.0436
KVPAC	-37.4448	-51.1634	-49.7677	49.0336	-9.7677	49.0336	-9.7677	49.0336	6.39577	-45.1394	-21.324	25.8719
CRPMH	-9.09735	-31.8361	-19.796	12.0992	46.1073	-16.1348	30.4048	11.2084	-7.4881	-15.0431	12.5144	4.68227
CRPMH	5.13537	-8.8433	17.59	17.1563	4.74632	0.903849	7.7611	17.2379	-7.3069	10.1872	24.9886	-19.0566
MMHGFH	31.8112	19.7533	76.9998	23.559	-42.5564	-45.6999	-34.0001	1.82967	93.6969	29.4558	-12.4998	-12.4998
IBLRL	-11.373	-45.9147	-68.2586	-20.5996	33.408	-34.8512	36.4043	18.9313	17.7	-33.6993	-33.1518	36.2114
OBGLR	-24.4688	-25.181	-34.9658	-9.37248	0.617950	-4.25478	27.6702	27.1792	1.09315	-18.1091	-26.4973	13.8209
INFLRL	-2.31821	-34.6688	-31.8063	-8.8583	3.38434	-1.61094	0.90816	-0.8882	4.0066	30.9058	-17.0366	36.0879
GRLLRL	-24.3729	-21.3621	-11.7265	-7.1648	-2.40073	28.9107	6.15674	27.7277	6.60118	-7.28217	-27.1465	-7.1465
ACMLR	-12.2925	-22.9636	-46.3428	-22.6649	9.41275	-4.6004	30.1925	35.9619	2.2708	-31.9035	-42.8704	16.5676
CORLRL	-25.5054	-25.1189	-76.6941	-19.6658	44.176	-44.3388	54.8045	39.6959	-12.4335	-42.3436	-34.9658	39.5813
STBLRL	-21.5358	-47.1309	-75.4787	-23.0307	43.6051	-42.6281	37.483	48.3669	1.87331	-30.6695	-37.6679	36.5821
TFLPLR	34.9832	33.3316	57.0945	4.20732	-44.7367	46.1362	-46.1884	-25.2974	-10.9889	33.0645	18.7475	-33.8406
INFLRL	-16.2789	16.5709	8.63891	4.85127	-13.3668	-2.04287	-1.82325	-7.16477	-10.8199	0.370066	6.89817	13.12
LRHFRH	-37.7958	-29.2451	77.0056	-11.1205	85.4506	-27.1528	59.3304	41.8946	-11.6568	-69.5389	-25.7228	17.2939

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VARIABLE	INTLN	RFLOR	CORLLA	CORLMD	CORTWD	STMKL	STBLN	STBWD	ACKMLN	ACKMWD	HPVAC	CIMMWD
RACMLN	23.3315	1.88359	7.39538	-21.3914	8.36675	8.39356	-2.08381	22.664	15.8261	-1.50787	-19.0216	16.2641
INTDOLN	18.2922	8.22015	16.340	-11.8502	-2.568	31.5895	-5.10912	22.5262	-12.8502	-23.6559	5.35279	33.5599
RBR	-5.00011	105.934	52.8628	27.1219	7.55578	65.1783	56.8982	50.1162	64.48	10.2151	88.054	33.3183
ISBN	8.38793	57.0870	9.66572	26.2768	12.9095	30.874	60.7296	53.9899	17.0112	30.6023	34.3022	64.47
ODBN	-8.85963	102.158	11.454	23.7832	11.7276	32.481	68.9039	29.8797	50.581	26.8066	80.2887	33.1138
INBN	3.34414	131.677	81.7732	20.9925	10.1826	57.8773	103.049	43.8225	72.6896	22.6824	87.7765	53.4999
PKOL	-7.29667	64.6008	29.5078	27.0227	6.51215	33.2396	77.6636	26.2949	58.4711	11.5075	70.5222	27.1719
LBRP	12.5902	77.0101	21.8941	7.7038	-22.6065	30.6395	11.7281	17.7273	49.8322	1.90212	73.0975	-110236
INTL	-2.55635	116.528	57.5345	26.1161	19.7999	62.8735	115.56	40.2223	101.593	35.9677	86.7853	42.771
INTV	1.31953	118.777	46.0557	30.4888	12.0228	51.1654	98.2719	49.1038	95.7955	29.0413	80.8065	49.0014
VANCS	-2.07405	3.3227	0.548275	-9.56916	-25.3861	19.1812	7.1998	-67.3391	-8.69299	0.711259	11.9908	
VANCS	-11.0045	37.3288	14.7055	5.408	-8.69277	10.7317	86.983	-22.5017	12.6167	15.751	20.5006	-6.63038
SHINL	-13.8338	-25.593	-33.1146	-15.7394	-8.07922	-28.993	-30.6011	-4.07664	0.156272	25.7515	-37.448	-0.09738
LINORL	-6.20992	-40.4033	-36.1259	-22.6803	-12.9349	-33.6815	-50.4811	-22.6263	-16.3369	11.8841	-51.1838	-31.8931
PKMLN	28.9777	-64.3067	-22.3067	-19.5456	-1.00326	-25.892	-65.1184	-23.7305	-48.9938	1.72743	-65.4812	-19.796
PKMOL	41.6923	-14.4333	14.7047	8.21224	12.9296	6.9299	-16.841	-1.59488	-24.7953	-12.2881	95.7677	12.8922
APKAN	1.70337	27.1777	30.2371	21.3895	7.86583	21.8543	46.2652	35.6168	9.66681	2.08278	49.0336	36.1073
APKPS	12.8952	-31.0634	-10.0529	-13.0496	-12.0057	-11.2501	-37.382	-16.116	-16.0787	-22.5895	-54.9408	-16.1348
BSAN	10.9705	61.8331	12.8206	25.3827	15.63	15.1766	46.4899	19.3612	34.7952	10.8766	31.2029	30.4972
BSPS	5.54927	56.6172	19.2182	20.9587	16.387	-8.58621	29.2172	29.7006	39.0604	10.0079	5.78975	11.2004
SVINS	2.4732	12.113	20.3528	-9.142	-17.8166	16.9679	15.9536	-6.59881	-2.80142	10.3728	6.38577	7.02811
NSCV	8.62095	-16.989	3.61755	-3.02332	-9.50086	-12.4518	-80.8765	-30.1159	-22.589	10.0775	-45.1354	-15.3643
PIVSV	12.2350	-34.7199	-10.05432	-8.02131	0.405314	-20.44432	-28.3086	9.22028	-50.1568	-21.4548	-21.389	12.5144
PTLNL	-2.64768	19.0296	25.0227	-2.63575	20.6168	12.5743	32.6012	16.4321	26.6036	16.0836	25.4739	4.88227
INTLN	149	1.68513	10.7589	-16.1768	-10.2299	-0.06711	3.40003	-1.1372	3.50993	-17.798	-0.16289	9.61022
RFLOR	1.68513	149	24.4616	9.4125	5.66095	32.0994	81.164	29.8907	60.9647	-2.73592	71.0196	20.2964
CORLLA	10.7589	24.4616	149	53.5089	53.2351	50.9116	82.6381	30.4443	37.9283	26.054	29.5254	38.6585
CORLMD	-16.1768	9.4125	53.5089	149	74.5629	75.8581	8.58888	39.0268	19.5518	48.2027	38.3126	64.2177
CORTWD	-10.2299	5.66095	53.2351	74.5629	149	13.4692	27.902	51.0225	23.7101	50.4652	13.9765	45.6065
STMKL	-0.06711	35.0993	50.9116	15.8581	13.4692	149	71.818	31.6032	21.9888	13.6045	46.4079	17.0585
STBLN	3.40003	81.164	82.6381	8.58888	27.902	57.818	149	34.2789	79.0135	30.9630	81.6711	39.0388
STBWD	-1.1372	29.8907	30.4443	39.0268	97.0225	31.6032	34.2789	149	26.843	21.7519	46.4079	16.8026
ACKMLN	3.50993	60.9647	37.9283	19.5518	23.7102	21.9888	79.0135	26.843	149	63.636	34.7734	26.257
ACKMWD	-17.798	-2.73592	26.054	26.054	80.8207	13.6045	30.9630	21.7519	63.636	149	15.3841	48.2778
HPVAC	-0.16289	71.0196	29.5254	38.3126	38.3126	46.4079	81.6711	46.4079	38.3126	15.3841	149	47.2641
CIMMWD	9.61022	20.2964	38.6585	45.6065	45.6065	38.3126	38.3126	45.6065	38.3126	47.2641	149	
CIMMWD	22.2406	-15.7376	18.2997	52.5653	33.584	17.0083	-11.1853	34.5821	-25.7615	24.3344	8.02923	64.1888
INRMD	13.3859	-101.120	-21.917	-26.3053	-2.19011	-5.1483	-82.7318	-24.0966	-42.0088	-2.2736	-85.6238	-33.347
1BLMR	-8.77591	95.704	51.3439	9.75028	4.11605	44.8573	92.6116	23.2286	60.4147	1.6826	70.2011	4.98765
GBLNR	3.39581	46.0867	31.5338	10.0156	2.82336	22.857	62.8191	4.05573	37.4882	-20.4617	37.1143	-12.5309
INVLNR	-7.39953	-28.2880	10.3225	-3.05521	-1.82904	19.4251	17.8055	-13.6957	15.7729	-8.10569	17.1910	-34.1254
CORLLNR	20.5136	21.1119	122.268	38.1084	10.3564	43.7769	39.5575	8.54631	25.7372	-2.765	7.86326	2.39259
ACMLNR	13.3407	65.5026	26.1922	-2.30138	-1.06381	15.133	70.1632	19.0823	129.39	-9.70056	30.4237	8.45049
CORLNR	1.80577	73.337	85.7052	4.30033	6.03327	56.9556	109.473	22.7954	60.7996	4.3078	85.3466	0.934709
STLLNR	3.1968	95.054	27.7837	-21.108	10.6126	-22.9901	90.519	18.179	75.2851	15.4238	71.7084	17.3084
ITLFLR	4.92970	88.5625	-26.9930	-10.7636	8.95902	-56.7135	-73.6738	-20.05	-1.15109	21.6839	-80.4575	-20.3783
LNLMR	-1.5165	-5.39946	14.0698	-11.8188	3.21832	24.2387	21.0119	14.3632	-2.37981	-347168	9.36967	-18.3608
LRVFLR	-4.7077	104.838	83.8594	-27.6849	15.0239	50.8296	90.3076	38.3034	50.617	12.1186	93.0066	49.2672

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VARIABLE	GRNWD	WINDFHD	10LWR	0BLWR	1NVLWR	0LLWR	ACLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNFIR
RACHLEN	-7.74103	64.5339	-11.5545	-12.1971	-17.1735	19.3452	17.2286	-6.16088	-7.59902	25.9431	-12.6082	-19.6344
INTNDLW	9.71411	19.7119	-1.71408	-9.11941	-20.6139	24.7952	-1.77964	0.288421	-15.7774	-11.2342	4.55755	9.77277
NR	-11.6204	-95.7747	108.747	56.5501	35.1653	12.6884	61.6657	120.132	92.2998	-99.4325	26.28	104.684
1BRM	13.6861	-66.9132	-16.774	23.6183	-58.6062	-5.89179	1.66924	41.989	38.2162	-55.1097	5.30788	69.8008
0BRM	-13.1519	-97.6158	70.9851	-5.10007	-25.5744	-1.75798	40.2968	101.266	95.8159	-64.1562	25.9087	101.674
1NRW	-3.03782	-114.955	26.3111	38.0532	-30.1889	31.8835	66.0895	118.706	103.103	-100.212	7.04399	122.872
PMOL	-11.4267	-77.0470	62.2440	32.3577	23.142	12.0815	57.7073	89.3723	79.6048	-67.5484	1.89956	96.9335
1RIF	-15.1204	-64.2382	81.0019	51.1506	22.7904	18.0474	54.8184	95.1997	60.7937	-73.4019	22.5863	92.3676
1NFL	-10.8953	-104.66	118.236	56.6178	28.0792	44.4214	91.6412	132.813	114.431	-93.9066	29.8537	116.802
1NFM	-10.1358	-86.7313	91.6305	50.5684	-9.68227	30.0875	68.9358	105.332	97.9569	-75.9257	91.3313	96.6876
VALIOS	-2.8364	-3.08247	0.692977	7.4846	0.13332	9.42779	3.63187	1.37051	-7.58483	-4.84222	6.31704	9.6209
VANGH	-6.82701	-40.8502	46.0971	28.6351	25.082	12.0417	7.132	46.8966	33.5955	-42.1747	12.9712	62.5127
SHIL	9.13517	31.8212	11.373	-25.4648	-2.31223	-24.2739	-12.2015	-15.6584	-21.3358	30.9853	-2.2789	-37.704
1LNDRL	-2.8435	-9.7533	-85.9143	-25.181	4.54468	-23.3621	-22.5456	-35.1129	-67.3299	53.3316	12.5105	-59.2451
NKRL	17.39	76.9998	-65.2546	-34.9052	-3.68083	-11.722	-46.5428	-16.6381	-72.8787	57.0945	8.63891	-74.0656
NKNDL	17.1563	53.559	-20.5596	-9.37028	-6.45343	11.5382	-22.6009	-19.4638	-23.0307	4.20752	-4.47127	-17.1205
APXAR	4.74632	-42.5364	33.4084	0.617558	3.35434	17.1648	9.41275	14.178	43.6051	-44.1767	-13.3668	45.4506
APXPS	0.503849	36.8964	-34.4517	-4.29372	-1.41054	-4.6004	-46.3368	-42.5281	-46.1362	-2.94287	-37.1528	-37.1528
BSAN	7.7611	-40.6955	56.4003	27.6702	0.902746	26.2107	30.1925	54.6943	57.483	-45.1804	-1.82355	59.3304
BSFS	17.2379	34.0001	36.9313	27.1792	-8.8862	6.76074	35.9519	39.6959	46.3669	-25.5914	-7.36477	47.0909
SVIRS	-7.3069	-5.82947	13.775	1.8015	4.0806	27.7277	2.2798	12.4335	1.8731	-10.9880	-10.8199	-11.6568
ASFCV	10.3472	53.6959	33.6593	-18.1091	30.9098	6.20118	-31.2035	-43.3436	-50.6695	33.0645	0.739006	-49.5384
PINW	28.9486	29.4558	33.532	-26.4913	-17.0286	-2.29017	-32.2709	-34.9658	-37.6619	18.7075	6.89247	-25.7228
FCLL	-19.0956	-12.0998	36.2114	13.8209	36.0879	27.3565	16.5676	38.2953	36.5221	-35.2106	15.712	17.2939
INTLR	22.2406	13.3369	8.77591	3.33411	-7.39953	20.5196	13.3447	1.30577	3.1948	0.92874	-1.5165	-6.7671
RYLOR	-15.7275	-101.328	95.706	49.0867	-20.2688	21.1019	65.5056	113.17	105.06	-86.5225	-5.39646	104.838
CORLLN	18.2997	-21.917	51.3439	31.5348	30.3225	122.269	25.1922	35.7032	27.783	-36.9938	11.0598	43.8584
CORLLD	52.5653	-26.3453	9.75028	04.12158	-3.60521	-34.1084	-3.50138	4.90433	21.159	-10.1636	-11.6188	27.6849
CORLTD	33.6864	-5.70911	4.11809	2.82336	-1.82901	10.2564	-1.26241	6.03387	16.6186	8.92052	3.21832	15.0239
STKPOL	17.0027	-67.1449	44.8573	22.657	-19.4251	43.7769	15.133	56.9556	-22.9001	-56.7135	24.2387	50.6296
STLR	-11.1623	-87.9312	92.6116	52.6151	-17.8095	70.1632	70.1632	90.3195	-17.0702	27.6738	21.1119	90.94
STWRD	34.5021	-48.0668	21.2246	4.65975	-13.6457	8.94631	19.9823	22.7964	34.179	-20.05	-14.3532	38.5034
ACKLON	-22.7613	-46.6886	69.4147	37.4882	25.7332	125.34	28.7956	75.4851	-1.15105	-2.37981	38.617	38.617
ACKND	20.8244	-2.2759	-6.6826	-20.1617	-4.10908	-2.76056	4.3018	1.8239	21.6835	-3.87168	12.188	12.188
HVPAD	6.02983	-95.6523	70.2101	37.1113	11.1914	7.66326	30.4237	65.2406	74.7762	-82.4575	9.36967	93.0066
CRUPOH	64.1588	33.597	4.98769	-12.5399	-34.1254	2.39559	4.65649	0.244709	1.3084	-20.3767	-18.3608	49.2872
CRNWD	14.9	15.9217	-28.6518	-10.0456	-34.3588	-13.0197	-41.7562	-32.3024	-31.9691	9.92536	-14.1626	-14.9
RMDFHD	-10.547	18.8	-66.4409	6.00563	16.2007	-7.7073	-44.2593	-105.402	-90.7137	106.31	-21.6459	130.851
1LLWR	-20.6518	-86.4809	148	77.2601	59.1663	47.6266	73.8876	124.755	104.009	-24.6948	36.4018	90.1752
0BLWR	-19.0956	-30.6263	77.2601	149	59.3147	32.4883	50.4186	67.2462	55.0681	-63.5408	12.6749	39.4144
1NVLWR	-34.3508	16.2007	59.1663	59.3147	149	44.6512	19.0768	34.1915	14.9874	-16.8743	55.4983	-5.88664
VALLR	-11.0197	-7.87023	67.6426	26.4282	44.6512	27.94	27.94	42.2798	16.3721	-31.3796	21.6184	28.4923
ACLLR	-41.7562	44.2593	73.8876	50.4186	19.0702	67.98	149	72.6147	74.0263	-10.9867	-7.8512	57.8512
0BLLR	-36.4018	-105.612	120.755	26.4282	59.1915	45.2798	149	15.665	-10.191	38.8483	108.709	108.709
STLLBR	-19.9591	77.1047	103.409	55.0681	14.8474	16.3721	74.0263	115.665	149	-76.3195	15.8952	95.2738
TFLPLR	9.92536	106.33	94.8208	-43.2402	-78.8743	-24.3796	-10.9867	-110.191	-76.3195	149	-26.7034	-96.8499
INFLWR	-14.1626	-21.6459	36.4018	12.2721	36.1983	51.8164	-4.00019	38.8483	-22.7024	149	26.2079	149
LRNFIR	-14.939	-130.851	94.1752	35.4144	-5.88664	28.1953	57.0512	108.709	95.2728	-96.8499	26.2079	149

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	RACHLEN	INTNOLN	MHN	IBRW	OBWM	IBWGW	PKML	LBWP	INFL	INFW	VANDS	VANDG
RACHLEN	-1.18864	-0.42353	-9.78912	-5.50875	-8.7835	-14.4818	-8.10687	-7.49875	-10.089	-9.1478	-1.66826	-3.85584
INTNOLN	-0.42353	0.50777	6.15109	5.84121	7.59725	8.4702	4.855	4.78066	6.76648	5.92536	0.270119	2.30512
MHN	-9.78912	6.15109	88.9145	80.4607	71.4203	90.9827	79.3736	69.4544	89.9205	82.2911	0.196664	35.2583
IBRW	-5.50875	5.84121	80.4607	80.2925	81.4385	59.1372	50.189	48.5105	48.8508	39.8557	1.91205	-0.0786
OBWM	-8.7835	7.59725	71.4203	51.6385	71.08	87.6949	57.0255	53.104	75.662	67.6884	2.00227	27.4779
IBWGW	-10.089	8.4702	90.9827	58.1372	87.6949	105.477	76.0512	68.7221	9.0146	85.5942	2.01346	35.141
PKML	-8.10687	4.855	79.3736	30.269	57.0255	74.0512	64.8397	59.4482	-3.5053	69.4263	0.11115	10.0672
LBWP	-7.49875	4.78066	69.4544	28.3309	33.104	68.7221	59.4482	54.6846	-0.6866	64.0294	0.028357	16.2517
INFL	-10.089	6.76648	89.9205	48.8508	75.662	95.0146	75.5093	69.6862	61.4314	61.9485	1.10206	35.4839
INFW	-9.1478	5.92536	82.2911	39.2607	67.6884	85.5942	49.4063	64.0294	63.1195	76.312	0.846312	14.9519
VANDS	-1.66826	0.270119	0.196664	1.91205	2.00227	2.01346	0.11115	0.10516	0.088332	0.115424	0.027616	0.25716
VANDG	-3.85584	2.30512	35.2583	19.0786	27.4779	35.341	30.0672	27.677	35.4049	32.5517	0.25716	12.3231
IBRW	-3.39178	-2.43508	-40.3918	-17.233	-31.4827	-40.4952	-34.5024	-31.725	-40.6429	-2.687	-19.797	-16.0676
OBWM	-6.45228	-0.07055	-56.1279	-11.2135	-30.0377	-61.7687	-46.5382	-37.7806	-56.4176	-5.91579	-22.0071	-22.0071
IBWGW	-4.12972	-5.07508	-62.0466	-33.3432	-54.5433	-67.7928	-52.2181	-48.2971	-64.221	-56.3812	-1.91074	-24.6289
PKML	0.182004	-0.86885	-3.48425	-1.76986	-3.10756	-3.29728	-3.03365	-3.89444	-3.1382	-0.6782	-1.3253	-0.0786
LBWP	-5.03114	2.98048	46.4255	19.4601	35.2365	46.2335	39.6029	36.0252	-0.00778	4.259	0.310995	16.4831
INFL	4.4074	-2.55487	-40.4952	-16.111	-31.0813	-40.3133	-35.0002	-32.2643	-41.0078	-3.714	-2.35059	-16.3209
INFW	-4.50676	3.73714	41.8564	25.2538	39.041	47.5694	34.3815	31.8288	43.4436	39.2556	0.82101	16.3243
VANDS	-2.8789	-2.65027	-28.8056	-17.8857	-24.907	-29.1229	-18.0287	-18.8895	-3.445	-21.8008	-0.3517	0.76485
VANDG	-1.38626	0.670505	12.7017	4.27994	8.09281	11.8518	11.0035	10.1322	12.5763	11.6331	0.117841	1.10285
IBRW	4.74794	-8.0559	-35.7925	-13.0768	-43.4072	-49.4416	-27.2594	-25.809	-39.2082	-34.5193	-1.50686	-13.4556
OBWM	2.62807	-0.94129	-36.7158	-5.0412	-15.1728	-22.3407	-23.8495	-21.7823	-35.4977	-24.1852	0.211005	-10.8809
IBWGW	-2.93391	0.215437	30.3823	5.27927	16.9419	24.5635	27.3278	24.9317	29.1928	27.4098	-1.30022	12.4284
PKML	-5.06665	0.277786	4.76532	1.09471	1.503136	0.50072	4.10665	3.7748	1.75218	4.57932	0.076895	1.90612
LBWP	-9.74412	7.86368	81.5012	53.1209	79.8651	95.6395	66.1425	61.4142	93.1	76.7607	1.87718	31.6121
INFL	-2.83278	0.286636	31.7327	0.762432	13.3459	22.0273	29.4163	26.7005	29.6379	28.2338	-6.67889	13.186
INFW	-1.31872	1.21089	10.8006	3.71109	11.1629	13.240	7.89927	1.37715	11.0461	9.24185	0.379778	3.86524
CORWLD	-5.66005	0.729223	3.17247	5.11681	5.75557	6.05174	8.01897	1.96374	3.86819	1.84182	0.287105	1.09565
STKLOL	-4.8823	5.7577	46.1101	16.5776	33.2726	40.0894	36.0053	46.0274	48.4875	0.111218	18.562	18.562
STBL	-8.59636	5.04006	77.1212	37.2903	63.8591	83.984	68.9792	59.0381	78.1878	71.5586	0.66516	40.485
STWD	-2.80207	2.31788	23.2094	15.6939	23.1837	27.6576	16.7117	17.4608	24.9827	21.9968	0.57879	8.97739
CMKML	-3.86282	1.95952	34.5677	12.9684	25.2809	34.5677	32.26	29.437	36.5091	33.827	0.048058	14.8291
ACHKMD	0.225113	-1.66659	-1.94328	-1.11645	-1.76365	-2.16374	-1.60468	-1.46539	-2.05991	-1.61778	-0.024216	-0.76356
NUYAC	-8.60005	5.38494	77.0287	36.8715	63.1029	80.6111	69.5184	60.1107	72.789	71.269	0.88346	30.7184
ACHKMD	-2.65229	5.92066	1.00628	20.2859	55.4284	28.1311	13.9723	13.2182	21.3094	18.5565	0.99238	7.02813
CHRWG	0.591765	0.175251	-7.91727	1.06821	-0.59145	-3.02883	-1.1808	-4.81389	-6.77588	-0.386094	-0.386094	-0.386094
NNHOFD	9.36495	-8.20301	-82.7186	-55.5045	-82.0222	-98.2998	-86.8622	-68.1304	-86.8835	-76.0623	-2.01629	-28.0257
IBLAW	-8.82224	5.09963	82.7213	33.1534	66.9598	81.2246	70.9048	65.8926	72.0011	75.1954	0.407127	33.0004
DELLR	-7.7404	1.23475	8.26304	27.768	40.0734	44.1995	40.1393	47.1534	44.1314	44.99229	20.1097	20.1097
INFLWR	0.042047	-4.00518	15.9505	-29.3479	-19.327	-31.782	-20.2007	17.6232	9.52757	11.7078	-2.43743	7.24894
DELLR	-2.28116	-1.35211	27.8029	-4.38177	-16.7016	-24.1081	-26.7016	-24.1081	-25.0767	-24.2726	-9.97299	-17.7658
ACHKMD	-2.23238	2.80041	40.2897	14.106	26.8708	37.0987	34.9228	32.065	39.9871	36.9376	-0.785366	16.2916
COLLAR	-10.1219	6.87439	96.7074	78.8137	99.5905	81.0414	75.5685	67.9089	89.5263	8.18826	0.88826	28.216
STLLR	-8.75203	6.28812	76.3212	41.2992	67.6477	83.643	63.364	58.5982	78.788	71.2385	1.21364	29.944
TFPLR	10.2971	-6.05253	-99.0074	-45.3638	-76.9588	-86.8193	-77.5581	-71.077	-93.6558	-87.075	-36.5656	-36.5656
INFLWR	-1.28143	1.27175	9.18901	8.00709	11.4201	12.9347	6.43912	6.38912	10.1229	8.8881	0.05513	2.9104
INFLWR	-9.67155	7.43877	84.6905	49.9212	77.5667	95.3518	69.7015	64.558	87.6909	79.37	1.98	33.0018

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCOP MATRIX

VARIABLE	SHNL	LHDL	NKLN	MWDL	FXAN	APXS	BSAN	BSPS	SVNS	NSCV	PINSV	PTLN
RACLEN	4.39178	6.45228	7.12972	0.48460N	-5.03114	-4.4076	-4.90676	-2.87897	-1.32626	4.74794	2.62607	-2.53391
INTRDLN	-2.63304	-4.87025	-5.00308	-0.26882	2.98008	-2.59587	3.75714	2.68287	0.670505	-4.8059	-0.90429	0.915337
NBR	-40.3018	-56.1279	-62.6465	-3.64856	46.4256	-40.9342	41.8544	22.8456	12.7017	-37.7925	-26.7159	30.3223
IBRW	-17.2323	-31.2135	-33.3432	-1.76996	19.4401	-16.567	25.2538	17.8857	4.27994	-33.0728	-5.64172	5.27927
OBW	-31.4027	-50.0377	-54.5033	-3.10756	35.6345	-31.0813	39.061	24.907	8.89281	-44.0072	-16.7728	16.9410
IMPNW	-40.8552	-61.7647	-67.7952	-3.93226	46.2335	-40.3133	47.5694	29.1229	11.8518	-40.4416	-25.3647	24.5635
PKL	-34.5529	-56.5382	-52.2181	-3.29714	39.6429	-35.0882	34.5415	18.0267	11.0435	-27.7234	-23.8455	24.3270
BRP	-21.7125	-43.0676	-48.2571	-2.00325	36.6795	-32.6642	37.8048	16.8795	10.1252	-29.604	-21.7823	24.9317
INFL	-40.6429	-57.7806	-64.223	-3.89544	46.652	-41.0278	43.4435	29.485	12.5763	-39.2089	-25.8697	29.1928
INFL	-37.8777	-52.4176	-58.3812	-3.56342	42.829	-37.714	39.2536	21.8008	11.6511	-34.5193	-20.4832	27.4095
VANGS	-29.7287	-49.5729	-51.7074	-0.36782	0.310995	-23.6292	0.621701	0.735617	0.117641	-1.5986	0.211005	-3.00222
VANGB	-16.0576	-22.0071	-24.6289	-1.5253	18.4831	-16.3229	16.2283	8.74595	5.10286	-13.4536	-10.8809	12.4244
SHNL	18.4091	25.2006	28.2057	1.18734	-21.1773	18.7033	-18.4895	-10.6052	-5.88622	15.381	12.4773	-14.0294
LHDL	25.2006	36.8992	40.7976	2.14324	-28.8793	25.3068	-28.0286	-16.3904	-7.62994	26.9284	15.1791	-10.9672
NKLN	28.0957	40.7976	45.0959	2.7558	-32.3426	28.3865	-30.8603	-17.773	-8.5183	28.9218	17.3863	-19.5809
MWDL	1.74134	2.43062	2.75568	0.166597	-2.06807	1.77005	-1.81697	-0.96904	-0.542607	1.56346	1.15085	-1.30783
APXS	-21.1773	-28.8793	-32.3426	-0.06807	24.3672	-21.5299	21.383	11.3815	6.74607	-17.4127	-14.4443	16.5134
BSAN	18.7033	25.3068	28.3865	1.77005	-21.5299	19.0389	-18.4893	-9.83369	-5.28858	16.2003	12.9115	-16.7007
BSPS	-18.6895	-26.0286	-30.8603	-0.81697	21.383	-18.5863	21.4617	12.8893	5.25453	-21.6028	-10.7322	11.8822
SVNS	-10.0052	-16.3904	-17.773	-0.96904	11.3815	-9.83369	12.8893	6.7375	2.75793	-14.5346	-6.6531	6.92619
NSCV	2.48622	7.62994	8.61831	0.542607	-6.76007	-5.90286	5.25453	2.75793	1.91710	-3.96332	-4.26214	4.9251
PINSV	15.381	26.9284	28.9218	1.56346	-17.4127	11.9003	-21.6028	-14.9346	-3.96332	27.2631	5.76703	-5.68339
PTLN	12.4773	15.1791	17.3863	1.5085	-14.0294	12.9115	-10.7322	-6.6531	-4.26213	9.76703	9.90217	-11.6682
INTRLN	-2.18434	-2.91161	-3.75501	-0.26995	2.51656	-2.28898	2.15742	1.09912	0.704321	-1.63204	-1.54287	1.77406
INFL	-36.1848	-55.3978	-60.961	-3.58127	41.3362	-36.0432	40.5484	10.5484	-40.0874	-17.7043	21.5973	-14.5973
COLLNL	-15.1215	-16.9917	-19.3402	-1.36193	17.6085	-15.8907	11.0607	3.50933	5.46919	-2.29919	-13.5986	16.1764
COLLNL	-4.82886	-7.49234	-8.68485	-0.409857	5.01679	-3.61362	5.25453	4.01771	1.76659	-7.22265	-1.45563	1.89888
COLLNL	-1.2494	-2.95346	-3.04612	-0.14057	3.77786	-1.11362	2.53383	2.06661	0.202208	-4.00971	1.137564	-3.47655
STKCOL	-21.2729	-28.07	-31.363	-0.06807	24.502	-21.7427	20.5272	10.387	6.98323	-15.199	-15.2505	17.5773
STKLN	34.9194	-49.2517	-54.3819	-3.19977	40.101	-35.2905	36.9267	20.9888	10.8607	-39.727	-25.5184	25.4062
STBND	-10.2749	-15.9792	-17.7649	-1.00894	11.7285	-10.2028	12.379	7.72311	2.96136	-13.2728	-5.44629	5.92959
ACHKLN	-15.993	-22.2198	-25.068	-1.5948	19.6017	-17.1959	16.1898	8.00766	5.56378	-11.6367	-12.3481	14.7468
ACHKLN	0.870631	1.28673	1.6208	0.084924	-0.97011	0.870319	-0.98041	-0.570318	-0.34715	0.360059	0.514908	-0.73348
NVAPC	35.1811	-49.4008	-55.0325	-3.36112	40.412	-35.2502	36.9799	20.5073	10.9826	-32.4333	-22.8627	25.9198
CRKWD	-8.02505	-15.0097	-15.999	-0.82535	9.09551	-7.60346	12.2428	8.65901	1.0774	-16.5631	-2.25310	1.95707
CRKWD	3.94506	5.87457	6.11097	0.337076	-0.63976	8.2704	0.229553	-1.56631	-1.90697	4.35346	-5.29924	-2.13133
CRKWD	35.6544	-56.8332	-62.2231	-3.99663	-41.8472	36.4194	-44.74	-27.3829	-10.5986	46.9801	-19.5576	21.3133
BLNR	-27.8181	-51.0617	-57.2906	-3.57713	43.5367	-34.51	47.4141	19.7627	12.156	-29.862	-26.391	30.0217
COLLNL	-33.0628	-57.2809	-61.7034	-3.11883	46.7214	-33.9242	49.1529	8.0748	7.92256	-9.97391	-18.7907	22.0704
INFL	-9.7273	-14.8319	-15.1157	-0.69228	11.126	-10.8029	-2.9341	-4.40152	4.79752	-21.7668	-15.7287	19.8019
COLLNL	-13.9233	-13.1559	-15.8036	-1.09332	15.6127	-14.0009	8.27755	1.36319	5.13609	-1.82337	-13.4667	16.1309
COLLNL	-16.584	-24.339	-27.4542	-1.74032	31.3568	-18.9499	17.769	6.90848	6.04487	-12.9807	-13.3619	15.1517
COLLNL	-13.811	-16.3439	-18.3735	-1.18272	50.1367	-18.3452	45.8716	25.3396	7.7055	-30.9341	-26.6181	32.4688
STBLR	-24.2907	-50.0593	-55.3764	-3.30963	39.298	-24.4538	37.9853	22.1205	10.4056	-36.2861	-20.7736	23.2467
TFPLR	-41.6137	-58.9855	-65.2974	-3.9584	-47.7747	42.6534	-44.3029	-24.674	-12.9454	39.7165	-26.6056	30.0753
INFL	-3.9322	-6.29776	-7.49487	-0.101654	4.40633	-3.79262	5.63667	3.24192	0.940712	-7.24169	-1.28509	1.33627
LRNFR	-37.8771	-56.7014	-62.1819	-3.67538	43.3549	-37.9197	43.0915	29.6784	11.3193	-42.6094	-22.0445	24.5006

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS SSCP MATRIX

VARIABLE	INTLN	NFLOR	CORLLN	CORLWD	CORTWD	STNKLCL	STBLN	STBWD	ACHNKLN	ACHMWD	NYPAC	CRWWD
DACHLEN	-5.06665	-9.74012	-2.83578	-1.11875	-5.52605	-8.88223	-8.99636	-2.80207	-3.86282	0.225113	-8.42045	-2.65225
INTNGLN	0.27776	7.63608	0.26862	1.27049	0.722223	2.7977	5.4006	2.31786	1.96932	-1.16659	5.50194	2.93066
NBR	0.76532	81.5012	31.7327	10.2006	3.17387	46.3101	77.1212	23.2094	36.2276	-1.94328	77.6227	19.0056
DBW	1.79171	51.1209	0.762832	8.71109	1.1621	16.5776	37.2903	19.6292	12.5884	-1.11605	36.8715	20.2850
OBW	3.01136	79.4661	13.5459	11.7469	5.72527	33.2720	63.8651	33.1237	25.9809	-1.76365	63.7029	25.4284
IMW	4.59078	95.6235	22.0273	13.3495	6.05114	43.0544	80.592	27.6674	34.5677	-2.16574	80.6111	28.3341
RMW	4.15885	66.1825	29.8153	7.89927	2.01091	30.0854	66.9782	16.7517	35.08	-1.60468	66.9184	13.9723
LBP	3.7778	61.4182	26.7005	7.39715	1.56374	26.8053	59.4301	17.4089	29.437	-1.88539	60.8167	13.2182
IFL	8.75278	68.3	29.6175	11.0461	3.66819	36.0274	76.3878	36.3927	36.5691	-2.00891	77.7789	21.3084
IFW	4.37352	76.7607	28.2338	9.77883	3.24182	42.4872	71.5586	21.0064	33.827	-1.81778	71.959	10.2565
VAMCS	0.16885	1.67718	-6.67889	0.397774	0.287105	0.11218	0.06510	0.578279	0.084816	0.063346	0.59834	0.59834
VAMCS	1.90612	31.6121	13.186	3.86584	1.0666	18.569	36.085	8.97739	14.8291	-2.16636	30.7124	7.02913
SIHNL	-2.18434	36.1898	-13.1315	-4.12086	-1.2894	-21.2729	-34.9194	-10.2749	-16.996	0.876531	-35.1811	-6.02503
LMHNL	-2.21141	-25.9578	-16.4911	-7.49234	-2.25164	-49.07	-49.2517	-15.9752	-22.2198	1.28879	-49.4008	-15.0097
NKLN	-3.27504	-60.561	-19.3802	-8.08485	-3.04612	-31.6368	-54.8219	-17.8849	-25.088	1.4204	-35.0325	-15.959
PKGOL	-2.05945	-3.54127	-1.36193	-4.84967	-0.74087	-2.00667	-3.33997	-1.00894	-1.2948	0.0843092	-3.36112	-0.35235
APKAN	2.51656	41.3162	17.6085	5.01679	1.77766	24.5522	40.101	11.7285	19.6017	-0.97011	40.412	6.0391
APKPS	-2.22898	34.0182	-15.8947	-4.11361	-1.15982	-21.7427	-33.2905	-10.9028	-17.4969	0.872819	-35.5902	-7.82636
BSAN	2.13742	42.9073	11.0547	5.59431	2.53363	20.5272	35.9267	16.1779	16.1898	-0.90081	35.9795	12.2428
SEPS	1.09912	26.4432	3.25963	4.07273	2.86861	10.387	20.598	7.75311	8.04666	-3.97918	20.5073	6.85903
SVINS	0.706321	10.2454	5.86719	1.78669	0.202020	6.92323	10.8667	2.96436	3.96374	-2.67175	10.9866	1.91974
NSCOV	-1.63204	-49.0674	-8.29919	-7.22265	-4.08971	-15.109	-32.727	-13.2738	-11.6367	0.960059	-32.4333	-16.5611
PIHSV	-1.54287	-19.7283	-13.5986	-1.85363	-0.17566	-15.2505	-22.5196	-5.94053	-12.3481	0.514908	-22.8627	-2.25318
PTLLN	1.77406	21.5277	16.7764	1.88889	0.347465	17.5773	25.0962	5.92985	-5.73496	25.9198	25.9198	1.95707
INTLN	0.267768	8.08095	1.83354	0.4773	0.107450	2.59863	6.09581	1.943	2.091	0.16019	6.13373	0.820001
NFLOR	0.09459	66.41352	19.0812	12.3269	5.59515	39.1601	72.2970	25.0265	30.7609	-1.95109	72.8841	25.9337
CORLLN	1.93394	19.0514	19.8606	1.10107	-1.15898	19.3333	26.1533	5.08095	15.8099	-5.86861	26.7161	-4.76891
CORLWD	0.2772	12.3659	1.0107	1.92576	1.04584	8.47813	9.25336	3.61538	3.45378	-2.66082	9.19275	1.34104
CORTWD	0.107459	5.59515	-1.15898	1.04584	0.728494	0.899615	3.1205	1.6661	0.617071	-1.028294	3.02998	2.62803
STNKLCL	2.55463	38.1001	19.333	8.47813	0.899615	25.0962	39.7172	11.0338	20.0901	9.60511	40.1111	7.91211
STBLN	4.09581	72.2970	26.1533	9.25336	3.1205	39.7172	67.1122	20.6452	31.6703	-1.70879	67.4824	17.6516
STBWD	1.15629	25.0262	5.08095	3.61538	1.5861	11.0338	20.6452	2.9977	6.65227	-5.61608	20.6286	7.0897
ACHNKLN	2.051	30.7609	15.8099	3.95178	0.617071	30.0981	61.6073	6.62627	16.1675	-7.62851	31.94	5.6255
ACHMWD	-0.10019	-1.95109	-5.86861	-2.66082	-1.08259	-5.95111	-1.70879	-5.61608	-7.62851	0.0493909	-1.7129	-0.35866
NYPAC	4.13373	72.8841	26.7161	9.19275	3.39998	31.94	67.4824	11.94	11.94	-1.7129	67.4704	17.1153
CRWWD	0.820001	25.9337	-4.76891	1.34104	2.62803	7.91211	17.6516	6.95777	5.6555	-0.55866	17.1153	10.2414
CRWWD	-0.53778	-2.39151	-6.76683	0.326656	0.831864	-0.8833	-6.20703	-5.09914	-4.56777	0.102588	-6.44207	1.83982
CRWWD	-4.13021	-88.204	-18.3907	-15.8071	-5.2061	-47.8308	-73.5304	-25.7783	-30.9216	1.97732	-73.8981	-27.1657
ILMAR	8.51097	72.5463	32.3303	6.65091	2.19991	44.0114	71.3079	20.5434	35.2239	-1.76054	71.9072	15.299
ODLAR	2.85718	35.2566	25.0722	3.14488	-3.00653	26.397	41.3379	9.69256	35.0314	-9.92931	48.0133	3.56732
IKVILM	1.88291	-12.3043	28.6612	-0.20363	-4.59724	13.3575	20.7469	6.55359	7.7037	0.012522	11.3235	-16.1321
ORLLAR	1.78033	13.0561	20.333	0.042821	-1.85581	17.9713	22.416	3.27946	14.8194	-4.27747	23.0767	-2.06029
ACLAR	2.114	33.8377	17.3174	3.87722	0.726945	21.177	34.5222	9.50702	17.5462	-8.55772	34.8783	6.36768
CORLAR	5.1539	89.5099	33.6106	17.3413	3.681	83.9331	25.9431	39.8252	-8.12614	84.8369	21.3893	9.3698
STLLAR	3.96551	75.2718	22.7052	1.1045	3.24702	35.267	66.9621	21.6229	30.3053	-1.74948	67.1421	20.1716
TLFLR	-6.27184	-86.8889	-30.6539	-11.2008	-3.86986	-47.7035	-80.1244	-24.8377	-37.2594	0.08752	-60.57	-23.2698
INFLR	0.413599	11.8087	0.392884	1.913	1.10259	3.83715	8.4337	3.48158	2.02666	-2.09282	8.38897	4.42018
LNFRH	4.34463	89.9562	23.122	11.8293	1.92916	41.7752	74.9981	24.7718	32.984	-1.97153	74.7397	24.1471

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS SSP MATRIX

VARIABLE	CHMDW	INMDW	OLMR	OLMR	INVLWR	COLLWR	ACLWR	CORLWR	STLLWR	TFLWR	INFLWR	LRNFWR
RACHLEN	0.551769	1.96845	-8.89228	-4.77094	.0182047	-2.24416	-4.23238	-10.7029	-8.75203	10.2979	-1.23415	-9.87155
INTNDLN	0.375253	1.26021	-5.09963	1.53475	-8.00918	-4.35591	2.20081	6.87628	6.28812	-6.85053	1.27772	7.43877
NBR	-7.91772	-82.7446	82.7312	49.2157	-15.9505	-27.8099	40.2997	96.6074	76.3212	-92.0074	9.18901	84.6905
IRM	3.04891	-35.5045	23.1534	8.92308	-29.5879	-6.31377	14.106	45.3519	41.9902	-45.1658	6.46709	29.2912
OBRR	-0.25145	-82.0522	62.5998	27.768	-19.327	7.49789	20.6708	78.6137	67.6477	-76.9588	11.4201	17.5667
INMDW	-3.02283	-98.2998	81.2216	40.0734	-11.782	15.4774	37.9087	99.1633	83.643	-96.7183	12.5347	95.3516
INFL	-7.93342	-86.8422	70.8269	44.1299	-20.2907	66.7016	34.9734	91.6418	63.369	-77.3384	9.93912	69.7015
INFL	-7.11804	-82.1304	65.2949	40.3313	-17.6232	24.1081	32.0055	75.2685	58.5982	-71.3797	6.59993	84.5568
INFL	-6.81389	-85.8435	85.8411	27.3584	9.57737	25.0788	39.9811	97.9499	78.448	-82.2759	10.1255	87.6900
INFL	-6.77588	-78.0623	76.1996	44.1314	21.1276	36.9376	89.5263	71.2388	-65.4439	8.88838	79.3264	
VANGS	0.394094	-2.01629	0.347127	-0.92329		-9.97294	0.745386	0.98822	1.21364	-1.09378	0.409513	1.58
VANGS	-3.43281	-32.0251	31.0084	20.1	11.7768	16.1628	28.2476	59.2642	-36.3265	4.24	33.0818	
SHLHL	3.94506	36.6544	-37.8181	-23.6	-13.5231	-16.3284	-83.8137	-34.2907	41.6137	-5.3322	-37.8771	
LNDRGL	3.27657	36.8535	-31.0017	-27.58	-13.7558	-28.359	-61.3439	-80.5583	34.8855	-6.22776	-26.4074	
COLLWR	0.17097	62.5397	-57.2986	-31.2904	-3.1757	-15.8436	-67.4382	-68.2735	-55.3768	65.5974	-7.79487	-62.1819
KNOWL	0.337076	3.99663	-3.57713	-2.11083	-6.69284	-1.10932	-21.74032	-8.2672	-3.20963	3.9854	-10.1654	-3.67536
APXAR	-1.63976	-41.8478	42.5387	26.7214	11.136	19.8127	21.5582	50.3367	39.238	-87.7707	4.44633	43.3549
APXPS	4.2701	36.4158	-38.51	-23.9282	-10.8029	-14.8009	-18.9599	-44.3452	-34.4338	42.0294	-3.79562	-37.9197
SSAR	-1.84349	-40.0070	37.6731	19.3529	-2.51161	6.27755	17.769	45.6716	37.9853	-48.1029	5.63567	43.0915
SSPS	0.228655	-27.1829	19.7472	6.0788	-4.4032	1.36319	6.86885	25.1366	22.1205	-24.871	3.91199	25.6786
SVINS	-1.58631	-10.5986	18.128	7.92966	8.79752	5.13603	6.04487	13.7095	10.9056	-12.9042	0.966112	11.3193
NSCV	-1.50697	46.9801	-29.1659	-9.49391	21.7666	1.82317	-18.9807	39.9541	-36.2861	39.7162	-7.23149	-12.8094
PIKSV	-4.35546	19.5578	-26.1931	-10.7907	-15.7287	-13.4067	-13.3619	-20.6141	-20.7736	26.6058	-1.38699	-22.0645
PTLFL	-5.29928	-21.3133	30.0217	22.0704	19.8019	16.1309	15.4157	32.4688	33.2467	-30.0793	1.33627	24.5006
INTLR	-0.53778	-8.12023	4.51097	2.86783	1.88251	1.78033	2.2314	5.1539	3.96601	-0.87108	0.613999	4.54885
INFLWR	-2.39151	-88.777	72.5463	35.2566	-12.3043	13.0561	33.8377	89.5699	75.2718	-86.4949	11.8067	85.9522
CORLWR	-6.97683	-18.7	32.3303	25.9722	28.6512	20.543	17.0174	33.6102	22.7052	-30.4539	0.398884	32.182
COLLWR	0.306656	-12.7	8.45091	3.18482	-5.03893	-0.040261	2.83725	11.3813	10.1045	-1.2913	11.8203	
CORLWR	-0.831868	-5.7	2.18991	-5.00093	-5.99728	-1.09581	0.728649	5.6481	3.91102	-2.86986	1.10295	4.98976
STKLLWR	-6.48833	-14.4	44.0114	28.397	15.8975	17.9713	21.6517	50.0316	38.611	-67.7035	3.833	41.7752
STBLWR	-6.20103	-73.5	71.3079	41.3379	10.1469	22.446	34.5222	63.9331	66.9261	-60.1544	8.4337	74.5021
STBLWR	-5.09418	-25.712	20.2434	9.69256	-4.43259	7.27946	2.52702	25.5431	21.6289	-29.8397	3.48158	24.7718
INFLWR	-1.56777	-30.8116	39.2929	23.0114	13.7037	18.6194	17.5462	39.8562	30.3053	-3.3395	2.92666	2.889
ACHMDW	0.102588	1.99752	-1.76054	-9.42931	.0412522	-4.27757	-8.33752	-2.12614	-1.74490	2.04792	-2.49826	-1.97153
NYVAC	-0.44207	-73.4981	71.9072	42.0133	11.3235	33.0767	81.8743	81.4369	67.1421	-80.57	8.44897	74.7397
CHMDW	1.83922	-27.1657	15.029	3.26725	-16.1381	-3.08055	6.36768	21.1893	20.1714	-21.3968	4.42018	28.1871
CHMDW	2.72386	1.99052	-8.73092	8.47116	12.5900	-7.03594	-4.87089	-0.18077	-0.59772	7.12163	0.589794	-0.08704
INFLWR	1.99052	3.0424	-37.3303	34.8274	15.34	-12.0351	-34.0505	91.6362	76.9416	-88.4716	-12.1188	-88.0846
OLMR	-8.47146	-38.6277	48.2594	25.3523	31.4533	3.8422	24.8999	52.6191	37.7799	-46.7777	2.24294	39.8808
INFLWR	-12.9908	15.134	22.1875	11.9333	66.6695	41.3466	14.3875	14.2955	-2.89227	-10.6318	-6.1931	-3.97194
COLLWR	-7.63544	-12.0351	29.3611	25.8422	33.2346	2.7818	15.8005	29.1376	18.2373	-26.0646	-0.71443	17.6607
ACLWR	-8.87099	-34.0505	38.3548	28.8999	14.3277	7.75	19.072	43.5074	33.1861	-11.0165	3.27153	35.1801
COLLWR	-2.18077	-21.0162	89.6061	52.6191	14.2955	-2.713	6	13.5074	105.054	83.2458	100.19	10.2772
STLLWR	-8.59172	-76.9416	69.5285	37.7799	1.49993	2.243	33.1821	62.3658	57.319	-80.3353	9.42057	76.468
TFLWR	7.12163	-88.4716	-84.8998	-40.7777	-10.6318	-6.091	-81.0165	-108.19	-80.1351	95.7661	-10.2668	-48.1
INFLWR	0.583570	-12.3168	7.60163	2.24294	-6.11931	-4.77493	13.27153	10.2775	9.42057	-10.2668	1.92586	11.1947
LRNFWR	-0.08704	-88.0846	76.4674	39.8808	-3.92194	-7.907	36.1801	92.7401	76.468	-89.453	11.1947	86.5786

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	ACHLEN	INTNDLN	NBR	INRW	DBRW	INRW	PKWL	INFL	INFW	VANGS	VANGS
ACHLEN	147.872	93.6513	8.7491	14.4281	11.1314	14.791	10.7026	5.21677	12.0045	17.061	6.12809
INTNDLN	93.6513	148.152	3.38793	14.8386	1.12079	8.75565	-0.18712	-3.30503	-5.26504	-9.49297	11.2146
NBR	8.7491	3.38793	60.0555	10.5585	17.8466	29.2085	14.2727	6.4429	40.0444	21.9627	19.1437
INRW	14.4281	14.8386	10.5585	108.671	21.652	27.2936	-23.9432	5.89011	13.8116	14.9675	3.9149
DBRW	11.1314	1.12079	17.8466	21.652	14.792	27.1608	26.631	21.8552	29.6577	14.432	-1.60418
PKWL	14.791	8.75565	29.2085	27.2936	27.1608	43.1225	12.9017	13.9558	37.6031	37.98	10.2159
INFL	12.0045	-0.18712	14.7727	-23.9432	26.631	12.9017	84.3603	30.1519	19.7192	20.9522	-1.66256
INFW	17.061	-3.30503	6.4429	5.89011	21.8552	13.9558	30.1519	94.3152	18.3711	8.5985	7.43158
VANGS	17.061	-3.30503	6.4429	5.89011	21.8552	13.9558	30.1519	94.3152	18.3711	8.5985	7.43158
VANGS	6.12809	11.2146	21.9627	3.9149	-1.60418	10.2159	-7.66256	7.83158	6.61757	3.99875	140.884
VANGS	-3.27904	-10.4595	19.1437	-0.89324	-4.00555	6.08342	-3.70244	-6.32174	12.118	2.49521	45.1362
SIMIL	-4.80814	-10.6097	21.417	18.1398	14.0032	13.2551	7.859	17.7029	15.9461	3.95572	-1.81164
ACHLEN	19.0599	-21.6594	10.7494	3.53485	9.36234	3.00262	7.78787	10.9932	4.86662	-4.2952	-12.3818
ACHLEN	12.0584	16.1377	-8.18928	7.88387	-7.04663	-6.17673	-14.6092	-7.6888	-11.6271	-17.8242	0.530312
NBR	28.0101	38.0581	-25.1707	3.48517	-11.8742	-9.35186	-23.1759	-17.7687	-18.093	-13.8732	12.6105
APKX	2.69055	14.4277	0.704731	10.7438	-12.6002	-2.92543	-8.99675	13.6211	-5.25388	5.44194	11.4612
APKX	-2.69677	-2.96693	2.46212	-9.8317	-8.73613	-1.07818	1.54563	9.4516	-2.94099	-5.62524	6.57874
BSF	14.0286	11.8506	8.09845	-4.62706	6.78681	15.6913	3.09156	9.60676	17.7456	17.5304	24.5692
BSF	10.2655	7.30326	21.4227	1.76547	13.1942	22.6701	19.1042	28.0010	23.8163	24.1034	35.233
SVINS	7.91025	6.2725	5.84562	-7.09283	-4.1138	1.82979	-1.74888	-5.79554	-9.62417	7.17934	86.1201
SVINS	-7.16976	3.86497	-1.40271	5.2862	-3.22279	-8.79058	-12.0843	1.67554	-6.1794	-7.99065	19.6548
PIRSV	23.919	36.8227	-8.40259	0.818036	-13.5386	-12.1447	-4.79596	9.84471	-17.2923	-18.5372	-14.0025
PIRLN	20.2334	6.9773	6.99579	5.86256	-14.5669	1.43904	6.34628	-12.1705	10.981	5.75992	-7.29287
INTLN	23.8382	13.9748	9.76943	6.59382	-9.35699	-1.24604	-11.4671	8.76535	-8.30853	-3.05979	-4.09174
INTLN	11.2277	0.356474	24.4432	3.96657	22.6915	36.0372	18.4504	15.9959	31.2281	38.0163	1.44492
CORLLN	10.2312	16.0519	20.537	8.90329	-2.09193	19.7459	-9.08849	-4.81243	27.8966	17.8219	1.21677
STBL	-20.0786	-13.1507	10.9813	20.5657	12.0363	7.95055	19.7037	0.346683	15.09	20.7064	-2.78081
CORLMD	6.59276	-3.29722	4.38231	7.87833	5.97203	4.13146	4.49728	-26.5702	15.9317	9.68617	-25.8712
STNKDLD	13.2759	28.9699	18.6683	18.2964	-7.91254	13.723	-4.84573	-0.1698	16.8361	6.67816	19.07
STBL	6.51255	-13.7452	19.723	7.4293	21.0388	22.4525	16.6894	11.238	38.1918	27.0112	6.12464
STBL	25.4661	20.2083	26.9068	18.297	6.75602	15.9551	0.317195	19.8296	27.1974	1.44767	-0.22943
ACHLEN	19.289	-14.8237	27.3524	4.42316	24.2772	38.1019	7.56122	19.9952	65.0037	61.9716	0.154587
ACHLEN	-1.72299	-23.4893	16.1584	31.7168	26.5705	24.8732	13.1122	-0.01629	35.2746	30.8591	-8.55617
NVPC	-10.4011	-23.2149	4.43133	17.4687	18.6858	7.16525	13.313	12.6809	10.007	8.6375	-1.13068
CORLMD	18.9164	32.6258	14.3077	44.1841	7.6854	25.0757	3.2164	-13.3244	20.8277	30.445	10.5994
IBLR	-9.2929	2.33858	3.60672	10.6372	-12.0804	-0.01889	-3.4008	-8.70677	-13.9914	-3.50092	15.4423
NNHOFH	54.5654	28.1139	-13.0301	-11.4086	-15.2636	-16.6393	10.2854	-4.32774	17.7948	10.6372	-1.06718
IBLR	-2.66231	-6.81366	26.016	-49.8813	16.4555	15.1081	11.2897	16.587	35.3177	15.6353	0.44527
IBLR	7.42661	-10.6942	7.33447	-32.5418	-32.8681	-2.01072	8.15167	10.8181	11.2628	6.13409	6.30652
IBLR	-17.7877	-16.6087	19.266	-29.0583	-6.24781	-18.407	2.85122	5.16727	14.5516	-21.53	2.57075
IBLR	21.5894	25.1507	14.8785	-1.94802	-9.45287	16.4062	-14.6187	9.65079	19.4646	5.79989	5.18505
IBLR	21.461	-3.58029	21.379	-18.4457	1.6566	28.0818	22.7188	22.3474	51.6342	51.0971	3.78891
CORLMD	2.54207	-6.59204	23.7943	-3.36282	22.4518	18.7899	7.73091	19.9303	34.8659	15.8261	0.382285
STBL	1.22301	-22.0655	15.9786	-3.1776	27.9681	19.4603	16.2908	22.1954	35.9834	25.8182	-8.67208
IBLR	15.6459	-4.78363	-7.82509	-9.71685	-7.18936	-3.39362	8.80959	-2.46177	-0.23063	5.18822	0.649556
IBLR	-11.374	3.27984	17.091	-3.89921	14.5285	-5.89057	-5.54916	16.058	19.7308	-60.2197	5.90753
IBLR	-7.6283	2.1385	19.9932	15.8796	23.7071	27.1202	27.232	7.80963	29.1108	17.3611	8.0409

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSC; MATRIK

VARIABLE	SHML	LMHRL	MXLNL	MXDLN	APKAN	APKPS	BSAN	BSPS	SVINS	NBCOV	PINSV	PTLLN
RA MLEN	-4.80414	-19.0599	12.0586	28.0101	5.68845	-2.62677	14.0286	10.2655	7.91025	-7.16976	23.919	20.2234
IR JLN	-10.6647	-21.894	16.1377	38.0593	14.4277	-2.66693	11.8506	7.30326	6.2755	3.8649	36.8227	6.9173
NDR	21.7177	10.7629	-9.78229	-20.7707	0.704731	2.46612	8.09895	21.4227	2.80562	1.48271	-6.40599	6.49979
IBHW	16.3398	3.53885	7.84337	3.44437	10.7438	-6.03171	-4.52705	1.76547	-7.09243	5.2462	0.618026	5.88256
OW BW	16.0032	9.56234	-7.66561	-11.6792	-12.6002	-0.73613	6.78841	13.1542	-4.1138	-2.22279	-13.5346	14.5669
IKMKN	13.2551	3.0028	-6.17673	-9.55186	-2.32543	-1.07648	15.6913	22.6701	-1.89279	-2.79558	-12.1447	11.3904
PHCL	1.859	7.7807	-14.8092	-23.1799	-8.99675	1.94563	3.05338	19.1042	-1.74488	-12.0843	-4.75996	6.34628
LP >	17.7029	10.9932	-7.6448	-17.7087	-13.6411	9.4574	9.62876	29.0018	-5.78394	1.67534	-9.44471	-12.1705
INFL	15.9461	4.85662	-11.6971	-18.093	-9.25158	-2.84099	17.7626	23.8163	-9.82917	-6.1794	-17.3923	10.981
IN V	3.33572	-4.2556	-17.4842	-13.8172	5.44494	-6.62824	17.5304	24.1094	7.17934	-7.52665	-16.5372	2.75992
VAHUS	1.61184	-12.3818	0.500112	12.6309	11.4612	6.73874	24.5692	35.811	46.1261	19.4951	10.0025	-7.28957
VAI C1	-5.5106	-25.1397	0.49668	23.8708	8.43232	-4.8951	39.36	46.9471	27.2394	30.0315	-17.3765	-26.3888
SHLN	130.391	91.5321	22.567	-70.295	-32.0969	-27.6958	29.2784	34.6776	-30.1125	6.39264	-11.5774	14.3664
LMHDL	97.5127	112.101	32.8293	-76.6201	-33.5799	-10.7733	-62.9613	-7.37373	-24.3149	11.9546	-10.0179	19.7784
MXLNL	23.667	32.8283	103.794	69.2158	-29.5319	-15.4186	-7.09595	13.9666	-17.4638	42.6006	23.3726	44.4879
MXDLN	-70.295	-76.6201	69.2158	148.531	18.6263	25.1721	64.9332	17.8134	10.8686	27.2991	32.2928	29.0287
APKAN	-32.0969	-43.5799	-29.5319	18.6263	124.633	-46.7655	12.4159	9.76519	20.5218	-7.09909	21.1584	-19.4265
APKPS	-27.6958	-10.7733	15.4186	25.1721	-46.1835	129.961	7.60275	-2.92004	8.7996	5.85757	-8.0152	13.4999
BSAN	-29.2784	-62.9613	-7.09595	64.9332	12.4159	7.60275	127.538	12.5038	29.2411	16.4016	1.60741	-14.0721
BSPS	34.6775	-7.37373	13.9666	17.4638	-9.76519	-2.92004	72.5238	180.562	7.1404	27.8363	-5.43143	-16.6866
SVINS	-30.4125	-29.5149	-17.4638	10.8686	20.5218	8.7996	29.2411	16.4016	147.083	35.3723	-15.9034	-23.6624
NBCOV	6.39264	11.9546	-10.0179	-7.09595	5.85757	-8.0152	16.4016	27.8363	35.3723	121.371	-17.727	20.0338
PINSV	-11.9774	-10.0179	23.3726	23.2928	21.1584	-8.0152	1.80741	-5.43143	-15.9034	-17.727	139.035	5.90598
PTLLN	14.3668	19.7784	44.4879	29.0287	-19.4755	13.8959	-14.8721	-16.6866	-23.8624	20.0338	7.50598	139.035
IKTLN	-14.6495	-3.22957	32.2557	17.8982	-1.04652	14.4742	8.83133	44.1485	1.76688	10.037	13.7767	-14.2174
NFLOR	10.5517	6.19153	-3.2576	-10.692	-14.1594	4.25088	18.9259	30.1174	1.56761	-1.51161	14.9955	2.26773
COLLNL	-18.0031	-19.6343	-5.9665	16.0566	12.6285	-5.94178	15.7732	14.8566	-5.91674	9.54429	8.84657	1.84657
COLLWD	-11.3785	-15.1879	-11.4607	4.65721	16.3727	-6.73598	19.4314	16.1036	-10.3207	4.19943	-6.16548	-5.23399
CORTWD	6.4083	8.9082	2.8038	13.0701	6.40796	13.0959	14.2783	-18.0187	-25.5115	0.327146	21.1682	0.327146
STKXBL	-3.68009	-5.61149	5.74476	8.93057	-2.6977	10.4826	-5.35064	-18.9234	8.04465	2.76741	14.8061	-14.60303
STBLN	4.11831	-1.22942	-10.2564	-13.301	6.18418	-2.6832	2.86284	5.77919	5.86867	-8.16951	-5.78884	7.14498
STBDL	6.19823	-5.64711	-6.24565	-2.95984	23.8883	-5.9752	7.8214	16.0112	-9.26237	-16.841	14.6468	10.5023
APKMLN	17.1528	5.88883	-17.9058	-23.1905	-9.03993	1.11816	18.6057	30.9927	-8.36516	-10.9822	-37.0087	12.3815
APKPSD	24.3909	10.6083	-3.14783	-12.3724	3.07975	-23.1823	11.8569	12.5668	-10.1111	9.1117	-21.9657	10.6571
NVPAK	-2.2669	1.76267	-10.4487	-6.38657	8.62164	-19.3505	-5.77662	-14.7575	-9.59846	-12.702	1.47874	-4.94569
CRKPSD	-1.07253	-18.8663	-3.83709	13.7317	27.0678	-8.47847	18.2544	2.34942	5.90936	1.19462	14.7675	2.92281
CRKWD	1.19031	-6.12007	13.879	16.8193	9.16608	3.34659	9.60499	17.0014	1.70559	12.0542	20.5937	-13.7974
NWOFID	-48.221	-17.0527	14.7617	19.9623	-6.89268	0.480593	-1.06815	-6.6115	4.16895	6.71699	9.69806	8.81349
IBLHR	6.4451	5.14737	-10.7596	-16.6824	-10.1303	4.05682	18.7272	19.1691	1.65153	-3.79728	17.3207	6.16971
OBLHR	-2.406	2.3899	-3.26179	-7.23144	-26.1039	19.6695	6.31737	19.1044	-6.05951	-6.61519	-17.70051	-6.24952
INVLHR	6.66051	5.08787	-13.3258	-6.19661	-7.7617	9.39238	3.81876	-4.06663	-7.32912	9.13917	-1.85988	16.2859
COLLWR	-10.8504	-10.2064	4.11755	12.7235	1.52807	-1.5772	18.4318	2.79355	22.5917	4.3778	11.1645	11.2054
ACLWR	6.23051	1.7934	18.8086	-20.8665	-11.9434	14.3495	12.4234	27.033	-3.76507	-18.5227	-28.8085	1.15193
COLLWR	8.16826	6.23104	-8.28456	-15.6831	-6.1567	0.006419	7.32659	14.3563	-1.27197	-3.38986	-6.35175	6.11246
STLLWR	12.7658	2.92732	-17.1023	-19.7211	4.30707	-6.7414	19.4877	20.2465	-6.53858	-14.3835	-16.8943	13.2784
IFLWR	-6.62857	-5.63387	-8.30296	0.22212	3.03799	4.10688	-1.88545	-7.71447	1.91584	-6.6517	-7.85833	-5.16523
INFLWR	20.2711	19.3087	16.1338	-0.49668	-17.8131	7.65275	-7.95922	-11.3068	-11.816	7.6205	8.86205	14.3754
LNFRHP	0.016444	-2.63773	-11.8837	-7.44509	2.09572	0.166903	16.2309	16.2162	0.137511	-6.75204	-2.67829	-7.20660

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	INTLN	WFLOR	CORLNL	CORLWD	CORTWD	STKLOL	STBLN	STBMD	ACHNLN	ACHMD	NVPAC	CROOUD
RACHLEN	23.8382	11.2277	10.2312	-20.0726	4.29276	13.2759	4.31255	25.4651	19.289	-1.77299	-10.4011	18.5164
INTROLD	13.9744	0.356474	16.0512	-13.1507	-3.25722	20.9698	-13.7052	20.2043	-34.8237	-2.4893	-232140	32.6258
NBR	-9.76943	24.4329	20.537	10.9413	4.38231	18.8683	19.723	26.9068	27.5524	16.1584	4.43133	18.3077
IBW	6.59322	3.96057	8.50329	20.5657	7.87833	18.2994	7.4393	18.297	4.42316	31.7188	17.4687	44.1841
QBRK	-8.33699	25.6915	-2.09193	12.0363	5.77003	-79.1524	21.0388	6.75602	24.5772	28.5705	18.6859	7.6854
INNOH	-1.24664	36.0372	19.7459	7.45055	4.13746	13.723	22.4525	15.9531	33.1019	28.8482	7.16535	25.0757
PKOL	-11.4671	18.4584	-9.06494	19.7037	4.49720	-8.40573	12.6894	7.56332	26.2913	13.1322	13.3338	3.21764
LBRP	8.76535	15.5959	-8.81243	0.346643	-24.5702	-6.1696	11.238	0.317495	19.9952	-0.016729	12.6809	-13.3244
INFL	-8.30853	31.2281	27.8966	15.09	15.9317	16.8461	38.1918	19.8296	65.0037	35.9746	10.007	20.8277
INFLV	-3.05979	38.0163	17.3519	20.7084	9.63617	4.67818	27.0133	27.1974	6.9716	30.8591	8.837	30.445
VANGS	-0.99174	1.44492	1.21617	-9.94894	-25.8712	19.07	6.33464	-1.44767	0.155587	-6.65877	-1.13806	0.9994
VANGS	-12.3706	5.91632	1.21951	1.58236	-9.78937	-3.8303	16.908	-9.22943	1.7872	16.5174	-10.1618	-17.5855
SHHL	-14.64025	10.5917	-12.0081	-15.3782	-6.82983	-2.88009	-4.21831	6.19823	17.1528	24.8609	-2.2669	-1.2253
LMDRL	-3.29851	6.19453	19.6343	-15.1879	-9.98082	-5.61149	-1.22942	-6.64711	5.88283	10.6083	-1.76267	-16.8263
KLHL	28.2521	-1.34076	-2.9605	-11.4607	9.8858	5.704	-10.2954	-6.24565	-17.9078	-1.14783	-10.1487	-3.81705
MDL	41.8982	-10.892	16.0666	4.65721	13.0701	6.93057	-13.501	-5.95944	-23.1505	-12.3724	-6.38657	13.7317
APKAN	-1.0462	-14.1584	12.6285	16.3727	6.40796	-2.8977	6.18418	23.8863	-5.93493	1.07975	6.62164	27.0878
APKPS	10.47482	8.93088	5.48178	-8.73598	-10.8899	-10.4826	-2.68332	-2.45725	-1.41816	-19.3505	-8.7847	19.3505
BSAN	6.82313	18.5298	17.7359	19.8318	13.0962	-5.35064	9.56284	7.58214	18.6097	-11.8569	-5.77665	18.2544
WJRS	1.44185	30.174	19.7552	16.916	14.2783	-18.9234	-5.71914	56.0715	30.9927	12.5866	-14.7979	2.34942
NBS-TV	-4.608	1.56761	14.8565	-10.3207	-18.0187	8.04465	5.08587	-9.52257	-10.1111	-8.59686	5.99936	19.3505
PTV	-1.057	-1.51161	9.84829	8.19933	-5.05115	2.76741	-8.14951	-16.8431	-10.9622	9.11748	-12.702	1.95852
PIKA	1.7787	-14.9955	9.54829	-6.15548	0.327748	14.8061	-5.78638	18.6098	-37.6087	-1.9697	1.47874	19.3505
NBLN	4.8174	-2.56773	8.84627	-4.83399	21.1602	-4.60303	7.14496	10.5023	12.3815	18.6571	-4.49569	2.92521
WFLN	-10.738	-5.77972	8.8894	-16.6541	-10.3369	-11.6257	-6.55788	-4.27011	4.8592	-17.8978	-8.27622	8.79873
WFLR	-7.972	82.3648	5.18025	-2.48558	-0.78297	-1.06464	8.6662	6.62649	20.1929	1.67749	-2.24527	-0.58835
CORLWD	8.82494	5.38029	129.139	52.4878	54.3951	31.5784	16.8907	25.5633	22.1185	26.6027	2.7893	39.337
CORTWD	-16.6541	2.48558	52.4878	147.074	73.517	11.38	-7.06278	59.4415	16.0911	49.4687	29.1201	56.8707
CORTWD	-10.3369	-0.78297	54.3951	73.517	148.272	12.5696	24.7815	49.344	23.0985	50.2334	19.9466	43.0326
STKLOL	-11.6257	-7.06466	31.5784	11.38	12.5696	123.958	18.1008	20.5674	1.83074	14.569	9.29678	39.5163
STBLN	-0.55788	8.66622	16.8907	-7.06472	14.7815	18.1008	21.8878	13.6337	48.2062	32.6722	14.1887	31.3868
STBMD	-6.27011	6.62649	25.5633	15.4115	49.3344	20.5674	13.6337	74.174	78.1912	22.3135	19.8734	49.1566
ACHNLN	1.45692	10.1998	22.1185	16.0981	23.0985	1.83074	48.2062	32.6722	13.1912	32.6722	2.53336	21.0015
ACHMD	-17.8978	1.67749	16.8907	48.2062	50.2334	14.569	32.6722	22.3135	64.4004	148.955	17.097	48.8165
NVPAC	-4.47622	-1.26497	2.7893	29.1201	10.9466	9.29678	14.1887	19.8734	2.53336	11.0597	81.1256	29.8488
CROOUD	8.79873	-4.93839	39.337	59.4707	51.0326	29.5163	48.2062	69.1566	18.0015	18.8165	19.8464	18.759
CROOUD	22.7783	-13.3461	25.2765	52.2386	32.8526	22.4987	-9.96425	35.0116	-21.2135	24.2518	12.4713	62.3496
INNOHFD	-17.4671	-12.2237	-3.52634	-13.5362	0.19689	-3.70959	-2.72324	1.0817	-11.1371	-4.27332	-12.1548	-6.3813
IBLNR	-13.2865	23.1577	19.0137	-1.09337	1.01814	0.049655	21.2037	2.68129	14.1908	3.40314	-1.07709	-10.5113
OLBLR	0.466974	13.8301	5.56166	-3.10361	3.32801	-5.74	11.2771	-5.03281	14.4568	-19.3288	-8.89201	-15.8982
IBLNR	-8.28028	-19.9844	11.6613	1.93862	3.7722	6.26753	1.65837	-5.19211	2.01612	-4.15093	-1.32069	-17.0912
CLLRLR	18.7353	6.06981	101.735	-34.1429	12.2118	25.0936	5.26685	10.9178	-2.33725	-15.2135	-5.47613	18.7353
ACLRLR	11.1133	31.6879	19.7474	-7.7386	-1.99305	-6.71871	35.643	10.4552	11.7794	-8.86479	-4.45056	-17.1119
CLLRLR	-3.46813	22.7977	12.0946	-6.43699	2.35227	6.92927	22.3417	-2.74666	29.8049	6.43394	0.90342	-51.3589
STLLRL	-8.17715	29.7885	-5.07843	11.0935	14.6716	-61.251	23.399	12.5961	44.8849	17.1689	6.24242	-2.863
STLLRL	9.80017	1.82758	-6.13994	0.44117	12.4829	-2.5108	6.46053	17.7564	35.3884	19.166	7.88788	-2.863
INFLRL	-1.9301	-17.4031	13.6769	-13.7318	21.1538	10.5732	-17.8448	-5.36647	-0.97338	1.0207	-22.781	1.9301
INFLRL	-9.13193	18.8822	20.7364	15.8556	10.0941	9.05443	16.3095	13.7316	25.633	14.0901	18.287	25.1401

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	GRNWD	NRNDFIC	IBLMR	OBILMR	INVLNR	CRLLNR	ACLMR	CORLNR	STLLNR	TFLPLR	INFLMR	LRNFRH
RACHLN	-8.2928	54.5654	-2.66231	-7.42651	-17.1877	21.5894	21.461	2.54207	1.22301	15.5455	-11.374	-9.76283
IRTHLN	9.33858	28.1139	-6.81366	-10.6542	-16.6087	25.1907	-5.98008	-6.59204	-22.0655	-4.78363	3.27844	2.1385
NBR	-3.68672	-13.0301	26.016	7.33447	19.284	41.8785	21.379	21.7443	15.9746	-7.82509	17.091	19.2972
IDRW	10.6372	-11.0086	-49.8813	-32.5414	-29.0563	-1.548002	-18.4487	-3.36282	-3.176	-9.76805	-3.49921	15.4546
ORHN	-12.8804	-15.5636	16.0555	-32.8681	-6.24701	-9.45287	11.626	22.0518	27.9581	-7.19336	14.5285	23.7071
IMHON	-0.01989	-16.6553	15.1081	-2.01022	-18.407	16.4060	28.0818	18.7899	19.4605	-1.39346	-5.89067	27.1202
PKKL	-3.4908	-10.1857	11.2884	4.15767	2.85122	-14.6181	22.7749	7.73091	16.2408	8.05094	-5.54916	27.232
LBPR	-8.00677	-4.18774	16.547	10.8181	5.16727	-5.62079	22.3474	19.5309	22.7954	-2.46171	18.058	7.80963
INFL	-13.9919	-17.7658	35.3747	11.2628	18.5914	19.3466	51.4342	6.86529	35.9434	-0.23063	19.1308	29.1108
INFW	-3.56092	-10.072	15.6303	6.13499	-21.53	7.59889	51.9991	15.8281	25.8182	8.51822	-60.8197	17.3611
VANES	15.4423	-1.08718	0.44587	8.34093	2.50759	5.16505	1.78893	0.382885	-8.67208	0.640566	5.90753	8.4909
YANCB	-5.3982	-8.63515	13.0927	5.22536	17.1351	0.266861	-9.03095	8.24901	3.65108	-5.64406	10.5312	9.43097
SHHL	1.19031	-8.82321	6.4451	-2.406	6.86051	-10.8506	6.23053	0.18826	12.7346	-6.62857	20.2111	0.616444
LKIDRL	-6.12607	-7.09487	2.16727	2.3099	4.08787	-10.2043	7.7834	6.23104	2.59732	-6.63357	19.1083	-2.61771
NKRL	13.879	14.7617	-10.956	-3.26179	-14.3258	4.11755	-18.8886	-8.28456	-17.1023	-8.50296	16.1338	-11.8837
PKWDL	16.8193	19.9423	-16.6824	-2.25364	-6.19661	12.7235	-20.8666	-15.6831	-19.7211	0.222122	-4.44962	-7.44509
APKAR	9.38608	-6.89268	-10.1303	-86.1039	-7.7617	1.32627	-11.4454	-6.1587	4.30707	3.03799	-17.6131	2.09272
APKPS	-3.36695	0.480593	4.05882	19.6995	9.39238	11.5372	14.2455	0.064119	-8.17437	4.10688	0.85275	0.766903
BRAN	9.60859	-1.68815	18.7272	3.11737	2.81616	18.6332	12.4234	8.73269	19.4977	-1.08545	-11.6922	16.3389
SPSP	17.0082	-6.61715	19.1691	19.1044	-44.6683	4.79385	27.033	14.3563	26.2465	-7.71747	-11.3066	16.2162
SVINS	-5.72059	4.76895	6.5153	-6.05951	-13.2912	22.5917	-3.76507	-1.27197	-8.53228	1.91524	-11.816	0.337371
NSEDY	12.0542	6.71689	-3.79728	-6.61519	6.13917	4.1778	-18.5267	-3.38088	-16.3434	-6.6517	7.5205	-6.78904
PINSV	20.5931	9.89806	-7.3207	-7.70061	-1.29988	11.1645	-29.2085	-6.35175	-16.4943	-7.85833	8.28205	3.65828
FTLLR	-13.7574	8.81349	6.18971	-8.29952	16.2859	11.2056	-1.15193	6.18484	12.2754	-2.16523	14.375	-7.28666
ITLLR	22.7763	17.4671	-13.2865	0.466974	-8.88204	18.7353	11.1333	-3.0813	-8.1719	9.80017	-1.9201	-9.1193
NFLOR	13.3461	-12.2237	32.1577	13.6301	-15.9844	8.08581	31.6879	23.7997	29.7885	-1.62754	-17.2031	18.8622
CORLNR	25.2765	-1.55634	19.0137	5.56166	11.6613	101.735	2.0946	5.07841	-6.33994	12.0769	20.7349	29.7349
CORLMD	52.5386	-13.5382	1.09337	-3.10351	-1.93842	-34.1429	-7.7386	-6.43695	11.0935	4.4412	-13.7318	15.8556
CORTMD	32.8546	0.19499	1.91815	3.32401	3.7722	12.2718	-1.99305	2.53227	14.6716	12.4249	2.11534	10.0941
STKRL	22.4967	-7.70958	0.84365	-5.74	3.56751	15.0355	-6.1871	6.92387	-6.251	-9.5101	20.8014	9.0543
STBLD	-4.96425	-9.17279	21.3037	11.2771	-6.65857	16.3394	35.443	25.5417	23.589	6.48053	12.5782	16.3095
STMD	35.0716	1.0817	2.4619	-5.03521	-9.1921	5.26666	10.382	7.6666	15.951	4.78564	-17.768	13.7316
ACOMLR	-21.2135	-11.1571	34.1908	14.4568	2.01612	10.9778	11.7394	29.2445	44.5049	36.3894	-5.30607	25.633
ACOMMD	24.2518	-8.27332	3.40314	19.5288	-4.15093	-2.33725	-8.86479	6.43394	17.1649	19.636	-0.97136	14.0901
INPAC	12.8713	-12.1462	-1.69709	-4.89901	-13.2603	-15.2135	-4.5056	0.903742	6.51115	-7.84748	1.0207	18.267
GRNWD	62.3496	-1.81133	-10.3113	-15.8982	-17.9932	5.47613	-1.31459	-2.853	1.14649	-22.781	25.1401	19.2519
GRNMD	146.276	13.7082	-19.9509	-1.27418	-21.708	-5.38431	-35.8853	-27.8433	-27.3744	2.79372	-14.746	-10.8519
PRNDFMD	13.1042	37.4576	-13.1504	4.20108	1.06671	8.06439	-10.2288	-14.561	-13.7721	17.858	-9.32704	-42.1669
IBLMR	-19.9509	-13.1504	28.7047	36.7789	16.3215	39.3328	32.1251	34.3244	39.2327	28.8002	-17.7078	1.19478
OBILMR	-1.57418	2.40106	28.7047	13.8777	27.8614	5.86068	25.5187	11.8271	17.8882	5.2295	-10.0292	-4.46946
INVLNR	-21.705	1.06671	36.7789	27.8614	84.3305	11.1166	13.1465	-8.24025	13.3345	-8.24025	64.6176	-1.5947
CRLLNR	-5.38431	4.06439	18.3215	6.58608	11.1166	127.118	12.0596	16.1822	-1.4652	-8.31504	29.2298	10.4346
ACLMR	-36.8853	-10.2088	35.3388	25.1187	4.74216	12.0396	129.924	24.1074	40.8442	30.0208	-7.27172	21.6713
CORLNR	-27.8433	-14.3661	35.1512	14.6271	20.196	16.1822	29.1074	43.9559	32.2998	10.0016	28.6068	15.9686
STLLNR	-27.3744	13.7781	34.3248	17.2882	13.2945	-7.8652	40.8442	32.2998	61.081	3.01575	6.47461	16.8048
TFLPLR	2.79372	17.858	-9.32704	-5.2693	-8.24024	-8.31504	30.0208	10.0016	51.2339	16.4566	-7.39696	15.0532
INFLMR	-14.746	-9.32704	28.8002	10.0292	64.6176	22.2298	-7.27172	28.6068	6.47461	-16.4566	147.074	15.0532
LRNFRH	-10.8519	-42.1669	17.7078	-4.46946	-1.5947	10.4346	21.6712	15.9686	18.8046	-7.39696	15.0532	62.3496

CANONICAL DISCRIMINANT ANALYSIS

UNIVARIATE STATISTICS

VARIABLE	MEAN	TOTAL STD	WITHIN STD	BETWEEN STD	R-SQUARED	RSQ/(1-RSQ)	F	PROB > F
RACHLEN	1.21082E-14	1.00000000	1.002960	0.10622629	0.007573	0.008	0.551	0.5719
INTROLN	1.11140E-14	1.00000000	1.00391114	0.09207479	0.005693	0.006	0.427	0.6574
NIR	1.19046E-14	1.00000000	0.63931379	0.94294467	0.596761	1.480	108.765	0.0001
IBRW	7.96215E-15	1.00000000	0.69579063	0.63505177	0.270667	0.371	27.577	0.0001
ORRW	4.57930E-15	1.00000000	0.71399478	0.66569725	0.497181	0.989	72.676	0.0001
INRW	1.08726E-14	1.00000000	0.58161856	1.02896770	0.710587	2.435	180.452	0.0001
PRWL	7.35216E-15	1.00000000	0.75754858	0.80398795	0.433823	0.766	56.318	0.0001
LBRP	1.32028E-14	1.00000000	0.69099940	0.73949167	0.367012	0.580	42.614	0.0001
IBFL	6.81575E-15	1.00000000	0.62844479	0.57120517	0.615056	1.598	117.437	0.0001
INFW	1.34455E-14	1.00000000	0.70318979	0.87356765	0.512161	1.050	77.165	0.0001
VANGS	4.76477E-17	1.00000000	1.05638993	0.03400354	0.000776	0.001	0.057	0.9448
VANGB	1.41953E-16	1.00000000	0.95862991	0.37448537	0.041120	0.104	7.677	0.0007
SHIHL	6.89283E-14	1.00000000	0.96253563	0.42905837	0.123951	0.141	10.361	0.0001
IKHGL	2.18560E-14	1.00000000	0.67326437	0.60744689	0.297645	0.329	25.191	0.0001
KXKLL	1.45617E-14	1.00000000	0.60628710	0.67235322	0.301399	0.436	32.614	0.0001
KKGLL	6.10549E-15	1.00000000	1.00621674	0.04051628	0.001118	0.001	0.082	0.9211
APKAL	9.74128E-16	1.00000000	0.92073344	0.48563190	0.163338	0.196	14.170	0.0001
APKPS	1.23565E-14	1.00000000	0.94026027	0.43633546	0.127778	0.146	10.767	0.0001
BSAN	4.88498E-17	1.00000000	0.93145463	0.46326735	0.140038	0.168	12.468	0.0001
BSFS	1.40137E-14	1.00000000	0.97783660	0.29097182	0.056628	0.060	4.512	0.0138
SVINS	2.73272E-15	1.00000000	1.00028180	0.13846078	0.012867	0.013	0.958	0.3860
HSECV	3.01981E-16	1.00000000	0.91062317	0.32214079	0.182974	0.228	16.460	0.0001
PINSV	2.00025E-15	1.00000000	0.97524077	0.31562910	0.066660	0.072	5.266	0.0062
PTLLN	6.84638E-15	1.00000000	0.95932905	0.37035555	0.092041	0.101	7.451	0.0008
INTLN	5.38139E-15	1.00000000	1.00589048	0.05116328	0.001757	0.002	0.129	0.8788
NFLOR	2.47042E-15	1.00000000	0.65238976	0.92970517	0.380102	1.382	101.942	0.0001
CORLLN	1.09716E-14	1.00000000	0.93728306	0.44565197	0.132292	0.154	11.304	0.0001
CORLMD	2.81038E-14	1.00000000	1.00025918	0.13571776	0.012925	0.013	0.925	0.3844
CORLTH	2.54648E-14	1.00000000	1.00431554	0.08525184	0.004885	0.005	0.361	0.6975
STNGLN	1.59567E-14	1.00000000	0.91856631	0.50426669	0.168069	0.190	14.408	0.0001
STBLN	5.16476E-15	1.00000000	0.67345427	0.41922207	0.450418	0.820	60.238	0.0001
STBMD	2.21875E-14	1.00000000	0.98194668	0.26943951	0.048723	0.051	3.765	0.0854
ACHLLN	1.72495E-14	1.00000000	0.95662958	0.01813902	0.106772	0.122	8.276	0.0002
ACHMDN	1.88569E-14	1.00000000	0.96062793	0.02119680	0.000302	0.003	0.222	0.9781
NRVAC	2.44671E-14	1.00000000	0.74882656	0.82355938	0.053533	0.057	4.147	0.0001
CRVMD	3.56662E-14	1.00000000	0.97153382	0.32002148	0.065734	0.074	5.425	0.0053
CRVMDN	3.93166E-14	1.00000000	0.99753484	0.16504135	0.018281	0.019	1.469	0.2577
IBWOFMD	7.02697E-15	1.00000000	0.62519460	0.95677722	0.414178	1.503	117.101	0.0001
IBLWR	1.12236E-14	1.00000000	0.69546917	0.48260652	0.322915	1.096	80.328	0.0001
OBLLR	8.04394E-15	1.00000000	0.87660719	0.59601394	0.238411	0.313	23.009	0.0001
IBVLLR	1.44181E-14	1.00000000	0.78741454	0.40417357	0.430029	0.767	56.364	0.0001
CRLLWR	2.00679E-14	1.00000000	0.92991904	0.46778024	0.146858	0.172	12.652	0.0001
ACLLR	1.95544E-14	1.00000000	0.94018777	0.43671906	0.128000	0.147	10.769	0.0001
CRLLWR	7.95339E-15	1.00000000	0.58676500	1.02495883	0.705061	2.391	175.704	0.0001
STLLWR	1.03384E-14	1.00000000	0.74267887	0.48413003	0.359832	0.838	61.469	0.0001
IFLWR	7.73092E-15	1.00000000	0.60717701	0.67603111	0.445725	1.799	132.294	0.0001
STLLWR	2.57439E-14	1.00000000	0.90252513	0.13877547	0.012925	0.013	0.962	0.3844
LNFRH	6.98700E-15	1.00000000	0.63164040	0.93047635	0.361065	1.387	101.945	0.0001

AVERAGE R-SQUARE =

UNWEIGHTED =

WEIGHTED BY VARIANCE =

0.2534857

0.2534857

CANONICAL DISCRIMINANT ANALYSIS

CLASS MEANS

SPECIES	RACHLEN	INTNDLN	NBR	IBRW	OBFW	INMOW	PMKL	LBRP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.05768	0.04173	0.50182	0.27888	0.44721	0.55208	0.01612	0.38491	0.51657	0.46864	0.00817	0.19677
TRANSVAA	0.12871	-0.03418	-1.35610	-0.18891	-0.71539	-1.06070	-1.22835	-1.11937	-1.29482	-1.21954	0.01756	-0.25662
UNIFLORA	0.13305	-0.18761	-0.78995	-1.11744	-1.47103	-1.53979	-0.49348	-0.48266	-0.97076	-0.81061	-0.07455	-0.27104

SPECIES	SHINL	LNDRL	KXLNL	KXMDL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
DISCOLOR	-0.22532	-0.32986	-0.36472	-0.02170	0.25814	-0.22489	0.05054	0.14639	0.06883	-0.24070	-0.13577	0.15177
TRANSVAA	0.63816	0.74523	0.05100	0.05813	-0.74052	0.66956	-0.57712	-0.20388	-0.22203	0.21798	0.33468	-0.63034
UNIFLORA	0.30871	0.74659	0.76794	0.03500	-0.33965	0.27363	-0.64316	-0.52989	-0.04729	1.05164	-0.04729	0.10361

SPECIES	INTLN	NFLOR	CORLLN	CORLMD	CORTWD	STXKLLOL	STBLN	STBWD	ACHXLN	ACHXMD	NVPAC	CRXKGD
DISCOLOR	0.02603	0.49695	0.14757	0.06693	0.02638	0.25101	0.44033	0.14282	0.19870	-0.01150	0.44167	
TRANSVAA	-0.07958	-0.92980	-0.75118	-0.01608	0.02358	-0.79414	-1.13333	-0.25374	-0.64956	0.02310	-1.15468	
UNIFLORA	-0.02600	-1.42088	0.31589	-0.00849	-0.18869	-0.21493	-0.78116	-0.43048	-0.14382	0.02741	-0.15734	

SPECIES	CRXMD	NNDFID	IDLNR	OBLLNR	INVLNR	CRLLNR	ACLNR	CORLNR	STLLNR	TFLPLR	INFLNR	
DISCOLOR	-0.02935	-0.50815	0.45657	0.24671	0.00518	0.11777	-0.21765	0.54845	0.44749	-0.52734	0.06252	
TRANSVAA	0.25011	0.91325	-1.34958	-1.01382	-0.96231	-0.75623	-0.69708	-1.44626	-1.02212	1.33494	-0.08978	-1.24993
UNIFLORA	-0.22039	1.51530	-0.53861	0.15161	1.46700	0.49990	-0.17316	-0.91907	-0.99556	0.97030	-0.28381	

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	RACHLEN	INTNDLN	NBR	IBRW	OBFW	INMOW	PMKL	LBRP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.0577	0.0417	0.5018	0.2789	0.4472	0.5521	0.0161	0.3849	0.5166	0.4686	0.0082	0.1968
TRANSVAA	0.1287	-0.0344	-1.3561	-0.1889	-0.7154	-1.0607	-1.2294	-1.1194	-1.2946	-1.2195	0.0176	-0.2566
UNIFLORA	0.1330	-0.1876	-0.7899	-1.1174	-1.4710	-1.5398	-0.4935	-0.4827	-0.9708	-0.8106	-0.0745	-0.2710

SPECIES	SHINL	LNDRL	KXLNL	KXMDL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
DISCOLOR	-0.2253	-0.3299	-0.3647	-0.0218	0.2582	-0.2263	0.0505	0.1434	0.0688	-0.2407	-0.1358	0.1518
TRANSVAA	0.6385	0.7452	0.0510	0.0583	-0.7406	0.6696	-0.5771	-0.2031	0.2230	0.2180	0.3347	-0.6303
UNIFLORA	0.3087	0.7466	0.7679	0.0350	-0.3396	0.2736	-0.6432	-0.5299	-0.0473	1.0516	-0.0473	0.1036

SPECIES	INTLN	NFLOR	CORLLN	CORLMD	CORTWD	STXKLLOL	STBLN	STBWD	ACHXLN	ACHXMD	NVPAC	CRXKGD
DISCOLOR	0.0260	0.4969	0.1476	0.0670	0.0264	0.2510	0.4403	0.1428	0.1987	-0.0115	0.4417	0.1341
TRANSVAA	-0.0800	-0.9298	-0.7512	-0.0761	0.0233	-0.7941	-1.1333	-0.2537	-0.6496	0.0251	-1.1536	-0.0625
UNIFLORA	-0.0260	-1.4249	0.3159	-0.2685	-0.1867	-0.2149	-0.7812	-0.4305	-0.1438	0.0274	-0.1573	-0.0775

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	CRNMWD	HMWOFHD	IDLWR	OBLWR	INVLWR	QRLWR	ACLWR	CORLWR	STLLWR	TFLPLR	INFLWR	LRNFRH
DISCOLOR	-0.0294	-0.5062	0.4566	0.2467	0.0052	0.3378	0.2176	0.5484	0.4475	-0.5273	0.0625	0.5042
TRANSVAA	0.2507	0.9133	-1.3406	-1.0138	-0.9623	-0.7552	-0.6071	-1.8463	-1.0221	1.3389	-0.0408	-1.5093
UNIFLORA	-0.2204	1.5154	-0.5386	0.1516	1.4870	0.4959	-0.1732	-0.9191	-0.9956	0.9703	-0.2838	-1.2499

WITHIN-STANDARDIZED CLASS MEANS

SPECIES	RACMLN	INTNDLN	NBR	IBRW	OBWW	INWGW	PMWL	LBWP	INFL	INFW	VANGS	VANGB
DISCOLOR	-0.0575	0.0916	0.7889	0.3244	0.6264	1.0193	0.5493	0.4805	0.8270	0.6664	0.0081	0.2053
TRANSVAA	0.1283	-0.0342	-2.1211	-0.2197	-1.0021	-1.9584	-1.6215	-1.3975	-2.0726	-1.7383	0.0175	-0.5809
UNIFLORA	0.1327	-0.1869	-1.2356	-1.5323	-2.0605	-2.8429	-0.6514	-0.6026	-1.5541	-1.1528	-0.0741	-0.2829

SPECIES	SHNL	LMWRL	PKLNL	NKMDL	APKAN	APXPS	USAN	BSPS	SVINS	NSECV	PINBV	PTLLN
DISCOLOR	-0.2391	-0.3777	-0.4340	-0.0216	0.2204	-0.2907	0.2690	0.1497	0.0582	-1.2645	-0.1396	0.1582
TRANSVAA	0.6774	0.8534	1.0243	0.0580	-0.8043	0.7068	-0.5552	-0.2077	-0.2230	0.2395	0.5498	-0.6571
UNIFLORA	0.3275	0.8549	0.9139	0.0348	-0.3689	0.2910	-0.6909	-0.9419	-0.0473	1.1555	-0.0486	0.1080

SPECIES	INTLN	NFLR	CORLLN	CORLWD	QORLWD	STKLLN	STBLN	STWD	ACHLKL	ACHWWD	NYPAC	CRNMWD
DISCOLOR	0.0239	0.7617	0.1574	0.0669	0.0563	0.2733	0.5900	0.1454	0.2090	-0.0114	0.5945	0.1380
TRANSVAA	-0.0795	-1.4252	-0.8014	-0.0751	0.0232	-0.8648	-1.5185	-0.2584	-0.6791	0.0249	-1.5559	-0.0644
UNIFLORA	-0.0298	-2.1841	0.3370	-0.2684	-0.1679	-0.2341	-1.0466	-0.4384	-0.1513	0.0272	-1.0195	-0.6973

SPECIES	CRNMWD	HMWOFHD	IDLWR	OBLWR	INVLWR	QRLWR	ACLWR	CORLWR	STLLWR	TFLPLR	INFLWR	LRNFRH
DISCOLOR	-0.0294	-0.6128	0.4566	0.2803	0.0068	0.3266	0.2315	1.0031	0.6025	-0.8763	0.0625	0.7738
TRANSVAA	0.2513	1.4658	-1.6805	-1.2705	-0.9132	-0.7415	-0.6451	-1.7473	-1.2183	1.6124	-0.0408	-1.5093
UNIFLORA	-0.2209	2.4638	-0.7745	0.1726	1.9369	0.5333	-0.1842	-1.6809	-1.3405	0.9703	-0.2837	-1.2499

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLNL	NBR	IBRW	OBW	INNOV	PKWL	LBAP	INFL	INFW	VANGS	VANGB
RACHLEN	1.00000	0.62301	-0.03383	0.05986	0.01576	0.02654	0.01794	-0.01932	0.01286	0.05311	0.09003	-0.04775
INTNDLNL	0.62301	1.00000	-0.00402	0.13879	0.09851	0.11650	-0.02371	0.00720	0.01088	0.00675	0.07708	-0.05473
NBR	-0.03383	0.00402	1.00000	0.34208	0.59909	0.80799	0.60167	0.59938	0.07225	0.17307	0.13304	0.36511
IBRW	0.05986	0.13879	0.34208	1.00000	0.59188	0.57336	0.20157	0.23101	0.35371	0.36398	0.03511	0.04951
OBW	0.01576	0.09851	0.59909	0.59188	1.00000	-0.77094	0.56145	0.50308	0.70684	0.51114	0.02267	0.18173
INNOV	0.02654	0.11650	0.80799	0.57336	-0.77094	1.00000	0.58356	0.55489	0.89059	0.82936	0.08208	0.27802
PKWL	0.01794	-0.02371	0.60167	0.20157	0.56145	0.50308	1.00000	0.60132	0.61909	0.60288	-0.02839	0.17034
LBAP	-0.01932	0.00720	0.59938	0.23101	0.50308	0.55489	0.60132	1.00000	0.48741	0.48741	0.05941	0.18332
INFL	0.01286	0.01088	0.07225	0.35371	0.70684	0.89059	0.61909	0.59100	1.00000	0.83750	0.05162	0.31948
INFW	0.05311	0.00675	0.17307	0.36398	0.35371	0.82936	0.60288	0.48741	0.83750	1.00000	0.03279	0.23591
VANGS	0.09003	0.07708	0.13304	0.03511	0.00287	0.08208	-0.00839	0.05941	0.05162	0.03279	1.00000	0.30465
VANGB	-0.04775	-0.05473	0.36511	0.04951	0.18173	0.27802	0.17034	0.18332	0.31948	0.23591	0.30465	1.00000
ACHLEN	-0.00277	-0.00666	-0.12735	0.00609	-0.11704	-0.18255	-0.17848	-0.09402	-0.16573	-0.09402	0.00752	-0.14482
INTNDLNL	-0.00666	-0.17828	-0.30955	-0.15576	-0.27185	-0.39438	-0.26007	-0.21513	-0.35513	-0.30952	-0.09225	-0.17482
NBR	0.12878	0.07672	0.47540	-0.11711	-0.37321	-0.40646	-0.44895	-0.37518	-0.50006	-0.56816	-0.00260	-0.16196
IBRW	0.19084	0.23163	0.16523	0.01125	-0.10056	-0.09683	-0.17744	-0.13941	-0.11757	-0.11704	0.08432	0.18997
OBW	0.00411	0.11863	0.21631	0.02071	0.12599	0.09058	0.20581	0.15394	0.27788	0.32359	0.07901	0.18084
INNOV	0.01195	-0.08700	-0.25680	-0.19157	-0.26723	-0.27760	-0.25306	-0.15306	-0.27699	-0.27556	0.04299	-0.18240
PKWL	0.06122	0.10475	0.35527	0.16638	0.30797	0.42457	0.25097	0.27821	0.41065	0.38110	0.17041	0.37385
LBAP	0.04957	0.06650	0.29177	0.13189	0.25544	0.28740	0.29890	0.27602	0.38417	0.30812	0.24740	0.37378
INFL	0.04419	0.04650	0.12484	0.01898	0.03207	0.09225	0.06241	0.02917	0.07781	0.12624	0.30961	0.21716
INFW	0.02705	-0.00632	-0.23054	-0.18676	-0.31895	-0.35059	-0.26803	-0.16059	-0.30462	-0.28236	0.12179	0.11126
VANGS	0.17817	0.24079	0.23569	-0.03259	-0.18669	-0.23161	-0.19222	-0.12866	-0.20021	-0.22673	0.09639	0.12267
VANGB	0.11604	0.05297	0.28752	0.07491	0.21147	0.17451	0.22600	0.08565	0.26962	0.20248	-0.05109	-0.09372
ACHLEN	0.15459	0.09545	-0.03358	0.02629	-0.03259	-0.02249	-0.08419	0.08416	-0.02387	0.00686	-0.02734	-0.07426
INTNDLNL	0.00996	0.09517	0.11097	0.13314	0.68562	0.68374	0.56779	0.51683	0.78207	0.77032	0.02230	0.25187
CORLNL	0.00961	0.10972	0.19080	0.06487	0.07687	0.28036	0.19133	0.18694	0.38514	0.30910	0.00368	0.09668
CORLNL	-0.14157	-0.07973	0.16180	0.19649	0.19602	0.16091	0.18325	0.09197	0.17541	0.20460	-0.00471	0.04566
CORLNL	0.02295	-0.01723	0.09071	0.06821	0.07871	0.06834	0.04371	-0.15172	0.13289	0.08677	-0.17171	-0.05834
STWGLNL	0.05633	0.21174	0.13704	0.23607	0.27199	0.38710	0.24651	0.20561	0.42197	0.34339	0.28273	0.05967
STWGLNL	0.01399	-0.09412	0.04896	0.00020	0.59582	0.61917	0.52132	0.17767	0.76241	0.64756	0.04832	0.13537
STWGLNL	0.15211	0.15118	0.33625	0.22812	0.20053	0.29277	0.27648	0.18398	0.29797	0.32956	0.00596	0.00169
ACHLEN	0.10353	-0.06627	0.04755	0.11417	0.13932	0.48772	0.39175	0.31175	0.64044	0.60114	0.00114	0.152
ACHLEN	-0.01039	-0.15876	0.09540	0.20538	0.17991	0.15283	0.07223	-0.01008	0.28799	0.19491	-0.05834	0.10571
INFL	-0.12766	0.03392	0.55070	0.26470	0.52524	0.59910	0.59221	0.49549	0.59568	0.54233	0.00677	0.13792
INFL	0.10916	-0.23663	0.23339	0.14268	0.28224	0.39466	0.11537	-0.00014	0.28580	0.12807	0.00048	0.04850
INFL	-0.05195	0.06520	-0.07748	0.09185	-0.09015	-0.02039	-0.07669	-0.10151	-0.13963	-0.00937	0.10628	0.09294
INFL	0.45311	0.17608	0.64278	0.44908	-0.65514	-0.77151	-0.57110	-0.44669	-0.70255	-0.59953	-0.00069	-0.27623
INFL	-0.07795	-0.01150	0.27985	-0.11227	0.53010	0.60553	0.55198	0.54901	0.79353	0.61631	0.00599	0.30928
OBW	-0.08186	-0.06120	0.27993	-0.15691	-0.03423	0.25546	0.35139	0.36330	0.39341	0.39327	0.05266	0.19218
INFL	-0.11926	-0.13835	0.23635	-0.39313	-0.17164	-0.00861	0.15932	0.12956	0.16161	-0.06592	0.00089	0.16334
INFL	0.12983	0.16614	0.28630	-0.03954	-0.01314	0.21398	0.08110	0.12408	0.29813	0.20193	0.02831	0.08083
INFL	0.11563	-0.07194	0.13189	0.11114	0.27045	0.48349	0.38730	0.36514	0.61504	0.59687	0.02593	0.04781
INFL	-0.02477	0.00797	0.80773	0.28181	0.67962	0.79669	0.59981	0.61892	0.89136	0.70705	0.00920	0.31206
INFL	-0.05053	-0.10589	0.61983	0.26052	0.64172	0.69197	0.53426	0.54824	0.76890	0.69137	-0.05066	0.25247
INFL	0.17612	-0.07608	0.67002	0.36982	0.53958	0.63315	0.49558	0.63025	-0.51620	0.00310	-0.04240	0.25247
INFL	-0.09482	0.03059	0.17638	0.03562	0.17415	0.04728	0.00933	0.15159	0.20036	0.34451	0.04240	0.09377
INFL	-0.13177	0.04426	0.70258	0.44162	0.68237	0.82196	0.65056	0.48569	0.78390	0.64891	0.04427	0.25242

CANONICAL DISCRIMINANT ANALYSIS
TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	SHHL	LMHDL	MLLNL	MOHDL	APKAN	APXPS	BSAN	DSPS	SVINS	NSECV	PINSV	PTLNL
BACHLE	-0.00277	-0.06462	0.12878	0.19084	0.00441	0.01195	0.06122	0.04957	0.04419	0.02705	0.17817	0.11604
INTNDLN	-0.00886	-0.17828	0.07472	0.25363	0.11683	-0.03700	0.10475	0.06660	0.01660	-0.00632	0.20079	0.05297
NBR	-0.12735	-0.30475	-0.47940	-0.16233	0.11631	-0.22820	0.33527	0.29717	0.12948	-0.23054	-0.23569	0.24752
IBR	0.00609	-0.18576	-0.17714	0.01125	0.20271	-0.15167	0.16638	0.13189	-0.01888	-0.18676	-0.03239	0.07491
OBHR	-0.11704	-0.27165	-0.37121	-0.10056	0.15595	-0.26723	0.30757	0.25544	0.03207	-0.31829	-0.19669	0.21187
IRKXN	-0.10255	-0.39438	-0.30946	-0.09063	0.29066	-0.27780	0.48457	0.34760	0.09225	-0.35059	-0.23161	0.17451
PKKL	-0.17048	-0.26007	-0.46985	-0.17744	0.20581	-0.22506	0.25097	0.24920	0.06241	-0.26403	-0.19222	0.22600
LMRP	-0.05402	-0.21513	-0.37518	-0.13981	0.12534	-0.15306	0.21621	0.27403	0.02917	-0.16059	-0.12226	0.08565
IMFL	-0.16575	-0.35513	-0.50906	-0.14757	0.17788	-0.27609	0.10065	0.38417	0.07781	0.30462	-0.28023	0.26062
IMFN	-0.22384	-0.38062	-0.56576	-0.17704	0.32399	-0.25756	0.38110	0.30812	0.12624	-0.28236	-0.28673	0.20248
VANGS	0.00752	-0.06925	-0.00960	0.06452	0.07901	-0.06259	0.17081	0.24140	0.30961	0.12179	0.09539	-0.05109
VANGD	-0.14862	-0.31652	-0.16196	0.18927	0.18084	-0.16240	0.37385	0.37378	0.17446	-0.11156	-0.15227	-0.09772
SHHL	1.00000	0.76344	0.38814	-0.46005	-0.35756	-0.06035	-0.35193	0.16599	-0.24336	0.18613	0.00335	0.00079
LMHDL	0.76344	1.00000	0.46912	-0.47789	-0.48628	0.01244	-0.51057	-0.15962	-0.24929	0.25103	0.03464	0.01887
MLLNL	0.38814	0.46912	1.00000	-0.42676	-0.41527	0.29399	-0.21188	-0.02541	-0.17505	0.47733	0.27355	0.16891
MOHDL	-0.46005	-0.47789	-0.42676	1.00000	0.11153	0.18082	0.42333	0.11308	0.06926	0.19844	0.22445	0.15920
APKAN	-0.35756	-0.48628	-0.41527	0.11153	1.00000	-0.43849	0.22664	0.01085	0.18301	-0.16451	0.04866	-0.01955
APXPS	-0.06035	0.07554	0.29399	0.18082	-0.43849	1.00000	-0.07439	-0.08560	0.01887	0.13931	0.03286	-0.00634
BSAN	-0.35193	-0.61067	-0.21188	0.42333	0.22664	-0.07439	1.00000	0.57324	0.23553	-0.03491	-0.06124	-0.08007
DSPS	0.16599	-0.15962	0.02541	0.11308	0.01085	-0.08560	0.57324	1.00000	0.06659	0.08659	-0.06770	-0.17866
SVINS	-0.24336	-0.24929	-0.17505	0.06926	0.18301	0.01887	0.23553	0.06659	1.00000	0.21079	-0.15334	-0.12710
NSECV	0.18613	0.25103	0.47733	0.19844	-0.16451	0.03491	-0.06124	0.08659	0.21079	1.00000	-0.06827	0.09630
PINSV	0.00335	0.03464	0.27355	0.22445	0.04866	0.03286	-0.00634	-0.06124	-0.06827	-0.06827	1.00000	0.02793
PTLNL	0.00079	0.01887	0.16891	0.15920	-0.01955	-0.00634	-0.08007	-0.07866	-0.12710	0.09630	0.02793	1.00000
INTLN	0.09288	-0.08168	0.19448	0.27981	0.00987	0.08218	0.07363	0.03719	0.16600	0.09640	0.08212	-0.01777
NFLR	-0.17177	-0.33157	-0.43159	-0.09687	0.18240	-0.20848	0.41999	0.37998	0.08130	-0.31274	-0.23302	0.12772
CORLNL	-0.22238	-0.28246	-0.19471	0.09869	0.20293	-0.06747	0.28739	0.12948	0.13642	0.02428	-0.02721	0.16794
CORLND	-0.10600	-0.15222	-0.12178	0.02827	0.14355	-0.05758	0.17037	0.14046	-0.06136	-0.02025	-0.05343	-0.01769
CORTUD	-0.05422	-0.06661	-0.00108	0.08678	0.05279	-0.08058	0.10490	0.10971	-0.11957	-0.06403	0.00312	0.15968
STOKOL	-0.16747	-0.22805	-0.17377	0.06851	0.14687	-0.07557	0.10186	-0.05729	0.10046	-0.06298	-0.00298	0.08708
STBL	-0.20538	-0.33880	-0.43709	-0.13033	0.31050	-0.25401	0.12601	0.17663	0.10707	-0.27434	-0.18899	0.21807
STBND	-0.02736	-0.15185	-0.15927	-0.01094	0.33904	-0.10846	0.13397	0.19233	-0.04401	-0.02912	-0.06189	0.11028
ACKNL	0.00109	-0.10964	-0.28855	-0.16608	0.06448	-0.07071	0.23355	0.10580	-0.15167	-0.31867	-0.17682	0.17882
ACKMND	0.17263	0.27663	0.01159	-0.06847	0.11598	-0.16259	0.07300	0.08059	-0.06962	0.06763	-0.14399	0.12137
RYAPC	-0.29133	-0.36238	-0.43947	-0.06942	0.32008	-0.36873	0.20942	0.30359	0.08286	-0.30232	-0.13352	0.17097
CRNMND	-0.06106	-0.12166	-0.11266	0.06657	0.24233	-0.10489	0.20648	0.07522	0.03254	-0.10312	0.08399	0.01277
CRNMND	0.03447	-0.01906	0.12074	0.11514	0.03185	0.06067	0.25209	0.11569	-0.04904	0.08810	0.16744	-0.12790
RMWOFHD	0.21363	0.33391	0.51678	0.15811	-0.28548	0.24763	-0.30658	-0.22509	-0.03913	0.34038	0.19769	-0.08389
ILMR	-0.21056	-0.30815	-0.40608	-0.15997	0.22422	-0.21122	0.17853	0.24128	0.02827	-0.22590	-0.22983	0.24303
OLMR	-0.17093	-0.16900	-0.23467	-0.06290	0.00414	-0.02836	0.18571	0.18681	0.01271	-0.12154	-0.17779	0.02976
IMVLMR	-0.01592	-0.03050	-0.02188	-0.06801	0.02258	-0.00947	0.06065	-0.05965	0.02728	0.20742	-0.11429	0.24220
OLVLMR	-0.16389	-0.15479	-0.07879	0.07701	0.11520	-0.01809	0.18061	0.04132	0.18809	0.04166	-0.01905	0.18317
ACLMR	-0.06251	-0.15131	-0.31103	-0.15172	0.06317	-0.03688	0.20263	0.24135	0.01530	-0.21143	-0.28369	0.11119
CORLMR	-0.23910	-0.36989	-0.51488	-0.13333	0.22650	-0.29758	0.16447	0.25682	0.08345	-0.29090	-0.23467	0.25883
STLLMR	-0.14054	-0.16132	-0.46843	-0.15457	0.29265	-0.28609	0.38579	0.32641	0.01257	-0.34006	-0.25280	0.29511
TFLPLR	0.23480	0.35793	0.38310	0.02824	-0.30025	0.30964	-0.30999	-0.17175	-0.07375	0.22191	0.12982	-0.23651
INTFLMR	0.11095	0.08356	0.05796	0.03256	-0.08971	-0.01975	-0.01224	-0.00841	-0.07362	0.00254	0.04628	0.10545
LRKFLMR	-0.25366	-0.39762	-0.49708	-0.07463	0.30504	-0.24935	0.39819	0.28117	0.07823	-0.33247	-0.17264	0.11607

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	INTLN	NFOR	CORLW	CORLW	CORTW	STKML	STBLN	STBND	ACHKLN	ACHKND	NYFAC	CRKMD
RACLEN	0.15659	0.00896	0.00963	-0.14357	0.02595	0.05633	-0.01399	0.19211	0.10353	-0.01039	-0.12746	0.10916
INTHDL	0.09565	0.09517	0.10972	-0.07973	-0.01723	0.21174	-0.05442	0.15118	-0.06627	-0.15876	0.03592	0.23863
NBR	-0.03358	0.71097	0.35080	0.14189	0.05071	0.41744	0.64996	0.33635	0.43275	0.09540	0.55070	0.22359
IBRW	0.05629	0.18314	0.06087	0.19649	0.08721	0.23007	0.30030	0.22612	0.11817	0.20518	0.36470	0.13268
OSRW	-0.03259	0.68562	0.07687	0.15962	0.07671	0.21799	0.56982	0.20053	0.33922	0.17991	0.55294	0.22224
IMHWD	0.02244	0.88374	0.28036	0.14091	0.06834	0.36710	0.68157	0.29277	0.46772	0.15223	0.58910	0.35846
MWDL	-0.00219	0.36779	0.19133	0.18525	0.08371	0.23651	0.52123	0.17648	0.39179	0.07723	0.56921	0.11517
LDRP	0.08416	0.51605	0.14694	0.05197	-0.15172	0.20561	0.47767	0.11898	0.33176	-0.01006	0.43059	-0.00074
INTFL	-0.02387	0.74267	0.18614	0.17941	0.13289	0.26137	0.70801	0.22679	0.46413	0.22787	0.59448	0.25880
INFW	0.00886	0.70332	0.30910	0.20460	0.08677	0.34339	0.66156	0.32956	0.60244	0.19491	0.54233	0.32887
VANOS	-0.02734	0.02230	0.00368	-0.06422	-0.17171	0.12873	0.08832	-0.00585	0.00134	-0.05834	0.00477	0.00048
VANGS	-0.07425	0.21147	0.05668	0.03606	-0.00838	0.00887	0.15159	-0.00149	0.11152	0.10571	0.13792	0.04400
SHLNL	-0.09284	-0.17177	-0.22238	-0.10604	-0.05422	-0.16747	-0.20518	-0.02736	0.00105	0.17283	-0.25133	-0.06106
LDHDL	-0.04168	-0.33157	-0.24296	-0.15122	-0.08681	-0.22665	-0.33860	-0.15185	-0.09694	0.07983	-0.34338	-0.13366
MLRL	0.12848	-0.43159	-0.10771	-0.11118	-0.00108	-0.11777	-0.43704	-0.15927	-0.28855	-0.01199	-0.43947	-0.12386
NOHDL	0.27981	-0.09667	0.09869	0.02827	0.06678	0.34111	-0.11103	-0.01004	-0.26608	-0.08267	-0.06502	0.08657
AFKSN	0.00987	-0.18340	0.02923	0.14355	0.05719	0.14687	0.31050	0.22904	0.06488	0.01398	0.35908	0.24213
AFKPS	0.08216	-0.20848	-0.06747	-0.08758	-0.08058	-0.07937	-0.10846	-0.10791	-0.14959	-0.35873	-0.10829	-0.00048
BSAN	0.07363	0.41499	0.28739	0.17037	0.10400	0.10186	0.31201	0.13397	0.23353	0.07300	0.29942	0.20468
BUPS	0.03719	0.37698	0.12234	0.14046	0.10971	-0.09729	0.17663	0.15933	0.26215	0.08059	0.01899	0.07522
SVHIS	0.01660	0.08130	0.13642	-0.06136	-0.11957	0.10046	0.10707	-0.04401	-0.01880	-0.06962	0.04286	0.05294
HSCEV	0.06564	-0.31274	0.02428	-0.02029	-0.06803	0.06343	-0.27434	-0.20212	-0.15167	0.06763	-0.30292	-0.10312
FINSE	0.08212	-0.23306	-0.02721	-0.07383	0.00312	-0.00939	0.18939	0.06189	-0.36662	-0.16399	-0.14352	0.03939
PTLLN	-0.01777	0.12772	0.16794	-0.07169	0.13668	0.09708	0.27907	0.13028	0.17882	0.12137	0.17097	0.03277
INTLN	1.00000	-0.01131	0.07221	-0.01057	-0.00645	-0.00509	0.02309	-0.00200	0.02356	-0.12079	-0.00696	0.06456
NFOR	-0.01131	1.00000	0.16417	0.06605	0.03804	0.21541	0.19227	0.40916	-0.00184	0.07644	0.14092	0.16092
CORLW	0.07221	0.16417	1.00000	0.35925	0.35729	0.34169	0.28613	0.20567	0.25455	0.17486	0.19915	0.26079
CORLW	-0.01057	0.06605	0.35925	1.00000	0.50082	0.10683	0.07738	0.20193	0.13122	0.32313	0.25113	0.43095
CORTW	-0.00645	0.03804	0.35729	0.50082	1.00000	0.09040	0.18726	0.38243	0.15913	0.33842	0.09380	0.30645
STKML	-0.00509	0.21541	0.34169	0.10683	0.09040	1.00000	0.38604	0.21210	0.14717	0.09131	0.31160	0.31563
STBLN	0.02309	0.40916	0.28613	0.07738	0.18726	0.38604	1.00000	0.23006	0.25564	0.20781	0.54813	0.26200
STBND	-0.00200	0.19227	0.20567	0.21541	0.34243	0.21210	0.23006	1.00000	0.18016	0.16599	0.27180	0.15752
ACHKLN	0.02356	0.40916	0.28613	0.07738	0.18726	0.38604	0.23006	0.18016	1.00000	0.42710	0.23384	0.17891
ACHKND	-0.12079	-0.00184	0.17486	0.32313	0.33842	0.09131	0.20781	0.16599	0.42710	1.00000	0.10325	0.32401
NYFAC	-0.00096	0.07644	0.19915	0.25113	0.09380	0.31660	0.54813	0.27180	0.23384	0.10325	1.00000	0.31721
CRKMD	0.06456	0.14092	0.26079	0.43095	0.30645	0.31563	0.31660	0.31721	0.32401	0.31721	0.31660	1.00000
CRKMD	0.14927	-0.19562	0.12282	0.35729	0.22608	0.11415	-0.07493	0.23156	-0.17303	0.16345	0.04046	0.30800
WHDHFD	0.08951	0.24771	0.16709	-0.01781	-0.03858	-0.05644	0.05754	0.05754	0.05754	0.05754	0.05754	0.22015
IBLNR	-0.05990	0.64231	0.34459	0.08544	0.02764	0.30106	0.62159	0.15587	0.46587	0.01102	0.47121	0.03347
ODLNR	0.02238	0.32944	0.21164	0.00028	0.01895	0.15206	0.35312	0.01129	0.25100	-0.13733	0.28909	-0.08410
INVLNR	-0.01466	-0.13986	0.27042	-0.00517	-0.01225	0.13017	0.11950	-0.09158	0.10592	-0.06788	0.07811	-0.25002
CALLNR	0.13769	0.14189	0.80259	-0.22892	0.06991	0.29380	0.26414	0.05736	0.17573	-0.01656	0.05277	0.01608
ACLNR	0.08956	0.43977	0.17579	-0.02618	-0.06048	0.10158	0.10791	0.13411	0.08606	-0.05510	0.20419	0.03125
COLLNR	0.08016	0.76067	0.30675	0.03291	0.04049	0.38825	0.73473	0.15300	0.46805	0.02891	0.57276	0.00023
STLLNR	0.02117	0.70510	0.18647	0.14827	0.12492	-0.15430	0.60748	0.22939	0.20527	0.10352	0.49514	0.11616
TYFLR	-0.03308	0.59411	0.20828	-0.07228	0.05742	-0.30663	-0.40446	-0.13466	-0.00713	0.14553	-0.59167	-0.14677
INFLNR	-0.01018	-0.03622	0.09443	-0.07932	0.02160	0.16268	0.18102	-0.09640	-0.01597	-0.00233	0.06288	-0.12223
LANFHR	-0.03213	0.70361	0.29435	0.18580	0.10083	0.34114	0.61012	0.25841	0.39340	0.08133	0.62421	0.33079

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	ORHWH	RHWHFO	IBLHR	GBLWR	INVLWR	CLLWR	AGLWR	COLLWR	STLLWR	TEFLWR	INFLWR	LRNFWR
RACHLEN	-0.05199	0.43311	-0.07755	-0.08183	-0.11586	0.02982	0.11562	-0.03477	-0.03053	0.17432	-0.08462	-0.13177
INTROLN	0.06980	0.13368	-0.01150	-0.06180	0.13835	0.16614	-0.01194	0.00191	-0.10569	-0.07808	0.03059	0.06428
NBR	-0.07788	0.64270	0.72985	0.17953	0.23635	0.28050	0.41388	0.80773	0.61983	-0.67002	0.17638	0.70258
IBRW	0.09185	-0.44908	-0.11827	-0.15951	-0.39333	0.03054	0.01114	0.28181	0.26052	-0.36982	0.03562	0.44162
ORHWH	-0.09015	-0.65514	-0.53010	-0.03423	-0.17164	-0.01314	0.27005	0.67863	0.64172	-0.56478	0.17815	0.68237
INRW	-0.02039	0.77151	0.64653	0.25946	-0.02261	0.21398	0.04349	0.79669	0.69197	-0.67256	0.04728	0.82196
PKML	-0.07669	-0.51710	0.25198	0.15129	0.15332	0.08710	0.30720	0.59981	0.53425	-0.45335	0.00993	0.62096
LEP	-0.10151	-0.44469	0.50921	0.14330	0.12286	0.13048	0.34319	0.61992	0.54228	-0.49558	0.15129	0.46569
IRFL	-0.13963	-0.70295	0.79353	0.38341	0.16161	0.29813	0.61504	0.89156	0.76800	-0.63025	0.20036	0.78390
IRFM	-0.06917	-0.25953	0.01631	0.23917	-0.05592	0.20193	0.59689	0.70706	0.63119	-0.51668	-0.34651	0.64891
VARGS	0.10628	0.00999	0.00999	0.02568	0.00089	0.02837	0.02920	-0.05006	-0.00301	0.04240	0.06457	0.06457
VARGS	-0.09924	-0.27423	0.30938	0.19218	0.10834	0.06083	0.04787	0.31206	0.22547	-0.28309	0.09377	0.28532
SHIL	0.03447	0.21363	-0.12266	-0.17007	-0.01952	-0.16348	-0.08821	-0.23910	-0.14054	0.21460	0.10025	-0.25366
INLWR	-0.01908	0.33391	-0.30815	-0.16900	0.03050	-0.15679	-0.15131	-0.36989	-0.31632	0.35793	0.08196	-0.37762
MLRL	-0.17074	0.16178	-0.25908	-0.23467	-0.02188	-0.07870	-0.31103	-0.51448	-0.48643	0.38318	0.07798	-0.49708
MMOGL	-0.11514	0.15811	-0.13597	-0.06290	-0.04601	0.07741	-0.15172	-0.13333	-0.19557	0.02824	-0.32356	-0.07463
APKAN	0.03185	-0.28548	0.29422	0.00416	0.02258	0.11520	0.06317	0.29650	0.30025	-0.06971	0.30904	0.30904
APKS	0.00607	0.24763	-0.23122	-0.02856	-0.00947	-0.01909	-0.01008	-0.29758	-0.28609	0.30964	-0.19779	-0.24915
GSAN	0.05207	-0.20648	0.37853	0.18571	0.00605	0.18061	0.20263	0.36647	0.38579	-0.30959	-0.10224	0.39819
BSPS	0.11569	-0.22619	0.26128	0.18241	-0.05985	0.04132	0.24115	0.26562	0.32461	-0.17715	-0.09493	0.28717
SVINS	-0.09604	-0.03913	0.03267	0.01271	0.02728	0.18609	0.01530	0.08345	0.01957	-0.07375	-0.07262	0.07262
NSECV	0.06610	0.36038	-0.22990	-0.12154	0.20742	0.08162	-0.21143	-0.29990	-0.34006	0.22919	0.00254	-0.33847
PIREV	-0.16748	0.19769	-0.22493	-0.17779	-0.11429	-0.01505	-0.28369	-0.23467	-0.25280	0.12582	0.04668	-0.17256
PTLLN	-0.12790	-0.08389	0.24303	0.09276	0.24220	0.18347	0.11119	-0.25093	0.28511	-0.23651	0.10545	0.11607
ITFLN	0.19927	0.20951	-0.05690	0.02338	-0.04956	0.13769	0.08956	0.00876	0.02117	0.03308	-0.01018	-0.02213
INLOR	-0.15642	0.61751	0.60211	0.32044	-0.18986	0.14189	0.43277	0.70067	0.70810	-0.59617	-0.03622	0.70361
COLLWR	0.12282	-0.14709	0.34459	0.21164	0.27062	0.82059	0.17579	0.30675	0.10474	-0.24828	0.09943	0.29435
STYLO	0.35279	-0.17681	0.06544	0.00028	-0.02057	-0.02892	0.03291	0.03291	0.14227	-0.07024	-0.07938	0.16580
COLLWR	0.25668	-0.03898	0.07654	0.01879	-0.01255	-0.02971	-0.00948	0.00409	0.24942	0.07742	0.02700	0.10083
STYLO	0.11415	-0.28956	0.30106	0.18206	0.11037	0.29380	0.10156	0.38225	-0.15430	-0.38063	0.12626	0.34114
STYLO	-0.07893	-0.59524	0.62455	0.35312	0.11950	0.06214	0.47091	0.60748	0.40446	-0.14462	0.51012	0.51012
STYLO	0.23156	-0.16575	0.15587	0.03125	-0.09156	0.07356	0.13411	0.15200	0.22939	-0.13356	-0.09640	0.25841
ADKLN	-0.17303	-0.28827	0.46567	0.25160	0.10550	0.17273	0.86806	0.68485	0.50527	-0.00773	-0.01597	0.39340
ADKLN	0.16385	-0.01527	0.01102	-0.13713	-0.02758	-0.01856	-0.06510	0.02891	0.10352	0.14953	-0.00213	0.06131
HYPAC	0.04046	-0.57483	0.71721	0.24909	0.07511	0.05277	0.20419	0.57276	0.49514	-0.59367	0.06288	0.68241
GRMNO	0.43600	-0.22515	0.03317	0.08410	-0.20903	0.01608	0.03125	0.00223	0.11616	-0.13477	-0.12323	0.33079
CHMNO	0.00000	0.10104	-0.19250	-0.06742	-0.23060	-0.06738	-0.28024	-0.24177	-0.21456	0.06661	-0.09505	-0.10026
RHWHFO	0.19104	1.00000	-0.38041	-0.20555	0.10873	-0.09349	-0.29724	-0.70740	-0.60882	0.17362	-0.14527	-0.87880
IBLWR	0.17954	0.50641	1.00000	0.51562	0.37079	0.38000	0.46949	0.81328	0.69832	-0.61641	0.24151	0.63095
GBLWR	-0.06742	-0.20555	0.51562	1.00000	0.38009	0.21764	0.31038	0.45132	0.36958	-0.29227	0.08236	0.23768
INVLWR	-0.23060	0.10873	0.37079	0.38009	1.00000	0.89967	0.12799	0.23616	0.09965	-0.12667	0.39261	-0.03591
CLLWR	-0.08718	-0.07349	0.32005	0.21764	0.29667	1.00000	0.10752	0.30389	0.10909	-0.23074	0.16845	0.19184
AGLWR	-0.28084	-0.29704	0.49589	0.38318	0.12799	0.18752	1.00000	0.48725	0.49682	-0.07374	0.02685	0.38628
COLLWR	-0.21277	-0.70700	0.47758	0.45132	0.23616	0.30389	0.48725	1.00000	0.77641	0.12954	0.26097	0.75959
STLLWR	-0.21456	-0.60882	0.69832	0.36956	0.09965	0.10988	0.49682	0.77641	1.00000	-0.51221	0.10668	0.63941
TEFLWR	0.06661	0.17362	-0.06641	-0.29227	-0.12667	-0.23074	-0.07374	-0.73954	-0.51221	1.00000	-0.17922	-0.65000
INFLWR	-0.09505	-0.14527	0.24151	0.08236	0.39261	0.16845	0.02685	0.26097	0.10668	-0.17922	1.00000	0.17861
LRNFWR	-0.10026	-0.87880	0.63205	0.23768	-0.03591	0.19124	0.38826	0.75959	0.63941	-0.65000	0.17861	1.00000

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLN	NBR	IBRW	OBRR	INROW	PKAL	LORP	INFL	INFW	VANOS	VANOB
RACHLEN	0.01128	-0.00924	-0.00789	-0.05509	-0.06784	-0.10682	-0.09105	-0.07959	-0.10089	-0.09147	-0.00164	-0.03835
INTNDLN	-0.00924	0.00948	0.06151	0.05811	0.07597	0.08617	0.04055	0.04378	0.04766	0.00905	0.00270	0.02105
NBR	-0.00789	0.06151	0.68914	0.40461	0.71420	0.90263	0.75376	0.69434	0.89220	0.82291	0.07820	0.35228
IBRW	-0.05509	0.05811	0.40461	0.40329	0.51619	0.58137	0.30259	0.28530	0.44051	0.29526	0.01912	0.15079
OBRR	-0.07597	0.07597	0.71420	0.91639	0.70800	0.87695	0.57025	0.51104	0.75662	0.67688	0.03002	0.27470
INROW	-0.10682	0.06617	0.09993	0.58137	0.87695	1.02817	0.74051	0.68722	0.95015	0.85594	0.02014	0.35341
PKAL	-0.09105	0.04055	0.75376	0.30259	0.57025	0.74051	0.64640	0.59444	0.75059	0.69466	0.00412	0.30007
LORP	-0.07959	0.04378	0.69434	0.28530	0.51104	0.68722	0.59444	0.54065	0.65649	0.60025	0.00424	0.27677
INFL	-0.10089	0.04766	0.89220	0.44051	0.75662	0.95015	0.75025	0.69689	0.91643	0.83549	0.01105	0.35484
INFW	-0.09147	0.00905	0.82291	0.39265	0.67688	0.85594	0.69466	0.64025	0.87549	0.76112	0.00886	0.32952
VANOS	-0.00164	0.00270	0.00820	0.01912	0.03002	0.02014	0.00412	0.00244	0.01105	0.00886	0.00116	0.00257
VANOB	-0.03835	0.02105	0.35228	0.15079	0.27470	0.35341	0.30007	0.27677	0.35484	0.32952	0.00257	0.10024
SWFL	-0.04322	-0.05639	-0.40392	-0.72213	-0.31943	-0.40435	-0.34852	-0.17172	-0.40643	-0.17268	-0.02592	-0.16668
LMNDRL	0.04542	-0.04670	-0.56128	-0.31214	-0.50038	-0.61765	-0.46538	-0.43048	-0.57781	-0.52418	-0.00916	-0.22007
MLNL	-0.07110	-0.05005	-0.65647	-0.33343	-0.54943	-0.67756	-0.52218	-0.48257	-0.64223	-0.54381	-0.00917	-0.24659
MOXDOL	0.00125	-0.00269	-0.03849	-0.01770	-0.03100	-0.03952	-0.03259	-0.03100	-0.03195	-0.03563	-0.00037	-0.01325
APFKAL	-0.05051	0.02980	0.46226	0.19460	0.35836	0.46213	0.35863	0.36498	0.46252	0.46229	0.00311	0.14083
APFYS	0.04408	-0.02546	-0.00914	-0.16657	-0.31081	-0.40313	-0.35080	-0.32268	-0.41028	-0.27114	-0.00233	-0.14343
BSAN	-0.04997	0.03757	0.41856	0.25234	0.35041	0.47569	0.34342	0.31825	0.42444	0.39254	0.00822	0.16324
BSFS	-0.04879	0.02620	0.22846	-0.17866	0.28907	0.29123	0.18077	0.16849	0.24465	0.21801	0.00736	0.09746
SVINS	-0.01326	0.16671	0.12702	0.04280	0.08993	0.11452	0.11044	0.10132	0.12576	0.11631	0.00012	0.05103
NSECV	0.04748	-0.18064	-0.35792	-0.33073	-0.43407	-0.49042	-0.27259	-0.25604	-0.39229	-0.34519	-0.01509	-0.13854
PINOV	0.02628	-0.04944	-0.26716	-0.05645	-0.15773	-0.23495	-0.21815	-0.21782	-0.29505	-0.24105	0.00211	-0.10881
PTLLM	-0.02934	0.00116	0.30382	0.05279	0.16942	0.24544	0.27328	0.24932	0.29193	0.27410	-0.00320	0.13524
MYFLN	-0.00507	0.00278	0.04765	0.01795	0.03501	0.04591	0.04108	0.03775	0.04752	0.04379	0.00018	0.01906
NTFLN	-0.07744	0.01864	0.81501	0.51511	0.79465	0.95640	0.64742	0.61814	0.83200	0.72761	0.01877	0.31612
CORLRL	-0.09816	0.00297	0.31733	0.00762	0.13546	0.22027	0.29416	0.26707	0.29638	0.28234	0.00568	0.17186
CORLMD	-0.01319	0.01270	0.10201	0.08711	0.11747	0.13545	0.07899	0.07397	0.11046	0.07778	0.00340	0.02666
CORTWD	-0.00526	0.00729	0.03173	0.05116	0.05756	0.06051	0.02015	0.01964	0.03686	0.03242	0.00287	0.01097
STKMLL	-0.04862	0.05580	0.46310	0.16578	0.32373	0.43954	0.40089	0.36805	0.46027	0.40111	0.00552	0.10552
STBLN	-0.02596	0.05640	0.71151	0.31200	0.63863	0.80592	0.64974	0.59934	0.78368	0.71529	0.00865	0.30485
STBMD	-0.02802	0.05318	0.62109	0.15693	0.31244	0.27657	0.18732	0.17410	0.24393	0.21906	0.00574	0.08977
ACHMLN	-0.03463	0.01970	0.34878	0.12588	0.22981	0.34868	0.29937	0.35509	0.33827	0.30044	0.00445	0.14885
ACHKMD	-0.02295	0.00167	0.01943	-0.01116	-0.01764	-0.02166	-0.01605	-0.02007	-0.01818	-0.00034	-0.00760	0.00760
IVPAC	-0.06620	0.05585	0.77623	0.36871	0.63703	0.80611	0.69516	0.60417	0.78779	0.71969	0.00624	0.30712
CRNMDN	-0.02652	0.05910	0.18077	0.02086	0.29408	0.24330	0.19772	0.13214	0.21309	0.18556	0.00092	0.07024
CRNMDN	0.00552	0.00376	-0.07918	0.03049	-0.00521	-0.03023	-0.07935	-0.07718	-0.06814	-0.06776	0.00359	-0.03433
MMWDFD	0.09366	-0.08202	-0.82745	-0.55505	-0.80552	-0.94300	-0.68642	-0.62130	-0.88884	-0.78062	-0.02016	-0.32025
BLWLR	-0.04962	0.05700	0.42711	0.31513	0.62310	0.81522	0.70963	0.62923	0.82261	0.74196	0.00494	0.24004
OLLRLR	-0.04770	0.01535	0.49216	0.09223	0.27766	0.40073	0.44199	0.40334	0.47355	0.44431	0.00492	0.02110
INFLWR	0.00014	-0.00005	0.15990	-0.29548	-0.19227	-0.17422	0.00051	0.15623	0.09528	0.11708	-0.02437	0.07947
CRILLR	-0.02244	-0.00436	0.27810	-0.04344	0.07495	0.15477	0.26702	0.24108	0.25075	0.24328	-0.00937	0.11777
ACLRLR	-0.04832	0.02200	0.40250	0.11106	0.28671	0.37999	0.34932	0.32065	0.39987	0.36938	0.00079	0.16163
COBLRL	-0.10703	0.04976	0.96607	0.43392	0.78814	0.99516	0.81681	0.75269	0.97950	0.89526	0.00988	0.38048
NTFLRL	-0.08752	0.08286	0.76321	0.41994	0.67648	0.81643	0.63364	0.59594	0.78888	0.71232	0.01274	0.29944
STFLRL	0.10598	-0.04951	-0.96007	-0.83566	-0.78959	-0.96818	-0.77254	-0.71360	-0.93675	-0.83444	-0.00944	-0.35331
INFLRL	-0.01538	0.01278	0.09189	0.08807	0.14420	0.12933	0.06939	0.06929	0.10123	0.08888	0.00410	0.05440
LRNFRH	-0.09872	0.07433	0.84691	0.49921	0.77967	0.95352	0.69701	0.64558	0.87691	0.79326	0.01590	0.33082

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VARIABLE	SHML	LNHML	MLML	HNHML	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLEN	0.07392	0.06592	0.07130	0.00425	-0.05031	0.00408	-0.00907	-0.02879	-0.01326	0.04788	0.02628	-0.02934
INTNDLN	-0.02635	-0.04670	-0.05005	-0.00269	0.02980	-0.02946	0.03757	0.02620	0.06771	-0.00480	-0.00944	0.00916
NBR	-0.40392	-0.56128	-0.62847	-0.03849	0.46266	-0.40934	0.41856	0.28886	0.12702	-0.35792	-0.28716	0.30382
IRRM	-0.17231	-0.31218	-0.33363	-0.01770	0.19660	-0.16567	0.25234	0.17886	0.00280	-0.33073	-0.05645	0.05219
ORRM	-0.31043	-0.50038	-0.54943	-0.03108	0.35836	-0.31081	0.39041	0.29097	0.08893	-0.43407	-0.19773	0.16942
JMKOV	-0.00055	-0.61765	-0.67796	-0.03992	0.46233	-0.40313	0.47569	0.23123	0.11852	-0.04946	-0.22365	0.29564
FMKL	-0.31055	-0.46538	-0.52218	-0.03959	0.39563	-0.35080	0.34242	0.14027	0.10044	-0.27675	-0.23495	0.27326
LSNP	-0.37172	-0.51088	-0.56257	-0.03004	0.36498	-0.32624	0.31255	0.16829	0.10132	-0.29504	-0.21782	0.29932
INTFL	-0.40643	-0.57781	-0.64023	-0.03895	0.46652	-0.41028	0.43060	0.20465	0.12576	-0.32029	-0.28050	0.29193
IRFM	-0.37208	-0.52618	-0.58381	-0.03563	0.42829	-0.37714	0.39234	0.21801	0.11631	-0.34519	-0.20185	0.27410
VANOS	-0.00292	-0.00916	-0.00917	-0.00037	0.00311	-0.00233	0.00822	0.00736	0.00012	-0.01509	0.00211	-0.00320
VANER	-0.16068	-0.28007	-0.24699	-0.01525	0.10043	-0.14323	0.14328	0.08746	0.05103	-0.13850	-0.10081	0.13828
SHML	0.19409	0.25201	0.28206	0.07147	-0.21177	0.18703	-0.18669	-0.10005	-0.05649	0.15381	0.12877	-0.19249
LNHML	0.25201	0.36899	0.40798	0.02824	-0.28875	0.25307	-0.26029	-0.16380	-0.07630	0.28938	0.15119	-0.19697
MLML	0.28007	0.40798	0.45206	0.02716	-0.32303	0.28387	-0.30860	-0.17713	-0.08618	0.28922	0.17386	-0.19521
HNHML	0.07177	0.02438	0.07716	0.00187	-0.02008	0.01770	-0.01817	-0.00997	-0.00949	0.01563	0.01151	-0.01308
APKAN	-0.21177	-0.28875	-0.31343	-0.02308	0.28367	-0.21520	0.21283	0.11861	0.08746	-0.27612	-0.10404	0.16511
APKPS	0.18703	0.25307	0.28387	0.01770	-0.21520	0.19039	-0.18686	-0.09838	-0.05989	0.14900	0.12911	-0.19791
BSAN	-0.18669	-0.28029	-0.30800	-0.01817	0.21283	-0.18686	0.21462	0.12889	0.05555	-0.21603	-0.10732	0.11882
BSPS	-0.10005	-0.16380	-0.17713	-0.00997	0.11381	-0.08838	0.10889	0.08938	0.02758	-0.14935	-0.04056	0.08907
SVINS	-0.05649	-0.07630	-0.08618	-0.00549	0.08746	-0.05989	0.05555	0.02758	0.01917	-0.03964	-0.04622	0.09225
NSECV	0.15381	0.28938	0.29222	0.01563	-0.17413	0.14900	-0.21603	-0.14925	0.03964	0.27283	0.05747	-0.05465
PINSV	0.12877	0.15119	0.17386	0.01151	-0.10404	0.12911	-0.10732	0.04656	-0.04622	0.05747	0.09962	-0.11668
PTLLN	-0.19249	-0.19521	-0.19521	-0.01308	0.10513	-0.10479	0.11882	0.04907	0.04925	-0.05645	-0.11660	0.12714
INTLN	-0.02184	-0.02911	-0.03275	-0.00206	0.02517	-0.02229	0.02137	0.01099	0.00706	0.01632	-0.01543	0.01774
RYFLR	-0.36785	-0.52908	-0.60961	-0.03561	0.41326	-0.36014	0.40707	0.22443	0.10945	-0.45087	-0.19724	0.21597
CDRLIN	-0.15131	-0.16492	-0.19340	-0.01362	0.17609	-0.15895	0.11065	0.03505	0.05469	-0.08229	-0.12999	0.16716
CDRLND	-0.04421	-0.07492	-0.08895	-0.00945	0.09017	-0.08314	0.09954	0.04013	0.01179	-0.07223	-0.01856	0.01009
CORTWD	-0.01269	-0.02294	-0.03043	-0.00140	0.01378	-0.01116	0.02534	0.02069	0.00202	-0.04090	0.00138	-0.00347
STMKLOL	-0.12723	-0.28070	-0.31637	-0.02001	0.24582	-0.21743	0.20927	0.10387	0.00623	-0.15199	-0.15250	0.17977
STBL	-0.34919	-0.48252	-0.54832	-0.03340	0.40101	-0.34998	0.40927	0.20599	0.10867	-0.35747	-0.22520	0.29496
STBUD	-0.10275	-0.15974	-0.17485	-0.01009	0.11728	-0.10203	0.12379	0.07123	0.02964	-0.13273	-0.05449	0.09330
RACHLEN	-0.16996	-0.28240	-0.25088	-0.01599	0.19602	-0.17397	0.16190	0.08068	0.05264	-0.11637	-0.12188	0.16248
ASH-SD	0.00871	0.01287	0.01400	0.00084	-0.00907	0.00873	-0.00219	-0.00219	-0.00262	0.00000	0.00215	-0.00218
RYFAC	-0.35181	-0.49401	-0.55032	-0.03361	0.40412	-0.35590	0.36980	0.20507	0.10083	-0.32433	-0.22863	0.25920
ORNMND	-0.08029	-0.15010	-0.15958	-0.00833	0.09000	-0.07765	0.12264	0.08859	0.01919	-0.15643	-0.02253	0.01967
ORNMND	0.03945	0.03277	0.04111	0.00337	-0.04640	0.02670	-0.01843	0.00230	-0.01586	0.01907	0.04255	-0.02829
HNHFMND	-0.36654	-0.56653	-0.62238	-0.03597	0.41847	-0.36416	0.44007	-0.27381	-0.10599	0.46980	0.19958	-0.21313
IBLH	-0.37616	-0.51062	-0.57299	-0.03577	0.43531	-0.38510	0.37173	0.19762	0.14126	-0.30962	-0.26193	0.30022
OBFLR	-0.23063	-0.27581	-0.31703	-0.02119	0.26721	-0.23924	0.19353	0.08075	0.07953	-0.09494	-0.18791	0.22070
LNHMLR	-0.09173	-0.00543	-0.03118	-0.00569	0.11126	-0.10803	-0.02915	-0.08442	0.04758	0.21767	-0.15729	0.19902
CLLML	-0.1352	-0.11596	-0.13044	-0.01169	0.15813	-0.14601	-0.08278	0.11363	0.09116	0.01823	-0.13007	0.14511
ACLML	-0.18524	-0.24339	-0.27454	-0.01740	0.21358	-0.18946	0.17769	0.08929	0.06045	-0.12981	-0.13362	0.15416
COFLML	-0.45814	-0.61344	-0.66374	-0.04183	0.50337	-0.46345	0.45872	0.23360	0.13706	-0.32954	-0.28614	0.32669
STLLR	-0.36291	-0.50058	-0.53376	-0.03310	0.39059	-0.34954	0.37995	0.22120	0.10406	-0.32286	-0.20774	0.23267
TFLLR	-0.47614	-0.58946	-0.65297	-0.03985	0.47775	-0.42029	0.44303	-0.24874	-0.12904	0.39714	0.26606	-0.30075
INTFLR	-0.40331	-0.60998	-0.67095	-0.04040	0.48466	-0.43796	0.49646	0.03942	0.00996	-0.07021	-0.01287	0.01246
LNHMLR	-0.37877	-0.56407	-0.62182	-0.03675	0.43359	-0.37920	0.43092	-0.25679	0.11319	-0.42609	-0.22059	0.26501

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VARIABLE	INTLN	NFLOR	CORLLN	CORLHO	CORTHO	STNKLLOL	STBLN	STBHO	ACKXLN	ACKMHO	HYFAC	CRKXHO
RACHLEN	-0.00507	-0.09784	-0.02835	-0.01319	-0.00526	-0.04882	-0.08596	-0.02802	-0.03863	0.00225	-0.08620	-0.02652
INTNDLN	0.00278	0.07264	0.00297	0.01270	0.00729	0.02980	0.05640	0.02318	0.01970	-0.00167	0.05585	0.02930
WDR	0.04765	0.81591	0.31733	0.10201	0.01173	0.06310	0.77121	0.23209	0.36228	-0.01943	0.77623	0.19007
BRM	0.01795	0.53121	0.00762	0.08711	0.05116	0.16578	0.37290	0.15493	0.12508	-0.01116	0.36871	0.28286
BRM	0.03201	0.79466	0.13946	0.11747	0.05756	0.33273	0.63865	0.21124	0.25981	-0.01764	0.63703	0.25428
INTNM	0.04591	0.05640	0.27027	0.13942	0.05051	0.43994	0.80992	0.27667	0.34568	-0.02186	0.80611	0.28338
INTLM	0.06108	0.66142	0.29116	0.07699	0.02019	0.80089	0.89174	0.18732	0.32080	-0.01005	0.65118	0.19372
LBPR	0.03775	0.61418	0.26707	0.07397	0.01964	0.36885	0.59934	0.17410	0.29437	-0.01385	0.60417	0.13214
INTFL	0.04752	0.89300	0.29438	0.11046	0.03468	0.46021	0.78388	0.28391	0.35589	-0.03007	0.78777	0.13301
INTW	0.04379	0.76761	0.28234	0.09778	0.03242	0.42487	0.71559	0.21906	0.33227	-0.01018	0.71569	0.16556
VARGS	0.00018	0.01877	-0.00668	0.00380	0.00287	0.00111	0.00865	0.00574	0.00034	-0.00038	0.00824	0.00992
VARGR	0.01906	0.11612	0.13186	0.03866	0.01097	0.18502	0.30885	0.08977	0.11859	-0.00760	0.30712	0.07024
SHIWL	-0.02184	-0.36165	-0.12131	-0.04621	-0.01249	-0.21273	-0.34919	-0.10775	-0.16996	0.00871	-0.35181	-0.08025
LNMDRL	-0.02911	-0.35598	-0.16492	-0.07492	-0.02954	-0.28070	-0.49252	-0.15979	-0.22220	0.01287	-0.49401	-0.15010
LNHLRL	-0.03275	-0.60961	-0.19340	-0.08005	-0.03046	-0.31637	-0.54802	-0.14805	-0.25008	0.01020	-0.54532	-0.15997
LNMDL	-0.00206	-0.03511	-0.01362	-0.00445	-0.00140	-0.02001	-0.03340	-0.01009	-0.01595	0.00064	-0.03361	-0.00833
APKAN	0.02517	0.41336	0.17809	0.05017	0.01378	0.24529	0.40101	0.11728	0.19602	-0.00549	0.40412	0.09240
APKPS	-0.02729	-0.36013	-0.15895	-0.04310	-0.01116	-0.21743	-0.33228	-0.10203	-0.17397	0.00873	-0.35990	-0.01566
BSAN	0.02137	0.42907	0.11065	0.05954	0.02534	0.20527	0.36927	0.12379	0.16190	-0.00981	0.36980	0.12243
BSFS	0.01099	0.26443	0.03905	0.04013	0.00069	0.10387	0.20599	0.07723	0.08068	-0.00575	0.20507	0.08859
SVINS	0.00706	0.10545	0.05469	0.01179	0.00202	0.02923	0.10867	0.02964	0.05964	-0.00262	0.10983	0.01919
RSECV	-0.01632	-0.45087	-0.02299	-0.07223	-0.04090	-0.15199	-0.32727	-0.13871	-0.16337	0.00960	-0.32933	-0.16563
PINDV	-0.01343	-0.19728	-0.13599	-0.01856	-0.00138	-0.15950	-0.23520	-0.05049	-0.12348	0.00515	-0.22863	-0.02251
PTLLN	0.01774	0.21597	0.18176	0.18499	-0.00347	0.17571	0.23496	0.05930	0.14262	-0.00713	0.23920	0.01957
INTLN	0.00262	0.04095	0.01934	0.00677	0.00107	0.02559	0.04096	0.01156	0.02051	-0.00100	0.04134	0.00820
NFLOR	0.04095	0.86185	0.19081	0.12327	0.05955	0.33160	0.74296	0.28028	0.30765	-0.01897	0.72289	0.29923
CORLLN	0.01934	0.19081	0.19861	0.01101	-0.01159	0.11333	0.26153	0.05081	0.15810	-0.00549	0.26736	0.00479
CORLHO	0.00877	0.12327	0.01101	0.01928	0.01046	0.09478	0.09253	0.03613	0.03954	-0.00266	0.09193	0.02341
CORTHO	0.00107	0.05955	-0.01159	0.01046	0.00728	0.00900	0.01120	0.01688	0.00612	-0.00106	0.03030	0.00278
STNKLLOL	0.02559	0.39160	0.19333	0.04678	0.00980	0.25042	0.39717	0.11036	0.20098	-0.00955	0.40111	0.07512
STBLN	0.04096	0.72298	0.26133	0.05955	0.03120	0.39717	0.61112	0.20645	0.31607	-0.01709	0.61482	0.17652
STBHO	0.01156	0.25048	0.05081	0.03515	0.01698	0.11036	0.20645	0.07260	0.08652	-0.00562	0.20625	0.07686
ACKXLN	0.00205	0.03765	0.15810	0.03454	0.00612	0.20098	0.31607	0.08652	0.16187	-0.00762	0.31940	0.05695
ACKMHO	-0.00100	-0.01191	-0.00349	-0.00266	-0.00108	-0.00965	-0.01709	-0.00562	-0.00762	0.00045	-0.01131	-0.00519
HYFAC	0.04134	0.72284	0.26736	0.09193	0.03030	0.40111	0.67082	0.20625	0.31940	-0.01713	0.67874	0.17415
CRKXHO	0.00820	0.29923	-0.00479	0.04310	0.02528	0.07512	0.17652	0.07666	0.25655	-0.00539	0.17415	0.10241
CRKXHO	-0.00730	-0.02392	-0.00327	-0.00327	-0.00032	-0.00509	-0.00620	-0.00509	-0.00620	0.00000	-0.00620	-0.00509
INTMFLD	0.04130	-0.88905	-0.18429	-0.12807	-0.02946	-0.39439	-0.73590	-0.25778	-0.30932	0.01998	-0.73498	-0.27166
INTLM	0.04511	0.72546	0.32330	0.06657	0.02806	0.44011	0.71508	0.20541	0.34624	-0.01761	0.71907	0.15099
OBLLR	0.02867	0.32527	0.25972	0.03140	-0.00501	0.28397	0.41338	0.09693	0.23031	-0.00933	0.42013	0.03367
INTLMR	0.01883	0.12204	0.28661	-0.05004	-0.05597	0.15854	0.10147	-0.04634	0.13704	0.00041	0.11323	-0.16132
INTLMR	0.01780	0.11096	0.26513	0.00134	-0.01859	0.17571	0.22818	0.03279	0.14819	-0.00028	0.22077	-0.03001
ACLRL	0.02231	0.33838	0.17017	0.03837	0.00730	0.21852	0.34522	0.09527	0.17946	-0.00836	0.34874	0.06360
CORLMR	0.05154	0.89570	0.23217	0.13347	0.03681	0.50632	0.89313	0.29543	0.59655	-0.02128	0.84837	0.21589
STLLR	0.03967	0.75872	0.28705	0.10109	0.03941	0.38261	0.66926	0.21623	0.30303	-0.01749	0.67182	0.20771
TFLPLR	-0.04671	-0.66895	-0.30554	-0.11205	-0.03870	-0.47204	-0.80134	-0.24836	-0.37539	0.02048	-0.80570	-0.21525
INTLMR	0.00114	0.11861	0.00397	0.01913	0.01163	0.03837	0.09638	0.03462	0.09297	-0.00250	0.08349	0.04420
INTLMR	0.04345	0.85956	0.23122	0.11829	0.04930	0.41775	0.70599	0.24772	0.32964	-0.01972	0.74740	0.24167

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	CRMDND	NRMDROFD	IBLNR	OLNR	INVLNR	OLLNR	ACLNR	COLNR	STLLNR	TFLPLR	INFLNR	LRNHR
0.00552	0.09968	-0.08892	-0.04770	0.00014	-0.02244	-0.04232	-0.10703	-0.08752	0.10298	-0.01234	-0.09872	
RACHLEN	0.00376	-0.08202	0.05100	0.01533	-0.04005	-0.00430	0.02200	0.06676	0.06286	-0.06891	0.01279	0.07339
INTNOLN	0.07918	-0.02745	0.02711	0.02616	0.02950	0.27810	0.40290	0.36607	0.76331	-0.59007	0.09189	0.04691
NOR	0.03049	-0.55505	0.33153	0.08923	-0.22548	-0.04344	0.18106	0.45352	0.41994	-0.45366	0.08807	0.49921
IBRN	-0.00551	-0.02052	0.02930	0.27768	-0.19327	0.07495	0.28671	0.70014	0.67648	-0.76999	0.11620	0.77967
ORRN	-0.03023	-0.98300	0.81229	0.40073	-0.11782	0.15977	0.37999	0.99916	0.81643	-0.96810	0.12935	0.95352
JNDRX	-0.07935	-0.66682	0.70960	0.44199	0.20297	0.26702	0.34932	0.81671	0.63364	-0.77394	0.06930	0.67071
PHOL	-0.07118	-0.62130	0.69525	0.40330	0.17653	0.28108	0.33065	0.75651	0.58998	-0.71360	0.05529	0.64258
LBPR	-0.06814	-0.86894	0.82861	0.47355	0.09528	0.25075	0.39987	0.97950	0.70888	-0.93876	0.10123	0.87691
INFL	-0.06776	-0.78052	0.76196	0.44451	0.11708	0.28320	0.34758	0.89565	0.71239	-0.89444	0.08888	0.79386
IAFM	-0.03394	-0.02016	0.00947	-0.00947	-0.00947	-0.00947	0.0075	0.00989	0.01214	-0.01094	0.00810	0.01560
VANUS	-0.04322	-0.32025	0.33004	0.20110	0.07947	0.11777	0.16163	0.38288	0.29944	-0.36351	0.03440	0.33022
VANHS	-0.03995	-0.36658	-0.17818	-0.23043	-0.09713	-0.1285	-0.18524	-0.45814	-0.34297	0.41619	-0.03832	-0.37677
IBVRL	0.03277	-0.56839	-0.51052	-0.27581	-0.00543	-0.13156	-0.61344	-0.50028	0.58986	-0.06998	-0.56077	
LMMDRL	0.04111	0.02238	-0.57299	-0.31703	-0.03118	-0.15044	-0.68374	-0.55375	0.62597	-0.07495	-0.62185	
NKMLN	0.00337	0.03597	-0.03577	-0.02119	-0.00659	-0.01189	-0.01740	-0.04193	-0.03035	-0.00002	-0.03675	
NRMDL	-0.06440	-0.41847	0.43939	0.26721	0.11226	0.15813	0.21358	0.50337	0.39298	-0.47775	0.04446	0.83355
AFKPN	0.04070	0.36216	-0.38510	-0.23924	-0.10827	-0.34097	-0.39966	-0.40349	-0.38454	0.30269	-0.03796	-0.37920
APKPS	-0.04843	-0.44007	0.37673	0.19353	-0.02915	0.08278	0.17769	0.45872	0.37985	-0.34803	0.05636	0.83992
BSAN	0.00230	-0.27383	0.19762	0.06075	-0.08442	0.01363	0.08229	0.22340	0.22120	-0.24074	0.02942	0.25679
BSPS	-0.01586	-0.10599	0.12126	0.07951	0.04798	0.09136	0.04045	0.13706	0.10006	-0.12004	0.00965	0.11319
SVIKS	-0.01907	-0.06993	-0.29682	-0.09494	0.21767	0.01823	-0.12981	-0.39954	-0.32686	0.39716	-0.07241	-0.42809
NSECV	0.04359	0.12558	-0.26193	-0.18791	-0.15729	-0.13407	-0.13362	-0.28614	-0.20774	0.25006	-0.01387	-0.22005
PIRWY	-0.03599	-0.21513	0.30022	0.22070	0.19802	0.16131	0.15816	0.32667	0.23267	-0.30779	0.01336	0.26501
PILLN	-0.00518	-0.04130	0.09511	0.02867	0.01483	0.01780	0.02231	0.09154	0.03967	-0.04871	0.00614	0.04349
INTLN	-0.02392	-0.88905	0.72946	0.35245	-0.12304	0.13054	0.33838	0.89570	0.75272	-0.85895	0.11807	0.85956
WFLOR	-0.06977	-0.18391	0.32330	0.25972	0.28661	0.20533	0.17017	0.03511	0.22705	-0.30654	0.00393	0.23122
CORLNL	0.00327	-0.12907	0.08957	0.03105	-0.09004	0.00034	0.03837	0.11341	0.10104	-0.11205	0.01913	0.11829
CORLND	0.00332	0.05944	0.04001	-0.00607	-0.05967	-0.01825	0.00730	0.03681	0.03941	-0.03870	0.01103	0.04330
STRXLRL	-0.05488	-0.39435	0.40011	0.28397	0.15859	0.19771	0.21852	0.50032	0.38661	-0.47024	0.01637	0.41775
STBLN	-0.06201	-0.73558	0.71308	0.41338	0.10187	0.22418	0.34582	0.83933	0.68926	-0.80751	0.08434	0.74596
STBD	-0.05099	-0.29778	0.20943	0.09693	0.04424	0.02279	0.09257	0.25943	0.21623	-0.34836	0.03885	0.28772
ACKMLN	-0.04568	-0.30932	0.35924	0.23031	0.13704	0.18819	0.17546	0.39855	0.30300	-0.37529	0.02927	0.32994
ACKMD	-0.01013	-0.01908	-0.01761	-0.00033	0.00041	-0.00045	-0.00816	-0.02126	-0.01761	0.02048	-0.00590	0.01972
IVFAN	-0.06482	-0.73498	0.71907	0.42013	0.11323	0.23077	0.34874	0.64843	0.67742	-0.80570	0.06349	0.74740
CRMDND	0.01839	-0.27166	-0.15299	0.03367	-0.16132	-0.03001	-0.06388	0.21399	0.20171	-0.23525	0.04620	0.28147
CRMDND	0.02724	0.01951	-0.08711	-0.08871	-0.12591	-0.16735	-0.04871	-0.08191	-0.04962	0.07132	0.00586	0.00087
NRMDROFD	0.01951	0.01542	-0.73330	-0.38827	0.15134	-0.12035	-0.34050	0.10104	0.76942	0.88472	-0.23119	-0.88085
IBLNR	0.06731	0.73330	0.77899	0.48959	0.238	0.29351	0.33355	0.89604	0.69534	-0.88992	0.07602	0.76467
OLNR	-0.04471	-0.74827	0.62539	0.35223	0.31853	0.25082	0.28900	0.52619	0.37780	-0.48778	0.02943	0.39881
INVLNR	-0.12591	0.15134	0.22387	0.31453	0.66670	0.33535	0.14327	0.14996	0.01491	-0.10632	-0.05719	-0.03922
OLLNR	-0.07635	-0.12075	0.20361	0.28482	0.33515	0.21862	0.15880	0.28139	0.18237	-0.26065	-0.07113	0.17661
ACLNR	-0.04771	-0.34950	0.38395	0.24900	0.14327	0.15880	0.19072	0.43507	0.33182	-0.41017	0.03272	0.36100
COLNR	-0.06161	-0.91034	0.89604	0.52619	0.14996	0.29138	0.43507	1.05094	0.82303	-1.00790	0.10277	0.92740
STLLNR	-0.05092	-0.72892	0.69294	0.37780	0.01993	0.18237	0.33182	0.81905	0.67919	-0.80153	0.09819	0.76088
TFLPLR	0.07112	0.08472	-0.88892	-0.48778	-0.10632	-0.26065	-0.10717	-1.00790	-0.80713	0.95766	-0.10297	-0.89953
INFLNR	0.05086	-0.12319	0.07602	0.02243	-0.06119	-0.07113	-0.02272	0.09051	0.10277	-0.10241	0.11155	
LRNHR	-0.04087	-0.08085	0.76467	0.39881	-0.03922	0.17661	0.36180	0.92740	0.76468	-0.89433	0.11159	0.86579

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLNL	NBR	IBRW	DBRW	INHW	PHWL	LBWP	INFL	INFW	VANGS	VANGH
RACHLEN	1.00593	0.63700	0.03211	0.09815	0.07572	0.10062	0.07281	0.03549	0.08166	0.11606	0.04169	-0.02231
INTNDLNL	0.63700	1.00784	0.02305	0.10094	0.07602	0.05956	-0.05969	-0.02248	-0.03562	0.07629	-0.07115	
NBR	0.03211	0.02305	1.00875	0.07251	0.12139	0.20006	0.09709	0.04383	0.27241	0.18730	0.14954	0.13023
IBRW	0.09815	0.10094	0.07251	1.00751	0.14729	0.18567	-0.00159	0.00007	0.03996	0.10182	0.02663	-0.06050
DBRW	0.07572	0.07602	0.12139	0.14729	1.00751	0.18567	-0.00159	0.00007	0.03996	0.10182	0.02663	-0.06050
INHW	0.10062	0.05956	0.20006	0.18567	0.18567	1.00751	0.29335	0.09777	0.09494	0.25615	0.25637	0.00950
PHWL	0.07281	-0.05969	0.09709	-0.00159	0.18567	0.29335	1.00751	0.57388	0.20511	0.13414	0.13475	-0.01511
LBWP	0.03549	-0.02248	0.04383	0.00007	0.18567	0.09494	0.20511	1.00751	0.64160	0.12947	0.05949	0.05328
INFL	0.08166	-0.03562	0.27241	0.09956	0.20175	0.25635	0.13414	0.12947	1.00751	0.39018	0.28053	0.05002
INFW	0.11606	-0.07115	0.14954	0.02663	0.10182	0.06950	-0.01131	0.05328	0.05002	1.00751	0.07240	0.10182
VANGS	0.04169	0.02663	0.10182	0.06950	0.10182	0.06950	-0.01131	0.05328	0.05002	0.07240	1.00751	0.10182
VANGH	-0.02231	-0.06050	0.13023	-0.06050	-0.06050	0.00000	-0.00000	-0.00000	-0.00000	0.10182	0.10182	1.00751
SHLNL	-0.02231	-0.06050	0.13023	-0.06050	-0.06050	0.00000	-0.00000	-0.00000	-0.00000	0.10182	0.10182	1.00751
HLNDR	-0.12966	0.14894	0.07313	0.02405	0.06505	0.02043	0.05298	0.07476	0.03311	-0.02922	-0.00423	-0.17102
HLNL	0.06505	0.10978	0.05950	0.05136	-0.00552	-0.04202	-0.10074	-0.05200	-0.07910	-0.11853	0.00361	0.00318
NHNDL	0.19054	0.25991	0.14130	0.02344	-0.08078	-0.06498	-0.15769	-0.12008	-0.12308	-0.09439	0.08992	0.16238
APKAN	0.03870	0.09815	0.06079	0.07309	-0.08972	-0.01990	-0.06120	-0.06266	-0.03574	0.03704	0.07797	0.05736
APKPS	-0.01787	-0.02018	0.16175	-0.04103	-0.05943	-0.00734	0.01051	0.06434	-0.02166	-0.00951	0.04675	-0.03330
BSAP	0.05943	0.08862	0.05509	-0.00315	0.04617	0.10674	0.02077	0.05950	0.12070	0.11925	0.16714	0.26789
BSFS	0.06943	0.04964	0.14513	0.10201	0.09948	-0.15422	0.19996	0.16328	0.12702	0.26401	0.23928	0.31937
SVINS	0.05381	0.04267	0.03977	-0.04825	-0.02799	0.01288	-0.01187	-0.03916	-0.00668	0.04884	0.31374	0.18570
ISECCV	-0.06088	0.06269	0.00981	0.03569	-0.02192	-0.01902	-0.08821	0.01140	-0.04024	-0.05138	0.13371	0.20930
PIHEV	0.10271	0.25049	-0.05716	0.00516	-0.02807	-0.08262	-0.01263	-0.06697	-0.11831	0.12810	0.09926	-0.06982
PIHEV	0.13757	0.04746	0.04621	0.06002	0.09009	0.09079	0.04317	-0.08279	0.07470	0.07177	-0.04961	-0.17952
INTNL	0.16216	0.09506	-0.06646	0.04485	-0.05065	-0.00848	-0.07880	0.05963	-0.05022	-0.02081	-0.05753	0.06804
INFLR	0.07638	0.06282	0.16621	0.06998	0.08142	0.24212	0.12527	0.10609	0.21294	0.23267	0.09983	0.06029
CORLNL	0.06960	0.16919	0.11971	0.06057	-0.01483	0.13433	-0.00618	0.03274	0.18977	0.12128	0.00827	0.00830
CORLND	-0.13635	-0.08946	0.07043	0.13990	0.08188	0.05068	0.00216	0.10365	0.10686	-0.06768	0.01076	0.01076
CORTWD	0.02988	-0.02243	0.02981	0.05359	0.04063	0.02811	0.03059	-0.16714	0.10838	0.06569	-0.17799	-0.06659
STRKLOL	0.09031	0.19707	0.12816	0.19448	-0.00538	0.09335	0.03396	-0.04197	0.11660	0.05904	0.12972	-0.02606
STBLN	0.04430	-0.09353	0.13117	0.05061	-0.13132	0.15874	0.06632	0.07645	0.29981	0.18376	0.04309	0.11320
STBHD	0.17324	0.14747	0.18304	0.12447	0.04596	0.10549	0.05145	0.02015	0.13490	0.18502	-0.00985	-0.06279
ACHNML	0.13122	-0.10904	0.18743	0.03009	0.15719	0.25992	0.18885	0.14602	0.42199	0.00165	0.01616	0.01616
ACHNMD	-0.01206	-0.15979	0.10992	0.21577	0.19436	0.16904	0.08920	-0.00011	0.24473	0.20993	0.05890	0.11232
NVAPC	-0.07076	-0.06158	0.03015	0.11883	0.12711	0.04874	0.09071	0.08626	0.06807	0.06012	-0.00077	-0.06913
CRNMD	-0.12860	0.21844	0.09713	0.30957	0.00288	0.17098	0.06188	-0.00061	0.16169	0.20711	0.01882	-0.09809
CRNMD	-0.05641	-0.06353	-0.02508	0.07236	-0.08742	-0.00010	-0.02375	-0.05947	-0.09518	0.02822	0.10909	-0.03670
BLN-FHD	0.37119	0.19129	-0.08864	-0.27767	0.30587	-0.11330	-0.06929	-0.02808	-0.12107	-0.07260	-0.00726	-0.06010
BLN	-0.16111	-0.04625	0.17608	-0.33923	0.11194	0.10878	0.16716	0.11256	0.24064	0.10634	0.00303	0.00907
OBLN	-0.05052	-0.07288	0.09899	-0.22137	0.22359	-0.01367	0.09549	0.07359	0.07651	0.04173	0.05674	0.03800
INFLR	-0.11632	0.11958	0.12106	-0.19768	-0.04950	-0.25252	0.01940	0.05915	0.09899	-0.14646	0.01749	0.11657
CALLMR	0.11687	0.17137	0.10121	-0.10553	-0.06431	0.11161	-0.09944	-0.01824	0.13161	0.03918	0.03514	0.00182
ACLMR	0.19599	-0.02708	0.14944	-0.08466	0.07909	0.19103	0.15493	0.15202	0.35139	0.35374	0.02574	0.06141
CORLMR	0.07709	-0.04809	0.16153	-0.02888	0.15273	0.17782	0.06259	0.13558	0.37116	0.10766	0.02660	0.05612
STLLR	0.00832	-0.15011	0.10867	-0.02161	0.19026	0.13238	0.11048	0.19099	0.24841	0.17952	-0.23899	0.02494
YFLR	-0.10643	-0.05323	0.05323	-0.26609	-0.08893	-0.02308	-0.06571	-0.16175	0.00157	0.05795	0.00433	-0.03976
INFLNR	-0.07737	0.04231	0.11827	-0.02380	0.09883	-0.04007	-0.07773	0.10924	0.13422	-0.03956	0.04019	0.07164
LNFRH	-0.06641	0.04495	0.13601	0.10802	0.16127	0.18449	0.18925	0.03313	0.19803	0.11610	0.05470	0.06416

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VARIABLE	SHHL	LMDRL	KHLHL	KHMDL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLN	-0.03268	-0.12966	0.08203	0.19054	-0.03870	-0.07187	0.09543	0.06983	-0.05381	-0.00088	0.16271	0.13757
INTHOLN	-0.07214	-0.14894	0.10978	0.25891	0.09815	-0.02018	0.08062	0.04968	0.04267	0.02629	0.23049	0.04746
NBR	0.09529	0.07313	-0.05970	-0.14130	0.00479	0.16175	0.03509	0.15573	0.03977	0.00981	-0.05716	0.04021
IBRM	0.12300	0.03005	0.05136	0.00344	0.07309	-0.09103	-0.00315	0.01201	-0.00825	0.03569	0.00556	0.00002
ORRM	0.09526	0.06505	-0.00522	-0.08018	-0.06572	-0.05943	0.04617	0.00898	-0.02799	-0.02192	-0.02927	0.09909
JMRM	0.09017	0.02043	-0.04202	-0.06498	-0.01990	-0.00734	0.10674	0.15422	0.01284	-0.01902	-0.08262	0.00919
PKWL	0.05346	0.02598	-0.10074	-0.15769	-0.04120	0.01021	0.00077	0.16996	-0.07167	-0.00251	-0.03263	0.04317
LARP	0.12043	0.07478	-0.03201	-0.12008	-0.09266	0.06434	0.06550	0.16328	-0.03936	0.01140	-0.06697	-0.08279
INFL	0.10848	0.03311	-0.07910	-0.12308	-0.03574	-0.00166	0.10070	0.16032	-0.00668	-0.00804	-0.11831	0.07949
INFW	0.02677	-0.02922	-0.11853	-0.09439	0.03704	-0.00451	0.11925	0.14601	0.04884	-0.05138	-0.12610	0.01877
VANDS	0.00960	-0.08923	0.00361	0.08992	0.07797	0.00175	0.16714	0.23968	0.13374	0.13371	0.09926	-0.04861
VANDS	-0.03749	-0.17102	0.00338	0.16234	0.05716	-0.03330	0.26789	0.31917	0.10570	0.00430	-0.04922	-0.17952
SHHL	0.88817	0.62267	0.16100	-0.47820	-0.21836	-0.18841	-0.19917	0.23590	-0.20649	0.00349	-0.08158	0.09773
LMDRL	0.62267	0.76259	0.22332	-0.52123	-0.29646	-0.07329	-0.42831	-0.05018	-0.20078	0.08133	-0.06815	0.13455
KHLHL	0.16100	0.22332	0.10608	0.47086	0.20950	0.10649	-0.00481	0.09215	-0.11840	0.28708	0.15800	0.30000
KHMDL	-0.47820	-0.52123	0.47086	0.10187	0.12671	0.17124	0.44145	0.21180	0.07394	0.19020	0.21968	0.17026
APKAN	0.12136	0.22946	-0.22050	0.12271	0.84784	-0.31827	0.08946	-0.06643	0.13960	-0.08829	0.14353	-0.13215
APKPS	-0.18841	-0.07329	0.10449	0.17124	-0.31827	0.84784	-0.05172	-0.05986	0.05986	0.03985	-0.02453	0.09419
BSAN	-0.19917	-0.42831	-0.00481	0.44145	0.08946	-0.05172	0.86761	0.49336	0.19592	0.11158	0.01093	-0.10117
BSPS	0.23590	-0.05018	0.09215	0.12140	-0.06643	-0.05172	0.49336	0.99621	0.04873	0.18936	-0.03695	-0.11311
SVINS	-0.20689	-0.20078	-0.11880	0.07394	0.19592	0.19592	0.19592	0.04873	0.00506	0.20063	-0.10819	-0.16233
NSECV	0.00349	0.08133	0.26708	0.19020	-0.08829	0.03985	0.11158	0.19592	0.20063	0.82814	-0.2059	0.13626
PINSV	-0.08158	-0.06815	0.15800	0.21968	0.14353	-0.02453	0.01093	-0.03695	-0.10819	-0.1059	0.06484	0.05106
PTLLN	0.09773	0.13455	0.30000	0.17026	-0.13215	0.09419	-0.10117	-0.11311	-0.16233	0.13626	0.05106	0.92031
INTLN	-0.07925	-0.02244	0.21941	0.28902	-0.00712	0.09846	0.06009	0.03022	0.01202	0.06881	0.05373	-0.03008
NTLOR	0.07205	0.04214	-0.02676	-0.07410	-0.09632	0.13368	0.18075	0.20527	0.01066	-0.01028	-0.10201	-0.01747
CORLLN	-0.12247	-0.13397	-0.02018	0.19930	0.08591	0.03974	0.21603	0.10710	0.10107	0.04025	0.06493	0.06018
CORLMD	-0.07740	-0.10332	-0.07796	0.03164	0.11138	-0.05943	0.12219	0.17507	-0.07021	0.02857	-0.04194	-0.03049
CORLMD	-0.06446	-0.06790	0.11963	0.08891	0.04414	-0.07408	0.08909	0.09713	-0.12226	-0.03708	0.00223	0.14395
STKMLD	-0.02503	-0.03817	0.03906	0.06075	-0.01835	0.07131	-0.04640	-0.12973	0.05473	0.01883	0.10072	-0.03131
STKLL	0.02918	0.00836	-0.07004	-0.09180	0.01913	-0.01826	0.05605	0.03891	0.03460	-0.05348	-0.01318	0.00861
STBHD	0.04216	-0.04922	-0.04829	-0.00371	0.16251	-0.04643	0.05158	0.10896	-0.04678	-0.11458	0.09919	0.07144
ACRMD	0.11669	0.00002	-0.12181	-0.15749	-0.06758	0.00897	0.16657	0.21083	-0.05691	-0.07457	-0.25720	0.04829
ACRMD	0.16926	0.07217	-0.02141	-0.08417	0.02095	-0.17577	0.08046	0.08542	0.04878	0.05002	-0.14945	0.13692
RVPAC	-0.01542	-0.01199	-0.07106	-0.03435	0.05685	-0.13124	-0.03930	-0.10039	-0.03127	-0.08641	0.01006	-0.03003
CRMD	-0.00730	-0.11446	-0.02610	0.03941	0.16413	-0.03766	0.18158	0.07598	0.00000	0.00000	0.10006	-0.00000
ORMD	0.00810	-0.06163	0.09442	0.11442	-0.06385	-0.02250	0.06444	0.11570	-0.03892	0.08000	0.00000	-0.03539
ORMD	-0.03281	-0.08830	0.10042	0.13380	-0.00469	0.00327	-0.07148	-0.04501	0.03254	0.03569	0.06733	0.05996
ISLWR	0.03604	0.02502	-0.07053	-0.11349	-0.06951	0.02761	0.12740	0.10100	0.11123	-0.05983	-0.04980	0.04511
ISLWR	-0.01637	0.01633	-0.02219	-0.00934	-0.17758	0.13381	0.05698	0.12996	-0.04122	-0.05861	-0.05239	-0.05612
ISLWR	0.04667	0.03461	-0.00997	-0.04215	-0.05280	0.06389	0.02596	-0.00304	-0.00499	0.06217	-0.00884	0.11079
ISLWR	-0.07361	-0.06962	0.02801	0.08655	0.00890	0.07862	0.15616	0.03261	0.13366	0.05978	0.07555	0.07653
ISLWR	0.06238	0.01220	-0.12849	-0.14195	-0.08126	0.09759	0.09451	0.18390	-0.02561	-0.12601	-0.19666	0.00784
ISLWR	0.05570	0.04239	-0.05638	-0.10669	-0.04190	0.00004	0.02941	0.09766	-0.00865	-0.02366	-0.04321	0.04154
ISLWR	0.06677	0.01991	-0.11638	-0.13816	0.02930	-0.05561	0.13564	0.17825	-0.00804	0.07782	-0.11493	0.00031
ISLWR	-0.00509	-0.03846	-0.05784	0.00751	0.02067	0.02794	-0.01283	-0.00488	0.01303	-0.04525	-0.03346	-0.03514
ISLWR	-0.11746	-0.13271	-0.10975	-0.10327	-0.12118	0.00680	-0.09074	-0.07682	-0.00318	0.05184	0.05634	-0.07779
ISLWR	0.00096	-0.01930	-0.08084	-0.05065	0.01426	0.00522	0.11047	0.11031	0.00230	-0.04578	-0.02429	-0.04903

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TABLE	INTLN	NFLDR	COLLNL	CORLND	CORTMD	STNKLCL	STBLN	STWMD	ACKLNL	ACKWMD	NYPAC	CRKWD
CHLEN	0.16216	0.07638	0.06960	-0.13555	0.02986	0.09031	0.04430	0.17324	0.13122	-0.01205	-0.07076	0.12868
TNDLN	0.09506	0.00242	0.10919	-0.08946	-0.02243	0.19707	-0.09353	0.13747	-0.10084	-0.15979	-0.00158	0.22194
RM	-0.05686	0.16621	0.13971	0.07493	0.02981	0.12836	0.13017	0.18304	0.18743	0.10992	0.03015	0.09713
RM	0.04485	-0.08598	-0.06097	-0.13990	0.02550	0.12849	0.05061	0.12947	0.03009	0.21577	0.11881	0.30057
RM	-0.05685	0.15436	-0.01823	0.05188	0.04063	-0.00538	0.14312	0.04596	0.16719	0.19436	0.12711	0.05258
RM	-0.00848	0.24919	0.12433	0.05068	0.02811	0.09335	0.15274	0.10854	0.25920	0.16904	0.04874	0.17058
DEL	-0.07801	0.12557	-0.00618	0.13434	-0.03099	-0.03296	0.08632	0.05145	0.17883	0.08920	0.00071	0.02189
RP	0.05963	0.10609	-0.03274	0.00216	-0.16714	-0.04197	0.07845	0.00216	0.13602	-0.00011	0.05626	-0.09094
FL	-0.25652	0.21244	0.18977	0.10265	0.10838	0.11660	0.25991	0.13490	0.44220	0.24473	0.05807	0.14169
RLN	0.05041	0.24661	0.12124	0.14006	0.06589	0.05004	0.18176	0.18502	0.32158	0.26995	0.05012	0.20711
NCS	-0.02783	0.00983	0.00287	-0.06768	-0.17599	0.12973	0.04309	-0.00925	0.10010	-0.05890	-0.00077	0.07482
NGB	-0.08824	0.04025	0.00830	0.01076	-0.06659	0.02606	0.11230	-0.06878	0.01816	0.11232	-0.06891	-0.02849
UIL	-0.07925	0.07305	-0.12847	-0.07740	-0.04646	-0.02103	0.02936	0.04216	0.11659	0.16226	-0.01502	-0.00730
WDL	-0.02244	0.04214	-0.11357	-0.10332	0.06790	-0.03817	-0.00836	-0.04522	0.04002	0.07277	-0.01159	-0.11446
LAL	0.21941	-0.02716	-0.02018	-0.07796	0.01963	0.03508	-0.07004	-0.04245	-0.12181	-0.02141	-0.07108	-0.02610
XAN	-0.28502	-0.07410	0.10930	0.03156	0.08891	0.06075	-0.09184	-0.00371	-0.15749	-0.08417	-0.04345	0.09341
KPS	-0.00712	-0.09632	0.08591	0.11138	0.04414	-0.01835	0.04193	0.16251	-0.06758	0.02099	0.03865	0.18413
AN	0.09846	0.03368	0.03974	-0.00913	-0.07408	0.07131	-0.01826	-0.04053	0.00897	-0.15757	-0.11364	-0.07768
AN	0.06009	0.12875	0.21603	0.13219	0.08909	-0.03640	0.06905	0.05132	0.12657	0.08066	-0.03930	0.12418
PCV	0.03022	0.20527	0.10730	0.11507	0.09713	-0.12873	0.03891	0.10098	0.21083	0.05362	-0.10039	0.18198
HIS	0.01202	0.01066	0.10107	-0.07031	-0.12208	0.09473	0.03480	-0.06478	-0.05691	-0.06878	-0.01527	0.00020
NAV	0.06841	-0.10108	0.04025	0.02857	-0.03708	0.01883	-0.05944	-0.11458	-0.07457	0.06802	-0.08641	0.00816
NSV	0.09373	-0.10201	0.06493	-0.04194	0.00223	0.10072	0.03538	0.09979	-0.25720	-0.14945	0.01006	-0.10046
LLN	-0.03008	-0.01747	0.06018	-0.03084	-0.18392	-0.02171	0.06467	0.00823	0.20548	0.01441	-0.00460	-0.03359
TLN	1.01182	-0.03932	0.06003	-0.11329	-0.07032	-0.07909	-0.00846	-0.02505	0.00992	0.12175	-0.02909	0.05986
LDR	-0.03332	0.42561	0.03460	-0.01691	0.00050	-0.04906	0.06031	0.03172	0.20548	0.01441	-0.00460	-0.03359
RLND	0.06003	0.03660	0.01930	0.35665	0.37003	0.21682	0.11211	0.17390	0.15047	0.18097	0.01897	0.26760
RLND	-0.11329	-0.01691	0.35665	1.00051	0.50012	0.07761	-0.00081	0.29089	0.10951	0.32972	0.19810	0.40728
RLND	-0.07032	0.00050	0.37003	0.50012	1.00885	0.00551	0.16898	0.32461	0.15713	0.34376	0.07407	0.20778
STNKLCL	-0.07909	-0.04906	0.21882	0.07741	0.08591	0.84325	0.12314	0.13991	0.01245	0.09911	0.06394	0.26882
BLN	-0.09446	0.06031	0.11211	-0.00481	0.16858	0.12314	0.25706	0.09275	0.32793	0.22226	0.09552	0.15449
BLN	-0.02905	0.01172	0.17390	0.20408	0.13561	0.13991	0.09275	0.32793	0.12375	0.15179	0.15119	0.17085
APVJL	0.00992	0.20904	0.15047	0.10931	0.15713	0.01205	0.32793	0.12375	0.90376	0.43810	0.01927	0.18287
POVMD	-0.12175	0.01141	0.16097	0.32972	0.34376	0.09911	0.22226	0.15179	0.43810	1.01320	0.11631	0.33209
PAC	0.02909	-0.00860	0.01887	0.19810	0.07447	0.06324	0.09492	0.13519	0.01267	0.11631	0.25187	0.20305
INWMD	0.05986	-0.03359	0.26760	0.40728	0.29274	0.26882	0.14349	0.87095	0.14287	0.33208	0.20305	0.94394
INWMD	0.15495	-0.09079	0.17199	0.35536	0.22350	0.15304	0.03177	0.23817	0.14831	1.60988	0.08048	0.42415
NOVMD	0.11882	-0.06312	-0.02399	-0.02210	0.00133	-0.02521	-0.06240	0.00736	-0.07590	0.02907	-0.08268	-0.04341
LWR	-0.09038	0.15794	0.12934	0.00744	0.01305	0.00575	0.14492	0.16824	0.23259	0.02315	-0.01154	0.07015
LWR	0.00318	0.09008	0.01703	-0.02111	0.00261	-0.03905	0.07672	-0.03426	0.09315	-0.13805	-0.03313	-0.10815
VLWR	-0.06042	-0.10874	0.07933	0.01319	0.02566	0.02427	0.05210	-0.06253	0.01372	-0.00290	-0.00090	-0.12240
VLWR	0.12745	0.05501	0.02907	-0.23226	0.08307	0.17595	0.11523	0.03583	0.07427	-0.01590	0.10349	0.03725
VLWR	0.07662	0.21555	0.06241	-0.05064	-0.01356	-0.05771	0.24287	0.07112	0.76051	-0.06030	-0.01028	-0.01164
RLWR	-0.02818	0.16191	0.08228	-0.04377	0.01600	0.04710	0.17275	-0.01868	0.20370	0.04377	0.00675	0.74527
LLWR	-0.00549	0.20264	0.03455	0.07547	0.09961	-0.11667	0.16047	0.08542	0.30602	0.11680	0.04513	-0.01908
FLWR	0.06667	-0.01107	-0.03131	0.00300	0.08432	-0.06469	0.04009	0.03256	0.28750	0.13359	0.05266	0.00780
FLWR	-0.01313	-0.11703	0.09304	-0.09341	0.01439	0.13879	0.08527	-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

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VARIABLE	CRHND	NHNOFHD	ISLWR	OBLWR	INVLWR	GRLLWR	ACLWR	CORLWR	STLBR	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
INTDNLN	0.04353	0.19123	-0.04635	-0.07248	-0.11298	0.17137	-0.02708	-0.04884	-0.13011	-0.03254	0.02231	0.01455
NDH	-0.02908	-0.08861	0.17698	0.04969	0.13106	0.10121	0.14548	0.16153	0.10867	-0.03323	0.11627	0.13601
IBH	0.01236	-0.07761	-0.31913	-0.32137	-0.19768	-0.01093	-0.08866	-0.02283	-0.05161	-0.06668	-0.02380	0.10802
GRH	-0.04762	-0.10587	0.11194	-0.22339	-0.04250	-0.06431	0.07809	0.15273	0.19026	-0.04893	0.09883	0.16127
FRHMD	-0.00010	-0.11330	0.02678	-0.01867	-0.12222	0.11161	0.19103	0.12782	0.12328	-0.02308	-0.04007	0.18449
PHL	-0.06372	-0.06229	0.07676	-0.05509	0.01940	-0.09944	0.15493	0.05297	0.17048	0.06673	-0.03775	0.18525
LBPR	-0.09447	-0.02808	0.11256	0.07329	0.03515	-0.03828	0.15902	0.13558	0.19099	-0.01675	0.10924	0.05313
INFL	-0.09516	-0.12107	0.24064	0.07661	0.09899	0.13161	0.35139	0.23716	0.24051	-0.00157	0.13422	0.19003
INFW	-0.02102	-0.07660	0.10636	0.04173	0.14846	0.03918	0.35374	0.10766	0.17563	0.02795	-0.04966	0.11810
VANGS	0.10205	-0.00777	0.00303	0.09570	0.01789	0.03514	0.02578	0.00260	0.05899	0.00439	0.04019	0.09470
YHGB	-0.03470	-0.07714	0.08907	0.05800	0.11657	0.00182	-0.06163	0.05612	0.02088	-0.03976	0.07164	0.06416
SHLNL	0.00810	-0.03281	0.04384	-0.01637	0.04667	-0.07381	0.04238	0.05570	0.08677	-0.04509	0.13789	0.00056
LNHRL	-0.04163	-0.04830	-0.03502	-0.01633	0.03461	-0.06943	0.01220	0.04239	0.01991	-0.03886	0.13271	-0.01930
KLHL	0.09442	-0.10042	-0.07453	-0.02219	-0.00097	0.03001	-0.12849	-0.05636	-0.11638	-0.02784	0.13975	-0.00084
MMWDL	0.11442	0.13580	-0.11389	-0.00934	-0.04215	0.08655	-0.14195	-0.10669	-0.13416	0.00151	-0.03027	-0.05025
APKAN	0.05385	-0.00465	-0.06591	-0.17758	-0.05280	0.00390	-0.08126	-0.04180	0.02930	0.02007	-0.12118	0.01628
APKPS	-0.05290	0.06327	0.02761	0.13381	0.06189	0.07462	0.09759	0.00008	-0.05561	0.02794	0.00580	-0.00522
BSAN	0.06534	-0.01146	0.12740	0.05658	0.02596	0.12676	0.06431	0.09941	0.13264	-0.01283	0.05074	0.11047
BSPS	0.11570	0.04301	0.13040	0.12996	-0.00304	0.03821	0.18590	0.09766	0.17855	-0.00488	-0.07692	0.11031
SVHNS	-0.03892	0.03248	0.01123	-0.04122	-0.03099	0.15368	-0.02941	-0.00865	-0.02804	0.01303	-0.00338	0.00230
NSECV	0.08200	0.04569	-0.02583	-0.05651	0.05217	0.02978	-0.12601	-0.02306	-0.09785	-0.04525	0.05184	-0.04578
PLNGV	0.14009	0.06733	-0.04890	-0.05329	-0.00884	0.07595	-0.19661	-0.041	-0.11493	-0.05346	0.05634	-0.02489
FTLLN	-0.09359	0.05996	0.00211	-0.05612	0.11179	0.07623	0.00786	0.0415	-0.09031	-0.03914	0.02779	-0.00903
INTLN	0.15495	0.11882	-0.09038	0.00318	-0.06018	0.12743	0.07560	-0.02618	-0.00952	0.06667	-0.01313	-0.00212
NFLDN	-0.09079	-0.08315	0.15754	0.09408	-0.10874	0.05501	0.21556	0.16190	0.20264	-0.01107	-0.11703	0.12805
CORLLN	0.17105	-0.02309	0.12634	0.03783	0.07933	0.02627	0.06828	0.03495	-0.04712	0.02704	0.07920	0.14106
CORLND	0.35536	-0.09210	0.00744	-0.02111	0.01319	-0.23426	-0.05024	-0.04379	0.07547	0.00300	-0.09381	0.10786
CORFHD	0.22350	0.00133	0.01305	0.02261	0.02566	0.08307	-0.01354	0.01600	0.09951	0.04845	0.01429	0.06861
STKOLDL	0.15308	-0.05028	0.00575	-0.03905	0.02427	0.17355	-0.04571	0.04710	-0.11657	-0.06469	0.12879	0.06159
STBLN	-0.03377	-0.06240	0.14492	0.07672	0.05210	0.11923	0.24247	0.12375	0.16047	0.04405	0.05057	0.11095
STBMD	0.23817	0.00738	0.01824	-0.03466	-0.06253	0.05383	0.07112	0.01868	0.05542	0.03256	-0.12139	-0.0615
AKOHL	-0.14431	-0.07590	0.21639	0.09295	0.01372	0.07427	0.76051	0.20510	0.30602	0.28754	-0.03610	0.17437
ACMHLN	0.16498	-0.02907	0.02315	-0.13205	-0.02824	-0.01590	-0.06030	0.04377	0.11640	0.13358	-0.00066	0.09585
RYVAC	0.08484	-0.08888	-0.01154	-0.03133	-0.00090	-0.10349	-0.03028	0.007	-0.06513	-0.05366	0.00344	0.12427
CRHND	0.02615	-0.04361	-0.07015	-0.10815	-0.12440	0.03725	-0.01164	-0.14527	-0.01918	0.00780	-0.15497	0.17102
CRHMD	0.29508	0.00914	-0.13572	-0.01077	0.14808	-0.03663	-0.25092	-0.18841	-0.18624	0.07900	-0.10033	-0.07382
NHNOFHD	0.08914	0.34987	-0.00946	0.02028	0.00726	0.02765	0.06965	-0.09773	0.08162	-0.12148	-0.06385	-0.29003
ISLWR	-0.13572	-0.08946	0.40368	0.19527	0.25020	0.12464	0.24172	0.23912	0.23486	-0.06757	0.19592	0.12046
OBLWR	-0.01071	0.02858	0.19527	0.17195	0.18953	0.04480	0.17140	0.09950	0.11761	0.03258	0.05823	-0.03038
INVLWR	-0.14808	-0.00726	-0.25020	0.18955	0.17158	0.07466	0.03226	0.13739	0.09085	-0.05607	0.43954	-0.01337
GRLLWR	-0.03663	0.02765	0.12464	0.04480	0.07562	0.06475	0.08204	0.10921	0.01829	0.05656	0.15326	0.07370
ACLWR	-0.25092	-0.06945	0.24172	0.17160	0.03226	0.08204	0.08386	0.19801	0.27785	0.20428	-0.04947	0.14742
CORLWR	-0.18941	-0.09773	0.23012	0.09950	0.13739	0.10981	0.19801	0.28989	0.21973	-0.06808	0.19460	0.10863
STLBR	-0.18624	-0.05369	0.23486	0.11761	0.09085	-0.01269	0.27785	0.21973	0.35157	0.02596	0.04404	0.12792
TFLPLR	0.07900	0.12148	-0.06757	0.03556	-0.05007	-0.05036	0.20428	-0.06808	0.02596	0.36214	-0.11195	-0.05032
INFLWR	-0.10033	-0.06385	0.19592	0.08823	0.43954	0.15326	-0.09947	0.19460	0.04404	-0.11195	1.00020	0.10290
LRNFHR	-0.07382	-0.29003	0.12046	-0.03038	-0.01337	0.07370	0.14742	0.10863	0.12792	-0.05032	0.10290	0.42404

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VARIABLE	RACILEN	INTNDLN	NBR	IBRW	OBWR	INMOW	PMOL	LBWP	INFL	INFW	VANGS	VANGD
RACILEN	1.0000	0.5230	-0.0338	0.0599	0.0158	0.0266	0.0174	-0.0153	0.0129	0.0531	0.0400	-0.0477
INTNDLN	0.6230	1.0000	0.0640	0.1388	0.0585	0.1166	-0.0237	0.0072	0.0101	0.0097	-0.0771	-0.0547
NBR	-0.0338	0.0640	1.0000	0.3431	0.5991	0.8080	0.6017	0.5094	0.8722	0.7371	0.1530	0.3651
IBRW	0.0599	0.1388	0.3431	1.0000	0.4919	0.5734	0.5016	3.2310	0.3937	0.3600	0.0391	0.0415
OBWR	0.0158	0.0585	0.5991	0.4919	1.0000	0.7708	0.5615	0.5031	0.7058	0.5211	0.0027	0.1817
INMOW	0.0266	0.1166	0.8080	0.5734	0.7708	1.0000	0.5857	0.5549	0.8906	0.8294	0.0821	0.2780
PMOL	0.0174	-0.0237	0.6017	0.5016	0.5615	0.5549	1.0000	0.5013	0.6391	0.6028	-0.0084	0.1769
LBWP	-0.0153	0.0072	0.5094	0.4919	0.5031	0.5549	0.5013	1.0000	0.5910	0.4874	0.0554	0.1433
INFL	0.0129	0.0101	0.0097	0.3937	0.7058	0.8906	0.6391	0.5910	1.0000	0.8375	0.0514	0.3195
INFW	0.0531	0.0097	0.7371	0.1530	0.1817	0.2780	0.0821	0.4874	0.8375	1.0000	0.0368	0.2352
VANGS	0.0400	0.0771	0.1530	0.0391	0.0027	0.0821	-0.0084	0.0554	0.0514	0.0368	1.0000	0.3047
VANGD	-0.0477	-0.0547	0.3651	0.0415	0.1817	0.2780	0.1433	0.1195	0.2352	0.3047	0.3047	1.0000
SHINIL	-0.0028	-0.0889	-0.1273	0.0061	-0.1170	-0.1826	-0.1785	-0.0940	-0.0518	-0.2238	0.0075	-0.1448
INWDEL	-0.0846	-0.1783	-0.3046	-0.1898	-0.2716	-0.3944	-0.2601	-0.2151	-0.3551	-0.3806	-0.0892	-0.3164
ACRKL	0.1268	0.2787	-0.1794	-0.1771	-0.3712	-0.4965	-0.4498	-0.3752	-0.5091	-0.5008	-0.0256	-0.1652
MMOVL	0.1908	0.2536	-0.1652	0.0112	-0.1006	-0.0906	-0.1774	-0.1394	-0.1476	-0.1170	0.0845	0.1500
APKAN	0.0044	0.1168	0.1163	0.0207	0.1559	0.2907	0.2058	0.1535	0.2718	0.3240	0.0790	0.1806
AKOPS	0.0159	-0.0310	-0.2582	-0.1517	-0.3612	-0.2718	-0.2251	-0.1531	-0.2710	-0.2376	0.0468	-0.1824
BSAN	0.0612	0.1047	0.1351	0.1664	0.3076	0.4246	0.2510	0.2782	0.4106	0.3811	0.1704	0.3739
BSPS	0.0496	0.0666	0.2974	0.1319	0.2554	0.3476	0.2402	0.2740	0.3262	0.3081	0.2414	0.3758
SVINS	0.0442	0.0466	0.1245	-0.0189	0.0321	0.0922	0.0624	0.0922	0.0778	0.1262	0.3096	0.2175
NSOCV	0.0271	-0.0261	-0.2305	-0.1868	-0.3138	-0.3506	-0.2480	-0.1606	-0.3048	-0.2824	0.1216	0.1113
PIBOW	0.1282	0.2408	-0.2957	-0.0324	-0.1967	-0.2316	-0.1922	-0.2153	-0.2902	-0.2867	0.0094	-0.1203
PTLLN	0.1160	0.0230	0.2475	0.0749	0.2115	0.1745	0.0854	0.0694	0.2696	0.2025	-0.0311	-0.0927
INTFLN	0.1566	0.0957	-0.0336	0.0563	-0.0395	0.0224	-0.0494	0.0842	-0.0239	0.0609	-0.0273	-0.0743
NEFOR	0.0100	0.0559	0.1110	0.1811	0.4856	0.8837	0.5678	0.5168	0.7821	0.7701	0.0223	0.2519
CORLLN	0.0496	0.1097	0.3508	0.0649	0.0769	0.2804	0.1913	0.1469	0.3861	0.3091	0.0337	0.0967
CORLMD	-0.1456	-0.0797	0.1619	0.1965	0.1554	0.1409	0.1843	0.0580	0.1734	0.2046	0.0466	0.0566
CORLTD	0.0263	-0.0172	0.0907	0.0872	0.0787	0.0683	0.0477	-0.1517	0.1329	0.0860	-0.1717	-0.0583
STMLDL	0.0563	0.2117	0.4376	0.2341	0.2180	0.3871	0.2365	0.2056	0.4220	0.3434	0.1287	0.0989
STELA	-0.0140	-0.0340	0.4900	0.3002	0.5698	0.6916	0.5212	0.4777	0.7854	0.6416	0.0943	0.1154
STEND	0.1521	0.1512	0.3364	0.2281	0.2005	0.2928	0.1765	0.1740	0.2568	0.2595	0.0059	-0.0017
ACRCKL	0.1035	-0.0663	0.6328	0.1142	0.3393	0.4877	0.3918	0.3318	0.6818	0.6429	0.0013	0.1115
ACRMOV	-0.0104	-0.1568	0.0954	0.2094	0.1799	0.1522	0.0178	-0.0101	0.2280	0.1949	-0.0581	0.1057
KVPAC	-0.1277	0.0339	0.5507	0.3647	0.5529	0.5891	0.5992	0.4906	0.9599	0.9423	0.0048	0.1379
CRNMVD	0.1092	0.2336	0.2236	0.4327	0.2222	0.2365	0.1154	-0.0007	0.2828	0.3209	0.0805	-0.0445
CRNMVD	-0.0520	0.0692	-0.0779	0.0919	-0.0915	-0.0308	-0.0767	-0.1012	-0.1396	-0.0694	0.1063	-0.0592
HNMOFHO	0.4331	0.1336	-0.4489	-0.4491	-0.6951	-0.7715	-0.5171	-0.4447	-0.7096	-0.2955	-0.0207	-0.2742
IBLWR	-0.0739	-0.0134	0.7498	-0.1263	0.5301	0.6065	0.3500	0.3490	0.7933	0.6163	0.0640	0.0609
INVLWR	-0.0819	-0.0612	0.7795	-0.1589	0.2942	0.2955	0.2514	0.2433	0.3394	0.3394	0.0527	0.1922
ORLWR	-0.1153	-0.1363	0.2364	-0.2933	-0.1716	-0.2026	0.1593	0.1530	0.1616	-0.0659	0.0009	0.1693
ORLWR	0.1298	0.1661	0.2865	-0.0395	-0.0131	0.2140	0.0511	0.2891	0.2019	0.0284	0.0008	0.0008
ACLWR	0.1156	-0.0119	0.4139	0.0111	0.2704	0.4435	0.3692	0.6150	0.9609	0.9259	0.0279	0.0279
CORLWR	-0.0948	0.0019	0.8077	0.2618	0.6796	0.7967	0.9998	0.6389	0.8914	0.7071	0.0092	0.3121
STLLWR	-0.0505	-0.1059	0.6184	0.2605	0.6417	0.6993	0.5343	0.5422	0.7680	0.6114	-0.0501	0.2225
TFLWR	0.1761	-0.0781	-0.6700	-0.3698	-0.3648	-0.6726	-0.4533	-0.4956	-0.6302	-0.5163	-0.0030	-0.2831
INFLWR	-0.0846	0.0306	0.1764	0.0356	0.1742	0.0473	0.0093	0.1516	-0.2008	-0.3485	0.0424	0.0948
LAWWR	-0.1319	0.0261	0.7086	0.4416	0.6884	0.8220	0.6506	0.4497	0.7639	0.6469	0.0646	0.2953

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VARIABLE	SH1NL	LNDRL	KXLNL	KXGLD	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLEN	-0.0028	-0.0886	0.1268	0.1908	0.0944	0.0720	0.0612	0.0496	0.0462	0.0271	0.1782	0.1160
INTNDLX	-0.0889	-0.1783	0.0747	0.2536	0.1168	-0.0370	0.1047	0.0666	0.0466	-0.0063	0.2406	0.0530
NKH	-0.1273	-0.3046	-0.4794	-0.1652	0.3163	-0.2582	0.3393	0.2974	0.1245	-0.2305	-0.2357	0.2475
IBRW	0.0061	-0.1858	-0.1711	0.0112	0.2027	-0.1517	0.1664	0.1319	-0.0189	-0.1868	-0.0324	0.0789
ODRW	-0.1170	-0.2716	-0.3712	-0.1005	0.1599	-0.2672	0.3076	0.2554	0.0321	-0.1130	-0.1987	0.1115
IMNHW	-0.1826	-0.3944	-0.4965	-0.0306	0.2907	-0.2778	0.4246	0.3476	0.0922	-0.3506	-0.2316	0.1745
PKXL	-0.1785	-0.2601	-0.4469	-0.1774	0.2028	-0.2251	0.2310	0.2492	0.0624	-0.2640	-0.1922	0.2850
LBRP	-0.0940	-0.2191	-0.3752	-0.1394	0.1535	-0.1931	0.2782	0.2740	0.0292	-0.1606	-0.2123	0.0956
INFL	-0.1658	-0.3551	-0.5091	-0.1476	0.2770	-0.2770	0.4106	0.3242	0.0778	-0.3046	-0.2902	0.2696
INFL	-0.2230	-0.3805	-0.5088	-0.1170	0.3240	-0.2976	0.3811	0.3081	0.1282	-0.2824	-0.2827	0.2025
VANGS	0.0075	-0.0892	-0.0026	0.0645	0.0790	0.0426	0.1704	0.2414	0.3095	0.1218	0.0954	-0.0511
VANGS	-0.1448	-0.3164	-0.1520	0.1500	0.1800	-0.1424	0.2739	0.3738	0.2175	0.1113	-0.1223	-0.0937
SH1RL	1.0000	0.7879	0.7061	-0.4691	-0.3578	-0.0604	-0.3219	0.1656	-0.2434	0.1461	0.0034	0.0008
LNDRL	0.7834	1.0000	0.4941	-0.4979	-0.4863	0.0973	-0.6107	-0.1594	-0.2493	0.2510	0.0366	0.0789
KXLNL	0.3481	0.4941	1.0000	0.4828	-0.4153	0.2940	-0.2119	-0.0234	-0.1750	0.4773	0.2715	0.1689
KXGLD	-0.4601	-0.4979	0.4828	1.0000	0.1115	0.1808	0.4233	0.1131	0.0693	0.1981	0.2285	0.1592
APKAN	-0.3570	-0.4863	-0.4153	0.1115	1.0000	-0.4589	0.2268	0.0108	0.1830	-0.1645	0.0451	-0.0196
APKPS	-0.0604	0.0975	0.2940	0.1808	-0.4589	1.0000	-0.0744	-0.0855	0.0189	0.1393	0.3229	-0.0651
BSAN	-0.3219	-0.6107	-0.2119	0.4233	0.2268	-0.0744	1.0000	0.5732	0.2335	-0.0349	-0.0612	-0.0201
BSPS	0.1656	-0.1594	-0.0234	0.1131	0.0108	-0.0855	0.5732	1.0000	0.0866	0.0866	-0.0677	-0.0787
SVINS	-0.2434	-0.2493	0.1750	0.0693	0.1830	0.0189	0.2335	0.0866	1.0000	0.2108	-0.1351	-0.1871
NSECV	0.1461	0.2510	0.4773	0.1981	-0.1645	0.1393	-0.0349	0.0866	0.2108	1.0000	-0.0803	0.0963
PINSV	0.0034	0.0366	0.2715	0.2285	0.0451	0.0339	-0.0612	-0.0677	-0.1351	-0.0803	1.0000	-0.0279
PTLLN	0.0008	0.0789	0.1689	0.1592	-0.0196	-0.0651	-0.0201	-0.0787	-0.1871	0.0963	-0.0279	1.0000
INTL	-0.0428	-0.0417	0.1945	0.2798	0.0099	0.0852	0.0736	0.0372	0.0166	0.0565	0.0821	-0.0178
IFLOR	-0.1718	-0.3316	-0.4315	-0.0589	0.1824	-0.2085	0.4150	0.3802	0.0717	-0.3187	-0.2330	0.1277
CORLNL	-0.2224	-0.2425	-0.1497	0.0987	0.2029	-0.0575	0.2874	0.1294	0.1364	0.0281	-0.0272	0.1679
CORLND	-0.1064	-0.1922	-0.1312	0.0233	0.1434	-0.0776	0.1704	0.1405	0.0614	-0.0203	0.0538	-0.0177
CORTWD	-0.0542	-0.0856	-0.0011	0.0658	0.0528	-0.0806	0.1049	0.1097	-0.1196	-0.0640	0.0031	0.1397
STROLDL	-0.1675	-0.2261	-0.1738	0.0465	0.1465	-0.0756	0.1019	-0.0573	0.1005	-0.0834	-0.0030	0.0871
STBLN	-0.3034	-0.3388	-0.4370	-0.1130	0.3105	-0.2549	0.4120	0.1766	0.2741	-0.2741	0.1900	0.2191
STEND	-0.0274	-0.1519	-0.1593	-0.0104	0.2390	-0.1089	0.1340	0.1293	-0.0440	-0.2021	0.0619	0.1193
ACRLN	0.0011	-0.1096	-0.2485	-0.1661	0.0649	-0.1079	0.2335	0.2672	-0.0188	-0.1571	0.3366	0.1788
ACRMDW	0.1728	0.0799	0.0116	-0.0825	0.0140	-0.1496	0.0306	0.0696	0.0616	-0.1400	0.1214	0.0014
INVPAC	-0.2513	-0.3434	-0.4392	-0.0654	0.3291	-0.3667	0.5094	0.3386	0.0489	-0.3029	-0.1435	0.1710
CINMDW	-0.0511	-0.2177	-0.1359	0.0856	0.2423	-0.1083	0.2047	0.0752	0.0955	-0.1031	0.0840	0.0328
CINRW	0.0345	-0.0191	0.1207	0.1151	0.0319	0.0061	0.0521	0.1187	0.0450	0.0661	0.1674	0.1279
INNOFHD	0.2146	0.3339	0.5168	0.1587	-0.2895	0.2476	-0.3067	-0.2282	-0.0391	0.3604	0.1977	-0.0839
IBLR	-0.2106	-0.3051	-0.4381	-0.1360	0.2882	-0.2312	0.3765	0.2813	0.0925	-0.2259	-0.2249	0.2810
ODBLR	-0.1709	-0.1690	-0.2347	-0.0629	0.0041	-0.0286	0.1897	0.1824	0.0187	-0.1215	-0.1778	0.0928
INVLN	0.0113	0.0305	0.0219	-0.0450	0.0236	-0.0095	0.0661	0.0273	0.2074	-0.1141	0.2422	0.0497
CLLRL	-0.1636	-0.1568	-0.0787	0.0774	0.1152	-0.0191	0.1806	0.0413	0.1861	0.0916	-0.0150	0.1835
ACLRL	-0.0825	-0.1513	-0.3110	-0.1517	0.0632	-0.0309	0.2026	0.2414	0.0153	-0.2114	-0.2837	0.1112
CORLRL	-0.2391	-0.3699	-0.5145	-0.1333	0.2955	-0.2076	0.3645	0.2664	0.0834	-0.2909	-0.2307	0.2089
STLLDR	-0.1445	-0.3163	-0.4864	-0.1546	0.2927	-0.2461	0.3658	0.3246	0.0126	-0.1401	-0.2328	0.2497
PTLLN	0.2348	0.3579	0.5032	0.0282	-0.3002	0.3096	-0.3100	-0.1718	0.0738	0.2219	0.1258	0.2365
INFLR	0.1093	0.0840	0.7580	-0.0326	0.0897	-0.0198	0.0122	0.0048	0.0725	0.0025	0.0653	0.1054
LANFR	-0.2537	-0.3976	-0.4971	-0.0746	0.3050	-0.2493	0.3982	0.2812	0.0762	-0.3325	-0.1726	0.1161

CANONICAL DISCRIMINANT ANALYSIS
TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	INTLN	NFLOR	CORLNL	CORLMD	CORTW	STHMLGL	STDLN	STMD	ACMLN	ACRMD	NYPAC	CRMD
RACHLEN	0.1566	0.0100	0.0496	-0.1436	0.0260	0.0563	-0.0180	0.1321	0.1035	-0.0104	-0.1277	0.1092
INTNOLN	0.0957	0.0532	0.1097	-0.0797	0.0172	0.2117	-0.0904	0.1512	-0.0863	-0.1588	0.0359	0.2186
NBR	-0.0336	0.7110	0.3508	0.1419	0.0507	0.4374	0.6300	0.3464	0.4328	0.0954	0.2507	0.2236
IDRW	0.0563	0.3931	0.0649	0.1965	0.0872	0.2341	0.3002	0.2281	0.1182	0.2054	0.3647	0.4327
ORRW	-0.1356	0.6856	0.0769	0.1596	0.0787	0.2180	0.5458	0.2005	0.3301	0.1759	0.5529	0.2222
INROW	0.0254	0.8817	0.2804	0.1409	0.0683	0.3871	0.6916	0.2928	0.4877	0.1522	0.5891	0.1585
PKXL	-0.0494	0.5676	0.1913	0.1853	0.0417	0.2365	0.5212	0.1765	0.3918	0.0772	0.2492	0.1154
LEBF	0.0882	0.2168	0.1469	0.0320	-0.1517	0.2056	0.4777	0.1190	0.3318	-0.0101	0.4906	-0.0007
INFL	-0.0239	0.7821	0.3861	0.1754	0.1329	0.4250	0.7894	0.2968	0.6818	0.2280	0.5959	0.2880
NFL	0.5089	0.7703	0.3091	0.2046	0.0868	0.3434	0.6616	0.3296	0.6429	0.1949	0.5463	0.3289
VANGS	-0.0273	0.0037	0.0017	-0.0642	-0.1717	0.1287	0.0843	-0.0059	0.0013	-0.0583	0.0048	0.0805
VANDS	-0.0743	0.2519	0.0967	0.0366	-0.0583	0.0989	0.1154	-0.0017	0.1115	0.1057	0.1379	-0.0445
SUINL	-0.0268	-0.1718	-0.2329	-0.1960	-0.0382	-0.1615	-0.2024	-0.0274	0.0011	0.1728	-0.2513	-0.0611
LMDFRL	-0.0417	-0.2316	-0.2422	-0.1522	-0.0888	-0.2261	-0.3388	-0.1519	-0.1096	0.0798	-0.3434	-0.2137
MLML	-0.1945	-0.4516	-0.1487	-0.1312	-0.0011	-0.1788	-0.4370	-0.1593	-0.0885	-0.0115	-0.1395	-0.1359
MDMDL	0.2790	-0.0969	0.0987	0.0283	0.0068	0.0465	-0.1130	-0.0104	-0.1651	-0.0825	-0.0654	0.0866
APXAN	0.0099	0.1824	0.2029	0.1436	0.0528	0.1465	0.3105	0.2390	0.0649	0.0140	0.3291	0.2423
APKPS	0.0822	-0.2085	-0.0675	-0.0876	-0.0866	-0.1756	-0.2949	-0.1089	-0.1079	-0.1806	-0.3687	-0.10
BSAN	0.0736	0.4150	0.2874	0.1704	0.1049	0.1019	0.3120	0.3880	0.2335	0.0730	0.2094	0.2047
BSFR	0.0372	0.3800	0.1294	0.1405	0.1097	0.0573	0.1766	0.1593	0.2622	0.0606	0.0386	0.0752
SVKES	0.0766	0.0812	0.1384	-0.0614	-0.1786	0.1005	0.1071	-0.0480	-0.0188	-0.0695	-0.0429	0.0255
NSCED	0.0565	-0.2127	0.0243	-0.0203	-0.0640	-0.0834	-0.4743	-0.2021	-0.1517	0.0676	-0.3029	-0.1631
PIHNV	0.0851	-0.2330	-0.0272	-0.538	0.0031	-0.0030	-0.1900	0.0619	-0.3365	-0.1440	-0.1483	0.0080
PTLLN	-0.0176	0.1277	0.1679	-0.0177	0.1397	0.0871	0.2191	0.1103	0.1788	0.1214	0.1710	0.0328
INTLN	1.0000	-0.0113	0.0752	-0.1056	-0.0687	-0.0609	0.0231	-0.0809	0.0836	-0.1808	-0.0610	0.0646
NFLOR	-0.0113	1.0000	0.1682	0.0660	0.0380	0.2154	0.5407	0.1993	0.4092	-0.0018	0.1665	0.1809
CORLNL	0.0752	0.1682	1.0000	0.3593	0.3573	0.3417	0.2861	0.2957	0.2546	0.1749	0.1982	0.2508
CORTW	-0.1085	0.0680	0.3593	1.0000	0.5004	0.1064	0.0274	0.2619	0.1312	0.3235	0.2571	0.4310
CORTW	0.0687	0.0380	0.3573	0.5004	1.0000	0.0904	0.1873	0.3824	0.1591	0.3484	0.0284	0.3664
STHMLGL	-0.0609	0.2154	0.3417	0.1064	0.0904	1.0000	0.3880	0.2121	0.1472	0.0913	0.3316	0.3156
STDLN	0.0231	0.5407	0.2861	0.0274	0.1873	0.3880	1.0000	0.2301	0.2337	0.2073	0.5401	0.2680
STMD	-0.0299	0.1993	0.2057	0.2619	0.3424	0.2121	0.2301	1.0000	0.1802	0.1460	0.2718	0.5157
ACMLN	0.0836	0.4092	0.2546	0.1312	0.1591	0.1472	0.2357	0.1802	1.0000	0.8271	0.2334	0.1789
ACRMD	-0.1208	-0.0018	0.1749	0.3235	0.3384	0.0913	0.2078	0.1460	0.8271	1.0000	0.1632	0.3240
NYPAC	-0.0910	0.4746	0.1982	0.2571	0.0938	0.3316	0.3481	0.2718	0.2334	0.1632	1.0000	0.3172
CRMD	0.0646	0.1809	0.2508	0.4310	0.3664	0.3156	0.2680	0.5157	0.1789	0.3240	0.3172	1.0000
CRMD	0.1493	0.1056	0.1228	0.3028	0.2261	0.1181	-0.0749	0.2316	-0.1730	0.1635	0.0405	0.4308
NHMFHD	0.0895	-0.6787	-0.1471	-0.1768	-0.0386	-0.2895	-0.2552	-0.1657	-0.2825	-0.0151	-0.5748	-0.2291
ISLW	-0.0549	0.6823	0.3486	0.0654	0.0575	0.0511	0.4516	0.1599	0.4059	0.0110	0.4712	0.0135
COLLR	0.0224	0.3294	0.2116	0.0003	0.0189	0.0521	0.3531	0.0313	0.2516	-0.1373	0.2491	-0.0841
INVLWR	-0.0457	-0.1859	0.2706	-0.0206	-0.0182	0.1304	0.1195	-0.0916	0.1056	-0.0276	0.0791	-0.2290
COLLR	0.1377	0.1819	0.3206	0.2369	0.0059	0.2918	0.2041	0.0271	0.1777	-0.0186	0.0268	0.0161
COLLR	0.0896	0.4398	0.1758	0.0262	-0.0089	0.1016	0.4709	0.1141	0.0661	-0.0657	0.2042	0.0712
COLLR	0.0088	0.1609	0.2057	0.2399	0.0405	0.1827	0.1247	0.1530	0.0685	0.0285	0.5728	0.0002
STLLR	0.0212	0.7051	0.1865	0.1423	0.1249	-0.1543	0.6075	0.2294	0.5053	0.1035	0.4951	0.1162
PTLLR	0.0331	-0.5941	-0.2483	-0.0722	0.0374	-0.3886	-0.4945	-0.1346	-0.0077	0.1455	-0.5937	-0.1368
INFLR	-0.1102	-0.5362	0.0904	-0.0793	0.0216	0.1627	-0.0964	-0.1160	-0.0061	-0.0629	-0.1232	-0.1232
LRNFR	-0.0321	0.7036	0.2944	0.1858	0.1008	0.3411	0.6101	0.2584	0.5934	0.0813	0.6242	0.3308

CANONICAL DISCRIMINANT ANALYSIS
TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	CRPHND	HNPHND	ISLWR	OLWR	INVLWR	CRLLWR	ACLLWR	CORLWR	STLLWR	TFLPLR	INFLWR	LRFHWR
RACHLN	-0.0520	0.4331	-0.0775	-0.0819	-0.1153	0.1298	0.1196	-0.0988	-0.0505	0.1781	-0.0846	-0.1318
INTNDLN	0.0052	0.1336	-0.0115	-0.0612	-0.1383	0.1661	-0.0119	0.0019	-0.1059	-0.0701	0.0306	0.0643
NBR	-0.0779	-0.6428	0.1298	0.3795	0.2364	0.2865	0.4139	0.8077	0.6194	-0.6700	0.1764	0.7026
IRRM	0.0919	-0.4491	-0.1123	-0.1585	-0.3921	-0.0395	0.0111	0.2818	0.2605	-0.1608	0.0356	0.4416
OCRM	-0.0901	-0.6551	0.5301	-0.0342	-0.1716	-0.0131	0.0754	0.6796	0.6417	-0.5648	0.1742	0.6824
INPHW	-0.0204	-0.7715	0.4605	0.2552	-0.0026	0.2140	0.4435	0.7967	0.6020	-0.6726	0.0473	0.6220
PKML	-0.0767	-0.7177	0.3500	0.3514	0.1593	0.0811	0.3873	0.5998	0.5361	-0.4513	0.0093	0.6506
LBPR	-0.1015	-0.4447	0.5490	0.3433	0.1530	0.1241	0.3652	0.6389	0.5422	-0.4956	0.1516	0.4657
INFL	-0.1394	-0.7086	0.7935	0.1934	0.1616	0.2981	0.6150	0.8914	0.7680	-0.5302	0.0004	0.7819
RFN	-0.0694	0.5995	0.6163	0.3394	-0.0659	0.2019	0.9669	0.7071	0.6514	-0.5163	-0.3445	0.6489
VANWIS	0.1063	-0.0207	0.0060	0.0587	0.0009	0.0284	0.0259	0.0092	-0.0501	-0.0030	0.0424	0.0646
VANUS	-0.0592	-0.2742	0.3094	0.1922	0.1683	0.0808	0.0479	0.1121	0.2255	-0.2831	0.0938	0.2953
SHILL	0.0345	0.2136	-0.2106	-0.1709	-0.0155	-0.1636	-0.0825	-0.2391	-0.1445	0.2348	0.1093	-0.2537
LNPHRL	-0.0191	0.5339	-0.3081	-0.1690	0.0305	-0.1568	-0.1513	-0.3699	-0.2163	0.2579	0.0240	-0.1976
PKML	0.1507	0.1668	-0.4551	-0.2347	-0.0219	-0.0787	-0.1100	-0.5145	-0.4664	0.2632	0.0580	-0.4971
MOGDL	0.1191	0.1581	-0.1360	-0.0629	-0.0460	0.0774	-0.1517	-0.1333	0.1546	0.0282	-0.0326	-0.0746
APKAS	0.0159	-0.7655	0.2842	0.2047	0.0266	0.1752	0.0632	0.2965	0.2927	-0.3002	-0.0497	0.7050
APKPS	0.0061	0.2476	-0.2312	-0.0286	-0.0095	-0.0191	-0.0309	-0.2976	-0.2861	0.1096	-0.0198	-0.2493
BSAN	0.0521	-0.3067	0.3785	0.1857	0.0051	0.1806	0.2026	0.5665	0.3858	-0.3100	-0.0122	0.3902
DSFS	0.1157	-0.2282	0.2613	0.1824	-0.0597	0.0413	0.2814	0.2664	0.3246	-0.1718	-0.0094	0.2812
SVINS	-0.0490	-0.0391	0.0923	0.0127	0.0873	0.1861	0.0153	0.0834	0.0126	-0.0738	0.0726	0.0782
ISEZV	0.0681	0.3604	-0.2259	-0.1215	0.2074	0.0416	0.2114	0.2909	0.3401	0.2219	0.0025	-0.3225
PIREV	0.1674	0.1977	-0.2449	-0.1778	-0.1183	-0.0150	-0.2037	-0.2347	-0.2528	0.1258	0.0463	-0.1726
PTELL	-0.1279	-0.0039	0.2430	0.0928	0.2482	0.1835	0.1112	0.2589	0.0451	-0.2365	0.1054	0.1161
INFLR	0.1493	0.0895	-0.0545	0.0028	-0.0457	0.1377	0.0096	0.0088	0.0212	0.0331	-0.0102	-0.0321
NFLOR	-0.1056	-0.6787	0.6523	0.3294	-0.1899	0.1419	0.4398	0.7609	0.7051	-0.5941	-0.0362	0.7036
ODRLLN	0.1228	-0.1471	0.3446	0.2716	0.2708	0.8206	0.7758	0.2067	0.1855	-0.2843	0.0944	0.2944
ODRLLD	0.3553	0.1788	0.0054	0.0003	-0.0206	-0.2289	-0.0329	0.0329	0.1423	-0.0722	-0.0793	0.1408
CORTWD	0.2261	-0.0386	0.0276	0.0189	-0.0182	0.0695	-0.0085	0.0405	0.1249	0.0574	0.0216	0.1908
STKLLO	-0.181	-0.2896	0.3011	0.1521	0.1304	0.2938	0.1016	0.3403	-0.1941	0.3406	0.1627	0.111
STBLN	-0.143	-0.2592	0.6216	0.3531	0.1195	0.2041	0.4709	0.7307	0.6745	-0.4945	0.1410	0.6101
STEMD	0.2318	-0.1657	0.1559	0.0313	0.0916	0.0574	0.1341	0.1530	0.2294	-0.1346	-0.0954	0.2584
ACRMLN	-0.1730	-0.2825	0.4659	0.2516	0.1055	0.1727	0.6681	0.4683	0.5051	0.001	-0.160	0.3934
ACRMLD	0.1633	-0.0153	0.0110	-0.1373	-0.0276	-0.0186	-0.0651	0.0289	0.1035	0.1459	-0.0023	0.0813
INPAC	0.0405	-0.5748	0.4712	0.2491	0.0751	0.0588	0.0942	0.2782	0.1951	0.5937	0.0659	0.6242
CRPHND	0.4308	-0.2281	0.0335	-0.0841	-0.2850	0.0161	0.0313	0.0002	0.1162	-0.1368	-0.1232	0.3308
LNPHND	1.0000	0.1010	-0.1922	-0.0674	-0.2306	-0.0874	-0.2802	-0.2418	-0.2146	0.0666	-0.0950	-0.1903
ISLWR	0.1010	0.0000	-0.5068	0.2055	0.1087	0.0515	-0.2970	-0.7074	0.7136	-0.1453	-0.4742	-0.6343
OLWR	-0.1925	-0.5404	1.0000	0.5185	0.3971	0.3200	0.9599	0.8373	0.6983	-0.6164	0.2443	0.6320
INVLWR	-0.0674	-0.2059	0.5185	1.0000	0.3981	0.2176	0.3384	0.4513	0.3696	-0.2923	0.0824	0.2277
CRLLWR	-0.2306	0.1087	0.3981	0.3981	1.0000	0.2997	0.1260	0.5362	0.0956	-0.1267	0.3926	-0.0395
ACLLWR	-0.0874	-0.0535	0.3280	0.2176	0.2997	1.0000	0.1879	0.3039	0.1099	-0.2307	0.1464	0.1912
CORLWR	-0.2802	-0.2970	0.4959	0.3388	0.1880	0.1875	1.0000	0.8713	0.9968	0.073	-0.0268	0.3483
STLLWR	-0.2146	-0.6088	0.6983	0.3696	0.0996	0.1099	0.8968	0.7764	1.0000	-0.5122	0.1067	0.6394
TFLPLR	-0.0666	0.7136	-0.6364	-0.2923	-0.1047	-0.2107	-0.0717	0.1955	-0.5122	1.0000	-0.1792	-0.6500
INFLWR	-0.0950	-0.1453	0.2443	0.0824	0.3925	0.1464	-0.0589	0.2610	0.1067	-0.1792	1.0000	0.1759
LRFHWR	-0.1003	-0.8782	0.6320	0.2377	-0.0395	0.1912	0.3683	0.7296	0.6394	-0.6500	0.1759	1.0000

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	RACHLEN	INTNDLN	NBP	IBRM	OSRM	INRM	PKXL	LBRP	INFL	INPW	VANGS	VANGB
RACHLEN	1.0000											
INTNDLN	-0.8420	1.0000										
NBP	-0.8773	0.7085	1.0000									
IBRM	-0.8166	0.6990	0.6757	1.0000								
OSRM	-0.9607	0.9587	0.8800	0.9417	1.0000							
INRM	-0.9900	0.9095	0.9377	0.8897	0.9902	1.0000						
PKXL	-0.9490	0.6268	0.9162	0.5928	0.8211	0.8951	1.0000					
LBRP	-0.9546	0.6430	0.9960	0.5075	0.8343	0.9032	0.9998	1.0000				
INFL	-0.9921	0.7677	0.9961	0.7377	0.9183	0.9646	0.9810	0.9844	1.0000			
INPW	-0.9857	0.7392	0.9990	0.7078	0.9003	0.9202	0.9885	0.9911	0.9901	1.0000		
VANGS	-0.9498	0.8634	0.9558	0.8854	0.6841	0.5756	0.1506	0.1688	0.1395	0.2984	1.0000	
VANGB	-0.9641	0.6660	0.9989	0.6340	0.8529	0.9172	0.9986	0.9994	0.9986	0.9990	0.9990	1.0000
BEINL	0.9638	-0.6570	-0.9988	-0.6325	-0.8314	-0.7163	-0.9987	-0.9995	-0.9995	-0.9998	-0.9998	-1.0000
LINDBL	0.9999	-0.8350	-0.9799	-0.8091	-0.9571	-0.9882	-0.9529	-0.9583	-0.9935	-0.9878	-0.9833	-0.9674
KKLML	0.9982	-0.8085	-0.9881	-0.7809	-0.9425	-0.9800	-0.9660	-0.9706	-0.9978	-0.9940	-0.9811	-0.9782
KKMDL	0.9793	-0.7153	-1.0000	-0.6828	-0.8806	-0.9410	-0.9932	-0.9991	-0.9969	-0.9994	-0.9950	-0.9979
APKAM	-0.9905	0.6558	0.9974	0.6208	0.8435	0.9102	0.9994	0.9999	0.9872	0.9932	0.1853	0.9999
APKPS	0.9500	-0.6337	-0.9909	-0.9779	-0.8276	-0.8779	-1.0000	-0.9997	-0.9822	-0.9894	-0.1568	-0.9989
BSAM	-0.9971	0.8808	0.9582	0.8584	0.9791	0.9979	0.9220	0.9290	0.9796	0.9700	0.9216	0.9410
BSPS	-0.9350	0.9797	0.9355	0.9686	0.9962	0.9784	0.7719	0.7834	0.6805	0.8992	0.7048	0.8040
SVINS	-0.9017	0.9259	0.9729	0.8867	0.7462	0.8319	0.9920	0.9096	0.9468	0.9616	0.0250	0.9041
INSEC	0.8560	-0.9996	-0.7270	-0.9274	-0.9659	-0.9202	-0.6493	-0.6631	-0.7894	-0.7568	-0.8897	-0.6880
PINOV	0.7838	-0.9249	-0.9976	-0.8816	-0.9806	-0.8486	-0.9197	-0.9332	-0.8559	-0.8772	-0.1966	-0.9006
FTLLN	-0.7458	0.2689	0.8701	0.8285	0.5315	0.6446	0.9178	0.9104	0.8233	0.8473	0.0254	0.8950
INFLN	-0.9322	0.5897	0.9878	0.5924	0.7951	0.8720	0.9988	0.9977	0.9703	0.9798	0.1017	0.9948
INFLW	-0.8866	0.5186	0.9297	0.4937	0.9511	0.9977	0.9849	0.9873	0.9584	0.9451	0.9928	0.9800
CORLLN	-0.9590	0.0723	0.7551	0.0969	0.3532	0.4804	0.8210	0.8104	0.6997	0.7752	-0.0407	0.7201
CORLWD	-0.9816	0.9943	0.7799	0.8805	0.9835	0.9866	0.7080	0.7208	0.6313	0.6666	0.8048	0.7439
STOKLO	-0.9814	0.9279	0.9943	0.9439	0.7835	0.6890	0.9934	0.9111	0.8734	0.8438	0.9992	0.9831
STOKLOL	-0.9878	0.9599	0.9814	0.9216	0.7725	0.8534	0.9933	0.9946	0.9608	0.9719	0.0854	0.9905
STWSD	-0.9878	0.9804	0.9984	0.9168	0.9098	0.9561	0.9865	0.9893	0.9959	0.9959	0.1366	0.9917
STWSD	-0.9790	0.9343	0.9135	0.9171	0.9971	0.9979	0.8647	0.8738	0.9557	0.9307	0.6268	0.8897
ACHKLN	-0.9049	0.5323	0.9746	0.4933	0.7512	0.8360	0.9930	0.9906	0.9512	0.9636	0.0322	0.9854
ACHKWD	-0.9297	-0.3539	-0.7762	-0.3994	-0.6617	-0.9939	-0.9916	-0.9979	-0.9900	-0.9817	-0.9787	-0.9729
VYPAC	-0.9850	0.7362	0.9992	0.7047	0.8894	0.9509	0.9991	0.9917	0.9969	1.0000	0.2993	0.9955
CRWSD	-0.7802	0.9904	0.9992	0.9982	0.9232	0.8600	0.9413	0.9548	0.9956	0.9956	0.9119	0.9861
CRWSD	-0.9147	-0.2871	-0.9068	-0.2909	-0.5380	-0.1780	-0.2983	-0.2632	-0.4213	-0.4709	0.7022	-0.3554
INNOFIR	-0.9808	-0.9310	-0.9172	-0.9135	-0.9964	-0.9985	-0.9692	-0.8781	-0.9484	-0.9340	-0.6198	-0.8938
ILWLR	-0.9464	-0.8277	-0.9061	-0.9915	-0.8511	-0.8944	-1.0000	-0.9998	-0.9807	-0.9882	-0.1890	-0.9746
OBWLR	-0.7335	0.2797	0.8727	0.3357	0.5413	0.6534	0.9284	0.9191	0.8300	0.8534	-0.2829	0.9010
INWLR	-0.6017	-0.9409	-0.8100	-0.9746	-0.8517	-0.9894	-0.9993	-0.9993	-0.9993	-0.9993	-0.9993	-0.9993
OBWLR	-0.4516	-0.1911	-0.6305	-0.1462	-0.1862	-0.3216	-0.1100	-0.2604	-0.2599	-0.2593	-0.5892	-0.6723
AGLR	-0.9173	0.5472	0.9784	0.5086	0.7628	0.8954	0.9929	0.9929	0.9565	0.9682	0.0502	0.9881
CORLWR	-0.8450	0.7886	0.9946	0.8934	0.9934	0.9874	0.9907	0.9911	0.9981	0.9999	0.2835	0.9905
STLLWR	-0.9997	0.8287	0.9821	0.8024	0.9537	0.9864	0.9963	0.9615	0.9948	0.9995	0.4331	0.9703
FFLPLR	-0.9906	-0.7603	-0.9071	-0.7300	-0.9137	-0.9615	-0.9832	-0.9864	-0.9999	-0.9992	-0.1228	-0.9914
INFLWR	-0.8172	1.0000	0.7022	0.9993	0.9561	0.9928	0.8219	0.8262	0.7620	0.7620	0.8678	0.8419
LINFLWR	-0.9987	0.8683	0.9653	0.8448	0.9735	0.9959	0.9317	0.9382	0.9945	0.9799	0.4994	0.9494

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VARIABLE	SHINL	LHWDRLL	HXLJLL	HOMOL	APKAN	APKPS	BSAN	BSPS	SVINS	NSECV	PINSV	PTLLN
RACHLEN	0.9636	0.9999	0.9982	0.9793	-0.2995	0.9939	-0.9971	-0.9230	-0.9077	0.8560	0.7838	-0.7498
INTNDLH	-0.4670	-0.8350	-0.8089	-0.7153	0.6558	-0.6337	0.8308	0.9797	0.5299	-0.9996	-0.3209	0.2665
NBR	-0.9984	-0.9799	-0.9881	-1.0000	0.9974	-0.9949	0.9282	0.8355	0.9729	-0.7270	-0.8976	0.6701
IBRW	-0.6325	-0.8091	-0.7609	-0.6828	0.6208	-0.5979	0.8984	0.9696	0.8867	-0.9974	-0.2816	0.2295
GRSM	-0.8514	-0.9571	-0.9425	-0.8866	0.8435	-0.8276	0.9791	0.9982	0.7402	-0.9699	-0.5806	0.5315
INMKN	-0.9163	-0.9882	-0.9800	-0.9410	0.9102	-0.8979	0.9919	0.9794	0.8319	-0.9202	-0.6936	0.6446
PHOL	-0.9987	-0.9929	-0.9660	-0.9932	0.9994	-1.0000	0.9220	0.7719	0.9920	-0.6993	-0.9397	0.9178
LBRP	-0.9925	-0.9981	-0.9706	-0.9951	0.9999	-0.9999	0.9720	0.7834	0.9896	-0.6631	-0.9332	0.9109
INFL	-0.9895	-0.9936	-0.9978	-0.9969	0.9872	-0.9882	0.9795	0.8805	0.9488	-0.7844	-0.9595	0.8235
IFW	-0.9948	-0.9870	-0.9900	-0.9994	0.9932	-0.9994	0.9703	0.8962	0.9616	-0.7968	-0.9772	0.9473
VANGS	-0.8000	-0.4433	-0.4011	-0.2650	0.1853	-0.1568	0.5215	0.7448	0.0290	-0.8497	0.1666	-0.2941
VANGS	-1.0000	-0.9674	-0.9782	-0.9919	0.9999	-0.9989	0.9410	0.8040	0.9841	-0.5880	-0.9206	0.6959
SHINL	1.0000	0.9669	0.9777	0.9976	-0.9999	0.9999	-0.9003	-0.8028	-0.9885	0.5866	0.9214	-0.3968
LHWDRLL	0.9669	1.0000	0.9989	0.9818	-0.9610	0.9585	-0.9960	-0.9283	-0.9072	0.8493	0.7917	-0.7543
HXLJLL	0.9777	0.9989	1.0000	0.9896	-0.9745	0.9675	-0.9908	-0.9100	-0.8248	0.8218	0.8193	-0.7840
HOMOL	0.9978	0.9818	0.9896	1.0000	-0.9967	0.9939	-0.9609	-0.8408	-0.9706	0.7336	0.8933	-0.6652
APKAN	-0.9999	-0.9630	-0.9745	-0.9967	1.0000	-0.9996	0.9350	0.7918	0.9870	-0.6756	-0.9271	0.9033
APKPS	0.9999	0.9908	0.9676	0.9919	-0.9996	1.0000	-0.9044	-0.7799	-0.9912	0.5380	0.9378	-0.7151
BSAN	-0.9402	-0.9960	-0.9988	-0.9609	0.9350	-0.9244	1.0000	0.9978	0.8059	-0.8931	-0.7340	0.6926
BSPS	-0.8028	-0.8283	-0.8100	-0.8408	0.7918	-0.7759	0.9978	1.0000	0.6857	-0.9887	-0.5079	0.4561
SVINS	-0.9895	-0.9072	-0.9288	-0.9106	0.9870	-0.9912	0.8682	0.6857	1.0000	-0.5483	-0.7573	0.9605
NSECV	0.5866	0.8493	0.8218	0.7316	-0.6756	0.6540	-0.8931	-0.8867	-0.5483	1.0000	0.3499	-0.2940
PINSV	0.9214	0.7917	0.8193	0.8933	-0.9271	0.9375	-0.7340	-0.5079	-0.7573	0.3499	1.0000	-0.9983
PTLLN	-0.6958	-0.7543	-0.7840	-0.6652	0.9033	-0.9153	0.6926	0.5461	0.9885	-0.2940	-0.9983	1.0000
INTNDLH	-0.9951	-0.9368	-0.9521	-0.9862	0.9964	-0.9985	0.9018	0.7396	0.9970	-0.6109	-0.9524	0.9363
IBRW	-0.9071	-0.9815	-0.9738	-0.9332	0.9017	-0.8807	0.9662	0.7702	0.8192	-0.9088	-0.5722	0.8273
CORLLN	-0.7914	-0.6092	-0.6455	-0.7487	0.8004	-0.8174	0.5359	0.2700	0.8863	-0.0988	-0.9660	0.9806
CORLWD	-0.7425	-0.8888	-0.8665	-0.7856	0.7324	-0.7128	0.9262	0.7925	0.6184	-0.9568	-0.4237	0.4695
CORTWD	-0.3412	-0.5697	-0.5308	-0.4032	0.3270	-0.2996	0.6808	0.3354	0.1710	-0.9177	0.0511	-0.1099
STMKLCL	-0.9908	-0.9234	-0.9403	-0.9795	0.9927	-0.9958	0.8054	0.7146	0.9982	-0.5817	-0.9655	0.9485
STBLN	-0.9935	-0.9897	-0.9953	-0.9989	0.9916	-0.9910	0.8066	0.9940	0.7451	-0.9709	-0.8004	0.8404
STBWD	-0.8888	-0.9763	-0.9632	-0.9174	0.8816	-0.8478	0.9917	0.9268	0.7946	-0.9434	-0.8407	0.5943
ACHKLN	-0.9650	-0.9103	-0.9265	-0.9123	0.9882	-0.9922	0.6912	0.5912	1.0000	-0.5246	-0.9246	0.9266
ACHMDH	0.9973	0.9994	0.9966	0.9795	-0.9759	0.9857	-0.9885	-0.9409	-0.9217	0.8874	0.7696	-0.7206
NVAPAC	-0.9953	-0.9871	-0.9935	-0.9995	0.9937	-0.9900	0.9089	0.8069	0.9628	-0.7540	-0.8752	0.8496
CRKMDH	-0.5805	-0.7721	-0.7417	-0.6174	0.5732	-0.5483	0.8258	0.9530	0.4330	-0.9912	0.2231	-0.6551
CRMDH	-0.5571	-0.3268	-0.3705	-0.5004	-0.5695	-0.5930	-0.2811	0.0819	-0.6942	-0.2213	0.8361	-0.8670
MMOFDHF	0.9929	0.9782	0.9679	0.9870	-0.8860	0.8723	-0.9928	-0.9853	-0.8000	0.9404	0.6476	-0.6019
IBLWR	-0.9987	-0.9984	-0.9993	-0.9910	0.9993	-1.0000	0.9218	0.7708	0.9903	-0.6180	-0.8802	0.9187
ORBLWR	-0.9019	-0.7618	-0.7911	-0.8710	0.9082	-0.9199	0.7009	0.4664	0.9637	-0.3051	-0.9999	0.9999
IBVLRW	-0.9659	-0.9111	-0.8911	-0.8008	0.8263	-0.7079	0.9782	0.8614	0.4309	-0.9184	-0.6197	0.6549
CLRLMR	-0.6738	-0.4630	-0.5037	-0.6229	0.6888	-0.7055	0.3820	0.1003	0.7930	0.0747	-0.9080	0.9312
ACLMR	-0.9886	-0.9175	-0.9330	-0.9763	0.9907	-0.9943	0.8783	0.7039	0.9997	-0.5693	-0.9694	0.9532
CORLWR	-0.9667	-0.9853	-0.9922	-0.9908	0.9949	-0.9916	0.8661	0.8517	0.9857	-0.7166	-0.8895	0.8554
STTLWR	-0.9699	-0.9999	-0.9994	-0.9839	0.9660	-0.9561	0.9949	0.9240	0.9119	-0.8433	-0.7966	0.7617
TFPLN	0.9911	0.9923	0.9970	0.9978	-0.9890	0.9843	-0.9772	-0.8750	-0.9224	0.7773	0.8674	-0.8299
IFLWR	-0.6001	-0.8301	-0.8033	-0.7611	0.6491	-0.6368	0.8766	0.9779	0.5184	-0.9928	-0.5166	0.6600
LANFHR	-0.9488	-0.9980	-0.9939	-0.9678	0.9439	-0.9340	0.9997	0.9501	0.8786	-0.8811	-0.7513	0.7110

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VARIABLE	INTLN	NFLOR	CORRLN	CORLWD	CORTWD	STNLOL	STBLN	STBND	ACKLN	ACKWD	NYPAC	CRPHWD
RACHLEN	-0.9322	-0.9866	-0.9990	-0.8946	-0.9801	-0.9184	-0.9878	-0.9790	-0.9049	0.9997	-0.9850	-0.7802
INTNOLN	0.5897	0.9186	0.6723	0.9943	0.9279	0.5999	0.77	0.9343	0.5183	-0.8539	0.7362	0.9944
IBR	0.9878	0.9297	0.7551	0.7795	0.3913	0.5814	0.9988	0.9135	0.9746	-0.9722	0.9992	0.6999
IBRM	0.5324	0.8997	0.0269	0.9885	0.9439	0.5216	0.7168	0.9171	0.4933	-0.8294	0.7047	0.9982
OBEN	0.7951	0.9931	0.3532	0.9835	0.7835	0.7725	0.9058	0.9971	0.7512	-0.9467	0.6984	0.9232
PMXL	0.8729	0.9997	0.4804	0.9466	0.4890	0.9536	0.9261	0.9979	0.8360	-0.9930	0.9209	0.9605
LBPF	0.9988	0.6849	0.8210	0.7080	0.2936	0.9963	0.8665	0.9920	0.9920	-0.9476	0.9897	0.9431
LBPF	0.9977	0.6913	0.8104	0.7208	0.3111	0.9996	0.8693	0.9906	0.9906	-0.9476	0.9917	0.9469
INTFL	0.9703	0.9584	0.6487	0.4315	0.4734	0.9608	0.9995	0.9457	0.9512	-0.9890	0.9989	0.6956
IBFM	0.9798	0.9451	0.7252	0.8064	0.4348	0.9719	0.9959	0.9307	0.9634	-0.9817	1.0000	0.6638
VANGS	0.1017	0.9318	-0.4407	0.8048	0.8892	0.4054	0.1106	0.8268	0.0325	-0.1747	0.7241	0.9119
VANGS	0.0948	0.9040	0.7901	0.7439	0.3431	0.9905	0.9917	0.8847	0.9854	-0.9979	0.9925	0.5861
SHWML	-0.9951	-0.9071	-0.7914	-0.7425	-0.3412	-0.9908	-0.9935	-0.8888	-0.9058	0.9573	-0.9953	-0.5869
LINDOL	-0.9308	-0.9485	-0.6092	-0.8888	-0.4697	-0.9218	-0.9897	-0.9761	-0.9703	0.9994	-0.9877	-0.7727
KXLLML	-0.9521	-0.9752	-0.6455	-0.8645	-0.5308	-0.9103	-0.9953	-0.9652	-0.9286	0.9966	-0.9935	-0.7417
HOXOL	-0.9462	-0.9332	-0.7487	-0.7856	-0.4032	-0.9795	-0.9889	-0.9774	-0.9723	0.9765	-0.9905	-0.4374
APXAN	0.9964	0.9007	0.6004	0.7324	0.2070	0.9927	0.9916	0.8818	0.9882	-0.9929	0.9937	0.5722
APXPS	-0.9885	-0.6878	-0.6174	-0.7124	-0.2996	-0.9958	-0.9873	-0.8678	-0.9982	0.9437	-0.9900	-0.5483
BSAN	0.9018	0.9962	0.3359	0.9222	0.4508	0.8354	0.9730	0.9917	0.8897	-0.9985	0.9689	0.4258
BSPS	0.7396	0.9792	0.2708	0.9995	0.8344	0.7186	0.6534	0.9658	0.6912	-0.9489	0.8569	0.9930
SVINGS	0.9970	0.6192	0.8863	0.6134	0.7710	0.9992	0.9980	0.7960	1.0000	-0.8977	0.9588	0.4330
NSCOW	-0.6109	-0.9288	-0.0988	-0.9968	-0.9177	-0.9817	-0.7051	-0.9434	-0.9546	0.6674	-0.7540	-0.9912
PIREW	-0.9934	-0.6722	-0.9648	-0.4237	0.0511	-0.9655	-0.8709	-0.6407	-0.9736	0.7694	-0.8792	-0.2231
PYLLN	0.9363	0.6271	0.9802	0.6695	-0.1099	0.9485	0.9406	0.9903	0.9984	-0.7306	0.9496	0.1451
INTLN	1.0000	0.8608	0.8442	0.6723	0.2461	0.9993	0.9772	0.8389	0.9976	-0.9230	0.9807	0.4309
NFLOR	0.8608	1.0000	0.6805	0.9555	0.7051	0.9492	0.9991	0.8235	-0.9901	0.9437	0.9717	0.8717
CORRLN	0.6802	0.4605	1.0000	0.1780	-0.3017	0.8669	0.7164	0.8858	-0.9808	0.7882	-0.9336	0.4336
CORLWD	0.6723	0.9555	0.1780	1.0000	0.6830	0.6488	0.4141	0.9469	0.4194	-0.9044	0.8081	0.9775
CORTWD	0.2461	0.7051	-0.3017	0.6830	1.0000	0.4663	0.7349	0.1784	0.9984	-0.4309	0.9601	0.4691
STNLOL	0.9993	0.8777	0.6669	0.6488	0.2106	1.0000	0.9688	0.8185	0.9999	-0.9993	0.9729	0.4691
STBLN	0.9772	0.9492	0.7164	0.8141	0.4663	0.9688	1.0000	0.9313	0.9601	-0.9981	0.9999	0.6733
STBND	0.9189	0.9991	0.4211	0.9669	0.7340	0.8185	0.9313	1.0000	0.7991	-0.9933	0.9991	0.6013
ACKLN	0.9976	0.8235	0.8828	0.6194	0.1784	0.9995	0.9601	0.7991	1.0000	-0.8251	0.9648	0.4398
ACKWD	-0.8238	-0.9901	-0.5808	-0.9044	-0.9984	-0.9093	-0.9841	-0.9833	-0.8291	1.0000	-0.9809	-0.1941
NYPAC	0.9007	0.9417	0.7282	0.8091	0.4509	0.9992	0.9997	0.9997	0.9994	-0.9909	1.0000	0.6605
CRPHWD	0.5009	0.6717	-0.0336	0.9775	0.9621	0.6691	0.6733	0.6913	0.4398	0.7991	0.6605	1.0000
GRPHWD	-0.6369	-0.9959	-0.886	-0.1426	0.9992	-0.6693	-0.9886	-0.9887	-0.9887	0.9987	-0.4713	-0.1882
MAHOFHO	-0.8437	-0.9995	-0.4313	-0.9646	-0.7279	-0.8236	-0.9385	-1.0000	-0.8045	0.9889	-0.9324	-0.8872
IBLWR	0.9989	0.8841	0.8220	0.7058	0.2920	0.9965	0.9862	0.8619	0.9932	-0.9410	0.9889	0.5416
OBLLR	0.9403	0.5363	0.7718	0.1802	-0.0984	0.9501	0.8666	0.6036	0.9616	-0.7385	0.8556	0.1705
INVLWR	0.3603	-0.1646	0.7997	-0.1484	-0.8155	0.1900	0.1940	-0.2055	0.4241	0.0242	0.1709	-0.4268
CHLLWR	0.7427	0.3082	0.9850	0.0051	-0.4647	0.7677	0.9490	0.2602	0.7888	-0.4314	0.9988	-0.2058
ACLLR	0.9267	0.8334	0.8744	0.6332	0.1927	0.9999	0.9609	0.9998	0.9998	-0.9909	0.9991	0.4956
CORLWR	0.9828	0.9400	0.7328	0.7974	0.4208	0.9754	0.9996	0.9929	0.9677	-0.9786	0.9999	0.6521
STLLR	0.9407	0.9824	0.6182	0.6433	0.2403	0.9777	0.9913	0.9713	0.9150	-0.9909	0.9989	0.1048
YFLPLR	-0.9730	-0.9551	-0.7029	-0.8251	-0.4633	-0.9639	-0.9998	-0.9949	-0.9946	0.9873	-0.9993	-0.6873
INTFLWR	0.9825	0.9151	0.6635	0.9933	0.9312	0.9325	0.7418	0.9311	0.9248	-0.8493	0.7322	0.9993
LINFLWR	0.9127	0.9936	0.5576	0.9161	0.6207	0.9772	0.9785	0.9981	0.8822	-0.9996	0.9750	0.6109

CANONICAL DISCRIMINANT ANALYSIS
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VARIABLE	CRNPHD	HNWPHD	IBLMR	OBLMR	INVLNR	CRCLNR	LCCLNR	CORCLNR	STLLBR	TFLPLR	INFLMR	LRNPHR
RACHLEN	0.3147	0.9808	-0.9484	-0.7535	0.0017	-0.4516	-0.9123	-0.9430	-0.9997	0.9906	-0.8772	-0.9987
INTNLEJ	0.2471	-0.9310	0.6275	0.7797	-0.5409	-0.1011	0.5472	0.7286	0.8287	-0.7603	1.0000	0.8683
NBR	-0.5088	-0.9172	0.9941	0.8757	0.7103	0.6305	0.9784	0.9996	0.9261	-0.9771	0.7022	0.9583
IBRM	0.2909	-0.9135	0.9315	0.7357	-0.5786	-0.1862	0.5086	0.6968	0.8028	-0.7300	0.9991	0.8484
OBRM	-0.0388	-0.9964	0.8231	0.5413	-0.2792	0.1862	0.7628	0.8934	0.9937	-0.9127	0.9561	0.9735
INWNR	-0.1780	0.2985	0.8944	0.6534	-0.1824	0.3216	0.8456	0.9474	0.9964	0.9615	0.9058	0.9959
PHCL	-0.2967	-0.4692	1.0000	0.9294	0.7138	0.7700	0.9949	0.9907	0.9963	0.9832	0.6219	0.9317
LRBP	-0.5831	-0.8781	0.9998	0.9151	0.2963	0.6969	0.9929	0.9931	0.9615	0.9864	0.6362	0.9382
INFL	-0.8313	-0.9486	0.9807	0.8300	0.1238	0.5599	0.9665	0.9973	0.9948	0.9999	0.7620	0.9885
INFW	-0.8720	-0.9340	0.9882	0.8534	0.1687	0.5953	0.9682	0.9949	0.9895	0.9995	0.7332	0.9759
VANOS	0.7022	-0.6198	0.1490	-0.2429	-0.6914	-0.5892	0.0302	0.2835	0.4331	-0.3287	0.6878	0.8094
VANOS	-0.1554	-0.9534	0.9986	0.9010	0.5639	0.4721	0.9883	0.9965	0.9703	0.9914	0.6412	0.9494
SILINL	0.5571	0.8929	-0.9987	-0.9019	-0.2658	-0.6738	-0.9886	-0.9963	-0.9658	0.9911	-0.6604	-0.9488
INWNR	0.3268	0.9782	-0.9504	-0.7818	-0.0111	0.4630	-0.9175	-0.9893	-0.9999	0.9923	-0.8301	-0.9984
PHCL	0.2707	0.3672	-0.3655	-0.7911	-0.0377	-0.3037	-0.5320	-0.9922	-0.9994	0.9910	-0.4033	-0.9919
HNWNL	0.5004	0.9210	-0.9930	-0.8710	0.2008	-0.8229	-0.9763	-0.9998	-0.9839	0.9978	-0.7091	-0.9678
APKAR	0.5695	-0.8860	0.9993	0.9082	0.3203	0.6488	0.9907	0.9949	0.9660	0.9880	0.4491	0.9439
APKPS	0.5930	0.8723	-1.0000	-0.9159	-0.5079	-0.7055	-0.9943	-0.9916	-0.9581	0.9843	-0.6268	-0.9340
BSAN	-0.2411	-0.9928	0.9214	0.7009	-0.0782	0.3820	0.8783	0.9911	0.9949	-0.9772	0.8766	0.9997
BSPS	0.0479	-0.9853	0.7708	0.8664	-0.3614	0.1003	0.7039	0.8511	0.9204	-0.8750	0.9779	0.9501
SVING	-0.6942	-0.8000	0.9923	0.9637	0.4309	0.7930	0.9997	0.9657	0.9119	0.9524	0.5184	0.8786
HSQCV	0.2213	0.9404	-0.6480	-0.3051	0.5184	0.0747	-0.5693	-0.7486	-0.8333	0.7773	-0.9994	-0.9811
PIHNV	0.6161	0.6576	-0.9002	-0.9989	-0.5197	-0.9080	-0.9699	-0.8849	-0.7886	0.8634	-0.5166	-0.7513
PTLLR	-0.8670	-0.6015	0.9185	0.9999	0.6649	0.9312	0.9732	0.8254	0.7617	-0.8299	0.2600	0.7120
INTLA	-0.6369	-0.6431	0.9969	0.9803	0.7439	0.9983	0.9907	0.9803	0.9807	-0.9730	0.9127	0.9984
INFLR	-0.1959	-0.9995	0.8411	0.6363	-0.1646	0.8005	0.8334	0.9400	0.9900	0.9951	0.9151	0.9236
CORLLR	-0.9484	-0.4113	0.8220	0.9778	0.7997	0.2850	0.8744	0.7358	0.6182	-0.7029	0.0635	0.2576
CORLND	0.1426	0.9646	0.1068	0.8802	-0.4484	0.0993	0.6332	0.7974	0.8035	-0.8291	0.9913	0.9161
CORTLD	0.5909	-0.7279	0.2920	-0.0984	-0.8155	-0.4647	0.1957	0.4208	0.5603	-0.4633	0.9312	0.6207
STIMXOL	-0.6445	-0.8236	0.9965	0.9521	0.3940	0.7677	0.9999	0.9749	0.9277	-0.9639	0.5292	0.8972
STILA	-0.5966	-0.5385	0.9862	0.8464	0.1540	0.5450	0.9689	0.9996	0.9913	-0.9998	0.7183	0.9786
STEND	-0.1146	-1.0000	0.6639	0.6036	-0.2025	0.2502	0.8097	0.9249	0.9138	0.9419	0.9311	0.9881
ACHOLN	0.6887	-0.8005	0.9932	0.9816	0.8241	0.7884	0.9998	0.9677	0.9150	0.9546	0.5246	0.8822
ACHOND	0.2932	0.9949	-0.9410	-0.7185	0.0202	-0.4314	0.9029	-0.9909	-0.9991	-0.9991	0.8491	0.9795
HYFAC	-0.4733	0.9324	0.9889	0.8256	0.1709	0.9988	0.9693	0.9993	0.9989	0.9993	0.7302	0.9750
CRNPHD	0.1482	-0.4976	0.5416	0.7765	0.6268	-0.2058	0.4591	0.1648	0.6873	0.6873	0.9951	0.9951
CRNPHD	1.0000	0.1235	-0.5994	-0.6612	-0.9487	-0.9490	-0.6758	-0.4836	-0.1376	0.4416	0.2257	-0.2661
HNWPHD	0.1235	1.0000	-0.6684	-0.8107	-0.1967	-0.2689	-0.8149	-0.9281	-0.9798	0.9449	-0.9276	-0.9894
IBLMR	-0.9808	-0.9684	1.0000	0.9234	0.1594	0.7112	0.9921	0.9905	0.9909	0.9606	0.6206	0.9111
OBLMR	-0.6812	-0.6107	0.9234	1.0000	0.2562	0.9269	0.9564	0.8614	0.7691	-0.8363	0.8712	0.7191
INVLNR	-0.5487	-0.1967	0.1594	0.2562	1.0000	0.8915	0.4080	0.1819	0.0225	-0.1351	-0.5483	-0.0524
CRCLNR	-0.9890	-0.9589	0.7112	0.9269	0.8915	1.0000	0.7744	0.6077	0.4731	-0.5604	-0.1099	-0.4064
ACCLNR	-0.6758	-0.8169	0.9951	0.9565	0.4080	0.7774	1.0000	0.9720	0.9220	-0.9597	0.5398	0.8904
CORCLNR	-0.4836	-0.9283	0.9905	0.8611	0.1819	0.6077	0.9720	1.0000	0.9872	-0.9989	0.7225	0.9725
STLLBR	-0.2376	-0.9758	0.9558	0.7691	0.0225	0.4731	0.9220	0.9872	1.0000	0.9936	0.8237	0.9972
TFLPLR	0.4416	0.9449	-0.9829	-0.6363	-0.1351	-0.5594	-0.9597	-0.9989	-0.9936	1.0000	-0.7545	-0.9624
INFLMR	-0.2597	-0.5278	0.6206	0.7712	-0.5522	-0.1099	-0.5198	-0.7226	-0.8237	-0.7545	1.0000	0.8639
LRNPHR	-0.2661	-0.9894	0.9311	0.7191	-0.0524	0.4058	0.8904	0.9724	0.9972	-0.9824	0.8639	1.0000

CANONICAL DISCRIMINANT ANALYSIS

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VARIABLE	RACHLEN	INTNOLN	NBR	IBRW	ODRW	INPOW	PKOL	LBRP	INFL	INFW	VANGS	VANGB
RACHLEN	1.0000	0.6327	0.0504	0.1138	0.1058	0.1852	0.0956	0.0442	0.1303	0.1646	0.0413	-0.0232
INTNOLN	0.6327	1.0000	0.3559	0.1169	0.1066	0.1095	-0.0732	0.0280	-0.0271	-0.0413	0.0755	-0.0740
NBR	0.0504	0.3559	1.0000	0.1319	0.0660	0.2777	0.0005	0.0854	0.0681	0.1456	0.2320	-0.2126
IBRW	0.1138	0.1169	0.1319	1.0000	0.2400	0.3987	-0.0024	0.0582	0.1749	0.1694	0.0306	-0.0734
ODRW	0.1058	0.1066	0.0660	0.2400	1.0000	0.4778	0.1350	0.2600	0.4524	0.3956	-0.1052	-0.0000
INPOW	0.1852	0.1095	0.2777	0.3987	0.4778	1.0000	0.2139	0.2188	0.7577	0.6764	0.1275	0.0797
PKOL	0.0956	-0.0732	0.0005	-0.0024	0.2350	0.2139	1.0000	0.2380	0.2835	0.2605	-0.0148	-0.0347
LBRP	0.0442	-0.0280	0.0854	0.0582	0.2380	0.2380	0.2380	1.0000	0.2495	0.1035	0.0661	-0.0560
INFL	0.1303	-0.0271	0.0681	0.1749	0.4524	0.7577	0.2835	0.2495	1.0000	0.6387	0.0716	0.1377
INFW	0.1646	-0.0413	0.1456	0.1694	0.3956	0.6764	0.2605	0.1035	0.6387	1.0000	0.336	0.0582
VANGS	0.0413	0.0755	0.2320	0.0306	-0.0734	0.1275	-0.0148	0.0661	0.0716	0.336	1.0000	0.3184
VANGB	-0.0232	-0.0740	-0.2126	-0.0734	-0.0000	0.0797	-0.0347	-0.0560	0.1377	0.0582	0.3184	1.0000
ILWDR	-0.0216	-0.0762	0.2018	0.1822	0.1416	0.1766	0.0788	0.1595	0.1802	0.0608	0.0101	-0.0415
KLWDR	-0.1486	-0.1699	0.1310	0.0370	0.1043	0.0432	0.0801	0.1069	0.0607	-0.0476	-0.0958	-0.2044
KHLLN	0.0913	0.1801	-0.1037	0.0739	-0.0087	0.0923	0.1583	-0.0773	-0.1597	-0.2206	0.0043	0.0002
KHDLN	0.1888	-0.2563	-0.2196	0.0271	-0.1125	-0.1192	-0.2069	-0.1900	-0.1958	-0.1334	0.0840	0.1684
APKAN	0.0419	0.1062	0.0081	0.0923	-0.1304	-0.0359	-0.0877	-0.1254	-0.0621	0.0572	0.0881	0.0650
APFAS	-0.0189	-0.0214	0.0279	-0.0508	-0.0485	-0.0144	0.0188	0.0054	-0.0208	-0.0068	-0.0473	-0.0370
BSAN	0.1022	0.0862	0.0095	-0.0039	0.0694	0.2116	0.0294	0.0878	0.2074	0.1821	0.1783	0.1001
BSFS	0.0712	0.0506	0.5331	0.0143	0.1202	0.2912	0.1754	0.2085	0.2652	0.2385	0.2436	0.2402
SVINS	0.0336	0.0025	0.0622	-0.0561	-0.0322	0.0038	-0.0157	-0.0491	-0.0107	0.0694	0.1117	0.1937
NSREV	-0.0093	0.0288	0.0189	0.0456	-0.0337	-0.0386	-0.1192	0.0156	-0.0740	-0.0803	0.1460	0.2343
PIREV	0.1663	0.2566	-0.0919	0.0067	-0.1386	-0.1568	-0.0443	-0.0860	-0.1908	-0.1844	0.0973	-0.0536
FTLLN	0.1430	0.0493	0.0721	0.0485	0.1447	0.0168	0.0594	-0.1077	0.1247	0.0278	-0.0514	-0.1953
INTFL	0.1607	0.0941	-0.1033	0.0519	-0.0792	-0.0156	-0.1024	0.0740	-0.0900	-0.0294	-0.0275	-0.0515
INFLR	0.1167	0.0037	0.1805	0.0481	0.1314	0.0254	0.2037	0.5211	0.2637	0.0750	0.0640	0.0092
COBLLN	0.0740	0.1160	0.2331	0.0752	-0.0813	0.2646	-0.0087	-0.0336	0.3241	0.1839	0.0088	0.0092
COBLLR	-0.1361	-0.0891	0.1184	0.1627	0.1147	0.0936	0.1769	0.0029	0.1443	0.2003	-0.0672	0.0112
COBLLR	0.0267	0.0222	0.0469	0.0521	0.0507	0.0517	0.0802	-0.0279	0.1759	0.0743	-0.1741	-0.0692
STKLLR	0.0981	0.2138	0.2186	0.1577	-0.0082	0.1877	-0.0474	-0.0571	0.1995	0.0914	0.1404	-0.0296
STBLL	0.0502	0.1048	0.0812	0.0789	0.2646	0.3778	0.1279	0.0573	0.3521	0.3521	0.1910	0.1910
STBDR	0.1759	0.1395	0.2916	0.1474	0.0656	0.2041	0.0652	0.0927	0.2739	0.2679	-0.0100	-0.0667
ACHWLN	0.1316	-0.1057	0.3084	0.0368	0.2463	0.5034	0.2483	0.1786	0.7447	0.6306	0.0011	0.0133
ACHWLN	-0.0119	-0.1581	0.1708	0.0481	0.2705	0.3180	0.1170	-0.0001	0.3892	0.2965	0.0361	0.1064
HYFAC	-0.0930	-0.0021	0.0635	0.1860	0.2397	0.1211	0.1612	0.1450	0.1487	0.1191	-0.0010	-0.0971
GRHND	0.1381	0.2376	0.1567	0.3598	0.0734	0.2845	0.0297	-0.1451	0.5535	0.3765	0.0088	0.0088
GRHND	-0.0624	0.0634	-0.0393	0.0640	0.1230	-0.0002	-0.0314	-0.0682	-0.1528	-0.0345	0.1046	-0.0584
GRHND	0.0920	0.3047	-0.2218	-0.1444	-0.2372	-0.3346	-0.1463	-0.0261	-0.3100	-0.1651	-0.0115	-0.1003
ILWLR	-0.0260	-0.0607	0.1900	-0.0675	0.2955	0.0255	0.1457	0.2051	0.2175	0.0043	0.1136	0.1136
OBWLR	-0.0573	-0.0822	0.0486	-0.2930	-0.3505	-0.0287	0.0834	0.1046	0.1396	0.0676	0.0548	0.0689
IRVWLR	-0.1539	-0.1486	0.2707	-0.3035	-0.0766	-0.3052	-0.0336	-0.0579	0.2099	-0.2750	0.0225	0.1686
CLWLR	0.1575	0.1836	0.1702	-0.0132	-0.0269	0.2816	-0.1412	-0.0513	0.2266	0.0999	0.0375	0.0020
ACLWLR	0.1548	-0.0287	0.2420	-0.1047	0.1178	0.2752	0.2175	0.2019	0.5984	0.5351	0.0272	0.0682
COBLLR	0.0315	-0.0617	-0.0407	0.0913	0.3316	0.0913	0.2010	0.6944	0.2800	0.0047	0.1071	0.1071
STLLR	0.0112	-0.2013	0.2269	-0.0338	0.3588	0.1291	0.1964	0.2538	0.5271	0.3363	-0.0789	0.0349
FTFLR	0.1763	-0.0939	-0.1384	0.1280	-0.1139	-0.0708	0.1463	-0.0347	-0.0042	0.1269	0.0073	0.0689
INFLR	-0.0711	0.0222	0.1818	0.0277	0.1384	-0.0740	-0.0689	0.2140	-0.0885	0.0399	0.0741	0.0741
LRNFR	-0.1016	0.0222	0.1265	0.1928	0.3467	0.5227	0.3753	0.1018	0.4865	0.2577	0.0834	0.1027

CANONICAL DISCRIMINANT ANALYSIS
POOLED WITHIN-CLASS CORRELATION MATRIX

VARIABLE	SHNL	LNWRL	NKXNL	NGXOL	APKAN	APKPS	BSAN	BSPS	SVNG	NSECV	PINSV	PTLLN
RACHLN	-0.0386	-0.1880	0.0973	0.1888	0.0419	-0.0189	0.1022	0.0712	0.0536	-0.0053	0.1668	0.1830
INTDNL	-0.0762	-0.1699	0.1301	0.2563	0.1062	-0.0214	0.0862	0.0506	0.0425	0.0288	0.2366	0.0493
HBR	0.2418	0.1310	0.1037	0.2196	0.0081	0.0279	0.0995	0.2331	0.0622	0.0169	-0.0919	0.0721
IBRM	0.1523	0.0320	0.0739	0.0271	0.0923	-0.0208	-0.0039	0.0183	-0.0351	0.0086	0.0057	0.0085
ODRM	0.1416	0.1043	-0.0087	-0.1125	-0.1304	-0.0885	0.0694	0.1282	-0.0392	-0.0337	-0.1326	0.1487
IBPM	0.1756	0.0432	-0.0923	-0.1192	-0.0399	-0.0184	0.2116	0.2912	0.0238	-0.0386	-0.1568	0.0188
PKKL	0.0769	0.0801	-0.1582	-0.2059	-0.0877	0.0198	0.0294	0.1754	-0.0157	-0.1192	-0.0443	0.0594
LBKP	0.1595	0.1069	-0.0773	-0.1500	-0.1256	0.0854	0.0878	0.0805	-0.0491	0.0156	-0.0660	-0.1077
INFL	0.1882	0.0607	-0.1907	-0.1958	-0.0621	-0.0208	0.2074	0.2652	-0.0107	-0.0740	-0.1948	0.1287
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	-0.0958	0.0041	0.0848	0.0041	0.0473	0.1763	0.2436	0.1117	0.1460	0.0973	-0.0314
VANGB	-0.0815	-0.2084	0.0082	0.1684	0.0650	-0.0370	0.3001	0.3408	0.1937	0.2383	-0.0536	-0.1959
SHNL	1.0000	0.7965	0.2033	-0.5042	-0.2516	-0.2126	-0.2269	0.2580	0.2194	0.0507	-0.0889	0.1081
LNWRL	0.7965	1.0000	0.2043	-0.5932	-0.3687	-0.0893	-0.5266	-0.0587	-0.2299	0.1023	-0.0802	0.1607
NKXNL	0.2033	0.2043	1.0000	0.5569	-0.2597	0.1328	-0.0062	0.1156	-0.1413	0.3754	0.1946	0.2771
NGXOL	-0.5042	-0.5932	0.5569	1.0000	0.1368	0.1810	0.8710	0.1234	0.0735	0.2077	0.2245	0.1744
APKAN	-0.2516	-0.3687	-0.2597	0.1368	1.0000	-0.1678	0.0985	-0.0738	-0.1516	-0.1576	0.1607	-0.1056
APKPS	-0.2126	-0.0893	0.1328	0.1810	-0.1678	1.0000	0.0591	-0.0216	0.0636	0.0456	-0.0596	0.1044
BSAN	-0.2269	-0.5266	-0.0062	0.8710	0.0985	0.0591	1.0000	0.9417	0.2135	0.1316	0.0121	-0.1132
BSPS	0.2580	-0.0587	0.1156	0.1234	-0.0738	-0.0216	0.9417	1.0000	0.0498	0.2128	-0.3369	-0.1006
SVNG	-0.2194	-0.2299	-0.1413	0.0735	0.1516	0.0636	0.2135	0.0498	1.0000	0.2643	-0.1112	-0.1692
NSECV	0.0507	0.1023	0.3754	0.2077	-0.0576	0.0466	0.1316	0.2128	0.2643	1.0000	-0.1363	0.1561
PINSV	-0.0889	-0.0802	0.1946	0.2245	0.1607	-0.0596	0.0121	-0.3369	-0.1112	-0.1363	1.0000	0.0547
PTLLN	0.1081	0.1606	0.2771	0.1744	-0.1496	0.1044	-0.1132	-0.1692	-0.1692	0.1561	0.0547	1.0000
INFL	-0.0836	-0.0295	0.2596	0.2016	-0.0077	0.1041	0.2641	0.2307	0.0119	0.0747	-0.0558	-0.0312
NFLOR	0.1172	0.0750	-0.0415	-0.1129	-0.1603	0.0549	0.2119	0.3218	0.0163	-0.0713	-0.1607	-0.0279
CORLRL	-0.1386	-0.1632	-0.0256	0.1159	0.0995	0.0451	0.2074	0.1171	0.1078	0.0472	0.0711	0.0669
CORLND	-0.0821	-0.1163	-0.0908	0.0315	0.1209	-0.0632	0.1819	0.1177	-0.0702	0.0314	-0.0431	-0.1321
CORLWD	-0.0491	-0.0774	0.0233	0.0880	0.0477	-0.0784	0.0952	0.0989	-0.1220	-0.0406	0.0023	0.1494
STXKLOL	-0.0289	-0.0476	0.0506	0.0657	-0.0217	-0.0886	-0.0486	-0.1434	0.0596	0.0229	0.1228	-0.0355
STBL	0.0918	-0.0128	-0.1117	-0.1233	0.0610	-0.0260	0.0546	0.0533	0.0484	-0.0816	-0.0381	-0.0679
STBND	0.0456	-0.0527	-0.0919	-0.0028	0.1797	-0.0349	0.0264	0.1335	-0.0660	-0.1282	0.1045	0.0750
ADSKLN	0.1302	0.0462	-0.1525	-0.1646	-0.0772	0.0100	0.1429	0.2268	-0.0588	-0.0862	-0.2782	0.0929
ADKND	0.1708	0.0821	-0.0253	-0.0811	-0.0265	-0.1605	0.0870	0.0683	-0.0673	-0.0677	-0.1567	0.1314
RYPAC	-0.0220	-0.0185	-0.1139	-0.0581	0.0857	-0.1885	-0.0568	-0.1362	-0.0421	-0.1278	0.0139	-0.0043
CRNND	-0.0800	-0.1349	0.0386	0.0546	0.2038	-0.2631	0.1372	0.2168	0.0414	0.0092	0.1063	0.0214
CRNWD	-0.0086	-0.0478	0.1124	0.1180	0.0695	-0.0244	0.0703	0.1186	-0.0390	0.0903	0.1444	-0.0978
NUMOFND	-0.0557	-0.0885	0.1912	0.2159	-0.0061	0.0056	-0.0197	-0.0735	0.0519	0.0803	0.1107	0.1000
ILLR	0.0669	0.0577	-0.1375	-0.1622	-0.1076	0.0425	0.1917	0.0161	-0.0408	-0.0731	0.0431	-0.0811
GBLR	-0.0198	0.0213	-0.0301	-0.0508	-0.2195	0.1620	0.0691	0.1513	-0.0469	-0.0733	-0.0613	-0.0666
INVLWR	0.0654	0.0523	-0.0019	-0.0253	-0.0757	0.0897	0.0358	-0.0241	-0.0066	0.0902	-0.0120	0.1525
ORLLR	-0.0402	-0.0825	0.0158	0.0225	0.0107	0.0899	0.1463	0.0359	0.1532	0.0352	0.0880	0.0054
ACLWR	0.0478	0.0149	-0.1621	-0.1501	-0.0919	0.1104	0.0965	0.2000	-0.0272	-0.1473	-0.2191	0.0087
CORLWR	0.1081	0.0388	-0.1227	-0.1919	-0.0832	0.0601	0.1166	0.1827	0.0158	-0.0463	0.0913	0.0793
STBLR	0.1240	0.0307	-0.1804	-0.1795	-0.0428	-0.0796	0.1917	0.2859	-0.0781	-0.1488	-0.1591	0.1268
TFLPLR	-0.0795	-0.0732	-0.1146	0.0025	0.0373	0.0494	-0.0229	-0.0083	0.0216	-0.0826	-0.0913	-0.0609
INFLWR	0.1454	0.1519	0.1205	-0.0301	-0.1316	0.0562	-0.0545	-0.0766	-0.0803	0.0570	0.0279	0.1019
LRNFR	0.0009	-0.0339	-0.1476	-0.0772	0.0238	0.0085	0.1820	0.1731	0.0035	-0.0772	-0.0393	-0.0788

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VARIABLE	INTLN	WFLOR	CORLLN	CORLWO	CORTWO	STOKLLO	STBLN	STBWO	ACKLKN	ACKWBO	WVPAC	CRWNO
RACHLEN	0.1607	0.1167	0.0780	-0.1361	0.0897	0.0981	0.0592	0.1799	0.1376	-0.0119	-0.0990	0.1381
WYTHOLN	0.0941	0.0037	0.1160	-0.0891	-0.0222	0.2138	-0.1288	0.1395	-0.1057	-0.1581	-0.0021	0.2276
NDR	-0.1033	0.3985	0.2321	0.1164	0.0464	0.2186	0.2812	0.2916	0.3084	0.1708	0.0635	0.1567
IBRM	0.0519	0.0881	0.0752	0.1627	0.0421	0.1577	0.0789	0.1074	0.0368	0.2492	0.2899	0.1860
OBIM	-0.0702	0.1314	-0.0513	0.1187	0.0567	-0.0082	0.5086	0.0656	0.2461	0.2705	0.2377	0.0751
IMPMK	-0.0156	0.6938	0.2866	0.0936	0.0517	0.1877	0.3778	0.2041	0.5034	0.3100	0.1211	0.3242
PKOL	-0.1024	0.2541	-0.0087	0.1769	0.0402	-0.0474	0.1527	0.5692	0.2883	0.1170	0.1612	0.0297
LDRP	0.0780	0.2030	-0.0436	0.0029	-0.2078	-0.0571	0.1279	0.0027	0.1792	-0.0001	0.1450	-0.1155
INFL	-0.0900	0.9213	0.3911	0.1263	0.1788	0.1998	0.5373	0.2199	0.7447	0.3992	0.1467	0.2335
INFW	-0.0294	0.5637	0.1839	0.2003	0.0933	0.0918	0.1501	0.2679	0.4306	0.2966	0.1151	0.3031
VANGS	-0.0275	0.0150	0.8088	-0.0272	-0.1741	0.1404	0.0574	-0.0180	0.0011	-0.0581	-0.0010	0.0765
VANGB	-0.0915	0.0044	0.0092	0.0112	-0.0692	-0.0256	0.1570	-0.0687	0.0133	0.1764	-0.0971	0.0996
SHLIL	-0.0836	0.1172	-0.1386	-0.0821	-0.0891	-0.0289	0.0418	0.2456	0.1302	0.1783	-0.0250	-0.0080
LINWRL	-0.0255	0.0780	-0.1632	0.1183	-0.0774	-0.0476	-0.0128	-0.0527	0.0482	0.0821	-0.0189	-0.1349
KOLIL	0.2566	-0.0919	-0.0256	-0.0928	0.0233	0.0936	-0.1177	-0.0515	-0.1525	-0.0253	-0.1139	-0.0320
MMOL	0.2816	-0.1129	0.1159	0.0315	0.0880	0.0657	-0.1223	-0.0238	-0.1646	-0.0831	-0.0581	0.0956
APKAN	-0.0077	-0.1503	0.0995	0.1209	0.0477	-0.0817	0.7610	0.1797	-0.0772	0.0256	0.0857	0.2094
APKPS	0.1081	0.0540	0.0451	-0.0832	-0.0788	0.0286	-0.0280	-0.0439	0.0180	-0.1665	-0.1805	-0.0631
BSAN	0.0247	0.2119	0.2474	0.1419	0.0932	-0.0426	0.0936	0.0564	0.1429	0.0850	-0.0568	0.1372
SSPS	0.0307	0.3718	0.1171	0.1177	0.0989	-0.1424	0.5233	0.1355	0.2268	0.0870	-0.1382	0.0168
SVINS	0.0119	-0.0113	0.1078	-0.0702	-0.1220	0.0596	0.0464	-0.0660	-0.0598	-0.0603	-0.0421	0.0414
NSECV	0.0747	-0.0173	0.0472	0.0314	-0.0406	0.0225	-0.0816	-0.1282	-0.0862	0.0677	-0.1278	0.0092
PANV	0.0988	-0.1608	0.0712	-0.0431	0.0023	0.1328	0.0543	0.1085	-0.2782	-0.1507	0.0139	-0.1063
PTLLJ	-0.0312	-0.0279	0.0869	-0.0321	0.1494	-0.0355	0.0679	0.0758	0.0924	0.1314	-0.0843	0.0214
INTLN	1.0000	-0.0599	0.0637	-0.1126	-0.0696	-0.0854	-0.0059	0.0194	-0.0202	-0.0388	0.0612	0.0000
WFLOR	-0.0599	1.0000	0.0599	-0.0259	0.0008	-0.0813	0.1539	0.0995	0.1512	0.0774	-0.0177	-0.0240
CORLLN	0.0637	0.0599	1.0000	0.3804	0.3931	0.2421	0.1603	0.1889	0.1589	0.1918	0.0273	0.2939
CORLWO	-0.1126	-0.0259	0.3804	1.0000	0.4978	0.0845	0.0845	0.2453	0.1152	0.1275	0.2666	0.1971
CORTWO	-0.0696	0.0008	0.3931	0.4978	1.0000	0.0997	0.2249	0.3403	0.1646	0.3400	0.0998	0.3280
STOKLLO	-0.0854	-0.0822	0.2956	0.0843	0.0927	1.0000	0.1797	0.1552	0.0143	0.1072	0.0927	0.3013
STBLN	-0.0059	0.1539	0.1889	-0.0845	0.2249	0.1797	1.0000	0.1265	0.4622	0.2958	-0.1741	0.2066
STBWO	-0.0296	0.0495	0.1889	0.2453	0.3403	0.1552	0.1265	1.0000	0.1356	0.1536	0.1853	0.4493
ACKLKN	0.0194	0.1512	0.1889	0.1152	0.1646	0.0143	0.4622	0.1356	1.0000	0.1356	0.2273	0.1547
ACKWBO	-0.1202	0.0174	0.1918	0.1275	0.3400	0.1072	0.2958	0.1536	0.1356	1.0000	0.1555	0.3396
WVPAC	-0.0389	-0.0177	0.0273	0.2666	0.0998	0.0927	0.1741	0.1853	0.0273	0.1555	1.0000	0.1113
CRWNO	0.0612	-0.0580	0.2939	0.1971	0.3000	0.3013	0.2006	0.1947	0.1947	0.1947	0.2811	0.0000
CRWNO	0.1544	-0.1395	0.1839	0.3582	0.2231	0.1671	-0.0434	0.2432	-0.1522	0.1643	0.1745	0.4376
MANFRO	0.1889	-0.2039	-0.0409	-0.1473	0.0321	-0.0464	-0.1337	0.0180	-0.0868	-0.0637	-0.0433	0.0127
BLMR	-0.1292	0.3472	0.1944	0.0107	0.0187	0.0090	0.2792	0.0267	0.3518	0.0331	-0.0023	-0.1038
OBILR	0.0036	0.1247	0.0459	-0.0240	0.0256	-0.0484	0.1170	-0.0397	0.1177	0.1502	-0.0511	0.1267
INILWR	-0.0719	-0.2201	0.1117	0.0174	0.0337	0.0349	0.0992	0.0199	-0.0370	-0.0015	-0.1663	0.0000
CRILWR	0.1363	0.0907	0.7940	-0.2897	0.0690	0.2056	0.1560	0.0392	0.0840	-0.0170	-0.1498	0.0412
ACLWR	0.0799	0.3515	0.0768	-0.0560	-0.0144	-0.0529	0.0456	0.0770	0.0509	-0.0637	-0.0433	0.0127
CRILWR	-0.0476	0.4539	0.1605	-0.0801	0.0291	0.0938	0.1248	-0.0388	0.3919	0.0795	0.0151	-0.2785
STILWR	-0.0074	0.4182	0.0456	0.1016	0.1338	-0.0110	0.0892	0.1177	0.0334	0.1968	0.0818	-0.0270
ITLPLA	0.1101	-0.0882	-0.0755	0.0050	0.1399	-0.1171	0.0982	0.0551	0.1327	0.2205	-0.1200	0.0132
LINFLR	-0.0190	-0.1793	0.0992	-0.0934	0.0183	0.1511	-0.1156	-0.1236	-0.0360	-0.0007	0.0093	-0.1595
LINFLR	-0.0948	0.3081	0.2310	0.1655	0.1049	0.1029	0.2281	0.1460	0.2815	0.1461	0.2567	0.2701

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VARIABLE	CRHWFH	SHWOFH	IBLWR	COLWR	INVLWR	COLLWR	ADLWR	COLRLR	STLLR	TFLPLR	INFLWR	LRNFHR
RACLEN	-0.0564	0.5920	-0.0260	-0.0573	-0.1539	0.1575	0.1598	0.0315	0.0112	0.1763	-0.0771	-0.1016
INTNLEN	0.0634	0.3087	-0.0664	-0.0822	-0.1486	0.1836	-0.0287	-0.0817	-0.2013	-0.0539	0.0222	0.0222
NER	-0.0393	-0.2518	0.3980	0.0888	0.2707	0.1702	0.2420	0.4621	0.2289	-0.1384	0.1818	0.3265
IBRM	0.0844	-0.1448	-0.5675	-0.2910	-0.3035	-0.0132	-0.1087	-0.0467	-0.0338	-0.1280	-0.0277	0.1928
ORUM	-0.1230	-0.2372	0.2255	-0.3565	-0.0786	-0.0969	0.1178	0.3913	0.3588	-0.1139	0.1384	0.3467
IMKMW	-0.0002	-0.3346	0.2728	-0.0287	-0.3052	0.2216	0.3752	0.4316	0.3591	-0.0708	-0.0740	0.2527
PKWL	-0.0318	-0.1463	0.1937	0.0834	0.0338	0.1812	0.2175	0.1270	0.1984	0.1463	-0.0698	0.3753
LRP	0.0582	-0.0561	0.2021	0.1046	0.0579	-0.0513	0.2019	0.3096	0.2538	-0.0347	0.1863	0.1016
INFL	1.1528	-0.3100	0.5538	0.1396	0.2062	0.2666	0.5986	0.6944	0.5271	-0.0042	0.2183	0.8689
INTL	-0.0345	-0.1621	0.2175	0.0676	-0.2750	0.5351	0.5880	0.3363	0.1369	-0.0524	-0.5824	0.2577
VANDS	0.1046	-0.0115	0.0043	0.0642	0.0229	0.0375	0.0272	0.0047	-0.0789	0.0073	0.0399	0.0394
VANDS	-0.0388	-0.1803	0.1336	0.0689	0.1606	0.0200	-0.0682	0.1071	0.0349	-0.0689	0.0747	0.1027
SHIHL	0.0086	-0.0557	0.0659	-0.0198	0.0634	-0.0842	0.0478	0.1081	0.1240	-0.0795	0.1458	0.0009
LRNDR	-0.0478	-0.0885	0.0577	0.0213	0.0523	-0.0855	0.0169	0.0888	0.0307	-0.0732	0.1519	-0.0339
MLLRL	0.1176	0.1912	-0.1275	-0.3301	-0.0015	0.4358	-0.1627	-0.1227	-0.1869	-0.1181	0.1306	-0.1476
MRMDL	0.1180	0.2159	-0.1622	-0.0558	-0.0553	0.0925	-0.1501	-0.1939	-0.1799	0.0025	-0.0301	-0.0772
APKAR	0.0695	-0.0051	-0.1076	-0.2195	-0.0757	0.0167	-0.0919	-0.0832	0.0488	0.0373	-0.1316	0.0238
APKAR	-0.0248	0.0056	0.0422	0.1620	0.0697	0.0609	0.1124	0.0501	-0.0796	0.0594	0.0062	0.0085
BSAR	0.0703	-0.0197	0.1967	0.0691	0.0366	0.1463	0.0945	0.1166	0.1917	-0.0229	-0.0545	0.1820
MSPS	0.1186	-0.0736	0.1917	0.1513	-0.0041	0.0359	0.2000	0.1827	0.2455	-0.0083	-0.0766	0.1711
SVHRS	-0.0390	0.0519	0.0161	-0.0849	-0.0066	0.1652	-0.0272	-0.0158	-0.0781	0.0216	-0.0863	0.0035
MSQV	0.0903	0.0803	-0.0408	-0.0733	0.0902	0.0352	-0.1473	-0.0463	-0.1688	-0.0888	0.0570	-0.0772
PISEV	0.1604	0.1107	-0.0736	-0.0613	-0.0120	0.0840	-0.2151	-0.0813	-0.1991	-0.0913	0.0579	-0.0354
PLTLN	-0.0978	0.1000	0.0511	-0.0566	0.1229	0.0894	0.0087	0.0793	0.1268	-0.0609	0.1019	-0.0784
INTLN	0.1544	0.1489	-0.1292	0.0036	0.0753	0.1353	0.0799	-0.0476	-0.0074	0.1101	-0.0130	-0.0948
NFLOR	-0.1395	-0.2039	0.3472	0.1641	-0.2201	0.0907	0.3515	0.4539	0.4182	-0.0262	-0.1793	0.3021
CORLLN	0.1839	-0.0409	0.1984	0.0499	0.1117	0.7900	0.0708	0.1605	0.0496	0.0765	0.0992	0.2310
CORLWD	0.3562	-0.1473	0.0107	-0.0240	0.0174	-0.2407	-0.0560	-0.0801	0.1016	0.0050	-0.0934	0.1695
CORTWD	0.2231	0.0021	0.0187	0.0236	0.0337	0.0690	-0.0144	0.0291	0.1338	0.1399	0.0143	0.1049
ETKMLD	0.1671	-0.3440	0.0050	-0.0084	0.0349	0.2056	-0.0559	0.0938	-0.6110	-0.1171	0.1511	0.1629
ETBLN	-0.0634	-0.1337	0.2792	0.1170	0.0922	0.1660	0.3456	0.4258	0.2895	0.0282	0.1166	0.2261
STEND	0.2432	0.0720	0.0267	-0.0327	-0.0641	0.0392	0.0770	-0.0388	0.1171	0.0291	-0.1236	0.1460
ACQMLN	-0.1522	-0.1277	0.3518	0.1171	0.0190	0.1440	0.9509	0.3919	0.4338	0.4427	-0.6280	0.6175
ACQMDN	0.1643	-0.0462	0.0331	-0.1502	-0.0370	-0.0170	-0.0637	0.0795	0.1562	0.2205	-0.0037	0.1461
NPVAC	0.1195	-0.1780	-0.0223	-0.0711	-0.0016	-0.1498	-0.0433	0.0151	0.0818	-0.1200	0.0093	0.2567
CRHWFH	0.4376	-0.0715	-0.1038	-0.287	-0.1663	0.0012	-0.0157	-0.2735	-0.0710	0.0133	-0.1595	0.2701
CRHWFH	1.0000	0.1429	-0.1936	-0.122	-0.1960	-0.0393	-0.2676	-0.3473	-0.2514	0.0317	-0.1605	-0.1136
RHWFH	0.1429	1.0000	-0.2057	-0.100	0.0153	0.047	-0.1182	-0.2659	-0.2018	0.2809	-0.105	-0.101
IBLWR	-0.1924	-0.2057	1.0000	0.0196	0.0750	0.1927	0.3697	0.6288	0.4547	-0.1615	0.2816	0.2698
COLWR	-0.0122	0.0520	0.1996	1.0000	0.2848	0.0598	0.2102	0.5071	0.1802	0.0673	-0.0776	-0.0531
INVLWR	0.1960	0.0153	0.0750	0.2848	1.0000	0.1074	0.0471	0.3116	0.1617	0.1292	0.5802	-0.0371
COLLWR	-0.0395	0.0476	0.1927	0.0598	0.1074	1.0000	0.0938	0.2160	-0.0184	-0.1071	0.1688	0.1216
ADLWR	-0.2076	-0.1182	0.3697	0.2102	0.0453	0.0938	1.0000	0.3852	0.3979	0.3611	-0.0265	0.2006
COLRLR	-0.3473	-0.2676	0.6288	0.2102	0.1318	0.2160	0.3852	1.0000	0.9411	-0.2068	0.3258	0.3049
STLLR	-0.2514	-0.2018	0.4547	0.1802	0.1615	-0.0184	0.3979	0.9411	1.0000	0.0581	0.0593	0.2643
TFLPLR	-0.0317	0.3229	-0.1615	0.0776	-0.0120	-0.1011	-0.2068	-0.0581	0.0581	1.0000	-0.1860	-0.1283
INFLWR	-0.1005	-0.1015	0.2816	0.0776	0.5802	0.1648	-0.0526	0.3558	0.0593	-0.1860	1.0000	0.1571
LRNFHR	-0.1136	-0.1161	0.2658	-0.0531	-0.0271	0.1216	0.2406	0.3049	0.2643	-0.1283	0.1571	1.0000

CANONICAL DISCRIMINANT ANALYSIS
MAHALANOBIS DISTANCES BETWEEN CLASSES

SPECIES	DISCOLOR	TRANSVAA	UNI FLORA
DISCOLOR		7.4071	6.6949
TRANSVAA	7.4071		6.2352
UNI FLORA	6.6949	6.2352	

F STATISTICS, NDF=15 PDF=100

SPECIES	DISCOLOR	TRANSVAA	UNI FLORA
DISCOLOR		4.61825	1.68698
TRANSVAA	4.61825		3.88093
UNI FLORA	1.68698	3.88093	

PROB > MAHALANOBIS DISTANCE

SPECIES	DISCOLOR	TRANSVAA	UNI FLORA
DISCOLOR		0.0001	0.0146
TRANSVAA	0.0001		0.0001
UNI FLORA	0.0146	0.0001	

	CANONICAL CORRELATION	ADJUSTED CANONICAL CORRELATION	APPROX STANDARD ERROR	SQUARED CANONICAL CORRELATION	EIGENVALUE	DIFFERENCE	PROPORTION	CUMULATIVE
1	0.950014	0.933517	0.007985	0.902256	9.2591	6.5788	0.7735	0.7735
2	0.851398	0.805899	0.002260	0.765288	2.6804	0.7245	0.2245	1.0000

TESTS OF H0: THE CANONICAL CORRELATION IN THE CURRENT ROW AND ALL THAT FOLLOW ARE ZERO

	LIKELIHOOD RATIO	F	NUM DF	DEN DF	PR > F
1	0.02648486	10.7181	96	200	0.0001
2	0.27111204	5.7599	47	101	0.0001

MULTIVARIATE TEST STATISTICS AND F APPROXIMATIONS
S=2 N=22.5 N=19.5

STATISTIC	VALUE	NUM DF	DEN DF	PR > F
WILKS' LAMBDA	0.02648486	10.718	96	200
PILLAI'S TRACE	1.630814	9.255	96	202

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 N=22.3 N=49.5

STATISTIC	VALUE	F	NUM DF	DEN DF	PR > F
HOTELLING-LAMLEY TRACE	11.93951	12.313	96	196	0.0001
ROY'S GREATEST ROOT	9.259148	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

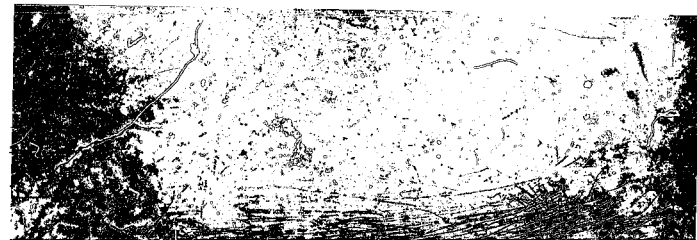
	CAN1	CAN2
RACHEN	-0.0898	0.0199
INTIDLN	0.0572	-0.0613
NBR	0.6130	0.0156
IBRW	0.3769	-0.4622
CBRW	0.6391	-0.3788
INHW	0.8373	-0.3271
PKL	0.6879	0.0959
LBPP	0.6241	0.0753
INFL	0.0235	-0.0648
INFW	0.7330	-0.0228
VANDS	0.0080	-0.0318
VANDS	0.3821	0.0260
SHINL	-0.3690	-0.0306
LKHOML	-0.5150	0.1064
NSLIL	-0.5701	0.0881
KAMOL	-0.0352	-0.0003
APKAN	0.4640	0.0423
APKPS	-0.3736	-0.0048
BSAH	0.3847	-0.1199
BSPS	0.2116	-0.1092
SVIRS	0.1157	0.0330
NSECV	-0.3328	0.3378
FINBY	-0.2822	-0.1382
PTLLN	0.2751	0.1806
INTLN	0.0435	0.0085
NFLDR	0.7501	-0.3144
CORLLN	0.2858	0.2880
CORLMD	0.0946	-0.0816
CORTMD	0.0302	-0.0747
STWLOL	0.4280	0.1002
STBLN	0.7059	-0.0315
STMD	0.2139	-0.1011
ACHKLI	0.3263	0.0029
ACHKMD	-0.0178	-0.0048
ITVAC	0.7103	-0.0181
CORLMD	0.1775	-0.2322
GHNDMD	-0.0703	0.1378
NUCHMD	-0.7623	0.3514
IBLWR	0.7530	0.1067
ORLWR	0.4457	0.2809
INVLWR	0.1341	0.7576
ORLLWR	0.2989	0.3534
ACLLWR	0.3671	0.0934
CORLWR	0.8838	-0.0115
STLLWR	0.7002	-0.1355
TTLPLR	-0.8429	0.0255
INFLWR	0.0895	-0.0932
LRNFHR	0.7780	-0.2185

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN CANONICAL STRUCTURE

	CAN1	CAN2
BACHLN	-0.9808	0.1951
IRTHDLN	0.7206	-0.6934
NBR	0.9999	0.0173
IGRY	0.6883	-0.7224
OSRM	0.8881	-0.4597
INDOW	0.9436	-0.3312
PRKL	0.9923	0.1242
LBP	0.9944	0.1060
ITFL	0.9975	-0.0705
ITFW	0.9996	-0.0272
VANGS	0.9727	-0.9622
VANGS	0.9974	0.0723
SHINL	-0.9972	-0.0744
INDRL	-0.9832	0.1829
IKLHL	-0.9906	0.1365
MOUL	+1.0000	-0.0076
APXAN	0.9960	0.0893
APXPS	-0.9930	-0.1180
BSAN	0.9630	-0.2606
BSFS	0.8449	-0.5349
SVMS	0.9687	0.3482
NRECV	-0.7387	0.6740
PIRECV	-0.8899	-0.4562
PTLLN	0.8614	0.5079
ITLNL	0.8849	0.1731
WFLR	0.9399	-0.3523
CORLLN	0.7437	0.6685
CORLMD	0.7902	-0.6128
CORLMD	0.4101	-0.9120
STRKLG	0.9780	0.8088
STBL	0.9962	-0.0400
STMD	0.9904	-0.3910
ACKLN	0.9706	0.2409
ACKMD	-0.9761	0.3171
NVAC	0.9997	-0.0229
CMMD	0.9432	-0.7657
CMMD	-0.9618	-0.8896
NNDFHD	-0.9239	0.3826
JBLR	0.9900	0.1259
DBLR	0.8672	0.4979
INVLR	0.1934	0.9611
CLLR	0.6170	0.7670
ACLRL	0.9747	0.2237
CORLRL	0.9999	-0.0117
STLLRL	0.9852	-0.1713
ITFLR	-0.9983	0.0591
ITFLR	0.7144	-0.6997
LRHFR	0.9696	-0.2446

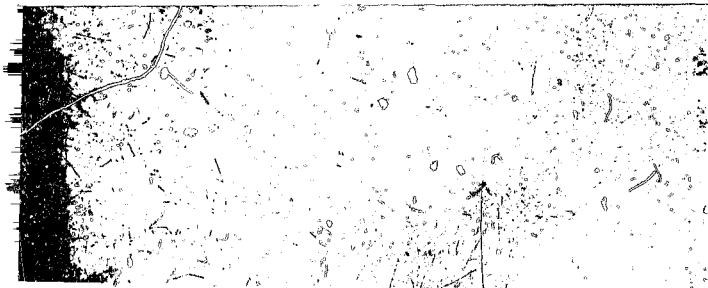
CANONICAL DISCRIMINANT ANALYSIS
WITHIN CANONICAL STRUCTURE

	CAN1	CAN2
RACHLEN	-0.0282	0.0104
INTNDLR	0.0179	-0.0320
NRB	0.3977	0.0128
IBRW	0.1376	-0.2699
GBRW	0.2902	-0.2792
INPOW	0.4859	-0.3169
PHKL	0.2858	0.0664
LBFP	0.2498	0.0493
INFL	0.0184	-0.0544
INTW	0.3366	-0.0170
VANGS	0.0025	-0.0164
VANGB	0.1057	0.0142
SIINH	-0.1230	-0.0171
LAWDR	-0.1894	0.0600
KKLN	-0.2109	0.0530
KKDL	-0.0110	-0.0202
APKAN	0.1447	0.0201
APKPS	-0.1249	-0.0276
BSAN	0.1898	-0.0676
BSFS	0.0680	-0.0800
SVINS	0.0363	0.0173
NBCV	-0.1149	0.1998
PINSV	-0.0783	-0.0746
FTLLN	0.0901	0.0988
IKFLN	0.0136	0.0044
NFLOR	0.3615	-0.2529
CORLLN	0.0958	0.1601
CORLND	0.0291	-0.0428
CDRTWD	0.0094	-0.0390
STKXGL	0.1445	0.0573
STPLN	0.2973	-0.0227
STBWD	0.0585	-0.0540
ACRKLN	0.1112	0.0513
ACRWD	-0.0056	0.0023
NVPAC	0.3005	-0.0128
CRNKWD	0.0574	-0.1271
CHNKWD	-0.0021	-0.0725
NNOPHD	-0.3832	0.2950
IBLWR	0.3413	0.0805
OBLLR	0.1595	0.1702
INVLWR	0.0557	0.5248
ORLLWR	0.0641	0.1994
ACLWR	0.1227	0.0523
CORLWR	0.5081	-0.0111
STLLWR	0.2963	-0.0958
TFLPLR	-0.4400	0.0484
INFLWR	0.0269	-0.0489
LRNFWR	0.3794	-0.1799



CANONICAL DISCRIMINANT ANALYSIS
STANDARDIZED CANONICAL COEFFICIENTS

	CAN1	CAN2
RACMLN	0.0400	-0.2562
INTHOLN	-0.0780	0.1223
NER	0.2196	-0.0245
IRM	0.1657	-0.8853
ORRM	0.0006	-0.5172
IRRM	1.4385	1.6937
PRDL	0.3281	0.1095
LBRP	0.1476	0.1628
IRFL	-3.3709	0.4582
IRFM	0.3009	-0.0921
VANGS	-0.2328	-0.0574
VANGS	0.2169	-0.0835
STREL	-0.2603	-0.1706
LHNRRL	0.4826	0.5876
HOLRL	-0.1623	-0.1890
HNDL	0.7037	0.2789
APJAN	0.0282	0.1113
APJAS	-0.2339	-0.1605
BSAN	-0.1807	-0.0142
BFS	0.0339	-0.1579
SVIRS	0.1006	-0.0029
NRECV	-0.0470	0.2464
PIREV	-0.0476	0.0803
PTLLN	0.2281	-0.0735
INTLR	0.0634	-0.0295
INTLR	-0.0669	-0.3476
CORLLN	-0.3066	-1.6388
CORLAD	-0.1198	1.0168
CORTWD	0.1102	-0.1704
STKLGL	1.2076	0.9058
STBLN	0.0816	0.0435
STBD	-0.1763	0.0877
ADKGLN	0.2515	2.3745
ADKGLD	0.0032	-0.6968
HYFAC	0.1602	-0.0329
CRKWD	-0.2404	-0.5441
CRKWD	0.3047	0.1058
WINDFRD	-0.2257	1.1974
ELMR	0.0034	-1.6283
OLMR	0.1794	0.0044
IRVMR	0.3486	1.7847
ORLLMR	0.1891	1.7129
ACLMR	0.2036	-1.3862
CORLMR	-0.2040	-0.1344
STLLR	1.7228	1.1694
TLFLR	-1.07	-0.8952
IRFLMR	0.1	-1.7465
LANFMR	0.07.1	0.9370



CANONICAL DISCRIMINANT ANALYSIS

RAW CANONICAL COEFFICIENTS

	CAN1	CAN2
RACHLEN	0.040011088	-0.256213198
INTWOLN	-0.077663224	0.122349219
NBR	0.01170139	-0.0204525761
IBRW	0.185066084	-0.885327773
GBRW	0.00056572	-0.217905680
INRW	1.438295494	1.692650135
PHKL	0.358074276	0.108474808
LBRP	0.141601487	0.162845654
INFL	-3.370930625	0.498180167
INFW	0.30853460	-2.095055928
VANDS	-0.232778494	-0.057595571
VANDS	-216943929	-0.083471633
SHINL	260250627	-0.170644890
LWDBL	0.422576471	0.587435958
KKLL	-0.762250708	-0.186964352
KXMDL	0.703673508	0.278880754
APXN	0.028729575	0.111321790
APXPS	-0.23989254	-0.160534767
BSAN	-0.180718284	-0.014185801
BSPS	0.033882931	0.157881137
SVINS	0.100616732	-0.005380591
HSECY	-0.047014299	0.246407784
PIRSV	-0.047630161	0.080290962
PTLLN	0.224050655	-0.073475983
INTLN	0.063362660	-0.029523512
NFLOR	-0.066931849	-0.347585630
CORLLN	-0.106627791	-0.638791831
CORLWD	-0.119799703	1.016832300
CORTWD	0.110227875	-0.170408748
STROLLO	1.207500416	0.905797529
STBLN	0.081579120	0.043920271
STBND	-0.176344279	0.087700903
ACRNLN	0.011761147	0.170534880
ACRWD	0.003858400	-0.096847594
NYPAC	0.160182815	-0.012836147
CRWD	-0.240352749	0.544069782
CRWD	0.306650212	0.193754051
MANOFRD	-0.025722499	1.197416459
IBLWR	0.029378498	-0.026292861
DBLWR	0.179416420	0.004390722
INVLWR	0.346623157	1.784740604
CRLLWR	0.189118703	1.128952200
ACLWR	0.203613840	-1.346235315
CORLLWR	-0.208040641	-0.434393655
STLLWR	1.722815839	1.168422165
TFLPLR	-1.095365335	-0.895213235
INFLWR	0.105939969	-1.746478128
LNNFLWR	0.076710680	0.917027271

CANADICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	LDRP	NFLOR	CORLLN	CORLMD	CORTMD	LCTFFA	INFW	INFL	FMKLN	AMKLN
RACMLN	0.0368975	-0.0178926	-0.1657010	0.0045997	-0.1633822	-0.0522653	0.0251457	-0.0061594	-0.1158136	-0.0000579
INTNMLN	0.1752068	0.1567511	0.0374884	0.1516020	0.0329480	0.1040504	0.1389179	0.1371089	0.1256332	0.0349177
LMDMLN	0.1635494	-0.1313847	-0.1600265	-0.1217479	-0.2262283	-0.1790276	-0.1254660	-0.2175756	-0.2071936	-0.2102089
MXMLN	-0.1829897	-0.3472144	-0.2230104	-0.0447607	-0.2920010	-0.2619777	-0.2724058	-0.3062729	-0.2720856	-0.2096179
MOXMLN	-0.0740981	-0.2624302	-0.0564012	0.1191580	-0.0915578	-0.1071576	-0.1007221	-0.1435374	-0.0416352	-0.0256259
APKMN	0.0385922	-0.1131079	0.0735372	0.0056920	0.0303828	0.0812164	0.1266440	0.1036309	0.1178466	0.1032378
APKPS	-0.0143638	0.0958996	0.0558962	0.0369114	0.1017311	0.1105196	0.1168385	0.0559505	0.0253377	0.0911279
BSAN	0.1200010	0.2353297	0.0190336	0.0757700	0.2157532	0.1286611	0.1600568	0.2336629	0.1230794	0.2062293
BSFS	0.2091562	0.3004297	0.0609752	0.0348482	0.1281992	0.1358140	0.1925119	0.2428458	0.0837594	0.2513048
SVMS	-0.0717192	-0.1645772	-0.1063006	0.0818327	-0.0094339	-0.1073585	-0.2219553	-0.1150406	-0.1630353	-0.0281060
NSECV	0.0024803	-0.1815288	-0.0032819	0.0071117	-0.0667473	-0.1008054	-0.2180710	-0.0436599	-0.1536973	0.0352077
IRREV	-0.2918547	-0.2915054	-0.2648222	-0.0866814	-0.1896274	-0.2536112	-0.2799597	-0.7060363	-0.2411371	-0.3341650
ITLLN	0.2626808	0.2167640	0.1943605	0.1822519	0.1000225	0.1947300	0.1566228	0.1892576	0.1377301	0.1781286
INTLN	0.0903789	0.0105974	0.0603034	0.1392389	0.1317125	0.0914550	0.0597972	0.0773136	0.0400621	0.1163782
NER	0.6424197	0.8051301	0.6023932	0.6022267	0.5850009	0.7325665	0.6920463	0.6330368	0.6822232	0.6888600
IRBL	0.7111200	0.8104987	0.7128772	0.7596239	0.6400353	0.7573252	0.7277076	0.8021384	0.5996062	0.7152360
OBRL	0.6513341	0.8101075	0.7502331	0.7257580	0.6387502	0.7362130	0.7815657	0.8379121	0.6356995	0.6962164
IRW	0.5948857	0.5290872	0.3971640	0.2618526	0.6077595	0.4029510	0.4808325	0.6284866	0.3496491	0.5051370
ORW	0.5932391	0.7181071	0.5879309	0.2270710	0.5683595	0.6704603	0.7378426	0.7519723	0.5983466	0.6151948
PROL	0.7011829	0.7540403	0.6556964	0.2129442	0.6025814	0.7020452	0.7179138	0.8217607	0.6376021	0.7107846
LRP	0.9735849	0.6834988	0.5153178	0.2161711	0.9593722	0.5849171	0.6280295	0.7084988	0.3507942	0.6586817
NFLOR	0.6432924	0.4901061	0.4670761	0.1594763	0.5652138	0.6557547	0.8089380	0.8163000	0.5323393	0.6512177
CORLLN	0.1531178	0.441761	1.0073327	0.1754999	0.4800981	0.6797098	0.3189433	0.6240433	0.7284790	0.7327025
CORLMD	0.2161711	0.1354763	0.1756949	1.0063187	0.3820029	0.1433296	0.1725952	0.1596961	0.2525299	0.1111407
CORTMD	0.5958722	0.2652138	0.0809891	0.3820029	1.0041248	0.481638	0.8894178	0.6006360	0.4448626	0.5323633
LCTFFA	0.5584571	0.6957543	0.6797098	0.1833896	0.8021638	1.0035743	0.7708229	0.8661300	0.7388766	0.7971748
INFW	0.6240295	0.8025562	0.5384443	0.7265552	0.4898178	0.7108929	1.0033351	0.8277009	0.6716594	0.7268499
INFL	0.7015984	0.6150340	0.6840433	0.1926951	0.6006380	0.8643030	0.8277009	0.9994662	0.6775664	0.8774625
FMKLN	0.5065702	0.5323353	0.7381780	0.5362599	0.4448626	0.7180746	0.6716594	0.6716594	0.6716594	0.6881283
AMKLN	0.6526817	0.6512177	0.7370251	0.1111407	0.5323633	0.7997148	0.7264909	0.8316829	0.6481283	0.7052864
STMLN	0.7039704	0.1727391	0.2694157	0.2889981	0.1343982	0.2120959	0.0704858	0.2740571	0.2694567	0.2891459
VACMLN	0.1137681	0.1625281	-0.021194	-0.2038533	0.2214603	0.1882790	0.3064690	0.2605221	0.0933856	0.2500040
CORLMD	0.6218758	0.2100660	0.4357397	0.3666651	0.8666754	0.3470906	0.3975723	0.5839233	0.3660515	0.5106336
CORLMD	0.2579597	0.1653493	0.1805200	0.4554088	0.0567800	0.0876800	0.2336629	0.0953311	0.1484199	0.1948199
VANDS	-0.0528164	-0.1054040	-0.0091184	-0.0419352	-0.1112999	-0.0005690	-0.0980959	-0.1031828	-0.0354925	-0.0360133
VANDS	0.2093128	0.2287954	0.1366043	0.0530368	0.2270205	0.2898273	0.1837328	0.3910175	0.1316113	0.3304002
SHFL	-0.0910821	-0.0261118	-0.2187196	-0.1406783	-0.1915992	-0.0982382	-0.1351858	-0.2033635	-0.1667610	-0.1667610
INWFOH	-0.6222007	-0.7080964	-0.5708078	-0.162295	-0.6453624	-0.7022242	-0.7919106	-0.7711834	-0.6490515	-0.6330247
IRLM	0.5379255	0.6921360	0.4484852	0.0531911	0.8345916	0.6405151	0.6714738	0.7020029	0.5255466	0.5900009
ORLW	0.1862629	0.2349068	0.1209047	0.0410210	0.1745371	0.1827749	0.1159590	0.2284740	0.1599528	0.2163817
INWLM	-0.1398809	-0.3912501	0.0431184	0.0700674	-0.2601959	-0.1225574	-0.4958298	-0.1672492	-0.1068593	-0.0886275
CORLW	0.1723459	0.1728485	0.852179	0.603103	0.2606630	0.3538020	0.4018621	0.1770970	0.3495599	0.6176011
CORLW	0.0672866	0.2229210	0.4073303	-0.1601897	-0.2772494	0.6223110	0.4171776	0.3494076	0.4631998	0.3753206
CORLW	0.3912903	0.4971348	0.6083308	0.1150712	0.1662306	0.7808685	0.6280979	0.5604973	0.7016397	0.6367950
STLLDR	0.2040486	0.3899118	0.0984981	-0.1025015	0.1938488	0.4016436	0.5010666	0.3666239	0.2338111	0.3671001
TFLPLR	-0.6617972	-0.7346533	-0.4383819	-0.1595564	-0.5931071	-0.5613780	-0.5508437	-0.6917239	-0.5006744	-0.5671091
INFLW	-0.2511979	-0.4532131	-0.1109004	-0.0783648	-0.2040014	-0.3309157	-0.7116054	-0.3277075	-0.2387101	-0.2387101
LRWFLR	0.6509641	0.7579665	0.6349051	0.1266234	0.6189510	0.7307794	0.7379028	0.8165635	0.6867485	0.7071608
ALFLW	-0.1391515	-0.2362857	-0.4065082	-0.2367821	-0.1789189	-0.3259187	-0.3715963	-0.2816406	-0.2006116	-0.1813018
FLFLFLR	-0.0741671	-0.2836437	-0.7606612	-0.0091695	-0.0260347	-0.0634066	-0.4256311	-0.4881971	-0.2709235	-0.7494276

APPENDIX IVB

Summary of Canonical Discriminant Analysis
for 138 Male OTUs

Key:

uniflora = GROUP 1

discolor = GROUP 2

transvaal = GROUP 3

(See main text for more details)

CANONICAL DISCRIMINANT ANALYSIS

137 OBSERVATIONS	136 OF TOTAL		
50 VARIABLES	134 OF WITHIN CLASSES		
3 CLASSES	2 OF BETWEEN CLASSES		
SPECIES	FREQUENCY	WEIGHT	PROPORTION
DISCOLOR	101	101	0.737226
TRANSVAA	18	18	0.131387
UNIFLORA	18	18	0.131387

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	RACHLEN	INTHOLD	LMHDL	MXLNL	RMHDL	APKAN	APKPS	GSAR	BSPS	SVINS
RACHLEN	136		16.3701	20.9197	13.2677	-12.1263	-11.0651	-16.6525	-12.516	-0.278535
INTHOLD	88.1766	136	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535
INTHOLD	12.9227	13.7206	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535
INTHOLD	12.9227	13.7206	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535
INTHOLD	12.9227	13.7206	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535
INTHOLD	12.9227	13.7206	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535
INTHOLD	12.9227	13.7206	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
LMHDL	16.7670	16.0875	136.95	67.5655	-50.8004	-63.3377	5.0856	-67.9982	3.95213	-19.5701
MXLNL	29.5115	15.3293	67.6555	136.973	62.7471	-38.6319	4.09683	-67.9982	3.95213	-19.5701
RMHDL	12.9125	9.73427	15.9887	19.3207	12.9227	-11.7433	-10.7433	-16.6525	-12.516	-0.278535
APKAN	-12.1263	-8.7233	-63.3377	-36.6319	15.972	34.5459	-54.322	-2.0193	16.9567	3.21616
APKPS	-11.0651	-7.9233	-50.8004	-25.8666	10.6979	34.5459	-54.322	-2.0193	16.9567	3.21616
GSAR	-16.6525	-2.30132	-67.9982	-21.4142	38.1568	8.28023	10.7622	135.219	75.7775	0.59917
BSPS	-12.516	-0.31196	3.95213	16.6266	10.9559	-18.9011	6.7275	75.7775	38.066	-0.59917
SVINS	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535	-0.278535

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE SSCP MATRIX

VARIABLE	NSECV	PINSV	PTLCH	INTLN	NBR	IBRL	OBRL	IBRW	OBRW	PKHL
RACHLEN	12.0053	-1.70568	13.053	29.0687	-6.28098	-6.22885	-8.46393	-0.893226	0.61308	-0.0521843
INTNDLN	31.7206	0.92969	30.172	13.6126	21.6377	16.5733	28.3219	18.9125	34.0933	20.437
INVDRL	31.2967	18.923	39.6594	-6.1962	-39.66	-28.1323	25.1	-39.0739	-17.5016	-36.4289
MXLNL	78.3088	42.0988	49.291	27.2157	-55.5710	-49.1844	-39.7859	-51.0644	-28.7831	-42.1458
MXDOL	52.4619	29.1315	16.0901	35.4705	-51.6321	-56.133	-20.0099	0.210022	-8.91086	-10.6546
AFKAN	-20.3701	-10.496	-32.6968	9.03686	25.3227	7.15168	10.6548	7.23748	7.5707	20.7894
AFKFS	-6.33177	-1.79663	7.65262	-14.6268	7.31297	19.2161	7.4838	21.2236	1.2236	-1.1798
BSAN	5.31828	-11.0762	-6.27955	1.23137	27.4681	46.6527	35.7137	21.1688	29.7021	19.9573
BSPS	30.7821	6.98163	24.1538	2.81325	20.7387	14.0438	36.0602	12.2075	27.215	14.6398
SVHRS	31.8073	-7.20562	-12.5101	4.7611	-11.0361	-15.9157	-21.6106	-15.059	-26.0186	-11.8847
NSECV	136.962	0.60329	42.0994	-0.242317	-10.8616	-13.935	-20.3645	-15.342	-16.9649	-13.7288
PINSV	11.60329	136.962	-7.12137	16.8365	-15.8652	-14.0106	-18.8859	-19.1425	-26.7778	-42.7738
PTLCH	42.0994	-7.12137	132.639	-13.2789	28.4251	27.4856	28.2958	3.39442	32.1521	25.1787
INTLN	-0.242317	16.8365	-11.2749	137	2.59697	7.67746	6.49577	22.6208	11.1349	7.7025
NBR	-18.8616	-15.8652	22.4551	2.59697	134.514	110.085	108.344	77.2845	29.4609	118.807
IBRL	-13.935	-14.0106	27.4856	7.67746	114.045	135.028	119.063	87.7004	105.833	102.242
OBRL	-20.3645	-14.8859	26.3525	6.49577	108.344	719.063	134.233	78.7015	119.21	107.014
IBRW	-15.342	-19.1425	3.39442	22.6208	77.2845	87.7004	78.7015	136.905	83.4982	72.7472
OBRW	-16.9649	-26.7778	32.1521	11.1349	99.4889	105.833	119.21	85.4993	135.271	95.8844
PKHL	-13.7288	-42.7738	25.1787	7.7025	114.007	102.242	107.014	75.7476	96.8444	133.363
LAMP	0.337324	39.6922	32.9992	18.291	90.0881	95.7123	88.5014	71.3569	86.686	95.403
RYLOR	-24.6879	39.6947	29.48	1.44125	109.496	110.839	112.895	71.9559	100.583	102.871
CORILL	-0.48634	-36.0158	26.4336	-8.70127	81.9255	72.003	77.3517	48.9766	78.5186	89.3161
CORLUD	0.972196	11.2692	24.7063	18.9365	35.6628	33.9311	23.8105	33.6119	30.8818	29.0012
CORTUD	-9.07765	-29.7934	29.9682	17.9189	99.5873	90.8528	86.61	82.5673	77.9969	81.2511
LCPTFA	-13.7097	-34.4911	21.0433	-0.197875	99.6019	102.296	100.325	64.3227	91.1826	99.7582
INTW	-29.7937	-38.0745	21.1647	12.7812	94.1185	98.6985	106.293	65.3933	100.347	100.356
INEL	-12.7305	-41.6209	29.739	10.531	131.344	121.159	113.956	85.1763	102.34	115.759
FMKLN	-21.7168	-32.7916	21.4515	5.48849	87.3428	81.5941	85.8509	50.2709	87.4023	86.714
PKMLN	0.79882	-49.4464	24.2255	15.8274	93.685	94.9711	68.4986	83.6653	96.94	96.94
STIKOLN	-4.57607	2.31167	11.048	7.00522	57.5509	32.0295	29.8433	55.8534	55.8932	46.0127
VACROLN	-4.21641	-8.7868	-15.8147	30.9991	5.56951	41.4858	37.5206	32.2648	21.8377	10.1564
CROKOLN	1.03093	-29.9229	37.7219	18.5405	78.0667	90.4005	82.2206	88.59	75.014	81.6381
GRINDOLN	18.0485	3.31555	21.451	20.3778	32.7154	47.8182	34.2392	53.3399	31.0905	32.0863
VANDS	38.5623	12.2169	-15.8278	12.5618	-2.01344	-6.8798	-10.8888	-6.97023	-9.92525	1.541469
VANDS	20.5314	-2.74093	16.5266	-8.62773	83.5286	39.4323	10.7816	23.5736	34.8953	39.7011
SHLNL	32.9144	12.792	39.4677	-13.0833	-29.6548	-11.0663	-12.5612	-30.949	-11.6177	-31.4134
WANDHOF	32.4988	35.9509	-17.9497	4.40924	-102.984	-107.988	-110.875	-71.4992	-102.80	-101.064
OBRLW	-10.8603	-13.0536	32.6273	-5.31677	94.7511	110.841	99.7859	15.6905	78.5832	82.2394
OBRLW	-12.1757	-17.9132	6.09501	-2.02719	29.681	33.973	38.1154	-13.0165	-23.6807	28.5661
INFLWR	21.167	15.373	-6.05721	-17.3397	-15.8447	-24.9951	-83.7009	-46.1708	-89.7078	-62.6767
CORLLR	-1.78382	-80.2948	12.1	-17.6274	99.1689	60.8228	27.2325	54.4711	69.8898	69.8898
CORLLR	-0.002	-11.4714	10.9429	19.3025	36.0777	27.1551	31.704	-9.20702	30.171	30.171
CORLLMR	-29.4994	-36.5537	8.13255	-8.29464	73.0636	67.841	74.2936	32.672	69.5123	72.2302
STLLR	-29.4007	-23.5572	8.63848	10.2342	13.0953	44.6104	45.9281	3.61479	38.4191	28.905
ITFLR	32.8618	46.5234	-20.4081	6.50644	-109.369	-110.088	-108.346	-80.5262	-102.738	-95.535
INFLMR	36.7911	13.7362	7.44609	-12.5805	33.1939	-43.7421	-60.341	-36.9627	-65.8429	-47.8315
LRMRH	-29.7441	-35.2363	25.5768	-2.60844	102.583	108.539	108.083	75.0775	96.2071	105.25
ALFLMR	37.6524	12.7552	-4.61219	5.04119	-43.4996	-44.5091	-52.5968	-42.7555	-47.737	-47.737
LCPTFLN	-20.3466	-7.4097	-6.51448	-7.13952	35.5621	37.2065	38.8866	11.3458	32.9448	25.7912

CANONICAL DISCRIMINANT ANALYSIS

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VARIABLE	LBPP	NFLOR	CORLLH	CORLMD	CORTMD	LCTPFA	INFW	INFL	FOKLN	AVOKLN
PACWLEN	5.01126	-7.379	-22.3557	0.66529	-22.2145	-7.10088	3.41982	-0.83759	-15.7505	-5.44788
LATNDLH	21.6281	21.3182	5.09571	20.6179	3.52893	14.17928	18.8929	18.6469	17.0558	4.74881
LMDNHL	-17.6187	-17.8883	-21.7633	-16.2849	-31.0934	-24.3478	-17.6074	-29.3407	-28.1753	-22.594
PKLNL	-26.6866	-17.2212	-30.33	-6.08705	-39.7121	-35.6317	-37.0472	-44.9713	-37.0076	-20.579
NMDOL	-9.66933	-32.9705	-7.57064	13.2056	-12.4919	-14.2724	-22.8578	-19.362	-11.102	-3.06955
AFPSN	9.28458	15.3657	10.0011	0.774109	4.12056	11.0494	17.2256	14.0928	15.9711	14.0513
AFAPS	-1.93147	13.4028	7.60188	5.01926	13.4354	15.0307	16.162	7.60247	3.52753	12.6554
BSAN	26.3895	11.3201	2.03888	10.3059	32.0624	16.9277	21.7877	32.0509	16.7389	28.3736
BSPP	28.4726	40.8524	6.27822	11.3381	11.4351	21.3207	26.1803	33.0271	11.3277	24.1778
SVINS	-10.4972	-22.3525	-14.458	11.0749	-12.8294	-14.5877	-30.1673	-15.3735	-22.1718	-3.82242
STECV	0.137324	-24.6979	-0.46654	0.967156	-9.07763	-32.7007	-29.7937	-12.7365	-21.1188	4.79682
PIHSV	-39.6922	-39.4447	-36.0158	11.2632	-25.7934	-24.4911	-38.0765	-41.6209	-32.7946	-45.4464
PTLLR	32.9952	29.40	20.4338	24.7863	25.9888	21.0433	21.1847	25.739	21.4513	24.2255
INFLR	12.2911	1.28125	-6.20127	18.9385	17.9729	-0.787275	12.7812	10.241	5.48885	15.8274
NBR	90.0891	109.478	81.9255	25.6828	79.5673	99.6019	94.1166	113.342	87.3484	23.689
INFL	96.7123	110.819	73.2031	23.5311	90.8508	102.596	98.0965	121.739	81.5541	101.159
CORL	88.5814	112.895	77.5517	23.4706	82.07	100.125	100.293	113.926	86.4505	94.9711
LEDA	71.3569	71.9259	88.5786	35.6119	82.4873	84.3227	65.4933	89.1763	30.2709	68.889
ORNL	80.586	100.383	79.5185	30.8018	77.2969	91.1856	88.868	95.8254	62.8425	91.7647
PKML	95.403	102.871	89.3461	29.0012	87.2571	95.0702	100.356	111.759	86.714	96.664
LBPP	135.127	87.4874	70.0832	25.1993	81.0386	75.9922	88.868	95.8254	62.8425	91.7647
NFLOR	67.4874	134.654	63.5223	15.4248	76.8691	89.1826	109.964	110.981	72.3976	88.5652
CORLLH	70.0832	63.5223	137	23.8945	69.0027	92.44	73.2283	84.9148	99.4711	99.4475
CORLMD	29.3933	18.4248	23.9925	136.859	51.9524	19.8928	23.4811	26.6147	15.1151	15.1151
CORTMD	81.0386	76.8691	69.402	51.9524	136.561	60.1343	66.5608	81.6688	60.5149	72.8099
LCTPFA	75.9502	89.1856	92.44	19.8928	60.1343	136.886	108.901	117.589	100.487	103.321
INFW	84.968	109.964	73.2283	23.4811	64.5608	104.841	135.456	112.567	91.2457	96.8028
INFL	95.8254	100.981	84.9188	66.5147	81.6688	117.589	112.567	125.327	92.2032	113.109
FOKLN	68.9485	72.3976	89.4771	32.3431	60.5149	100.487	91.3457	92.2032	136.559	88.1456
AVOKLN	88.7687	88.5656	99.4475	15.1151	72.8099	103.321	98.8028	73.149	88.1456	136.719
STMDOL	71.686	18.6045	50.2005	38.0851	18.5911	59.0125	9.54638	37.3081	66.4973	39.4054
VACHLNL	12.4725	29.4476	-1.48793	-27.7224	30.1146	25.6059	41.0798	35.431	8.07645	34.0005
CORMD	84.5751	99.3663	39.2506	50.3018	117.095	47.2043	24.0696	79.4149	49.8965	69.4489
CORLMD	35.0285	25.2075	19.1107	61.8856	75.0269	8.14287	11.9774	31.9962	0.869505	29.1355
VANDS	-7.14335	-14.3369	-1.28695	2.52318	-15.1368	-0.0773669	-13.341	-1.89336	-8.86698	-4.89781
VANDS	28.4465	31.1167	85.813	25.612	30.2811	34.2917	29.2877	29.8308	62.5511	62.5159
SHIHL	-12.8817	-2.91198	-29.142	-19.1317	-26.0579	-21.3211	-13.2599	-16.3852	-27.6574	-23.6714
WANDIHD	-84.032	-102.746	-78.0759	-62.6165	-87.7993	-29.5066	-107.7	-105.823	-89.3458	-87.4514
ISLML	73.1479	94.1387	60.586	6.62226	59.6566	87.1107	82.9737	86.0436	71.4757	80.521
COLLR	20.2182	11.9472	16.443	-5.7886	23.737	24.8574	15.7769	30.5285	21.7535	22.4579
INFLMR	-19.0236	-23.2155	16.673	-9.22911	-21.2666	-18.3014	-67.5688	-26.519	-16.4137	-12.0533
CORLLMR	50.639	50.7074	116.446	-89.0082	32.4774	75.2597	54.5988	84.8852	74.2369	94.021
CORLMR	9.15098	30.0952	95.3669	-21.7857	-57.7099	84.6312	66.1162	68.8897	61.0436	72.797
CORLMDR	23.2153	67.6088	82.5316	-15.7041	16.609	106.469	86.0156	97.1252	95.4225	86.6041
STLLR	53.028	53.028	12.061	-13.9102	26.1634	59.623	68.1405	52.9821	11.7983	45.0889
TFLLR	-90.0041	-99.9129	-95.0759	-21.999	-80.6626	-78.3474	-88.5147	-90.0705	-66.0917	-77.2268
INFLMR	-37.4259	-61.637	-13.0852	-10.6576	-27.8666	-85.9485	-95.9905	-43.9604	-80.9331	-32.4918
LBPPMR	84.4511	103.086	86.3486	16.9488	86.1173	99.336	100.357	111.083	87.9878	96.1739
ALFMR	-18.9245	-32.0228	-29.2246	-34.9237	-24.3324	-59.2849	-50.5371	-39.1194	-109.699	-16.5092
LCPPCLR	10.0067	38.8747	8.98442	-1.24691	-3.94072	90.2366	57.8858	52.1645	36.8455	29.1501

CANONICAL DISCRIMINANT ANALYSIS

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VARIABLE	SINXLOL	VACXKLN	CRXKWD	CRXKWD	VANGS	VANGB	SHINL	NNHOFD	IBLHR	OBLHR
RAOHLN	3.28122	0.483645	-0.13056	-0.558925	20.9395	-32.4389	4.35997	53.5109	-9.21476	-12.7549
INTNOL	32.974	-14.9351	2.09706	27.1739	5.04684	-10.5714	5.04684	5.04684	5.78869	-17.9663
LNHOL	-21.1029	16.1296	-26.2037	-15.122	-31.3962	-12.9284	19.702	30.1517	-13.599	-19.4261
PKXNL	-9.13732	-10.2207	-28.9844	-2.70589	15.0544	-1.24869	50.7014	5.3531	-43.2465	-30.3586
HNHOL	16.0579	-21.4075	6.4894	18.0662	46.8793	36.4261	-50.1703	21.7905	-34.8803	-22.7557
A*MAN	3.21381	-1.82039	-4.21768	-6.50292	30.6102	2.60527	-43.8901	-26.222	4.83319	12.6272
APXPS	7.18233	3.54941	15.6574	19.115	-18.7555	1.20709	-11.9178	-5.6770	5.7707	2.69185
BEAN	9.75987	11.7066	16.2658	21.1517	25.079	43.2713	-35.0212	-37.0051	16.1298	13.893
BSPS	-5.1912	-4.85023	25.795	22.6136	7.82855	39.8014	35.6143	-26.1923	49.5167	16.4747
SVFMS	-4.57807	-1.89231	-16.4092	-1.38945	30.3584	16.937	-36.1821	21.9448	-9.70108	23.346
NSECV	-4.57807	-1.89231	-16.4092	-1.38945	30.3584	16.937	-36.1821	21.9448	-9.70108	23.346
PINVS	2.31187	-8.7668	-29.3999	3.15555	12.3169	-2.75693	32.792	35.2569	-43.0536	-17.3912
PTLIN	11.068	-15.8187	17.1219	21.051	-15.8676	16.5282	30.4871	-17.9497	32.0713	-4.06461
INTLN	7.00522	30.3991	16.5405	20.3478	12.9518	-8.63773	-13.0233	4.50524	-5.31877	-3.63719
NBR	57.6509	5.56951	18.0667	32.7154	-2.01634	43.5386	-27.6799	-102.599	32.0713	59.661
IGRL	35.0295	81.4498	90.4805	87.8182	-6.87984	39.4123	-11.0517	-107.984	110.481	33.9271
OBLN	29.4053	31.2566	82.2206	36.2392	-10.5888	40.7836	-12.5012	-110.975	99.7859	36.1164
IBRM	29.4234	33.5204	88.59	51.3399	-6.47023	21.7736	-10.995	-73.4955	5.6005	-13.0105
ORNL	35.8932	21.8377	75.6514	31.0055	-9.25225	14.8583	-11.6177	-100.481	78.5432	-32.6207
PKOL	40.0127	10.1564	81.6383	32.9863	5.25149	39.7011	-31.4134	-101.064	82.2304	28.2661
LDRP	17.8662	15.4725	94.2751	35.0255	-7.18303	28.4662	-5.4477	-84.6193	73.1279	20.2182
NFLOR	16.6645	29.4408	69.1663	25.2075	-14.3349	31.1167	-2.91198	-106.746	94.1387	31.9872
GORLNL	20.2605	-1.69783	29.2806	19.1107	-1.20495	15.813	-29.182	-78.6759	60.286	-16.443
GORLND	38.8821	-27.724	50.3014	61.8866	8.42318	25.672	-19.3377	-22.6165	8.66226	-5.57886
CONWD	10.5501	30.1186	117.005	75.8269	15.1368	30.9811	-26.0575	-67.7693	29.6566	23.737
LOTPFA	29.6725	29.6099	87.2083	8.14587	-0.0713669	39.5901	-21.3211	-95.5025	87.1101	24.8474
IKFM	9.58608	81.6795	34.0094	11.9178	-12.341	24.2877	-13.3599	-107.7	83.9737	15.1769
INFL	37.1051	35.351	79.4149	31.9962	-1.99336	39.0509	-18.1852	-109.283	96.0036	30.2865
FKNLN	36.6773	8.07245	89.8996	0.806905	-4.82676	42.6511	-27.6574	-88.3558	71.4757	21.7535
VACXKL	39.4054	34.0005	69.4489	25.1355	-4.87761	42.6719	-22.6714	-87.4514	80.251	29.4219
STKXOL	136.251	-32.9576	82.8184	40.9043	10.2701	27.5619	-28.1189	-22.0573	7.71107	0.684202
APXKLN	-37.0576	126.88	17.6321	4.397	-8	-28.22	-11.9082	-36.6052	-27.7694	13.1605
CRXKWD	42.4184	17.4321	136.166	80.736	-15.1	7	2.5615	75.7648	93.3274	17.9887
CRXKWD	40.9243	14.397	20.736	136.999	-3.26974	15.0014	-2.85196	-26.5471	24.1082	9.44976
VANGS	70.2228	-8.92199	-15.7247	-5.36574	136.996	30.9355	30.5299	16.0095	-5.43189	-0.318894
VANGB	87.5614	-23.22	58.0613	15.0016	30.9355	136.71	-23.4293	-41.0284	30.0263	14.5189
SHINL	-28.1749	-11.5062	-18.7982	-2.86196	30.5299	-23.4293	136.774	15.2416	-10.2582	-27.4289
NNHOFD	-22.5073	-36.6052	-75.7698	-28.5471	16.0045	-41.0284	15.2416	136	-91.1862	-27.4289
IBLHR	7.71107	27.7694	34.1082	-5.43189	36.0523	5.96758	-91.1862	134.075	92.1424	135.108
OBLHR	0.630226	13.1465	17.9887	9.44976	-0.318894	14.5189	-10.2582	-27.4289	52.1424	135.108
IVLHR	15.0679	-49.1038	-21.703	-6.5087	9.97592	12.9523	-2.2731	-49.7737	17.5168	17.5168
CRLLNL	20.5625	11.2557	30.0707	-12.0883	-6.88136	29.0603	-15.7734	-61.5289	53.3882	17.5168
CRLLNR	8.94054	6.62695	-81.8223	-30.205	11.2641	7.486	-33.6997	-42.6847	8.89045	17.5168
CRLLNR	15.6527	70.2194	9.05955	-61.1682	-1.20163	32.3134	-19.7127	-71.605	64.2186	16.0393
STLLDR	59.5666	20.8166	2.16445	-23.3095	-7.96548	-0.276445	11.0635	-55.7283	51.1566	9.09107
TLPLR	-41.6831	-16.6116	-40.2202	-41.1589	-16.3403	-33.9502	10.952	-100.755	-28.7598	-17.0602
INFLHR	18.2928	-46.2132	-16.3387	6.38379	9.80835	6.95917	-4.16751	70.0892	-36.01	18.9625
LNFLHR	25.0519	30.7792	75.1273	29.3774	-9.97467	-27.7116	-118.231	90.2907	29.9547	29.9547
ALFLA	-10.1698	6.72318	-8.94455	18.9751	8.86399	-20.7371	19.6071	32.5077	-34.8232	-14.7895
LOPFLR	-18.7292	20.559	-24.1684	-30.0643	4.24351	1.17594	-6.40483	-39.9398	40.0488	12.2836

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VARIABLE	INVLNR	CALLNR	CORLNR	CORIMNR	STLLNR	TFLPLR	INFLNR	LANFLR	ALFLNR	LOFLNR
RACHLEN	-18.1936	-21.2884	-2.59409	-9.47953	2.57418	6.26791	-10.1434	-16.44374	23.4558	0.652461
INTMDLN	-22.87	-6.25681	-0.928817	7.51891	-13.3888	-20.6217	-19.1819	10.9184	-6.40549	9.59846
LNWLRL	2.47419	-10.0807	-4.96515	-14.3782	-1.80017	26.7597	-3.00796	-21.234	16.9635	-9.59649
KKLRL	14.6077	-25.8895	-12.9525	-35.3423	-19.9871	17.1506	14.1484	-42.0311	35.0581	-18.0372
DOOOL	12.6313	-17.8767	-7.9188	-23.1179	-26.6074	26.6839	17.8261	-24.3433	16.7879	-10.102
R.93408	9.71752	16.6987	15.8890	8.53519	-10.8009	-13.5312	18.6720	-11.5856	8.894	7.98491
APKPS	-27.1022	-5.48157	1.83459	2.41357	4.59892	-20.8034	-22.8048	7.6284	7.2755	7.98491
BSAN	-17.111	-6.81052	-12.9296	1.70706	15.162	-34.6068	-14.2901	30.3015	1.30218	5.10729
BSF	-11.3878	3.78859	3.50033	-6.07714	27.6961	-28.0088	-16.4675	27.5626	7.718	9.1014
SVLRE	17.4520	-20.2305	-2.88257	-12.9068	-70.6766	10.2053	31.2902	75.8349	24.8289	-3.1062
BSF	27.167	-1.78382	-11.0582	-25.8994	-5.24007	32.8610	36.7911	-7.7941	37.6524	-20.4866
PINDV	15.173	-10.2946	-11.4718	-36.9517	-23.5572	-16.2934	11.7382	-3.2363	12.7558	-7.4097
PFLCN	-6.25721	12.1	-10.3429	8.13255	8.63348	-20.4681	-7.44209	25.5788	-8.61219	-6.51484
INTLN	-17.3397	-17.6274	-15.3025	-22.2948	10.2342	8.30664	-12.5589	-2.60095	25.0419	-7.1958
NBL	-15.2017	59.1685	36.0177	75.0636	19.6923	-102.564	-25.1935	102.583	-58.8876	35.4621
IBRL	-24.9951	56.6886	27.3151	67.441	44.6104	-110.628	-13.7421	108.839	-33.3254	37.365
GBFL	-22.7499	50.8228	33.704	74.2936	45.2081	-100.308	-60.311	108.083	-44.6091	38.648
IBRL	-28.1108	27.2325	-9.26702	32.6703	3.61479	-80.3946	-38.5627	72.0475	-12.3584	11.5139
ODNR	-48.7078	24.4711	31.8443	69.5123	38.4191	-102.738	-65.4495	90.2301	-42.7955	32.341
PKOL	-22.6727	69.2888	30.5631	72.5302	50.905	-95.632	-41.8316	105.25	-39.3737	25.7915
LBPR	-19.0238	50.637	3.15098	53.2155	27.6102	-90.0044	-34.1629	84.4511	18.9245	10.0867
INFLR	-53.2155	50.1074	39.0452	67.6088	53.028	-89.8129	-41.637	103.086	-32.0528	38.4747
CORLNR	4.6673	116.446	55.3269	82.7316	12.9061	-59.0759	-15.0852	86.3498	-55.8806	8.98482
CORLND	-9.58911	-21.7657	-11.7091	-11.0402	-21.6999	-21.6999	-10.6516	16.9488	34.9237	-1.24691
CORLND	-27.8266	32.4774	-71.7059	18.6099	24.3634	-80.6825	-27.8566	80.1173	-24.3324	-3.54072
LOFLPFA	-16.0414	75.5891	88.6343	106.469	54.6235	-76.3474	-65.5429	59.386	-59.2809	90.2306
INFL	-67.5668	56.5988	56.7162	68.1455	68.1455	-88.5187	-96.9805	100.157	-71.8853	57.8853
INFL	-22.7499	64.152	47.5198	87.1552	32.9821	-94.0745	-43.9004	111.053	-39.1194	52.1445
PKLNL	-16.1157	74.69	68.9897	95.0259	31.7983	-88.9917	-10.2331	87.918	-109.699	16.0456
ANLNL	-12.0933	8.21	51.0636	66.6041	45.0489	-77.3268	-32.4918	56.1739	-16.5096	25.121
STKLNL	-19.9679	26.79	8.96065	15.6587	-95.5666	-41.6633	-18.2928	29.0219	-10.1856	-15.7292
INFLNR	-48.1038	11.57	6.02595	7.8194	50.5186	-16.6312	-46.2132	32.7729	6.78318	20.295
DRMND	-81.703	30.67	-61.6223	0.09592	5.71685	-84.2592	-16.3397	75.3313	-6.93405	-24.4884
DRMND	-6.5087	-48.1	-52.2005	-67.1682	-23.3005	-81.1589	6.36379	59.5774	16.9751	-30.6043
VANGS	9.25792	-6.63136	-11.1641	-1.20163	-7.96548	-16.3403	-9.97467	8.48549	4.24351	5.17994
VANGS	12.9523	29.0603	22.7487	32.3134	-0.276455	-33.9422	6.89917	32.1046	-20.7371	-1.77949
INFLNR	-2.731	-15.7734	7.8462	-12.7157	7.0656	10.225	-9.7186	19.6101	-6.08083	2.7164
NNHNFID	-44.7448	-61.5229	-33.0497	-71.605	-45.7281	-100.755	-70.0052	-118.231	53.5671	-79.9329
INFLNR	-9.7757	136.571	82.681	64.2156	51.5668	-88.758	-35.03	90.2907	-60.9432	40.0489
ODLNR	-17.9368	17.5317	8.89445	16.0343	9.09107	-17.0692	18.2425	29.5547	-14.7285	12.2836
INFLNR	136.996	9.68957	6.5304	0.590033	-11.2921	87.9716	-18.062	-28.3793	14.2825	-2.7176
CORLNR	9.68957	136.996	6.5304	84.4556	16.6831	-44.5766	-6.98466	72.5038	-32.2177	7.19002
CORLNR	0.850013	62.3504	136.991	56.525	35.8828	-12.0566	-29.7104	36.6222	-49.952	76.334
CORLNR	-17.9291	89.4506	66.525	136.542	52.1957	-32.8943	-62.2408	72.0911	-61.3016	63.3338
STLLNR	-11.2921	18.6831	35.8828	52.1957	135.962	-28.833	-29.7104	62.896	-16.7944	26.2107
TFLPLR	81.9116	-48.5726	-12.0566	-52.8943	-20.631	135.667	60.5382	-48.3728	29.3144	-14.0598
INFLNR	108.062	-6.60486	-29.7104	-82.2408	-51.9713	80.6332	135.931	-86.4678	31.6983	-11.8245
LANFLR	-28.3793	72.5038	36.6222	72.9911	82.896	-88.3728	-46.4678	136	-82.9118	38.5875
ALFLNR	-18.2825	-23.1177	-19.222	-61.2943	-16.1944	-21.2943	-32.9118	12.968	-42.0201	136.66
LOFLNR	-21.9766	6.19002	76.3348	63.3436	50.2107	-14.0936	-41.2945	82.9118	-42.0201	136.66

CANONICAL DISCRIMINANT ANALYSIS

PERFEN-CLASS SSP MATRIX

VARIABLE	RACHLEN	INTNDLN	LINDRL	KOLNLI	KOWDL	APXAN	APXPS	GSAN	BSPS	SVKHS
RACHLEN	10.3646	3.74623	12.1561	13.9905	3.50237	-2.9146	1.42174	-6.51413	-2.25119	5.3813
INTNDLN	3.74623	7.63113	-0.652469	-3.5754	-2.70305	1.52048	2.46408	2.76602	2.50008	-2.89038
LINDRL	12.1561	-0.652469	18.314	23.1074	7.29847	-5.4923	-1.50861	-11.759	-3.7664	7.27188
KOLNLI	13.9905	3.2758	23.1074	29.9461	9.9963	-7.1582	-3.12536	-15.5943	-7.55711	10.0225
KOWDL	3.50237	-2.70305	7.29847	9.9963	3.60304	-2.61549	-2.01728	-5.40082	-5.0129	3.74524
APXAN	-2.9146	1.52048	-5.4923	-7.1582	-2.61549	1.07221	1.22282	3.93694	2.03136	-2.6040
APXPS	1.42174	2.46408	-1.50861	-3.12536	-2.01728	1.22282	2.68143	2.31113	1.83247	-5.48191
GSAN	-6.51413	2.76602	-11.759	-15.5943	-5.40082	3.93694	2.31113	8.27609	4.19311	-2.96405
BSPS	-2.25119	2.50008	-3.7664	-7.55711	-2.03136	1.83247	2.03136	4.19311	2.33466	3.7273
SVKHS	5.3813	-2.89038	7.27188	10.0225	3.74524	-2.6040	-2.03136	-2.96405	-5.48191	-2.96405
NSCQV	0.907338	-2.69663	7.29843	11.6684	9.15947	-3.41308	-4.66599	-6.85142	-4.35259	5.32232
PIWBL	7.7026	-3.7281	16.5121	22.6985	8.43777	-5.92218	-4.71558	-12.3487	-6.67119	8.55036
PTLLN	-0.82026	0.440715	-12.3912	-15.6371	-9.94078	3.71752	1.02551	7.95845	3.64043	-4.921
INTLN	7.87049	3.9582	8.3406	9.15377	5.95534	1.75911	1.77634	-4.04266	-7.10095	1.84207
NRB	-18.1775	14.0636	-37.9073	-51.2973	-19.1892	11.5407	10.4511	28.2641	15.1189	-19.4487
LBAL	-13.1394	10.627	-32.5952	-46.1123	-17.9561	12.4765	11.6514	25.706	14.4452	-19.2916
ODRL	-12.2154	10.066	-32.4212	-46.3672	-18.3599	12.6813	12.9504	26.0489	14.8581	-18.7315
IRNW	-9.23862	13.1371	-18.4172	-27.3296	-11.4177	7.73413	6.86901	15.7484	9.40644	-11.6588
ODRW	-8.98703	18.5238	-28.0034	-41.0328	-16.8033	11.4771	12.4702	23.4194	13.758	-17.1963
PMAL	-15.3464	14.38	-36.0155	-47.1673	-17.7895	12.5019	10.4365	25.21	14.1166	-18.062
LBPR	-11.335	13.8495	-27.7217	-29.1237	-15.1779	10.5461	9.74035	21.7725	10.1935	-15.4558
RFLOL	-10.9143	18.2357	-30.6322	-44.1766	-17.7169	12.181	12.4629	24.9641	14.2981	-18.0927
COLLNL	-21.8063	3.06637	-33.9233	-44.8011	-14.1156	10.8979	3.87149	22.3532	10.5449	-14.1123
COLTMO	-6.4895	3.53305	-12.3316	-10.5567	-9.90705	4.23052	2.80965	8.87339	4.5956	-5.96465
CORTW	-14.1657	9.09833	-28.0046	-37.9999	-12.717	9.8251	7.00575	20.3066	10.7668	-13.9368
LIWFL	-11.5496	14.2312	-28.1362	-40.0125	-15.5357	10.8059	9.95096	22.2797	12.4848	-15.8215
INFW	-5.9654	20.9262	-41.5528	-38.6933	-16.6107	11.1592	13.7052	22.5697	13.8121	-17.0085
REFL	-12.9104	16.3888	-24.5124	-34.8817	-17.4605	12.1189	11.4465	24.9671	14.0844	-17.7926
FMKL	-15.5961	11.5413	-32.1018	-43.0599	-16.132	11.4433	8.67247	23.8236	12.7025	-16.3427
APXNL	-13.4653	10.5479	-28.4772	-39.1389	-14.5384	10.2752	8.10017	21.3529	11.492	-14.2928
STNNOL	-10.4462	1.28556	-16.3206	-20.8193	-6.73018	5.01748	1.73626	10.6966	5.01381	-6.72391
VACHKL	9.07897	9.50406	5.68897	4.0661	-0.83637	-0.080608	5.12786	-0.670876	1.37316	-1.07979
GRNND	-13.5715	8.59594	-26.7259	-34.167	-13.0872	9.34037	6.6004	19.5038	10.5383	-13.5269
GRNND	-7.14342	0.56447	-10.9076	-13.8192	-4.40336	3.30187	1.00047	1.05783	3.29771	-4.39188
VANG	5.95361	7.7802	7.28265	8.53138	2.8076	-1.82793	0.581828	-1.04619	-1.49532	2.18854
VANG	-10.1027	3.16254	-17.5208	-22.0442	-7.70329	5.06556	1.88283	11.8872	5.07262	-7.74032
JHNL	-10.1257	0.0566333	14.8165	18.5061	5.71695	-4.34132	-0.881641	-0.33276	-6.16257	5.68099
RMNDIFD	11.4614	-19.3813	32.1368	46.1092	10.3426	-12.4813	-25.5592	-14.8094	18.7246	-15.9594
IBLR	-12.7815	13.4094	-29.4265	-41.1129	-15.6962	10.9838	9.59037	22.7121	12.536	-15.9594
ODLWR	-9.86789	-0.986466	-13.6447	-16.7033	-6.96377	3.83423	0.868394	8.30505	3.54056	-4.90744
ODLWR	-9.17792	-16.9016	0.240028	9.73566	5.52186	-2.02373	-9.4139	-9.7692	5.39743	5.39597
COLLWR	-17.1354	0.870998	-26.0399	-32.7401	-10.3591	7.79934	2.11212	16.702	7.68691	-10.3199
COLLWR	-3.0464	5.8208	-9.13501	-13.2675	-8.40513	3.69939	3.93887	7.52889	5.14138	-5.32707
COLLWR	-8.95594	11.9879	-22.7674	-32.3245	-12.67	6.78586	8.35265	18.0815	10.2134	-12.9135
STLLR	2.51152	10.5356	-4.79436	-9.9053	-5.23898	3.24616	6.40404	6.29005	4.67324	-8.8886
STLLR	-10.3421	-17.9152	29.8289	43.0701	17.2994	-11.6893	-16.2876	-24.3367	-16.0705	7.6731
INFLWR	-8.59783	-20.5017	3.89934	11.4283	9.09281	-4.726	-12.1267	-6.79377	-7.5645	8.59108
INFLWR	-12.0108	18.9877	-22.6257	-41.6708	-17.2807	10.5179	23.3552	12.3888	-16.5818	-16.5818
ALFLWR	-0.8679	-6.87995	21.5085	28.9839	10.496	-7.48878	-5.1004	-15.6255	-6.2157	7.01644
LOPFLR	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	PIHNV	PTLNL	INTLN	NBR	IBRL	OBRL	ISRW	OBRW	PKHL
RACMLN	0.992738	7.7826	-8.22086	7.87089	-18.1775	-13.1394	-12.2154	-5.25042	-8.98703	-15.3486
INTROLN	-7.26063	-6.37291	0.489715	3.9522	18.0636	16.627	18.0926	18.3371	18.5238	14.38
LMDROL	7.29943	16.5121	-12.3912	8.3406	-37.9073	-32.5952	-42.4212	-18.4172	-28.0434	-34.0185
PKMLN	11.4684	22.8305	-15.6371	9.15377	-31.9273	-46.1123	-46.3672	-27.3256	-41.0328	-47.1773
PKMIL	5.15947	8.43777	-4.24076	1.09344	-19.1892	-17.9561	-10.3594	-11.4177	-16.0033	-17.7895
APKAN	-3.81308	-5.96818	3.71752	-1.75911	13.5887	12.4765	12.6813	7.73813	11.471	12.5019
ATPDS	-4.66509	-4.71356	1.02551	1.76594	10.4637	11.4934	12.4908	8.86901	12.4702	10.4365
BSAN	-6.85142	-12.3887	7.95865	-4.04264	28.2664	29.706	26.0489	15.7424	23.4194	25.91
BUPS	-4.35259	-6.67119	3.64043	-1.10895	15.1369	16.4452	18.8961	9.48484	13.738	14.1386
SVKGS	5.32233	8.56494	-4.9923	1.84057	-19.0487	-18.2916	-18.7132	-11.6988	-17.1063	-18.082
NSECV	9.36693	11.9096	-4.95771	-0.591326	-28.482	-27.2392	-28.5299	-13.0233	-27.3223	-25.6894
PIHNV	11.9096	19.285	-11.1783	4.88927	-47.8431	-41.1465	-42.1085	-26.2462	-38.6079	-40.668
PTLNL	-4.95771	-11.1783	8.38389	-5.63863	25.6618	22.0707	21.9545	12.4748	18.9931	23.0311
INTLN	-0.591326	4.88927	-5.63863	6.71795	-10.163	-6.20629	-5.30497	-1.30469	-2.98322	-8.13783
NBR	-28.482	-43.8931	25.6618	-10.163	99.7056	95.212	95.4704	59.1113	87.3301	92.4574
IBRL	-27.2392	-41.1465	-6.20629	93.3112	89.4527	89.1348	88.5573	85.5168	87.3147	85.8107
OBRL	-28.5299	-42.1085	-5.30497	95.4104	92.1338	95.1033	92.6578	88.6605	89.5287	86.9107
ISRW	-13.0233	-26.8462	12.4748	-1.30469	59.3112	58.5573	60.8356	32.6578	27.4119	26.1588
OBRW	-27.3223	-38.6079	18.9931	-2.98322	67.3301	85.5168	88.6605	57.4719	83.3095	82.4238
PKHL	-25.6894	-40.668	23.0311	-8.13783	92.4574	87.3147	85.8107	56.9848	82.4238	85.9812
LMDROL	-22.8305	-38.7728	18.7704	-5.44113	78.0725	75.4854	77.7101	49.3163	72.0761	73.7551
RFLOR	-26.0036	-40.6529	20.7443	-0.37467	92.0531	89.3713	92.3967	59.3814	86.3976	86.5737
CORLNL	-19.2377	-31.598	22.9544	-14.4117	73.3906	64.1922	64.1922	37.217	56.2205	66.2203
CORLND	-7.76914	-13.4707	8.3469	-3.88788	30.695	28.2377	28.719	17.5584	26.0101	28.2615
CORLND	-21.443	-31.443	18.9836	-8.24638	71.5824	66.3783	67.6786	41.1025	61.9399	66.1116
LCPTFA	-23.4671	-35.5946	19.1866	-5.52448	79.3813	79.3813	79.3813	20.3208	71.8576	75.3066
INFL	-28.6225	-38.2563	17.3107	-0.457943	86.3377	85.1681	89.7973	59.0939	85.2301	82.1086
INFL	-40.6234	-40.0185	21.3378	-5.48465	70.7364	67.1196	69.7734	37.1356	81.4189	84.9578
PKMLN	-22.373	-36.8104	21.7131	-8.81234	83.8208	78.2716	79.978	49.6136	73.1068	77.624
AKMLN	-20.5207	-33.2874	19.2704	-7.40295	75.5425	70.8766	72.5276	45.1996	66.487	70.0895
STMDOL	-7.15218	-15.2908	11.0433	-7.0355	34.9579	30.0788	30.4599	17.8662	26.6127	31.2144
VACMLN	-6.85689	-12.0987	-3.83867	7.9826	4.35344	9.49829	11.8197	10.3469	13.5247	6.14025
GRNDMD	-17.6414	-29.8449	18.691	-7.93364	67.9796	62.9909	64.2047	39.3633	56.4016	62.7162
GRNDMD	-4.5089	-9.86012	-4.86919	22.477	19.7709	19.7012	11.2622	11.1074	20.3654	10.2654
VANGS	1.02601	5.0612	-4.92508	4.95516	-11.6672	-8.81736	-8.35383	-3.92572	-6.45567	-9.29887
VANGS	-9.21684	-17.5128	11.7111	-6.47223	-10.0177	35.9076	36.8293	31.591	32.0367	36.4934
SH/LNL	5.36609	12.9143	-10.0242	7.07448	-29.6913	-25.1822	-24.9284	-13.9257	-21.3414	-26.5102
MMOFHD	28.6696	32.0838	-21.7824	5.00719	-59.3242	-92.2407	-95.2694	-61.057	-89.5179	-89.531
IBRL	-23.1158	-35.8982	19.9231	-6.87714	81.5636	77.5008	79.6182	40.1952	71.5324	76.0282
OBRL	-4.07792	-11.1602	9.23038	-7.01838	29.7764	21.2846	20.8657	11.2617	17.4941	22.7909
PKMLN	15.6617	32.0634	-0.18344	-9.32432	-26.7338	-34.7752	-38.0401	-28.4038	-29.2861	-29.6281
OBRL	-10.325	-23.4347	17.6165	-11.8908	55.6038	46.2302	49.9719	28.062	39.7429	48.0711
CORLNL	-8.70366	-12.4142	6.1867	-1.09380	28.0911	27.4299	28.406	8.3462	26.6465	26.4799
CORLNL	-19.3783	-29.0423	15.4201	-4.11556	65.8402	63.2763	65.8217	34.042	60.6371	61.6717
STLLRL	-11.4604	-18.2028	3.25931	3.60578	27.2437	29.6033	31.3693	19.0777	31.2167	26.8454
TFLLRL	-27.4149	-39.7075	-20.2011	4.17227	-89.9048	-87.1947	-90.3264	-54.0879	-84.0565	-84.578
INFL	18.3154	16.8971	-2.6608	-9.57766	-42.0981	-48.3317	-52.2368	-37.8623	-52.8763	-52.8876
RFLR	-28.6828	-37.3027	20.0594	-5.7101	84.601	81.0491	83.4628	53.0186	77.8564	79.1434
ALFMLR	18.1678	23.592	-74.4916	6.32316	-58.5346	-50.5383	-51.5183	-27.7251	-46.8729	-50.3545
LCFFCLR	-11.2151	-10.8973	1.95261	4.7995	24.2044	27.3277	29.4151	7.14257	29.5732	28.249

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS SSCP MATRIX

VARIABLE	STHKL	VACHKL	CRWHD	CRWHD	VANGS	VANGS	SHIKL	MMNPHD	JBLWR	OLBLWR
RACHLEN	-10.4462	9.07897	-13.5715	-7.13242	5.95351	-10.1057	10.1597	15.8574	-12.7415	-9.86779
RTDROL	1.82536	9.45046	8.53954	0.56487	1.77902	3.12954	0.0565333	-18.3833	13.4094	-0.98646
MLNDL	-16.3206	5.68897	-26.7259	-10.7076	7.78245	-17.3044	14.8755	32.1366	-29.4282	-13.6447
MLNL	-20.8193	4.0661	-36.167	-13.8192	6.51138	-22.6442	16.5061	46.1052	-41.1129	-16.7033
MMVLD	-6.73017	-0.812637	-13.0872	-4.40336	2.2476	-7.70325	5.71696	18.3466	-15.6962	-4.96377
APKAR	5.07749	-0.0201008	9.30023	3.30187	-1.82793	5.62646	-4.31132	-12.0486	10.5818	3.83623
APKPL	1.73562	5.12786	6.6004	1.00077	0.341828	2.82823	-0.891691	-12.6113	9.50037	0.268394
BSAN	10.6966	-0.470816	19.5038	10.0773	-4.04619	11.8872	-9.31776	-25.9592	20.1221	8.30505
BSPS	5.01341	1.37316	10.2183	3.25771	-1.49532	5.87262	-4.16557	-19.2694	12.534	3.94056
SVNGS	-6.72391	-1.07919	-13.2302	-4.39189	2.18659	-7.74032	5.68099	18.7226	-15.5594	-4.00744
NETCV	-7.15278	-6.62689	-17.6414	-4.3069	1.02007	-2.71244	5.36509	28.0098	-31.1194	-6.07792
PINSV	-15.2502	-2.29987	-29.8649	-9.96812	5.01612	-17.5128	12.9143	42.0808	-35.9296	-11.1802
PTLNL	-1.0433	-3.5367	18.091	7.50026	-4.9208	11.7111	-10.0942	-21.7624	19.9231	6.33038
INTNL	-7.0395	7.9826	-7.93368	-4.86934	4.45514	-6.47733	7.07424	3.00739	-6.69716	-7.03838
NBR	34.9579	4.35546	67.9876	22.67	-17.6527	-29.6913	29.3343	81.5636	25.7164	-7.7164
ORBL	30.4738	9.49289	62.9909	19.7709	-8.81736	35.9706	-25.1822	-22.2401	77.5008	27.2648
ORBL	30.4599	11.6197	64.2047	19.7012	-8.35183	36.2993	-26.9286	-95.2894	79.6126	20.8697
ORBL	17.5462	10.389	39.5233	11.8622	-3.92572	21.591	-11.9237	-61.051	50.1953	11.2617
ORBL	26.6129	13.5247	34.4016	17.0774	-6.25567	32.2627	-21.3414	-68.9179	73.1324	17.8941
ORBL	31.5346	6.14065	62.7762	20.5654	-9.90877	36.5109	-26.5109	-49.511	76.6542	22.7909
ORBL	25.6947	7.70824	33.228	16.808	-4.07594	30.4425	-21.4394	-77.7081	65.4395	18.1589
ORBL	28.8846	12.2379	67.8003	18.609	-7.36701	34.6071	-22.4051	-24.5989	97.074	19.4096
ORBL	30.4629	-8.10052	21.274	20.2472	12.6916	34.6071	-22.4051	-24.5989	97.074	19.4096
ORBL	11.2757	0.952877	21.0615	4.1609	-4.07594	12.6741	-5.73888	-28.6499	24.6917	5.92777
ORBL	25.7417	1.56808	60.0038	16.8003	-8.78167	28.1745	-22.0666	-67.5631	34.2202	19.3214
ORBL	26.4749	7.96378	34.5294	17.1822	-7.72722	31.1394	-21.9096	-79.6637	66.9896	18.5485
ORBL	19.528	17.0592	37.2514	15.6816	-1.70782	30.7562	-12.1351	-30.1919	31.578	19.1552
ORBL	25.4954	9.28126	31.2116	19.1214	-4.4403	34.8186	-20.3212	-89.8874	75.4366	20.5168
ORBL	29.57	3.22085	29.7163	-9.79714	-9.79714	33.7673	-25.1724	-79.8955	68.8734	21.9063
ORBL	28.9969	3.77104	51.4637	17.1903	-6.62244	30.1489	-26.2757	-78.49	61.8951	19.2899
ORBL	16.6096	-2.77636	29.5192	9.73666	-6.30110	15.6538	-11.1097	-30.2343	27.3673	15.023
ORBL	-4.17436	14.0134	1.32511	-3.1618	4.84666	-2.18685	5.34416	-17.8898	6.50325	-6.11102
ORBL	26.5192	1.32511	46.5686	16.0931	-6.59442	27.7594	-21.0391	-64.0936	55.9593	18.4401
ORBL	9.73666	-2.16518	15.0931	6.50051	-4.29022	10.3646	-8.1103	-19.5388	17.0116	8.09251
ORBL	-2.40704	4.88866	-8.59842	-4.29022	6.20778	-6.20778	8.16011	-10.3891	-5.82114	-5.82114
ORBL	15.6538	-2.18685	27.7594	10.3646	-6.20778	17.1812	-13.8089	-38.0599	31.8876	12.0053
ORBL	-13.187	2.34416	-21.0391	-6.21103	6.0403	-13.8089	12.0119	-28.0751	-22.6969	-11.1523
ORBL	-30.2343	-11.8898	-54.0896	-12.5388	6.16011	-16.0599	20.6751	95.4519	-79.6441	-20.594
ORBL	27.3273	6.54325	25.6098	17.8116	-8.3881	31.1476	-22.0569	-79.6441	67.3644	19.506
ORBL	12.023	-6.11102	18.4401	6.09251	-5.82114	12.023	-10.5994	-20.5994	19.526	10.4521
ORBL	19.528	17.0592	37.2514	15.6816	-1.70782	30.7562	-12.1351	-30.1919	31.578	19.1552
ORBL	23.2003	-6.16091	37.9838	15.5077	-10.3569	28.5861	-10.7713	-50.5452	4.7475	19.4118
ORBL	8.64932	4.15503	16.8114	5.56774	-2.16005	10.4466	-6.96827	-22.4814	23.6885	7.73999
ORBL	21.913	7.10192	44.4	13.8352	-6.06278	29.2613	-17.577	-65.1097	34.7329	14.0077
ORBL	5.23179	-11.662	17.3334	3.09566	0.97023	7.95386	-3.08246	-31.8981	28.5438	1.56165
ORBL	-28.1467	12.1168	-46.3382	-13.7568	1.16999	-13.7568	1.16999	30.5949	-75.3105	-19.9554
ORBL	-5.35952	-24.6256	-25.9983	-2.79313	-3.90546	-10.4107	1.59252	52.9814	-35.3939	1.04473
ORBL	27.85	8.47516	37.1277	17.8689	-8.04719	32.5946	-22.6971	-61.2293	30.7139	19.3694
ORBL	-19.6445	-1.1151	-37.8662	-12.8921	6.07191	-22.5944	16.8501	-51.1876	-44.3374	-16.7663
ORBL	3.56791	12.9794	15.0881	1.96108	1.78045	6.38126	-1.48075	-29.8029	22.3702	0.165722

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS SSCP MATRIX

VARIABLE	INVLNR	CRLLNR	CURLNR	COHLNR	STLLNR	TFLNR	INFLNR	LNFLNR	ALFLNR	LCFLNR
RACHLN	-9.11796	-0.17319	-3.09464	-9.98594	2.51152	10.5921	-8.59.83	-12.0104	10.8497	4.10127
INTDNL	-16.9016	-0.67058	5.8206	11.9879	10.2346	-17.5132	-20.5017	-14.9877	-6.87792	27.0338
LNWDL	0.29405	-26.0199	-9.1501	-22.7874	-4.75415	29.8339	3.89935	-20.0251	21.8085	-2.86819
MKLN	5.72346	-32.8371	-13.2975	-32.3545	-9.39054	43.0701	11.4883	-41.8704	28.5839	-7.1432
APKLN	5.52185	-10.3597	-5.80913	-12.67	-5.22898	17.2599	8.05281	-18.2801	10.495	-6.83446
APKLN	-3.02311	7.78934	3.69939	8.9388	3.24815	-11.8893	-9.1722	11.2172	-7.46879	2.76997
APKLN	-9.8130	2.11212	3.93847	8.3545	6.40404	-12.2276	-12.1267	10.5177	-5.31004	6.57401
BSAN	-5.27492	16.702	5.6289	18.0835	6.28002	-24.3567	-8.79377	23.3252	-15.6155	5.21853
BSPS	-5.39742	7.62597	4.91338	10.2134	4.67524	-14.0705	-7.5645	-13.0859	-8.1337	4.28851
SVINS	5.93957	-10.3199	-5.52787	-12.9115	-5.88552	17.6731	8.59108	-16.5818	10.6168	-4.91983
INSDV	15.6617	-10.125	-8.10364	-19.3781	-11.4604	27.4182	20.3134	-24.6828	18.1678	-11.2151
PINSV	13.0634	-23.4347	-12.4162	-29.0423	-12.2028	39.7075	18.9971	-37.3027	23.953	-10.8973
TFLLN	-0.18244	17.8105	6.1567	15.9361	3.2551	-20.2011	-2.0504	20.0598	-18.4914	1.95261
INFLN	-9.34132	-11.8908	-1.00088	-4.13558	3.00778	4.17227	-2.59766	-5.7101	4.33116	4.7995
NBR	-28.7330	53.8038	28.0911	65.8422	27.0437	89.9044	-42.0981	84.601	-54.5346	28.2044
IBNL	-31.7152	46.2303	27.4290	63.2763	29.6031	97.1897	-88.1317	81.0891	-60.5383	27.3277
OBFL	-38.0040	45.9719	28.406	69.2217	31.9620	90.3264	-92.2388	83.4828	-51.5183	29.4151
IBRW	-28.4028	26.092	18.3662	41.5482	22.0977	-52.0879	-27.8623	53.0146	-31.7255	21.1057
OBFW	-30.2863	39.7424	26.0450	60.6371	31.2167	86.4065	-92.8163	77.4864	-68.8729	29.7155
PNFL	-29.6921	48.2111	26.4799	61.6717	26.8454	-84.278	-42.8476	79.1434	-50.3245	24.1
INFLR	-28.8294	39.3203	23.118	53.3872	24.7799	-73.6837	-40.3276	58.387	-62.7616	22.8228
INFLR	-36.4703	43.4287	27.6631	63.6996	31.3763	-87.8707	-52.4096	80.9877	-49.5933	29.4322
CORLNR	-4.57714	48.2201	18.2528	48.9385	11.4117	-59.3693	-12.1953	58.2771	-41.1491	7.9826
COALND	-7.04462	17.5107	8.49595	19.089	7.48361	-26.9395	-10.5071	29.6181	-16.2031	6.3773
COBTND	-18.3579	7.8389	46.7926	18.7759	-27.6489	-63.6198	-27.6489	60.1976	-39.2556	16.03
LCFLNR	-29.7179	40.1914	23.6787	54.6687	25.4202	-75.4241	-41.4002	70.0359	-43.7889	23.4242
INFL	-40.7885	36.183	27.2036	61.1974	31.8785	-85.9779	-59.0135	77.8805	-65.3684	32.7626
INFL	-34.3174	44.6923	26.7854	61.6397	29.0978	-95.1438	-47.5697	78.9319	-69.112	26.8712
PNFL	-23.515	35.5656	23.3226	55.2172	32.5691	-75.1394	-64.6845	70.9896	-85.8664	19.868
AKFL	-22.4257	40.4183	27.2794	50.6257	26.2878	-68.387	-32.6499	64.256	-41.276	18.7331
STHFL	-1.78091	23.2003	8.64932	21.3815	5.23179	-28.1427	-5.35952	27.69	-19.6449	3.76791
INFLNR	-21.3585	-8.16091	4.13503	7.10192	11.682	-12.1168	-24.6256	8.47.6	-1.1115	6.9794
CRWNL	-17.2035	37.9438	10.8114	44.4	17.3334	-60.3382	-29.9983	27.1871	-37.3426	19.0861
CRWNL	-0.53504	15.5077	5.56774	13.6303	3.05906	-18.1559	-2.79313	17.9664	-12.8921	1.96108
VANGS	-4.82027	-10.3698	-2.18005	-6.06616	0.87073	7.38415	-3.90846	-5.06719	6.7397	1.78805
VANGS	-5.81062	24.5461	10.4468	25.2233	7.92386	-33.7526	-10.4107	32.5946	-22.2594	6.32196
SHLN	-1.10044	-21.0713	-4.96827	-11.577	-2.08456	22.6388	1.90026	-22.8971	16.2501	-1.8075
NHOFNR	-18.735	-85.5652	-28.4814	-65.3097	-31.8981	90.5294	-92.9614	-83.5535	-51.4276	-29.8925
IBRW	-27.639	11.7475	23.6044	54.7222	24.5438	-75.3105	-39.3499	70.237	-44.3374	22.3702
COFLNR	3.05044	19.4118	7.1999	18.8057	1.56145	-16.9536	1.04413	19.3094	-14.7635	6.016522
INFLNR	-37.513	-0.20946	-12.3238	-25.1193	-24.0784	37.8179	85.2663	-13.3306	1.8682	-24.3134
CRWNL	-0.22094	17.0252	12.9877	28.317	6.73956	-42.8819	-5.99262	32.0187	-30.3942	3.99889
COFLNR	-12.3238	12.9177	6.30596	19.439	9.87819	-27.052	-16.6532	28.4806	-15.0972	9.3295
COFLNR	-25.1193	32.317	19.439	44.7711	21.1914	-61.8724	-34.7648	37.328	-35.624	19.6277
STLLNR	-23.0784	6.73956	9.87819	21.1914	15.376	-30.7685	-28.7686	36.7365	-19.9385	15.844
TFLNR	37.8174	-82.2879	-27.052	-61.8724	-30.7685	85.9171	51.8574	-79.1151	68.4206	-28.8871
INFLNR	-85.8663	-5.39262	-16.6535	-34.7648	-26.7626	51.4574	-53.5979	-29.3312	29.8696	29.8696
INFLNR	-31.3305	40.0187	26.8846	57.338	26.7369	-79.1151	-53.5979	-31.8463	-44.3313	29.6591
ALFLNR	13.6682	-30.3942	-15.0972	-15.6824	-13.9389	88.4802	20.9312	-85.8333	29.9446	-12.1428
LCFLNR	-29.4174	3.99889	9.32695	15.6877	15.544	-28.8871	-29.8696	20.6591	-12.1428	16.1568

CANONICAL DISCRIMINANT ANALYSIS

CLASS MEANS

SPECIES	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
DISCOLOR	-0.0827512	0.0804711	-0.1274126	-0.2571835	-0.0949169	0.0797694	0.0465665	0.1323990	0.0653650	-0.0894976
TRANSVAA	0.6956216	0.1521729	0.8940306	1.0717788	0.3066283	-0.2252985	0.0213896	-0.2979193	-0.2173742	0.3017833
UNI FLORA	-0.2312994	-0.6037051	0.1452235	0.3792942	0.2535415	-0.1374171	-0.3706206	-0.2886615	-0.2442538	0.2751159

SPECIES	NSECV	PINSV	PTLN	INTLN	NDR	IBRL	OBRL	IBRW	OBRW	PMXL
DISCOLOR	-0.1406588	-0.2205738	-0.1409784	-0.0833331	0.5194391	0.4910189	0.5054219	0.3094249	0.4641734	0.4866055
TRANSVAA	0.1867528	0.6709616	-0.2906099	0.5107492	-1.2347922	-1.2095544	-1.1634941	-0.5943789	-0.9378772	-1.3311987
UNI FLORA	0.6113574	0.5904917	-0.0848169	-0.2672673	-1.2925516	-1.4677568	-1.5682478	-1.1457313	-1.5938742	-1.2947548

SPECIES	LRRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFM	INFL	FMXLN	AMXLN
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	-0.5254825	-1.1707804	-1.0608572	-0.7595933	-1.1642131	-1.3135416	-1.1484638
UNI FLORA	-1.2180075	-1.5831371	-0.4161853	-0.3395486	-0.8711709	-1.2814477	-1.7740629	-1.4460467	-1.0704963	-1.0058790

SPECIES	STMKL	VARMKL	CRMMW	CRMMW	VANGS	SHINL	MMNOFND	IDLNR	ODLNR
DISCOLOR	0.1708214	0.0334734	0.3514236	0.1126033	-0.0545602	0.1960344	-0.1480906	-0.4933581	0.4309532
TRANSVAA	-0.7827124	0.2092715	-1.1168134	-0.5289044	-0.4020044	-0.7894032	0.7352933	1.1545565	-1.1275682
UNI FLORA	-0.1878340	-0.7162668	-0.8045130	-0.1010533	-0.1024330	-0.2403539	0.0693683	1.6137304	-1.1958824

SPECIES	INVLNR	GRLLNR	CORLNR	JORLNR	STLLR	TFLPLR	INFLNR	LNFLNR	ALFLNR	LCFLNR
DISCOLOR	-0.1669425	0.2623815	0.1453368	0.3445816	0.1566518	-0.4749422	-0.2352712	0.4357851	-0.2785162	0.1377399
TRANSVAA	-0.3912905	-1.8760983	-0.8144053	-0.8309001	0.0037297	1.0427366	-0.3000975	-1.1171468	0.8970281	0.1867488
UNI FLORA	1.3303508	-0.2055646	-0.5062188	-1.0569544	-0.8463813	1.5565453	1.6350022	-1.3329217	0.6509196	-0.8804132

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	RACHLEN	INTNDLN	LNWDRL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVINS
DISCOLOR	-0.0829	0.0805	-0.1893	-0.2573	-0.0979	0.0690	0.0584	0.1425	0.0784	-0.0996
TRANSVAA	0.6956	0.1552	0.8925	1.0669	0.2969	-0.2276	0.0231	-0.2997	-0.2204	0.2959
UNI FLORA	-0.2313	-0.6037	0.1463	0.3769	0.2499	-0.1493	-0.3611	-0.2800	-0.2335	0.2661

SPECIES	NSECV	PINSV	PTLN	INTLN	NDR	IBRL	OBRL	IBRW	OBRW	PMXL
DISCOLOR	-0.1416	-0.2230	0.1274	-0.0832	0.5108	0.4825	0.4966	0.3088	0.4558	0.4776
TRANSVAA	0.1867	0.6956	-0.6134	0.5089	-1.3548	-1.2242	-1.1835	-0.5917	-0.9500	-1.2583
UNI FLORA	0.6078	0.5956	-0.1013	-0.2664	-1.3112	-1.4833	-1.6028	-1.1411	-1.6077	-1.3215

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-STANDARDIZED CLASS MEANS

SPECIES	LBRP	NFLOR	CORLLN	CORLWN	CORTWD	LCTPFA	INFW	INFL	FNKLN	ANKLN
DISCOLL	0.4120	0.4796	0.3509	0.1546	0.3624	0.8150	0.4598	0.4680	0.4257	0.3883
TRANSVAA	-1.0597	-1.0886	-1.6082	-0.2265	-1.1731	-1.0542	-0.7661	-1.1721	-1.3157	-1.1493
UNI FLORA	-1.2520	-1.6022	-0.4166	-0.3412	-0.8602	-1.2644	-1.1765	-1.4540	-1.0731	-1.0071
SPECIES	STMKLOL	VACHKLN	CRHWD	CRHWD	VANGS	VANGB	SHINL	NNHOFHD	IBLWR	GBLWR
DISCOLL	0.1718	0.0399	0.3446	0.1120	-0.0539	0.1994	-0.1442	-0.4935	0.4215	0.1244
TRANSVAA	-0.7184	0.5107	-1.1288	-0.5273	0.4040	-0.7834	0.7367	1.1946	-1.1482	-0.7040
UNI FLORA	-0.1656	-0.7114	-0.8107	-0.1009	-0.1016	-0.3366	0.4726	1.6127	-1.2770	0.0067
SPECIES	INVLWR	ORLWR	CORLWR	STLLR	TFLPLR	INFLWR	LRNFR	ALFMR	LOPFCLR	
DISCOLL	-0.1659	0.2627	0.1455	0.3390	0.1493	-0.4667	-0.2344	0.4358	-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
UNI FLORA	1.3260	-0.2036	-0.5037	-1.0598	-0.8539	1.5667	1.6275	-1.3335	0.6507	-0.8801

WITHIN-STANDARDIZED CLASS MEANS

SPECIES	RACMLN	INTNDLN	LMWDL	MXLNL	MXWDL	APXAN	APXPS	BSAN	BSPS	SVIRS
DISCOLL	-0.0855	0.0822	-0.1975	-0.2889	-0.0981	0.0689	0.0566	0.1000	-0.0785	-0.1003
TRANSVAA	0.7184	0.1595	0.9519	1.1980	0.2988	-0.2379	0.0332	-0.5324	0.2949	0.2949
UNI FLORA	-0.2389	-0.6168	0.1561	0.4232	0.2515	-0.1493	-0.3621	-0.2868	-0.2336	0.2679
SPECIES	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	OBW	PKKL	
DISCOLL	-0.1456	-0.2388	0.1306	-0.0439	0.9967	0.8244	0.9129	0.3637	0.7953	0.7953
TRANSVAA	0.1920	0.7128	-0.6291	0.2169	-2.0339	-2.0917	-2.1758	-0.6968	-2.2620	-2.2620
UNI FLORA	0.6521	0.6872	-0.1039	-0.2705	-2.5586	-2.5343	-2.9467	-1.3637	-2.5749	-2.2607
SPECIES	LBRP	NFLOR	CORLLN	CORLWD	CORTWD	LCTPFA	INFW	INFL	FNKLN	ANKLN
DISCOLL	0.5683	0.8254	0.4883	0.1592	0.4560	0.5765	0.7579	0.6075	0.5004	0.5004
TRANSVAA	-1.4618	-1.8730	-2.1763	-0.5419	-1.4761	-1.4782	-1.2769	-1.0980	-1.8774	-1.8964
UNI FLORA	-1.7270	-2.7978	-0.5638	-0.3512	-1.0823	-1.7564	-2.9687	-2.3545	-1.9313	-1.3112
SPECIES	STMKLOL	VACHKLN	CRHWD	CRHWD	VANGS	VANGB	SHINL	NNHOFHD	IBLWR	GBLWR
DISCOLL	0.1804	0.0376	0.4216	0.1139	-0.0502	0.2117	-0.1499	-0.8969	0.5936	0.1286
TRANSVAA	-0.8175	0.5305	-1.1739	-0.5362	0.4062	-0.8317	0.7657	2.0989	-1.6197	-0.7283
UNI FLORA	-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

SPEC/ES	INVLWR	ORLLWR	ORLHR	CORLWVR	STLLBR	TFLPLR	INFLWR	LANFWVR	ALFWLR	LCPPCLR
DISCOLOR	-0.1932	0.3052	0.1921	0.4108	0.1573	-0.7550	-0.3040	0.6378	-0.3095	0.1425
TRANSVAA	-0.4603	-1.4762	-0.3205	-1.0199	0.0172	1.7246	-0.3870	-1.6270	1.0051	0.1359
UN17LORA	1.5446	-0.2366	-0.5163	-1.2831	-0.9000	2.5677	2.0928	-1.9516	0.7307	-0.9302

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSP MATRIX

VARIABLE	RACHLN	INTNDLN	LMNDRL	NKMLN	MMOVL	APKXN	APKPS	BSAN	DSPS	RVINS
RACHLN	125.635	80.9799	4.21004	15.5252	9.75932	-9.21059	-15.4868	-12.1384	-10.2668	-3.61982
INTNDLN	80.9799	128.367	6.73721	18.8951	12.4393	-10.2868	-21.0598	-10.6902	-8.90204	-14.1249
LMNDRL	4.21004	6.73721	118.636	44.758	-98.103	-52.0411	6.55117	-56.2393	9.12876	-46.8919
NKMLN	15.5252	18.8051	44.758	107.033	72.7078	-29.2737	7.42219	-5.01991	24.214	-4.2805
MMOVL	9.75932	12.4393	-56.103	72.7078	18.1875	2.31087	43.5976	13.6719	43.1211	31.672
APKXN	-9.21059	-10.2868	-58.4414	-29.2737	18.1875	132.769	-59.5051	4.28129	-20.7333	31.672
APKPS	-15.4868	-21.0598	6.55117	7.42219	2.31087	-59.5051	131.795	18.1451	22.8992	-8.73545
BSAN	-12.1384	-10.6902	-56.2393	-52.0411	63.2976	4.28129	18.3851	126.943	71.5844	14.6741
DSPS	-10.2668	-8.90204	9.12876	24.214	13.5719	-20.9333	28.8892	71.5844	131.729	-3.96581
RVINS	-3.65983	-14.2329	-46.9319	-4.2805	47.3211	33.672	-8.73545	14.0741	-3.96581	131.38
NECOV	11.5316	2.50917	20.0003	66.8396	47.1044	-16.957	-1.66418	12.1657	35.1147	26.4889
INSV	-9.56288	7.30169	2.4109	19.4002	16.6957	-4.51381	8.28711	13.6528	-15.8526	-15.8526
ILLN	21.5833	29.7233	52.0496	44.7581	21.0309	-36.4144	6.69971	-14.2332	20.5133	-7.58712
INTLN	22.0982	9.68035	-14.5458	18.7619	33.4512	-10.789	-16.4034	2.71603	3.3252	2.91903
NDR	11.9165	7.57815	-1.75277	-3.64949	-2.443	17.7339	-3.18016	-0.79838	5.66178	8.41263
DRN	6.7146	-2.05173	4.46292	-3.07214	-8.31683	-9.32729	7.56467	21.7457	29.9886	2.35589
ORNL	7.35152	6.22931	9.32126	6.58124	-1.71087	-2.02656	4.99946	10.6688	21.2021	-2.87956
INRW	4.36519	5.63542	-16.6562	-1.3388	11.6221	-0.486449	12.3544	15.4244	2.80264	-3.18019
ORRW	-5.6011	15.5695	10.5418	16.2897	7.89244	-3.95951	1.47183	6.2887	13.457	-10.8307
PKWL	15.2942	6.05702	-2.45037	5.0235	7.12687	17.2879	-11.6159	-9.95275	0.701225	6.21321
LMR	16.5163	9.07898	10.103	14.2371	5.96849	-5.31157	-11.6598	6.61717	16.2769	9.06465
NELOR	8.5313	3.08246	12.7639	-0.08438	-15.2577	3.20172	0.73983	6.35998	26.4403	-4.28982
COURLN	-1.03901	2.02934	12.1959	13.0711	6.44456	-0.496881	3.73039	-19.7163	-2.25229	-0.31562
COURLD	7.09602	17.0844	-4.89331	10.4692	12.1135	-3.46451	2.2103	1.43235	0.183015	17.0415
CORTMD	-0.48884	-5.5694	-3.0488	-1.71627	7.32924	-5.69304	6.82668	11.5538	6.6831	1.10747
LCTFPA	4.44153	-0.072389	3.98846	4.38005	0.982242	0.239572	5.03573	-2.26162	8.84187	1.23884
INFX	9.38522	-2.02926	7.34538	1.64615	-0.24711	6.02641	4.45828	-0.82035	12.1752	-13.1183
INFL	11.6927	2.2581	2.17173	-0.288901	-1.90145	1.97689	-3.84461	7.10107	18.9627	6.19304
FAKLN	-0.15561	-5.54438	3.9235	6.05228	5.03005	4.58813	-9.14094	-0.0841	-1.31177	-9.83006
AVKLN	7.99739	-6.199	-0.111213	10.6248	11.4699	3.7765	4.5607	7.02069	22.6855	10.9505
STVKOLN	13.7274	31.6885	-8.44228	-1.4056	22.7881	-1.80366	5.42971	-0.940704	-10.1574	10.5381
VAKOLN	-8.59532	-2.1055	4.44067	-1.7658	-20.0549	1.44055	-1.88245	12.1875	44.307	-0.81817
GMNDH	4.44080	5.69356	0.43924	7.17851	6.65772	-13.5579	9.05703	18.762	15.4887	-3.17599
GMNDH	6.58649	1.51261	-4.211	-1.1133	15.3895	-8.83159	16.0959	18.762	15.4887	3.00243
VANDS	18.9829	15.1397	-60.4	9.2727	44.6317	32.4221	-19.3388	29.1252	9.35388	58.1658
VANDS	-22.3332	-13.4029	-25.6191	19.3995	44.1936	-3.01904	-1.67538	31.3841	33.3287	20.6773
SVINFL	-5.78572	4.99001	97.1857	-56.2872	-11.0361	-56.2872	-11.0361	65.6584	39.7799	-82.1631
NKNOFID	41.7495	24.2818	-1.95304	8.2179	9.44788	-13.5730	-3.03626	-11.3259	-13.3259	3.22219
JBALR	3.54775	-7.68057	16.0271	-2.13364	-7.19104	-2.12883	-3.81967	13.4107	33.3807	6.25632
ORBLR	-2.40773	-16.9566	-5.78181	-21.8145	-17.6379	8.70564	2.42346	5.98701	16.9341	21.5035
INVLWR	-0.97781	-5.95944	2.83016	8.85399	7.10943	5.97781	-12.6783	-11.766	-6.0704	11.9198
ORBLR	-0.68589	-7.12577	15.9591	9.90759	-7.51758	1.91818	0.375249	-23.1125	-3.83836	-9.91051
COURLN	0.50052	-6.74162	4.16986	0.374918	-2.51367	12.9593	-2.09988	-20.4925	-0.914024	2.64529
COURLD	-0.68589	4.46099	8.80917	-0.98777	-10.4478	6.70374	-5.86253	-16.2765	-8.13955	-0.93276
STLLD	0.062616	-28.1215	3.31819	-10.5086	-17.1604	-1.26894	1.80512	8.8819	23.021	-3.34003
TFLFLR	-3.37416	-2.70551	-3.0701	4.12051	9.38656	1.04839	-8.27579	-10.2481	-13.9163	-7.16743
INFLR	-1.54262	1.31974	8.57733	-2.66049	9.33333	-8.80719	-10.7782	-2.44566	-6.82599	22.9991
LINEHR	-4.1427	-0.073206	8.27106	-1.16063	-8.06336	7.35952	-7.48992	6.7562	14.4729	-6.25323
ALFMR	12.8085	-1.26555	-4.44004	6.07422	8.29187	-0.09577	8.18057	16.9377	17.9327	15.2086
LCFCLR	-3.44881	-1.03557	-7.9869	-10.694	-5.44052	6.12943	1.81091	-0.112845	5.33829	1.71163

CANONICAL DISCRIMINANT ANALYSIS
POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	NSECV	PINBY	FTLLH	INTLN	IBR	IBRL	ODRL	IBRW	ODRW	PKGL
NACHLEN	11.0316	-9.56828	21.2833	22.0982	11.9165	6.9146	7.35152	4.35519	9.60011	15.2982
INTRODIN	3.58917	7.30169	29.7233	9.66045	7.57415	-2.05713	6.22931	5.63592	15.5695	6.05702
LINORL	26.0003	2.4109	92.0096	-16.5358	-1.79271	4.62692	9.32126	-16.6562	10.5818	-2.40811
KOLRL	66.8398	19.4002	64.8781	18.7619	-3.64499	-1.07214	6.58124	-4.3388	16.2897	5.0235
KOLRL	17.5048	16.6967	21.0309	33.4512	-2.445	-4.37683	-1.71087	11.5221	7.69609	7.69609
APKAN	-16.957	-4.53581	-36.6193	10.796	-11.7339	-9.32272	-2.02656	-0.186649	-12.8546	17.8874
APKPS	11.6610	8.51021	6.65971	-16.4034	-3.18016	7.54667	4.99250	12.3546	1.67183	-11.6199
BSAN	12.1057	8.78711	-14.2332	5.37603	-0.70818	21.1467	10.6608	19.4244	6.2887	-5.26275
BSPS	35.1347	13.6528	20.5133	3.9222	5.6474	29.5966	21.2021	2.80264	13.457	0.701225
SVMS	25.1489	-15.8536	-7.58712	2.91903	9.01263	2.35589	-2.87906	-3.36019	-10.8397	6.21321
NSECV	127.595	-7.30632	47.0451	0.390009	7.95849	13.3043	6.16141	3.64135	10.3574	11.9646
PINBY	-7.30632	117.555	4.05096	12.5473	-1.8221	-2.86351	-2.37729	7.10393	1.88986	-2.09667
FTLLH	47.0451	4.05096	128.255	-7.43609	2.79031	5.37199	6.39807	9.10539	13.16	2.14762
INTLN	0.349009	12.5473	-7.43609	130.858	12.76	13.8837	13.8007	23.9255	14.1182	15.4801
IBR	7.95849	-1.8221	2.79031	12.76	14.807	20.7334	12.9139	8.6113	12.1907	12.1901
IBRL	13.3043	-2.86351	5.37199	13.8837	20.7334	95.5755	26.9281	29.1428	20.2964	14.9277
ODRL	8.16141	-2.37729	6.39807	12.9139	12.9139	16.9281	39.1295	17.4538	20.5959	17.5752
IBRW	3.64135	7.10393	9.10539	23.9255	16.6133	29.1428	17.8258	97.3372	28.0664	19.5808
ODRW	10.3574	1.88986	13.16	14.1182	12.1907	20.2964	20.5959	26.0864	21.6119	14.4212
PKGL	11.9646	-2.09667	2.14762	15.4801	12.1901	14.9277	17.8752	19.5808	14.4212	47.3817
LBSP	23.2533	-4.91943	14.2287	17.7321	11.2166	21.2269	10.8713	22.0404	8.60985	21.6879
NFLOR	3.31569	1.00813	8.71567	3.81951	17.4446	21.4673	20.9579	12.2745	17.595	16.2974
CORLJL	14.7843	-0.01782	3.47941	6.21047	8.60489	9.04981	13.3615	11.3636	18.2091	23.1777
CORLWD	8.72334	24.7399	16.4394	22.8844	8.96784	-4.38558	-5.86844	18.5535	4.87171	0.739724
CORTUD	5.5609	2.60621	6.98443	55.1613	8.00996	24.4745	19.1944	40.8987	15.697	15.8395
LCPFTA	9.75739	1.10425	1.85669	5.3265	18.8094	29.7018	20.5436	13.0101	17.335	19.9726
INFL	-1.16665	0.181753	3.85403	13.2467	7.78959	12.5241	16.4956	6.33861	19.1166	18.2977
INFL	13.8873	-1.02828	4.4012	16.3556	22.6061	34.6192	26.1825	28.9005	19.1214	26.8017
PKLRL	0.458203	4.05318	-0.280302	10.2200	3.2592	6.28245	6.47854	0.671332	8.89597	9.08006
AKWLN	25.2976	-15.219	4.94709	23.2484	18.1425	20.4823	-22.4415	21.9241	17.7795	26.5745
STMDOL	2.27471	17.562	0.0266779	14.0487	22.093	4.55069	-0.618676	35.2572	9.28026	14.4783
VNDOLRL	2.51067	-4.37093	-11.9761	22.4165	1.23105	31.2475	20.1389	23.1294	6.1306	4.01759
CRAND	16.6109	0.471998	19.6309	26.4782	10.0691	27.8936	18.1159	49.0667	17.2497	18.4619
CRAND	12.2617	18.0701	18.0701	25.2172	9.84482	28.0478	11.538	28.0777	12.9831	12.8209
VANGS	7.5581	7.30077	-10.9027	8.49561	9.65089	1.93772	-2.23697	-2.54451	3.86957	11.9405
VANGS	25.7431	18.7758	4.81414	-2.1604	3.51928	2.304	4.35426	1.98264	5.57159	3.20777
SRNL	27.1983	-0.168339	40.5113	-20.1515	0.04893	14.1159	12.3671	-17.0192	7.78374	9.26233
NUNOFO	4.20907	-6.12391	3.01828	-0.498193	-7.26996	-15.7444	-15.7054	-12.4042	-11.5631	-11.2333
IBRL	12.2617	-7.12042	1.7837	13.1916	13.187	11.538	-34.5051	9.05083	6.19517	9.05083
ODRL	-8.09761	-6.21098	-13.2754	3.40319	3.89046	12.5521	17.2468	-24.2783	-11.1108	5.77528
IBRW	12.5053	2.30946	-5.87717	-8.01535	13.4891	-9.78011	-5.79131	-9.708	-9.42148	7.01941
ODRW	8.5912	-16.8601	-5.21885	-5.73553	5.3647	10.5383	14.8508	-1.14048	14.7282	21.0107
CORLRL	-2.35656	0.948213	1.7793	-14.2116	7.98653	-0.118626	5.29790	-27.6133	5.29776	4.88281
CORLRL	-6.12109	-7.9178	-1.2575	-8.13006	9.22187	8.16669	9.0319	-8.8739	8.8735	11.2365
STLLR	6.22032	-11.3394	5.37037	6.62846	0.18936	-16.3394	-10.4629	7.6624	2.05964	2.05964
FTLLR	9.44697	6.86991	-0.267028	-3.03653	-12.6991	-23.7781	-18.0166	-22.877	-16.2417	-11.054
INFLRL	16.4757	-5.2349	-4.78169	-2.93087	6.90415	4.59263	-8.10423	0.895678	-12.9732	0.556039
LNHHR	3.88663	-2.66648	-5.51538	-1.50766	17.9622	27.897	18.6206	19.0325	18.7527	26.1067
AKLRL	-11.2528	2.87928	2.87928	-1.29708	9.04892	17.0172	6.92918	19.1671	10.4159	10.4159
LCPCLR	-9.13149	3.48761	-8.76709	-11.939	11.3577	9.87882	9.87166	-9.55981	3.37057	1.54227

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	LRRP	NFLOR	CORLRL	CORLWD	CORTWD	LCTFPA	INFW	INFL	PHOGLN	AMKLN
BACHLEN	16.3463	6.55333	-1.01901	7.09202	-8.04884	6.44193	9.38522	11.6927	-0.194561	7.99739
INNDOLN	9.97850	3.02246	2.02234	17.0844	-5.5694	-0.072369	-2.02926	2.2581	5.94458	-6.199
LNNDOLN	10.103	12.7639	12.1599	-4.25331	-5.0488	3.38844	7.94518	8.17173	3.9235	-0.111213
LNNDLN	14.2377	-1.04026	12.0717	10.4092	-7.71227	8.36085	1.64615	-0.028901	6.62526	10.6248
MOVDL	5.50845	-15.2577	6.44498	22.1135	1.32528	0.962262	-6.24711	-1.90193	5.63005	11.6699
APMAN	-5.31197	3.20172	-0.49681	-3.46851	-5.69304	0.419972	0.06441	1.97689	4.32813	3.7766
YPS	-11.6938	0.93983	3.73039	2.2103	6.82968	5.03573	2.4528	-3.84401	-0.14094	8.5607
BSAN	4.61711	6.35298	-19.7163	1.03235	11.5536	-5.24102	-0.922035	7.10107	7.08069	7.08069
SPPE	26.2729	26.4403	-2.23259	0.143016	6.66331	6.48187	12.1722	18.9227	-1.11777	52.4355
SVINS	4.96465	-0.28982	-0.34562	17.0415	1.10743	1.23384	-1.71783	2.81904	-0.83006	10.8205
NECOV	23.2253	3.21560	14.7843	8.71224	9.5609	7.97379	-1.7176	13.8873	0.62403	25.2916
PIHGV	-4.91943	1.00813	-4.01782	24.7359	5.64961	1.10325	0.18163	-1.68242	1.05378	-12.219
PTLLN	14.2287	8.73567	3.47941	16.4394	6.98483	1.85659	3.05403	4.4012	-0.860032	4.94709
INTLN	17.1321	5.81591	6.21047	22.6244	26.1613	5.1556	13.2307	16.356	14.3608	23.2484
NBR	11.2266	17.4446	8.60489	4.96784	8.00958	18.6894	7.78089	22.6051	3.82152	18.1425
IBRL	21.2269	21.4673	9.00881	-4.30656	24.4715	23.7018	12.5283	34.6192	28445	0.4822
DBRL	10.8713	20.4979	13.3615	-5.28044	19.1916	20.9436	16.4996	34.1626	6.27254	22.4435
IBRH	22.0406	12.5745	11.3636	10.0525	00.8847	11.8019	6.33381	28.0405	0.657332	23.5041
DIRH	8.60985	13.385	18.2941	4.87171	19.687	17.335	15.1126	11.1211	6.29537	17.1795
MOZ	21.6479	16.8976	23.1177	0.739728	15.8395	19.9726	18.2477	25.8017	9.08026	26.5744
IBRP	68.4211	12.1355	15.5932	5.50217	24.8953	10.7189	22.3504	22.3165	2.7762	28.866
REFOR	12.1355	44.7638	2.5994	-9.17376	11.7098	12.01	22.1184	23.8708	-0.17632	18.8497
CORLRL	19.5932	2.5994	73.1098	0.296962	11.4769	36.7258	21.0189	28.8201	37.6155	44.4733
MOZHO	5.50217	-9.17376	0.296962	127.297	29.7748	-4.96117	-1.86506	-0.812705	8.49995	-0.09962
TUO	24.8953	11.7098	11.4769	29.1748	84.9933	6.1229	2.67533	17.1791	0.287645	18.6269
TA	10.7189	12.01	36.7258	-4.96117	2.67533	69.6929	30.5407	42.2766	32.7589	42.0075
	12.3508	22.1184	21.0089	6.86506	6.1520	48.1827	28.8351	19.2	22.336	32.336
	22.3165	28.8704	22.8201	-0.817705	17.1791	42.2766	26.4351	51.0716	16.1024	44.1767
	4.7788	-4.78722	7.6155	8.49985	0.787495	16.1024	16.1024	66.0793	24.2534	24.2534
	28.866	10.8497	44.4733	-0.09962	16.669	42.0075	32.336	44.1767	64.6534	79.8629
	17.9673	-10.2023	19.6377	21.0694	7.19129	3.31762	-19.0379	7.81073	17.0773	15.1085
	17.7603	17.2099	5.53669	-27.6191	28.1557	17.6422	24.2006	6.856	20.2429	20.2429
	31.2972	7.56599	7.00302	29.2203	68.6177	-7.32532	-3.18161	18.2033	-7.3177	17.9852
	18.2705	6.56609	-1.13653	34.1706	58.166	-9.03931	-3.76422	12.0749	-18.5969	7.15652
	0.390101	-6.74794	11.7466	12.8977	-4.12111	6.04983	-6.24321	6.24049	5.19216	3.79843
	-1.97601	-3.49053	13.1405	12.9379	1.80464	6.15469	-3.76495	3.03182	8.88394	11.8268
	20.9351	20.5511	-1.82994	-9.35843	-3.99087	0.389429	5.77523	5.96331	-0.395769	-0.395769
	-6.83121	-14.147	-14.3392	6.03339	-20.206	-15.8388	-17.5679	-15.3599	-6.49232	-14.7373
	17.71835	17.0646	0.65106	-16.1788	1.4324	20.1115	10.3597	20.607	0.02828	16.3559
	12.0529	12.4506	-8.7085	-14.1662	6.11668	0.1016782	10.0117	-0.18677	10.1341	10.1341
	9.90463	14.7392	9.24444	-2.89448	-8.85909	11.6765	-22.7844	11.5715	7.10184	10.1018
	17.1387	2.28074	58.2255	-66.5102	-4.13769	35.3916	20.1958	20.1959	67.004	43.5046
	-13.967	-2.28074	17.1381	-30.1716	-27.5486	60.2556	29.3326	20.779	59.4669	29.6642
	-0.171702	8.30915	37.7931	-35.5931	28.1636	51.8006	24.618	25.5195	40.2053	36.5779
	3.00207	1.69440	-21.3634	7.98779	2.98779	39.2034	34.1865	23.5143	9.22902	24.0611
	16.3667	-12.0422	0.293414	5.2396	-17.0427	-0.923388	-2.55681	-8.53007	7.22765	-8.73981
	-6.16448	-9.62782	-2.86989	0.24997	-0.21768	-4.18836	-37.2777	3.69325	-6.98668	0.15818
	16.0541	22.1482	-28.0727	-6.66571	23.2129	29.3506	22.9077	36.1828	16.9882	31.2179
	23.8231	17.3406	-4.1396	-18.0204	14.9632	-15.5361	-4.57267	9.99265	-63.8128	84.7604
	-12.7362	9.44254	1.06182	-7.58821	-19.5708	66.8099	29.1232	29.2733	16.6716	6.47101

CANONICAL DISCRIMINANT ANALYSIS
POOLED WITHIN-CLASS SSCOP MATRIX

VARIABLE	STHKL0L	VACKLH	CRHWD	CRHND	VANGS	VANGS	SHNL	HRHOFHD	IDLAR	OBLMR
RACHLEN	11.7274	-8.59532	8.44088	6.58449	14.9859	-25.3332	-5.79572	61.7495	3.58675	-2.88737
INTH0LH	31.6885	-20.1855	5.69356	1.53261	19.3317	-13.0039	8.90001	24.2818	-7.68067	-14.9566
LHWDRL	-8.44228	8.44054	0.88222	-0.21043	-40.6779	-25.6196	97.1857	-1.9537	-16.0271	-5.78441
RLHNL	11.40256	-14.8668	7.17861	11.1133	6.53197	19.3992	32.2553	8.2179	-2.1366	-21.6145
RRH0L	22.7857	-20.6297	6.65772	15.3693	48.6317	146.1936	-56.2672	9.48780	-19.164	-1.8319
APKAN	-1.80366	1.84059	-13.5979	-9.83139	32.4381	-3.01904	-59.2467	-13.5734	-2.72063	5.79296
APFOS	5.40251	-1.54245	9.05703	18.1186	-19.1384	-1.67538	-11.0361	-0.06026	-3.81967	2.42346
BSAN	-0.940704	12.3975	18.762	16.0959	29.1252	31.3841	-25.6884	-11.0459	13.4107	5.58791
BPFS	-10.1574	3.49307	15.8667	19.3559	9.35368	33.3287	39.7799	-13.3259	33.3807	12.9441
SVHNS	16.5351	-0.81627	-3.17292	3.02031	58.1058	28.6773	-42.1631	3.02219	6.2832	28.9035
NBECV	2.57871	2.41047	16.6109	22.5374	37.3383	29.7033	27.1483	4.20907	12.2555	-0.09781
FINOV	17.562	-0.97693	0.471998	13.2837	7.30077	14.7758	-0.12939	-6.12337	-7.12467	-2.1094
PTLLN	0.0246779	-11.9761	19.6329	14.0707	-10.9027	4.81414	9.5113	3.81268	12.7042	-13.2754
INTLN	14.0447	22.4165	26.4742	25.2172	8.49661	-2.1604	-20.1575	-0.96153	1.17837	3.80119
NDR	22.493	1.23105	10.0691	9.40442	9.68068	5.51492	0.036053	-7.25996	13.1246	1.9046
EBRL	4.59069	31.9475	27.4896	28.0474	1.93772	3.5047	14.1159	-15.7444	33.3337	12.6523
OBRL	-0.614676	20.1389	18.0159	19.538	-2.53497	4.55426	12.3671	-15.7024	20.7173	17.2468
IBRL	38.2372	23.1258	89.0657	82.0777	-2.54851	1.9624	-17.0192	-12.4482	-34.5021	-24.2763
OBRLR	9.28026	8.31306	17.2497	13.9831	-3.46957	2.57159	9.72375	-11.5631	5.05083	-81.1148
FKHL	14.4763	4.01579	18.8619	12.4209	11.5405	3.20732	-4.90383	-11.5333	6.10517	5.77528
LRP	11.9673	7.76243	31.2932	18.2745	0.394101	-1.97601	9.05771	-6.83121	7.71835	2.05826
RFRLR	-10.1203	17.2059	7.56599	5.56659	-6.747	3.49053	20.5531	-14.147	17.0646	12.4506
CORLRL	19.8377	6.53269	7.90302	-1.13653	11.7446	13.1459	-1.83904	-14.3392	3.06106	-8.47038
CORLWD	27.6064	-27.6193	29.2203	94.4706	12.4977	12.9379	-9.35263	6.03339	-16.1788	-14.1662
CORLWD	-7.15129	28.5537	68.8517	58.1366	-6.15511	1.80664	-3.79087	-20.206	1.4304	4.41668
LCTFFA	3.31762	17.6082	-7.35332	-9.03951	7.64993	8.15669	0.588429	-15.8388	20.1175	6.3089
RFKL	-75.0379	20.2226	3.18161	-3.76482	-8.54321	-5.76856	5.77263	-17.5079	10.3957	0.0216782
IRFL	7.40773	25.0497	18.2033	12.6749	-5.54694	5.03182	5.72617	-15.1919	20.607	10.0117
IRFL	7.0773	8.8556	-7.3177	-18.5529	5.15216	8.88384	-2.445532	-8.45532	3.00226	-0.14677
AKHLR	13.1085	30.2429	17.9852	7.9452	3.76443	11.8668	-0.195769	-18.9733	16.3559	10.1861
STHKL0L	102.34	-27.6813	17.8992	31.1877	16.9931	11.9676	-15.0251	7.7427	-19.6568	-11.1897
VACKLH	-27.8813	182.865	14.3069	7.56214	-13.7705	-26.0331	6.16402	-24.7154	21.2281	19.2575
CRHWD	17.0992	36.3069	87.5975	64.463	-7.13025	-2.79791	2.29409	-11.6862	-1.94241	10.48155
CRHND	31.1877	7.56214	64.463	130.498	-1.07952	8.63681	9.94007	-9.00835	6.29504	1.35605
VANGS	16.9939	-13.7706	-7.13025	-1.07952	133.554	37.1433	-36.2742	7.84443	2.95781	5.50225
VANGS	11.5073	-26.0331	-2.79791	8.63681	37.1433	119.739	-9.63238	-3.6487	6.16066	2.16927
SHNL	-15.0251	6.16402	2.29409	9.94007	-36.5742	-9.63238	124.743	-9.13333	28.4845	0.094145
HRHOFHD	7.727	-24.7154	-11.6862	-9.00835	8.84443	-5.36847	-9.13333	20.4681	-11.5421	-6.8211
IDLAR	-19.6568	21.2281	-1.94241	2.29572	6.16402	6.16402	20.8295	-17.5487	62.7103	32.6184
OBRLR	-11.1887	19.2579	-0.491455	3.35605	5.50225	2.16927	0.094145	-6.8211	32.6184	124.856
OBRLR	2.7488	-27.7453	-0.49956	0.02085	12.6872	10.7463	-1.17268	-11.0394	16.8416	10.8416
OBRLR	3.38219	19.7167	7.86712	-27.5558	3.68843	4.47413	5.24748	-15.9577	11.6406	-1.8001
CORLRL	0.31172	2.49191	-80.6337	-57.7682	13.3241	12.3019	-0.877729	-4.56859	19.0777	3.15468
CORLRLR	-5.6	-15.506	-80.2927	8.82513	7.09026	-2.13269	-0.29556	9.44619	20.6131	1.28646
STLLAR	-100.46	38.5666	-11.6169	-26.3956	-8.83621	-8.2305	14.148	-13.8302	20.6131	7.52963
TFPLR	-13.5206	-21.921	-21.921	-21.921	-8.99817	-0.18958	-1.8833	10.256	-1.88521	1.88521
INFLNR	23.4923	-21.5879	9.55954	9.15692	13.7130	17.3699	-5.75779	17.1078	3.31994	17.8978
LNFLNR	1.23186	22.304	18.2011	11.4109	-1.92788	-0.490021	13.1789	-34.6775	20.0537	10.553
9 ALFLR	9.58937	7.83469	26.408	29.8671	-2.08082	5.1332	2.7398	2.13943	5.89818	0.131508
LOPFLR	-22.2931	7.57951	-19.4765	-32.0254	2.45506	-5.14532	-4.92606	-10.1369	17.6786	12.267

CANONICAL DISCRIMINANT ANALYSIS

POOLED WITHIN-CLASS SSCP MATRIX

VARIABLE	INVLWR	CRLLWR	CORLWR	CORLWRH	STLLWR	TFLPLR	INFLWR	LRNPHR	ALPHLR	LOPFLR
RACMLN	-9.07781	-3.98959	0.500542	-0.688589	0.0726674	-3.57816	-1.54562	-4.427	12.0061	-3.44881
INTNDLN	-5.25044	-7.12577	-6.74162	-4.86589	-24.1215	-2.70651	1.31974	-0.073304	-1.55555	-1.03337
LNWDRL	2.23016	15.9591	4.16966	4.40917	3.11419	-0.90733	8.27106	-4.44004	-7.00809	-7.00809
KXULN	8.25399	6.90759	0.374918	-2.96777	-10.5966	4.12051	2.66409	-1.16005	6.67422	-10.894
MOUL	7.10913	-7.51758	-2.51677	-10.4478	-17.3694	9.30676	0.31333	-8.05326	6.25187	-5.4052
APXAN	5.77731	1.91818	12.9593	6.70374	3.26098	1.04839	-0.00519	7.34925	-0.09477	6.32943
APAPS	-17.6183	0.375249	-2.09908	-5.68253	-1.84512	-8.51759	-10.7782	-2.88932	8.16057	-1.41091
BSAN	-11.765	-23.1125	-20.4925	-16.3165	8.8818	-10.2081	-2.40636	6.77022	16.3277	-0.111245
BSFS	-6.0704	-3.67826	-0.910294	-4.13565	23.021	-13.9263	-0.88299	14.4729	17.9327	5.33289
SVINS	11.5198	-9.91851	2.64529	-0.99376	-5.34803	-1.44763	22.9991	-6.54937	5.7006	1.7136
NSECV	11.5093	6.5412	-2.35056	-6.12105	6.22032	5.44697	16.4757	3.89663	23.6862	-9.13149
PINCV	2.30966	-16.8601	0.942811	-7.9114	-11.3544	6.58591	-5.2589	2.06488	-11.1978	3.48761
PTLW	-3.27177	-5.5305	-16.7206	-7.2293	3.37837	-0.861028	-4.70169	5.11038	9.87802	-9.46709
INTLN	-8.01535	-9.73653	-14.2116	-8.11906	6.82846	-1.86563	-2.93087	3.10766	-1.29198	-11.939
NRN	13.4891	5.2647	7.98663	9.22147	-8.18436	-12.0591	6.50415	17.2622	9.04699	11.3577
IBRL	7.78013	10.4593	-0.116626	4.16469	15.0072	-24.3781	4.39265	27.8897	17.0129	9.87888
ORSL	-5.70913	14.6508	5.29796	9.4319	10.3354	-18.0196	-8.10423	24.6206	6.90918	9.47166
IRN	-9.708	1.14008	-57.6113	-6.8739	-18.4857	-22.5067	0.47478	19.0329	19.1671	-9.5941
OBIRH	-9.82148	14.7282	5.29776	8.87515	7.2624	-18.2417	-12.132	18.7527	4.11739	3.37057
PKML	7.01941	21.0187	4.88321	11.2585	2.09964	-11.0594	0.64039	16.1067	10.6175	1.54227
LRNP	9.90463	11.1187	-13.967	-0.11702	3.03027	-16.3507	6.16468	16.0041	-23.8231	-12.7362
NRFLR	-14.7392	7.28074	2.30814	4.30915	21.6517	-12.0422	-9.22742	22.1389	17.5406	9.48254
CORLLN	9.24444	68.2255	37.1341	37.7591	1.49448	0.293144	-2.88989	28.0727	-10.1356	1.00162
CORLWR	-2.49449	-66.5129	-30.1715	-35.5931	-21.3838	5.2396	0.24947	-8.66531	-18.0206	-7.68241
CORLWRH	-8.86009	-15.33769	-57.3448	-28.1836	7.98759	-17.0427	-0.21768	23.9199	14.9632	-19.5700
LCIFPA	11.6705	-15.3076	69.9505	51.4006	29.2034	-0.82322	-4.14836	29.3506	-15.5161	66.8059
INFL	-22.7844	18.4158	29.5326	24.018	34.1869	-5.56483	-37.977	-22.3677	-4.57267	25.1232
INFLH	11.5715	20.1929	20.774	25.5199	33.5133	-8.93067	3.66935	38.1208	9.90265	25.2733
INFLN	7.10124	28.6704	39.4669	40.2023	8.22902	7.82765	-6.76663	16.8866	63.8128	16.6776
INFLN	10.3824	43.6046	29.6642	36.379	29.0471	0.15818	31.9179	24.7684	6.41701	
INFLN	21.7008	1.38219	0.111302	-0.6876	-100.708	-13.5006	23.6823	13.1166	-22.2522	7.57961
INFLN	-27.7493	19.7167	10.7175	26.5566	-8.5148	-21.5875	29.304	7.83669	7.57961	
INFLN	8.69959	-17.85712	-40.6337	-35.304	-21.921	9.69294	18.2051	28.408	-39.4705	
INFLN	-6.08635	-67.2268	-27.6166	-40.995	-32.003	9.15622	11.4109	29.8671	-32.024	
INFLN	13.6722	3.68843	13.3541	4.86513	-8.83621	8.95417	13.7138	-1.92768	-2.09942	4.52506
INFLN	18.763	1.74113	22.3019	7.09406	-8.2305	-0.189594	17.3699	-0.490051	5.1232	-1.16332
INFLN	-11.7258	5.29788	-0.877229	-2.13569	14.148	-11.8433	-5.75779	13.1789	2.75998	-4.92408
INFLN	11.0398	-15.9277	-4.56289	-6.29526	-13.8302	10.226	17.1078	-34.6775	2.10443	10.1369
INFLN	18.0436	11.6806	10.0777	9.48638	28.6151	-11.3018	30.0517	7.89414	17.6746	
INFLN	14.8418	-1.6801	3.15446	1.22466	7.52963	1.06621	17.0789	10.5953	0.0351306	12.627
INFLN	99.4826	9.91051	13.1739	13.1903	-18.5146	-0.0942	62.7956	2.9513	0.414227	2.3318
INFLN	9.70751	99.4957	49.4028	52.1256	-1.24609	-1.57248	30.4051	-2.92347	-2.19131	
INFLN	13.1739	49.4028	128.465	17.006	26.0064	14.9958	-13.0569	11.7616	-34.8548	67.0079
INFLN	-62.1903	16.1396	17.006	31.0042	31.0042	7.48105	-25.5775	-25.5775	43.7161	
INFLN	-18.5146	11.7435	26.0046	31.0042	120.586	9.93551	-23.1592	16.1594	-2.85998	40.5667
INFLN	4.8962	-2.94629	14.9558	8.97411	9.93551	9.7489	-9.25771	-20.1062	14.7533	
INFLN	66.7956	-1.57248	-13.0569	-7.48105	-23.1592	3.1748	81.8997	2.86993	10.7631	-11.3486
INFLN	13.1739	30.4891	11.7816	19.6632	16.1594	-9.25771	-2.86993	62.5637	2.9215	11.9228
INFLN	0.49227	-2.92347	-26.9447	-25.5775	-2.86993	10.7631	9.2919	106.064	-92.77	
LOPFLR	2.3389	2.19313	67.0079	43.7161	40.5667	14.7933	-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	1.25931E-14	1.00000000	0.96876595	0.33686928	0.076210	0.082	5.527	0.0049
INTNDLN	1.15752E-14	1.00000000	0.97816281	0.28993450	0.056111	0.059	3.983	0.0259
LANDRL	-0.00162192	1.00348794	0.94027886	0.14719467	0.133727	0.154	10.383	0.0001
NKBLR	0.00104422	1.00339822	0.99371137	0.97860558	0.186168	0.280	18.745	0.0001
NKBLD	0.00028493	1.00311094	0.99263964	0.20104892	0.026087	0.028	1.858	0.1599
APXAK	0.01115202	0.99501961	0.99537998	0.18344095	0.013956	0.014	0.988	0.2930
APKPS	-0.01155431	0.99481311	0.99173666	0.17134399	0.019940	0.020	1.363	0.2594
BSAN	-0.00070620	0.99712933	0.97311081	0.30121174	0.061003	0.065	4.368	0.0745
BSPS	-0.01286306	0.99285452	0.99148884	0.15988099	0.017415	0.018	1.187	0.3082
BSKFE	0.00081698	0.99697325	0.99017738	0.02308807	0.028093	0.029	0.937	0.1482
BSECV	0.00142629	1.00352880	0.97506057	0.32024627	0.068291	0.073	4.919	0.0087
PINSEV	0.003086180	1.00300992	0.93655007	0.45951072	0.140952	0.164	10.993	0.0001
PTLLN	0.01518785	0.98756585	0.96991906	0.30297996	0.063203	0.067	4.521	0.0126
INTLN	0.000303096	1.00365267	0.96809340	0.25995490	0.085051	0.094	1.161	0.0456
NBR	0.01168809	0.99652008	0.99660118	1.08463388	0.781238	2.865	197.925	0.0001
IBRL	0.01021283	0.99600085	0.94129532	0.99069100	0.626974	1.363	131.503	0.0001
ONRL	0.01209833	0.99348146	0.94038048	1.02042957	0.708499	2.430	168.842	0.0001
IDRW	-0.00091471	1.00365162	0.95289314	0.65826007	0.289489	0.407	27.298	0.0001
DIRW	0.009561989	0.99731770	0.92271608	0.95506430	0.615869	1.603	107.420	0.0001
FK_L	0.01387003	0.99025735	0.99463826	0.97022783	0.848715	1.815	121.582	0.0001
LRFP	0.01605904	0.98549037	0.71896528	0.83512086	0.482158	0.911	62.383	0.0001
NFLDR	0.01113393	0.99590476	0.97810686	0.99186014	0.687817	2.407	134.453	0.0001
CORLNL	-0.00038707	1.00366063	0.98166937	0.85244075	0.461972	0.859	57.399	0.0001
CORLND	0.00273289	1.00315237	0.97466806	0.32359972	0.099666	0.075	5.033	0.0078
CORTWD	0.004818859	1.00206340	0.9941616	0.75140875	0.377616	0.607	40.651	0.0001
LCTFFA	0.005013567	1.00178558	0.92117695	0.85916819	0.405377	0.958	64.912	0.0001
INFI	0.005366053	1.00167364	0.99329473	0.96232570	0.647191	1.834	122.905	0.0001
INFW	0.007352144	0.99973206	0.61735808	0.96388725	0.694773	1.662	111.321	0.0001
PNKLN	0.000827144	1.00029475	0.70225174	0.67045287	0.161133	1.067	71.462	0.0001
ANKLN	0.00285634	1.00263970	0.77009986	0.79172067	0.418740	0.720	48.267	0.0001
STKRLD	-0.001583094	1.00348617	0.9925111	0.39994612	0.106675	0.119	8.001	0.0095
VCKPCLN	-0.002518999	0.995754901	0.95751743	0.39173143	0.102392	0.114	7.643	0.0007
CRNKD	0.00664111	1.00061015	0.81770275	0.71400506	0.341998	0.260	34.882	0.0001
CRNKD	0.000097078	1.00316672	0.96047811	0.86678153	0.087486	0.090	1.337	0.3385
VANGS	-0.000615931	1.00359448	0.99833379	0.19412939	0.025125	0.026	1.727	0.1818
VANGD	-0.003913287	1.00260650	0.98466223	0.43372820	0.125676	0.144	9.631	0.0001
SRHRL	-0.003654070	1.00284116	0.96408325	0.38295416	0.087696	0.096	6.462	0.0021
WNOFHID	5.88209E-15	1.00000000	0.95008668	1.02292928	0.701852	2.354	157.721	0.0001
IBLWR	0.01213911	0.99289627	0.70576117	0.89881681	0.328338	1.010	67.657	0.0001
ORLWR	0.007459156	0.99745201	0.96527372	0.33828890	0.077247	0.084	5.609	0.0046
INVLWR	-0.000462811	1.00352551	0.86163083	0.64087898	0.278826	0.377	25.264	0.0001
ORLWR	-0.001236500	1.00356105	0.86363407	0.61610007	0.278115	0.370	26.890	0.0001
CORLWR	-0.000687016	1.00363762	0.97913024	0.30533226	0.062237	0.066	4.447	0.0138
CORLWR	0.000919559	1.00189927	0.82756311	0.70013904	0.327891	0.498	32.666	0.0001
STLRLR	0.007406261	0.99986033	0.94852047	0.41030459	0.113090	0.128	8.543	0.0003
TLFLR	-0.008333537	0.99884867	0.94094011	0.96989600	0.833201	0.726	115.661	0.0001
INFLWR	0.001903905	1.00311864	0.78032602	0.77839550	0.404083	0.678	45.932	0.0001
LRNPHR	6.94609E-15	1.00000000	0.68326606	0.89648654	0.339973	1.174	78.643	0.0001
ALPFLR	-0.00199491	1.00340650	0.99334832	0.57259693	0.186688	0.280	18.753	0.0001
LOPFLR	0.002523861	1.00322851	0.94916608	0.42059386	0.118037	0.134	8.967	0.0002

AVERAGE R-SQUARED: UNWEIGHTED = 0.2893406

WEIGHTED BY VARIANCE = 0.2887358

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS SSCP MATRIX

VARIABLE	LBRP	NFOR	CORLLM	CORLWD	CORTWD	LCTPFA	INFW	INFL	FMXLN	AMXLN
RACHLN	-11.335	-10.9193	-21.4963	-6.4855	-14.1657	-11.5896	-5.9654	-12.9300	-15.5947	-12.4453
INTNDLM	13.8499	-16.2357	3.06637	3.53345	9.09833	14.2232	20.9252	16.3868	11.5413	10.9478
LNDRNL	-27.7217	-30.6322	-33.9233	-12.3316	-28.0946	-28.3362	-28.5528	-31.5124	-32.1018	-28.4772
LNDRNL	-39.1237	-40.1766	-43.4017	-16.5457	-37.0059	-40.0129	-38.6933	-40.6817	-43.4399	-39.1329
MMOHL	-15.1778	-17.7129	-16.1156	-5.90793	-13.7771	-15.5357	-16.6107	-17.4605	-16.132	-14.8304
APKXAN	10.5601	10.181	10.4979	8.23662	9.8551	10.8059	11.1592	16.1169	23.8236	10.2752
APKXAN	9.74035	12.4629	3.87189	2.80865	7.00979	9.99096	13.7098	11.4805	6.72877	8.1047
BBAN	21.7729	20.9641	20.3552	8.87359	20.5098	22.2757	22.5897	24.3491	23.7529	21.7729
BGRS	15.1935	14.3981	10.5449	4.95	10.7868	12.4848	13.6121	12.7025	13.462	10.7868
BVINS	-15.1550	-16.0927	-14.1123	-5.9654	-13.9368	-15.8215	-17.0589	-17.1926	-16.3427	-14.7629
NSDOCV	-22.898	-28.0036	-19.2307	-7.76516	-16.6389	-23.6671	-28.625	-25.6238	-26.373	-20.5007
PINFW	-16.7722	-40.6329	-31.998	-13.4707	-31.4453	-35.5994	-38.2963	-40.2195	-46.8464	-33.2274
PTLLR	16.7704	20.7443	22.5944	8.3469	18.9838	19.1866	17.2107	21.3378	21.373	19.2784
INTLNL	-5.44113	-4.37467	-14.4117	-1.88788	-8.24838	-5.52448	-0.457343	-5.82665	-8.81236	-7.42096
NR	78.8785	92.0531	73.3206	30.425	71.5824	80.7325	66.1377	90.7364	83.3208	75.5425
NR	75.4254	89.3713	64.1532	28.2377	66.3783	77.2944	66.1681	77.1193	78.2716	70.8766
ORBL	77.7101	92.3567	64.1902	29.719	67.6766	79.5412	69.7734	79.979	72.5875	72.5875
ORBL	69.1163	90.3814	37.211	17.5248	61.7095	90.3508	57.1358	49.6136	45.1946	45.1946
OSRM	72.0761	86.3974	56.2249	26.0101	61.5539	73.8776	83.8189	73.1058	66.487	66.487
PKRL	73.7551	86.5737	66.2283	28.2515	66.1116	75.507	84.9378	77.626	70.0899	70.0899
LBRP	61.7063	75.3516	54.49	23.8971	56.1423	65.231	73.5288	66.1703	57.8997	57.8997
NFOR	75.3516	89.8706	60.9269	27.5985	69.1593	77.1726	87.1102	77.1284	70.0159	70.0159
CORLLM	34.49	60.9269	63.8901	23.5975	53.9252	55.7142	60.0988	62.0016	53.1743	53.1743
CORTWD	25.8971	27.5985	23.5975	9.56177	22.1776	24.434	25.3462	27.4274	25.4448	23.2148
CORTWD	56.1431	65.1593	53.9252	22.1776	21.9476	27.5589	60.5379	64.5077	60.8273	54.1825
INFW	69.2313	77.1726	55.7142	24.434	66.7932	74.3007	75.2703	67.7283	61.1117	61.1117
INFW	72.5176	87.8455	52.2194	25.3462	60.8379	74.3007	80.1329	81.132	72.1456	69.8667
INFL	73.5088	87.1102	62.0988	27.4274	64.5077	75.2723	84.8558	76.1007	68.9322	68.9322
FMXLN	66.1703	77.1284	66.0816	25.4448	60.5572	67.7223	73.1456	76.1007	70.8801	63.4921
AMXLN	59.8997	70.0159	55.1743	23.2148	54.1825	61.3137	65.8667	68.9322	63.4921	57.8997
PTLDR	29.8971	28.8486	30.4029	11.2757	29.7917	26.4789	24.628	29.4994	25.727	25.727
FMXLN	7.70254	16.379	-8.18052	0.0952877	1.56484	1.96378	17.4592	9.50126	3.22005	3.75764
CORLWD	53.282	61.8003	51.3576	27.3035	40.0034	44.5296	61.2116	57.2163	51.6637	51.6637
CORLWD	16.808	18.6405	20.8472	7.41009	14.8903	17.1822	15.6816	19.1214	19.5546	17.1903
VANGS	-7.57713	-7.58701	-12.9546	-4.07854	-9.8167	-7.72732	-8.79782	-8.4408	-9.97914	-8.46224
VANGS	30.4425	34.6073	32.6675	12.6741	17.1745	31.1394	30.7562	34.8186	33.7673	30.189
SHLN	-21.4394	-23.4651	-27.3027	-9.73888	-8.0666	-21.9096	-19.1391	-24.3215	-25.1724	-22.2757
SHLN	-77.7881	-92.5909	-63.7368	-28.6799	-56.513	-79.6517	-90.1919	-39.6876	-79.8999	-72.478
IBLWR	66.4395	77.0774	57.5249	26.8011	63.2202	66.9986	73.578	75.4366	68.1734	61.8951
ORLWR	16.1949	19.4866	24.1139	8.58137	19.3234	18.9455	15.1582	20.2168	21.9003	19.8999
INFLWR	-28.9284	-36.4763	-8.57714	-7.07562	-18.3375	-29.7179	-44.7845	-34.3174	-23.515	-22.4357
CORLWR	33.3203	43.8465	48.2201	17.0107	39.6114	36.1813	44.6922	45.5566	40.0163	40.0163
CORLWR	23.113	27.6631	16.2426	6.38995	19.8389	23.6787	27.2036	26.7454	23.5228	21.3794
CORLWR	51.3872	63.2996	48.9185	19.4889	46.7926	54.6607	61.6357	59.2172	50.0251	50.0251
STLWR	28.799	31.3263	11.4137	7.44361	18.3759	25.4202	33.9585	29.0478	22.5693	22.5693
ITLWR	-73.6437	-87.8707	-59.3693	-26.9395	-63.6198	-75.4217	-85.2539	-85.3038	-75.3194	-68.387
INFLWR	-40.3276	-52.6096	-12.1993	-10.9071	-27.6889	-41.0002	-29.0135	-27.5697	-34.6649	-32.6499
INFLWR	66.397	80.907	58.2711	25.6141	60.1976	70.0355	77.8885	78.2319	70.8606	64.561
ALFKLWR	-42.7476	-49.5933	-41.1491	-16.9031	-39.2596	-43.7489	-45.9644	-49.112	-49.8464	-41.7262
LCPFLWR	-22.8229	-29.4322	7.9826	6.3773	16.03	23.4247	32.7626	27.8712	19.966	18.7331

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	RACHLEN	INTNDLN	LNMDRL	MLNUL	NMWDL	APXAK	APXPS	BSAN	ESPS	SVINS
RACHLEN	1.0000000	0.6222621	0.1203687	0.2173875	0.0975171	-0.0891638	-0.1034201	-0.1371507	-0.0390443	-0.0020481
INTNDLN	0.6222621	1.0000000	0.0407008	0.1111858	0.0715922	-0.0641349	-0.1278966	-0.0169715	-0.0641115	-0.1265486
LNMDRL	0.1203687	0.0407008	1.0056972	0.0990108	-0.3735629	0.0170109	0.0370923	-0.0999899	0.0290598	-0.2917651
MLNUL	0.2173875	0.1111858	0.0990108	1.0072014	0.6081187	-0.2693522	0.0301238	-0.1570575	0.1231773	-0.0482310
NMWDL	0.0975171	0.0715922	-0.3735629	0.6081187	1.0062316	0.1145001	0.0021536	0.2805044	0.0805807	0.3313534
APXAK	-0.0891638	-0.0641349	-0.0170109	-0.2693522	0.1145001	1.0090640	-0.3992753	-0.0604428	-0.1359847	0.2596401
APXPS	-0.1034201	-0.1278966	0.0370923	0.0301238	0.0021536	-0.3992753	1.0050309	0.1817843	0.0786529	0.1817843
BSAN	-0.1371507	0.0169715	-0.0999899	-0.1570575	0.2805044	0.0604428	0.1359847	1.0090640	0.3571877	0.0631777
ESPS	-0.0020481	-0.0641115	0.0290598	0.1231773	0.3313534	-0.1359847	0.1817843	0.0786529	1.0050309	0.0596465
SVINS	-0.0020481	-0.1265486	-0.2917651	-0.0482310	0.3313534	0.2805044	-0.0786529	0.0631777	-0.0596465	1.0090640
RSCEV	0.0684215	0.0273264	0.2301739	0.5757959	0.3857640	-0.1977798	-0.0465315	0.0390756	0.2263392	0.2338767
PINDV	-0.0131300	0.0060830	0.1351395	0.1059498	-0.1841266	-0.0771164	0.0278164	-0.0361590	0.0511355	-0.0236443
PITLN	0.0960515	0.2218505	0.2916059	0.1620663	0.1181095	-0.2904175	0.0565090	-0.0461354	0.1775012	0.0919662
INTLN	0.2203576	0.1009923	0.0455063	0.2052625	0.6015713	0.0648475	-0.1075901	0.0059942	0.0206257	0.0360681
NDR	-0.0463366	0.1591011	-0.2916176	-0.4006161	-0.1950600	0.1881962	0.0527178	0.3019712	-0.1529213	-0.0811979
JBLR	-0.0495706	0.1071714	-0.2065951	-0.1619501	0.1932688	0.0528606	0.1412990	0.3465059	0.1238512	-0.1171741
ORNL	-0.0357642	0.1788373	-0.1695836	-0.2925435	-0.1475725	0.0787440	0.2295723	0.2699538	0.2651488	-0.1568011
IBRN	-0.0005678	0.1395040	-0.2578928	-0.2328265	0.0015472	0.0533197	0.1560956	0.2291674	0.0897608	-0.1072726
OBMR	0.0045079	0.2504563	0.1286884	-0.1819343	0.0259210	0.0525279	0.1054559	0.2184417	0.2001103	0.2061472
PMXL	-0.0001837	0.1502718	-0.2676199	-0.3098806	-0.0781720	0.2190195	-0.0086721	0.1467646	-0.1091164	-0.0871221
LBPR	0.0364875	0.1732064	-0.1259494	-0.1829997	-0.0710981	0.0389522	-0.0141638	0.1904010	0.2093562	-0.0771412
NFLDR	-0.0174925	0.1567571	-0.1313897	-0.2927134	-0.2428383	0.1131079	0.0995496	0.2302947	0.3004997	-0.1605772
CORLNL	-0.1697010	0.0374584	-0.1600285	-0.2307144	-0.0564019	0.0335172	0.0559662	0.0190434	0.0609772	-0.1642064
CORLMD	-0.0045957	0.1516020	-0.1219479	-0.0417607	0.1191588	0.0056920	0.0369114	0.0757790	0.0348442	0.0811327
CORLMD	-0.1631582	0.0629480	-0.2286283	-0.2920010	-0.0915576	0.0038308	0.1071311	0.2357532	-0.1281992	-0.0941339
LCTPFA	-0.0222653	0.1040504	-0.1790278	-0.2819977	-0.1071576	0.0812164	0.1105198	0.1296911	0.1548180	-0.0726226
JNFM	0.0251957	0.1389479	-0.1259660	-0.2726056	-0.1680721	0.1268440	0.1083386	0.1600594	0.1925319	-0.2219553
INFL	-0.0061959	0.1371406	-0.2157406	-0.3067729	-0.0236767	0.1025029	0.0257009	0.2354662	0.2888008	-0.1130060
EMOLN	-0.1158134	0.1296312	-0.2071936	-0.2720956	-0.0816322	0.1173468	0.0593177	0.1230794	0.0837254	-0.1630393
AKHLL	-0.0060979	0.0349177	-0.1020809	-0.2096179	-0.1226467	0.1033618	0.0911279	0.2086653	0.2513044	-0.0281060
STMXLLOL	0.0241266	0.2424562	-0.1820802	-0.0692186	-0.180726	0.0236310	0.0528112	0.0717343	0.0378234	0.0287809
VACKHLL	0.0035562	-0.1099168	0.1038492	-0.1038492	-0.1179966	0.0133867	0.0260692	0.0862254	0.0257811	-0.0139581
CRNMD	-0.0071372	0.0063562	-0.1290698	-0.2131501	-0.0817598	-0.0101823	0.1151983	0.2813660	-0.1891548	-0.1806554
CRNMD	-0.0041097	0.0154197	-0.1111915	-0.0198962	0.0078066	-0.0480182	0.1405812	0.1702480	0.1662763	-0.0762169
VANDS	0.1539612	0.1258365	-0.2455632	-0.1107599	0.3447004	0.2230747	-0.1379153	0.0448083	0.0577835	-0.4837674
VANDS	-0.2382211	-0.0723951	-0.1256004	-0.0238110	0.0191876	0.0088753	0.1187116	0.0886253	0.1242166	-0.0586253
SHILN	0.0320586	0.0371076	0.0234559	0.1372435	-0.3718403	0.1227210	-0.0876307	-0.2579899	0.2618700	-0.2682599
WANDPND	0.3241975	0.0637115	0.2219191	0.3991347	0.2003100	-0.1220688	-0.1152764	0.2709253	-0.2071186	0.1613586
IBLVR	-0.0677526	0.0421227	-0.1377890	-0.0552123	-0.2964723	0.0952703	0.0249316	0.2656080	0.3736225	-0.0713315
OBLLR	-0.0937957	-0.1319576	-0.1488390	-0.2820205	-0.1676154	0.0928470	0.0179530	0.1021541	0.1211374	0.1784413
INVLVR	-0.1337925	-0.1680284	-0.1071926	-0.1071926	0.0288771	0.0817211	-0.2057186	-0.1260365	-0.0043223	0.1281779
CRLLNR	-0.1564998	-0.0439913	-0.0741231	-0.1900702	-0.1314469	0.0174528	0.0182695	-0.0471362	0.0279570	-0.1187533
CRLLNR	-0.0100665	-0.0067707	-0.0355085	-0.0601951	-0.0782265	0.1280093	0.015191	-0.0950705	0.0257379	-0.0211954
COORLNR	-0.0771252	0.0592867	-0.1057224	-0.2598696	-0.1698082	0.1189931	0.0181959	0.0125519	0.0446892	-0.1022559
STLLER	0.1092978	-0.0997957	-0.0108836	-0.1469642	-0.1662309	0.0325215	0.1114649	0.1114649	0.2036497	-0.0796606
TFLLER	0.0512346	-0.1516103	-0.1957025	-0.1465884	-0.1662309	-0.1371128	-0.1529660	-0.2506619	-0.2093393	0.0750183
INFLNR	-0.0745842	-0.1410433	-0.0321174	0.1040323	0.1281334	-0.0994491	-0.1684179	-0.1030745	0.1029374	0.2322809
LNFLNR	-0.1208631	-0.1096246	-0.1570149	-0.1364048	-0.1789950	0.1372574	0.0569912	0.2262609	0.0266646	-0.1789028
ALFLR	0.1724693	-0.0620290	-0.1697683	-0.2621922	-0.1381464	-0.0861879	0.0211069	0.0097749	0.0714615	-0.1698892
LCFLCLR	0.0047975	0.0725183	-0.0732095	-0.1326244	-0.0742973	0.0625970	0.0387126	0.0375536	0.0707456	-0.0235750

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	NSECY	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IBRW	OBWR	PMCL
RACMLN	0.0884215	-0.013100	0.0960519	0.2202578	-0.0460366	-0.0657706	-0.0325764	0.0056578	0.0045019	-0.0002337
INTROLN	-0.0273564	0.006830	0.2218405	0.1008923	0.1591011	0.1071714	0.1188373	0.1395040	0.2506663	0.1502718
LNWRDL	0.2313179	0.1391336	0.2916059	-0.0455603	-0.2016176	-0.1698526	-0.2578928	-0.2078928	-0.1268884	-0.2675919
PMCLN	0.5757994	0.3079490	0.3260563	0.2026025	-0.0066161	-0.3616501	-0.2925435	-0.2326265	-0.1819343	-0.3098806
PMOCL	0.3857600	0.1848182	0.1182093	0.2602713	-0.1590600	-0.1358208	-0.1475725	0.0015812	-0.0658101	-0.0783720
APMAN	0.1497798	-0.0771764	-0.2808175	0.0668475	0.1861962	0.0526006	0.0783400	0.0531197	0.0525279	0.2730325
APPS	-0.0465335	0.0279154	0.0560900	-0.1075501	0.0337718	0.1412950	0.1285721	0.1960509	0.1054599	-0.0086725
BSAN	0.0390756	-0.0301590	-0.0661364	0.0098092	0.2019712	0.3445054	0.2695538	0.2291274	0.2104417	0.1467404
BSPS	0.2263152	0.0512359	0.1776012	0.0206057	0.1529313	0.3238912	0.2651468	0.0976208	0.2001103	0.1091164
SVINS	0.2318767	-0.0536443	-0.0019862	0.0310081	-0.0811879	-0.1171741	-0.1586911	-0.1102776	-0.2061472	-0.0871231
NSECY	1.0070700	0.0338475	0.3095542	-0.0017817	-0.1386880	-0.1028630	-0.1497392	-0.1128085	-0.1247419	-0.1009777
PINSV	0.0358478	1.0060289	-0.0523530	0.1237980	-0.2357137	0.1236602	-0.3271018	-0.1807522	-0.2699855	-0.3145247
PTLLN	0.2095962	-0.0523620	0.9792863	-0.0976097	0.2092067	0.2015312	-0.2084750	0.0296509	0.2362001	0.1851378
INTLN	-0.0017817	0.1237980	-0.0976097	1.0073528	0.0190994	0.0565419	0.0624689	0.1662396	0.0818746	0.0566380
NBR	-0.1386880	-0.1357177	0.2092067	0.0190994	0.3850701	0.6185637	0.7566468	0.5729725	0.2315337	0.8414557
IBRL	-0.1026362	-0.1236602	0.2019312	0.0545419	0.0385637	0.9928946	0.6756225	0.6485656	0.7781853	0.7517820
OBRL	-0.1497392	0.3271018	0.2684750	0.0624689	0.7566468	0.8754625	0.9870954	0.5768671	0.8765471	0.7698080
IBRW	-0.1128085	-0.1247419	0.0296509	0.1662396	0.1778702	0.6046556	0.5768271	1.0071166	0.6286637	0.5469251
OBWR	-0.1268884	-0.2675919	0.2364201	0.0818746	0.7155377	0.7781853	0.8765471	0.6286637	0.9946286	0.7120915
PMCL	-0.1009777	-0.3145247	0.1851378	0.0566380	0.8414557	0.7517820	0.7566468	0.5729725	0.7112859	0.9806096
LNWRDL	0.0054203	-0.2918547	0.2826400	0.3003749	0.6624197	0.7111200	0.6513341	0.5846657	0.5922793	0.7014229
RFOLN	-0.1815288	-0.2915054	0.2107649	0.0105974	0.0091301	0.8718927	0.8201079	0.5298078	0.7381071	0.7964053
CORLLN	-0.0012819	-0.2680822	0.1983665	-0.0610334	0.6083932	0.5385772	0.5702131	0.5711660	0.5479309	0.6569564
CORLWD	-0.0071117	0.0826241	0.1822519	0.1392309	0.2622827	0.1795639	0.1795639	0.2618526	0.2270711	0.2132482
CORLWD	-0.0630713	0.1896574	0.1909425	0.1317122	0.2652009	0.6803531	0.6387502	0.6072595	0.5685959	0.6025614
LCFFA	-0.1000464	-0.4536112	0.1581200	-0.0018920	0.7321666	0.7521666	0.7321666	0.4796130	0.6706365	0.7020362
INTFW	-0.2190710	-0.2795927	0.1556228	0.0937572	0.6240483	0.7257094	0.7815657	0.6808329	0.7378826	0.7379138
INFL	-0.0936509	0.1060360	0.1992576	0.0774336	0.4331006	0.8581388	0.8791121	0.6263666	0.7537223	0.8217507
PMCLN	-0.1596973	-0.2411371	0.1577301	0.0400621	0.6422232	0.5096622	0.6326555	0.3895391	0.5987866	0.6376031
APMAN	0.0352707	-0.3381050	0.1763782	0.6888600	0.7452660	0.6983168	0.5053130	0.6151948	0.7107646	0.7107646
STPMOCL	-0.0356623	0.0189993	0.0013800	0.0515900	0.4230033	0.2329977	0.2194004	0.1406665	0.2639006	0.2335900
VADPMCL	-0.0310030	-0.0646088	-0.1162898	0.2323226	0.0410994	0.3047889	0.2320086	0.2465028	0.1605516	0.0748797
CORLWD	-0.0077276	0.1161285	0.2773166	0.1362711	0.7061946	0.6432978	0.6045433	0.6511969	0.5256601	0.6002801
CORLWD	0.3217095	0.0243791	0.1577260	0.2496519	0.2405548	0.3516094	0.2517591	0.1329208	0.2286508	0.2542565
VANDS	0.8839663	0.0905064	0.1163899	0.0952337	-0.1482860	-0.0505856	-0.0800647	-0.0475752	-0.0727798	0.0713245
VANDS	0.1596664	-0.0201285	0.1215091	-0.0633127	0.3200527	0.2897865	0.2998708	0.1713151	0.2561111	0.2919922
SHILL	0.2390762	0.0905088	0.2003166	0.0962005	-0.2180099	-0.0813696	-0.0932139	-0.2273365	-0.0854242	-0.2309890
PMOCL	0.2619031	0.0545890	-0.1735931	0.0313568	-0.7543695	-0.7940033	-0.8152912	-0.5940057	-0.7338309	-0.7431199
BLMR	-0.0799551	-0.1167709	0.2339965	0.0391086	0.6967137	0.6150042	0.7317169	0.1153770	0.2774778	0.4007076
OBRLW	-0.0895275	0.1278674	-0.0297427	-0.0267480	0.8182430	0.2495375	0.2802679	-0.0937098	-0.1736815	0.2100952
IBRLW	0.1937679	0.1130369	-0.0048383	0.1270876	0.1171311	-0.1131873	-0.3216905	-0.2802254	-0.3981456	-0.1667107
CORLW	-0.0141162	-0.2962897	0.0889707	-0.1296130	0.3206827	0.4168282	0.4872262	0.2002386	0.3502226	0.5094837
CORLW	-0.0813252	-0.0843847	0.0775210	-0.1159186	0.2652773	0.2008467	0.2478235	-0.0681398	0.2338894	0.2576700
CORLW	-0.1874932	-0.2717183	0.0597882	-0.0608939	0.5519385	0.4954895	0.5495825	0.2802254	0.5111198	0.5165211
STLW	0.0265300	-0.1732108	0.0534814	0.0735251	0.4014420	0.3280178	0.3374861	0.0262793	0.2629345	0.2125369
TLFL	0.2416112	0.3003990	-0.1505004	0.0022247	0.7341436	0.6139401	0.7566144	-0.5925715	0.7594261	-0.7031766
INFLW	0.2502526	0.1010163	-0.0547213	-0.0521816	-0.2587768	-0.3216128	-0.4426837	-0.2777842	-0.4481875	-0.3075951
LNFW	-0.1923364	-0.2599002	0.1880793	-0.0191356	0.7362851	0.6010002	0.7947303	0.5257607	0.7074890	0.7178890
ALFW	-0.2783267	0.0937881	-0.0339132	0.0310676	-0.3368227	-0.2465104	-0.3280081	-0.0923112	-0.3185785	-0.2921836
LOPFW	-0.7496074	-0.0504831	-0.0479006	-0.0524965	0.2618682	0.2735775	0.2859328	0.0848959	0.2422338	0.1896814

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	STKLOL	VACKLN	CRUWGD	CINWHD	VANGS	VANGB	SHINL	KNOFHD	BLWR	OLBLR
RACHLN	0.0281266	0.0035566	-0.0671372	-0.0041097	0.1539672	-0.2385121	0.0230286	0.3941975	-0.0677565	-0.0937857
INTMDLN	0.0282865	-0.1098168	0.0045997	0.0194197	0.1258365	-0.0537176	0.0433717	0.0421222	-0.1319578	-0.1319578
LNMDLN	-0.1480802	0.1038982	-0.1295685	-0.111915	-0.2452632	-0.1156204	0.8239459	0.2219319	-0.0985223	-0.1480802
MXLML	-0.0692186	-0.0751521	-0.0131501	-0.0189266	-0.1167599	-0.0238580	0.3325455	0.3994347	-0.3178980	-0.2820025
MDGDL	0.1180726	-0.1579966	-0.0472798	-0.0807806	0.3447004	0.2686110	-0.3718401	0.2033420	-0.2564725	0.1676194
APKAN	0.0216310	0.0113467	-0.0310127	-0.0400112	0.2040767	0.0191876	-0.3227210	-0.1928088	0.0651703	0.0592494
APKPS	0.0528112	0.0260692	0.1151282	0.1405812	-0.1379153	0.0988753	-0.0876307	-0.1152764	0.0483136	0.0179320
BSAN	0.0717343	0.0895254	0.2813660	0.1702880	0.1849043	0.1181716	-0.2759889	-0.2720963	0.2650804	0.1021581
BSPS	-0.0378324	0.0357811	0.1891945	0.1665763	-0.0277835	0.2882823	0.2681700	-0.2073186	0.3376225	0.1217134
SVING	0.0287890	-0.0139581	-0.1206558	-0.0102165	0.4417674	0.1245346	-0.2682509	0.1612386	0.0171335	0.1764413
NECVQ	-0.0332661	-0.0310310	-0.0097576	0.1313095	0.2835663	0.1909664	0.2290762	0.2419031	0.0798551	-0.0892572
PINSV	0.0169590	-0.0646088	-0.2161245	-0.0323791	0.0505654	-0.0201245	0.0490508	0.2633890	-0.3165709	-0.1278754
PILLN	0.0813620	-0.1166848	-0.2733666	0.1577280	-0.1163809	0.1215091	0.2903466	0.1319831	-0.2990667	-0.0297427
INTLN	0.0150900	0.2235226	0.1363271	0.1496165	0.0953137	-0.0635187	0.0865005	0.0315565	0.0351086	-0.0367404
NBR	0.04239035	0.04109394	0.5740196	0.2405948	-0.0148260	0.3200927	-0.2180999	-0.7943695	0.6967437	0.2182830
IBRL	0.2575657	0.3047845	0.6852978	0.3216408	-0.0505855	0.2897965	-0.1813696	-0.7940633	0.8150082	0.2465575
ORLN	0.2194594	0.3210866	0.6045613	0.2517591	-0.0300647	0.2998794	-0.0923619	-0.6159912	0.7331769	0.2465575
0.4104665	0.2464028	0.6913369	0.2922048	-0.0475752	0.2922048	-0.0475752	-0.2275365	-0.5404957	0.1153710	-0.0597098
ORBN	0.2630206	0.1697714	0.5562601	0.2286050	-0.0728771	0.2561110	-0.0854262	-0.7188109	0.5787676	-0.1768119
PKXL	0.3383290	0.0746797	0.6002801	0.2429545	0.0113345	0.2919320	-0.2309809	-0.7431199	0.6047018	0.2100452
LBRF	0.1763574	0.1137681	0.6218758	0.2579937	-0.0582164	0.2991328	-0.0910421	-0.6222009	0.5379255	0.1486689
HLOR	0.1372391	0.2165281	0.5100660	0.1833893	-0.1091000	0.2281929	-0.0241146	-0.7889624	0.6921960	0.2300525
CORLLN	0.3694157	0.0211164	0.4437397	0.1400230	-0.0091541	0.3168603	-0.2142795	-0.5700678	0.9434952	0.1209047
CORLWD	0.2694997	-0.2038513	0.3698651	0.0595088	0.0619352	0.1883236	0.1406748	-0.1662575	0.0634951	-0.0410210
CORTD	0.1153982	-0.0214603	0.8668754	0.5516682	-0.1122999	0.2278029	-0.1919592	-0.6453624	0.4289513	0.7742571
LCTFTA	0.2192099	0.1682790	0.3470906	0.0598740	-0.0005690	0.2889273	-0.1567731	0.7022282	0.4405156	0.1827789
IRFN	0.0704895	0.3046690	0.3973723	0.0874880	-0.0900959	0.1831387	-0.0882342	0.7919106	0.6175338	0.1115990
IRNF	0.2743097	0.2605221	0.5835313	0.2352665	-0.0139218	0.2930175	-0.1551856	-0.7744134	0.7062029	0.2284700
PKMLN	0.2696457	0.0593856	0.3660912	0.0059331	-0.0349129	0.1136113	-0.0233653	-0.0960151	0.3255568	0.1599524
AKMLN	0.2897405	0.2500400	0.1052535	0.1848199	-0.0361133	0.3089042	-0.1667016	-0.3330247	0.5906009	0.2163177
SCMLDL	0.0070046	-0.2357178	0.3118958	0.3609143	0.0756825	-0.0265712	-0.2074682	-0.7624968	0.0656990	0.0061340
VACKLN	0.2357178	0.1064708	0.1266175	0.0323309	-0.0656089	-0.0274999	0.0846193	0.2661545	0.2011657	0.6966031
UNSHD	0.3118998	0.1264475	1.0010207	0.5936474	-0.1156226	0.1834040	-0.1382219	-0.5571511	0.3921131	0.1319757
CRUWGD	0.3095183	0.0323309	0.5936474	-0.0734849	-0.0359843	0.1103046	-0.0210433	-0.2099953	0.772659	0.0694791
VANGS	0.0755882	-0.0650209	-0.1156226	-0.0394834	1.0073253	0.2274671	-0.2244255	0.1176808	-0.0353488	-0.0353488
VANGB	0.0265752	-0.2078999	0.1835403	0.1103046	0.2274671	-0.0052338	-0.1723480	0.3686206	0.6797962	0.1071681
SHINL	0.2071682	0.0241199	-0.1382219	-0.0240815	-0.2264935	-0.1723480	1.0056490	0.1182777	0.0418793	-0.0071266
KNOFHD	-0.1654964	-0.2691555	-0.5571131	-0.2099953	-0.1176804	-0.3046206	-0.1147777	1.0000000	-0.6708711	-0.2016210
BLWR	0.0566690	0.0041867	0.3921131	0.1772659	-0.0399404	0.2797962	0.0436793	-0.6708711	0.9084830	0.3833959
OLBLR	0.0661340	0.0664651	0.1257521	0.0687151	-0.0021481	0.1011581	-0.0795276	0.3016510	0.3815091	0.928185
HLWR	0.1486828	-0.3510773	-0.1595818	0.0460759	-0.0580759	-0.0592377	-0.1071640	0.3656777	-0.0718777	0.1318882
ORLLN	0.1994597	0.0849647	0.2115751	-0.0085888	-0.0481276	-0.0187783	-0.1159813	-0.6023746	0.9825061	0.180209
CORLWD	0.0058869	-0.0467276	0.4945724	0.2822829	-0.0026869	0.1677597	-0.0776912	-0.2430127	0.1319540	0.0664904
CORLNR	0.1150934	0.1310250	0.0668820	-0.6938881	-0.0088355	0.2375983	-0.1449462	-0.5265071	0.4781955	0.1176995
STLLN	0.1025993	0.3692553	0.0403277	0.0524334	-0.0011376	0.1321776	-0.0011376	0.1321776	0.6568461	0.0011376
TYLPLR	-0.3063477	-0.1222911	-0.1935299	-0.1052349	0.1201494	-0.2495750	0.0808058	-0.7808888	-0.6526090	-0.1255089
INFLNR	0.1345059	-0.3398028	-0.1201377	0.4679255	-0.0721202	0.0151701	-0.0306436	-0.5153615	-0.2694263	0.1392840
LNFLNR	0.2733946	0.8263177	0.5539063	0.2160101	-0.0713432	0.0713432	-0.1671570	-0.8634957	0.6611910	0.2733946
ALFNLR	-0.0747838	0.0694352	-0.0659252	0.1288166	0.0356286	-0.1528785	0.1449197	-0.3938755	-0.2267607	-0.1082977
LCFLNR	0.1375650	0.1511694	-0.1793255	-0.2121068	0.0310222	0.0084666	-0.0470943	-0.2957650	0.6940764	0.6903207

APPROXIMATE

CARDINAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE COVARIANCE MATRIX

VARIABLE	INVLWR	CRLWR	CORLWR	COLMR	STLLWR	TFLPLR	RFLWR	LNFNR	ALFMR	LCFPLR
RACHLR	-0.1337929	-0.1564998	-0.0187066	-0.0711362	-0.0189276	0.0512346	-0.0745842	-0.1206631	0.1726693	0.7047795
INTNDLR	-0.1602925	-0.0459913	-0.0067707	0.0552861	-0.0998957	-0.1516303	-0.1404303	-0.1966646	-0.0289992	-0.0731183
LNHDLR	0.0181956	-0.0174121	-0.0355089	-0.1057529	-0.0108836	0.1967525	-0.0221174	-0.1570189	0.1281683	-0.0732095
MXLALR	0.1074092	-0.1590702	-0.0950191	-0.2586498	-0.1462648	-0.3888894	0.1040323	-0.3164048	0.2621922	-0.1326264
MXMDLR	0.0928771	-0.1314462	-0.0582625	-0.1699842	-0.1662309	0.1962800	0.1281134	-0.1789590	0.1381464	-0.0742793
APKAN	0.0817211	0.0714954	0.1284005	0.1138933	0.0697584	-0.0797158	-0.0899941	0.1372974	-0.0851879	0.0653970
APKPS	-0.2021486	0.0188899	0.0135191	0.0181903	0.0332515	-0.1525960	-0.1684179	0.0569912	-0.0211069	0.0587126
BSAN	0.1263129	-0.0871361	-0.0950709	0.0176319	0.1111889	-0.2846419	-0.0250765	0.2228809	0.0907199	-0.0375516
BSFS	-0.0841253	0.0278570	0.0257379	0.0446892	0.2036491	-0.2059325	-0.1299374	-0.2066665	0.0714632	0.0770555
SVHS	0.1283779	-0.1487533	-0.0211954	-0.0225559	-0.0796806	0.0750384	0.2122809	-0.1790928	-0.1858852	-0.0235750
WSECY	0.1997077	-0.0131163	-0.0813252	-0.1678952	-0.0365000	0.2416312	0.2705286	0.1553308	0.2781557	-0.1486074
FLKSV	0.1130369	-0.2962851	-0.0883467	-0.2711783	-0.1732148	0.3403284	0.1010163	-0.2509092	0.09317881	-0.0254831
FTLLN	-0.0445383	0.0880707	-0.0775210	0.0597982	0.0632814	-0.1503008	-0.0547213	0.1860793	-0.0339132	0.0473086
INTLN	-0.1870161	-0.1296130	-0.1125186	-0.0600599	0.0729517	0.0028214	-0.0191516	-0.0371066	-0.0254965	-0.0254965
NBR	-0.1120931	0.4350627	0.2652777	0.5192925	0.1401493	-0.7541436	-0.2587788	0.7382881	-0.3348270	0.2618662
IBRL	0.1837875	0.4168262	0.2008467	0.4595895	0.3263116	-0.1138001	-0.3216128	0.6010202	0.2465140	0.2277755
OBRL	-0.3216905	0.4872728	0.2478235	0.5458925	0.3374861	-0.7966614	-0.4036837	0.7947393	-0.3280891	0.2855324
IBRN	-0.2832264	0.2002186	-0.0081398	-0.2002228	0.0265793	-0.5560675	-0.2717842	0.9297607	-0.0023412	0.0848959
IBRW	0.1581494	0.4005224	0.2348848	0.5111108	0.2823345	-0.7554281	-0.0811875	0.7074600	-0.3147885	0.2823118
PNOL	-0.1667107	0.5096343	0.2257072	0.5365211	0.2125369	-0.7031764	-0.3075251	0.7373890	-0.2921836	0.1896414
LBR	0.1938809	0.3723458	-0.0672866	0.3912903	0.2044688	-0.6617972	-0.2511979	0.6209661	-0.1391910	0.1741671
NFLR	-0.3912901	0.3724805	0.2207810	0.4971231	0.3099118	-0.7346535	-0.4352131	0.7578825	-0.2586321	0.2254837
CORLLN	0.0343184	0.8569179	0.4073303	0.6083208	0.0948691	-0.4343817	-0.1192004	0.6432251	-0.4065890	0.6660619
CORLWD	0.0700610	-0.3601103	-0.1601887	-0.1194713	-0.1025015	-0.1899588	-0.0783409	0.1486234	-0.2567021	-0.0001685
CORTWD	-0.2001955	0.3068630	-0.2772814	0.1368309	0.1938488	-0.5931071	-0.2049014	0.6185110	-0.1789149	-0.0260340
LCTPFA	-0.1326574	0.5958020	0.6223176	0.7828626	0.0163436	-0.5613780	-0.3149157	0.7307796	-0.3359187	0.6638684
INTF	-0.4962558	-0.4014621	-0.4171176	0.6324679	0.5010596	-0.6508437	-0.1731564	0.7372920	-0.3715962	0.4226317
ICFL	-0.1672492	0.4770970	0.3496076	0.6908731	0.3866329	-0.6971239	-0.3227967	0.6156335	-0.2876446	0.3834151
INFLN	-0.1206893	0.5045959	-0.4631598	0.7016387	0.2318111	-0.5006746	-0.3005790	0.6467485	-0.3061116	0.2709223
ANXLN	-0.0856275	0.6178011	0.3732306	0.6367950	0.3312421	-0.5671091	-0.2339101	0.7071608	-0.1213918	0.1842972
STKCOL	-0.1466228	0.1950597	0.0658869	0.1190539	-0.7026993	0.3063377	0.1345059	0.2139511	-0.0748918	-0.1376880
YACOLLR	-0.3610513	0.0806887	0.0847776	0.1310250	0.3092815	-0.1222911	-0.2786828	0.3053177	-0.0691352	0.1511694
CRNMD	-0.1595812	0.2211251	-0.4545754	0.0658820	0.0420327	-0.6199229	-0.1201137	0.5359063	-0.0856592	-0.1791269
CRNWD	-0.0485158	-0.0885888	-0.3838269	-0.4938841	-0.1713276	-0.3085389	-0.0467925	0.2160101	0.1841666	-0.2210658
GRNWD	0.0660729	-0.0491276	0.0820859	-0.0083155	-0.0586907	0.1201494	0.0771202	-0.0713312	0.0552846	0.0312022
VANOB	0.0952377	0.2136783	0.1678977	0.2375983	0.0200342	-0.2495750	0.0511704	0.2306331	-0.1264785	0.0884646
SHIL	-0.0167140	-0.1598110	-0.0976012	-0.1849642	0.0811075	0.0808458	-0.0306136	-0.0714570	0.1449171	-0.0709613
NUONFHD	0.1653767	-0.4552176	-0.2430127	-0.2650701	-0.1623214	-0.080384	0.5153615	-0.6693497	0.9367375	-0.2926750
IBLUR	-0.0718767	0.3525601	0.3136540	0.6721955	0.3908951	-0.6020663	-0.2068600	0.6639091	-0.2856707	0.2544764
OBLLR	0.1310882	0.1289425	-0.0549024	-0.1178955	0.0664661	-0.1255089	0.1392630	-0.2205499	-0.1082977	0.0901207
INVLWR	1.0073205	0.0712468	0.0065250	-0.0877139	-0.3054310	-0.3081738	0.7945728	-0.0266714	0.1051080	-0.1619922
STLLWR	0.0712468	0.0071404	0.4584582	0.6907954	0.1317766	-0.3277392	-0.0512122	0.5311188	-0.2408828	0.0485145
CORLWR	0.0067550	0.4584582	1.0072885	0.7097429	0.2638439	-0.0688466	-0.2104386	0.2629212	-0.3675910	0.5612823
CORLHNR	-0.0871139	0.6205754	0.7097429	0.1033989	-0.3837917	-0.3889287	-0.1036307	0.5166996	-0.3647067	0.4651634
STLLNR	-0.0508310	0.1373752	0.2638439	0.3657791	-0.3779179	-0.3717839	-0.1157151	0.1334885	-0.0411180	0.1311180
TFLPLR	-0.0381738	-0.3277198	-0.0886868	-0.3889287	-0.1531839	0.9774967	0.4455251	-0.6498001	0.2081994	0.1036307
RFLWR	-0.0794328	-0.0514632	-0.1849642	-0.2106307	-0.0508600	-0.0068600	-0.0068600	0.3416751	-0.3304631	0.3304631
LNFNR	-0.2086714	0.5337158	0.2692812	0.5348115	-0.6498001	0.2081994	0.3416751	1.0000000	-0.1552880	0.2837324
ALFMR	-0.1950180	-0.2449828	-0.3672941	-0.5074657	-0.1234885	0.2081994	0.3416751	0.3155280	-0.1068266	0.3087910
LCFPLR	-0.1615983	0.0455146	0.5618253	0.4597834	-0.4133140	-0.1261307	-0.3059794	-0.2858324	-0.0897710	1.0064674

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VARIABLE	RACHLEN	INTNDLH	LNWDL	KOLNL	MMNDL	APKAN	APXPS	BSAN	SPPS	SVHS
RACHLEN	0.1138809	0.0410172	0.1330959	0.1531806	0.0383472	-0.0319226	0.0155694	-0.0711226	-0.0286481	0.0370215
INTNDLH	0.0410172	0.0815525	-0.0071438	0.0328664	-0.0295954	0.0166914	0.0688812	0.0303178	0.0283595	-0.0316465
LNWDL	0.1330959	-0.0071438	0.2005181	0.2530011	0.0799103	-0.0601346	-0.0165177	-0.1287878	-0.0598843	0.0196192
KOLNL	0.1531806	0.0328664	0.2530011	0.3278171	0.1091486	-0.0802682	-0.0366097	-0.1707008	-0.0278421	0.1097936
MMNDL	0.0383472	-0.0295954	0.0799103	0.1091486	0.0404351	-0.0285367	-0.0229093	-0.0529710	0.0318931	-0.0409811
APKAN	0.0319226	0.0166914	-0.0601346	-0.0802682	0.0205175	0.0131885	-0.0431052	0.0282812	-0.0280993	0.0208909
APXPS	0.0155694	0.0688812	-0.0165177	-0.0295954	-0.0229093	0.0291588	0.0255233	0.0200744	-0.0232514	0.0136214
BSAN	-0.0711226	0.0303178	-0.1287878	-0.1707008	-0.0529710	0.0431052	0.0255233	0.0906111	0.0459100	-0.0606009
SPPS	-0.0286481	0.0283595	-0.0316465	-0.0409811	0.0208909	-0.0431052	0.0255233	0.0906111	0.0459100	-0.0606009
SVHS	0.0370215	-0.0316465	0.0196192	0.1097936	-0.0409811	-0.0229093	0.0255233	0.0906111	0.0459100	-0.0606009
NSCVC	0.0108803	-0.0799595	0.0799098	0.1256562	-0.0373695	-0.0370776	-0.0750156	0.0459100	0.0459100	0.0459100
FINVB	0.0482110	0.0697709	0.1807893	0.2465291	0.0923843	-0.0552794	-0.0510086	-0.0112118	-0.0730422	0.0316891
FTYLL	0.0909032	0.0494929	-0.1356703	-0.1712093	-0.0540966	0.0407028	0.0112882	0.0871385	0.0395857	-0.0539915
INTLN	0.0482110	0.0494929	-0.1356703	-0.1712093	-0.0540966	0.0407028	0.0112882	0.0871385	0.0395857	-0.0539915
NSP	-0.1990239	0.1539010	-0.0415033	-0.5659711	-0.2161003	0.1487878	0.1148262	0.3094966	-0.737323	-0.7129925
IBRL	-0.1438822	0.1260419	-0.3568819	-0.5048738	-0.1966001	0.1366036	0.1275706	0.2815204	0.1581291	-0.2002786
GBRL	-0.1374758	0.1260419	-0.3568819	-0.5048738	-0.1966001	0.1366036	0.1275706	0.2815204	0.1581291	-0.2002786
IBRW	-0.0573739	0.1660608	-0.2016480	-0.2991853	-0.1294959	0.0847280	0.0771060	0.1724620	0.0192727	-0.1280887
GBRW	-0.0963996	0.0228153	-0.3070842	-0.4492539	-0.1837176	0.1295949	0.1361316	0.2564161	0.1563408	-0.1880903
PMOL	-0.1680260	0.1574467	-0.3724638	-0.5164300	-0.1897212	0.1368827	0.1142684	0.2838663	0.1580823	-0.1977386
LEBR	-0.1241059	0.1516309	-0.3035222	-0.4263622	-0.1661802	0.1156216	0.1065461	0.2389647	0.1350594	-0.4922246
NTLOR	-0.1198099	0.1596610	-0.3354891	-0.4836852	-0.1533681	0.1304253	0.1213296	0.2713296	0.1574839	-0.1809917
CORLLH	-0.2353612	0.0335734	-0.3711422	-0.4751948	-0.1245206	0.1184909	0.0823886	0.2487619	0.1194553	-0.1542188
CORLWD	-0.0710091	0.0386874	-0.1350176	-0.1812775	-0.0646586	0.0440881	0.0301625	0.0771561	0.0591189	-0.0653275
CORFMD	-0.1552988	0.0996168	-0.3070562	-0.4160133	-0.1500483	0.1072741	0.0767053	0.2264540	0.1151035	-0.1529231
LCTPFA	-0.1264556	0.1557290	-0.3102506	-0.4380935	-0.1700986	0.1181223	0.1094326	0.2426382	0.1366993	-0.1722880
INFL	-0.0651146	0.2201187	-0.2977471	-0.4336465	-0.1816658	0.1301012	0.1041326	0.2426382	0.1366993	-0.1722880
INFL	-0.1371943	0.1779439	-0.3495268	-0.4892159	-0.1911735	0.1256664	0.1253268	0.2731651	0.1539898	-0.1980891
INFLH	-0.1707601	0.1263642	-0.3341799	-0.4607741	-0.1658980	0.1259121	0.0949540	0.2268425	0.1390785	-0.1789351
INFLH	-0.1707601	0.1263642	-0.3341799	-0.4607741	-0.1658980	0.1259121	0.0949540	0.2268425	0.1390785	-0.1789351
STPKOL	-0.1413782	0.0140729	-0.1766921	-0.2279487	-0.0736881	0.0489339	0.0191693	0.1711758	0.0548913	-0.0726195
INFLH	-0.0950407	0.1034752	-0.0625880	-0.0945193	-0.0091165	-0.0021196	0.0561495	0.0073258	0.0170346	-0.0118225
CRPMWD	-0.1489515	0.0593986	-0.2926197	-0.3959993	-0.1432028	0.1028293	0.0722671	0.2135494	0.1120980	-0.1489219
CRPMWD	-0.0781226	0.0681803	-0.1194264	-0.1513053	-0.0481120	0.0361510	0.0171594	0.0727259	0.0335688	-0.0481120
VANGS	0.0051025	0.0191783	-0.0797348	-0.1043093	-0.0246088	0.0202119	0.0063172	0.0448104	0.0163721	-0.0259047
VANGS	0.1106663	0.0342621	-0.1894582	-0.2479289	-0.0843421	0.0616265	0.0315594	0.1301522	0.0642988	-0.0847480
SH1HL	0.1119137	0.0065001	-0.1622946	-0.2007616	0.0629805	-0.0751527	-0.0206530	0.1221435	0.0454084	0.0620006
SH1HL	0.1286990	-0.2012766	-0.3518623	-0.5048017	-0.2008317	-0.1384807	-0.2082224	-0.1628040	-0.2089918	0.0454084
IBLNR	-0.1395055	-0.1468178	-0.3221483	-0.4501409	-0.1715553	0.1202605	0.1050081	0.2466731	0.1372251	-0.1747380
IBLNR	-0.1083358	-0.0100135	-0.0329045	-0.133275	-0.043470	0.0419806	0.0027366	0.0959132	0.0387652	-0.0537311
INVLNR	-0.0998317	-0.1895038	-0.0206718	-0.2699363	-0.0502563	0.0311066	-0.1071514	0.0588829	0.0590920	-0.0503317
INVLNR	-0.0958585	-0.0333600	-0.289147	-0.3995307	-0.1134213	0.0462883	0.0231295	0.1826586	0.0845063	-0.1229920
CORLHR	-0.4333354	0.0637314	-0.1064784	-0.1559338	-0.0591803	0.0405052	0.0312220	0.0828598	0.0483324	-0.0402974
CORLHR	-0.0885862	0.1312528	-0.2496972	-0.3542845	-0.1387229	0.0961998	0.0791945	0.0987954	0.1118254	-0.1413390
STTLR	-0.0274989	0.1151318	-0.0529030	-0.1028160	-0.0512611	0.0356817	0.0101172	0.0667297	0.0211887	-0.0600031
FTPLR	-0.1194262	-0.1961519	0.3260636	-0.4715659	-0.0849090	-0.1307771	-0.1338787	-0.2667014	-0.1905766	0.1935012
INFLH	-0.0941368	-0.2247037	0.0482638	-0.1216706	-0.0885700	0.0513873	-0.0916821	-0.0908892	-0.0889898	0.0908898
INFLH	-0.1706288	-0.1649992	-0.3281223	-0.4501409	-0.1706288	0.1239165	0.1715276	0.2553859	0.1833186	-0.1813510
ALFLH	-0.1170921	-0.0753279	-0.2143399	-0.3173422	-0.1189202	-0.0619240	-0.0581391	-0.1711917	-0.0899310	0.1162375
LCPDFR	-0.0449505	0.1200606	-0.0314058	-0.0788102	-0.0509503	0.0303237	0.0719782	0.0371132	0.0402945	-0.0538664

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VARIABLE	NSECY	PINSV	PTLLN	INTLN	NBR	IBRL	QBRL	IBRW	ORRW	PKKL
RACHLEN	0.0108803	0.0852110	-0.0900026	0.0851733	-0.1990239	-0.1436622	-0.1337958	-0.0575739	-0.0983982	-0.1660260
INTHOLD	-0.0795905	-0.0697709	0.0009939	0.0132723	0.1533810	0.1820174	0.1980937	0.1460668	0.3028153	-0.1574487
LINDREL	-0.0795908	-0.1607893	-0.136703	0.0913205	-0.1415043	-0.3568819	-0.3591768	-0.2010482	-0.3070482	-0.3726688
NKMLN	0.1255602	0.2485281	-0.171293	0.1002326	-0.5685471	-0.5685788	-0.5076696	-0.2971853	-0.4495639	-0.5164360
NKML	0.0564902	0.0924803	-0.0280062	0.0214526	-0.4701003	-0.1966001	-0.3307013	-0.1594964	-0.1937778	-0.1847313
APKAN	-0.0371359	-0.0652798	0.0407028	-0.0192601	0.1487818	0.1368036	0.1386047	0.0847290	0.1255909	0.1368827
APKPS	-0.0510716	-0.0516085	0.0112282	0.0194512	0.1148882	0.1275706	0.1375957	0.0971060	0.1365346	0.1162588
BSAN	-0.0750516	-0.1356311	0.0871385	-0.0482627	0.3094864	0.2814524	0.2852067	0.1723620	0.2564164	0.2835863
BSYS	-0.0476561	-0.0730482	0.0398587	-0.0121818	0.1657323	0.1581591	0.1626799	0.1029727	0.1506388	0.1546023
SVINS	0.0582739	0.0536891	-0.0539015	0.0201687	-0.5150425	-0.2008725	-0.2056983	-0.1280887	-0.1868095	-0.1977566
NSECY	0.1025277	0.1303973	-0.0581501	-0.0264744	-0.2924690	-0.2924066	-0.3123739	-0.2082844	-0.2991496	-0.2812706
PINSV	0.1303973	0.2111501	-0.1223905	-0.0462628	-0.4803462	-0.4249095	-0.4610427	-0.2812675	-0.2227182	-0.4495317
PTLLN	-0.0581501	-0.1223905	0.0917944	-0.0517368	0.2805687	0.2616495	0.2403780	0.1355924	0.2079538	0.2521655
INTLN	-0.0264744	-0.0462628	0.0617368	0.0675761	-0.1127255	-0.0879515	-0.0580836	-0.0142850	0.0326630	-0.0891100
NBR	-0.2924690	-0.4803462	0.2805687	-0.1127255	1.0916778	1.0216560	1.0463382	0.6493918	0.5961693	0.1116695
IBRL	-0.2805687	-0.0517368	0.2616495	-0.0675761	1.0216560	0.9790901	1.0087752	0.6411809	0.9363346	0.9559999
QBRL	-0.1355924	-0.4610427	0.2403780	-0.0580836	1.0463382	1.0087752	1.0472785	0.6660265	0.5707253	0.9803152
IBRW	-0.0326630	-0.2227182	0.1355924	-0.0142850	0.6493918	0.6411809	0.6660265	0.3362993	0.6229731	0.6181770
ORRW	-0.2991496	-0.4227182	0.2079538	-0.0326630	0.9561693	0.9363346	0.9707151	0.6289573	0.9121478	0.9024638
PKKL	-0.2812706	-0.4495317	0.2521655	-0.0891100	1.0118695	0.9559999	0.9835132	0.5148770	0.9024638	0.9414003
LEKP	-0.2207078	-0.3807282	0.2095155	-0.0595795	0.8635676	0.8264827	0.8505806	0.5395944	0.7891548	0.8075376
NFLOR	-0.3066088	-0.4451041	0.2271274	-0.0779978	1.0078809	0.9789178	1.0116438	0.6901609	0.9495989	0.9417827
CORLRL	-0.1661591	-0.2503411	0.2513599	-0.1577928	0.8021051	0.7624069	0.7084128	0.4078196	0.6155267	0.7251277
CORLMD	-0.0850198	-0.1478894	0.1913894	-0.0425680	0.3360765	0.3097175	0.3184421	0.1922848	0.2847818	0.3094323
CORTLD	-0.2040915	-0.3446652	0.2078513	-0.0930108	0.1937485	0.1767701	0.1410070	0.1569572	0.2744512	0.7364944
LCPTFA	-0.2969386	-0.3897198	0.2100721	-0.0680870	0.8939321	0.8486892	0.8713286	0.5531670	0.8863316	0.8561034
INFLV	-0.3134729	-0.4188494	0.1995329	-0.0950095	0.9953030	0.9434667	0.9831824	0.6463635	0.9332189	0.8959986
INFL	-0.2915017	-0.4381505	0.2336959	-0.0677736	0.9916600	0.9518647	0.9428905	0.6255766	0.9133851	0.9301466
FKMLN	-0.2484962	-0.4034499	0.2379142	-0.0964857	0.9177463	0.8569683	0.8756112	0.3432144	0.8004389	0.8895193
AKMLN	-0.2844801	-0.3368036	0.2110774	-0.0872514	0.8271073	0.7760210	0.7940975	0.4948812	0.7275994	0.7674033
STKLOL	-0.0781151	-0.1668727	0.1289118	-0.0770780	0.3827508	0.3371093	0.3335023	0.1924868	0.3951382	0.3462772
VACHOLN	-0.0729572	-0.02841956	0.0420293	-0.0874008	0.0476875	0.1389395	0.1250132	0.1135296	0.1480804	0.0672334
OROWD	-0.1931545	-0.2769882	0.1867642	-0.0848657	0.7048990	0.6866181	0.7099170	0.4327170	0.6239441	0.6713701
CRUNDS	-0.0493575	-0.1091480	0.0608058	-0.0533139	0.2504127	0.2164692	0.2157070	0.1233808	0.1673075	0.2251686
VANGH	0.0112118	0.0549210	0.0539924	-0.0487792	0.1277434	-0.0956504	-0.0914653	-0.0422823	0.0706826	-0.1004778
VANGB	-0.106837	-0.171746	0.1289238	-0.0709197	-0.4381498	0.1931491	0.3966117	0.2361981	0.2335000	0.3095630
SUINL	-0.0857528	0.1113979	0.0779440	0.0774532	-0.3205870	-0.2737174	-0.2729882	-0.1502616	-0.2336555	-0.2902973
AMNOFMD	0.3141319	0.4607388	-0.2382782	0.0948259	-1.0436966	-1.0299278	-1.0430958	-0.5684916	-0.9735311	-0.9806669
IBRLN	-0.2430222	-0.3733807	0.2181362	-0.0711366	0.6932116	0.6054922	0.6716289	0.2694959	0.8205988	0.8327107
ORBLN	-0.0446488	-0.1226110	0.1010625	-0.0770825	0.2822239	0.2330449	0.2884909	0.1233077	0.1931400	0.2495530
IBVLN	-0.171746	0.1330295	0.0620035	-0.1020910	-0.3146036	-0.3607767	-0.4155068	-0.3107794	-0.3501149	-0.3260955
CRLLN	-0.1130476	-0.2565838	0.1929023	-0.1301916	0.5890931	0.5061712	0.5033422	0.2835755	0.4531410	0.5025155
CORLRL	-0.0952956	-0.1395223	0.0677376	-0.0119440	0.3075667	0.3003620	0.3110150	0.2006713	0.2917502	0.2899262
ORLNR	-0.2121712	-0.3179612	0.1684625	-0.0426201	0.7288896	0.6928060	0.7181025	0.4586834	0.6657108	0.6175274
STLLR	-0.1254788	-0.1336077	0.0355198	-0.0394793	0.2982885	0.3241235	0.3359776	0.2414958	0.3417886	0.2932979
TLFLR	-0.001609	-0.4474513	-0.2211797	-0.0456818	-0.9815550	-0.9638860	-0.9888788	-0.4389987	-0.9251439	-0.8763362
INFLN	0.2228133	-0.2079276	0.0291025	-0.1050839	-0.4069277	-0.5029122	-0.5719358	-0.4155511	-0.5793777	-0.4451929
LRFLR	-0.2698112	-0.4094282	0.2156286	-0.0629194	0.9262882	0.8873988	0.9188759	0.5804519	0.8488630	0.8663335
ALFLR	-0.1551222	-0.2429487	-0.1586673	-0.0693412	-0.6970942	-0.5531398	-0.5680648	-0.3817091	-0.5132025	-0.5513201
LOPTCLR	-0.1227932	-0.1193136	0.0213790	0.0329493	0.2650116	0.2992086	0.3202636	0.2310836	0.3237944	0.2694995

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VARIABLE	LORP	NFOR	GORLN	GORLD	CORTWD	LCTPFA	INFL	INFL	FMXLN	ANXLN
RACHLN	-0.12910359	-0.11999999	-0.2353612	-0.0710091	-0.1550988	-0.1268556	-0.0653116	-0.157193	-0.1707601	-0.1872110
INTROLN	-0.1516359	-0.1996610	-0.0335734	-0.0366874	-0.0956168	-0.1557290	-0.2291187	-0.1794392	-0.1263646	-0.1199665
MMOVL	-0.3035222	-0.3353891	-0.3714282	-0.1350176	-0.3070582	-0.3102950	-0.2797747	-0.2450568	-0.3510799	-0.1117991
INFLN	-0.5082222	-0.4836552	-0.4717904	-0.1812779	-0.4160123	-0.4280932	-0.4023646	-0.4892159	-0.4801781	-0.4264622
INFLN	-0.1661802	-0.1939365	-0.1545506	-0.0646856	-0.1506843	-0.1200976	-0.1818688	-0.1511735	-0.1766280	-0.1591600
AFSAX	-0.1156216	-0.1336801	-0.1149499	-0.0460853	-0.1075741	-0.1181123	-0.1281808	-0.1356604	-0.1292913	-0.1120518
APFSP	-0.1064651	-0.1364951	-0.0423866	-0.0307626	-0.0767053	-0.1094138	-0.1501012	-0.1253264	-0.0994950	-0.0887375
BSAN	-0.2383087	-0.2713296	-0.284765	-0.0971561	-0.2285010	-0.2438948	-0.2473326	-0.2711651	-0.2608495	-0.2537900
BEPS	-0.1235074	-0.1726027	-0.1726027	-0.0531300	-0.1101025	-0.1366923	-0.1512279	-0.1530904	-0.1307075	-0.1256248
SVINS	-0.1692246	-0.1900951	-0.1269148	-0.0653279	-0.1529931	-0.1732286	-0.1668662	-0.1980901	-0.1709371	-0.1611890
WECY	-0.2501078	-0.3066488	-0.1667591	-0.0892358	-0.2061115	-0.2569386	-0.3134124	-0.2950117	-0.3284607	-0.2294607
PIRSP	-0.3007282	-0.4151013	-0.3503431	-0.1347894	-0.3442665	-0.3897199	-0.4188844	-0.4381585	-0.4034936	-0.3638360
PTLLH	-0.2055195	-0.2871274	-0.2513259	-0.0913894	-0.2078513	-0.2100721	-0.1895285	-0.2365259	-0.2379342	-0.2110774
INTLN	-0.0595745	-0.0478977	-0.1577928	-0.0026860	-0.0903108	-0.0680870	-0.0650096	-0.0617746	-0.0906081	-0.0812514
NBR	-0.0535678	-0.1007805	-0.0027801	-0.1360765	-0.7837485	-0.8033321	-0.2453030	-0.5934640	-0.9177463	-0.8271073
INFLN	-0.8264087	-0.9785177	-0.7024909	-0.3091715	-0.7267701	-0.6848999	-0.9134667	-0.9134667	-0.9134667	-0.7769210
ORLN	-0.6204006	-0.1016032	-0.7028129	-0.1144421	-0.7401007	-0.8713284	-0.9831824	-0.9829205	-0.8755172	-0.7940975
IBRM	-0.5399994	-0.6301609	-0.4074196	-0.1292454	-0.4059272	-0.5531146	-0.6665305	-0.6255746	-0.9432104	-0.8585312
ORLN	-0.7691568	-0.9049957	-0.6155957	-0.2887118	-0.6744512	-0.8031146	-0.9312189	-0.911351	-0.8008389	-0.7279508
FMXLN	-0.6075375	-0.9470872	-0.7251277	-0.3094323	-0.7238194	-0.8267034	-0.9489899	-0.9301940	-0.8499913	-0.7674033
LBPR	-0.6975137	-0.8250202	-0.5966061	-0.2616472	-0.6147080	-0.7421112	-0.79882	-0.806814	-0.7249222	-0.6554266
NFOR	-0.8250202	-0.9639809	-0.6670938	-0.3051781	-0.7134132	-0.8499255	-0.9818117	-0.9537615	-0.8844324	-0.7655971
CORLN	-0.5964651	-0.6570834	-0.6965763	-0.2583273	-0.5904221	-0.6100099	-0.5717454	-0.6799135	-0.6788500	-0.6049080
CORTWD	-0.5616472	-0.3221741	-0.2583273	-0.1046909	-0.2482603	-0.2571444	-0.2775128	-0.3002997	-0.2828639	-0.2501176
CORTWD	-0.6147080	-0.7134232	-0.5994221	-0.2482603	-0.5460991	-0.6291125	-0.6617291	-0.7062885	-0.6954210	-0.5932391
LCTPFA	-0.7148112	-0.8494955	-0.6100099	-0.2677444	-0.6291129	-0.7311226	-0.8351514	-0.8241900	-0.7415511	-0.6713177
INFL	-0.7930882	-0.9618117	-0.7171854	-0.2775128	-0.6617291	-0.8351514	-0.8602926	-0.9211535	-0.7895152	-0.7216886
INFL	-0.8048141	-0.9376115	-0.6799135	-0.3002997	-0.7062885	-0.8241900	-0.9211535	-0.9207066	-0.8332199	-0.7547323
FMXLN	-0.7284922	-0.8444324	-0.6788500	-0.2679559	-0.4994230	-0.7415514	-0.7699157	-0.8331999	-0.7716882	-0.6951687
ANXLN	-0.6596256	-0.7655971	-0.6008980	-0.2541761	-0.5932391	-0.7131177	-0.7211646	-0.7547323	-0.6951687	-0.6268219
STKXLOC	-0.6285189	-0.7162560	-0.3328779	-0.1281658	-0.2818438	-0.2898115	-0.2609956	-0.3237995	-0.3237995	-0.2679257
VACHLN	-0.0813065	-0.1330518	-0.0895748	-0.010813	-0.0171337	-0.0471967	-0.1911646	-0.1082062	-0.0356667	-0.0118200
ORLN	-0.5833790	-0.7464613	-0.3623092	-0.2308193	-0.5363336	-0.5970399	-0.6268407	-0.6702000	-0.6684590	-0.5634716
CHMMO	-0.1940297	-0.2040512	-0.2821658	-0.0811980	-0.1893302	-0.1681951	-0.171666	-0.2035739	-0.2118659	-0.198215
VANDS	-0.0695191	-0.0830995	-0.1429436	-0.0461616	-0.0961393	-0.0640846	-0.0725109	-0.0924121	-0.1028557	-0.0944421
VANDS	-0.3331322	-0.3789115	-0.3576713	-0.1367674	-0.3194288	-0.3409427	-0.3347469	-0.3812251	-0.3697109	-0.3305538
SHLN	-0.2341344	-0.2469172	-0.2969279	-0.1066561	-0.2814659	-0.2195485	-0.2662991	-0.2662991	-0.2791603	-0.2383900
MMOFRD	-0.38316946	-1.0138363	-0.5978840	-0.3136465	-0.7377441	-0.8772202	-0.9875025	-0.9847701	-0.8741134	-0.7935251
IBLNR	-0.7160911	-0.8436764	-0.6289309	-0.2719826	-0.6374471	-0.7335611	-0.8055996	-0.8259495	-0.7497020	-0.6776518
DELRN	-0.198801	-0.213661	-0.0942623	-0.0501147	-0.0770214	-0.2009944	-0.2630301	-0.2646333	-0.2737632	-0.2118028
INFLNR	-0.3167340	-0.4212733	-0.3051147	-0.1077024	-0.2009944	-0.3255718	-0.4903410	-0.3793780	-0.2576438	-0.2454643
ORLN	-0.2991482	-0.3794744	-0.3279573	-0.1971287	-0.3359306	-0.4005282	-0.3561468	-0.4893312	-0.4989082	-0.4025187
CORTWD	-0.2531167	-0.3008808	-0.1999580	-0.0918170	-0.2172141	-0.2922555	-0.2978495	-0.2923234	-0.2575486	-0.2340814
CORTWD	-0.5895312	-0.6930617	-0.4920276	-0.2177659	-0.5123281	-0.5985622	-0.6100701	-0.6748433	-0.6055675	-0.5477198
STLDR	-0.2713311	-0.3435357	-0.1201953	-0.0818994	-0.2011977	-0.2818994	-0.3180813	-0.3484363	-0.2971090	-0.2507781
STLDR	-0.8063184	-0.9620879	-0.6500294	-0.2995956	-0.6965657	-0.8258111	-0.9414100	-0.9322312	-0.8264646	-0.7497632
INFLNR	-0.8415430	-0.9732873	-0.7135249	-0.3135249	-0.8027254	-0.9025858	-0.9466137	-0.9283568	-0.7957119	-0.681812
INFLNR	-0.7088727	-0.8848663	-0.6380706	-0.2680462	-0.4592977	-0.5768116	-0.6583998	-0.6642177	-0.7707393	-0.7093320
ALFMR	-0.4680956	-0.5429295	-0.4505372	-0.1890709	-0.4302442	-0.4790628	-0.5032620	-0.5377231	-0.5082005	-0.4519267
LCTPFA	-0.2989056	-0.3222590	-0.0674007	-0.0698945	-0.1759115	-0.2564748	-0.3587143	-0.2942102	-0.1868279	-0.2051071

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VARIABLE	STMKOL	VACKNOL	GRNMWD	GRNMWD	VANGS	VANGD	SHINL	NRMNOFD	ISBLWR	OBLLWR
RAKCHLN	-0.1133782	0.0909007	-0.1858935	-0.0782126	0.0551555	-0.1106463	0.1111937	0.1295690	-0.1295059	-0.1295059
INTKNDLN	0.0140755	0.1031722	0.0934986	0.0061803	0.0194783	0.0342651	0.0006201	-0.2012756	0.1468178	-0.0108352
INTMDRL	-0.1786911	0.0622880	-0.2926197	-0.1194264	0.0797348	-0.1896682	0.1622246	0.3518623	-0.3281083	-0.1932945
IKHLIL	-0.2279487	0.0445153	-0.3958893	-0.1513053	0.0934093	-0.2478289	0.2002216	0.5040017	-0.4501409	-0.1818775
IKHOL	-0.0736881	-0.0091165	-0.1432208	-0.0482120	0.0446088	-0.0843481	0.0625945	0.2003117	-0.1718563	-0.0543478
APKAN	0.0749359	-0.0002194	0.1022553	0.0361518	-0.0801139	0.0416266	-0.0475327	-0.1304880	0.1802605	0.0419806
APKPS	0.0191893	0.0561463	0.0782671	0.0102911	0.0063715	0.0312591	-0.0062630	-0.1380487	0.1059001	0.0028986
BSAN	0.1171158	-0.0073454	0.2135159	0.0172759	-0.0443014	0.1301552	-0.1021835	-0.2882284	0.0487311	0.0090912
BSPS	0.0548913	0.0150336	0.1120980	0.0336684	-0.0163721	0.0446988	-0.0456068	0.1684000	0.1372553	0.0187695
SVINS	-0.0732193	-0.0118225	-0.1449219	-0.0480502	0.0239407	-0.0847480	0.0622206	0.2049918	-0.1747380	-0.0537311
NSFCQ	-0.081151	-0.0725572	-0.1937545	-0.0493573	0.0112118	-0.1008574	0.0587528	0.3141214	-0.2530922	-0.0446886
INSV	-0.1607277	-0.0241956	-0.3050682	-0.1091400	0.0349210	-0.1217565	0.1411979	0.4607288	-0.3818627	-0.1229110
PITLL	0.1209118	-0.0420293	0.1980762	0.0808058	-0.0539242	0.1282234	-0.1097540	-0.2382782	0.2181362	0.1010625
INTLN	-0.0770748	0.0870008	-0.0868651	-0.0531319	0.0487792	-0.0709197	0.0714552	0.0548255	-0.0717366	-0.0770625
IRL	0.1827006	0.0474875	0.7444990	0.2504127	-0.1677634	0.4381898	-0.3520870	-1.0436566	0.5930316	0.8202239
IRL	0.3337093	0.1039559	0.6096810	0.2164692	-0.0965404	0.3931491	-0.2757174	-1.0099278	0.4485492	0.2330449
ORL	0.1335039	-0.1263352	0.7039710	0.2157070	-0.081453	0.3864717	-0.2720385	-1.0430958	0.5716449	0.214999
IRWR	0.1924908	0.1135294	0.4327370	0.1233088	-0.0429623	0.2363981	-0.1524716	-0.6604416	0.5495859	0.1433037
ODRW	0.2913825	0.1480808	0.394341	0.1873075	-0.0706886	0.3535042	-0.2336655	-0.9735511	0.8090988	0.1915409
IRL	0.1802671	-0.0672334	-0.6473307	0.2251686	-0.1091778	0.3092430	-0.3802753	-0.3802669	0.4327107	0.2495350
LRP	0.2835189	0.0484566	0.5833790	0.1840297	-0.0829613	0.3333125	-0.2347188	-0.6519946	0.7146911	0.1988201
IRFLR	0.1162568	0.1339918	0.6766551	0.2074332	-0.0830695	0.3789115	-0.2549172	-1.0138563	0.4238768	0.2136668
COLLRL	0.3286779	-0.0895678	0.6253092	0.2216852	-0.1482436	0.3576733	-0.2982927	-0.6978402	0.6227929	0.2727795
COLLRL	0.1235970	-0.0010833	0.2308192	0.0811980	-0.0446118	0.1387674	0.1066301	-0.31156805	-0.2719828	0.0940221
COLLRL	0.2818818	0.0711337	0.5365336	0.1849302	-0.0981398	0.190248	0.2410593	-0.7357441	0.6374971	0.5114977
LCTPFA	0.2899715	0.0871907	0.5073939	0.1881261	-0.0484046	0.3409827	-0.2398659	-0.8722302	0.7335561	0.2030857
IRPW	0.2860640	0.1911586	0.6286807	0.1718966	-0.0285309	0.3307469	-0.2059082	-0.9870529	0.8295986	0.1059333
IRPW	0.1220852	0.1080063	0.0702000	0.2007350	-0.0984127	0.3812557	-0.2649931	-0.9841707	0.8250985	0.2246165
IRPW	0.3237295	0.0326647	0.6284559	0.2119690	-0.1922607	0.3697149	-0.2756103	-0.8711134	0.1697092	0.2378482
IRPW	0.2879257	0.0411420	0.5634716	0.1825151	-0.0944861	0.3303668	-0.2439980	-0.7035551	0.6775818	0.2110208
STMKOL	0.1959569	-0.0457264	0.2684283	0.1065098	-0.0689905	0.1713921	-0.1439751	-0.3110332	0.2996421	0.1131683
VACKNOL	-0.0457266	0.1534535	0.0145086	0.0346548	0.0533075	-0.0039436	0.0585127	-0.1301800	0.0716814	-0.0669899
GRNMWD	0.2650583	0.0144086	0.5087865	0.1752013	-0.0940955	0.3039350	-0.2303588	-0.7017108	0.6001917	0.2018948
GRNMWD	0.1066058	-0.0346486	0.1762013	0.0711735	-0.0469732	0.1334812	-0.0946712	-0.2129282	0.1590778	0.0836691
VANGS	-0.0689905	0.0530875	-0.0940955	-0.0469732	0.0378682	-0.0079938	0.0662223	0.0852343	0.0918515	-0.0637321
VANGD	-0.1713921	-0.0239436	0.3039350	0.1334812	-0.0479684	0.1881156	-0.1511709	-0.3041657	0.3491347	0.1338284
SHINL	-0.1439751	0.0585127	-0.2303588	-0.0662223	-0.0522222	-0.1511709	0.1312577	0.2701653	-0.2502078	0.1321055
NRMNOFD	0.3110332	-0.1301800	0.7017108	-0.2129282	0.0893443	0.2841617	0.2701653	1.0450908	-0.8720162	-0.2253400
ISBLWR	0.2996421	0.0716814	0.6001917	0.1990176	-0.0918915	0.3491347	-0.2502578	-0.870162	0.7377563	0.2137878
OBLLWR	0.1131683	-0.0669899	0.2018948	0.0888041	-0.0637321	0.1334812	-0.1221025	0.2253400	0.2137878	0.1144394
IRVLR	0.0194990	-0.2336517	-0.1881392	-0.0058669	-0.0404956	-0.0636199	-0.0120484	0.6237770	-0.3040666	0.0338873
COLLRL	0.2540182	-0.0693530	0.4154332	0.1697927	-0.1132379	0.2691911	-0.2307077	-0.9888892	0.4570898	0.2125379
COLLRL	0.0947006	-0.0474411	0.2099645	0.0692407	-0.0316562	0.1143813	-0.0752950	-0.1118406	0.2586462	0.0628866
COLLRL	0.2336539	0.0777583	0.4861309	0.1514264	-0.0642403	0.2761676	-0.1924489	-0.7150699	0.5596927	0.1621497
STLLR	-0.0072884	0.1276657	0.1897877	0.0338767	0.0095335	0.0870860	-0.0337495	-0.4492497	0.2687727	0.0770961
ITLRL	-0.1081137	-0.1326657	-0.6606370	-0.1987867	0.0004323	-0.3492546	0.2500950	0.2911980	-0.8930784	-0.2075112
INFLRL	-0.0586088	-0.2896238	-0.2848526	-0.0305817	-0.0427605	-0.1139695	0.0174116	0.5808081	-0.4308353	0.0114387
IRNFR	0.3031754	0.0821937	0.6524797	0.1967128	-0.0481080	0.3568785	-0.2506982	-0.9181066	0.7690181	0.2101739
ALPRL	-0.1500536	-0.0121698	-0.4086503	-0.1511742	0.0752617	-0.2436065	0.1844901	0.0530763	-0.4085495	-0.1676456
LOPFLR	0.0390648	0.1421105	0.1651981	0.0214717	0.0195815	0.0692109	-0.0162126	-0.3263007	0.2449287	0.0001814

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS COVARIANCE MATRIX

VARIABLE	INVLNR	GRLLNR	CORLNR	CORLNR	STLLNR	TFLPLR	INFLNR	LRNFKR	ALPFLR	LOPFLR
RACHLEN	-0.0998317	-0.1895945	-0.0333358	-0.0983862	0.0271984	0.1158242	-0.0941368	-0.1315005	0.1181921	0.0449085
INTNDLN	-0.1850538	-0.0095360	0.0637314	0.1312538	0.1153538	-0.1951519	-0.2741707	0.1640992	-0.0753270	0.1208086
LRMDRL	-0.0026718	-0.2851080	-0.1000184	-0.2494973	-0.0926930	0.3266036	0.01718	-0.3741623	0.2383999	0.0318058
RLXHL	0.0626990	-0.3559307	-0.1459932	-0.3542405	-0.1028160	-0.1715699	0.1111111	-0.2845250	-0.1734422	-0.0871002
RMDDL	0.0604561	-0.1136213	-0.0951003	-0.1367229	-0.0571611	0.1880090	0.0886676	-0.1182888	0.1140200	-0.0509501
APKAN	-0.0331066	0.0853242	0.0405042	0.0961957	0.0355637	-0.1301791	-0.0517846	0.1239189	-0.0819900	0.0303237
APKPS	-0.1074515	0.0231225	0.0431280	0.091489	0.1070172	-0.1338787	-0.1322729	0.1151576	-0.0901391	0.0719782
BEAN	-0.0784895	0.1626689	0.0426050	0.197994	0.0587597	-0.2667014	-0.0962621	0.2553859	-0.1711917	0.0971172
BGPS	-0.0590960	0.0832063	0.0483326	0.1118254	0.0911887	-0.1540266	-0.0828230	0.1313166	-0.0899310	0.0479745
BFVBS	-0.0650317	-0.1259290	-0.0605281	-0.1411394	-0.0600913	0.1925012	0.0904029	-0.1817530	0.1162375	-0.0538668
NSECV	0.1711786	-0.1130476	-0.0952956	-0.2127172	-0.1254788	0.3001629	-0.2294315	-0.2699112	0.1551222	-0.1227932
PISEV	0.1430295	-0.2956838	-0.1592223	-0.3179812	-0.1336077	0.4347533	-0.2079976	-0.4084042	-0.2662587	-0.1191186
PTLLN	-0.0020085	0.1250029	0.0671776	0.1689162	0.0454398	-0.2211797	-0.0521285	0.2196905	-0.1586073	0.0213790
INTLN	-0.1020910	-0.1301916	-0.0119940	-0.0452801	0.0398793	0.0956818	-0.1050839	-0.0625146	0.0693412	0.0525953
NBR	-0.3146836	0.5890901	0.3075667	0.7204976	0.2942865	-0.9443550	-0.4609177	0.5422882	-0.5977045	0.2650116
IRBL	-0.3807907	0.5051712	0.3003260	0.6920050	0.3261235	-0.9563810	-0.5292122	0.8713988	-0.5333934	0.2701761
GBRL	-0.4165084	0.5033422	0.3110150	0.7181065	0.3495776	-0.9889788	-0.5719452	0.9732559	-0.5640888	0.3420636
BRU	-0.3109770	0.3456785	0.2000713	0.4586834	0.2817054	-0.6359987	-0.4105411	0.5804519	-0.3473391	0.2310335
ORBL	-0.4301419	0.4351410	0.2917502	0.6639104	0.3417886	-0.9251439	-0.5789377	0.8460630	-0.5117465	0.3237944
PKML	-0.3290959	0.5385195	0.2899662	0.6752378	0.2939879	-0.9650362	-0.4651909	0.8467777	-0.51263	0.2854995
LEBF	-0.3167348	0.4305102	0.2511167	0.5685512	0.2715131	-0.8063184	-0.4451530	0.7486728	-0.4680396	0.2948856
NFLOR	-0.4212743	0.4754744	0.3028808	0.6930617	0.2453297	-0.9420879	-0.5738873	0.8662884	-0.5429925	0.3222504
CORLNR	-0.0501167	0.2979573	0.1999580	0.4920276	0.1949453	-0.6500208	-0.1315969	0.6300706	-0.4905372	0.0874007
CORLMD	-0.0770214	0.1917227	0.0918170	0.2177629	0.0814994	-0.2949506	-0.1194208	0.4800462	-0.1850709	0.0608245
CORTHD	-0.2009944	0.4359308	0.2172141	0.5152381	0.2011959	-0.6965671	-0.3027258	0.6599077	-0.4302042	0.1755115
LCYFA	-0.3251796	0.4400502	0.2591329	0.5985622	0.2783529	-0.8581111	-0.4930066	0.7688166	-0.4790008	0.2524760
IFVY	-0.4930740	0.3961462	0.2978986	0.6700070	0.3178087	-0.9411459	-0.6461337	0.8538998	-0.5026060	0.3587181
INTL	-0.3757380	0.4891312	0.2928334	0.6708813	0.3180213	-0.9122162	-0.5208362	0.6642177	-0.5377231	0.2948702
FNKLN	-0.2577434	0.4990902	0.2557498	0.6045675	0.2871090	-0.8246646	-0.3795179	0.7770393	-0.5028059	0.2184827
AKHLN	-0.2454643	0.4425147	0.2340818	0.5477106	0.2297937	-0.7487632	-0.3574812	0.7035358	-0.4519267	0.2051073
ETROLOL	-0.0194990	0.2540182	0.0977006	0.2336039	0.0578828	-0.1801317	-0.0586680	0.3031794	-0.1950456	0.0390464
VACKLN	-0.2335171	-0.0893530	0.0852741	0.0777393	0.1276857	-0.1326697	-0.2868238	0.0927917	-0.0121698	0.1421105
CRHMD	-0.1683552	0.1546132	0.0209945	0.4861369	0.1897877	-0.6086370	-0.2846426	0.6294797	-0.0088663	0.1651191
CRHMD	-0.0986649	0.1697927	0.0609507	0.1514264	0.0338816	-0.0878677	-0.0305817	0.1967128	-0.0115521	0.0214777
VARGS	-0.0484956	-0.1153579	-0.0236502	-0.0642483	0.0099335	0.0094323	-0.0427605	-0.0881080	-0.0782682	0.1959815
VARGD	-0.0436199	-0.0619111	0.1148313	0.2761676	-0.0870660	-0.3495248	-0.1139955	0.1548795	-0.2443005	0.0092109
SHILN	-0.0120484	-0.2307077	-0.0762950	-0.1924489	-0.0337499	0.2300590	0.0174116	-0.2505982	0.1844901	-0.0162126
NWOFHD	0.4227770	-0.4938892	-0.3178406	-0.7150698	-0.3924997	0.9911980	-0.9800881	-0.9118196	0.5630763	0.3663087
IELIA	-0.3084064	0.4070896	0.2580635	0.5996927	0.2681721	-0.8246747	-0.4802185	0.7690191	-0.4854455	0.2440287
OBRLR	0.0338873	0.2123279	0.0620466	0.1697497	0.0170961	-0.2075412	0.0115487	-0.2107341	0.1164636	0.0001814
INVLNR	0.1407259	-0.0026197	-0.1399726	-0.2750293	-0.2205835	0.4145095	0.4956162	-0.3430358	0.1518419	-0.2661927
GRLLNR	-0.0029191	0.4093870	0.1417628	0.3538362	0.0737908	-0.4630065	-0.0510481	0.4860053	-0.3327831	0.0437616
CORLNR	-0.1349326	0.1417628	0.0935030	0.2180363	0.1081553	-0.2961900	-0.1823374	0.2717973	-0.1655976	0.1021196
CORLNR	-0.2790293	0.3538362	0.2126314	0.4907787	0.2300598	-0.6741511	-0.3806360	0.5215783	-0.3900481	0.2180016
STLLNR	-0.2526835	0.0737908	0.1081553	0.2320226	0.1681499	-0.3168816	-0.3191950	0.2927357	-0.1586109	0.1712495
TFLPLR	0.1410955	-0.4830065	-0.2961900	-0.6774351	-0.3368816	0.9406983	-0.5634023	-0.8662218	0.5301155	-0.3120592
INFLNR	-0.0951162	-0.0909011	-0.1833774	-0.3806360	-0.1407259	-0.3634023	-0.0538217	-0.1773489	0.2291733	-0.3270599
LRNFKR	-0.3430358	0.4600583	0.2719773	0.6276763	0.2927357	-0.8662238	-0.4773389	0.8040467	-0.5018286	0.0959898
ALPFLR	-0.1318019	-0.3219371	-0.1650976	-0.3900481	-0.1926102	0.5101527	-0.2297116	0.3274604	-0.1378604	0.1766992
LOPFLR	-0.2661827	0.0437616	0.1021196	0.2149016	0.1712805	-0.3162820	-0.3270399	0.2699890	-0.1329506	0.1766992

POOLED WITHIN-CLASS COVARIANCE MATRIX

[illegible]

CANONICAL DISCRIMINANT ANALYSIS
POOLED WITHIN-CLASS COVARIANCE MATRIX

VARIABLE	NSCV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	IDRW	OBDR	PHOL
RACHLER	0.08232522	-0.7140507	0.15883027	0.16491167	0.08892936	0.05160153	0.05486207	0.03257607	0.07166264	0.11413573
INTNLN	0.02604634	0.05419925	0.22181581	-0.07209186	0.05452318	-0.01511182	0.04648218	0.04205590	0.11619004	0.04920162
IMDML	0.17910648	0.01799177	0.38943005	-0.10843602	-0.01307995	0.03335000	0.06924688	-0.12430019	0.07665890	-0.01892330
MLML	0.09890404	0.14477790	0.48416516	-0.10401441	-0.02719766	-0.02226245	0.04911375	-0.02379174	0.12156496	0.03718888
MDML	0.25318181	0.12602559	0.15694667	0.24963946	-0.01821133	-0.06511365	-0.11764713	0.08673210	0.05898884	0.05318568
APKAN	-0.12544531	-0.03383419	-0.27174804	0.08056099	0.08756672	-0.03722229	-0.0152337	-0.00363171	-0.02952184	0.12991063
APKPS	-0.01343419	0.06350993	0.04969933	-0.12241331	-0.02372292	0.05645678	0.03727934	0.09215814	0.01396891	-0.06468597
BSAN	0.09078378	0.06118410	-0.10611791	0.04011860	-0.00725775	0.15781194	0.07638840	0.11510725	0.04633083	0.04462448
BSPS	0.26219944	0.01188669	0.15108462	0.02927018	0.04252506	0.20080484	0.15822492	0.02091520	0.10042556	0.00523302
SV/NS	0.19748491	-0.1183068	-0.06620332	0.02118378	0.06574804	0.01758124	-0.01849754	-0.02501603	-0.08291350	0.04636743
NSCV	0.95219845	-0.05425479	0.35108266	0.00264054	0.05939140	0.09954607	0.06909060	0.02707275	0.07725425	0.08928786
PINSV	-0.05425479	0.87712603	0.03027595	0.09363622	-0.01359778	-0.02137295	-0.01770494	0.05301439	0.01410345	-0.05464682
PTLLN	0.15108266	0.03027595	0.97277617	-0.04698752	0.00282320	0.00023175	0.01776883	-0.04062552	0.04820210	0.01602703
INTLN	0.02604634	0.09363622	-0.05098722	0.97632937	0.09522352	0.10360967	0.10299561	0.17854885	0.10233947	0.11821148
NBR	0.05939140	-0.01359778	0.02082320	0.09363622	0.25075318	0.15472698	0.06651865	0.13895554	0.09073674	0.16708200
IBRL	0.09288007	-0.02137295	0.06232972	0.10360967	0.15472698	0.48011595	0.20095291	0.21743377	0.15146545	0.11140057
OBRL	0.06090604	0.07177094	0.04774683	0.10299561	0.09651865	0.20095291	0.29201106	0.13332702	0.22798463	0.13349469
IDRW	0.02747275	0.05301439	-0.04062552	0.17854885	0.13895554	0.11748377	0.13321002	0.72639712	0.20895998	0.14618518
OBDR	0.07725425	0.01410345	0.09292010	0.10539574	0.09073674	0.15146545	0.22198463	0.20295980	0.18777532	0.07621232
PHOL	0.08928786	-0.05464682	0.01602703	0.11821148	0.16708200	0.11140057	0.1339665	0.14615014	0.10762125	0.25350966
LBRP	0.17339779	-0.03673119	0.10618461	0.13232927	0.08170564	0.15809708	0.08112536	0.16444116	0.06425860	0.16155173
RACHLER	0.02874787	0.00752336	0.06519155	0.04300231	0.13018162	0.16200390	0.15299526	0.09383952	0.10936556	0.11262250
CORLLN	0.11033080	-0.02949513	0.62595913	0.06334880	0.06421557	0.06733291	0.09971281	0.08482289	0.13655362	0.17250460
MDML	0.06516671	0.18682575	0.12268177	0.17033114	0.03707317	-0.02135627	-0.03916790	0.13472788	0.03635694	0.00525036
CORLWD	0.07135002	0.02161625	0.05212258	0.19523346	0.05973851	0.18264269	0.16321931	0.30511007	0.11741199	0.11820510
LITFA	0.02816331	0.00823321	0.01385592	0.03975076	0.14361535	0.19180463	0.13317078	0.10209598	0.12951188	0.14906408
INFM	-0.00872132	0.00132644	0.00767143	0.09975634	0.05806637	0.09349512	0.12310158	0.04762723	0.11780055	0.13617700
INTFL	0.10363535	0.01195933	0.03284875	0.12025690	0.08702229	0.25035205	0.16046219	0.20925128	0.14696990	0.20001257
PHOL	0.00486211	0.03025211	-0.00289879	0.16643392	0.02830003	0.02490792	0.00493521	0.00493546	0.06190717	0.06782336
APKAN	0.18678780	0.01815869	0.05691861	0.17349550	0.13339175	0.22787995	0.16746872	0.17540337	0.12820349	0.19831170
STHROL	0.01921426	0.13106002	0.00010116	0.10081138	0.16938050	0.03396039	-0.04587118	0.05255988	0.06225259	0.10040101
VACHNLI	0.07388681	-0.04905157	-0.09937359	0.12787101	0.09209039	0.23811427	0.15049814	0.12820123	0.06033774	0.02996557
CRNND	0.12396109	0.00355237	0.14649927	0.19756838	0.07514252	0.20274659	0.13446227	0.36616912	0.13872930	0.14007700
CRPHND	0.16833871	0.09913191	0.19050935	0.18187950	0.07346041	0.20010859	0.10489622	0.31401324	0.10435135	0.09926300
VACHND	0.28011651	0.05404389	-0.08136360	0.06340756	0.07202155	0.11446580	-0.01891765	0.01698889	-0.02569233	0.08512283
VARND	0.28196323	0.11062738	0.13992643	0.16122327	0.02543073	0.02461561	0.03398702	0.01179519	0.01319094	0.03539323
SHNLI	0.25252912	0.36948736	-0.15042914	0.00027234	0.00027234	0.01534272	0.02925904	-0.07209131	0.07566351	-0.03591301
PHNPHND	0.03141092	-0.02570079	0.06985293	0.00737256	-0.05425495	-0.11799339	-0.11726049	-0.02286694	-0.08629215	-0.08606910
ILWR	0.09145782	0.05117064	0.09405747	0.00783802	0.09840564	0.24800406	0.12954535	0.23750047	0.03769200	0.04415807
OBRL	-0.06031444	0.04635061	-0.09907004	0.02538201	0.0713879	0.09442041	0.12870728	-0.1818116	-0.06826590	0.04309910
INTLWR	0.08560510	0.01723625	-0.04383409	0.09981508	-0.05520	0.07296003	0.04760348	-0.0474776	-0.07030957	0.09236362
OBRL	0.06370026	-0.05881180	-0.11182818	-0.00209925	0.41003308	0.07840721	0.11082116	0.00895105	0.10591194	0.15682594
CORLWR	-0.07586229	0.00703592	-0.12484742	0.10609706	0.05960168	-0.00895942	0.03933698	-0.20606911	0.03939551	0.03345682
CORLWR	-0.04574946	-0.05940360	-0.09445698	-0.03073928	0.06481697	0.02107578	0.07400221	0.06622310	0.06523364	0.08401845
STLDR	0.04662030	-0.00473112	0.04013711	0.08945411	-0.05107733	0.11199327	0.16698027	0.13912004	0.05419698	0.01527043
TFLPL	0.04069000	0.04914568	0.01092275	-0.02884800	-0.09447069	-0.17371733	-0.1347446	-0.1676076	-0.13612348	-0.08249285
INTLWR	0.12995272	-0.0304551	-0.15684731	0.01872116	0.05152369	0.08327351	-0.06079133	0.06671401	-0.06811432	0.09486811
INTLWR	0.03090923	0.01521477	0.04118938	0.02319146	0.13419542	0.02813179	0.18373548	0.10026020	0.13994249	0.19482523
ALFPL	0.17570578	-0.08356253	0.07337023	-0.00961682	0.06749992	0.06796003	0.05154612	0.14303175	0.03072678	0.07933518
LITFLA	-0.06814248	0.02602694	-0.06310704	-0.00097221	0.08475917	0.07372555	0.07064401	-0.07134169	0.02519390	0.07150549

CANONICAL DISCRIMINANT ANALYSIS
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VARIABLE	LBPR	INTFOR	CORLNL	CORLND	CORLND	CORLND	LCTPFA	INTFM	INTFL	FMKLN	AMKLN
RACNCLX	0.12398700	0.0636649	0.0751580	0.03929554	-0.0606660	0.7311577	0.07003895	0.08725974	-0.0715344	0.05968205	
INTNCLX	0.07946699	0.0230030	0.0151433	0.12749568	-0.0156272	-0.0094022	-0.0153575	0.01685188	0.04137749	-0.04626122	
INTNCLX	0.07946699	0.0230030	0.0151433	0.12749568	-0.0156272	-0.0094022	0.02976451	0.05929288	0.01626095	0.02927987	-0.00026995
INTNCLX	0.10624715	-0.0222071	0.0755470	0.07812856	-0.0180795	0.03269594	0.01928468	-0.0216270	0.05113666	0.07728092	
INTNCLX	0.0110782	-0.1136631	0.0460960	0.1602624	0.00989899	0.00718091	-0.0462674	-0.01410996	0.03753770	0.08559517	
INTNCLX	-0.0363855	0.02389342	-0.0378087	-0.0239457	-0.0424522	0.00778785	0.04525670	0.01075288	0.02771989	0.02518357	
INTNCLX	-0.08726130	0.00701166	0.02781873	0.01649680	0.05098713	0.03776801	0.01830971	-0.02684664	-0.03383903	0.03403903	
INTNCLX	0.03454657	0.04743267	-0.16713656	0.01068918	0.06622240	-0.03941059	-0.0613459	0.02599306	-0.05267175	0.02523521	
INTNCLX	0.12184848	0.19746525	0.1680815	0.00106708	0.04951626	0.05398413	0.09232978	0.14151244	-0.00749315	0.16939402	
INTNCLX	0.03704961	-0.0320155	-0.00257925	0.12717516	0.00828438	0.00502775	-0.73789210	0.00810256	-0.04350794	0.08146269	
INTNCLX	0.17297779	0.02474797	0.11033080	0.05516671	0.07135002	0.07281633	-0.00721213	0.10363652	0.00488211	0.18978780	
INTNCLX	-0.03671219	0.00750214	-0.00983172	0.18462575	0.00214125	0.00823221	0.00115644	-0.01196632	0.02026217	-0.09718689	
INTNCLX	0.10618461	0.00519125	0.02965373	0.13268177	0.03212258	0.01835592	0.02876143	0.03284415	-0.00209779	0.03691861	
INTNCLX	0.1323927	0.04300323	0.044447	0.17033114	0.19523346	0.03575076	0.00879434	0.12205690	0.10643382	0.17349500	
INTNCLX	0.08370568	0.13018162	0.06421957	0.01707387	0.05713851	0.14061635	0.09566637	0.16870229	0.02628003	0.15399175	
INTNCLX	0.15890978	0.16020390	0.05753591	-0.03218667	0.18264520	0.19180663	0.09192512	0.25835205	0.02449592	0.22747995	
INTNCLX	0.08112936	0.15296626	0.09971261	-0.03916790	0.1422121	0.15311979	0.12310158	0.18067349	0.04830751	0.16748872	
INTNCLX	0.16484176	0.09343592	0.08402899	0.13472788	0.30511007	0.10299598	0.00475253	0.20292578	0.00490546	0.17540337	
INTNCLX	0.06625260	0.10435556	0.13652322	0.03635604	0.11718199	0.12951405	0.11270055	0.14269680	0.06180272	0.12050949	
INTNCLX	0.16159173	0.12162560	0.17252052	0.00552036	0.11820310	0.14800208	0.13817100	0.20001257	0.06780132	0.19831710	
INTNCLX	0.15060997	0.09096356	0.11637818	0.10160996	0.18578367	0.07999127	0.09216732	0.16654132	0.02071283	0.21941770	
INTNCLX	0.09056356	0.13207594	0.07935663	0.08461606	0.08738520	0.08965272	0.15964309	0.17812711	-0.03527775	0.13803089	
INTNCLX	0.11636718	0.01756663	0.01500736	0.00221614	0.08546669	0.27407278	0.16578292	0.17029995	0.28071280	0.13788996	
INTNCLX	0.09160696	-0.06846106	0.00221614	0.99977782	0.22220001	-0.0372366	0.01918316	-0.00604956	0.06343170	-0.06004492	
INTNCLX	0.18578567	0.08736620	0.08546669	0.22220001	0.03021811	0.01990518	0.04583913	0.15820021	0.00718660	0.13900678	
INTNCLX	0.07999157	0.08626272	0.07407279	-0.01023666	0.01998518	0.02009519	0.22791590	0.15497410	0.12446930	0.13748900	
INTNCLX	0.09218732	0.16506302	0.15678292	-0.01918316	0.04569330	0.22791590	0.13927404	0.21260361	0.14328394	0.24579120	
INTNCLX	0.16064132	0.17817371	0.17023990	0.00604956	0.12800212	0.21549740	0.21260361	0.38113100	0.12015741	0.12976568	
INTNCLX	0.09073283	-0.03277775	0.28071280	0.06341270	0.00210660	0.2046930	0.14388394	0.12016741	0.09134592	0.18580601	
INTNCLX	0.21841770	0.11803089	0.13188996	-0.00404956	0.13900678	0.13849800	0.20575120	0.32961638	0.13849801	0.93051800	
INTNCLX	0.08930836	-0.07627655	0.14804956	0.2501791	0.13685857	0.02947939	-0.11222297	0.05828904	0.05281567	0.19782600	
INTNCLX	0.05798202	0.12843210	0.04875148	0.02700695	0.21308146	0.1165789	0.08075103	0.19290556	0.03623582	0.22569331	
INTNCLX	0.2319157	0.03460509	0.02897780	0.1806195	0.31811681	0.0566656	0.03171339	0.1354566	0.05600971	0.13617981	
INTNCLX	0.13671669	0.04900739	-0.00881856	0.04848656	0.43389508	-0.0676757	-0.02809117	0.09408127	-0.13845971	0.05929251	
INTNCLX	0.0029105	-0.0533773	0.08166143	0.09326659	-0.0932369	0.05708861	-0.0577531	0.04845776	0.03484889	0.02809276	
INTNCLX	0.14747625	-0.02607613	0.09610081	0.06551170	0.01348261	0.0505587	-0.04049394	0.03755091	0.06629731	0.08826020	
INTNCLX	0.06759486	0.12138148	-0.01373091	-0.07099576	-0.0278260	0.00493126	0.04309873	0.04430079	0.01854504	-0.00925350	
INTNCLX	-0.0597927	-0.0574909	-0.0703663	0.0405253	-0.1507909	-0.1161995	-0.13065626	-0.1148480	-0.00109350	-0.1174123	
INTNCLX	0.05759965	0.12734780	0.02884347	-0.12007737	0.01071937	0.15008603	0.03079973	0.15378332	0.02940507	0.13698418	
INTNCLX	0.04743267	0.09299150	-0.04321516	-0.1077818	0.03292788	0.04708131	-0.00016176	0.07471829	-0.00195930	0.07055714	
INTNCLX	0.01291517	-0.0999178	0.06808835	-0.01861957	-0.0618765	0.00713500	-0.17003261	0.08632462	0.05295395	0.07748029	
INTNCLX	0.08448816	0.05433388	0.10914573	0.96369478	-0.03237051	0.0616152	0.11781369	0.15069357	0.12399790	0.32940757	
INTNCLX	-0.1061347	0.01777716	-0.27712006	-0.2516194	-0.02943883	0.0484973	0.22030923	0.19500718	0.20450944	0.2213745	
INTNCLX	-0.0021836	0.03251578	0.78203810	-0.2652021	-0.21032555	0.16657189	0.18529092	0.19044434	0.30003458	0.67297794	
INTNCLX	0.02261396	0.16158015	0.01115280	-0.1955066	0.02860756	0.21779562	0.25512645	0.17562917	0.06887325	0.17956048	
INTNCLX	-0.1209060	-0.0890716	0.00218966	0.03910148	-0.1718662	-0.00609021	-0.18900084	-0.06666718	0.02191710	-0.06922641	
INTNCLX	0.04600511	-0.06886138	-0.02166637	0.00186172	-0.03182947	-0.03095792	-0.26310110	0.02736118	-0.04761018	0.00118045	
INTNCLX	0.11586053	0.15021665	0.20948788	-0.0066697	0.17854078	0.21903813	0.16692310	0.0971313	0.12517763	0.23810103	
INTNCLX	0.17778811	0.13092665	-0.10548930	-0.1348182	0.11166574	-0.11594060	-0.3412482	0.00772303	-0.6721465	0.18482397	
INTNCLX	-0.09504593	0.07046672	0.00747626	-0.0589709	-0.14605057	0.09855184	0.16789594	0.18860637	0.12595514	0.04788816	

CANONICAL DISCRIMINANT ANALYSIS
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VARIABLE	STOKL0L	VACPK0LH	CRHND0	CRHND0	VANGS	VANGC	SHINL	WANGFHD	IBLMR	OBLMR
RACHLEN	0.10294327	-0.06114318	0.03310890	0.04913802	0.11182536	-0.16669546	-0.04325162	0.31156313	0.02631900	-0.02154750
INTNDLN	0.23548120	-0.18191167	0.04248225	0.01143700	0.11843843	-0.10002159	0.03733885	0.18120720	-0.05731880	-0.12504195
LMNDLH	-0.05100208	0.05529284	0.00359665	-0.03145098	-0.30377493	-0.19119114	0.17252660	-0.01457492	0.11960504	-0.04314486
MKLLH	0.08511634	-0.06617714	0.03527171	0.08292529	0.04874602	0.14477227	0.28071108	0.04132760	-0.01592271	-0.16130247
MNDLH	0.17060010	-0.15410100	0.04054950	0.11484718	0.23307205	0.32900662	-0.00004008	0.07050656	-0.14114053	-0.13307302
AFKXN	-0.11246018	0.01373617	-0.10178441	-0.7336857	0.24207529	-0.02255017	-0.29713082	-0.10129424	-0.01562559	0.05561973
APKXS	0.29052019	-0.01180930	0.06758981	0.13521317	-0.14431687	-0.01202085	-0.08235922	-0.02654666	-0.02650361	0.01808549
BEAN	-0.00160218	0.03251585	0.14001459	0.12011868	0.21732809	0.23429727	-0.19170179	-0.06213239	0.19007592	0.08170080
BUPS	-0.73580137	0.02606769	0.11527257	0.04446778	0.06909050	0.24872196	0.29684688	-0.09447011	0.24910950	0.09632330
SVVBS	0.07536886	-0.06108347	-0.02367906	0.02240617	0.43407302	0.18415890	-0.11465009	0.02404616	0.04670386	0.21549745
NSECV	0.01921426	-0.01780681	0.12361891	0.16833871	0.28013657	0.02267329	0.20252971	0.03141096	0.09145872	-0.06043144
PIHVB	0.13106022	-0.04908157	0.00352227	0.09913191	0.05448339	0.11027158	-0.00951298	-0.04570079	-0.05177064	-0.06615561
PTLLH	0.00018816	-0.04837159	0.14649927	0.10500584	-0.08136361	0.03590263	0.36988756	0.02482583	0.05808717	-0.09071004
INTLN	0.10481138	-0.16728710	0.19756938	0.18618790	0.05340756	-0.01512237	-0.19042914	-0.00311756	0.06879382	0.02538281
MR	0.16939050	-0.00920933	0.07514252	0.07346581	0.07202152	0.02823073	-0.00037234	-0.04265345	0.09489964	0.02913879
TBLR	0.01396037	-0.23641427	0.07574622	0.09330859	0.01444025	0.05015551	-0.10374672	-0.1749539	0.24820066	0.09142041
ORRL	-0.00587144	0.15022903	0.13444781	0.10489252	-0.01691766	0.03398702	0.09252904	-0.1720435	0.15054529	0.12870728
IBRM	0.28132948	0.17860123	-0.36616912	0.31401234	-0.01848889	0.01479510	-0.1270913	-0.09246684	-0.2575004	-0.18178116
ORRW	0.06925969	0.06037374	0.12872930	0.1035155	-0.02892311	0.01919094	0.07253531	-0.06822915	0.03769280	-0.30826250
PKHL	0.10604701	-0.05985857	0.1407037	0.05269344	0.08612283	0.02378323	0.3659130	-0.0466918	0.04615801	0.04399910
BRP	0.08038836	0.05794202	0.23571109	0.15637665	0.00204105	-0.0174435	0.06759086	-0.02978922	0.0769965	0.01536758
NFLOR	-0.07627065	0.12843210	0.05566258	0.09000739	-0.09035773	-0.02404874	0.15334148	-0.0557990	0.12734780	0.02291200
CORLH	0.14860246	0.04875144	0.05077780	-0.08461356	0.05766143	0.09810081	-0.01373091	-0.10700863	0.02288375	-0.06321516
CORL0	0.20601791	-0.0760669	0.21861695	0.40649866	0.09326659	0.06953510	-0.07009518	0.04902530	-0.12073762	-0.05178182
CORW0	-0.05166657	0.21308740	0.31411681	0.43189508	-0.04953169	0.01348241	-0.02978260	-0.0570993	0.01071937	0.03292788
LCTFA	0.02490192	0.13165789	-0.04660636	-0.05795757	0.00700028	0.06065587	0.00439166	-0.1818995	0.15080825	0.04708131
INTW	-0.11222297	0.18075102	-0.02374339	-0.02809177	-0.06375931	-0.04304094	0.04309873	-0.13067624	0.07757990	0.00016178
INTFL	0.05628904	-0.12920556	0.13584566	0.05069112	0.04685716	0.03755591	0.08430079	-0.1486960	0.15738332	0.07671394
PKHLH	0.05281567	0.03623582	-0.04360971	-0.18429117	0.03044079	0.06659731	-0.1854504	0.0020939	0.02240507	-0.00109530
APKHL	0.09786050	0.22569331	0.13421754	0.02929251	0.02809276	0.08826002	0.02603550	-0.1174125	0.13698418	0.07565714
STOKL0L	0.13009131	0.00606195	0.13257593	0.22713590	0.12381544	-0.19427114	0.11217272	0.05760022	0.14656803	-0.08349806
VACPK0LH	0.00869015	0.11690011	0.12169359	0.05643387	-0.12726603	-0.06209118	-0.04443316	-0.18443316	0.04340004	0.01312528
CRHND0	0.13357593	0.12169359	0.66863778	0.88281036	-0.05212084	-0.02067995	0.07812310	-0.08716681	0.01493562	-0.03662757
CRHND0	0.03274130	0.05631881	0.48281036	0.97336859	-0.00954112	0.03601025	0.04413962	-0.05722666	0.04698909	0.01019618
VANGS	0.12833944	-0.07276603	-0.05121084	-0.00856132	0.95667036	0.27718892	-0.27294313	-0.05850501	0.02206875	0.04166156
VANGC	0.00462831	0.19427114	-0.00817995	0.03460316	0.02771892	0.09392921	-0.07188346	0.00065322	0.04600481	0.01619081
SHINL	-0.11219792	0.06000171	0.01672310	0.04439366	0.27294213	-0.07188346	0.93091197	-0.06815920	0.21510790	0.00667272
WANGFHD	0.05766822	-0.18443316	-0.08716681	-0.07226603	0.05830501	-0.04006322	-0.06815920	0.03299778	-0.08613504	-0.05909371
IBLMR	-0.14656803	0.15080825	-0.14095662	0.04698909	0.02706875	0.04600481	-0.05107090	-0.06615908	0.48783779	0.04100628
OBLMR	-0.08349806	0.14371256	-0.0366757	0.01012427	0.04106156	0.01619083	0.00667272	-0.05050371	0.24340628	0.93176301
INTLWR	0.16230453	-0.0709480	-0.0337681	-0.0524517	0.10214320	0.14002695	-0.00875137	-0.08231392	0.13480322	0.11079942
CRILLR	0.02526024	0.14713321	-0.0610987	-0.20560038	0.02725652	0.03318923	0.03922682	-0.19081757	0.08667047	0.01043058
CORLWR	0.00232319	0.01899638	-0.0173487	-0.0310597	0.09943382	0.09180480	-0.00550022	-0.03407169	0.14237193	0.02349057
CORLWR	0.0424363	0.07098117	0.06346772	-0.00466680	0.03436699	0.0599148	-0.19537376	-0.06697599	0.07040936	0.00913922
STLLWR	-0.75226249	0.28773062	-0.0669360	-0.1968218	-0.05991481	-0.0812166	-0.0558227	-0.10321004	0.21253424	0.05619125
TFPLWR	-0.1009599	-0.0349251	-0.17851057	-0.1766443	0.08712066	-0.0414161	-0.08838302	0.07631315	-0.10032057	0.01406261
INTLWR	0.1530984	-0.15110108	0.0720613	0.00631351	0.10038165	0.1292376	-0.0969658	0.12767005	0.02817969	0.13376536
INTLWR	0.00593922	0.16644811	0.13585163	0.06515028	-0.0138414	-0.0365710	0.05839512	-0.25878728	0.14965423	0.07899475
ALFWR	0.07169206	-0.05827823	0.27220020	0.228581	0.0131743	0.01128998	0.02059488	0.01590589	0.01590589	0.00062922
LCCFLWR	-0.16636622	0.09656428	-0.29460075	-0.21899521	0.01832135	-0.03837970	-0.03674685	-0.07544804	0.73193916	0.09124510

CANONICAL DISCRIMINANT ANALYSIS

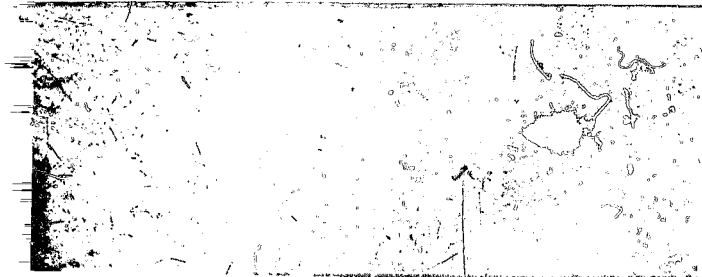
TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	RACHLEN	INTNDLN	LNMDRL	HSKMLN	MMMDL	APXAK	APXPS	BSAH	BSPS	SVNL
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	0.3446	0.1139	0.0714	-0.0019	-0.1286	0.0170	-0.0467	-0.1270
LNMDRL	0.1200	0.3446	1.0000	0.4955	-0.3711	-0.8708	0.0372	-0.4997	0.0892	-0.2916
HSKMLN	0.2163	0.1139	0.4955	1.0000	0.5041	-0.2697	-0.5032	-0.1573	0.1299	0.0425
MMMDL	0.0972	0.0714	-0.3711	0.5041	1.0000	-0.1748	0.0622	0.2805	0.0809	0.1313
APXAK	-0.0896	-0.0019	-0.8708	-0.2697	-0.1748	1.0000	-0.4638	0.0509	-0.1407	-0.2319
APXPS	-0.1040	-0.1286	0.0372	0.0622	-0.4638	-0.4638	1.0000	0.1533	0.1631	-0.0805
BSAH	-0.1375	0.0170	-0.4997	-0.1573	0.2805	0.0509	0.1533	1.0000	0.5628	0.0636
BSPS	-0.0927	-0.0467	0.0892	0.1299	0.0809	-0.1407	-0.1407	0.5628	1.0000	-0.2515
SVNL	-0.0021	-0.1270	-0.2916	0.0425	0.1313	0.2319	-0.0805	0.0636	-0.2515	1.0000
REGCV	0.0981	0.0273	0.2285	0.5717	0.3832	-0.1500	-0.0467	0.0391	0.2272	0.2338
FINSV	-0.0111	0.0068	0.1382	0.3075	0.1837	-0.0771	0.0283	0.0515	-0.0316	-0.0316
PITLL	0.0973	0.2247	0.2943	0.3053	0.1194	-0.2447	0.0575	-0.0467	0.1811	-0.0934
INTLN	0.2186	-0.0032	0.2038	0.2586	0.0685	-0.1078	0.0998	0.0208	0.0360	-0.0360
MR	-0.0453	0.1600	-0.2922	-0.4094	-0.1594	0.1882	0.0544	-0.2037	0.1509	-0.0818
IBRL	-0.0459	0.1076	-0.2069	-0.3416	-0.1937	0.0531	0.1426	0.1467	0.3274	-0.1180
DBRL	-0.0459	0.1076	-0.2069	-0.3416	-0.1937	0.0531	0.1426	0.1467	0.3274	-0.1180
IBRW	-0.0605	0.1390	-0.2561	-0.2311	0.0015	0.0534	0.1564	0.2290	0.0901	-0.1107
IBRW	0.0045	0.2514	-0.1285	-0.1816	-0.0655	0.2517	0.1063	0.2197	0.8021	-0.2073
PKOL	-0.0004	0.1518	-0.2697	-0.2778	-0.2799	0.2223	-0.0083	0.1486	0.1110	-0.0882
LRP	0.0374	0.1778	-0.1310	-0.1850	-0.0719	0.0993	-0.0147	0.1974	0.2139	-0.0785
NFLDR	-0.0176	0.1575	-0.1316	-0.3477	-0.2409	0.1162	0.0996	0.2321	0.3011	-0.1659
CORLLN	-0.1651	0.0373	-0.1589	-0.2214	-0.0560	0.0736	0.0560	0.0194	0.0612	-0.1062
CORLMD	0.0044	0.1511	-0.1271	-0.0449	0.1184	0.0357	0.0370	0.0798	0.0350	0.0814
CORLMD	-0.1630	-0.0529	-0.2274	-0.2906	-0.0911	0.1012	0.1021	0.2329	0.1289	-0.0924
LCTPFA	-0.0522	0.1039	-0.1781	-0.2006	-0.1066	0.0815	0.1109	0.1251	0.1577	-0.1074
INFV	0.0951	0.1367	-0.1288	-0.2710	-0.1673	0.1271	0.1193	0.1602	0.1936	-0.2226
INFL	-0.0462	0.1377	-0.2730	-0.3296	-0.1420	0.1042	0.0962	0.2364	0.2447	-0.1134
FRKLN	-0.1156	0.0254	-0.2061	-0.2706	-0.0812	0.1178	0.0850	0.1232	0.0842	-0.1632
AKSLN	-0.0400	0.0348	-0.2089	-0.2083	-0.0254	0.0934	0.2097	0.2524	0.2524	-0.0291
STPKLOL	0.0240	0.0846	-0.1808	-0.1173	0.1173	0.0637	0.0529	0.0717	-0.0380	0.0288
VACHKLN	-0.0025	-0.1095	0.1032	-0.0746	-0.1570	0.0134	0.0561	0.0862	0.0160	-0.0160
CRPMND	-0.0671	0.1046	-0.1922	-0.2123	-0.0471	-0.0311	0.1737	0.2820	0.1904	-0.1209
CRPMND	-0.0671	0.1046	-0.1922	-0.2123	-0.0471	-0.0311	0.1737	0.2820	0.1904	-0.1209
VANGS	-0.1538	0.1454	-0.2434	-0.1100	0.3424	-0.2594	-0.1843	0.1843	0.0560	-0.0560
VANGS	-0.2379	-0.0753	-0.3137	-0.0237	0.2568	0.0192	0.0089	0.3183	0.2896	0.1246
SVNL	0.0320	0.0370	0.8184	-0.3096	-0.3254	-0.0879	-0.2575	-0.2575	-0.2575	-0.2575
MMNOFND	0.3942	0.0434	0.2212	0.3980	0.2017	-0.1930	-0.1159	-0.2729	-0.2088	0.1618
IBLWR	-0.0682	0.0424	-0.0789	-0.1191	-0.2375	0.0660	0.0430	0.2683	0.3425	-0.0721
GBLWR	-0.0940	-0.1351	-0.1827	-0.2817	-0.1675	0.0915	0.0200	0.1027	0.1223	0.1174
INVLWR	-0.1333	-0.1674	0.0184	0.1066	0.0923	0.0219	-0.2026	-0.1259	-0.0946	0.1283
CORLWR	-0.1559	-0.0736	-0.1887	-0.1306	-0.0716	0.0183	-0.0471	0.0280	0.1487	-0.0487
CORLWR	-0.0186	-0.0967	-0.0562	-0.0543	-0.0578	0.1227	0.0135	-0.0950	0.0258	-0.0212
CORLWR	-0.0710	0.0552	-0.1051	-0.2594	-0.1691	0.1142	0.0183	0.0126	0.0449	0.1024
STLWR	0.0189	-0.0599	-0.0108	-0.1625	0.0631	0.0137	0.1118	0.0201	-0.1769	-0.1769
TRFLWR	0.0913	-0.1518	0.1943	0.3461	0.1958	-0.0802	-0.1340	-0.2555	-0.2077	0.0744
INFLWR	-0.1209	0.1097	-0.1962	-0.3153	-0.1083	-0.0773	-0.1668	-0.1968	-0.1968	-0.1968
INFLWR	-0.1209	0.1097	-0.1962	-0.3153	-0.1083	-0.0773	-0.1668	-0.1968	-0.1968	-0.1968
ALFLWR	0.1719	-0.0619	0.1239	0.4404	0.1373	0.0053	0.0512	0.0096	0.0717	0.1898
LEPFLWR	0.0048	0.0733	-0.0727	-0.1317	-0.0738	0.0053	0.0512	0.0096	0.0717	-0.0236

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	ISRW	OBRW	PKWL
RACHLEN	-0.0981	-0.0131	0.0273	0.2196	-0.0963	-0.0499	-0.0360	-0.0065	0.0045	-0.0004
INTROLEN	-0.0273	0.0068	0.2247	0.0997	0.1620	0.1076	0.1800	0.1390	0.2514	0.1518
LENDRL	0.2285	0.1382	0.2943	-0.0452	-0.2922	-0.2069	-0.1704	-0.2561	-0.1286	-0.2697
HOKML	0.5717	0.3075	0.3653	0.2038	-0.4094	-0.3616	-0.2934	-0.2311	-0.1818	-0.3114
AGGOL	0.3832	0.1837	0.1194	0.2586	-0.1594	-0.1937	-0.1481	0.0015	-0.0655	-0.0789
AFKAN	-0.1500	-0.0773	0.2847	0.0665	0.1082	0.0331	0.0793	0.0538	0.0557	0.2223
APKPS	-0.0467	0.0280	0.0575	-0.1178	0.0343	0.1426	0.1701	0.1561	0.1663	-0.0088
BEAK	0.0351	-0.0362	0.0078	0.0078	0.0037	0.2167	0.2123	0.3670	0.2197	0.1486
BEPS	0.2272	0.0515	0.1811	0.0508	0.1549	0.3274	0.2688	0.0901	0.2021	0.1110
SVINS	0.2238	-0.0536	-0.0934	0.0350	-0.0818	-0.1180	-0.1604	-0.1107	-0.2073	-0.0882
NSECV	1.0000	0.0135	0.3123	-0.0018	0.1350	-0.1025	-0.1592	-0.1120	0.1546	-0.1016
PINSV	0.0336	1.0000	-0.0529	0.1230	-0.3366	-0.3283	-0.1398	-0.2699	-0.3167	-0.1167
PTLLN	0.3123	-0.0529	1.0000	-0.0585	0.2150	0.2052	0.2123	0.0249	0.2400	0.1993
INTLN	-0.0018	0.1230	-0.0585	1.0000	0.0191	0.0524	0.0265	0.1651	0.0818	0.0570
NBR	-0.1350	-0.3366	0.2150	0.0191	1.0000	0.4662	0.8063	0.5740	0.7375	0.8578
IBRL	0.1025	-0.3283	0.2052	0.0524	0.4662	1.0000	0.8814	0.6848	0.7831	0.9199
OBRL	-0.1592	-0.3283	0.2123	0.0265	0.8063	0.8814	1.0000	0.5804	0.8887	0.8028
ISRW	-0.1120	-0.2699	0.0249	0.1651	0.5740	0.6848	0.5804	1.0000	0.6281	0.5604
OBRW	0.1546	-0.3167	0.2400	0.0818	0.7375	0.7831	0.8887	0.6281	1.0000	0.7810
PKWL	-0.1016	-0.3167	0.1893	0.0570	0.8578	0.7617	0.6029	0.5804	0.7910	1.0000
LEPW	0.0095	-0.2052	0.2493	0.0914	0.6758	0.7261	0.6651	0.5304	0.6035	0.7187
NFI	-0.1818	-0.2921	0.2206	0.0106	0.8136	0.8220	0.8197	0.5298	0.7438	0.7677
CORL	-0.0033	-0.2631	0.1961	-0.0599	0.6035	0.5382	0.5719	0.3546	0.5474	0.6610
CC	0.0071	0.0828	0.1860	0.1372	0.2628	0.1760	0.1732	0.2601	0.2570	0.2187
CC (W)	-0.0664	-0.1887	0.1929	0.1310	0.5872	0.6651	0.6416	0.6038	0.5687	0.6072
LE (W)	-0.1003	-0.2524	0.1564	-0.0014	0.7351	0.7517	0.7397	0.4704	0.6711	0.7077
INT	-0.2179	-0.2787	0.1573	0.0935	0.6947	0.7271	0.7854	0.4783	0.7386	0.7439
INTL	-0.0923	-0.3052	0.1917	0.0772	0.6382	0.6886	0.8436	0.6282	0.7562	0.8301
PKWL	-0.1568	-0.3399	0.1506	0.0388	0.6048	0.6206	0.6285	0.3675	0.5909	0.6806
ANKLN	0.0351	-0.3323	0.1789	0.1156	0.6908	0.7460	0.7010	0.5020	0.6152	0.7159
STKOL	-0.0334	-0.0169	0.0821	0.0511	0.4288	0.2570	0.4201	0.4075	0.2637	0.3805
VACKOLN	-0.0308	-0.0662	-0.1174	0.2220	0.0412	0.1049	0.2328	0.2848	0.1605	0.0752
CRKMD	-0.0075	-0.2153	0.2807	0.2357	0.5768	0.6673	0.6082	0.6886	0.5574	0.6058
CRKMD	0.1316	0.0242	0.1591	0.1485	0.2410	0.3516	0.2525	0.3894	0.2288	0.2840
VANDS	0.2815	0.0900	-0.1174	0.0945	-0.0149	-0.0505	-0.0803	-0.0872	-0.0729	0.0114
VANDS	0.1560	-0.0280	0.1227	-0.0631	0.3210	0.2901	0.3611	0.1723	0.2561	0.2940
INTL	0.2375	0.2932	0.0956	-0.2186	0.2186	-0.0814	-0.0927	-0.2261	-0.0874	-0.2306
NUNOFND	0.2411	0.2635	-0.1336	0.0130	-0.7895	-0.7959	-0.8213	-0.5384	-0.7408	-0.1504
IBRL	-0.1179	0.2847	0.0192	0.7046	0.6214	0.6214	0.7438	0.1158	0.5835	0.6150
OBRL	-0.0894	-0.1278	-0.0302	-0.0267	0.2200	0.2511	0.2828	-0.0955	-0.1746	0.2127
INTL	0.1983	0.1183	-0.0649	-0.1266	-0.1123	-0.1888	-0.3228	-0.2782	-0.3578	-0.1671
CELLMR	-0.0130	-0.2967	0.0888	-0.1287	0.3259	0.4163	0.4886	0.1980	0.4005	0.2167
CORLMR	-0.0807	-0.0638	-0.0782	-0.1117	0.2658	0.2806	0.2485	-0.0476	0.2307	0.2291
CELLMR	0.1865	-0.2704	0.04	-0.0604	0.2539	0.2485	0.5485	0.2389	0.5115	0.3405
STLLR	-0.0384	-0.1727	0.0643	0.0750	0.1409	0.3292	0.3397	0.0265	0.2837	0.2147
TFPLR	0.2411	0.3398	-0.1526	0.0022	-0.7592	-0.8173	-0.8028	-0.5311	-0.7583	-0.7109
INTL	0.2607	0.0051	-0.0526	-0.0719	-0.2073	-0.4521	-0.2678	-0.4451	-0.4818	-0.3095
LNFMH	-0.1520	-0.2583	0.1908	-0.0191	0.7584	0.8039	0.7999	0.5278	0.7983	0.7815
ALFPLR	0.2768	0.0938	-0.0162	0.3382	-0.3582	-0.3582	-0.3582	-0.0917	-0.3582	-0.0911
LEPW	-0.1486	-0.0541	-0.0443	-0.0321	0.2621	0.2737	0.2659	0.0843	0.2821	0.1909



CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	LBPP	NFLOR	CORLNL	CORLWD	CORTWD	LCTPFA	INFM	INFL	FMXLN	APXLN
RACHLEN	0.0374	-0.0176	-0.1691	0.0048	-0.1630	-0.0522	0.0251	-0.0062	-0.1156	-0.0100
INTNDLN	0.1778	0.1575	0.0373	0.1511	0.0259	0.1039	0.1387	0.1371	0.1254	0.0348
LNVDRL	-0.1310	-0.1316	-0.1569	-0.1211	-0.2274	-0.1781	-0.1288	-0.2100	-0.2061	-0.2089
NKWLRL	-0.1050	-0.1077	-0.2314	-0.0945	-0.2904	-0.2606	-0.2710	-0.3296	-0.2706	-0.2083
NKMDL	-0.0719	-0.2429	-0.0560	0.1189	-0.0911	-0.1066	-0.1273	-0.1420	-0.0812	-0.0624
APKARE	0.0363	0.1143	0.0736	0.0057	0.0305	0.0815	0.1671	0.1042	0.1708	0.1036
APKPS	-0.0147	0.0996	0.0560	0.0370	0.1021	0.1109	0.1193	0.0562	0.0260	0.0934
BSAN	0.1974	0.2321	0.0196	0.0758	0.2359	0.1251	0.1602	0.2164	0.1232	0.2047
BSPS	0.2139	0.3041	0.0412	0.0350	0.1289	0.1577	0.1936	0.2447	0.0842	0.2524
SVNKS	-0.0785	-0.1659	-0.1062	0.0814	-0.0944	-0.1674	-0.2223	-0.1134	-0.1632	-0.0281
NSECV	0.0085	-0.1818	-0.0033	0.0071	-0.0664	-0.0022	-0.2179	-0.0933	-0.1248	-0.0351
PINSV	-0.2922	-0.2921	-0.2631	0.0824	-0.1087	-0.2526	-0.2787	-0.3052	-0.2399	-0.3323
PILLN	0.2493	0.2206	0.1961	0.1840	0.1989	0.1564	0.1573	0.1917	0.1504	0.1792
INTLN	0.0914	0.0105	-0.0599	0.1303	0.1310	-0.0014	0.0935	0.0772	0.0398	0.1156
NBR	0.6758	0.8136	0.6035	0.2626	0.5072	0.7351	0.6947	0.8362	0.6444	0.6908
IBRL	0.7261	0.6225	0.5182	0.1760	0.6891	0.7587	0.7271	0.8986	0.6006	0.7460
ORBL	0.6651	0.5397	0.5719	0.1732	0.6416	0.7397	0.7854	0.8436	0.6389	0.7070
IBRW	0.5304	0.5298	0.3546	0.2601	0.6038	0.7094	0.7483	0.8242	0.6875	0.5020
ORRW	0.5035	0.7036	0.5474	0.2270	0.5687	0.6711	0.7486	0.7562	0.5975	0.6152
FMXL	0.7187	0.7677	0.6610	0.2147	0.6073	0.7077	0.7439	0.8301	0.6426	0.7159
LARP	1.0000	0.6559	0.5209	0.2146	0.5033	0.5656	0.6121	0.7150	0.6604	0.5111
NFLOR	0.6559	1.0000	0.4677	0.1327	0.5669	0.6378	0.8132	0.8203	0.7339	0.6527
CORLNL	0.5209	0.4677	1.0000	0.1745	0.4782	0.6760	0.2356	0.6223	0.7281	0.7281
CORLWD	0.2146	0.1327	0.1745	1.0000	0.1800	0.1836	0.1718	0.1951	0.2512	0.1105
CORTWD	0.6033	0.5669	0.4782	0.1800	1.0000	0.4805	0.4876	0.5996	0.4431	0.5329
LCTPFA	0.5656	0.6378	0.6760	0.4782	0.4805	1.0000	0.7682	0.8650	0.7360	0.7564
INFM	0.6121	0.8132	0.2356	0.1718	0.4876	0.7682	1.0000	0.8265	0.6692	0.7234
INFL	0.7150	0.8203	0.6223	0.1951	0.5996	0.8650	0.8265	1.0000	0.8768	0.8297
FMXLN	0.5111	0.5339	0.7281	0.2512	0.4431	0.7360	0.6692	0.8768	1.0000	0.6451
APXLN	0.6527	0.6527	0.7281	0.1105	0.5329	0.7564	0.7234	0.8297	0.6451	1.0000
STHMDL	0.2015	0.1174	0.3568	0.2840	0.1356	0.2181	0.0701	0.2734	0.5680	0.2880
VACHDLN	0.1151	-0.0169	-0.0120	-0.2056	-0.2303	-0.1873	-0.3050	-0.2204	-0.0591	-0.2485
CORMDL	0.6305	0.5123	0.4139	0.2685	0.8644	0.3463	0.3967	0.5937	0.3659	0.5090
ORMDL	0.5608	0.1856	0.1395	0.4320	0.9485	0.0592	0.0872	0.2345	0.0059	0.1837
VANCS	-0.2534	-0.1055	-0.0091	0.0615	-0.1107	-0.0006	-0.0976	-0.0139	-0.0331	-0.0358
VANCS	0.2118	0.2293	0.3348	0.1872	0.2267	0.2877	0.1829	0.2993	0.1122	0.3073
IBRL	-0.0215	-0.0215	-0.2129	-0.1398	-0.1907	-0.1561	-0.0978	-0.1348	-0.2004	-0.1658
NKMDL	-0.6313	-0.7988	-0.5720	-0.1658	-0.6440	-0.7010	-0.7906	-0.7794	-0.6483	-0.6413
IBRL	0.5497	0.7005	0.8470	0.0639	0.4409	0.6435	0.6206	0.7714	0.5282	0.5927
ORBL	0.1512	0.2367	0.1208	0.0410	0.1706	0.1829	0.1117	0.2251	0.1600	0.2164
INVLRL	-0.1414	-0.3914	0.0341	-0.0696	-0.1991	-0.1319	-0.4942	-0.1667	-0.1200	-0.0881
INVLRL	0.3764	0.3734	0.8501	-0.3579	0.5506	0.5586	0.3994	0.7299	0.5428	0.6140
CORLRL	0.0680	0.2212	0.0044	-0.1591	-0.2757	0.6190	0.4150	0.3482	0.4605	0.3730
CORLMDL	0.3562	0.6986	0.0049	-0.1149	0.7363	0.7799	0.6308	0.6397	0.6980	0.8339
STLRL	0.2075	0.3519	0.0046	-0.1082	0.1913	0.8010	0.5003	0.3668	0.6334	0.3104
TFLRL	-0.6722	-0.7392	-0.4133	-0.1992	-0.5926	-0.5610	-0.6505	-0.6927	-0.5004	-0.5653
INFLRL	-0.2540	-0.4535	-0.1101	-0.0779	-0.5038	-0.3332	-0.0095	-0.3218	-0.3993	-0.2375
LNFMRL	0.4300	0.7619	0.6326	0.1242	0.6172	0.7295	0.7367	0.8168	0.6454	0.7053
ALFMR	-0.1807	-0.2461	-0.4036	-0.2551	-0.1779	-0.4337	-0.3697	-0.2867	-0.8052	-0.1207
LCFLRL	0.0750	0.2863	0.0056	-0.0091	-0.0929	0.6811	0.4236	0.3853	0.2895	0.1638

GARONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	STMKLOL	VACHKLN	CRHMD	CRHMD	VANGS	VANGD	SH1NL	NH0FHD	IBLWR	OBLWR
RACKLEN	0.9240	0.0035	-0.0671	-0.0081	0.1534	-0.2379	0.0320	0.3942	-0.0682	-0.0940
HTKOLN	0.2915	-0.1095	0.1046	0.0134	0.1254	-0.0753	0.0370	0.0034	0.0024	-0.1323
LHRLRL	-0.1809	0.1032	-0.1922	-0.1104	-0.0438	-0.1137	0.0189	0.2212	-0.0989	-0.1427
KALKLN	-0.0687	-0.0746	-0.0123	-0.0188	0.1100	-0.0237	0.3769	0.3980	-0.1191	-0.2677
NOHDL	0.1173	-0.1570	-0.0471	0.0802	0.3424	0.2666	-0.3696	0.2037	-0.2275	-0.1675
APKAK	0.0237	0.0134	-0.0311	-0.0481	0.2254	0.0192	-0.3234	-0.1938	0.0660	0.0935
APKPS	0.0529	0.0261	0.1137	0.1409	-0.1182	0.0089	-0.0879	-0.1159	0.0430	0.0200
BSAH	0.0717	0.0862	0.2820	0.1701	0.1843	0.3183	-0.2575	-0.2729	0.2683	0.1027
BSFS	-0.0380	0.0355	0.1594	0.1669	0.0580	0.2895	-0.2630	-0.2088	0.3425	0.1223
SVFNS	0.0288	-0.0140	-0.1209	-0.0702	0.4839	0.1246	-0.2683	0.1610	-0.0721	-0.1774
NSCECV	-0.0334	-0.0308	-0.0075	0.1318	0.2815	0.1500	0.2376	0.2917	-0.0801	-0.0094
PINEV	0.0169	-0.0642	-0.2153	0.0282	0.0900	-0.0000	0.0935	0.2656	-0.1179	-0.1270
PILLN	0.0021	-0.1174	0.2807	0.1591	-0.1174	0.1227	0.2932	-0.1336	0.2447	-0.0302
ITLNL	0.0211	0.0220	0.1357	0.1485	0.0945	-0.0631	-0.0956	0.0330	-0.0392	-0.0267
NBR	0.4548	0.0612	0.3768	0.2410	-0.0149	0.3210	-0.2166	-0.7405	0.7056	0.3206
IBRL	0.2576	0.3049	0.6673	0.3516	-0.0506	0.2901	-0.0814	-0.7969	0.6238	0.2511
GRFI	0.2201	0.2328	0.6082	0.2525	-0.0033	0.3011	-0.0927	-0.8213	0.7438	0.3628
IERM	0.0075	0.2948	0.4846	0.3894	-0.0472	0.1723	-0.2261	-0.5384	0.1158	-0.0956
DIRM	0.2637	0.1605	0.5574	0.2284	-0.0729	0.2563	-0.0854	-0.7408	0.2835	-0.1706
PKL	0.3005	0.0752	0.6098	0.3940	0.0114	0.2900	-0.2366	-0.7504	0.6150	0.2127
LBRP	0.2815	0.1151	0.6305	0.2608	-0.0534	0.2118	-0.0921	-0.6313	0.5497	0.1512
NFLR	0.1374	0.2169	0.3123	0.1856	-0.1055	0.2293	-0.0215	-0.7888	0.7006	0.2367
CORLNL	0.1668	-0.0120	0.4339	0.1395	-0.0091	0.1388	-0.2169	-0.5720	0.4470	0.7208
CORLMD	0.2840	-0.0206	0.3685	0.4520	0.0615	0.1012	-0.1398	-0.1658	0.0639	-0.0410
CORLWD	0.1356	0.2203	0.8046	0.5485	-0.1107	0.2257	-0.1907	-0.6440	0.4409	0.1786
LCTPTA	0.2181	0.1873	0.3463	0.2595	-0.0006	0.2877	-0.1561	-0.7010	0.6439	0.1829
IKNF	0.0701	0.3050	0.3967	0.0872	-0.0976	0.1829	-0.0978	-0.7906	0.6208	0.7177
IKFL	0.2738	0.2988	0.5837	0.3345	-0.0139	0.2523	-0.1388	-0.7544	0.7118	0.2221
FKMLN	0.2680	0.0591	0.3659	0.0059	-0.0353	0.1123	-0.0924	-0.6483	0.5282	0.1600
AKMLN	0.2880	0.2485	0.5090	0.1827	-0.0359	0.3073	-0.1658	-0.6413	0.5927	0.2164
STKLOL	1.0000	-0.2341	0.3106	0.2988	0.0751	0.2014	0.2059	-0.1649	0.0569	0.0061
VACHKLN	-0.2341	1.0000	0.1292	0.0321	-0.0492	-0.2063	0.0041	-0.2663	0.2050	0.0966
CRHMD	0.3106	0.1292	1.0000	0.5011	-0.1151	0.1830	-0.1377	-0.5668	0.3947	0.1120
CRHMD	0.2988	0.0321	0.5011	1.0000	-0.0392	0.1096	-0.0209	-0.2091	0.1779	0.0694
VANGS	0.0751	-0.0659	-0.1151	-0.0392	1.0000	0.2260	-0.2210	0.1713	-0.0403	-0.0023
VANGD	0.2014	-0.2063	0.1830	0.1096	0.2260	1.0000	-0.1714	-0.3038	0.2811	0.1072
SH1NL	-0.2059	0.0041	-0.0209	-0.0209	-0.1714	-0.1714	1.0000	0.1160	0.0441	-0.0754
NH0FHD	0.1649	-0.2091	-0.0403	-0.0403	0.1713	0.3038	0.1160	1.0000	0.6793	0.2021
IBLWR	0.0569	0.2050	0.3947	0.1779	-0.0023	0.2811	-0.0441	-0.6793	1.0000	0.3871
OBLWR	0.0061	0.0966	0.1120	0.0694	-0.0023	0.1072	-0.0754	0.3871	0.3871	1.0000
STLLBR	0.1529	-0.3205	-0.1289	-0.0482	0.0075	0.0096	-0.0166	0.4844	-0.0721	0.1317
CRILLR	0.1941	0.0844	0.2205	-0.0880	-0.0468	0.0128	-0.1752	-0.4508	0.3940	0.1288
CORLNL	0.0694	0.0441	-0.0457	0.1810	0.0615	0.1468	-0.0973	0.5621	0.3190	0.0095
CORLMD	0.1185	0.1303	0.0667	-0.0911	-0.0088	0.2365	-0.1442	-0.9255	0.4746	0.1180
STLLBR	-0.7003	0.3687	0.0420	-0.1707	-0.1584	-0.0020	0.0811	-0.3363	0.3937	-0.0670
TFILR	0.1056	-0.1220	-0.5109	-0.1019	-0.1198	-0.8492	0.0807	0.7817	-0.2880	-0.1560
IMFLWR	0.1336	-0.3376	-0.1197	0.0465	0.0716	0.0099	-0.0305	0.3134	-0.2659	0.1392
IMFLWR	0.2187	0.2256	0.3236	0.2152	-0.0781	0.4334	-0.0713	-0.4693	0.5687	0.2508
ALFBLR	-0.0764	0.0497	0.1239	0.1239	0.0354	-0.1516	0.1433	0.3925	-0.2937	-0.1082
LOFPCLR	-0.1368	0.1502	-0.1786	-0.2195	0.0310	0.0086	-0.0468	-0.2927	0.2956	0.0903

CANONICAL DISCRIMINANT ANALYSIS

TOTAL-SAMPLE CORRELATION MATRIX

VARIABLE	INVLWR	CELLWR	CORLWR	CORLWR	STLLBR	TFLPLR	INFLWR	LRNPHR	ALFLHR	LOFGLR
RAOHLN	-0.1333	-0.1559	-0.0186	-0.0710	0.0389	0.0513	-0.0783	-0.1809	0.1719	0.0048
INTRLN	-0.1678	-0.0858	-0.0867	0.0952	-0.0989	-0.1518	-0.1006	0.1097	-0.0619	0.0733
LCORL	-0.0181	-0.0736	-0.0362	-0.1051	-0.0108	0.1963	-0.0220	-0.1565	0.1239	-0.0727
PKL FL	0.1066	-0.1887	-0.0993	-0.2584	-0.1465	0.3461	0.1033	-0.2153	0.2604	-0.1317
RM L	0.0923	-0.1805	-0.0578	-0.1691	-0.1657	0.1958	0.1273	-0.1788	0.1371	-0.0738
APXV4	0.0218	0.0716	0.1227	0.1142	0.0631	-0.0802	-0.0997	0.1380	-0.0233	0.0655
APXJ3	-0.2026	0.0163	0.0135	0.0183	0.0337	-0.1540	-0.1668	0.0564	0.0212	0.0549
BSM	-0.1209	-0.0871	-0.0920	0.0166	0.1118	-0.2532	-0.1090	0.2236	0.0096	0.0375
SGPS	-0.0546	0.0280	0.0258	0.0949	0.2951	-0.2077	-0.1214	0.2041	0.0717	0.0710
SVINS	0.1283	-0.1487	-0.0212	-0.1054	-0.0799	0.0754	0.2322	-0.1684	0.1888	-0.0236
NSCEV	0.1983	-0.0120	-0.0807	-0.1865	-0.0384	0.2411	0.2627	-0.1520	0.2764	-0.1486
FIRSV	0.1123	-0.2943	-0.0838	-0.2704	-0.1727	0.1398	0.1004	-0.2583	0.0932	-0.0541
PTLLK	-0.0069	0.0898	-0.0782	0.0604	0.0643	-0.1526	-0.0526	0.1904	-0.0342	-0.0823
INTLN	-0.1266	-0.1287	-0.1117	-0.0604	0.0790	0.0022	-0.0919	-0.0191	0.0368	-0.0521
NR	-0.1153	0.4359	0.2558	0.5539	0.1409	-0.7592	-0.2592	0.7584	0.1152	0.2621
IBRL	-0.1838	-0.1163	0.2008	0.4967	0.3292	-0.6173	-0.3217	0.8039	-0.2456	0.2737
GBRL	-0.3226	0.4086	0.2985	0.5489	0.3397	-0.8028	-0.4451	0.7999	-0.3290	0.2869
BRM	-0.2782	0.1985	-0.0676	0.2189	0.2265	-0.2711	-0.2690	0.5078	-0.0917	0.0843
ORRM	-0.3578	0.4002	0.2347	0.1515	0.2837	-0.7583	-0.4838	0.7093	-0.3142	0.2421
PKKL	-0.1677	0.5127	0.2291	0.5405	0.2147	-0.7109	-0.3696	0.7815	-0.2941	0.1909
LRP	-0.1819	0.3768	0.0880	0.3962	0.2075	-0.6722	-0.2840	0.6300	-0.1407	0.0750
NFLOR	-0.3918	0.3734	0.2212	0.6986	0.3919	-0.7399	-0.4539	0.7616	-0.2361	0.2663
CORLWR	0.0381	0.8901	0.4004	0.6049	0.0946	-0.4333	-0.1101	0.6326	-0.6036	0.0696
CORLMD	-0.0696	-0.3579	-0.1591	-0.1149	-0.1022	-0.1592	-0.0779	0.1282	-0.2551	-0.0091
CORTWD	-0.1991	0.2994	-0.2757	0.1363	0.1935	-0.5926	-0.2038	0.6172	-0.1779	0.0259
LCPTFA	-0.1319	0.3588	0.6190	0.7799	0.4010	-0.5610	-0.3332	0.7095	-0.4337	0.6001
IRFW	-0.8942	0.3994	0.3150	0.6302	0.5003	-0.6505	-0.7095	0.7167	-0.2697	0.4236
IRF	-0.1667	0.7555	0.3882	0.6397	0.3668	-0.6927	-0.3218	0.8168	-0.0967	0.3823
PKKL	-0.1200	0.5428	0.4605	0.6988	0.2334	-0.5002	-0.2593	0.6454	-0.8022	0.2695
ANLKL	-0.0881	0.6140	0.3730	0.6339	0.3304	-0.5663	-0.2375	0.7053	-0.1207	0.1838
STKROL	0.1858	0.1941	0.0694	0.1145	-0.1003	0.3056	0.1336	0.2127	-0.0704	-0.2688
VACROL	-0.3586	0.0844	0.0848	0.1303	0.3681	-0.1220	-0.3376	0.2286	0.0491	0.1502
CORLMD	-0.1589	0.2202	-0.4327	0.0657	0.0920	-0.6199	-0.1197	0.2536	-0.0654	-0.1768
CORLMD	-0.0882	-0.0882	-0.2870	-0.0687	-0.1707	-0.0713	0.0465	0.2152	0.1239	-0.2195
VANCS	0.0676	-0.0888	0.0815	-0.0088	-0.0584	0.1198	0.0716	-0.0721	0.0334	0.0310
VANCS	0.0946	0.2126	0.1666	0.2345	-0.0020	-0.0923	0.0509	0.2354	-0.1516	0.0086
SHIRL	-0.0166	-0.1152	-0.0573	-0.1442	0.0811	0.0007	-0.0305	-0.0713	0.1433	-0.0468
NUNOFMD	0.3684	-0.4908	-0.2421	-0.2555	-0.3363	0.7417	0.5136	-0.8693	0.3925	-0.2327
IBLR	-0.0721	0.1940	0.3150	0.6766	0.1927	-0.6580	-0.2629	0.6687	-0.2827	0.2526
OBLLR	0.1317	0.1288	0.0653	0.1180	-0.0670	-0.1260	0.1392	0.2808	-0.1082	0.0903
INVLWR	0.0000	0.0707	0.0066	0.0872	-0.3048	0.3078	0.7890	-0.2079	0.1043	-0.1605
CELLWR	0.0707	0.0000	0.4552	0.6175	0.1369	-0.3270	-0.0509	0.5312	-0.2433	0.0452
CORLWR	0.0662	0.4552	1.0000	0.7058	0.2649	-0.0886	-0.2169	0.2643	-0.2647	0.5575
CORLWR	-0.0872	0.6175	0.7058	1.0000	0.1631	-0.3886	-0.3070	0.2356	-0.4863	0.4633
STLLBR	-0.3048	0.1369	0.2629	0.3831	1.0000	-0.1538	-0.3805	0.3195	-0.1231	0.4120
TFLPLR	0.3078	-0.2270	-0.0886	-0.3856	-0.1538	1.0000	-0.4448	-0.0965	0.2077	-0.1034
INFLWR	0.7890	-0.0509	-0.2169	-0.3050	-0.2805	-0.4448	1.0000	-0.3405	0.2315	-0.3010
LRNPHR	-0.2079	0.5312	0.2663	0.5356	0.3195	-0.6505	-0.3405	1.0000	-0.3145	0.2828
ALFLHR	0.1043	-0.2433	-0.3010	-0.4448	-0.1034	-0.2315	-0.3010	-0.3145	1.0000	-0.3049
LOFGLR	-0.1605	0.0452	0.5575	0.4633	0.4120	-0.1034	-0.3010	0.2828	-0.3049	1.0000

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	RACHLEN	IRTNOLN	LMDRL	MXLNL	MOXDL	APXAN	APXPS	BSAN	BSPS	SVINS
RACHLEN	1.0000	0.4212	0.8823	0.7941	0.5661	-0.6606	0.2697	-0.7033	-0.4576	0.5390
IRTNOLN	0.4212	1.0000	-0.0552	-0.2167	-0.5092	0.4096	0.9469	0.3484	0.6136	-0.5369
LMDRL	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	-0.9506	-0.9038	0.9399
MOXDL	0.5661	-0.5092	0.8875	0.9505	1.0000	-0.9928	-0.6911	-0.9801	-0.9970	0.9955
APXAN	-0.6606	0.4096	-0.9362	-0.9809	-0.9928	1.0000	0.5447	0.9993	0.9998	-0.9884
APXPS	0.2697	0.9469	-0.2153	-0.3711	-0.6911	0.5447	1.0000	0.9988	0.9988	-0.9958
BSAN	-0.7033	0.3484	-0.9551	-0.9906	-0.9801	0.9993	0.9988	1.0000	0.9539	-0.9778
BSPS	-0.4576	0.6136	-0.8223	-0.9038	-0.9038	0.9998	0.9988	0.9539	1.0000	-0.9958
SVINS	0.5390	-0.5369	0.8720	0.9399	0.9955	-0.9884	-0.9958	-0.9778	-0.9958	1.0000
NSCEV	0.1009	-0.8598	0.5572	0.6848	0.8772	-0.8139	-0.9308	-0.7782	-0.9308	0.8924
PIHEV	0.3205	-0.5253	0.8786	0.9495	0.9996	-0.9904	-0.8355	-0.9906	-0.9902	0.9909
PILIN	-0.4818	0.0522	-1.0000	-0.9699	-0.9879	0.9366	0.2163	0.9594	0.9594	-0.9725
INTLN	0.9840	0.9759	0.7845	0.6733	0.4101	-0.5165	0.4367	-0.5656	-0.5656	0.3805
NER	-0.6055	0.5098	-0.8871	-0.9903	-1.0000	0.9927	0.6117	0.9440	0.9621	-0.9955
IBRL	-0.4315	0.6364	-0.8053	-0.8909	-0.9879	0.9523	0.7523	0.9448	0.9996	-0.9984
GBRL	-0.3991	0.6716	-0.7521	-0.8858	-0.9796	0.9486	0.7822	0.9285	0.9971	-0.9877
IBRM	-0.2598	0.7667	-0.6834	-0.7829	-0.9419	0.8969	0.8407	0.8680	0.9774	-0.9532
OBRM	-0.3058	0.7347	-0.7179	-0.8215	-0.9980	0.9168	0.8343	0.8919	0.9865	-0.9658
PHXL	-0.5181	0.5618	-0.8973	-0.9995	-0.9981	0.9835	0.6873	0.9713	0.9979	-0.9956
LFRL	-0.4411	0.6281	-0.8116	-0.8957	-0.9895	0.9651	0.7852	0.9482	0.9998	-0.9937
NFLOR	-0.3576	0.6953	-0.7521	-0.8516	-0.9723	0.9373	0.8028	0.9194	0.9990	-0.9794
CORLNO	-0.4193	0.1395	-0.9964	-0.9969	-0.9933	0.9026	0.2972	0.9768	0.9675	-0.9103
CORLMO	-0.6515	0.4137	-0.9719	-0.9784	-0.9942	0.9999	0.9949	0.9975	0.9827	-0.9902
CORTWO	0.6127	0.4586	-0.9126	-0.9669	-0.9943	0.9981	0.9528	0.9927	0.9971	-0.9959
LCTPTA	-0.4399	0.6300	-0.8102	-0.8917	-0.9892	0.9645	0.7468	0.9474	0.9998	-0.9924
IFHEV	-0.1972	0.8061	-0.6355	-0.7524	-0.9198	0.8642	0.8909	0.8356	0.9619	-0.9321
INFL	-0.4825	0.6440	-0.7994	-0.8864	-0.9843	0.9995	0.7568	0.9815	0.9952	-0.9912
FXOLN	-0.5770	0.4977	-0.8933	-0.9546	-0.9999	0.9943	0.9308	0.9864	0.9902	-0.9909
ANOLN	-0.5520	0.4238	-0.8795	-0.9451	-0.9999	0.9906	0.8541	0.9810	0.9940	-0.9999
STXOLN	-0.8809	0.1218	-0.9978	-0.9994	-0.9163	0.9576	0.2800	0.9768	0.9924	-0.9027
VACHOLN	0.7533	0.9138	0.3551	0.1995	-0.1157	-0.0039	0.8365	-0.0623	0.2401	-0.1880
CRXOLN	-0.6177	0.4530	-0.9152	-0.9645	-0.9979	0.9988	0.9907	0.9935	0.9819	-0.9935
CRXMO	-0.6703	0.0801	-0.9997	-0.9905	-0.9907	0.9947	0.9395	0.9622	0.9362	-0.8839
VANGS	0.9968	0.3471	0.9172	0.8903	0.6304	-0.7187	0.1915	-0.7281	-0.5275	0.6098
VANGP	-0.7573	0.2733	-0.9755	-0.9943	-0.9571	0.9906	0.4547	0.9959	0.9972	-0.9983
SHINL	0.9094	0.0059	0.9981	0.9789	0.8376	-0.9730	-0.7532	-0.9353	-0.7860	0.8404
WAXOHND	0.3771	-0.6611	0.7686	0.8684	0.9770	-0.9448	-0.7502	-0.9236	-0.9961	0.9834
IELVR	-0.4822	-0.5914	-0.8378	-0.9154	-0.9921	-0.9762	0.7136	0.9619	0.9961	-0.9978
OSLVR	-0.9480	-0.1108	-0.9862	-0.9462	-0.7389	0.8651	0.0507	0.8930	0.7167	-0.7789
INLVR	-0.6024	0.9949	0.0093	0.1177	0.4691	-0.3601	0.9785	-0.1050	-0.3767	0.4666
CRLLVR	-0.8839	0.0518	-1.0000	-0.9862	-0.8059	0.9350	0.2120	0.9541	0.8203	-0.4703
CORLVR	-0.3239	0.7216	-0.7310	-0.6322	-0.9637	0.9942	0.8237	0.9003	0.9894	-0.9715
CORLVRH	-0.6171	0.6486	-0.7958	-0.8816	-0.9853	0.9379	0.7627	0.9394	0.9990	-0.9904
STLLVR	-0.1989	0.9726	-0.2857	-0.4376	-0.6952	0.6043	0.9974	0.9557	0.7803	-0.7183
TFLPLR	-0.3333	-0.6997	0.7520	0.9091	-0.9912	-0.9977	-0.3096	-0.9145	-0.9935	0.7885
INFLVR	-0.3590	-0.9977	0.1225	0.2821	0.5661	-0.4635	-0.9996	-0.4109	-0.6656	0.5287
LEFLVRH	-0.4353	0.6333	-0.8078	-0.8929	-0.9086	0.9634	0.7625	0.9861	0.9997	-0.9930
ALFLVR	-0.6759	-0.9937	-0.9162	-0.9679	-0.9981	-0.9923	-0.5056	-0.9932	-0.9882	0.9942
LCFFCLR	0.3169	0.9937	-0.1668	-0.3247	-0.6024	0.5026	0.9988	0.9513	0.6993	-0.6281

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	NSECV	PINSV	PTLLN	INTLN	NBR	IBRL	OBRL	ISRW	OBRW	PHKL
RACHLEN	0.1009	0.5505	-0.8818	0.9840	-0.5655	-0.4315	-0.3891	-0.2594	-0.3058	-0.5141
INTDLEN	-0.8598	-0.5253	0.0562	0.9759	0.5098	0.6364	0.6716	0.7667	0.7367	0.5614
INDOBL	0.5572	0.6786	-1.0000	0.7845	-0.8871	-0.8053	-0.7169	-0.6834	-0.7119	-0.8373
MMLRL	0.6848	0.9445	-0.9869	0.6733	-0.7503	-0.6909	-0.8688	-0.7529	-0.8215	-0.9299
MMOOL	0.8772	0.9998	-0.6619	0.8104	-1.0000	-0.9879	-0.9736	-0.9430	-0.9580	-0.9981
APKAN	-0.8135	-0.9504	0.9566	-0.5169	0.9927	0.9621	0.9466	0.8924	0.9168	0.9835
APKPS	-0.9308	-0.6555	0.2163	0.4367	0.6417	0.7523	0.7422	0.6601	0.8343	0.6873
BSAN	-0.7782	-0.5866	0.9534	0.5056	0.9840	0.9546	0.9205	0.8589	0.8919	0.9713
BSPS	-0.9308	-0.9942	0.8282	-0.2921	0.9921	0.9996	0.9971	0.9774	0.9865	0.9979
SVINS	0.3929	0.9999	-0.8725	0.3805	-0.9995	-0.9924	-0.9857	-0.9533	-0.9668	-0.9996
NSECV	1.0000	0.8861	-0.5581	-0.0778	-0.2716	-0.3810	-0.2527	-0.0870	-0.2791	-0.9052
PINSV	0.8861	1.0000	-0.8791	0.3932	-0.9998	-0.9907	-0.9832	-0.9491	-0.9632	-0.9991
PTLLN	-0.5481	-0.8791	1.0000	-0.7839	0.8876	0.8059	0.7775	0.5041	0.7187	0.8578
INTLN	-0.0778	0.3932	-0.7839	1.0000	-0.8097	-0.2641	-0.2190	-0.0834	-0.1316	-0.3533
NBR	-0.4776	-0.9998	0.8876	-0.8097	1.0000	0.9880	0.9798	0.9432	0.9582	0.9981
IBRL	-0.5810	-0.9907	0.8097	-0.2641	0.9880	1.0000	0.9989	0.9832	0.9909	0.9956
OBRL	-0.9557	-0.9632	0.7775	-0.2190	0.9798	0.9989	1.0000	0.9906	0.9981	0.9902
ISRW	-0.9870	-0.9491	0.6841	-0.0834	0.9432	0.9832	0.9906	1.0000	0.9988	0.9817
OBRW	-0.9781	-0.9632	0.7187	-0.1316	0.9582	0.9909	0.9981	0.9988	1.0000	0.9739
PHKL	-0.9052	-0.9991	0.8578	-0.3533	0.9981	0.9956	0.9902	0.9617	0.9739	1.0000
LEBR	-0.9374	-0.9591	0.8122	-0.2748	0.9866	0.9999	0.9984	0.9811	0.9898	0.9946
NFLOR	-0.9652	-0.9765	0.7257	-0.1897	0.9725	0.9966	0.9977	0.9977	0.9985	0.9842
CORLNL	-0.8259	-0.9150	0.9905	-0.7292	0.9830	0.8526	0.8274	0.7827	0.7743	0.8978
CORLND	-0.8205	-0.9920	0.9383	-0.5051	0.9911	0.9959	0.9924	0.9017	0.9616	0.9807
COTWD	-0.8841	-0.9971	0.9130	-0.4623	0.9983	0.9773	0.9664	0.9222	0.9398	0.9529
LCTWFA	-0.9382	-0.9918	0.8108	-0.2721	0.9893	1.0000	0.9985	0.9816	0.9887	0.9961
INFEV	-0.9953	-0.9270	0.6362	-0.0196	0.9201	0.9665	0.9798	0.9920	0.9937	0.9823
INTFL	-0.9483	-0.9693	0.8600	-0.2545	0.9841	1.0000	0.9993	0.9849	0.9921	0.9946
PHOIL	-0.8707	-0.9995	0.8890	-0.8225	0.9858	0.9789	0.9128	0.8281	0.9272	0.9972
AMBLN	-0.8853	-1.0000	0.8890	-0.3986	0.9799	0.9904	0.9829	0.9485	0.9527	0.9990
STAKOL	0.6114	-0.9082	0.9978	-0.7413	0.9159	0.8431	0.8172	0.7306	0.7608	0.8897
VANCKLN	-0.5784	-0.1388	-0.3541	0.8583	0.1165	0.2683	0.3128	0.4398	0.3958	0.1769
CRKWD	-0.8887	-0.9966	0.9156	-0.4680	0.9779	0.9760	0.9248	0.9197	0.9376	0.9921
CRKWD	-0.5778	-0.8903	0.9997	-0.7687	0.9884	0.8199	0.7924	0.7014	0.7351	0.8699
VANGS	0.1803	0.6157	-0.9168	0.9686	-0.6296	-0.5025	-0.4617	-0.1360	-0.1812	-0.5812
VANGS	-0.7261	-0.9621	0.9758	-0.6290	0.9669	0.9195	0.8563	0.8871	0.8524	0.9495
SHIL	0.1092	0.8788	-0.9981	0.8209	-0.5712	-0.7676	-0.7109	-0.6379	-0.6781	-0.8242
INHOFFID	0.9999	0.9808	-0.7092	0.2063	-0.9771	-0.9982	-0.9999	-0.9923	-0.9971	-0.9883
IBLNR	0.9202	0.9966	0.8383	-0.3186	0.9952	0.9984	0.9966	0.9711	0.9816	0.9913
OBILNR	-0.8121	-0.8875	-0.9860	-0.8763	0.7989	0.6961	0.6619	0.5531	0.5928	0.7603
ITVLNR	0.8359	0.7657	-0.1003	-0.6128	-0.6998	-0.6003	-0.6269	-0.7384	-0.7028	-0.5228
ORILNR	-0.9544	-0.8770	1.0000	-0.7866	0.8855	0.8633	0.7787	0.6809	0.7156	0.8355
CORILNR	-0.9739	-0.9681	0.7318	-0.1504	0.9635	0.9932	0.9976	0.9977	0.9998	0.9780
CORILNR	-0.9463	-0.9884	0.7860	-0.2468	0.9855	0.9929	0.9925	0.9959	0.9923	0.9940
STLLR	-0.9549	-0.7086	0.2567	0.1701	0.6958	0.7982	0.8254	0.8949	0.8722	0.7383
TFLPLR	0.9684	0.9755	-0.7527	0.1812	-0.9714	-0.9964	-0.9993	-0.9951	-0.9987	-0.9840
IBFLNR	0.9920	0.9816	-0.1235	-0.5194	-0.9920	-0.9870	-0.7801	-0.8083	-0.7788	-0.6160
LNHFLR	-0.9356	-0.9912	0.6084	-0.2682	0.9887	1.0000	0.9987	0.9824	0.9903	0.9960
ALHFLR	0.8460	0.9666	-0.9786	0.8259	-0.2980	-0.9765	-0.9654	-0.9286	-0.9385	-0.9524
LOFFCLA	-0.8716	-0.6173	0.1678	-0.4896	0.6931	0.7188	0.7504	0.6336	0.6951	0.6506

CANONICAL DISCRIMINANT ANALYSIS
BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	LBRP	HFLOF	CORLNL	CORLMD	CORTMD	LCTPFA	JWFW	INFL	FXHLL	ABOLM
VARHLEN	-0.4811	-0.3576	-0.8393	-0.6515	-0.6127	-0.4320	-0.1972	-0.4825	-0.5770	-0.5520
INTNDLN	0.6281	0.6263	0.1395	0.1137	0.4285	0.6300	0.8061	0.6450	0.4977	0.5238
LNMDRL	-0.8116	-0.7551	-0.9966	-0.9319	-0.9126	-0.8102	-0.6324	-0.7994	-0.8935	-0.8799
KXLLNL	-0.8957	-0.8516	-0.9969	-0.9784	-0.9669	-0.8947	-0.7524	-0.8854	-0.9346	-0.9451
KXMDL	-0.9895	-0.9723	-0.9233	-0.9942	-0.9583	-0.9892	-0.9198	-0.9863	-0.9999	-0.9999
APKAN	0.9651	0.9373	0.9626	0.9999	0.9981	0.9645	0.8662	0.9595	0.9993	0.9906
APKFS	0.7152	0.8028	0.2972	0.5549	0.9598	0.7468	0.8809	0.7588	0.5308	0.6291
BSAN	0.9482	0.9154	0.9768	0.9975	0.9927	0.9179	0.8356	0.9415	0.9864	0.9810
BSPS	0.9999	0.9940	0.8675	0.9747	0.9831	0.9598	0.9419	0.9992	0.9962	0.9940
SVINS	-0.9937	-0.9794	-0.9103	-0.9902	-0.9959	-0.9934	-0.9321	-0.9912	-0.9969	-0.9999
NSC2V	-0.9374	-0.9652	-0.6525	-0.8205	-0.8481	-0.9382	-0.8993	-0.9443	-0.8707	-0.8651
PINSV	-0.5921	-0.9745	-0.9159	-0.9820	-0.9471	-0.9818	-0.8670	-0.9893	-0.9295	-1.0000
FTLLN	0.8122	0.7557	0.9965	0.9323	0.9120	0.8108	0.6362	0.8000	0.8940	0.8800
INTLN	-0.2744	-0.1857	-0.7292	-0.5081	-0.5653	-0.2721	-0.0196	-0.2545	-0.4225	-0.3948
NER	0.8886	0.9725	0.9830	0.9981	0.9983	0.9893	0.9201	0.9865	0.9999	0.9999
JARIL	0.9999	0.9968	0.8528	0.9559	0.9773	1.0000	0.9695	1.0000	0.9858	0.9904
ORL	0.9984	0.9994	0.8274	0.9534	0.9664	0.9893	0.9798	0.9993	0.9769	0.9829
ISRM	0.9811	0.9947	0.7427	0.9017	0.9222	0.9816	0.9980	0.9349	0.9384	0.9485
ORRM	0.9894	0.9985	0.7743	0.9216	0.9398	0.9697	0.9937	0.9921	0.9241	0.9627
MOEL	0.9966	0.9849	0.8878	0.9857	0.9829	0.9563	0.9423	0.9946	0.9572	0.9960
LBRP	1.0000	0.9959	0.8581	0.9682	0.9795	1.0000	0.9668	0.9998	0.9875	0.9918
HFLOF	0.9959	1.0000	0.8079	0.9415	0.9771	0.9961	0.9860	0.9975	0.9691	0.9761
CORLNL	0.8581	0.8079	1.0000	0.9592	0.9839	0.8569	0.6985	0.6474	0.9263	0.9788
CORLMD	0.9682	0.9415	0.9592	1.0000	0.9987	0.9576	0.8722	0.9629	0.9555	0.9922
CORTMD	0.9795	0.9571	0.9439	0.9987	1.0000	0.9790	0.8566	0.9752	0.9990	0.9972
LCTPFA	1.0000	0.9961	0.8569	0.9676	0.9790	1.0000	0.9674	0.9998	0.9871	0.9915
JWFW	0.9665	0.9680	0.8983	0.8722	0.8956	0.9674	1.0000	0.8719	0.9145	0.9263
INFL	0.9965	0.9975	0.8874	0.9629	0.9752	0.9998	0.9719	1.0000	0.9800	0.9890
FXHLL	0.9875	0.9691	0.9283	0.9995	0.9990	0.9871	0.9145	0.9840	1.0000	0.9995
ABOLM	0.9916	0.9761	0.9166	0.9922	0.9972	0.9915	0.9063	0.9860	0.9990	1.0000
STOKLOL	0.8480	0.7972	0.9998	0.9540	0.9378	0.8475	0.6825	0.8377	0.9213	0.9093
VACHOLH	0.2580	0.3480	-0.2747	0.0082	0.0582	0.2502	0.4953	0.2776	0.1022	0.1387
CHRNND	0.6782	0.2253	0.8460	0.9900	1.0000	0.9777	0.8527	0.9717	0.9987	0.9967
CHRNND	0.8259	0.7712	0.9982	0.9907	0.9925	0.8246	0.6545	0.8761	0.9095	0.8911
VANGS	-0.5177	-0.4318	-0.8802	-0.7102	-0.6748	-0.7296	-0.7356	-0.4939	-0.6407	-0.6171
VANGS	0.9202	0.8507	0.9907	0.9808	0.9801	0.9192	0.7896	0.9119	0.9704	0.9626
SHINL	-0.7744	-0.7136	-0.5894	-0.9080	-0.8859	-0.7729	-0.5870	-0.7612	-0.8644	-0.8487
INNOFTD	-0.9875	-0.9998	-0.8500	-0.9483	-0.9530	-0.9077	-0.9063	-0.9988	-0.9740	-0.9849
IBLNR	0.9989	0.9906	0.8810	0.9788	0.9878	0.9988	0.9239	0.9978	0.9937	0.9967
OBLLR	0.7037	0.6361	0.9687	0.9590	0.8322	0.7020	0.9588	0.6889	0.8469	0.7886
INCLNR	-0.9918	-0.6627	-0.9939	-0.9714	-0.8174	-0.9537	-0.7181	-0.6083	-0.5713	-0.6841
CORLNL	0.8096	0.7526	0.9961	0.9306	0.9112	0.8082	0.6328	0.7973	0.8920	0.8779
CORLMD	0.9919	0.9994	0.7862	0.9288	0.9081	0.9928	0.9914	0.9943	0.9996	0.9977
CORLMDR	0.9996	0.9979	0.8442	0.9613	0.9738	0.9997	0.9732	1.0000	0.9830	0.9881
STBLR	0.7917	0.8441	0.8658	0.6139	0.6586	0.7932	0.9215	0.8042	0.6956	0.7076
FTLLR	-0.9958	-1.0000	-0.8051	-0.9389	-0.9593	-0.8256	-0.9868	-0.9812	-0.9679	-0.9731
INFLNR	-0.6792	-0.7432	-0.2061	-0.4742	-0.5176	-0.6810	-0.8442	-0.6942	-0.9251	-0.5801
LNFMH	1.0000	0.9968	0.9588	0.9664	0.9782	1.0000	0.9688	0.9999	0.9865	0.9810
ALFLR	-0.9787	-0.9560	-0.9452	-0.9989	-1.0000	-0.9782	-0.8938	-0.9743	-0.9968	-0.9969
LCPFLR	0.7114	0.7724	0.2496	0.5137	0.5554	0.7137	0.6673	0.7297	0.5917	0.6160

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	STMXLCL	VACHMLN	CRKMD	CRNMND	VANGS	VANGS	SHINL	MNNOFND	IBLMR	OSLMR
RACHLEN	-0.8489	0.7533	-0.6177	-0.8703	0.9958	-0.7573	0.9094	0.1771	-0.1822	-0.9180
INTNDLN	0.1218	0.9738	0.4530	0.8801	0.3171	0.2733	0.0059	-0.6811	0.5914	-0.1108
LNCHML	-0.9278	0.3551	-0.2152	-0.9927	0.9172	-0.8725	0.9981	0.1686	-0.5378	-0.9562
MXLML	-0.9954	0.1985	-0.9589	-0.9905	0.8403	-0.9983	0.9749	0.8458	-0.9154	-0.9462
MXDCL	-0.9165	-0.1157	-0.9979	-0.8987	0.6304	-0.9671	0.8576	0.9770	-0.5951	-0.7389
APKXN	0.9576	-0.0039	0.9984	0.9447	-0.7187	0.9906	-0.9130	-0.9444	0.9762	0.6651
APKPS	0.8900	0.8365	0.5907	0.2356	0.1915	0.4267	-0.1952	-0.7902	0.1136	0.0507
ESAN	0.9788	-0.0653	0.9335	0.9652	-0.7361	0.9969	-0.9333	-0.2316	0.9619	0.8230
BSPS	0.8504	0.2401	0.9819	0.8362	-0.5575	0.9272	-0.7860	-0.9961	0.9996	0.7167
SVMS	-0.9027	-0.1480	-0.9923	-0.8839	0.6048	-0.9283	0.8404	0.8834	0.9976	-0.7769
NSCIV	-0.6114	-0.5784	-0.8467	-0.5778	0.1803	-0.7621	0.2059	0.2595	-0.9202	-0.4121
PINSV	-0.9005	-0.1344	-0.9966	-0.8903	0.6157	-0.9621	0.8476	0.9808	-0.9968	0.7875
PTLLN	0.9978	0.3541	0.9156	0.9907	-0.9168	0.9758	-0.9081	-0.7693	0.8181	0.9465
ITLTLN	-0.7413	0.8783	-0.4680	-0.7687	0.9666	-0.6269	0.8209	0.2063	-0.3184	-0.8763
NBR	0.9159	0.1165	0.9979	0.8994	-0.6298	-0.9699	-0.8572	-0.9771	0.9922	0.7985
IBSL	0.8411	0.2682	0.8760	0.9199	-0.5065	0.9199	-0.7676	-0.9988	0.9945	0.6941
OSRL	0.8172	0.3128	0.9688	0.7924	-0.4617	0.8963	-0.7369	-0.9999	0.9946	0.6619
IBN	0.7306	0.4388	0.9187	0.7014	-0.3360	0.8271	-0.6375	-0.9253	0.9711	0.5331
OSRN	0.7626	0.3956	0.9376	0.7351	-0.3812	0.8534	-0.6741	-0.9971	0.9816	0.5928
PNKL	0.8897	0.1769	0.9921	0.8699	-0.5812	0.9495	-0.8242	-0.9883	0.9993	0.7503
LNIP	0.8488	0.2040	0.8702	0.9259	-0.5117	0.9202	-0.7744	-0.9975	0.9969	0.7037
INFLA	0.7972	0.3408	0.9553	0.7712	-0.4314	0.8607	-0.7126	-0.9999	0.9906	0.6161
OSRLN	0.9999	-0.2747	0.9460	0.9982	-0.8802	0.9907	-0.9894	0.8200	0.8810	0.9657
OSRLD	0.9540	0.0082	0.9990	0.9407	-0.7102	0.9888	-0.9080	-0.9483	0.9728	0.8590
OSRLD	0.9378	0.0382	1.0000	0.9225	-0.6742	0.9001	-0.8859	-0.9630	0.9870	0.8323
LOTIFA	0.8475	0.2403	0.9777	0.8266	0.5095	0.9192	-0.7769	-0.9977	0.9908	0.7020
INFT	0.6552	0.4963	0.8927	0.6505	-0.2752	0.7896	-0.5870	-0.9823	0.9539	0.4958
INFL	0.8377	0.2778	0.9737	0.8141	-0.8359	0.9119	-0.7612	-0.9968	0.9975	0.6899
PNKLN	0.9215	0.1025	0.9987	0.9405	-0.6407	0.9709	-0.8644	-0.9740	0.9937	0.8009
AMKLN	0.9093	0.1327	0.9967	0.8911	-0.6171	0.9626	-0.8467	-0.9405	0.9967	0.7886
STMXLCL	1.0000	-0.2919	0.9487	0.9991	-0.8886	0.9880	-0.9056	0.8164	0.9730	0.8124
VACHMLN	-0.2919	1.0000	0.0517	-0.3316	0.6981	-0.1409	0.4115	-0.1251	0.2129	-0.5049
CRKMD	0.9400	0.0519	1.0000	0.9250	-0.6786	0.9874	-0.8888	-0.9613	0.9868	0.8758
CRNMND	0.9991	-0.1316	0.9250	1.0000	0.9670	0.9607	-0.9963	0.7844	0.8212	0.9418
VANGS	-0.6786	0.6981	-0.6786	-0.9670	1.0000	0.8072	0.9399	0.4502	-0.5509	-0.9705
CRKMD	0.9886	-0.1409	0.9814	0.9807	-0.8072	1.0000	-0.9663	0.9908	0.9573	0.9257
SHINL	-0.9716	0.4115	-0.8888	-0.9963	0.9399	-0.9603	1.0000	0.7261	-0.8029	-0.9945
MNNOFND	-0.6026	-0.3257	-0.9613	-0.7844	0.4502	-0.8994	0.7261	1.0000	-0.9932	-0.6922
IBLMR	0.1726	0.2129	0.9668	0.8512	-0.5509	0.9374	-0.8029	-0.9932	1.0000	0.7199
OSLMR	0.9730	-0.5049	0.8338	0.9818	-0.9705	0.9257	-0.9945	-0.6522	0.7339	1.0000
INFLMR	-0.0761	-0.9315	-0.4116	-0.0341	-0.3698	-0.2289	-0.0518	0.6468	-0.2538	0.1568
OSLMR	0.9723	-0.3582	0.9138	0.9996	-0.9188	0.9748	-0.9963	0.1665	0.8359	0.9668
OSLMR	0.7750	0.3783	0.9481	0.7479	-0.3987	0.8631	-0.6880	-0.9984	0.9850	0.6080
OSLMR	0.8345	0.2835	0.9724	0.8707	-0.4487	0.9094	-0.7573	0.9990	0.9973	0.6846
STLLR	0.3901	0.7944	0.6478	0.1095	0.1197	0.8094	-0.2256	-0.8326	0.7626	0.1232
ITFLPLR	-0.7943	-0.3992	-0.9539	-0.7683	0.4272	-0.8785	0.7103	0.9997	-0.9999	-0.6325
INFLMR	-0.1885	-0.8843	-0.5122	-0.1713	-0.2639	-0.3376	0.0616	0.7590	-0.6445	0.0434
LNMR	0.8454	0.2682	0.9769	0.8223	-0.5062	0.9176	-0.7703	-0.9980	0.9985	0.6991
ALPFLR	-0.2392	-0.0345	-1.0000	-0.9246	0.6771	-0.9809	0.8877	0.9619	-0.9872	-0.8448
LOPFLR	0.2322	0.8625	0.5501	0.1914	0.2398	0.3794	-0.1062	-0.7589	0.6791	0.0013

CANONICAL DISCRIMINANT ANALYSIS

BETWEEN-CLASS CORRELATION MATRIX

VARIABLE	INVLWR	CRLLWR	CORLWR	CORLWR	STLLWR	TLFLWR	INFLWR	LRNPHR	ALFMR	LCPPCLR
RACHLER	-0.4624	-0.8839	-0.3239	-0.4171	0.1989	0.3533	-0.3590	-0.4353	0.6159	0.3169
INTOLN	-0.3989	0.0518	0.7216	0.6486	0.4726	-0.6997	-0.9977	0.6331	-0.4951	0.9937
LRMDRL	0.0093	-1.0000	-0.7310	-0.7958	-0.3857	0.7520	0.1225	-0.8078	0.9147	-0.1668
PKLML	0.1717	-0.9862	-0.6352	-0.8836	-0.4376	0.6491	0.2821	-0.8929	0.9679	-0.3247
MUDEL	0.4601	-0.8659	-0.3633	-0.3823	-0.6826	0.9112	0.5561	-0.9886	0.9001	-0.6028
APKAR	-0.3601	0.9130	0.9242	0.9579	0.6043	-0.7337	-0.4635	0.9634	-0.9983	0.5026
APKPS	-0.9783	0.8130	0.8217	0.7687	0.9874	-0.8056	-0.9956	0.7495	-0.9966	0.9988
BSAN	-0.3050	0.9541	0.9503	0.9354	0.5567	-0.9135	-0.4109	0.9461	-0.9912	0.4513
BSPS	-0.27	0.8201	0.9894	0.9990	0.1803	-0.9915	-0.6656	0.9997	-0.9824	0.6983
SVLW	-0.8471	-0.8702	-0.7715	-0.9909	-0.7183	0.9784	0.5027	-0.9910	-0.9964	-0.6281
NSECV	0.8555	-0.9544	-0.9724	-0.9463	-0.9549	0.8664	0.8928	-0.9356	0.8460	-0.9716
PISEV	0.8857	-0.9770	-0.9681	-0.9864	-0.7096	0.9755	0.9816	-0.9912	0.9968	-0.6173
PTLLN	-0.0153	1.0000	0.7316	0.7964	0.2667	-0.7527	-0.1235	0.8088	-0.9166	0.1678
INTLN	-0.6128	-0.7866	-0.1504	-0.2488	0.3701	0.1812	-0.5196	-0.2662	0.4659	0.4606
NR	-0.6098	0.8855	0.9635	0.9855	0.4928	-0.9718	-0.5668	0.2667	-0.9968	0.6231
IBNL	-0.6003	0.8013	0.9932	0.9999	0.7182	-0.9964	-0.6870	1.0000	-0.9765	0.7188
QDRL	-0.6369	0.7747	0.9976	0.9995	0.8754	-0.9993	-0.7201	0.9987	-0.9654	0.7504
IBRN	-0.7364	0.6609	0.9977	0.9859	0.3349	-0.9951	-0.8083	0.9824	-0.9206	0.6338
OBRN	-0.7028	0.7156	0.9998	0.9929	0.8722	-0.9987	-0.7768	0.9907	-0.9385	0.8061
PKL	-0.5223	0.8555	0.9780	0.9940	0.7363	-0.9810	-0.6160	0.9968	-0.9924	0.6506
LSRP	-0.5918	0.8096	0.9916	0.9996	0.7917	-0.9954	-0.6792	1.0000	-0.9787	0.7114
WFLWR	-0.6667	0.7529	0.9994	0.9979	0.8841	-1.0000	-0.7432	0.9964	-0.9560	0.7728
CORLNR	-0.0939	0.9961	0.7862	0.8442	0.3528	-0.8051	-0.2061	0.8588	-0.9452	0.2496
CORLMD	-0.3714	0.9206	0.9288	0.9613	0.6139	-0.9359	-0.4702	0.9666	-0.9989	0.5131
CORTHD	-0.8178	0.9112	0.9461	0.9738	0.6526	-0.9728	-0.5175	0.9782	-1.0000	0.5554
LCPPFA	-0.5937	0.8082	0.9922	0.9997	0.7932	-0.9956	-0.6810	1.0000	-0.9782	0.7131
INFL	-0.7781	0.6328	0.9914	0.9732	0.9215	-0.9966	-0.6842	0.9689	-0.9318	0.8573
INFL	-0.6023	0.7973	0.9943	1.0000	0.8042	-0.9912	-0.6942	0.9999	-0.9743	0.7257
PKLNL	-0.4573	0.8920	0.9596	0.9830	0.6856	-0.9679	-0.5551	0.9865	-0.9988	0.5917
AKOLN	-0.4841	0.8779	0.9681	0.9774	0.7074	-0.9751	-0.5801	0.9710	-0.9629	0.6160
STMKLOL	-0.0761	0.9975	0.7750	0.8345	0.3497	-0.7943	-0.1889	0.8454	-0.9392	0.2322
VACKLNL	-0.9115	-0.3582	0.7311	0.2835	0.7944	-0.3492	-0.8613	0.2642	-0.9543	0.8655
GRMDMD	-0.4116	0.9138	0.9441	0.9724	0.6478	-0.9539	-0.5122	0.9769	-1.0000	0.5501
CRMDMD	-0.0343	0.9996	0.7479	0.8107	0.3096	-0.7683	-0.1473	0.8253	-0.9240	0.1914
VANDS	-0.3898	-0.9186	-0.1967	-0.0687	0.7177	0.4672	-0.2630	0.5062	0.4771	0.2398
VANDS	-0.2289	0.9748	0.8531	0.9094	0.8894	-0.8789	-0.3176	0.9176	-0.9809	0.1798
SVLNL	-0.6518	-0.9983	-0.6880	-0.7565	-0.2856	0.7103	-0.0616	-0.7713	0.8877	-0.1068
NMDMD	0.6468	-0.7565	-0.9990	-0.9990	-0.8326	-0.9997	0.7290	-0.9980	0.9619	-0.7989
IBLLR	-0.5538	0.8359	0.9820	0.9973	0.7626	-0.9899	-0.6445	0.9986	-0.9872	0.6781
QDRLR	-0.1543	0.9866	0.6080	0.6846	0.1232	-0.6325	0.0434	0.6991	-0.6849	0.0713
INVLWR	0.1040	-0.0059	-0.6891	-0.6129	-0.9609	0.2869	0.9936	-0.9569	0.9138	-0.9675
CRLLWR	-0.0050	0.7287	0.7937	0.8265	0.2825	-0.9898	0.1911	0.8058	-0.9128	0.1634
CORLWR	-0.6491	0.7287	1.0000	0.9950	0.8627	-0.9995	-0.7667	0.9927	-0.9449	0.7947
CORLWR	-0.6129	0.7237	0.9950	1.0000	0.8077	-0.9976	-0.6985	0.9996	-0.9729	0.7598
STLLWR	-0.9009	0.2825	0.6687	0.6217	1.0000	-0.8663	-0.7461	0.7937	-0.6896	0.5325
TLFLWR	0.6661	-0.7499	-0.9995	-0.9976	-0.8465	1.0000	0.7463	-0.9960	0.9546	-0.7753
INFLWR	-0.9561	-0.7597	-0.9995	-0.9961	-0.9861	0.7463	1.0000	-0.9960	0.9546	-0.7753
LRNPHR	-0.5969	0.8058	0.9927	0.9998	0.7957	-0.9960	-0.6839	1.0000	-0.9774	0.7159
ALFMR	0.4138	-0.5128	-0.9449	-0.9729	-0.6496	0.2946	0.5142	-0.9774	1.0000	-0.5581
LCPPCLR	-0.9973	0.1634	0.1947	0.7298	0.9925	-0.7753	-0.9990	0.7159	-0.5581	1.0000

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