

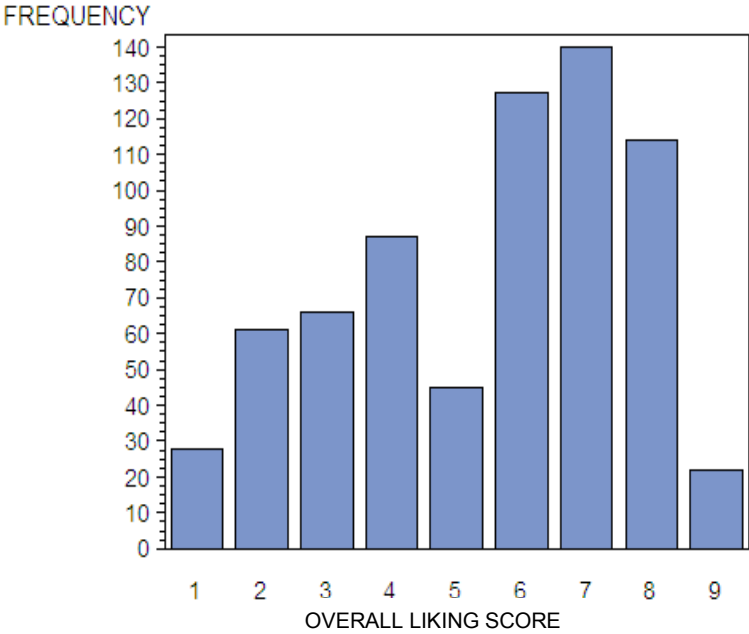
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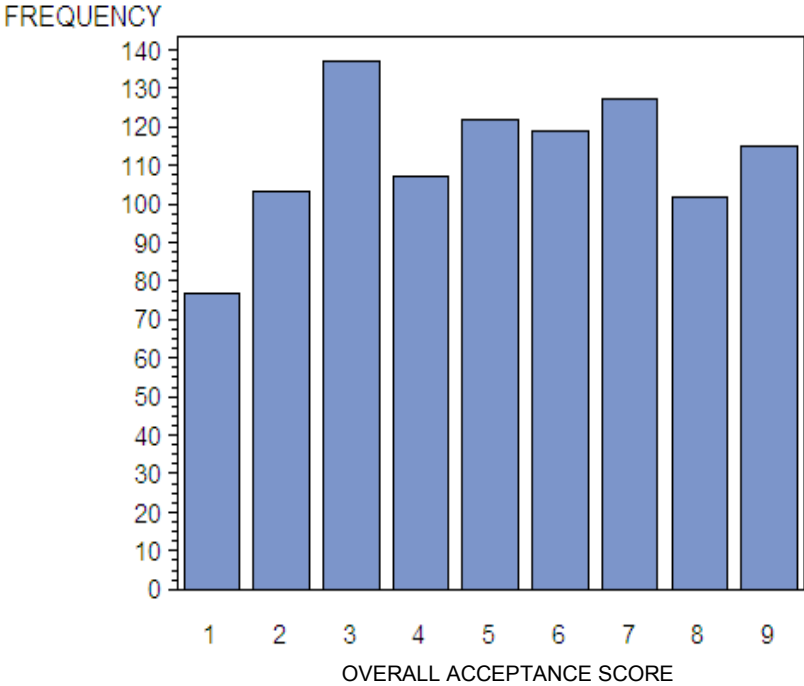
Supplementary Results for Chapter 2

Supplementary Results for Chapter 2A- Overall Liking Score Distribution of Consumer Data

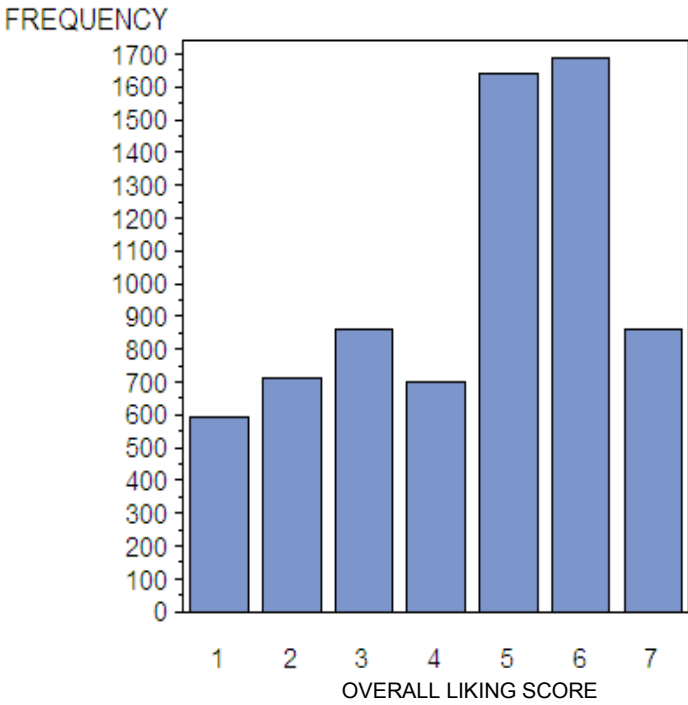
The Milk Study Histogram



The Paint Study Histogram



The Fragrance Study Histogram



Supplementary Results for Chapter 2B- Coordinates of Descriptive Attributes, Samples and Consumer-mean-liking Vector (or individual Consumers' Vectors) on Components 1 and 2

The Milk Study Coordinates

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified-PREFMAP		CVA		SAS PLS1		XLSTAT PLS1		Unscrambler PLS1	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Color			-0.979	0.209	-0.993	0.172	1.000	0.223	-0.950	0.349	-0.930	0.339	-0.930	0.339
Chalky			-0.485	1.000	-0.506	1.000	-0.109	0.284	-0.865	-0.498	-0.847	-0.484	-0.847	-0.484
FatFeel			0.929	0.245	0.939	0.317	-0.211	0.468	0.703	-0.655	0.688	-0.636	0.688	-0.636
Viscosity			0.965	0.237	0.952	0.260	-0.300	-0.395	0.748	-0.633	0.732	-0.615	0.732	-0.615
Cooked			0.386	0.934	0.325	0.875	-0.083	0.406	-0.053	-0.848	-0.052	-0.823	-0.052	-0.823
OverallDairyF			1.000	-0.011	1.000	0.033	-0.141	-0.145	0.883	-0.516	0.864	-0.501	0.864	-0.501
DairyFatF			0.987	0.163	0.989	0.219	-0.440	-0.080	0.793	-0.633	0.776	-0.615	0.776	-0.615
DairySweet			0.956	0.308	0.954	0.367	0.009	0.505	0.702	-0.743	0.687	-0.722	0.687	-0.722
Grainy			-0.952	0.298	-0.966	0.238	0.028	0.043	-0.962	0.289	-0.942	0.281	-0.942	0.281
LackofFreshness			-0.610	0.894	-0.623	0.916	0.120	0.781	-0.935	-0.399	-0.915	-0.388	-0.915	-0.388
LightOxidized			-0.796	0.505	-0.785	0.554	-0.300	-0.064	-0.933	0.016	-0.913	0.016	-0.913	0.016
Processed			-0.809	0.646	-0.825	0.667	0.344	0.225	-1.000	-0.096	-0.979	-0.093	-0.979	-0.093
OverallSweetF			0.736	0.736	0.722	0.816	-0.068	0.523	0.318	-0.964	0.311	-0.937	0.311	-0.937
Sweet			0.562	0.903	0.549	0.990	0.318	0.219	0.089	-1.000	0.088	-0.972	0.088	-0.972
Sour			0.271	0.979	0.235	0.913	-0.038	0.278	-0.179	-0.862	-0.176	-0.838	-0.176	-0.838
Astringent			-0.494	0.584	-0.527	0.533	0.091	0.061	-0.679	-0.069	-0.664	-0.067	-0.664	-0.067
OverallDairyAT			0.988	-0.051	0.999	-0.005	-0.215	-0.279	0.888	-0.459	0.869	-0.446	0.869	-0.446
DairyFatAT			0.891	0.027	0.859	-0.015	0.127	-0.105	0.787	-0.392	0.770	-0.381	0.770	-0.381
OverallSweetAT			0.711	0.761	0.682	0.828	-0.017	1.000	0.289	-0.949	0.283	-0.922	0.283	-0.922
OverallSour			-0.201	-0.185	-0.130	-0.010	0.106	-0.053	-0.129	0.127	-0.127	0.123	-0.127	0.123
Mean liking			0.497	-0.792					0.596	0.772	0.772	0.419	0.772	0.419
LFA0	-1.000	-0.128	-1.000	0.864	-1.000	1.000	1.000	0.911	-1.000	-0.182	-0.819	-0.123	-1.000	-0.182
LFA2	-0.195	0.390	0.442	0.688	0.367	0.743	-0.246	0.870	0.099	-0.640	0.081	-0.432	0.099	-0.640
LFA3	-0.534	0.093	0.679	0.996	0.689	0.831	-0.683	0.894	0.175	-0.942	0.143	-0.635	0.175	-0.942
REG0	0.477	0.336	-0.883	-0.672	-0.969	-0.928	0.920	-1.000	-0.377	1.000	-0.308	0.674	-0.377	1.000
REG2	0.419	-1.000	0.343	-1.000	0.415	-0.909	-0.411	-0.818	0.542	0.288	0.444	0.194	0.542	0.288
REG3	0.833	0.308	0.419	-0.876	0.498	-0.736	-0.580	-0.858	0.560	0.476	0.458	0.321	0.560	0.476
C1	1.000	0.003			0.161	-0.908	-0.248	-0.976						
C2	0.723	-0.529			0.278	-0.435	-0.367	-0.437						
C3	-0.625	0.626			0.074	0.711	-0.081	0.717						
C4	-0.422	0.575			0.260	0.564	-0.301	0.595						
C5	0.321	-0.542			0.501	-0.428	0.063	-0.329						
C6	0.572	-0.389			0.462	-0.328	-0.583	-0.302						
C7	-0.446	0.492			0.059	0.183	-0.420	0.200						
C8	0.033	-0.339			0.034	0.014	-0.036	0.016						
C9	-0.492	0.404			-0.593	0.335	0.517	0.279						
C10	0.590	0.243			-0.326	-0.027	-0.327	-0.128						
C11	0.300	-0.172			0.231	-0.089	-0.287	-0.062						
C12	0.099	0.538			0.262	0.126	-0.325	0.135						
C13	0.198	-0.599			0.266	-0.089	-0.220	-0.192						
C14	-0.424	-0.375			-0.487	0.403	0.563	0.268						
C15	-0.105	0.550			0.201	0.197	-0.249	0.202						

Grey shaded boxes represent non-applicable co-ordinate values
 1 represents component 1
 2 represents component 2

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		XLSTAT PLS1		Unscrambler PLS1	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C16	0.445	-0.558			-0.101	-0.440	0.075	-0.615						
C17	-0.661	-0.416			0.297	0.458	-0.243	0.485						
C18	0.780	0.004			0.129	-0.350	-0.156	-0.335						
C19	0.706	-0.481			0.166	-0.685	-0.256	-0.747						
C20	0.188	0.242			0.147	0.054	-0.260	0.073						
C21	0.874	-0.115			-0.066	-0.432	0.059	-0.466						
C22	0.783	-0.539			0.308	-0.788	-0.429	-0.820						
C23	-0.288	-0.555			0.704	0.131	-0.358	0.223						
C24	0.718	-0.532			-0.144	-0.785	0.138	-0.844						
C25	0.741	-0.330			0.142	-0.286	-0.194	-0.309						
C26	0.784	-0.430			0.425	-0.826	-0.571	-0.867						
C27	0.970	-0.103			-0.505	-0.747	0.363	-0.867						
C28	0.426	0.041			0.284	-0.088	-0.349	-0.062						
C29	0.640	-0.049			0.191	-0.285	-0.241	-0.268						
C30	0.242	0.178			0.265	0.008	-0.609	-0.010						
C31	-0.520	0.450			0.311	0.735	-0.346	0.795						
C32	0.627	0.532			-0.024	-0.209	0.034	-0.214						
C33	0.733	-0.221			0.328	-0.467	-0.426	-0.490						
C34	0.551	-0.614			0.204	-0.338	-0.199	-0.448						
C35	0.415	-0.244			0.011	-0.256	-0.050	-0.309						
C36	0.580	-0.015			0.202	-0.310	-0.240	-0.274						
C37	0.820	-0.562			0.073	-0.951	-0.114	-0.970						
C38	0.919	-0.300			0.075	-0.247	-0.099	-0.255						
C39	0.064	-0.301			0.210	0.042	-0.247	0.076						
C40	-0.110	0.158			-0.413	-0.052	0.476	-0.138						
C41	0.259	-0.627			0.035	-0.301	-0.072	-0.347						
C42	-0.567	-0.492			-0.088	0.190	0.128	0.208						
C43	0.680	-0.080			1.032	-0.716	-0.401	-0.587						
C44	0.151	0.823			0.058	0.046	-0.063	0.057						
C45	0.341	0.470			-0.077	-0.140	0.064	-0.199						
C46	0.565	-0.257			0.004	-0.358	0.003	-0.339						
C47	-0.217	-0.142			-0.103	0.012	0.128	0.001						
C48	0.634	0.405			0.182	-0.160	-0.310	-0.130						
C49	0.189	0.530			-0.214	-0.142	0.227	-0.213						
C50	-0.564	0.815			-0.206	0.525	0.256	0.499						
C51	-0.511	0.509			-0.206	0.511	0.237	0.456						
C52	-0.173	-0.858			-0.455	0.293	-0.085	0.105						
C53	0.949	-0.076			-0.167	-0.440	0.088	-0.492						
C54	0.797	-0.153			0.313	-0.475	-0.424	-0.503						
C55	-0.353	0.472			-0.188	0.038	0.323	0.047						
C56	0.534	0.867			0.085	-0.263	-0.127	-0.300						
C57	0.120	0.611			0.431	0.239	-0.521	0.267						
C58	0.753	0.012			-0.147	-0.585	0.135	-0.662						
C59	0.682	0.687			-0.116	-0.527	0.097	-0.620						
C60	0.319	0.502			0.406	0.036	-0.496	0.066						
C61	0.877	0.277			-0.091	-0.892	0.048	-1.000						
C62	0.557	0.553			-0.535	-0.011	-0.004	-0.137						
C63	-0.397	0.934			-0.042	0.325	0.055	0.313						
C64	0.218	0.209			-0.535	-0.401	0.598	-0.540						
C65	0.166	0.560			-0.034	-0.047	-0.347	-0.104						
C66	0.031	-0.734			0.124	-0.220	-0.161	-0.185						
C67	0.636	0.820			-0.493	-0.319	0.002	-0.360						
C68	0.646	0.727			0.088	-0.333	-0.110	-0.356						
C69	0.543	0.836			-0.778	-0.359	0.187	-0.435						
C70	0.838	0.092			0.291	-0.330	-0.366	-0.322						
C71	-0.419	-0.740			-0.331	0.328	-0.005	0.218						
C72	0.447	-0.105			0.381	-0.146	-0.477	-0.119						
C73	0.772	0.555			0.004	-0.601	-0.015	-0.630						
C74	0.786	-0.457			0.002	-0.588	-0.033	-0.637						
C75	0.136	-0.137			0.787	-0.170	-0.765	-0.093						
C76	-0.674	-0.369			0.187	0.447	-0.211	0.488						
C77	-0.719	0.569			-0.021	0.651	0.033	0.651						
C78	0.543	0.399			-0.097	-0.330	0.076	-0.403						
C79	0.558	-0.739			0.179	-0.240	-0.233	-0.240						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		XLSTAT PLS1		Unscrambler PLS1	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C80	0.625	0.805			-1.000	-0.470	0.024	-0.578						
C81	0.927	-0.397			-0.118	-0.513	0.136	-0.569						
C82	-0.218	-0.403			0.379	0.251	-1.000	0.070						
C83	0.574	-0.357			0.438	-0.245	-0.393	-0.204						
C84	-0.057	0.611			-0.185	0.060	-0.728	-0.091						
C85	0.856	0.297			-0.706	-0.403	-0.280	-0.602						
C86	0.947	-0.332			0.218	-0.637	-0.008	-0.623						
C87	0.954	-0.355			0.240	-0.918	-0.336	-0.960						
C88	0.329	0.858			0.250	-0.026	-0.320	-0.032						
C89	0.723	0.128			0.061	-0.071	-0.076	-0.067						
C90	0.951	-0.231			0.039	-0.698	-0.072	-0.725						
C91	0.916	-0.158			0.192	-0.756	-0.277	-0.787						
C92	-0.303	1.000			-0.082	0.184	0.125	0.240						
C93	0.886	-0.478			0.166	-0.638	-0.225	-0.646						
C94	0.130	0.297			0.184	0.073	-0.228	0.077						
C95	0.655	-0.148			0.387	-0.251	-0.487	-0.240						
C96	-0.181	0.927			-0.166	0.147	0.195	0.110						
C97	0.019	0.606			0.036	0.239	-0.362	0.263						
C98	0.952	-0.055			-0.397	-0.447	-0.191	-0.583						
C99	-0.105	0.182			0.226	0.244	-0.401	0.276						
C100	0.694	0.736			-0.707	-0.480	0.080	-0.562						
C101	-0.087	0.699			0.122	0.158	-0.134	0.186						
C102	0.645	0.499			-0.604	-0.056	-0.174	-0.207						
C103	0.266	-0.118			0.327	0.004	-0.390	0.029						
C104	0.507	0.498			0.341	-0.109	-0.437	-0.123						
C105	0.892	-0.029			-0.140	-0.793	0.131	-0.863						
C106	0.581	0.140			0.286	-0.225	-0.356	-0.202						
C107	0.049	-0.735			-0.100	-0.105	0.115	-0.122						
C108	0.815	0.529			-0.768	-0.464	-0.115	-0.608						
C109	0.945	-0.324			0.140	-0.573	-0.194	-0.586						
C110	-0.141	1.000			-0.071	0.206	0.081	0.177						
C111	0.091	0.358			0.496	0.187	-0.619	0.210						
C112	0.355	0.880			0.211	-0.160	-0.084	-0.081						
C113	0.879	-0.124			0.606	-1.000	-0.546	-0.951						
C114	-0.351	0.484			-0.163	0.213	0.204	0.222						
C115	-0.329	-0.405			-0.110	0.103	0.135	0.085						

Descriptors/Mean acceptable/Product/ Consumer id	Unscrambler PLS1 (passified)		SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Color	-0.930	0.339	-1.000	-0.056	-0.987	-0.048	-0.987	-0.048	-0.987	-0.048	1.000	0.448	0.987	0.203
Chalky	-0.847	-0.484	-0.603	-0.930	-0.595	-0.795	-0.595	-0.795	-0.595	-0.795	0.297	0.897	0.485	0.945
FatFeel	0.688	-0.636	0.889	-0.406	0.878	-0.348	0.878	-0.348	0.878	-0.348	-0.736	0.241	-0.946	0.210
Viscosity	0.732	-0.615	0.930	-0.400	0.918	-0.343	0.918	-0.343	0.918	-0.343	-0.802	0.190	-0.966	0.254
Cooked	-0.052	-0.823	0.284	-0.985	0.280	-0.842	0.280	-0.842	0.280	-0.842	-0.110	0.862	-0.354	1.000
OverallDairyF	0.864	-0.501	1.000	-0.138	0.987	-0.118	0.987	-0.118	0.987	-0.118	-0.945	-0.086	-0.995	0.021
DairyFatF	0.776	-0.615	0.963	-0.319	0.950	-0.273	0.950	-0.273	0.950	-0.273	-0.923	0.207	-0.990	0.167
DairySweet	0.687	-0.722	0.918	-0.450	0.906	-0.385	0.906	-0.385	0.906	-0.385	-0.780	0.448	-0.953	0.318
Grainy	-0.942	0.281	-0.984	-0.155	-0.972	-0.132	-0.972	-0.132	-0.972	-0.132	0.407	0.155	0.953	0.271
LackofFreshness	-0.915	-0.388	-0.711	-0.790	-0.702	-0.676	-0.702	-0.676	-0.702	-0.676	0.440	0.534	0.615	0.843
LightOxidized	-0.913	0.016	-0.865	-0.403	-0.854	-0.345	-0.854	-0.345	-0.854	-0.345	0.527	0.155	0.775	0.405
Processed	-0.979	-0.093	-0.883	-0.518	-0.872	-0.444	-0.872	-0.444	-0.872	-0.444	0.725	0.483	0.817	0.618
OverallSweetF	0.311	-0.937	0.648	-0.842	0.640	-0.721	0.640	-0.721	0.640	-0.721	-0.560	0.931	-0.726	0.737
Sweet	0.088	-0.972	0.453	-0.988	0.447	-0.845	0.447	-0.845	0.447	-0.845	-0.385	1.000	-0.558	0.879
Sour	-0.176	-0.838	0.166	-1.000	0.164	-0.856	0.164	-0.856	0.164	-0.856	0.088	0.362	-0.255	0.982
Astringent	-0.664	-0.067	-0.575	-0.555	-0.567	-0.474	-0.567	-0.474	-0.567	-0.474	0.286	0.172	0.484	0.552
OverallDairyAT	0.869	-0.446	0.987	-0.112	0.974	-0.096	0.974	-0.096	0.974	-0.096	-0.747	-0.155	-1.000	-0.057
DairyFatAT	0.770	-0.381	0.884	-0.179	0.873	-0.153	0.873	-0.153	0.873	-0.153	-0.659	0.138	-0.880	0.097
OverallSweetAT	0.283	-0.922	0.621	-0.866	0.613	-0.741	0.613	-0.741	0.613	-0.741	-0.462	0.897	-0.692	0.795
OverallSour	-0.127	0.123	-0.192	0.206	-0.190	0.176	-0.190	0.176	-0.190	0.176	0.319	0.259	0.159	-0.320
Mean liking	0.772	0.419												
LFA0	-0.819	-0.123	-1.000	-0.637	-0.725	-0.361	-1.000	-0.637	-0.725	-0.361	1.000	0.657	1.000	0.661
LFA2	0.081	-0.432	0.339	-0.691	0.246	-0.391	0.339	-0.691	0.246	-0.391	-0.377	0.896	-0.379	0.894
LFA3	0.143	-0.635	0.529	-1.000	0.383	-0.566	0.529	-1.000	0.383	-0.566	-0.712	0.910	-0.710	0.910
REG0	-0.308	0.674	-0.724	0.757	-0.524	0.429	-0.724	0.757	-0.524	0.429	0.938	-0.537	0.938	-0.535
REG2	0.444	0.194	0.431	0.944	0.312	0.535	0.431	0.944	0.312	0.535	-0.336	-0.925	-0.336	-0.930
REG3	0.458	0.321	0.425	0.627	0.308	0.355	0.425	0.627	0.308	0.355	-0.521	-1.000	-0.514	-1.000
C1			0.331	0.879	0.308	0.854	0.308	0.854	0.308	0.854	-0.101	-0.955	-0.101	-0.954
C2			0.735	0.643	0.685	0.624	0.685	0.624	0.685	0.624	-0.171	-0.460	-0.172	-0.460
C3			0.009	-0.868	0.008	-0.843	0.008	-0.843	0.008	-0.843	-0.061	0.660	-0.062	0.660
C4			0.416	-0.807	0.388	-0.784	0.388	-0.784	0.388	-0.784	-0.175	0.529	-0.178	0.529
C5			-0.154	0.594	-0.144	0.577	-0.144	0.577	-0.144	0.577	0.049	-0.288	0.050	-0.288
C6			0.973	0.342	0.907	0.332	0.907	0.332	0.907	0.332	-0.288	-0.333	-0.292	-0.334
C7			0.202	-0.713	0.189	-0.692	0.189	-0.692	0.189	-0.692	-0.192	0.107	-0.198	0.103
C8			0.120	0.112	0.112	0.109	0.112	0.109	0.112	0.109	0.477	0.161	0.474	0.166
C9			-0.428	-0.487	-0.399	-0.473	-0.399	-0.473	-0.399	-0.473	0.243	0.379	0.252	0.385
C10			0.779	0.190	0.726	0.185	0.726	0.185	0.726	0.185	-0.175	-0.118	-0.178	-0.119
C11			0.833	0.039	0.776	0.038	0.776	0.038	0.776	0.038	-0.146	-0.032	-0.148	-0.033
C12			0.746	-0.395	0.696	-0.384	0.696	-0.384	0.696	-0.384	-0.173	0.115	-0.175	0.115
C13			0.593	0.196	0.553	0.190	0.553	0.190	0.553	0.190	-0.162	-0.237	-0.163	-0.238
C14			0.123	-0.340	0.115	-0.331	0.115	-0.331	0.115	-0.331	-0.028	0.203	-0.029	0.202
C15			0.585	-0.542	0.545	-0.526	0.545	-0.526	0.545	-0.526	-0.134	0.165	-0.135	0.165
C16			-0.206	0.746	-0.192	0.725	-0.192	0.725	-0.192	0.725	0.072	-0.583	0.073	-0.582
C17			0.445	-0.685	0.415	-0.666	0.415	-0.666	0.415	-0.666	-0.133	0.383	-0.136	0.382
C18			0.499	0.583	0.465	0.566	0.465	0.566	0.465	0.566	-0.080	-0.261	-0.082	-0.262
C19			0.296	0.782	0.276	0.760	0.276	0.760	0.276	0.760	-0.096	-0.863	-0.096	-0.862
C20			0.974	-0.286	0.908	-0.278	0.908	-0.278	0.908	-0.278	-0.138	0.052	-0.140	0.051
C21			-0.110	0.969	-0.102	0.942	-0.102	0.942	-0.102	0.942	0.043	-0.413	0.044	-0.413
C22			0.540	0.784	0.504	0.762	0.504	0.762	0.504	0.762	-0.186	-0.860	-0.187	-0.860
C23			0.702	-0.355	0.654	-0.345	0.654	-0.345	0.654	-0.345	-0.182	0.148	-0.185	0.147
C24			-0.165	0.992	-0.154	0.964	-0.154	0.964	-0.154	0.964	0.102	-0.827	0.104	-0.826
C25			0.510	0.675	0.476	0.656	0.476	0.656	0.476	0.656	0.138	-0.292	0.131	-0.291
C26			0.591	0.723	0.551	0.702	0.551	0.702	0.551	0.702	-0.259	-1.000	-0.261	-1.000
C27			0.400	0.858	0.373	0.833	0.373	0.833	0.373	0.833	-0.114	-0.856	-0.115	-0.857
C28			0.979	0.027	0.913	0.026	0.913	0.026	0.913	0.026	-0.181	-0.040	-0.465	-0.150
C29			0.663	0.401	0.618	0.390	0.618	0.390	0.618	0.390	-0.632	-0.371	-0.625	-0.375
C30			0.843	-0.151	0.786	-0.146	0.786	-0.146	0.786	-0.146	-0.325	-0.127	-0.333	-0.131
C31			0.427	-0.865	0.398	-0.840	0.398	-0.840	0.398	-0.840	-0.206	0.714	-0.210	0.712

Descriptors/Mean acceptable/Product/ Consumer id	Unscrambler PLS1 (passified)		SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C32			0.029	0.414	0.027	0.402	0.027	0.402	0.027	0.402	0.012	-0.140	0.012	-0.140
C33			0.621	0.579	0.579	0.563	0.579	0.563	0.579	0.563	-0.203	-0.599	-0.205	-0.599
C34			0.503	0.594	0.469	0.577	0.469	0.577	0.469	0.577	-0.122	-0.464	-0.123	-0.464
C35			0.005	0.517	0.005	0.502	0.005	0.502	0.005	0.502	0.155	-0.389	0.145	-0.390
C36			0.584	0.355	0.545	0.345	0.545	0.345	0.545	0.345	-0.604	-0.281	-0.592	-0.283
C37			0.224	0.949	0.209	0.922	0.209	0.922	0.209	0.922	-0.032	-0.931	-0.032	-0.931
C38			0.471	0.854	0.439	0.829	0.439	0.829	0.439	0.829	0.031	-0.213	0.034	-0.211
C39			0.975	-0.210	0.909	-0.204	0.909	-0.204	0.909	-0.204	-0.131	0.057	-0.133	0.057
C40			-0.846	0.169	-0.789	0.164	-0.789	0.164	-0.789	0.164	0.258	-0.168	0.263	-0.166
C41			0.034	0.489	0.032	0.475	0.032	0.475	0.032	0.475	-0.010	-0.530	-0.010	-0.529
C42			-0.349	-0.252	-0.325	-0.245	-0.325	-0.245	-0.325	-0.245	0.062	0.145	0.062	0.144
C43			0.553	0.503	0.515	0.489	0.515	0.489	0.515	0.489	-1.000	-0.913	-1.000	-0.923
C44			0.383	-0.315	0.357	-0.306	0.357	-0.306	0.357	-0.306	-0.041	0.088	-0.041	0.088
C45			-0.255	0.274	-0.238	0.267	-0.238	0.267	-0.238	0.267	0.042	-0.216	0.044	-0.214
C46			0.147	0.602	0.137	0.585	0.137	0.585	0.137	0.585	-0.261	-0.264	-0.243	-0.262
C47			-0.767	0.136	-0.715	0.133	-0.715	0.133	-0.715	0.133	0.284	0.073	0.283	0.075
C48			0.864	0.146	0.805	0.142	0.805	0.142	0.805	0.142	-0.161	-0.114	-0.163	-0.115
C49			-0.542	0.211	-0.506	0.205	-0.506	0.205	-0.506	0.205	0.127	-0.178	0.129	-0.177
C50			-0.475	-0.687	-0.443	-0.668	-0.443	-0.668	-0.443	-0.668	0.115	0.519	0.117	0.520
C51			-0.451	-0.524	-0.420	-0.509	-0.420	-0.509	-0.420	-0.509	0.118	0.370	0.120	0.371
C52			0.159	0.083	0.149	0.081	0.149	0.081	0.149	0.081	-0.042	-0.027	-0.043	-0.029
C53			0.613	0.741	0.572	0.720	0.572	0.720	0.572	0.720	-0.134	-0.483	-0.135	-0.483
C54			0.698	0.591	0.651	0.574	0.651	0.574	0.651	0.574	-0.343	-0.639	-0.351	-0.644
C55			-1.005	-0.137	-0.937	-0.133	-0.937	-0.133	-0.937	-0.133	0.164	0.088	0.166	0.089
C56			0.195	0.134	0.182	0.131	0.182	0.131	0.182	0.131	-0.071	-0.151	-0.071	-0.151
C57			0.730	-0.398	0.680	-0.387	0.680	-0.387	0.680	-0.387	-0.285	0.236	-0.289	0.235
C58			-0.257	0.862	-0.239	0.837	-0.239	0.837	-0.239	0.837	0.093	-0.623	0.095	-0.622
C59			-0.126	0.481	-0.117	0.467	-0.117	0.467	-0.117	0.467	0.060	-0.519	0.062	-0.518
C60			0.873	-0.213	0.814	-0.207	0.814	-0.207	0.814	-0.207	-0.265	0.083	-0.269	0.082
C61			-0.050	0.802	-0.046	0.780	-0.046	0.780	-0.046	0.780	0.052	-0.914	0.054	-0.912
C62			0.072	0.320	0.068	0.311	0.068	0.311	0.068	0.311	-0.005	-0.125	-0.005	-0.125
C63			-0.198	-0.673	-0.185	-0.654	-0.185	-0.654	-0.185	-0.654	0.016	0.321	0.016	0.321
C64			-0.730	0.435	-0.681	0.423	-0.681	0.423	-0.681	0.423	0.333	-0.537	0.339	-0.534
C65			-0.174	0.032	-0.162	0.031	-0.162	0.031	-0.162	0.031	-0.180	-0.178	-0.186	-0.182
C66			0.252	0.211	0.235	0.205	0.235	0.205	0.235	0.205	-0.068	-0.148	-0.069	-0.149
C67			0.051	0.309	0.048	0.301	0.048	0.301	0.048	0.301	-0.004	-0.242	-0.004	-0.241
C68			0.220	0.286	0.205	0.278	0.205	0.278	0.205	0.278	-0.067	-0.252	-0.068	-0.252
C69			-0.192	0.306	-0.179	0.298	-0.179	0.298	-0.179	0.298	0.092	-0.307	0.094	-0.306
C70			0.851	0.473	0.794	0.459	0.794	0.459	0.794	0.459	-0.185	-0.303	-0.187	-0.304
C71			0.049	-0.167	0.046	-0.162	0.046	-0.162	0.046	-0.162	-0.007	0.141	-0.007	0.140
C72			1.000	0.097	0.932	0.094	0.932	0.094	0.932	0.094	-0.563	-0.252	-0.562	-0.256
C73			0.122	0.517	0.113	0.502	0.113	0.502	0.113	0.502	-0.011	-0.445	-0.011	-0.445
C74			0.069	0.940	0.064	0.914	0.064	0.914	0.064	0.914	0.007	-0.683	0.008	-0.683
C75			0.545	-0.018	0.508	-0.017	0.508	-0.017	0.508	-0.017	-0.381	-0.259	-0.394	-0.266
C76			0.339	-0.673	0.316	-0.654	0.316	-0.654	0.316	-0.654	-0.115	0.357	-0.117	0.356
C77			-0.165	-0.872	-0.154	-0.847	-0.154	-0.847	-0.154	-0.847	0.002	0.599	0.002	0.599
C78			-0.218	0.490	-0.203	0.476	-0.203	0.476	-0.203	0.476	0.055	-0.374	0.056	-0.372
C79			0.670	0.581	0.625	0.564	0.625	0.564	0.625	0.564	-0.107	-0.293	-0.108	-0.293
C80			0.040	0.308	0.038	0.299	0.038	0.299	0.038	0.299	0.001	-0.387	0.001	-0.386
C81			0.215	1.000	0.200	0.972	0.200	0.972	0.200	0.972	-0.053	-0.540	-0.018	-0.561
C82			0.454	-0.240	0.423	-0.233	0.423	-0.233	0.423	-0.233	-0.236	0.035	-0.239	0.035
C83			0.660	0.460	0.616	0.447	0.616	0.447	0.616	0.447	-0.085	-0.194	-0.086	-0.194
C84			-0.391	-0.126	-0.365	-0.123	-0.365	-0.123	-0.365	-0.123	-0.379	-0.324	-0.392	-0.332
C85			0.465	0.563	0.433	0.547	0.433	0.547	0.433	0.547	-0.145	-0.512	-0.147	-0.512
C86			0.572	0.854	0.533	0.830	0.533	0.830	0.533	0.830	-0.235	-0.613	-0.228	-0.612
C87			0.453	0.919	0.422	0.893	0.422	0.893	0.422	0.893	-0.039	-0.908	-0.038	-0.906
C88			0.420	-0.158	0.391	-0.153	0.391	-0.153	0.391	-0.153	-0.178	0.095	-0.180	0.095
C89			0.777	0.372	0.725	0.361	0.725	0.361	0.725	0.361	-0.039	-0.050	-0.039	-0.050

Descriptors/Mean acceptable/Product/ Consumer id	Unscrambler PLS1 (passified)		SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C90			0.214	0.961	0.200	0.934	0.200	0.934	0.200	0.934	-0.020	-0.652	-0.020	-0.652
C91			0.450	0.808	0.419	0.785	0.419	0.785	0.419	0.785	-0.728	-0.952	-0.723	-0.958
C92			-0.335	-0.550	-0.312	-0.535	-0.312	-0.535	-0.312	-0.535	0.052	0.280	0.053	0.281
C93			0.473	0.887	0.441	0.862	0.441	0.862	0.441	0.862	-0.097	-0.612	-0.098	-0.613
C94			0.739	-0.271	0.689	-0.263	0.689	-0.263	0.689	-0.263	-0.119	0.026	-0.121	0.026
C95			0.976	0.332	0.910	0.322	0.910	0.322	0.910	0.322	-0.244	-0.290	-0.246	-0.290
C96			-0.531	-0.320	-0.495	-0.311	-0.495	-0.311	-0.495	-0.311	0.094	0.144	0.096	0.145
C97			0.719	-0.496	0.670	-0.482	0.670	-0.482	0.670	-0.482	-0.202	0.250	-0.205	0.250
C98			0.413	0.816	0.385	0.793	0.385	0.793	0.385	0.793	-0.087	-0.577	-0.088	-0.577
C99			0.896	-0.529	0.835	-0.514	0.835	-0.514	0.835	-0.514	-0.217	0.229	-0.220	0.228
C100			-0.046	0.438	-0.043	0.426	-0.043	0.426	-0.043	0.426	0.040	-0.427	0.041	-0.426
C101			0.482	-0.547	0.450	-0.532	0.450	-0.532	0.450	-0.532	-0.083	0.225	-0.084	0.224
C102			0.444	0.282	0.414	0.274	0.414	0.274	0.414	0.274	-0.098	-0.157	-0.099	-0.158
C103			0.730	0.022	0.681	0.021	0.681	0.021	0.681	0.021	-0.204	-0.083	-0.206	-0.084
C104			0.714	0.043	0.666	0.042	0.666	0.042	0.666	0.042	-0.225	-0.155	-0.227	-0.155
C105			-0.147	0.970	-0.137	0.943	-0.137	0.943	-0.137	0.943	0.090	-0.785	0.092	-0.784
C106			0.816	0.209	0.761	0.203	0.761	0.203	0.761	0.203	-0.184	-0.130	-0.186	-0.131
C107			-0.510	0.531	-0.475	0.516	-0.475	0.516	-0.475	0.516	0.068	-0.157	0.069	-0.157
C108			0.208	0.537	0.194	0.522	0.194	0.522	0.194	0.522	-0.058	-0.534	-0.058	-0.534
C109			0.466	0.892	0.435	0.866	0.435	0.866	0.435	0.866	-0.337	-0.613	-0.330	-0.613
C110			-0.234	-0.425	-0.218	-0.413	-0.218	-0.413	-0.218	-0.413	0.032	0.204	0.033	0.205
C111			0.827	-0.367	0.771	-0.357	0.771	-0.357	0.771	-0.357	-0.324	0.168	-0.328	0.167
C112			0.171	-0.039	0.160	-0.037	0.160	-0.037	0.160	-0.037	-0.044	-0.033	-0.045	-0.032
C113			0.221	0.851	0.206	0.826	0.206	0.826	0.206	0.826	-0.050	-0.842	-0.050	-0.841
C114			-0.324	-0.409	-0.302	-0.398	-0.302	-0.398	-0.302	-0.398	0.093	0.376	-0.812	-0.024
C115			-0.408	-0.015	-0.380	-0.015	-0.380	-0.015	-0.380	-0.015	0.075	-0.025	0.076	-0.024

The Paint Study Coordinates

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		SAS PLS1		XLSTAT PLS1		Unscrambler PLS1	
	1	2	1	2	1	2	1	2	1	2	1	2
Gross			0.999	0.085	-1.000	0.053	1.000	-0.083	0.989	-0.080	0.989	-0.080
Fine			1.000	-0.005	-0.997	-0.036	1.000	0.008	0.989	0.007	0.989	0.007
Length			0.313	1.000	-0.340	1.000	0.311	-1.000	0.307	-0.950	0.307	-0.950
Height			-0.999	0.023	0.994	0.055	-1.000	-0.020	-0.989	-0.019	-0.989	-0.019
Frequency			-0.971	0.270	0.960	0.304	-0.972	-0.269	-0.962	-0.255	-0.962	-0.255
Regularity			-0.989	-0.059	0.993	-0.021	-0.996	0.061	-0.985	0.058	-0.985	0.058
Mean acceptable			0.976	-0.170			0.916	0.941	0.953	0.162	0.953	0.162
116	-0.508	-0.024	-0.379	0.140	0.323	0.118	-0.330	-0.144	-0.173	-0.122	-0.331	-0.144
209	-0.459	0.085	-0.654	-0.023	0.627	-0.008	-0.648	0.031	-0.340	0.024	-0.649	0.029
221	0.448	-0.737	0.528	0.320	-0.514	0.316	0.494	-0.319	0.259	-0.271	0.494	-0.321
290	-0.567	-1.000	-0.992	-0.319	1.000	-0.273	-1.000	0.315	-0.524	0.268	-1.000	0.318
399	1.000	0.075	1.000	-1.000	-0.915	-1.000	0.985	1.000	0.517	0.845	0.986	1.000
513	0.091	0.556	0.314	0.273	-0.353	0.242	0.338	-0.250	0.177	-0.212	0.337	-0.251
593	0.776	-0.192	0.937	0.441	-0.876	0.437	0.878	-0.447	0.460	-0.377	0.878	-0.446
721	-0.128	0.779	0.048	0.135	-0.067	0.117	0.072	-0.148	0.038	-0.124	0.072	-0.146
772	-0.446	-0.038	-0.614	-0.125	0.604	-0.102	-0.614	0.132	-0.322	0.112	-0.614	0.132
958	-0.208	0.496	-0.189	0.159	0.171	0.152	-0.173	-0.171	-0.091	-0.143	-0.173	-0.170
C1	0.502	0.524			-0.123	0.065						
C2	0.556	-0.999			0.127	0.493						
C3	0.984	-0.185			-0.210	0.192						
C4	0.861	-0.370			-0.092	0.325						
C5	0.005	0.415			-0.040	0.133						
C6	0.278	-0.873			0.229	0.301						
C7	0.610	0.768			-0.231	-0.153						
C8	0.748	-0.399			-0.176	-0.164						
C9	0.759	-0.338			-0.083	-0.075						
C10	0.622	0.713			-0.383	-0.290						
C11	0.687	-0.260			-0.111	-0.060						
C12	0.460	0.446			-0.025	-0.017						
C13	0.874	0.322			-0.546	-0.465						
C14	0.914	-0.173			-0.177	0.175						
C15	0.885	0.532			-0.233	0.006						
C16	0.591	0.928			-0.201	-0.012						
C17	0.764	-0.069			-1.000	-1.000						
C18	0.702	0.211			0.331	0.621						
C19	0.990	-0.166			-0.178	0.117						
C20	0.393	-0.026			-0.148	0.159						
C21	0.962	0.049			-0.301	-0.036						
C22	0.954	-0.059			0.263	0.784						
C23	0.890	-0.352			-0.083	-0.025						
C24	0.583	0.654			-0.076	0.015						
C25	0.580	0.002			-0.130	-0.027						
C26	-0.180	-0.474			0.072	-0.107						
C28	0.756	-0.220			-0.893	-0.729						
C29	0.765	-0.833			0.028	0.200						
C30	0.951	0.023			-0.352	0.013						
C31	0.586	0.673			-0.601	-0.782						
C32	0.908	0.162			-0.888	-0.890						
C33	0.482	0.146			-0.122	-0.010						
C34	0.798	0.179			-0.258	0.017						
C35	0.380	0.798			-0.674	-0.992						
C36	0.628	0.522			-0.102	0.049						
C37	0.117	-0.527			-0.027	0.119						
C38	0.960	-0.018			-0.146	0.222						
C39	0.639	0.018			-0.147	0.089						
C40	0.829	-0.257			-0.593	-0.509						
C41	0.629	0.884			-0.176	-0.065						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		SAS PLS1		XLSTAT PLS1		Unscrambler PLS1	
	1	2	1	2	1	2	1	2	1	2	1	2
C42	0.770	0.207			-0.175	-0.206						
C43	0.462	-0.146			-0.079	0.077						
C44	0.822	0.225			-0.217	-0.132						
C45	0.901	0.201			-0.591	-0.567						
C46	0.954	0.092			-0.664	-0.531						
C47	-0.490	0.115			0.042	-0.032						
C48	0.633	-0.467			-0.168	-0.224						
C49	0.931	-0.127			-0.106	0.161						
C50	0.832	-0.218			-0.180	-0.172						
C51	0.774	-0.169			-0.142	-0.075						
C52	0.780	0.010			-0.092	-0.086						
C53	0.754	-0.232			-0.192	-0.059						
C54	0.930	0.201			-0.216	-0.049						
C55	0.766	-0.605			-0.001	0.203						
C56	0.560	0.663			-0.142	-0.093						
C57	0.523	-0.468			-0.104	-0.149						
C58	0.974	0.062			-0.192	-0.012						
C59	0.519	-0.624			0.067	0.267						
C60	0.879	0.026			-0.192	-0.012						
C61	0.639	-0.650			-0.085	-0.040						
C62	0.849	0.625			-0.253	-0.027						
C63	0.313	-0.681			-0.106	0.107						
C64	0.385	0.634			-0.080	-0.031						
C65	0.881	0.173			-0.283	-0.023						
C66	0.773	0.109			0.364	0.608						
C67	0.892	0.270			-0.248	-0.161						
C68	0.652	0.020			-0.182	-0.084						
C69	-0.523	-0.023			-0.236	-0.367						
C70	0.704	0.885			-0.243	-0.068						
C71	0.828	-0.666			-0.014	0.131						
C72	0.972	-0.257			-0.147	0.150						
C73	0.752	0.554			-0.282	0.038						
C74	0.829	0.199			-0.252	-0.050						
C75	0.887	-0.644			-0.040	0.330						
C76	0.666	-1.000			0.091	0.365						
C77	0.665	0.690			-0.158	-0.075						
C78	0.815	-0.150			-0.179	-0.094						
C79	0.936	0.164			-0.222	-0.068						
C80	0.467	0.654			-0.082	0.035						
C82	0.130	-0.438			0.003	0.002						
C83	0.916	-0.366			-0.122	0.232						
C84	0.866	0.081			-0.205	-0.136						
C85	0.925	-0.143			-0.079	0.174						
C86	0.428	0.475			-0.076	-0.017						
C87	0.862	0.131			-0.184	0.026						
C88	0.884	-0.305			-0.209	-0.071						
C89	-0.486	-0.526			0.091	0.124						
C90	0.793	-0.179			-0.161	-0.110						
C91	0.915	0.107			-0.166	0.005						
C92	0.922	0.074			-0.151	-0.053						
C93	0.709	0.550			-0.212	-0.001						
C94	0.945	-0.080			-0.266	-0.067						
C97	0.828	0.262			-0.152	0.009						
C98	0.975	-0.194			-0.160	0.221						
C99	0.779	-0.500			-0.119	-0.116						
C100	0.165	0.867			0.077	0.192						
C101	0.891	0.039			-0.241	0.044						
C102	0.752	-0.075			0.013	0.261						

Descriptors/Mean acceptable/Product/ Consumer id	Unscrambler PLS1 (passified)		SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)	
	1	2	1	2	1	2	1	2	1	2
Gross	0.989	-0.080	1.000	0.084	0.989	0.079	-0.989	0.079	-0.989	0.079
Fine	0.989	0.007	1.000	-0.005	0.989	-0.005	-0.989	-0.005	-0.989	-0.005
Length	0.307	-0.950	0.313	1.000	0.310	0.950	-0.310	0.950	-0.310	0.950
Height	-0.989	-0.019	-1.000	0.025	-0.989	0.023	0.989	0.023	0.989	0.023
Frequency	-0.962	-0.255	-0.971	0.271	-0.961	0.258	0.961	0.258	0.961	0.258
Regularity	-0.985	0.058	-0.996	-0.052	-0.986	-0.049	0.986	-0.049	0.986	-0.049
Mean acceptable	0.953	0.162								
116	-0.173	-0.122	-0.329	0.117	-0.173	0.099	0.329	0.117	0.173	0.099
209	-0.340	0.024	-0.647	-0.018	-0.340	-0.016	0.647	-0.018	0.340	-0.016
221	0.259	-0.271	0.494	0.333	0.260	0.283	-0.494	0.333	-0.260	0.283
290	-0.524	0.268	-1.000	-0.300	-0.525	-0.255	1.000	-0.300	0.525	-0.255
399	0.517	0.845	0.980	-1.000	0.515	-0.849	-0.980	-1.000	-0.515	-0.849
513	0.177	-0.212	0.338	0.254	0.178	0.216	-0.338	0.254	-0.178	0.216
593	0.460	-0.377	0.878	0.458	0.461	0.389	-0.878	0.458	-0.461	0.389
721	0.038	-0.124	0.072	0.122	0.038	0.103	-0.072	0.122	-0.038	0.103
772	-0.322	0.112	-0.614	-0.116	-0.322	-0.098	0.614	-0.116	0.322	-0.098
958	-0.091	-0.143	-0.172	0.152	-0.091	0.129	0.172	0.152	0.091	0.129
C1			0.548	0.360	0.521	0.264	-0.521	0.264	-0.521	0.264
C2			0.436	0.278	0.415	0.204	-0.415	0.204	-0.415	0.204
C3			0.972	-0.077	0.925	-0.056	-0.925	-0.056	-0.925	-0.056
C4			0.807	-0.186	0.768	-0.136	-0.768	-0.136	-0.768	-0.136
C5			0.237	1.000	0.226	0.733	-0.226	0.733	-0.226	0.733
C6			0.028	-0.630	0.026	-0.462	-0.026	-0.462	-0.026	-0.462
C7			0.756	0.246	0.719	0.180	-0.719	0.180	-0.719	0.180
C8			0.692	-0.705	0.659	-0.517	-0.659	-0.517	-0.659	-0.517
C9			0.661	-0.654	0.628	-0.480	-0.628	-0.480	-0.628	-0.480
C10			0.751	0.116	0.714	0.085	-0.714	0.085	-0.714	0.085
C11			0.669	-0.385	0.636	-0.282	-0.636	-0.282	-0.636	-0.282
C12			0.434	-0.312	0.413	-0.228	-0.413	-0.228	-0.413	-0.228
C13			0.921	0.012	0.876	0.009	-0.876	0.009	-0.876	0.009
C14			0.938	-0.105	0.893	-0.077	-0.893	-0.077	-0.893	-0.077
C15			0.987	0.069	0.938	0.050	-0.938	0.050	-0.938	0.050
C16			0.749	-0.020	0.713	-0.014	-0.713	-0.014	-0.713	-0.014
C17			0.766	0.226	0.728	0.166	-0.728	0.166	-0.728	0.166
C18			0.804	-0.078	0.764	-0.057	-0.764	-0.058	-0.764	-0.058
C19			0.971	-0.230	0.924	-0.169	-0.924	-0.169	-0.924	-0.169
C20			0.498	0.651	0.474	0.478	-0.474	0.478	-0.474	0.478
C21			0.952	-0.098	0.906	-0.072	-0.906	-0.072	-0.906	-0.072
C22			0.938	-0.216	0.893	-0.159	-0.893	-0.159	-0.893	-0.159
C23			0.862	-0.270	0.820	-0.198	-0.820	-0.198	-0.820	-0.198
C24			0.695	0.191	0.661	0.140	-0.661	0.140	-0.661	0.140
C25			0.654	-0.134	0.622	-0.098	-0.622	-0.098	-0.622	-0.098
C26			-0.353	-0.642	-0.336	-0.471	0.336	-0.471	0.336	-0.471
C28			0.782	0.318	0.744	0.233	-0.744	0.233	-0.744	0.233
C29			0.635	-0.382	0.604	-0.280	-0.604	-0.280	-0.604	-0.280
C30			1.000	0.081	0.951	0.060	-0.951	0.060	-0.951	0.060
C31			0.626	-0.352	0.595	-0.258	-0.595	-0.258	-0.595	-0.258
C32			0.907	-0.125	0.863	-0.092	-0.863	-0.092	-0.863	-0.092
C33			0.439	-0.029	0.417	-0.021	-0.417	-0.021	-0.417	-0.021
C34			0.903	0.103	0.859	0.076	-0.859	0.076	-0.859	0.076
C35			0.436	-0.689	0.415	-0.505	-0.415	-0.505	-0.415	-0.505
C36			0.702	0.427	0.667	0.313	-0.667	0.313	-0.667	0.313
C37			0.126	0.731	0.120	0.536	-0.120	0.536	-0.120	0.536
C38			0.917	-0.290	0.873	-0.213	-0.873	-0.213	-0.873	-0.213
C39			0.688	0.525	0.655	0.385	-0.655	0.385	-0.655	0.385
C40			0.794	0.144	0.755	0.105	-0.755	0.105	-0.755	0.105
C41			0.740	-0.284	0.704	-0.209	-0.704	-0.209	-0.704	-0.209

Descriptors/Mean acceptable/Product/ Consumer id	Unscrambler PLS1 (passified)		SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)	
	1	2	1	2	1	2	1	2	1	2
C42			0.726	-0.934	0.691	-0.685	-0.691	-0.685	-0.691	-0.685
C43			0.505	0.596	0.480	0.437	-0.480	0.437	-0.480	0.437
C44			0.792	-0.522	0.753	-0.383	-0.753	-0.383	-0.753	-0.383
C45			0.943	-0.123	0.897	-0.090	-0.897	-0.090	-0.897	-0.090
C46			0.999	-0.070	0.950	-0.052	-0.950	-0.052	-0.950	-0.052
C47			-0.578	-0.539	-0.549	-0.395	0.549	-0.395	0.549	-0.395
C48			0.536	-0.786	0.510	-0.576	-0.510	-0.576	-0.510	-0.576
C49			0.859	-0.304	0.818	-0.223	-0.818	-0.223	-0.818	-0.223
C50			0.767	-0.800	0.730	-0.587	-0.730	-0.587	-0.730	-0.587
C51			0.808	-0.455	0.769	-0.334	-0.769	-0.334	-0.769	-0.334
C52			0.690	-0.964	0.656	-0.707	-0.656	-0.707	-0.656	-0.707
C53			0.665	-0.211	0.633	-0.155	-0.633	-0.155	-0.633	-0.155
C54			0.973	-0.219	0.926	-0.161	-0.926	-0.161	-0.926	-0.161
C55			0.700	-0.236	0.666	-0.173	-0.666	-0.173	-0.666	-0.173
C56			0.559	-0.391	0.531	-0.287	-0.531	-0.287	-0.531	-0.287
C57			0.370	-0.574	0.352	-0.421	-0.352	-0.421	-0.352	-0.421
C58			0.965	-0.457	0.918	-0.335	-0.918	-0.335	-0.918	-0.335
C59			0.372	0.005	0.354	0.004	-0.354	0.004	-0.354	0.004
C60			0.885	-0.028	0.842	-0.020	-0.842	-0.020	-0.842	-0.020
C61			0.600	-0.304	0.571	-0.223	-0.571	-0.223	-0.571	-0.223
C62			0.938	-0.080	0.892	-0.058	-0.892	-0.058	-0.892	-0.058
C63			0.330	0.406	0.313	0.298	-0.313	0.298	-0.313	0.298
C64			0.460	-0.184	0.438	-0.135	-0.438	-0.135	-0.438	-0.135
C65			0.937	-0.051	0.891	-0.038	-0.891	-0.038	-0.891	-0.038
C66			0.757	-0.523	0.720	-0.383	-0.720	-0.383	-0.720	-0.383
C67			0.887	-0.624	0.844	-0.458	-0.844	-0.458	-0.844	-0.458
C68			0.664	-0.327	0.631	-0.240	-0.631	-0.240	-0.631	-0.240
C69			-0.527	0.167	-0.502	0.122	0.502	0.122	0.502	0.122
C70			0.776	-0.219	0.738	-0.161	-0.738	-0.161	-0.738	-0.161
C71			0.700	-0.458	0.666	-0.336	-0.666	-0.336	-0.666	-0.336
C72			0.904	-0.438	0.860	-0.321	-0.860	-0.321	-0.860	-0.321
C73			0.793	0.156	0.754	0.115	-0.754	0.115	-0.754	0.115
C74			0.837	-0.160	0.796	-0.117	-0.796	-0.117	-0.796	-0.117
C75			0.774	-0.215	0.737	-0.158	-0.737	-0.158	-0.737	-0.158
C76			0.512	-0.198	0.487	-0.145	-0.487	-0.145	-0.487	-0.145
C77			0.706	-0.355	0.672	-0.261	-0.672	-0.261	-0.672	-0.261
C78			0.772	-0.432	0.734	-0.317	-0.734	-0.317	-0.734	-0.317
C79			0.911	-0.287	0.866	-0.210	-0.866	-0.210	-0.866	-0.210
C80			0.563	0.306	0.536	0.224	-0.536	0.224	-0.536	0.224
C82			-0.022	0.010	-0.021	0.008	0.021	0.008	0.021	0.008
C83			0.910	0.116	0.866	0.085	-0.866	0.085	-0.866	0.085
C84			0.829	-0.595	0.789	-0.436	-0.789	-0.436	-0.789	-0.436
C85			0.922	-0.114	0.877	-0.084	-0.877	-0.084	-0.877	-0.084
C86			0.552	-0.116	0.525	-0.085	-0.525	-0.085	-0.525	-0.085
C87			0.899	0.187	0.855	0.137	-0.855	0.137	-0.855	0.137
C88			0.851	-0.301	0.809	-0.221	-0.809	-0.221	-0.809	-0.221
C89			-0.487	0.717	-0.463	0.526	0.463	0.526	0.463	0.526
C90			0.723	-0.541	0.688	-0.397	-0.688	-0.397	-0.688	-0.397
C91			0.976	0.072	0.928	0.053	-0.928	0.053	-0.928	0.053
C92			0.947	-0.348	0.901	-0.255	-0.901	-0.255	-0.901	-0.255
C93			0.826	0.027	0.786	0.019	-0.786	0.019	-0.786	0.019
C94			0.910	-0.232	0.865	-0.170	-0.865	-0.170	-0.865	-0.170
C97			0.879	0.094	0.836	0.069	-0.836	0.069	-0.836	0.069
C98			0.945	-0.161	0.899	-0.118	-0.899	-0.118	-0.899	-0.118
C99			0.649	-0.695	0.617	-0.509	-0.617	-0.509	-0.617	-0.509
C100			0.408	0.899	0.388	0.659	-0.388	0.659	-0.388	0.659
C101			0.943	0.235	0.897	0.172	-0.897	0.172	-0.897	0.172
C102			0.663	-0.416	0.631	-0.305	-0.631	-0.305	-0.631	-0.305

The Fragrance Study Coordinates

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Strength			0.267	0.725	0.241	0.986	0.188	0.613	0.716	-0.555	0.474	-0.361	0.474	-0.361
Solvent			0.939	0.243	-0.656	0.689	-0.025	0.167	0.498	-0.452	0.330	-0.294	0.330	-0.294
Lemon			-0.250	-0.796	-0.108	-0.836	0.054	-0.150	-0.566	1.000	-0.374	0.650	-0.374	0.650
Lime			0.838	-0.379	-0.888	0.014	-0.066	0.097	0.092	0.169	0.061	0.110	0.061	0.110
Bergamot			0.810	0.237	-0.624	0.568	-0.043	0.131	0.615	-0.301	0.407	-0.196	0.407	-0.196
Grapefruit			0.336	-0.426	-0.435	-0.196	-0.193	-0.036	-0.628	-0.415	-0.416	-0.269	-0.416	-0.269
Orange			-0.196	-0.745	-0.231	-0.877	-0.175	-0.230	-0.650	0.638	-0.430	0.414	-0.430	0.414
Peel			0.050	-0.754	-0.426	-0.639	-0.265	-0.278	-0.949	0.019	-0.628	0.013	-0.628	0.013
OtherCitrus			0.243	0.003	-0.223	0.070	0.113	-0.023	0.366	0.356	0.242	0.231	0.242	0.231
Fruity			-0.985	0.053	1.000	-0.459	1.000	-0.775	-0.016	0.734	-0.011	0.477	-0.011	0.477
Berry			-0.649	0.116	0.623	-0.381	-0.295	0.293	0.251	0.758	0.166	0.492	0.166	0.492
TreeFruit			-1.000	0.199	0.996	-0.278	-0.165	0.228	-0.010	0.415	-0.006	0.270	-0.006	0.270
Melon			-0.750	-0.063	0.794	-0.367	0.336	-0.291	-0.139	0.629	-0.092	0.409	-0.092	0.409
Tropical			-0.770	-0.126	0.722	-0.392	0.121	-0.100	-0.299	0.409	-0.198	0.266	-0.198	0.266
SweetArom			-0.775	0.758	0.915	0.337	0.105	0.204	0.382	-0.337	0.253	-0.219	0.253	-0.219
Vanilla			-0.333	0.503	0.349	0.254	-0.004	-0.089	0.189	-0.466	0.125	-0.303	0.125	-0.303
Coumarin			-0.237	0.924	0.565	0.850	-0.145	0.025	0.689	-0.693	0.456	-0.450	0.456	-0.450
BrownSweet			-0.328	0.775	0.575	0.561	-0.029	0.085	0.433	-0.538	0.287	-0.350	0.287	-0.350
FruitySweet			-0.869	-0.097	0.690	-0.588	0.046	-0.089	-0.145	0.658	-0.096	0.427	-0.096	0.427
Spicy			0.631	0.693	-0.364	0.673	-0.023	0.280	0.887	-0.714	0.587	-0.464	0.587	-0.464
BlackSpice			0.733	-0.071	-0.589	0.190	-0.034	0.053	0.042	-0.533	0.028	-0.347	0.028	-0.347
BrownSpice			0.546	0.740	-0.285	0.678	0.176	-0.087	0.936	-0.644	0.619	-0.419	0.619	-0.419
Floral			-0.466	0.874	0.835	0.815	0.427	0.570	0.449	-0.709	0.297	-0.461	0.297	-0.461
Rose			-0.565	-0.064	0.627	-0.204	-0.029	-0.025	-0.200	0.200	-0.132	0.130	-0.132	0.130
WhiteFlower			-0.070	1.000	0.487	1.000	0.255	-0.021	0.808	-0.765	0.535	-0.497	0.535	-0.497
Muguet			-0.229	-0.345	0.067	-0.327	0.008	-0.071	-0.263	0.588	-0.174	0.382	-0.174	0.382
SweetFloral			-0.559	0.694	0.737	0.328	0.204	0.066	0.379	-0.275	0.251	-0.179	0.251	-0.179
Violet			-0.196	-0.028	0.072	-0.310	0.004	0.070	0.177	0.344	0.117	0.224	0.117	0.224
SpicyFloral			0.625	0.624	-0.327	0.775	0.085	0.098	0.743	-0.820	0.492	-0.533	0.492	-0.533
OtherFloral			-0.356	0.540	0.707	0.588	0.080	0.158	0.170	-0.451	0.113	-0.293	0.113	-0.293
Aldehydic			0.357	-0.642	-0.384	-0.170	-0.612	-0.028	-0.727	0.134	-0.481	0.087	-0.481	0.087
Herbaceous			0.895	0.176	-0.741	0.462	-0.102	0.111	0.809	0.143	0.535	0.093	0.535	0.093
FloralHerb			0.714	0.353	-0.557	0.523	0.165	0.122	1.000	0.236	0.662	0.153	0.662	0.153
DriedHerb			0.709	-0.574	-0.656	-0.038	-0.059	0.041	-0.654	-0.376	-0.433	-0.244	-0.433	-0.244
Green			-0.596	-0.421	0.425	-0.515	0.125	-0.024	-0.581	0.387	-0.385	0.251	-0.385	0.251
Fresh			-0.704	-0.403	0.495	-0.542	-0.058	-0.120	-0.582	0.454	-0.385	0.295	-0.385	0.295
WoodyNutty			0.844	-0.031	-0.822	0.243	-0.310	0.361	0.097	-0.603	0.064	-0.392	0.064	-0.392
DryWood			0.821	0.126	-0.686	0.330	0.252	0.105	0.555	-0.174	0.367	-0.113	0.367	-0.113
OrientalWood			0.616	0.023	-0.638	0.229	0.119	0.020	0.077	-0.524	0.051	-0.340	0.051	-0.340
ResinPine			0.674	-0.507	-0.623	0.017	-0.290	-0.139	-0.595	-0.280	-0.394	-0.182	-0.394	-0.182
Resin			0.666	-0.337	-0.562	0.113	0.088	0.234	-0.352	-0.275	-0.233	-0.179	-0.233	-0.179
OzoneMarine			0.158	-0.701	-0.251	-0.242	-0.460	0.402	-0.984	-0.005	-0.651	-0.003	-0.651	-0.003
Rainy			0.049	-0.691	-0.175	-0.407	-0.031	0.001	-0.997	0.095	-0.659	0.062	-0.659	0.062
SoapyFloral			0.126	-0.610	-0.201	-0.152	0.206	-0.149	-0.887	-0.073	-0.587	-0.047	-0.587	-0.047
LeatherMusk			0.643	0.701	-0.390	0.810	0.407	1.000	0.885	-0.648	0.586	-0.421	0.586	-0.421
Musk			0.699	0.745	-0.428	0.856	-0.239	-0.354	0.944	-0.699	0.625	-0.454	0.625	-0.454
Mean liking			0.084	0.452					0.529	0.826	0.727	0.545	0.727	0.545
122	0.319	-0.231	0.029	-0.106	-0.335	-0.254	-0.103	-0.150	0.002	0.277	0.002	0.277	0.001	0.112
196	-0.819	0.662	-0.930	-0.094	0.965	-0.153	0.557	-0.517	-0.318	-0.054	-0.318	-0.054	-0.188	-0.022
211	0.394	0.613	-0.605	0.023	0.751	-0.171	0.357	-0.290	0.126	0.788	0.126	0.788	0.074	0.318
219	-0.377	0.482	-0.424	-0.824	-0.297	-1.000	-0.449	-1.000	-0.639	0.679	-0.639	0.679	-0.377	0.274
237	0.620	-0.076	0.463	0.004	-0.473	0.114	-0.187	0.174	0.410	0.572	0.410	0.572	0.242	0.231
316	0.100	-0.149	-0.428	0.343	0.715	0.344	0.280	0.175	0.015	-0.329	0.015	-0.329	0.009	-0.133
318	-0.790	0.016	0.097	0.157	0.168	0.575	0.082	0.433	-0.076	-0.685	-0.076	-0.685	-0.045	-0.277
359	-0.038	0.028	-0.062	0.255	0.280	0.145	0.182	0.124	0.245	-0.085	0.245	-0.085	0.145	-0.034
412	-1.000	-0.160	0.452	-0.482	-0.756	-0.312	-0.563	-0.211	-0.672	-0.939	-0.672	-0.939	-0.396	-0.379
420	-0.098	-0.454	-0.411	0.400	0.660	0.413	0.202	0.320	-0.007	-0.534	-0.007	-0.534	-0.004	-0.216

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
492	-0.308	-1.000	0.025	0.678	0.198	0.606	0.241	0.623	0.263	-1.000	0.263	-1.000	0.155	-0.404
513	0.380	-0.252	0.183	0.361	-0.078	0.372	0.105	0.348	0.360	-0.034	0.360	-0.034	0.212	-0.014
517	0.556	0.327	0.408	0.023	-0.459	0.193	-0.064	0.326	0.289	0.368	0.289	0.368	0.171	0.149
549	-0.136	0.221	-0.163	-0.333	-0.170	-0.414	-0.128	-0.320	-0.136	0.450	-0.136	0.450	-0.080	0.182
621	0.498	0.852	-0.832	-0.098	1.000	-0.613	0.669	-0.836	-0.035	0.918	-0.035	0.918	-0.021	0.371
638	0.537	-0.047	0.658	0.150	-0.418	0.427	-0.040	0.458	0.232	-0.213	0.232	-0.213	0.137	-0.086
715	0.235	-0.088	-0.330	0.342	0.302	-0.109	0.084	-0.097	0.149	-0.136	0.149	-0.136	0.088	-0.055
759	0.321	-0.422	0.251	0.438	-0.069	0.639	0.130	0.430	0.296	-0.505	0.296	-0.505	0.174	-0.204
814	0.162	-0.481	1.000	0.142	-0.804	0.295	-0.087	0.510	0.335	-0.484	0.335	-0.484	0.198	-0.195
861	-0.265	0.139	-0.388	-0.409	0.199	-0.740	-0.076	-0.592	-0.243	0.496	-0.243	0.496	-0.143	0.200
910	-0.729	0.063	0.530	-1.000	-0.659	-0.331	-1.000	-0.011	-1.000	-0.003	-1.000	-0.003	-0.590	-0.001
947	0.437	-0.042	0.475	0.028	-0.719	-0.025	-0.192	0.102	0.404	0.451	0.404	0.451	0.238	0.182
C1	0.286	0.683			0.780	-0.765	0.501	-0.786						
C2	0.533	-0.459			0.041	0.582	0.158	0.475						
C3	0.041	0.297			0.239	-0.105	0.349	0.057						
C4	0.403	-0.014			0.269	0.179	0.298	0.107						
C5	0.135	-0.166			-0.339	0.076	-0.254	0.175						
C6	0.293	0.070			0.227	-0.628	0.032	-0.524						
C7	0.829	-0.245			-0.231	0.065	-0.039	0.128						
C8	0.610	-0.435			-0.071	-0.022	-0.013	0.233						
C9	0.287	0.180			0.002	-0.082	0.016	-0.058						
C10	0.323	0.770			0.386	-0.922	0.167	-0.569						
C11	0.152	0.678			0.061	-0.332	-0.039	-0.329						
C12	0.246	0.681			0.118	-0.185	0.053	-0.206						
C13	0.498	0.573			0.445	-0.058	0.578	-0.146						
C14	0.265	0.252			0.479	0.032	0.344	-0.021						
C15	-0.229	-0.431			-0.208	-0.134	-0.017	-0.106						
C16	0.139	-0.263			0.137	-0.009	0.146	0.021						
C17	0.246	-0.296			0.386	0.216	0.445	0.109						
C18	-0.127	-0.105			-0.568	0.631	-0.277	0.220						
C19	0.614	-0.158			-0.136	0.402	0.211	0.329						
C20	0.458	0.296			-0.584	-0.142	-0.220	-0.134						
C21	-0.123	-0.042			-0.105	0.250	0.122	0.046						
C22	-0.040	0.322			0.243	0.286	0.415	-0.052						
C23	0.488	0.229			-0.124	0.000	0.060	-0.113						
C24	-0.022	0.786			0.930	-0.231	0.423	-0.402						
C25	0.139	0.507			-0.504	-0.250	-0.323	-0.161						
C26	-0.332	0.246			0.874	-0.073	0.415	-0.255						
C27	0.309	-0.380			-0.115	0.317	0.052	0.319						
C28	0.370	0.393			-0.472	-0.509	-0.337	-0.332						
C29	0.730	-0.584			-0.168	0.574	0.070	0.571						
C30	-0.093	0.728			0.030	-0.341	-0.046	-0.327						
C32	-0.186	-0.018			0.257	0.103	0.433	-0.021						
C33	0.617	0.347			0.078	0.018	0.102	-0.017						
C34	0.028	-0.097			0.086	0.174	0.029	0.088						
C35	-0.240	0.010			0.073	0.117	0.018	-0.152						
C36	0.564	-0.002			-0.222	-0.178	-0.086	-0.021						
C37	0.614	0.042			0.065	0.003	0.174	0.004						
C38	-0.249	-0.004			-0.018	0.051	0.073	-0.006						
C39	-0.178	0.196			-0.034	-0.154	-0.042	-0.144						
C40	0.529	-0.607			-0.298	0.014	-0.275	0.222						
C41	0.633	-0.130			-0.001	0.541	0.369	0.406						
C42	-0.034	0.314			-0.004	-0.127	-0.012	-0.114						
C43	0.209	-0.193			-0.339	-0.200	-0.370	-0.081						
C44	0.162	-0.264			0.159	0.512	0.275	0.383						
C45	0.190	0.252			0.243	0.048	0.176	-0.021						
C46	0.471	0.571			0.818	-0.342	0.642	-0.151						
C47	0.569	-0.507			-0.430	0.664	-0.044	0.654						
C48	0.234	0.533			0.647	-0.029	0.517	-0.427						
C49	0.520	0.193			0.613	-0.022	0.589	-0.161						
C50	0.207	-0.034			-0.570	-0.101	-0.231	0.039						
C51	0.598	0.493			0.041	-0.146	0.186	-0.132						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C52	0.754	0.127			0.201	-0.353	-0.067	-0.285						
C53	0.489	-0.092			-0.346	0.043	-0.275	-0.124						
C55	0.672	0.475			0.037	-0.184	0.206	-0.056						
C57	0.373	-0.162			0.397	0.150	0.496	0.061						
C58	0.069	-0.519			-0.365	0.069	-0.237	0.171						
C59	0.190	0.091			0.171	-0.024	0.197	0.035						
C60	0.145	0.753			0.539	-0.141	0.280	-0.285						
C61	0.241	0.304			-0.099	0.024	0.261	-0.082						
C62	0.642	0.531			0.409	-0.119	0.595	-0.175						
C63	0.457	0.597			-0.045	-0.205	0.177	-0.209						
C64	0.204	0.514			0.116	-0.047	0.027	-0.137						
C65	0.460	0.193			0.024	0.112	0.051	0.127						
C66	0.316	-0.570			-0.461	0.596	-0.027	0.260						
C67	0.390	0.476			-0.096	0.122	0.109	0.080						
C68	-0.137	0.570			0.779	-0.512	0.486	-0.575						
C69	0.380	-0.072			0.537	0.048	0.146	0.076						
C70	0.478	-0.128			0.444	-0.061	0.321	-0.057						
C71	0.566	-0.017			0.168	0.125	0.236	0.033						
C72	0.624	0.442			-0.340	-0.190	-0.095	-0.084						
C73	0.295	-0.262			-0.420	0.426	0.069	0.235						
C74	0.704	0.215			-0.064	0.188	0.166	0.136						
C75	0.208	-0.157			-0.761	-0.237	-0.769	-0.085						
C76	0.383	0.515			0.065	-0.227	0.015	-0.191						
C77	0.693	0.213			0.410	0.041	0.439	-0.062						
C78	-0.024	0.633			0.450	-0.809	-0.080	-0.802						
C79	0.046	0.474			0.186	0.230	0.316	-0.109						
C81	-0.112	-0.637			-0.179	0.333	-0.050	0.321						
C82	0.060	-0.245			-0.360	0.166	-0.287	0.236						
C83	0.577	-0.372			0.157	0.974	0.559	0.805						
C84	0.549	0.214			-0.144	-0.362	-0.346	-0.323						
C85	0.827	-0.351			-0.132	0.306	0.233	0.321						
C86	0.571	0.562			0.382	0.096	0.394	-0.328						
C87	0.560	-0.293			0.402	0.262	0.461	0.403						
C88	0.537	-0.100			0.131	0.502	0.414	0.330						
C89	0.591	-0.436			-0.190	0.119	-0.079	0.264						
C90	0.145	-0.331			-0.298	0.511	-0.171	0.563						
C91	0.550	0.036			0.235	0.156	0.462	0.072						
C92	0.742	0.033			0.311	0.156	0.449	0.048						
C93	0.295	0.285			0.129	-0.372	0.076	-0.332						
C94	0.154	0.170			-0.381	-0.323	-0.226	-0.172						
C95	0.358	0.882			-0.064	-0.406	0.147	-0.356						
C96	0.332	0.696			0.774	-0.589	0.612	-0.840						
C97	0.254	0.104			-0.169	-0.054	0.268	0.008						
C98	0.248	0.703			-0.166	-0.335	-0.154	-0.267						
C99	0.445	0.557			-0.525	-0.349	-0.344	-0.197						
C100	0.083	0.318			0.163	-0.050	0.009	-0.163						
C101	0.333	-0.026			-0.308	0.162	-0.146	0.186						
C102	0.751	0.223			0.190	-0.176	0.126	0.088						
C103	0.451	0.180			-0.066	-0.156	-0.014	0.103						
C104	0.406	0.156			-0.514	-0.242	-0.279	-0.050						
C105	0.379	-0.360			0.191	0.081	0.191	0.083						
C106	0.694	0.108			0.236	0.109	0.415	0.011						
C107	0.246	0.543			-0.280	0.117	0.029	0.119						
C108	0.609	0.459			0.538	0.010	0.539	0.125						
C109	0.771	-0.070			0.213	0.382	0.611	0.321						
C110	0.168	0.027			0.078	-0.014	0.068	-0.039						
C111	0.466	0.143			0.663	-0.478	0.385	-0.471						
C112	0.110	0.569			-0.121	-0.571	-0.210	-0.278						
C114	0.523	-0.275			-0.288	-0.051	-0.182	0.296						
C115	0.268	-0.406			-0.453	-0.098	-0.454	0.106						
C116	0.577	0.062			-0.169	-0.258	-0.188	0.158						
C117	0.500	0.755			0.103	-0.517	-0.049	-0.237						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
C118	0.440	0.467			-0.329	0.098	0.140	0.030						
C119	0.145	0.075			0.032	-0.662	-0.466	-0.356						
C120	0.386	-0.311			-0.664	0.191	-0.150	0.586						
C121	0.144	-0.849			-0.482	0.671	-0.192	0.693						
C122	0.329	-0.278			0.147	0.161	0.240	0.187						
C123	0.159	0.259			-0.080	-0.096	0.115	-0.011						
C124	0.799	0.332			-0.243	-0.436	-0.275	-0.448						
C125	0.471	0.133			-0.388	0.120	-0.068	0.029						
C126	0.001	0.516			-0.094	-0.337	-0.144	-0.275						
C127	0.745	-0.115			0.114	0.281	0.400	0.184						
C128	-0.442	0.592			0.208	-0.722	-0.187	-0.616						
C129	0.149	0.645			0.386	-0.006	0.158	-0.207						
C130	0.369	0.483			0.055	-0.233	-0.057	-0.567						
C131	0.441	0.172			0.168	0.245	0.268	0.137						
C132	0.792	0.400			0.354	-0.072	0.404	-0.303						
C133	-0.083	0.308			0.538	-0.170	0.545	-0.217						
C134	0.291	0.894			0.098	-0.367	0.158	-0.443						
C135	0.256	0.542			-0.370	-0.426	-0.193	-0.342						
C137	0.586	0.167			0.260	-0.101	0.169	-0.468						
C138	0.323	0.535			-0.013	-0.317	0.003	-0.253						
C139	0.808	-0.120			-0.067	-0.001	0.228	0.017						
C140	0.154	0.500			-0.063	-0.016	0.163	-0.302						
C141	0.838	-0.103			0.306	0.217	0.566	0.124						
C142	0.721	-0.545			-0.254	0.467	-0.094	0.407						
C143	0.883	0.071			-0.335	-0.131	-0.106	-0.001						
C144	-0.028	0.195			-0.136	0.001	-0.177	0.007						
C145	0.670	-0.299			-0.161	0.629	0.330	0.458						
C146	-0.025	0.274			0.202	0.056	0.405	0.000						
C147	0.334	-0.148			-0.416	-0.148	-0.365	0.064						
C148	0.643	0.328			0.414	0.373	0.555	0.194						
C149	0.370	0.331			-0.136	-0.493	-0.165	-0.530						
C150	0.213	0.440			0.354	0.089	0.261	0.059						
C151	0.233	0.362			0.517	0.165	0.679	-0.061						
C152	-0.348	0.755			0.381	-0.310	0.108	-0.312						
C153	0.400	0.525			0.114	0.008	0.314	-0.295						
C154	0.409	-0.074			0.483	0.319	0.627	0.166						
C155	0.493	0.450			0.129	-0.103	0.165	0.057						
C156	-0.003	0.526			0.041	0.067	0.093	-0.063						
C157	0.036	0.417			0.065	-0.234	-0.015	-0.202						
C158	0.394	0.648			0.032	-0.126	0.039	-0.157						
C159	0.114	-0.209			-0.130	0.101	-0.321	0.311						
C160	0.753	0.292			-0.082	0.133	0.248	0.117						
C161	0.150	0.504			0.131	-0.080	0.128	-0.128						
C163	0.368	-0.908			-0.330	0.328	-0.263	0.125						
C164	0.449	-0.077			0.194	-0.170	0.246	-0.176						
C165	0.557	0.205			-0.219	0.139	-0.026	0.126						
C166	0.251	-0.184			-0.328	-0.266	-0.171	-0.098						
C167	0.389	-0.495			-0.467	0.477	-0.327	0.073						
C168	-0.016	-0.190			0.728	-0.195	0.362	-0.022						
C169	0.252	-0.004			0.092	0.171	0.207	0.338						
C170	0.399	-0.189			-0.206	0.041	-0.004	0.076						
C171	0.422	0.052			-0.153	0.017	0.023	-0.010						
C172	0.483	0.435			0.373	-0.039	0.308	-0.034						
C173	0.254	0.101			0.289	-0.394	0.162	-0.207						
F201	0.844	-0.250			-0.016	0.336	0.452	0.352						
F202	0.664	-0.343			0.295	0.529	0.579	0.362						
F203	0.320	-0.339			0.315	0.132	0.204	0.145						
F204	0.546	0.345			0.567	0.148	0.506	-0.013						
F205	0.355	-0.054			0.332	0.300	0.480	0.122						
F206	0.666	-0.554			-0.192	0.237	-0.179	0.499						
F207	0.603	-0.639			-0.405	0.517	-0.088	0.578						
F208	0.949	-0.277			-0.436	0.360	-0.053	0.100						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
F209	0.557	-0.358			-0.272	0.168	0.122	0.377						
F210	-0.337	0.340			0.500	-0.022	0.304	0.123						
F211	0.553	-0.718			-0.205	0.186	-0.038	0.219						
F212	1.000	-0.030			-0.196	0.398	0.404	0.353						
F213	0.068	1.000			0.397	-0.353	0.355	-0.476						
F214	0.771	0.083			-0.043	-0.062	0.208	-0.058						
F215	0.336	0.136			0.767	0.306	0.825	0.073						
F216	0.175	-0.333			0.768	-0.129	0.360	-0.200						
F217	-0.105	-0.013			0.553	0.126	0.522	0.088						
F218	0.440	0.299			0.279	-0.083	0.360	-0.137						
F219	0.560	-0.623			-0.015	0.294	-0.071	0.197						
F220	0.061	0.422			0.671	-0.391	0.564	-0.493						
F221	0.303	0.542			-0.180	-0.235	-0.133	-0.195						
F222	0.619	0.245			-0.056	-0.216	0.106	-0.006						
F223	0.854	-0.050			0.160	0.050	0.438	0.000						
F225	0.821	0.007			0.372	0.427	0.632	0.248						
F226	0.913	0.036			-0.063	0.518	0.605	0.469						
F227	0.613	0.597			-0.061	-0.251	-0.011	-0.546						
F228	0.813	-0.262			0.423	-0.116	0.219	-0.177						
F230	0.545	0.543			0.574	-0.242	0.602	-0.285						
F231	0.787	-0.075			0.108	0.072	0.348	0.072						
F232	0.516	-0.304			0.236	0.858	0.737	0.368						
F233	0.757	0.359			-0.233	-0.319	-0.069	-0.183						
F234	0.471	0.092			-0.766	0.188	-0.500	0.318						
F235	0.300	-0.201			-0.550	0.068	-0.313	0.166						
F236	0.398	0.421			0.337	-0.068	0.259	-0.133						
F237	0.723	0.253			0.360	0.004	0.269	-0.253						
F238	0.330	-0.066			0.781	0.115	0.919	-0.034						
F239	0.638	0.464			0.046	-0.264	0.304	-0.273						
F240	0.781	0.193			-0.203	0.093	0.098	0.106						
F241	0.267	0.124			0.355	-0.052	0.355	-0.274						
F242	0.450	0.816			0.171	-0.639	0.041	-1.000						
F243	0.887	-0.190			-0.076	0.290	0.174	0.277						
F244	0.598	-0.320			-0.067	0.100	-0.170	0.077						
F245	-0.067	0.124			-0.084	-0.114	-0.008	-0.039						
F246	0.562	0.500			-0.027	-0.399	-0.005	-0.348						
F248	0.153	0.738			0.966	-0.435	0.663	-0.581						
F249	0.868	-0.300			-0.157	0.239	-0.084	0.172						
F250	0.153	-0.124			-0.736	-0.798	-1.000	-0.608						
F251	0.648	-0.685			0.152	0.408	0.254	0.149						
F252	0.716	-0.462			-0.318	0.519	0.195	0.553						
F253	0.903	-0.435			-0.117	0.071	-0.057	0.082						
F254	0.450	0.345			-0.049	-0.243	0.223	-0.090						
F255	0.178	0.265			0.565	-0.140	0.515	-0.030						
F256	0.623	-0.142			-0.068	0.116	-0.005	0.125						
F257	0.334	0.673			-0.117	-0.558	-0.170	-0.452						
F258	0.616	-0.004			0.413	-0.022	0.272	-0.379						
F259	0.455	-0.519			0.079	0.312	0.402	0.242						
F260	0.404	0.494			0.392	0.075	0.341	-0.036						
F261	0.931	-0.280			0.097	0.234	0.443	0.236						
F262	0.768	0.383			0.313	-0.212	0.297	-0.581						
F263	0.566	-0.271			0.224	0.231	0.198	0.092						
F264	0.657	-0.294			-0.446	-0.006	-0.318	-0.333						
F265	0.480	0.272			0.871	0.062	0.878	-0.203						
F266	0.892	0.062			0.255	0.094	0.360	0.029						
F267	0.796	0.207			0.519	-0.298	0.315	-0.383						
F268	0.124	-0.423			-0.368	0.659	-0.074	0.539						
F269	0.168	-0.029			1.000	0.031	0.677	-0.128						
F270	0.767	0.304			0.223	-0.433	0.016	-0.103						
F271	0.520	0.467			0.353	-0.190	0.223	-0.505						
F272	0.736	-0.238			-0.195	0.228	0.018	0.239						
F273	0.786	-0.013			-0.013	0.543	0.419	0.418						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
F274	0.032	-0.181			0.032	0.216	0.110	0.236						
F275	0.532	0.582			0.003	-0.310	-0.026	-0.279						
F276	0.647	-0.561			-0.282	0.306	0.125	0.371						
F277	0.046	0.303			0.583	0.017	0.439	-0.101						
F278	0.554	-0.428			-0.388	0.216	-0.290	-0.072						
F279	0.239	0.076			-0.413	-0.478	-0.144	-0.327						
F280	0.541	0.149			0.342	0.039	0.100	0.044						
F281	0.624	-0.633			-0.267	0.624	0.006	0.620						
F282	0.818	-0.269			-0.319	0.118	0.030	-0.078						
F283	0.679	-0.154			-0.218	-0.069	-0.123	0.021						
F284	0.655	-0.155			0.203	0.571	0.459	0.487						
F301	0.548	-0.616			-0.158	0.229	-0.006	0.258						
F302	0.450	-0.397			-0.143	0.396	0.127	0.367						
F303	0.358	0.210			-0.064	0.301	0.179	0.408						
F304	0.194	-0.688			-0.036	0.190	-0.115	-0.005						
F305	0.705	-0.753			0.153	0.681	0.082	0.617						
F306	0.784	-0.147			0.211	0.038	0.439	0.010						
F307	0.671	-0.488			-0.261	0.572	0.240	0.517						
F308	0.581	0.074			-0.464	0.614	0.316	0.397						
F310	0.636	-0.307			0.242	0.701	0.566	0.530						
F312	0.524	-0.190			-0.044	-0.088	0.244	0.002						
F313	0.205	0.218			0.031	0.266	0.278	0.194						
F314	0.681	-0.183			-0.022	0.569	0.571	0.445						
F315	0.665	0.241			-0.414	-0.250	-0.132	-0.048						
F316	-0.152	-0.343			-0.285	0.220	-0.219	-0.037						
F317	-0.200	0.336			-0.166	0.149	-0.001	0.157						
F318	0.239	0.251			-0.182	-0.022	-0.038	0.059						
F319	-0.372	0.257			0.226	-0.197	-0.020	-0.176						
F320	0.333	0.170			0.146	0.088	0.057	0.043						
F321	0.696	0.204			0.432	-0.128	0.141	-0.291						
F322	0.683	0.079			0.131	0.049	0.159	-0.279						
F323	0.786	-0.260			-0.276	0.242	-0.075	0.219						
F324	0.396	-0.162			0.520	0.345	0.667	0.166						
F325	0.732	-0.455			-0.688	0.112	-0.430	0.303						
F326	0.620	0.148			-0.019	0.113	0.233	0.134						
F327	0.726	-0.602			-0.381	0.410	-0.175	0.277						
F329	0.925	0.040			-0.118	0.080	0.176	0.111						
F330	0.544	0.027			-0.258	-0.471	-0.325	0.035						
F331	0.426	-0.230			-0.022	-0.014	0.130	-0.070						
F332	-0.004	0.566			0.107	-0.636	-0.011	-0.608						
F333	0.586	0.270			-0.028	-0.294	-0.026	-0.195						
F334	-0.203	0.103			-0.268	0.099	-0.220	0.154						
F335	0.580	0.655			0.028	-0.424	0.127	-0.369						
F336	0.657	0.350			0.200	0.075	0.343	0.024						
F337	0.514	0.186			0.050	0.119	0.205	0.064						
F338	0.826	-0.406			-0.696	0.399	-0.260	0.125						
F339	0.755	-0.305			-0.056	0.243	0.034	0.290						
F340	0.507	-0.789			0.098	0.160	-0.048	0.220						
F341	0.510	-0.513			-0.154	0.270	-0.038	0.084						
F342	0.255	0.139			-0.332	0.707	0.270	0.437						
F344	0.659	0.383			0.296	-0.031	0.371	-0.356						
F345	0.030	0.270			0.421	-0.194	0.228	-0.225						
F346	0.392	0.571			0.315	-0.408	0.509	-0.208						
F347	0.665	0.527			-0.111	-0.409	0.042	-0.331						
F348	0.521	-0.151			-0.258	0.505	0.152	0.493						
F349	0.770	0.217			0.020	-0.150	0.166	-0.321						
F351	0.518	-0.784			-0.172	1.000	0.035	0.946						
F352	-0.024	-0.369			-0.030	0.117	-0.084	0.179						
F353	0.815	-0.043			0.126	-0.061	0.378	-0.029						
F354	0.336	0.322			-0.259	-0.110	-0.206	-0.084						
F355	0.583	0.296			-0.308	-0.207	0.052	-0.157						
F356	0.375	0.595			0.116	-0.607	-0.033	-0.465						

Descriptors/Mean acceptable/Product/ Consumer id	MDPREF		PCA		Modified- PREFMAP		CVA		SAS PLS1		Unscrambler PLS1		Unscrambler PLS1 (passified)	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2
F357	0.794	0.025			0.177	0.162	0.215	0.112						
F358	0.600	0.516			0.420	-0.458	0.133	-0.216						
F359	0.669	-0.138			-0.075	0.399	0.200	0.433						
F360	-0.112	0.238			0.142	-0.192	-0.047	-0.237						
F361	-0.249	0.071			0.237	0.078	0.107	0.033						
F362	0.137	-0.019			0.269	-0.111	-0.043	0.011						
F363	0.234	0.056			-0.100	0.129	-0.053	0.128						
F364	0.744	-0.006			0.180	-0.042	0.060	-0.021						
F365	0.001	-0.507			-0.237	0.283	-0.286	0.340						
F367	0.316	0.036			0.109	-0.077	0.196	-0.094						
F368	0.616	-0.184			-0.636	0.158	-0.429	-0.059						
F369	0.103	0.460			-0.333	-0.124	-0.118	-0.103						
F371	0.664	-0.579			-0.178	0.367	0.085	0.455						
F372	0.261	0.466			0.030	-0.588	0.306	-0.486						
F373	-0.120	0.119			-0.178	0.133	-0.131	0.088						
F374	0.459	-0.710			0.007	0.543	-0.264	0.499						
F375	0.595	0.191			-0.416	-0.199	-0.001	-0.093						
F376	0.588	0.126			-0.242	0.025	0.081	0.085						
F378	0.785	-0.287			-0.504	0.308	0.016	0.385						
F381	0.318	0.070			0.058	0.051	0.291	0.284						
F382	0.899	0.441			0.216	0.008	0.512	-0.082						
F383	-0.160	-0.213			-0.178	0.026	-0.249	0.040						
F384	0.284	-0.036			-0.452	0.150	-0.237	0.231						

Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2
Strength	-0.575	0.368	-0.477	0.312	0.477	0.312	0.477	0.312	-0.244	1.000	0.234	-0.982
Solvent	-0.911	-0.344	-0.756	-0.291	0.756	-0.291	0.756	-0.291	0.641	0.575	-0.666	-0.691
Lemon	0.598	-0.416	0.496	-0.353	-0.496	-0.353	-0.496	-0.353	0.154	-0.630	-0.114	0.826
Lime	-0.522	-0.715	-0.433	-0.606	0.433	-0.606	0.433	-0.606	0.590	0.068	-0.899	-0.015
Bergamot	-0.810	-0.247	-0.672	-0.209	0.672	-0.209	0.672	-0.209	0.526	0.575	-0.635	-0.567
Grapefruit	-0.008	-0.584	-0.006	-0.495	0.006	-0.495	0.006	-0.495	0.423	-0.123	-0.434	0.222
Orange	0.530	-0.424	0.440	-0.359	-0.440	-0.359	-0.440	-0.359	0.192	-0.795	-0.234	0.878
Peel	0.379	-0.643	0.314	-0.545	-0.314	-0.545	-0.314	-0.545	0.205	-0.507	-0.423	0.655
OtherCitrus	-0.253	-0.070	-0.210	-0.059	0.210	-0.059	0.210	-0.059	0.000	0.027	-0.223	-0.069
Fruity	0.790	0.614	0.656	0.521	-0.655	0.521	-0.655	0.521	-1.000	-0.644	1.000	0.458
Berry	0.432	0.519	0.359	0.440	-0.359	0.440	-0.359	0.440	-0.603	-0.438	0.615	0.365
TreeFruit	0.723	0.722	0.600	0.612	-0.600	0.612	-0.600	0.612	-0.897	-0.370	0.997	0.276
Melon	0.679	0.368	0.563	0.312	-0.563	0.312	-0.563	0.312	-0.692	-0.425	0.794	0.369
Tropical	0.736	0.319	0.611	0.270	-0.611	0.270	-0.611	0.270	-0.667	-0.425	0.732	0.404
SweetArom	0.246	1.000	0.204	0.847	-0.204	0.847	-0.204	0.847	-0.872	0.192	0.929	-0.334
Vanilla	0.009	0.557	0.007	0.472	-0.007	0.472	-0.007	0.472	-0.205	0.068	0.372	-0.255
Coumarin	-0.272	0.810	-0.226	0.686	0.226	0.686	0.226	0.686	-0.359	0.521	0.565	-0.848
BrownSweet	-0.118	0.736	-0.098	0.624	0.098	0.624	0.098	0.624	-0.167	0.329	0.582	-0.561
FruitySweet	0.751	0.456	0.623	0.386	-0.623	0.386	-0.623	0.386	-0.423	-0.575	0.702	0.595
Spicy	-0.919	0.206	-0.763	0.175	0.763	0.175	0.763	0.175	0.192	0.603	-0.359	-0.674
BlackSpice	-0.546	-0.495	-0.453	-0.419	0.453	-0.419	0.453	-0.419	0.551	0.205	-0.601	-0.179
BrownSpice	-0.881	0.298	-0.731	0.253	0.731	0.253	0.731	0.253	0.231	0.575	-0.279	-0.680
Floral	-0.037	0.868	-0.030	0.736	0.030	0.736	0.030	0.736	-0.769	0.740	0.843	-0.814
Rose	0.526	0.242	0.437	0.205	-0.437	0.205	-0.437	0.205	-0.397	-0.192	0.617	0.211
WhiteFlower	-0.454	0.774	-0.377	0.656	0.377	0.656	0.377	0.656	-0.436	0.795	0.492	-0.999
Muguet	0.372	-0.116	0.308	-0.099	-0.308	-0.099	-0.308	-0.099	0.064	-0.219	0.069	0.321
SweetFloral	0.101	0.827	0.084	0.701	-0.084	0.701	-0.084	0.701	-0.577	0.137	0.748	-0.334
Violet	0.140	0.152	0.116	0.129	-0.116	0.129	-0.116	0.129	-0.051	-0.192	0.085	0.308
SpicyFloral	-0.848	0.128	-0.704	0.108	0.704	0.108	0.704	0.108	0.154	0.534	-0.325	-0.764
OtherFloral	0.057	0.542	0.047	0.459	-0.047	0.459	-0.047	0.459	-0.474	0.397	0.704	-0.592
Aldehydic	0.076	-0.749	0.063	-0.635	-0.063	-0.635	-0.063	-0.635	0.449	-0.096	-0.394	0.169
Herbaceous	-0.885	-0.289	-0.734	-0.245	0.734	-0.245	0.734	-0.245	0.641	0.521	-0.755	-0.472
FloralHerb	-0.842	-0.033	-0.699	-0.028	0.699	-0.028	0.699	-0.028	0.564	0.589	-0.569	-0.539
DriedHerb	-0.227	-0.922	-0.188	-0.781	0.188	-0.781	0.188	-0.781	0.551	0.027	-0.675	0.047
Green	0.754	-0.010	0.626	-0.009	-0.626	-0.009	-0.626	-0.009	-0.308	-0.493	0.436	0.526
Fresh	0.829	0.070	0.688	0.060	-0.688	0.060	-0.688	0.060	-0.462	-0.562	0.509	0.552
WoodyNutty	-0.673	-0.512	-0.558	-0.434	0.558	-0.434	0.558	-0.434	0.679	0.329	-0.826	-0.230
DryWood	-0.771	-0.321	-0.639	-0.272	0.639	-0.272	0.639	-0.272	0.615	0.425	-0.698	-0.334
OrientalWood	-0.516	-0.342	-0.428	-0.290	0.428	-0.290	0.428	-0.290	0.577	0.274	-0.638	-0.218
ResinPine	-0.242	-0.844	-0.201	-0.715	0.201	-0.715	0.201	-0.715	0.538	0.027	-0.639	-0.015
Resin	-0.332	-0.693	-0.275	-0.587	0.275	-0.587	0.275	-0.587	0.385	0.096	-0.581	-0.111
OzoneMarine	0.289	-0.711	0.239	-0.603	-0.239	-0.603	-0.239	-0.603	0.244	-0.219	-0.258	0.239
Rainy	0.367	-0.633	0.305	-0.537	-0.305	-0.537	-0.305	-0.537	0.141	-0.329	-0.182	0.403
SoapyFloral	0.265	-0.620	0.219	-0.526	-0.220	-0.526	-0.220	-0.526	0.141	-0.123	-0.207	0.149
LeatherMusk	-0.929	0.203	-0.771	0.172	0.771	0.172	0.771	0.172	0.372	0.795	-0.384	-0.820
Musk	-1.000	0.205	-0.830	0.174	0.830	0.174	0.830	0.174	0.487	0.808	-0.423	-0.866
Mean liking												
122	0.002	-0.048	0.001	-0.030	-0.002	-0.048	-0.001	-0.030	0.338	-0.225	-0.335	0.230
196	0.990	0.254	0.398	0.161	-0.990	0.254	-0.398	0.161	-1.000	-0.188	0.992	0.182
211	0.503	0.288	0.202	0.183	-0.503	0.288	-0.202	0.183	-0.730	-0.150	0.732	0.152
219	0.948	-0.368	0.381	-0.234	-0.948	-0.368	-0.381	-0.234	0.297	-1.000	-0.290	1.000
237	-0.523	-0.093	-0.210	-0.059	0.523	-0.093	0.210	-0.059	0.473	0.113	-0.474	-0.113
316	0.177	0.356	0.071	0.226	-0.177	0.356	-0.071	0.226	-0.703	0.338	0.707	-0.331
318	-0.137	0.002	-0.055	0.001	0.137	0.002	0.055	0.001	-0.176	0.575	0.174	-0.575
359	-0.152	0.219	-0.061	0.139	0.152	0.219	0.061	0.139	-0.270	0.138	0.272	-0.141
412	0.043	-0.603	0.017	-0.383	-0.043	-0.603	-0.017	-0.383	0.757	-0.363	-0.752	0.359
420	0.125	0.377	0.050	0.240	-0.125	0.377	-0.050	0.240	-0.649	0.425	0.647	-0.428

Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2
492	-0.515	0.426	-0.207	0.270	0.515	0.426	0.207	0.270	-0.243	0.613	0.242	-0.617
513	-0.452	0.195	-0.182	0.124	0.452	0.195	0.182	0.124	0.068	0.363	-0.069	-0.361
517	-0.425	-0.094	-0.171	-0.060	0.425	-0.094	0.171	-0.060	0.473	0.213	-0.464	-0.207
549	0.352	-0.115	0.142	-0.073	-0.352	-0.115	-0.142	-0.073	0.135	-0.413	-0.140	0.408
621	0.827	0.278	0.333	0.176	-0.827	0.278	-0.333	0.176	-1.000	-0.613	1.000	0.607
638	-0.680	-0.171	-0.273	-0.108	0.680	-0.171	0.273	-0.108	0.459	0.438	-0.457	-0.441
715	0.013	0.379	0.005	0.241	-0.013	0.379	-0.005	0.241	-0.324	-0.113	0.316	0.108
759	-0.532	0.187	-0.214	0.119	0.532	0.187	0.214	0.119	0.054	0.625	-0.055	-0.625
814	-1.000	-0.285	-0.402	-0.181	1.000	-0.285	0.402	-0.181	0.824	0.288	-0.823	-0.291
861	0.612	-0.101	0.246	-0.064	-0.612	-0.101	-0.246	-0.064	-0.189	-0.750	0.186	0.746
910	0.354	-1.000	0.142	-0.635	-0.354	-1.000	-0.142	-0.635	0.689	-0.325	-0.680	0.331
947	-0.531	-0.081	-0.213	-0.051	0.531	-0.081	0.213	-0.051	0.730	-0.013	-0.731	0.007
C1	0.514	0.388	0.392	0.289	-0.392	0.289	-0.392	0.289	-0.776	-0.682	0.776	0.684
C2	0.379	-0.023	-0.396	0.295	0.396	0.295	0.396	0.295	-0.030	0.589	0.030	-0.590
C3	0.225	0.051	0.246	0.205	-0.246	0.205	-0.246	0.205	-0.320	-0.110	0.319	0.109
C4	-0.428	-0.210	-0.033	0.293	0.033	0.293	0.033	0.293	-0.278	0.186	0.277	-0.185
C5	-0.249	0.240	-0.279	-0.243	0.279	-0.243	0.279	-0.243	0.353	0.080	-0.351	-0.083
C6	-0.309	-0.128	-0.060	0.077	0.060	0.077	0.060	0.077	-0.156	-0.622	0.153	0.615
C7	-0.285	-0.350	-0.429	0.017	0.429	0.017	0.429	0.017	0.236	0.077	-0.235	-0.076
C8	-0.145	0.366	-0.435	0.099	0.435	0.099	0.435	0.099	0.094	0.025	-0.097	-0.031
C9	-0.178	0.578	0.065	-0.124	-0.065	-0.124	-0.065	-0.124	0.005	-0.079	-0.004	0.081
C10	0.142	-0.383	0.289	-0.017	-0.289	-0.017	-0.289	-0.017	-0.358	-0.846	0.356	0.843
C11	-0.181	0.565	0.353	-0.097	-0.353	-0.097	-0.353	-0.097	-0.059	-0.314	0.058	0.317
C12	-0.415	0.660	0.252	-0.074	-0.252	-0.074	-0.252	-0.074	-0.110	-0.174	0.111	0.178
C13	0.463	-0.131	0.069	0.291	-0.069	0.291	-0.069	0.291	-0.443	-0.057	0.441	0.055
C14	0.097	0.439	0.111	0.390	-0.111	0.390	-0.111	0.390	-0.487	0.046	0.485	-0.046
C15	0.008	0.524	-0.022	0.025	0.022	0.025	0.022	0.025	0.195	-0.149	-0.197	0.146
C16	0.192	-0.539	-0.046	0.255	0.046	0.255	0.046	0.255	-0.143	-0.002	0.144	0.003
C17	-0.627	0.009	-0.096	0.744	0.096	0.744	0.096	0.744	-0.398	0.214	0.395	-0.218
C18	-0.691	-0.500	-0.055	-0.229	0.055	-0.229	0.055	-0.229	0.534	0.676	-0.531	-0.669
C19	-0.418	-0.114	-0.465	0.212	0.465	0.212	0.465	0.212	0.142	0.410	-0.141	-0.410
C20	0.203	-0.173	-0.162	-0.173	0.162	-0.173	0.162	-0.173	0.600	-0.140	-0.595	0.140
C21	-0.142	-0.169	-0.060	0.061	0.060	0.061	0.060	0.061	0.010	0.106	-0.010	-0.107
C22	0.024	-0.198	0.119	0.309	-0.119	0.309	-0.119	0.309	-0.261	0.249	0.380	-0.086
C23	0.330	-0.100	-0.278	0.184	0.278	0.184	0.278	0.184	0.119	0.003	-0.120	-0.004
C24	-0.622	-0.322	0.498	0.152	-0.498	0.152	-0.498	0.152	-0.922	-0.222	0.924	0.225
C25	-1.000	-0.103	-0.013	-0.445	0.013	-0.445	0.013	-0.445	0.511	-0.241	-0.509	0.243
C26	-0.420	0.361	0.505	0.360	-0.505	0.360	-0.505	0.360	-0.901	-0.072	0.901	0.076
C27	-0.141	-0.081	-0.440	0.084	0.440	0.084	0.440	0.084	0.131	0.314	-0.129	-0.314
C28	-0.239	0.021	-0.019	-0.361	0.019	-0.361	0.019	-0.361	0.498	-0.493	-0.493	0.496
C29	-0.373	-0.329	-0.528	0.213	0.528	0.213	0.528	0.213	0.176	0.577	-0.176	-0.577
C30	0.283	-0.354	0.344	-0.198	-0.344	-0.198	-0.344	-0.198	-0.032	-0.333	0.029	0.333
C32	-0.442	0.672	0.078	0.218	-0.078	0.218	-0.078	0.218	-0.282	0.094	0.279	-0.097
C33	0.703	-0.341	-0.036	0.137	0.036	0.137	0.036	0.137	-0.073	0.021	0.073	-0.021
C34	0.273	0.105	-0.046	0.166	0.046	0.166	0.046	0.166	-0.094	0.172	0.095	-0.173
C35	0.090	0.392	0.068	0.061	-0.068	0.061	-0.068	0.061	-0.074	0.111	0.072	-0.111
C36	0.136	0.079	-0.134	-0.002	0.134	-0.002	0.134	-0.002	0.243	-0.148	-0.240	0.148
C37	-0.246	0.487	-0.144	0.268	0.144	0.268	0.144	0.268	-0.053	0.016	0.053	-0.017
C38	0.037	0.719	-0.021	0.128	0.021	0.128	0.021	0.128	-0.008	0.040	0.007	-0.042
C39	0.235	0.366	0.166	-0.145	-0.166	-0.145	-0.166	-0.145	0.028	-0.154	-0.027	0.154
C40	0.345	-0.030	-0.448	-0.120	0.448	-0.120	0.448	-0.120	0.312	0.015	-0.310	-0.016
C41	0.149	-0.410	-0.479	0.389	0.479	0.389	0.479	0.389	0.002	0.530	-0.004	-0.533
C42	0.059	0.462	0.230	-0.100	-0.230	-0.100	-0.230	-0.100	0.003	-0.122	-0.004	0.121
C43	0.275	-0.147	-0.385	-0.150	0.385	-0.150	0.385	-0.150	0.323	-0.201	-0.324	0.197
C44	-0.339	0.419	-0.405	0.298	0.405	0.298	0.405	0.298	-0.163	0.491	0.163	-0.494
C45	0.146	0.524	0.164	0.249	-0.164	0.250	-0.164	0.250	-0.241	0.051	0.241	-0.050
C46	0.225	0.072	0.164	0.463	-0.164	0.463	-0.164	0.463	-0.824	-0.298	0.821	0.297
C47	-0.279	0.614	-0.640	0.054	0.640	0.054	0.640	0.054	0.436	0.659	-0.433	-0.659
C48	-0.725	0.454	0.483	0.300	-0.483	0.300	-0.483	0.300	-0.798	-0.235	0.797	0.237
C49	-0.312	-0.065	-0.112	0.530	0.112	0.530	0.112	0.530	-0.552	-0.034	0.549	0.031
C50	-0.027	-0.417	-0.324	-0.208	0.324	-0.208	0.324	-0.208	0.576	-0.096	-0.574	0.096
C51	-0.667	0.335	0.014	-0.023	-0.014	-0.023	-0.014	-0.023	-0.028	-0.132	0.028	0.135

Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2
C52	0.223	0.065	-0.259	0.173	0.259	0.173	0.259	0.173	-0.172	-0.296	0.171	0.289
C53	-0.219	-0.284	-0.297	-0.057	0.297	-0.057	0.297	-0.057	0.369	0.043	-0.367	-0.042
C55	-0.238	0.722	-0.030	0.112	0.030	0.112	0.030	0.112	-0.022	-0.165	0.019	0.163
C57	0.096	-0.079	-0.099	0.546	0.099	0.546	0.099	0.546	-0.418	0.142	0.413	-0.147
C58	-0.029	0.033	-0.291	-0.091	0.291	-0.091	0.291	-0.091	0.361	0.061	-0.362	-0.061
C59	0.019	0.334	-0.023	0.077	0.023	0.077	0.023	0.077	-0.157	-0.002	0.157	0.002
C60	0.090	0.647	0.377	0.216	-0.377	0.216	-0.377	0.216	-0.541	-0.136	0.541	0.141
C61	0.759	0.056	-0.086	0.082	0.086	0.082	0.086	0.082	0.088	0.019	-0.090	-0.021
C62	0.068	0.020	0.020	0.302	-0.020	0.302	-0.020	0.302	-0.397	-0.110	0.397	0.110
C63	-0.233	0.689	0.039	-0.062	-0.039	-0.062	-0.039	-0.062	0.068	-0.181	-0.065	0.184
C64	-0.094	0.147	0.123	0.087	-0.123	0.087	-0.123	0.087	-0.113	-0.048	0.114	0.048
C65	0.304	0.050	-0.125	0.084	0.125	0.084	0.125	0.084	-0.017	0.129	0.016	-0.129
C66	0.252	0.003	-0.681	0.175	0.681	0.175	0.681	0.175	0.451	0.571	-0.456	-0.578
C67	0.215	0.014	-0.134	-0.060	0.134	-0.060	0.134	-0.060	0.119	0.121	-0.117	-0.121
C68	-0.341	-0.303	0.504	0.298	-0.504	0.298	-0.504	0.298	-0.810	-0.489	0.807	0.489
C69	-0.060	0.343	-0.241	0.361	0.241	0.361	0.241	0.361	-0.516	0.125	0.513	-0.132
C70	-0.396	0.181	-0.152	0.204	0.152	0.204	0.152	0.204	-0.426	-0.015	0.424	0.008
C71	0.297	0.243	-0.082	0.336	0.082	0.336	0.082	0.336	-0.164	0.130	0.164	-0.130
C72	-0.654	0.226	-0.128	-0.172	0.128	-0.172	0.128	-0.172	0.353	-0.177	-0.354	0.177
C73	0.059	0.420	-0.300	0.008	0.300	0.008	0.300	0.008	0.376	0.457	-0.377	-0.458
C74	-0.242	-0.031	-0.235	0.100	0.235	0.100	0.235	0.100	0.079	0.203	-0.080	-0.202
C75	-0.223	-0.165	-0.405	-0.504	0.405	-0.504	0.405	-0.504	0.904	-0.059	-0.902	0.060
C76	-0.653	0.053	0.207	-0.072	-0.207	-0.072	-0.207	-0.072	-0.054	-0.209	0.058	0.213
C77	0.240	0.740	0.048	0.471	-0.048	0.471	-0.048	0.471	-0.408	0.058	0.409	-0.055
C78	-0.153	0.107	0.565	-0.001	-0.565	0.000	-0.565	0.000	-0.424	-0.841	0.425	0.845
C79	-0.126	1.000	0.269	0.228	-0.269	0.228	-0.269	0.228	-0.192	0.211	0.194	-0.204
C81	-0.355	-0.089	-0.363	0.048	0.363	0.048	0.363	0.048	0.173	0.316	-0.176	-0.320
C82	-0.141	0.038	-0.256	-0.185	0.256	-0.185	0.256	-0.185	0.374	0.176	-0.374	-0.178
C83	0.124	0.565	-0.577	0.395	0.577	0.395	0.577	0.395	-0.150	0.967	0.150	-0.971
C84	0.247	0.373	-0.201	-0.036	0.201	-0.036	0.201	-0.036	0.198	-0.386	-0.198	0.383
C85	-0.071	-0.308	-0.415	0.327	0.415	0.327	0.415	0.327	0.136	0.324	-0.135	-0.324
C86	-0.610	0.285	0.036	0.535	-0.036	0.535	-0.036	0.535	-0.389	0.099	0.386	-0.099
C87	-0.519	0.396	-0.416	0.516	0.417	0.516	0.417	0.516	-0.401	0.286	0.397	-0.291
C88	-0.213	-0.232	-0.353	0.245	0.353	0.245	0.353	0.245	-0.116	0.489	0.118	-0.491
C89	-0.079	0.081	-0.431	0.110	0.431	0.110	0.431	0.110	0.192	0.126	-0.191	-0.127
C90	0.157	0.415	-0.413	-0.068	0.413	-0.068	0.413	-0.068	0.308	0.512	-0.306	-0.511
C91	-0.364	0.247	-0.157	0.442	0.157	0.442	0.157	0.442	-0.244	0.153	0.242	-0.155
C92	0.653	0.205	-0.085	0.525	0.085	0.525	0.085	0.525	-0.318	0.163	0.316	-0.163
C93	-0.017	-0.598	0.135	0.089	-0.135	0.089	-0.135	0.089	-0.136	-0.355	0.136	0.355
C94	0.662	0.483	-0.097	-0.165	0.097	-0.165	0.097	-0.165	0.375	-0.325	-0.374	0.325
C95	-0.576	0.113	0.196	-0.033	-0.196	-0.033	-0.196	-0.033	0.071	-0.385	-0.075	0.385
C96	-0.025	-0.485	0.357	0.304	-0.357	0.304	-0.357	0.304	-0.610	-0.309	0.606	0.311
C97	-0.692	0.286	-0.097	-0.038	0.097	-0.038	0.097	-0.038	0.159	-0.058	-0.161	0.057
C98	0.323	0.275	0.206	-0.383	-0.206	-0.383	-0.206	-0.383	0.184	-0.321	-0.181	0.325
C99	0.451	-0.266	-0.049	-0.449	0.049	-0.449	0.049	-0.449	0.546	-0.335	-0.544	0.339
C100	0.102	0.293	0.172	0.038	-0.172	0.038	-0.172	0.038	-0.162	-0.057	0.161	0.058
C101	-0.047	0.184	-0.327	-0.156	0.327	-0.156	0.327	-0.156	0.318	0.160	-0.316	-0.160
C102	-0.060	0.223	-0.190	0.178	0.190	0.178	0.190	0.178	-0.160	-0.120	0.001	-0.102
C103	0.089	0.082	-0.236	-0.095	0.236	-0.095	0.236	-0.095	0.199	0.036	-0.199	-0.037
C104	-0.175	-0.002	-0.217	-0.260	0.217	-0.260	0.217	-0.260	0.522	-0.229	-0.523	0.228
C105	-0.189	0.360	-0.110	0.272	0.110	0.272	0.110	0.272	-0.190	0.081	0.190	-0.080
C106	-0.028	0.173	-0.136	0.430	0.136	0.430	0.136	0.430	-0.232	0.107	0.232	-0.107
C107	0.217	-0.194	0.108	-0.285	-0.108	-0.285	-0.108	-0.285	0.313	0.136	-0.309	-0.129
C108	-0.043	0.394	-0.138	0.420	0.138	0.420	0.138	0.420	-0.371	0.263	0.369	-0.265
C109	-0.588	-0.161	-0.317	0.491	0.317	0.491	0.317	0.491	-0.216	0.398	0.214	-0.400
C110	-0.628	0.523	0.074	0.327	-0.074	0.327	-0.074	0.327	-0.083	-0.011	0.082	0.011
C111	0.302	-0.134	0.006	0.390	-0.006	0.390	-0.006	0.390	-0.671	-0.447	0.663	0.436
C112	-0.505	-0.202	0.146	-0.401	-0.146	-0.401	-0.146	-0.401	0.239	-0.404	-0.239	0.405
C114	-0.532	0.401	-0.478	0.007	0.478	0.007	0.478	0.007	0.288	-0.021	-0.288	0.014
C115	0.215	0.335	-0.527	-0.372	0.527	-0.372	0.527	-0.372	0.471	-0.073	-0.470	0.071
C116	0.215	0.623	-0.319	-0.085	0.319	-0.085	0.319	-0.085	0.178	-0.217	-0.180	0.211
C117	-0.839	0.072	0.155	-0.128	-0.155	-0.128	-0.155	-0.128	-0.031	-0.510	0.030	0.510

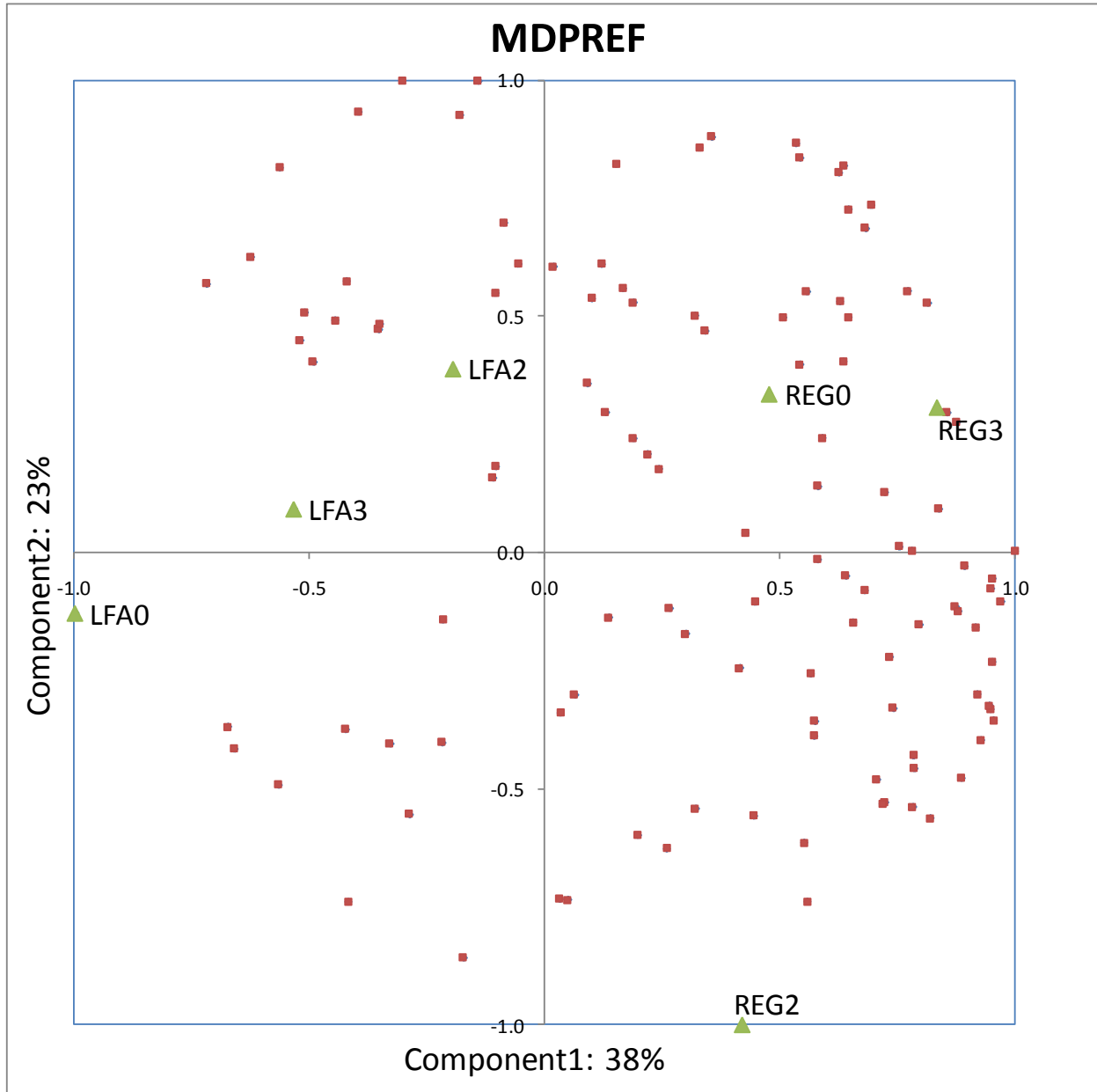
Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2
	C118	0.633	0.404	-0.108	-0.126	0.108	-0.126	0.108	-0.126	0.329	0.103	-0.329
C119	-0.146	0.712	0.018	-0.147	-0.018	-0.147	-0.018	-0.147	0.018	-0.667	-0.018	0.661
C120	-0.365	-0.326	-0.475	-0.240	0.475	-0.240	0.475	-0.240	0.670	0.192	-0.668	-0.194
C121	-0.425	-0.280	-0.763	-0.077	0.763	-0.077	0.763	-0.077	0.498	0.656	-0.495	-0.658
C122	0.018	-0.031	-0.320	0.269	0.320	0.269	0.320	0.269	-0.079	0.264	0.079	-0.264
C123	-0.340	0.233	-0.108	-0.060	0.108	-0.060	0.108	-0.060	0.082	-0.087	-0.082	0.086
C124	-0.390	-0.077	-0.182	0.016	0.182	0.016	0.182	0.016	0.215	-0.444	-0.216	0.438
C125	-0.040	0.150	-0.284	-0.245	0.284	-0.245	0.284	-0.245	0.412	0.128	-0.411	-0.126
C126	-0.129	0.734	0.216	-0.263	-0.216	-0.263	-0.216	-0.263	0.104	-0.320	-0.101	0.323
C127	-0.382	-0.122	-0.337	0.501	0.337	0.500	0.337	0.500	-0.115	0.285	0.113	-0.286
C128	-0.030	0.103	0.536	-0.254	-0.536	-0.254	-0.536	-0.254	-0.204	-0.708	0.209	0.713
C129	-0.079	0.104	0.208	0.078	-0.208	0.078	-0.208	0.078	-0.385	-0.003	0.387	0.007
C130	0.494	0.290	0.104	0.059	-0.104	0.059	-0.104	0.059	-0.035	-0.215	0.037	0.217
C131	-0.112	0.110	-0.188	0.362	0.188	0.362	0.188	0.362	-0.176	0.244	0.174	-0.245
C132	0.026	0.406	0.028	0.535	-0.028	0.535	-0.028	0.535	-0.359	-0.065	0.357	0.065
C133	0.051	-0.083	0.179	0.273	-0.179	0.273	-0.179	0.273	-0.553	-0.167	0.550	0.165
C134	0.162	0.117	0.263	-0.022	-0.263	-0.022	-0.263	-0.022	-0.096	-0.354	0.096	0.354
C135	-0.164	0.113	0.114	-0.305	-0.114	-0.305	-0.114	-0.305	0.382	-0.398	-0.380	0.399
C137	-0.893	0.236	0.045	0.344	-0.045	0.344	-0.045	0.344	-0.255	-0.094	0.252	0.094
C138	-0.175	-0.081	0.210	-0.109	-0.210	-0.109	-0.210	-0.109	0.019	-0.292	-0.018	0.294
C139	0.660	0.401	-0.258	0.312	0.258	0.312	0.258	0.312	-0.123	-0.244	0.120	0.237
C140	-0.316	0.485	0.171	0.053	-0.171	0.053	-0.171	0.053	0.063	-0.039	-0.063	0.042
C141	-0.563	0.023	-0.212	0.457	0.213	0.457	0.213	0.457	-0.309	0.231	0.307	-0.231
C142	-0.199	0.274	-0.553	0.338	0.553	0.338	0.553	0.338	0.256	0.474	-0.257	-0.477
C143	-0.107	0.452	-0.238	-0.048	0.238	-0.048	0.238	-0.048	0.354	-0.110	-0.353	0.112
C144	-0.168	-0.231	-0.021	-0.310	0.021	-0.310	0.021	-0.310	0.158	0.001	-0.156	0.001
C145	-0.393	0.011	-0.509	0.250	0.509	0.249	0.509	0.249	0.025	0.518	-0.023	-0.520
C146	-0.308	0.134	0.170	0.049	-0.170	0.049	-0.170	0.049	-0.198	0.066	0.199	-0.061
C147	-0.531	-0.678	-0.167	-0.211	0.167	-0.211	0.167	-0.211	0.425	-0.124	-0.423	0.126
C148	0.272	-0.097	-0.182	0.538	0.182	0.538	0.182	0.538	-0.412	0.370	0.409	-0.372
C149	0.063	0.633	0.074	-0.058	-0.074	-0.058	-0.074	-0.058	0.144	-0.484	-0.149	0.483
C150	0.741	-0.001	0.015	0.249	-0.015	0.249	-0.015	0.249	-0.238	0.159	0.239	-0.158
C151	0.353	0.307	0.069	0.482	-0.069	0.482	-0.069	0.482	-0.539	0.160	0.536	-0.163
C152	-0.570	0.133	0.579	0.041	-0.579	0.041	-0.579	0.041	-0.390	-0.303	0.390	0.306
C153	-0.475	0.065	0.052	0.015	-0.052	0.015	-0.052	0.015	-0.172	-0.218	0.169	0.218
C154	-0.336	-0.249	-0.178	0.513	0.178	0.513	0.178	0.513	-0.497	0.311	0.491	-0.315
C155	-0.756	0.531	-0.072	0.109	0.072	0.109	0.072	0.109	-0.116	-0.093	0.115	0.094
C156	-0.263	-0.049	0.232	0.037	-0.232	0.037	-0.232	0.037	-0.127	0.009	0.127	-0.008
C157	-0.544	0.440	0.192	0.002	-0.192	0.002	-0.192	0.002	-0.064	-0.220	0.061	0.220
C158	0.047	0.719	0.164	0.011	-0.164	0.011	-0.164	0.011	-0.087	-0.124	0.087	0.125
C159	-0.546	0.693	-0.260	-0.226	0.260	-0.226	0.260	-0.226	0.167	0.120	-0.158	-0.116
C160	-0.462	0.329	-0.302	0.135	0.302	0.135	0.302	0.135	0.091	0.137	-0.093	-0.139
C161	-0.565	0.147	0.227	0.181	-0.226	0.181	-0.226	0.181	-0.124	-0.075	0.126	0.075
C163	0.085	-0.166	-0.499	0.168	0.499	0.168	0.499	0.168	0.172	0.107	-0.175	-0.116
C164	-0.541	-0.091	0.045	0.312	-0.045	0.312	-0.045	0.312	-0.193	-0.163	0.196	0.165
C165	-0.206	0.594	-0.185	-0.023	0.185	-0.023	0.185	-0.023	0.229	0.150	-0.228	-0.148
C166	-0.112	0.705	-0.170	-0.123	0.170	-0.123	0.170	-0.123	0.331	-0.258	-0.330	0.258
C167	0.177	0.119	-0.498	0.039	0.498	0.039	0.498	0.039	0.494	0.474	-0.496	-0.477
C168	-0.127	-0.221	0.183	0.551	-0.183	0.551	-0.183	0.551	-0.747	-0.184	0.746	0.182
C169	0.257	-0.045	-0.116	0.080	0.116	0.080	0.116	0.080	-0.089	0.178	0.090	-0.177
C170	0.468	0.408	-0.271	-0.066	0.271	-0.066	0.271	-0.066	0.207	0.045	-0.207	-0.045
C171	-0.127	-0.051	-0.108	0.028	0.108	0.028	0.108	0.028	0.156	0.025	-0.153	-0.022
C172	0.270	-0.515	0.094	0.420	-0.094	0.420	-0.094	0.420	-0.372	-0.032	0.371	0.031
C173	-0.064	-0.603	0.189	0.278	-0.189	0.278	-0.189	0.278	-0.322	-0.408	0.321	0.406
F201	-0.559	0.442	-0.426	0.329	0.426	0.329	0.426	0.329	0.020	0.344	-0.021	-0.347
F202	-0.441	0.644	-0.336	0.479	0.336	0.479	0.336	0.479	-0.298	0.532	0.296	-0.534
F203	-0.083	0.457	-0.063	0.340	0.063	0.340	0.063	0.340	-0.309	0.139	0.309	-0.138
F204	0.057	0.431	0.044	0.321	-0.044	0.321	-0.044	0.321	-0.545	0.158	0.550	-0.157
F205	-0.147	0.526	-0.112	0.391	0.112	0.391	0.112	0.391	-0.347	0.299	0.340	-0.305
F206	-0.495	0.228	-0.378	0.170	0.378	0.170	0.378	0.170	0.204	0.249	-0.202	-0.248
F207	-0.776	0.022	-0.592	0.016	0.592	0.016	0.592	0.016	0.431	0.511	-0.429	-0.511
F208	-0.817	0.271	-0.623	0.202	0.623	0.202	0.623	0.202	0.443	0.363	-0.444	-0.365

Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
	1	2	1	2	1	2	1	2	1	2	1	2
F209	-0.668	0.195	-0.509	0.145	0.509	0.145	0.509	0.145	0.271	0.160	-0.275	-0.165
F210	0.588	0.182	0.448	0.136	-0.448	0.136	-0.448	0.136	-0.506	-0.022	0.507	0.022
F211	-0.841	0.171	-0.641	0.127	0.641	0.127	0.641	0.127	0.206	0.187	-0.206	-0.187
F212	-0.592	0.347	-0.451	0.258	0.451	0.258	0.451	0.258	0.217	0.406	-0.218	-0.406
F213	0.575	0.195	0.439	0.145	-0.439	0.145	-0.439	0.145	-0.399	-0.341	0.399	0.342
F214	-0.185	0.284	-0.141	0.211	0.141	0.211	0.141	0.211	0.046	-0.046	-0.047	0.047
F215	0.055	0.884	0.042	0.658	-0.042	0.658	-0.042	0.658	-0.778	0.318	0.777	-0.319
F216	0.232	0.511	0.177	0.380	-0.177	0.380	-0.177	0.380	-0.756	-0.109	0.757	0.106
F217	0.328	0.461	0.250	0.343	-0.250	0.343	-0.250	0.343	-0.559	0.131	0.557	-0.131
F218	0.167	0.511	0.127	0.380	-0.127	0.380	-0.127	0.380	-0.282	-0.070	0.281	0.069
F219	-0.760	0.472	-0.579	0.351	0.579	0.351	0.579	0.351	-0.052	0.252	0.049	-0.260
F220	0.545	0.584	0.416	0.435	-0.416	0.435	-0.416	0.435	-0.705	-0.380	0.700	0.378
F221	0.007	-0.360	0.005	-0.268	-0.005	-0.268	-0.005	-0.268	0.201	-0.234	-0.199	0.236
F222	-0.155	0.067	-0.118	0.050	0.118	0.050	0.118	0.050	0.059	-0.210	-0.062	0.207
F223	-0.200	0.571	-0.152	0.425	0.152	0.425	0.152	0.425	-0.161	0.074	0.160	-0.074
F225	-0.382	0.928	-0.292	0.691	0.292	0.691	0.292	0.691	-0.379	0.432	0.376	-0.434
F226	-0.570	0.416	-0.435	0.309	0.435	0.309	0.435	0.309	-0.019	0.583	0.020	-0.586
F227	0.001	0.069	0.001	0.052	-0.001	0.052	-0.001	0.052	0.083	-0.223	-0.079	0.227
F228	-0.450	0.740	-0.343	0.551	0.343	0.551	0.343	0.551	-0.457	-0.106	0.451	0.096
F230	0.252	0.529	0.192	0.394	-0.192	0.394	-0.192	0.394	-0.572	-0.228	0.570	0.228
F231	-0.287	0.509	-0.219	0.378	0.219	0.378	0.219	0.378	-0.105	0.086	0.105	-0.086
F232	-0.401	0.586	-0.306	0.436	0.306	0.436	0.306	0.436	-0.422	0.563	0.422	-0.566
F233	-0.088	-0.093	-0.067	-0.069	0.067	-0.069	0.067	-0.069	0.264	-0.284	-0.261	0.287
F234	-0.513	-0.391	-0.391	-0.291	0.391	-0.291	0.391	-0.291	0.804	0.206	-0.798	-0.200
F235	-0.386	-0.283	-0.294	-0.210	0.294	-0.210	0.294	-0.210	0.547	0.067	-0.544	-0.065
F236	0.277	0.506	0.211	0.376	-0.211	0.376	-0.211	0.376	-0.337	-0.060	0.339	0.062
F237	0.016	0.673	0.012	0.501	-0.012	0.501	-0.012	0.501	-0.352	0.024	0.351	-0.023
F238	0.044	0.879	0.033	0.654	-0.033	0.654	-0.033	0.654	-0.814	0.119	0.805	-0.124
F239	0.005	0.226	0.004	0.168	-0.004	0.168	-0.004	0.168	-0.038	-0.252	0.040	0.255
F240	-0.591	0.042	-0.451	0.032	0.451	0.031	0.451	0.031	0.204	0.086	-0.205	-0.088
F241	0.173	0.823	0.132	0.612	-0.132	0.612	-0.132	0.612	-0.370	-0.048	0.368	0.047
F242	0.360	0.154	0.275	0.115	-0.275	0.115	-0.275	0.115	-0.164	-0.621	0.164	0.623
F243	-0.407	0.373	-0.310	0.278	0.310	0.278	0.310	0.278	0.095	0.311	-0.092	-0.309
F244	-0.544	0.162	-0.415	0.121	0.415	0.121	0.415	0.121	0.057	0.091	-0.058	-0.096
F245	-0.016	-0.105	-0.012	-0.078	0.012	-0.078	0.012	-0.078	0.086	-0.109	-0.090	0.106
F246	0.223	-0.130	0.170	-0.097	-0.170	-0.097	-0.170	-0.097	0.044	-0.373	-0.043	0.376
F248	0.683	0.529	0.521	0.394	-0.521	0.394	-0.521	0.394	-0.880	-0.410	0.878	0.410
F249	-0.538	0.455	-0.410	0.339	0.410	0.338	0.410	0.338	0.159	0.258	-0.161	-0.260
F250	-0.099	-0.414	-0.075	-0.308	0.075	-0.308	0.075	-0.308	0.805	-0.849	-0.804	0.849
F251	-0.568	0.666	-0.433	0.496	0.433	0.495	0.433	0.495	-0.150	0.410	0.147	-0.413
F252	-0.715	0.318	-0.545	0.237	0.545	0.237	0.545	0.237	0.327	0.530	-0.326	-0.530
F253	-0.818	0.334	-0.624	0.249	0.624	0.248	0.624	0.248	0.130	0.099	-0.132	-0.108
F254	-0.066	0.099	-0.051	0.074	0.051	0.074	0.051	0.074	0.001	-0.114	0.000	0.114
F255	0.025	0.220	0.019	0.164	-0.019	0.164	-0.019	0.164	-0.555	-0.091	0.555	0.092
F256	-0.378	0.084	-0.288	0.063	0.288	0.063	0.288	0.063	0.074	0.122	-0.072	-0.122
F257	0.395	-0.403	0.301	-0.300	-0.301	-0.300	-0.301	-0.300	0.142	-0.537	-0.138	0.540
F258	-0.080	0.530	-0.061	0.394	0.061	0.394	0.061	0.394	-0.410	-0.017	0.406	0.016
F259	-0.363	0.427	-0.277	0.318	0.277	0.318	0.277	0.318	-0.092	0.316	0.088	-0.320
F260	0.324	0.707	0.247	0.526	-0.247	0.526	-0.247	0.526	-0.399	0.081	0.397	-0.080
F261	-0.460	0.626	-0.351	0.466	0.351	0.466	0.351	0.466	-0.089	0.255	0.089	-0.255
F262	0.010	0.452	0.008	0.337	-0.008	0.337	-0.008	0.337	-0.516	-0.481	0.515	0.478
F263	-0.421	0.644	-0.321	0.479	0.321	0.479	0.321	0.479	-0.101	0.307	0.101	-0.308
F264	-0.435	0.092	-0.332	0.069	0.332	0.068	0.332	0.068	0.457	0.001	-0.458	-0.002
F265	0.204	0.752	0.156	0.559	-0.156	0.559	-0.156	0.559	-0.879	0.066	0.874	-0.067
F266	-0.131	0.634	-0.100	0.472	0.100	0.472	0.100	0.472	-0.253	0.110	0.254	-0.109
F267	-0.058	0.612	-0.045	0.455	0.045	0.455	0.045	0.455	-0.559	-0.300	0.557	0.295
F268	-0.377	0.144	-0.288	0.107	0.288	0.107	0.288	0.107	0.290	0.644	-0.289	-0.641
F269	0.391	0.924	0.298	0.688	-0.298	0.688	-0.298	0.688	-1.000	0.040	1.000	-0.041
F270	-0.001	0.133	-0.001	0.099	0.001	0.099	0.001	0.099	-0.224	-0.420	0.225	0.417
F271	0.174	0.373	0.133	0.278	-0.133	0.278	-0.133	0.278	-0.503	-0.391	0.502	0.390
F272	-0.492	0.064	-0.376	0.047	0.376	0.047	0.376	0.047	0.214	0.237	-0.210	-0.236
F273	-0.549	0.361	-0.418	0.269	0.418	0.269	0.418	0.269	0.024	0.546	-0.025	-0.547

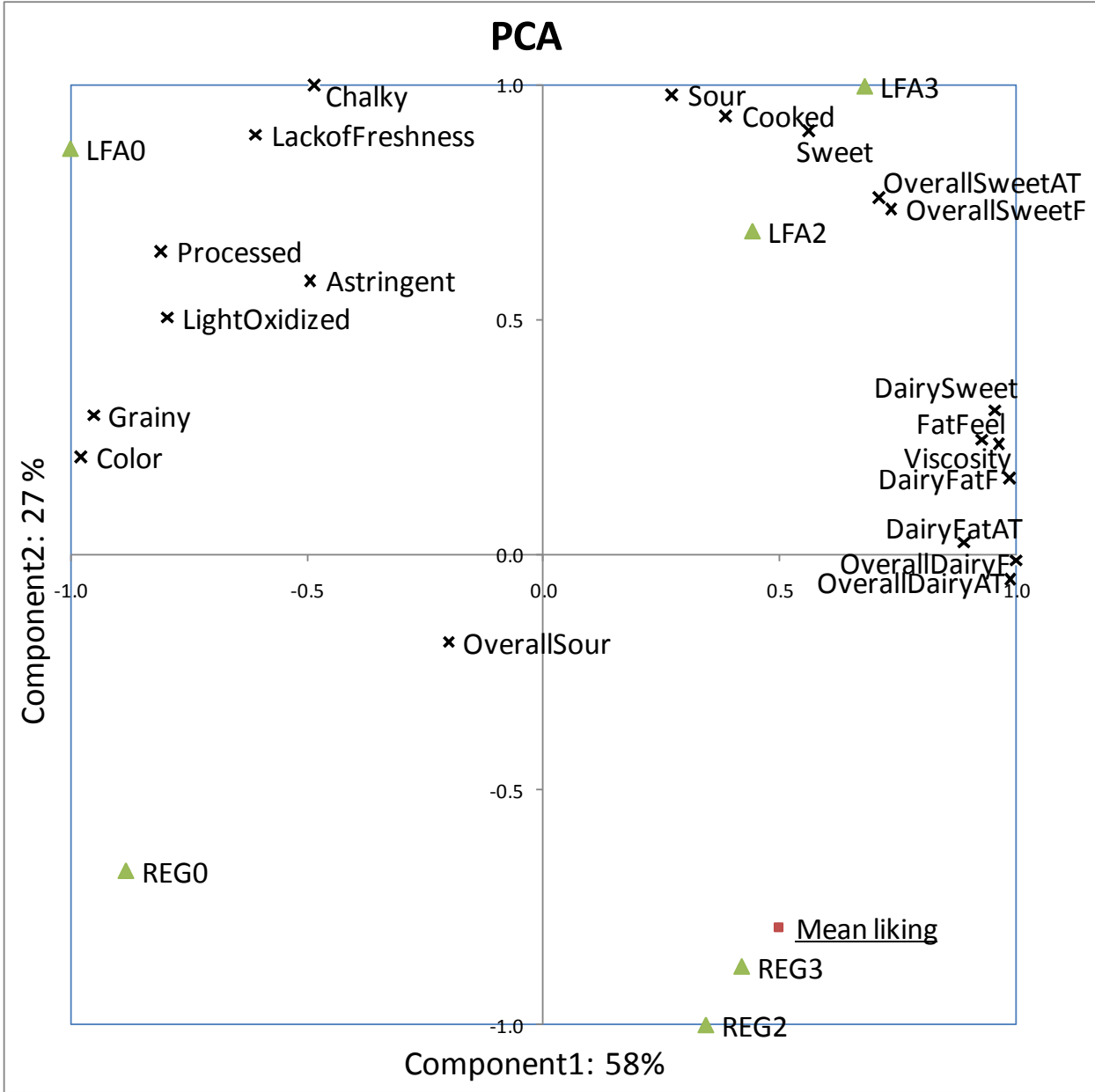
Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
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	F274	-0.170	0.046	-0.130	0.034	0.130	0.034	0.130	0.034	-0.032	0.214	0.028
F275	0.252	-0.099	0.192	-0.074	-0.192	-0.074	-0.192	-0.074	0.013	-0.302	-0.010	0.305
F276	-0.672	0.304	-0.512	0.227	0.512	0.227	0.512	0.227	0.290	0.319	-0.292	-0.323
F277	0.385	0.539	0.294	0.401	-0.294	0.401	-0.294	0.401	-0.591	0.023	0.589	-0.022
F278	-0.672	0.075	-0.512	0.056	0.512	0.055	0.512	0.055	0.403	0.212	-0.402	-0.212
F279	-0.022	-0.258	-0.017	-0.192	0.017	-0.192	0.017	-0.192	0.428	-0.466	-0.426	0.466
F280	0.050	0.230	0.038	0.171	-0.038	0.171	-0.038	0.171	-0.317	0.058	0.320	-0.054
F281	-0.829	0.229	-0.632	0.171	0.632	0.171	0.632	0.171	0.273	0.630	-0.272	-0.630
F282	-0.615	0.309	-0.469	0.230	0.469	0.230	0.469	0.230	0.331	0.127	-0.330	-0.130
F283	-0.280	-0.005	-0.213	-0.004	0.213	-0.004	0.213	-0.004	0.235	-0.055	-0.232	0.058
F284	-0.457	0.392	-0.349	0.292	0.349	0.292	0.349	0.292	-0.191	0.570	0.191	-0.574
F301	-0.608	0.219	-0.464	0.163	0.464	0.163	0.464	0.163	0.164	0.239	-0.162	-0.239
F302	-0.452	0.224	-0.345	0.167	0.345	0.167	0.345	0.167	0.145	0.401	-0.142	-0.403
F303	-0.391	-0.063	-0.298	-0.047	0.298	-0.047	0.298	-0.047	0.069	0.298	-0.068	-0.298
F304	-0.535	0.328	-0.408	0.244	0.408	0.244	0.408	0.244	0.156	0.253	-0.159	-0.256
F305	-0.907	0.684	-0.692	0.509	0.692	0.509	0.692	0.509	-0.089	0.624	0.085	-0.634
F306	-0.226	0.629	-0.173	0.468	0.173	0.468	0.173	0.468	-0.219	0.048	0.215	-0.050
F307	-0.820	0.224	-0.626	0.167	0.626	0.167	0.626	0.167	0.278	0.571	-0.276	-0.573
F308	-0.523	0.059	-0.399	0.044	0.399	0.044	0.399	0.044	0.278	0.497	-0.276	-0.497
F310	-0.552	0.651	-0.421	0.484	0.421	0.484	0.421	0.484	-0.250	0.699	0.249	-0.701
F312	-0.216	0.288	-0.165	0.214	0.165	0.214	0.165	0.214	0.044	-0.071	-0.045	0.069
F313	0.060	0.125	0.046	0.093	-0.046	0.093	-0.046	0.093	-0.160	0.072	0.162	-0.072
F314	-0.723	0.535	-0.552	0.398	0.552	0.398	0.552	0.398	0.017	0.554	-0.020	-0.559
F315	-0.249	-0.271	-0.190	-0.202	0.190	-0.202	0.190	-0.202	0.455	-0.223	-0.452	0.224
F316	-0.394	0.020	-0.300	0.015	0.300	0.015	0.300	0.015	0.268	0.187	-0.272	-0.191
F317	0.292	-0.424	0.223	-0.315	-0.223	-0.315	-0.223	-0.315	0.169	0.133	-0.165	-0.125
F318	-0.245	-0.263	-0.187	-0.196	0.187	-0.196	0.187	-0.196	0.199	-0.015	-0.196	0.015
F319	0.513	-0.060	0.392	-0.044	-0.392	-0.044	-0.392	-0.044	-0.229	-0.194	0.230	0.195
F320	0.001	0.206	0.001	0.153	-0.001	0.153	-0.001	0.153	-0.137	0.092	0.137	-0.091
F321	-0.192	0.546	-0.147	0.406	0.147	0.406	0.147	0.406	-0.477	-0.150	0.474	0.143
F322	-0.266	0.493	-0.203	0.367	0.203	0.367	0.203	0.367	-0.122	0.061	0.121	-0.062
F323	-0.618	0.334	-0.472	0.249	0.472	0.249	0.472	0.249	0.287	0.261	-0.287	-0.264
F324	-0.191	0.745	-0.146	0.554	0.146	0.554	0.146	0.554	-0.547	0.350	0.541	-0.356
F325	-0.729	-0.375	-0.556	-0.279	0.556	-0.279	0.556	-0.279	0.714	0.128	-0.710	-0.126
F326	-0.319	0.259	-0.243	0.193	0.243	0.193	0.243	0.193	-0.046	0.183	-0.024	-0.121
F327	-0.832	0.292	-0.635	0.217	0.635	0.217	0.635	0.217	0.393	0.416	-0.394	-0.420
F329	-0.491	0.373	-0.374	0.277	0.374	0.277	0.374	0.277	0.119	0.090	-0.119	-0.091
F330	-0.293	-0.290	-0.224	-0.216	0.224	-0.216	0.224	-0.216	0.271	-0.435	-0.268	0.436
F331	-0.113	0.275	-0.086	0.205	0.086	0.205	0.086	0.205	0.018	-0.012	-0.018	0.011
F332	0.557	-0.202	0.425	-0.150	-0.425	-0.150	-0.425	-0.150	-0.107	-0.634	0.108	0.637
F333	0.089	-0.061	0.068	-0.046	-0.068	-0.046	-0.068	-0.046	0.050	-0.271	-0.047	0.274
F334	-0.109	-0.322	-0.083	-0.240	0.083	-0.240	0.083	-0.240	0.290	0.102	-0.289	-0.105
F335	0.139	0.031	0.106	0.023	-0.106	0.023	-0.106	0.023	-0.007	-0.405	0.010	0.408
F336	-0.097	0.357	-0.074	0.266	0.074	0.266	0.074	0.266	-0.185	0.094	0.187	-0.092
F337	-0.176	0.223	-0.134	0.166	0.134	0.166	0.134	0.166	-0.045	0.129	0.044	-0.127
F338	-0.782	0.139	-0.597	0.103	0.597	0.103	0.597	0.103	0.711	0.407	-0.712	-0.409
F339	-0.417	0.285	-0.318	0.212	0.318	0.212	0.318	0.212	0.072	0.261	-0.070	-0.259
F340	-0.681	0.501	-0.519	0.373	0.519	0.373	0.519	0.373	-0.102	0.178	0.100	-0.184
F341	-0.436	0.315	-0.333	0.235	0.333	0.235	0.333	0.235	-0.024	0.047	0.019	-0.056
F342	-0.289	0.006	-0.221	0.005	0.221	0.005	0.221	0.005	0.317	0.704	-0.322	-0.702
F344	-0.041	0.431	-0.031	0.321	0.031	0.321	0.031	0.321	-0.270	-0.006	0.271	0.007
F345	0.366	0.186	0.280	0.139	-0.279	0.139	-0.279	0.139	-0.420	-0.177	0.421	0.179
F346	0.154	0.152	0.118	0.113	-0.118	0.113	-0.118	0.113	-0.307	-0.393	0.304	0.391
F347	0.085	-0.030	0.065	-0.022	-0.065	-0.022	-0.065	-0.022	0.120	-0.382	-0.117	0.385
F348	-0.788	0.185	-0.601	0.138	0.601	0.138	0.601	0.138	0.280	0.506	-0.280	-0.510
F349	-0.230	0.335	-0.176	0.249	0.176	0.249	0.176	0.249	-0.006	-0.135	0.006	0.135
F351	-0.808	0.388	-0.616	0.289	0.616	0.289	0.616	0.289	0.185	1.000	-0.184	-1.000
F352	-0.233	-0.056	-0.178	-0.041	0.177	-0.041	0.177	-0.041	0.040	0.121	-0.039	-0.119
F353	-0.193	0.514	-0.147	0.383	0.147	0.383	0.147	0.383	-0.117	-0.036	0.118	0.036
F354	-0.040	-0.317	-0.030	-0.236	0.030	-0.236	0.030	-0.236	0.288	-0.101	-0.283	0.104
F355	-0.169	-0.104	-0.129	-0.078	0.129	-0.078	0.129	-0.078	0.323	-0.192	-0.320	0.194
F356	0.373	-0.072	0.284	-0.054	-0.284	-0.054	-0.284	-0.054	-0.107	-0.574	0.110	0.579

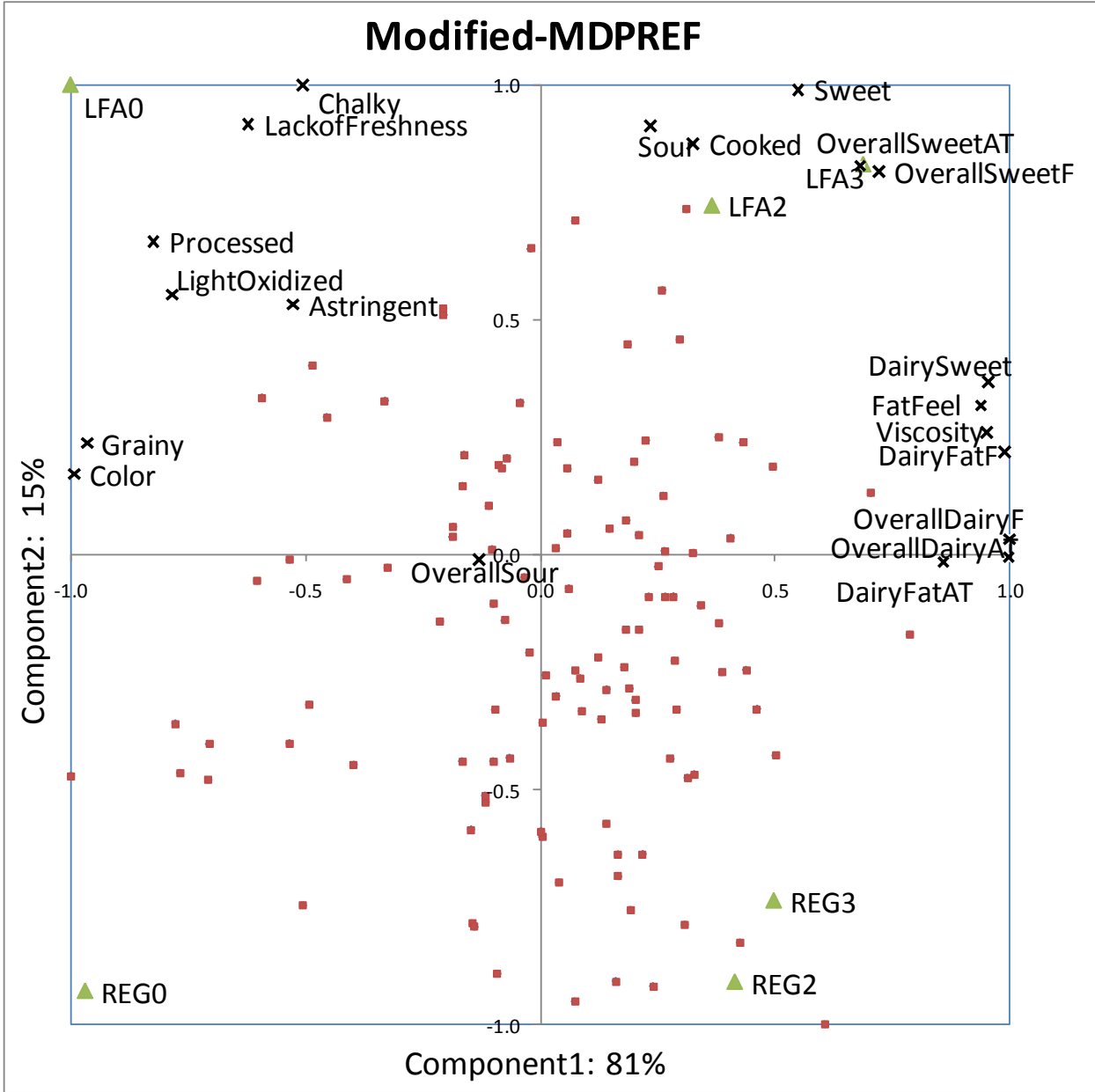
Descriptors/Mean acceptable/Product/ Consumer id	SAS PLS2		XLSTAT PLS2		Unscrambler PLS2		Unscrambler PLS2 (passified)		Senstool GPA		XLSTAT GPA	
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F357	-0.210	0.526	-0.160	0.391	0.160	0.391	0.160	0.391	-0.173	0.174	0.172	-0.173
F358	0.271	0.092	0.207	0.069	-0.207	0.069	-0.207	0.069	-0.405	-0.414	0.408	0.417
F359	-0.625	0.479	-0.476	0.356	0.476	0.356	0.476	0.356	0.072	0.401	-0.075	-0.404
F360	0.287	0.051	0.219	0.038	-0.219	0.038	-0.219	0.038	-0.139	-0.195	0.138	0.195
F361	0.251	0.079	0.192	0.059	-0.192	0.059	-0.192	0.059	-0.249	0.077	0.248	-0.077
F362	0.079	0.093	0.060	0.069	-0.060	0.069	-0.060	0.069	-0.249	-0.091	0.253	0.091
F363	-0.394	-0.030	-0.301	-0.022	0.301	-0.022	0.301	-0.022	0.108	0.125	-0.107	-0.124
F364	-0.155	0.481	-0.118	0.358	0.118	0.358	0.118	0.358	-0.094	-0.043	0.093	0.042
F365	-0.298	-0.187	-0.227	-0.139	0.227	-0.139	0.227	-0.139	0.245	0.283	-0.242	-0.281
F367	0.008	0.355	0.006	0.264	-0.006	0.264	-0.006	0.264	-0.110	-0.079	0.109	0.078
F368	-0.674	-0.189	-0.514	-0.140	0.514	-0.140	0.514	-0.140	0.652	0.163	-0.649	-0.161
F369	0.008	-0.475	0.006	-0.353	-0.006	-0.353	-0.006	-0.353	0.350	-0.122	-0.348	0.125
F371	-0.631	0.164	-0.481	0.122	0.481	0.122	0.481	0.122	0.192	0.376	-0.190	-0.377
F372	0.199	0.105	0.152	0.078	-0.152	0.078	-0.152	0.078	-0.033	-0.552	0.034	0.551
F373	-0.153	-0.297	-0.117	-0.221	0.117	-0.221	0.117	-0.221	0.184	0.122	-0.183	-0.122
F374	-0.574	0.394	-0.438	0.293	0.438	0.293	0.438	0.293	0.012	0.552	-0.009	-0.551
F375	-0.261	-0.143	-0.199	-0.107	0.199	-0.107	0.199	-0.107	0.419	-0.201	-0.421	0.200
F376	-0.379	0.057	-0.289	0.042	0.289	0.042	0.289	0.042	0.254	0.038	-0.253	-0.036
F378	-0.709	0.033	-0.541	0.025	0.541	0.024	0.541	0.024	0.523	0.322	-0.521	-0.322
F381	-0.071	0.137	-0.054	0.102	0.054	0.102	0.054	0.102	-0.059	0.063	0.061	-0.062
F382	-0.167	0.471	-0.127	0.350	0.127	0.350	0.127	0.350	-0.204	0.019	0.203	-0.019
F383	-0.026	-0.028	-0.020	-0.021	0.020	-0.021	0.020	-0.021	0.165	0.030	-0.163	-0.030
F384	-0.365	-0.399	-0.278	-0.297	0.278	-0.297	0.278	-0.297	0.469	0.157	-0.467	-0.155

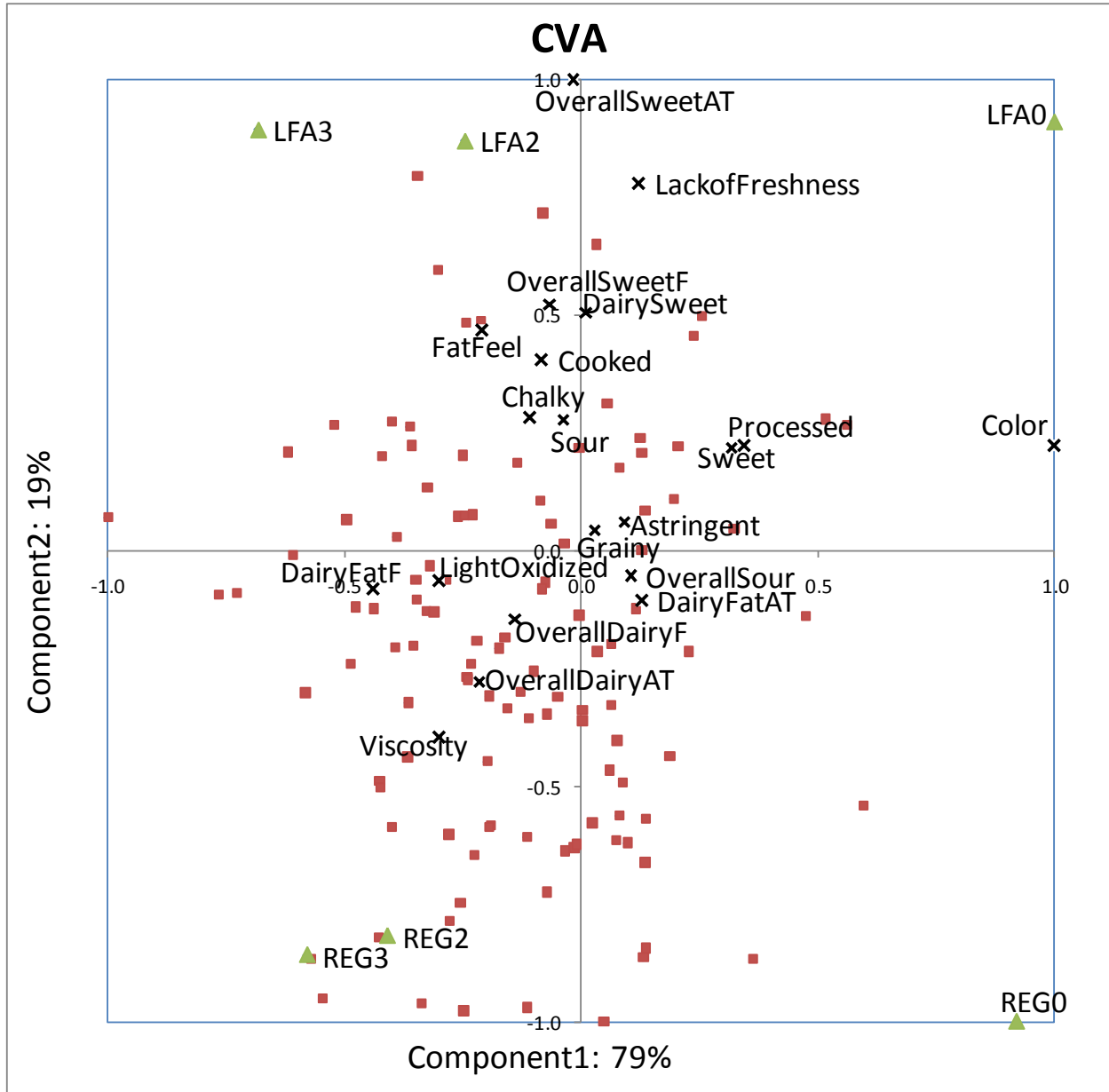
Supplementary Results for Chapter 2C- Biplots from Different Preference Mapping Techniques used for the Milk Study on Components 1 and 2

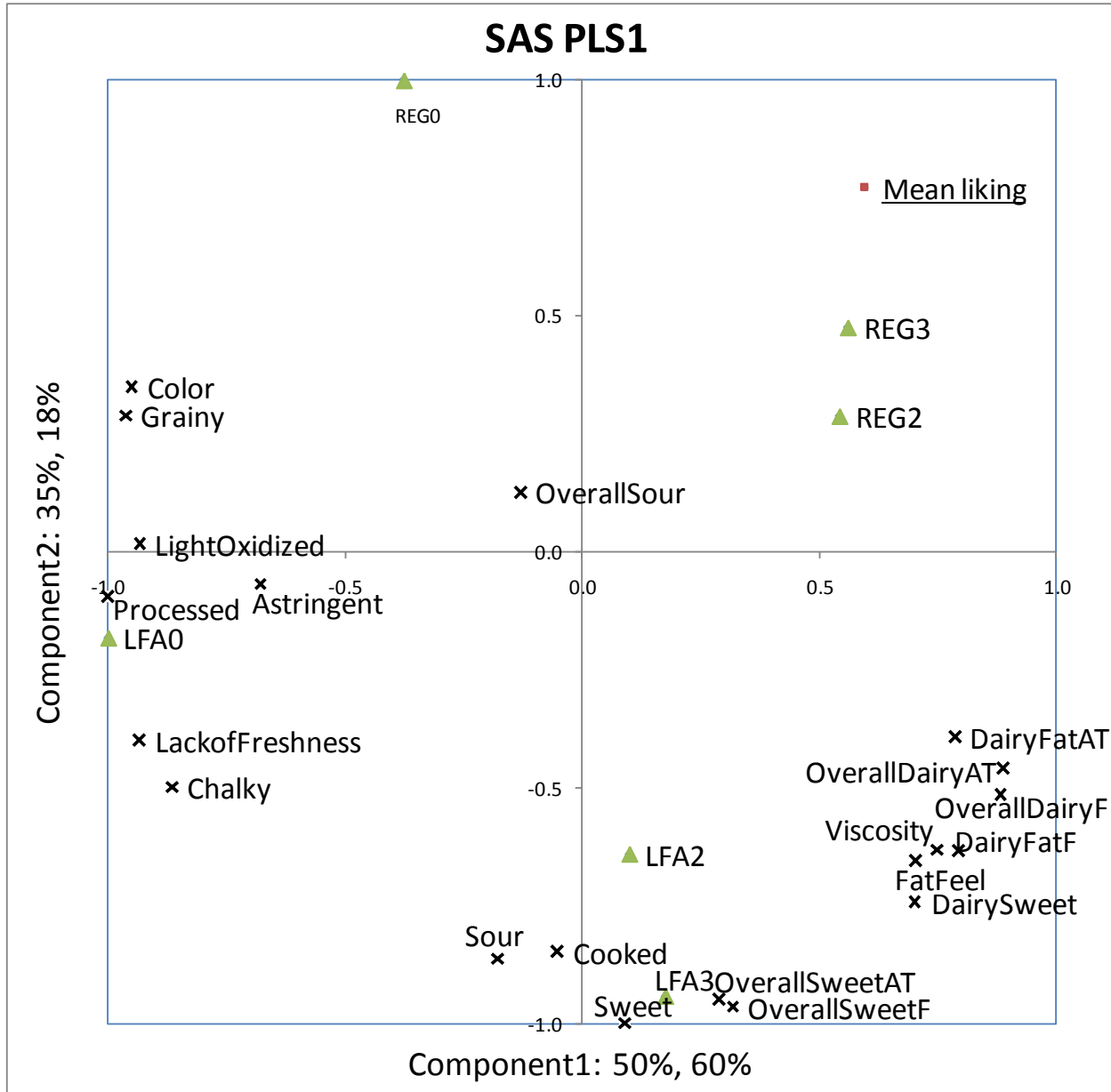


[FatFeel = Fat feel, OverallDairyF = Overall dairy (flavor), DairyFatF = Dairy fat (flavor), DairySweet = Dairy sweet, LackofFreshness= Lack of freshness, LightOxidized = Light-oxidized, OverallSweetF = Overall sweet (flavor), OverallDairyAT = Overall dairy (aftertaste), DairyFatAT = Dairy fat (aftertaste), OverallSweetAT = Overall sweet (aftertaste), OverallSour = Overall sour]

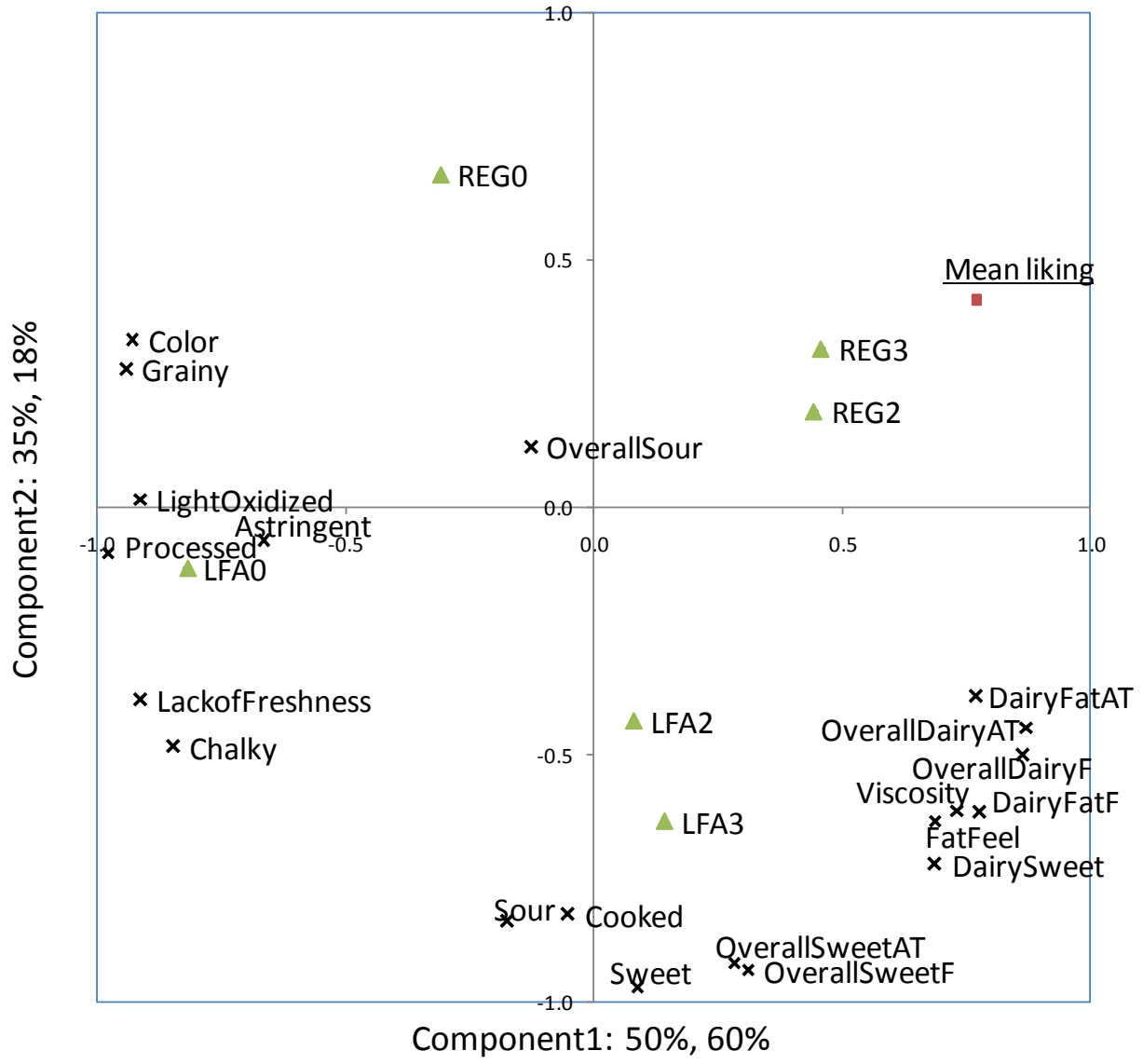


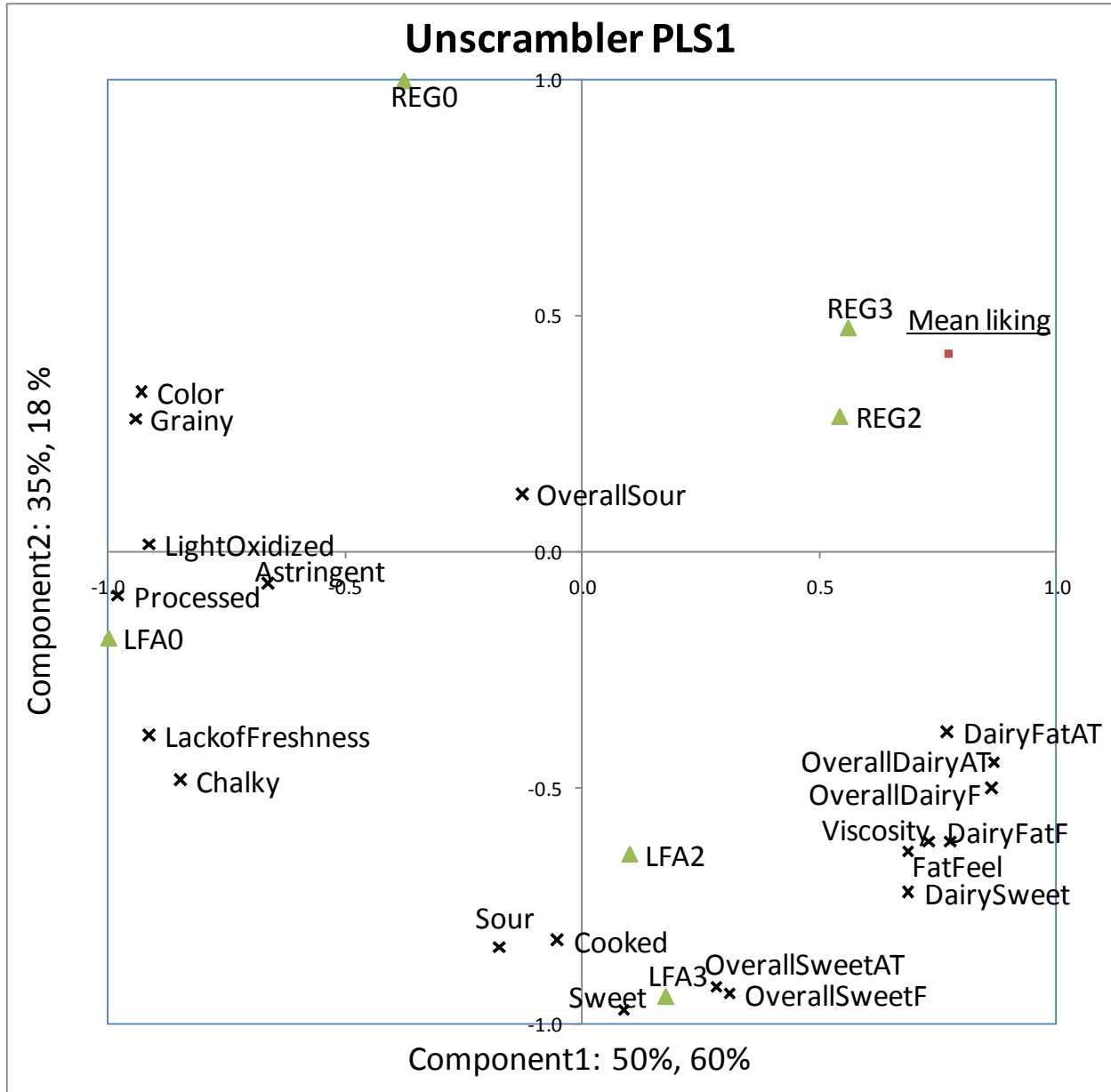


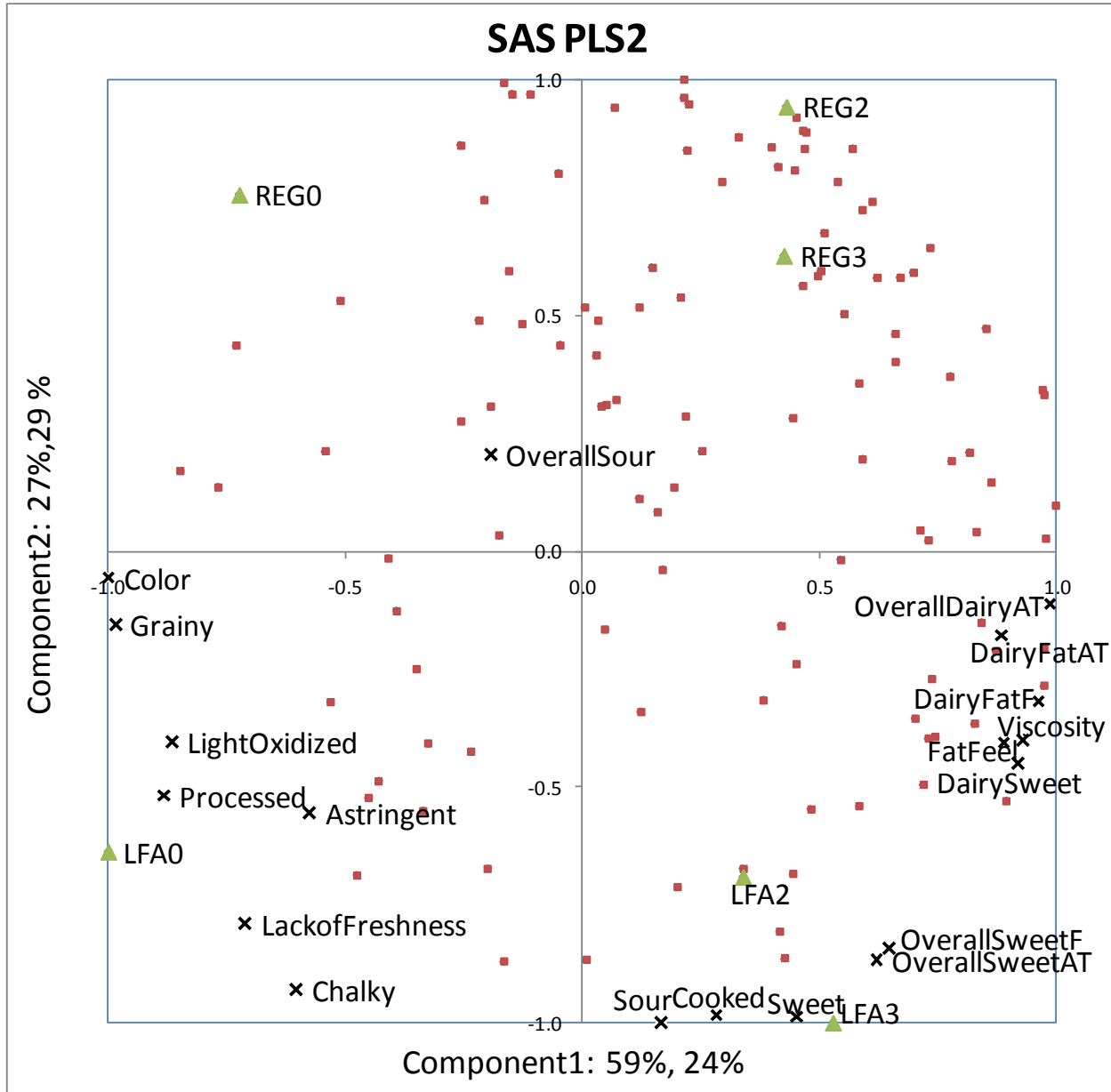




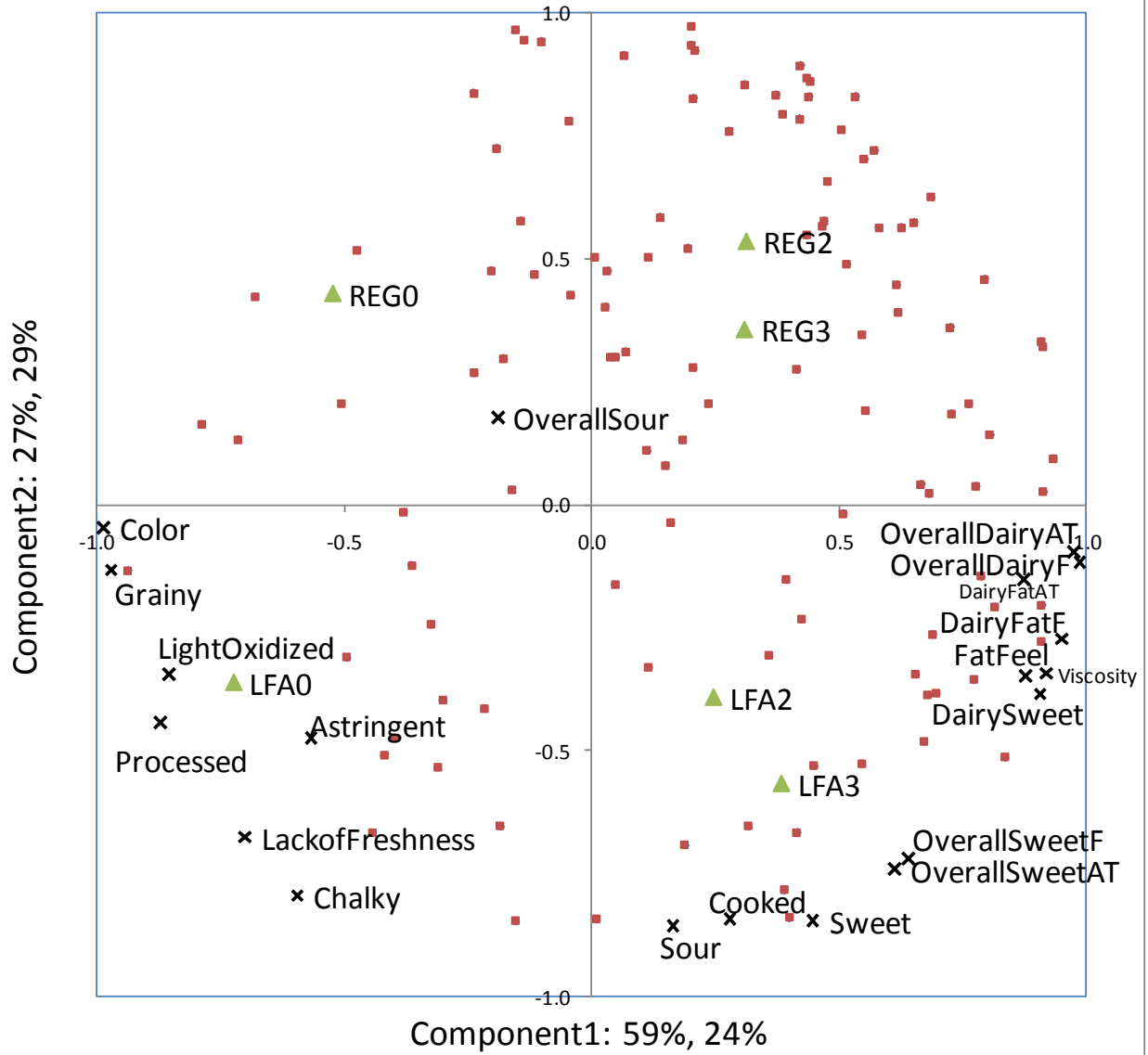
XLSTAT PLS1



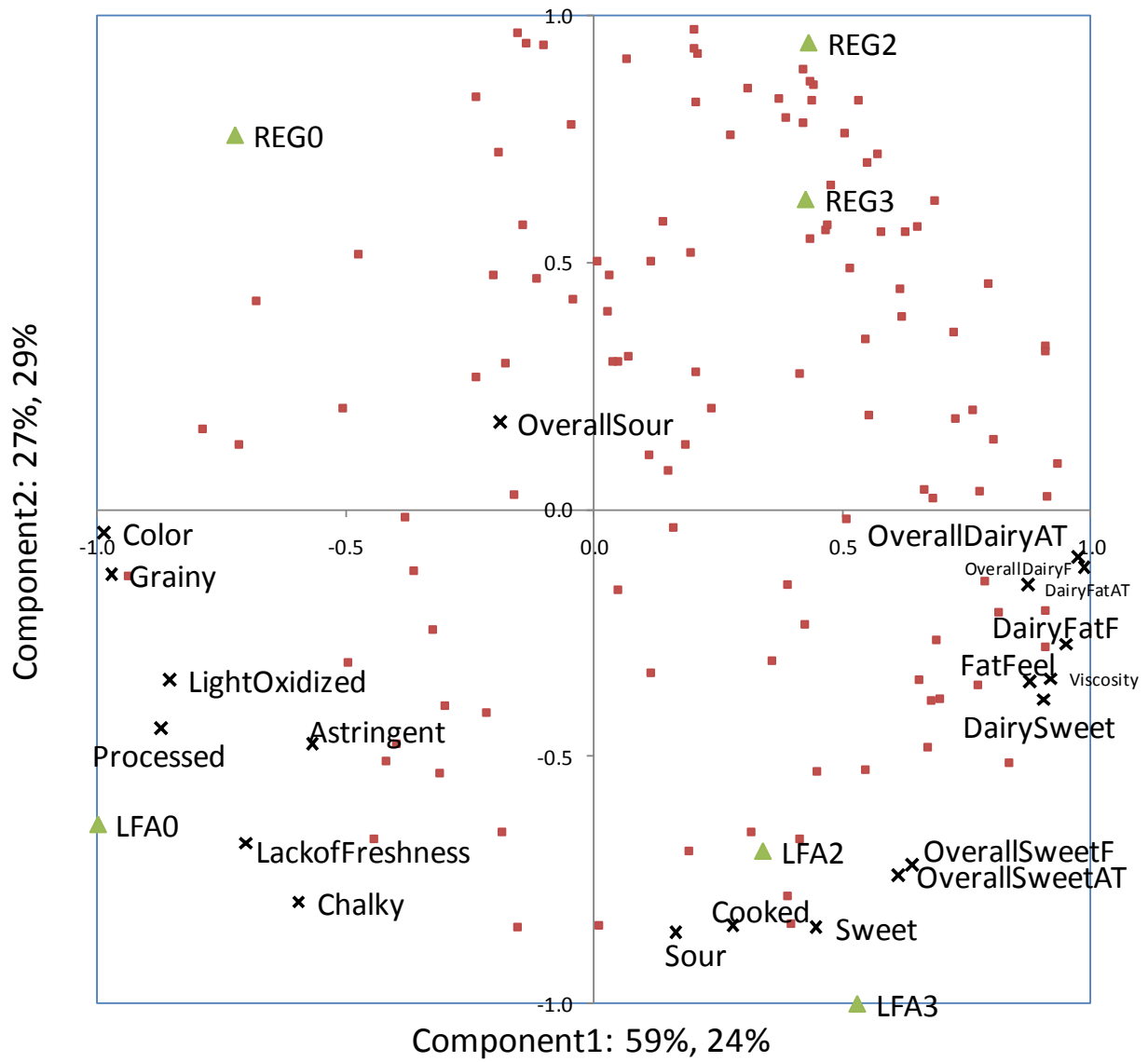




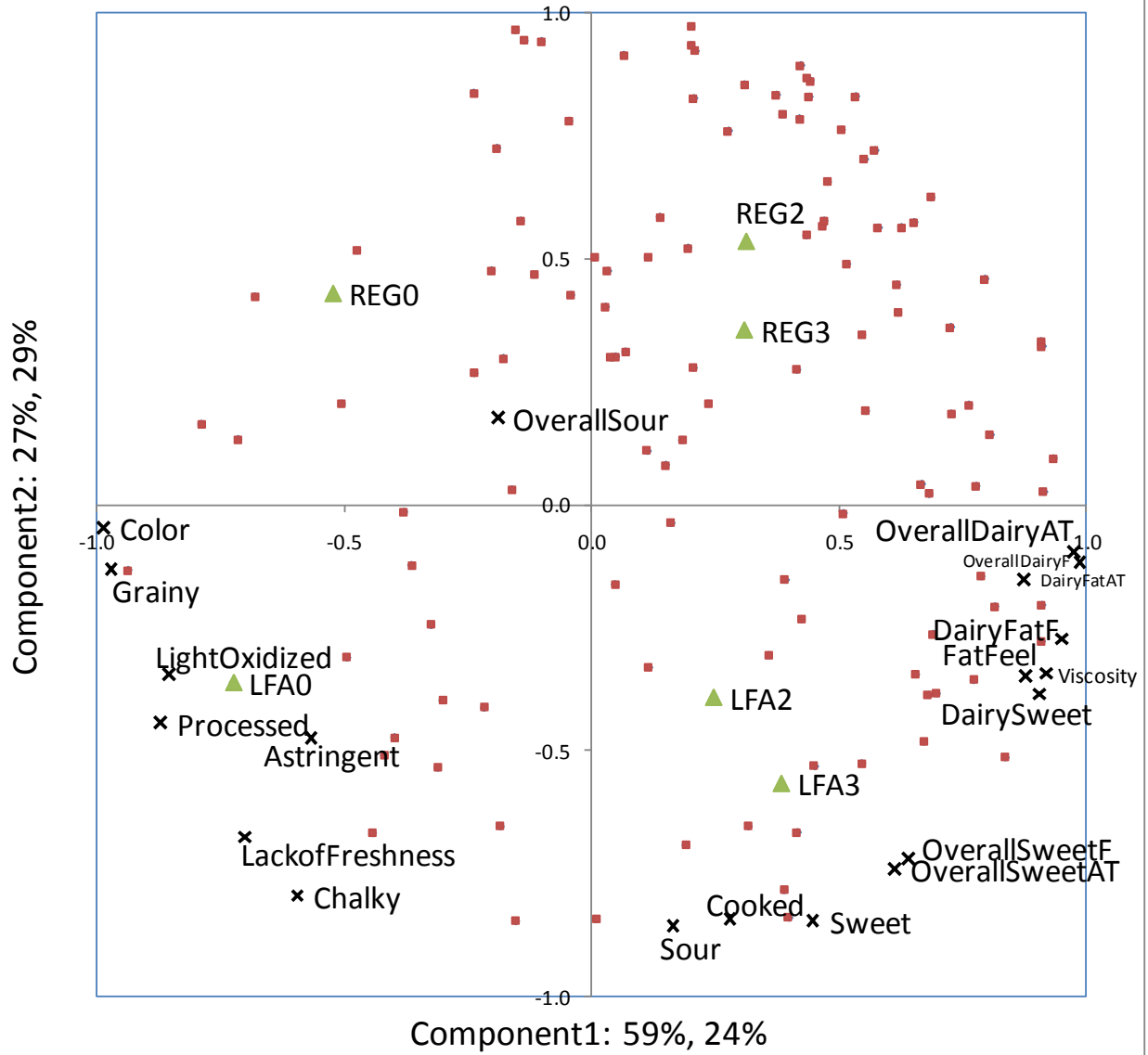
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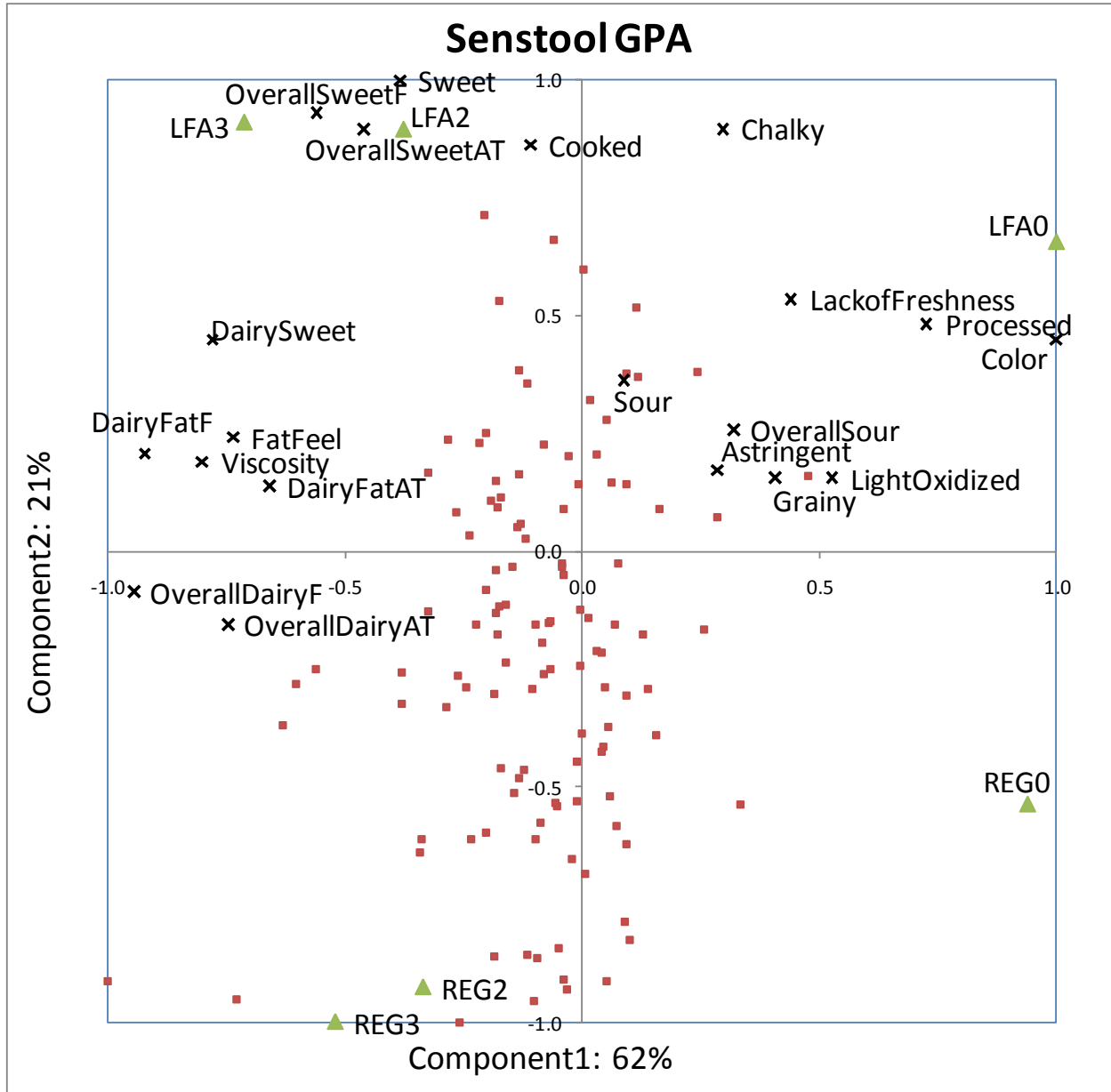


Unscrambler PLS2

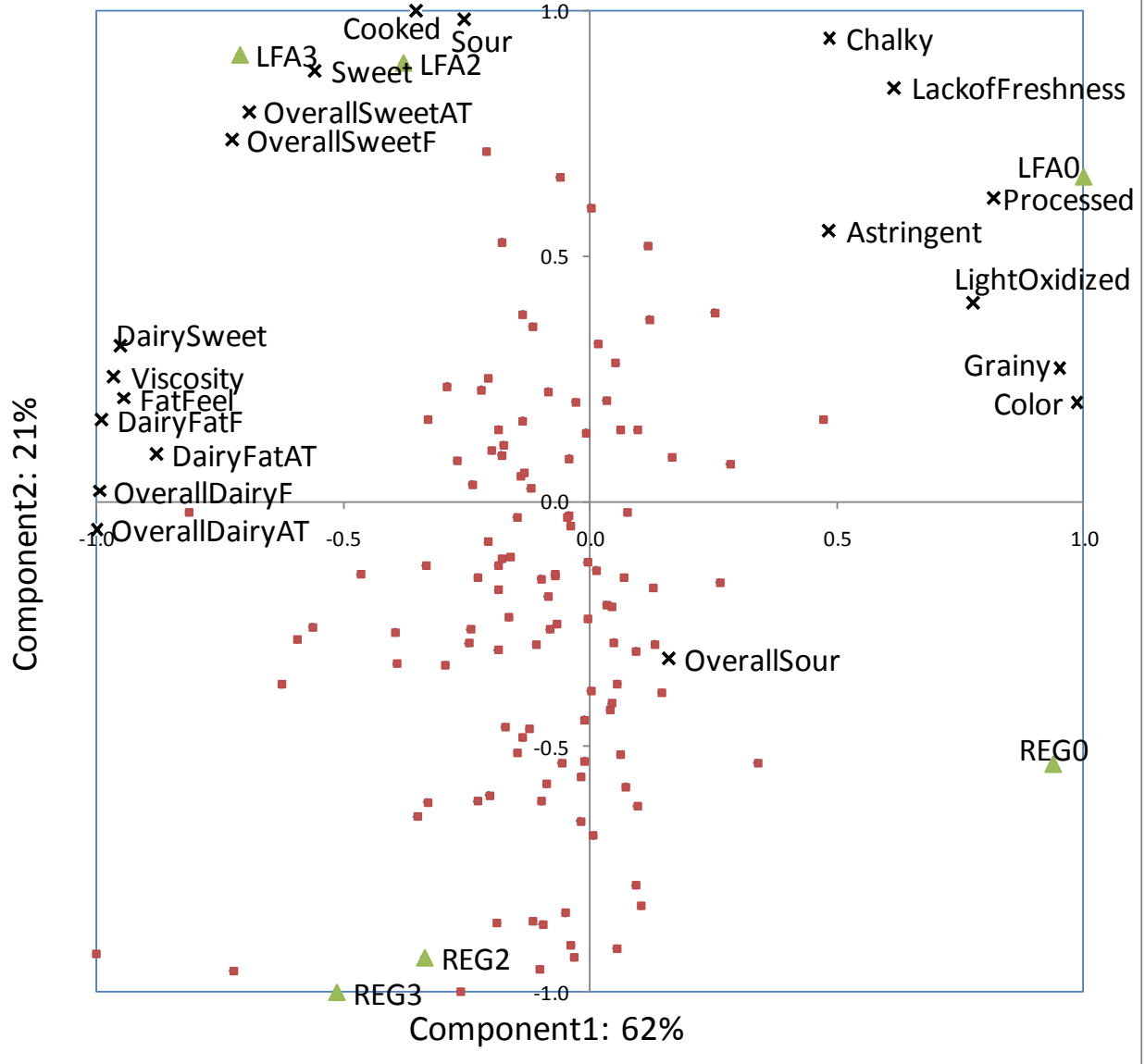


Unscrambler PLS2 (passfied)

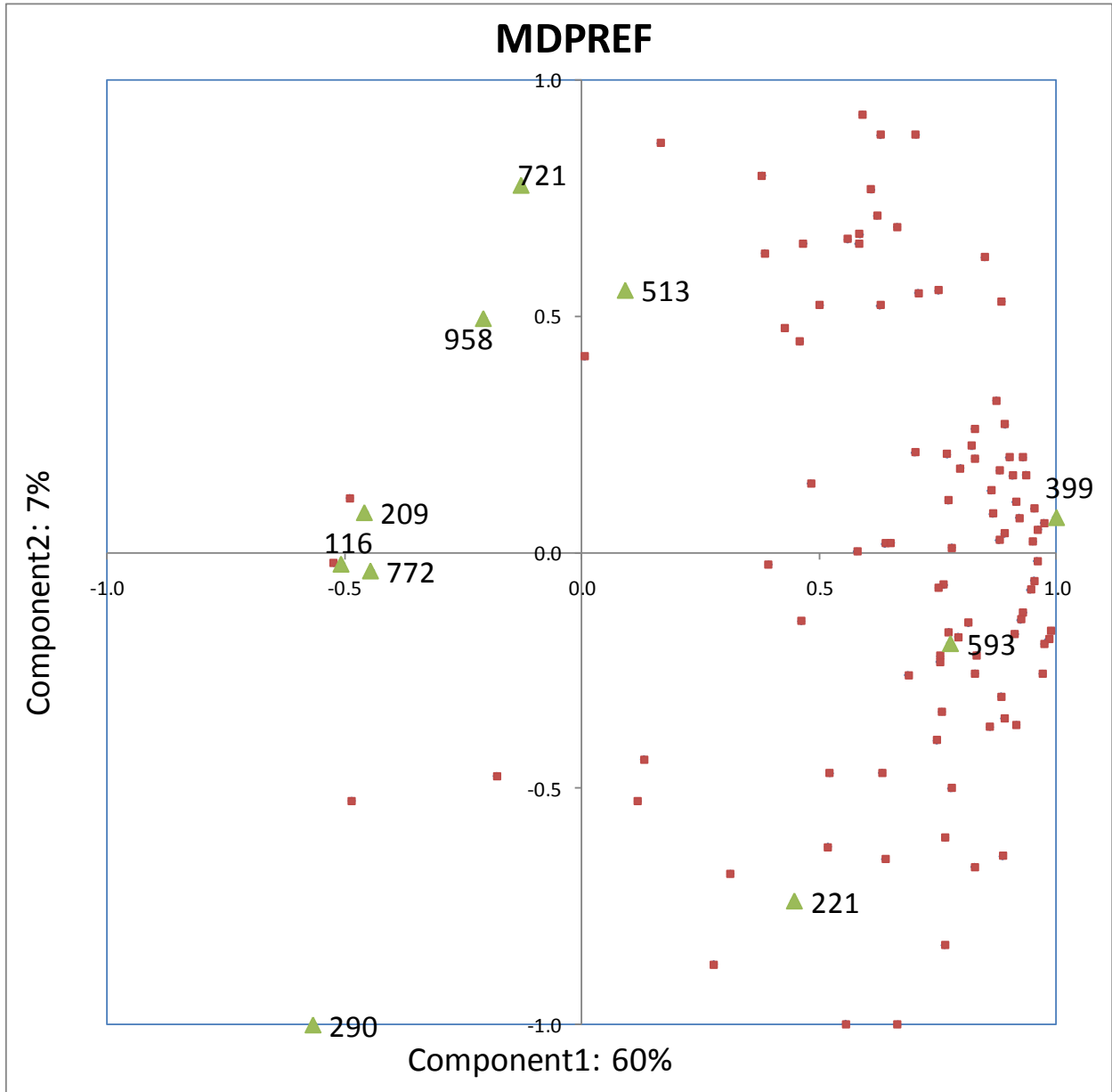




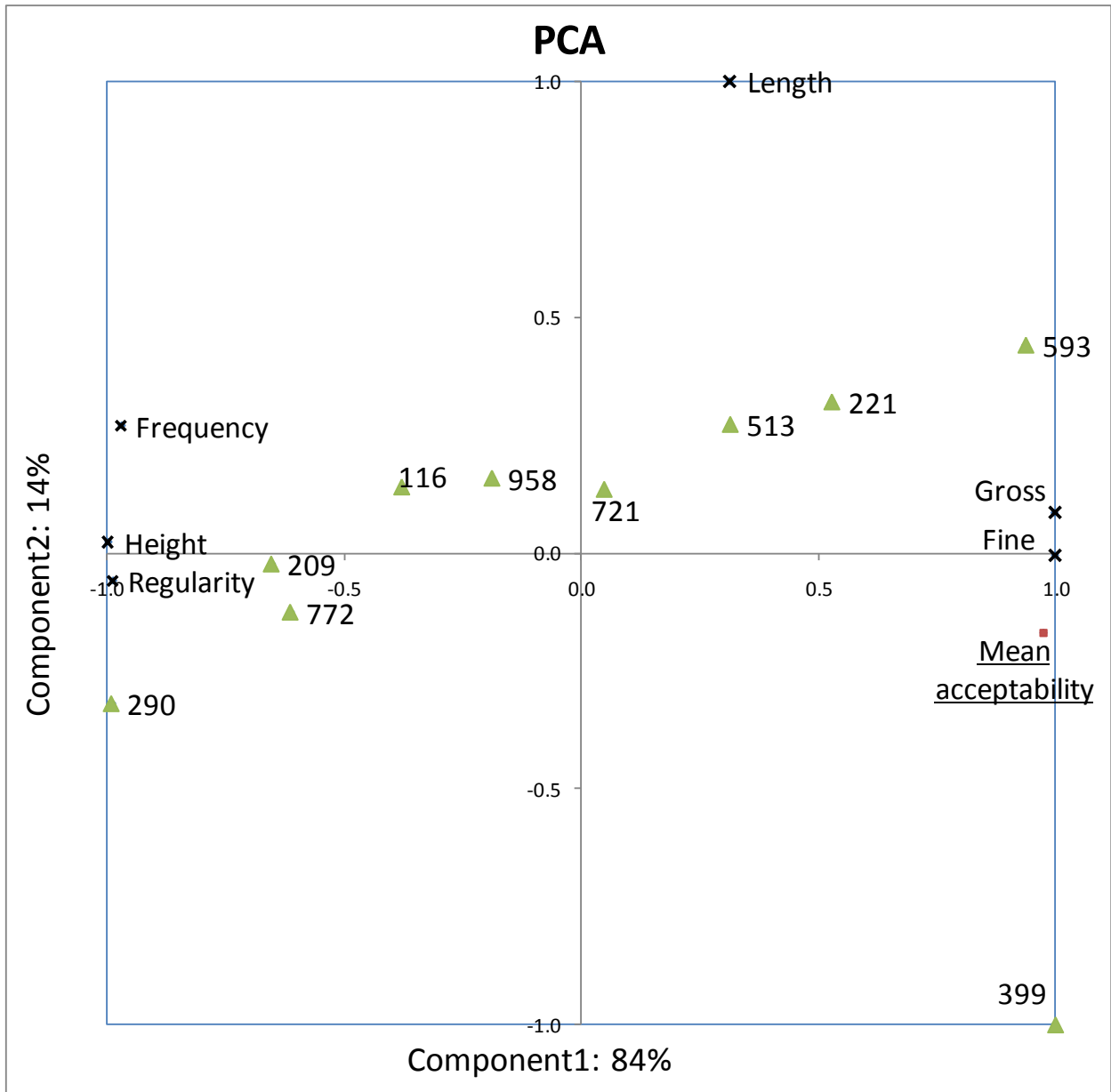
XLSTAT GPA

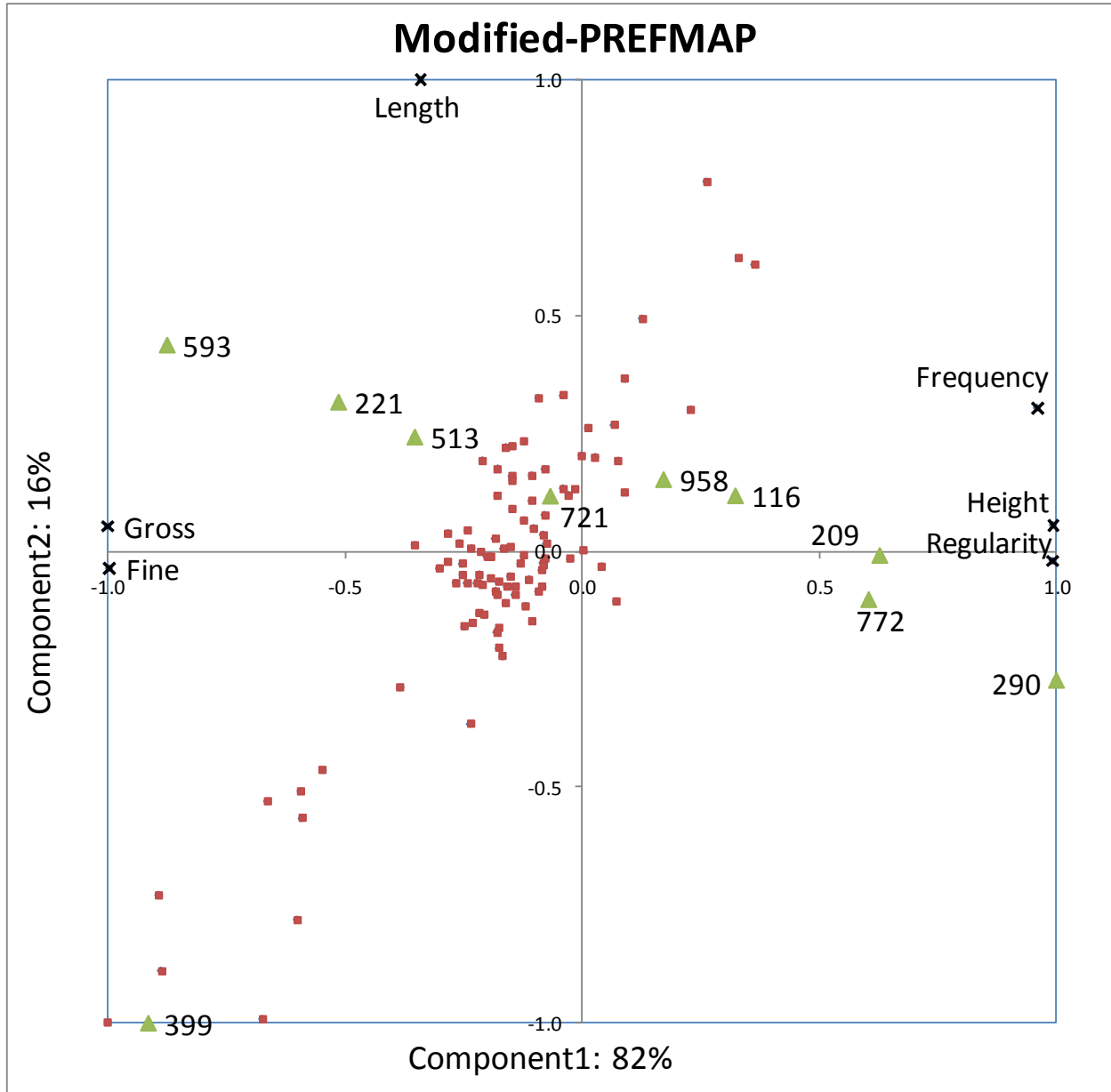


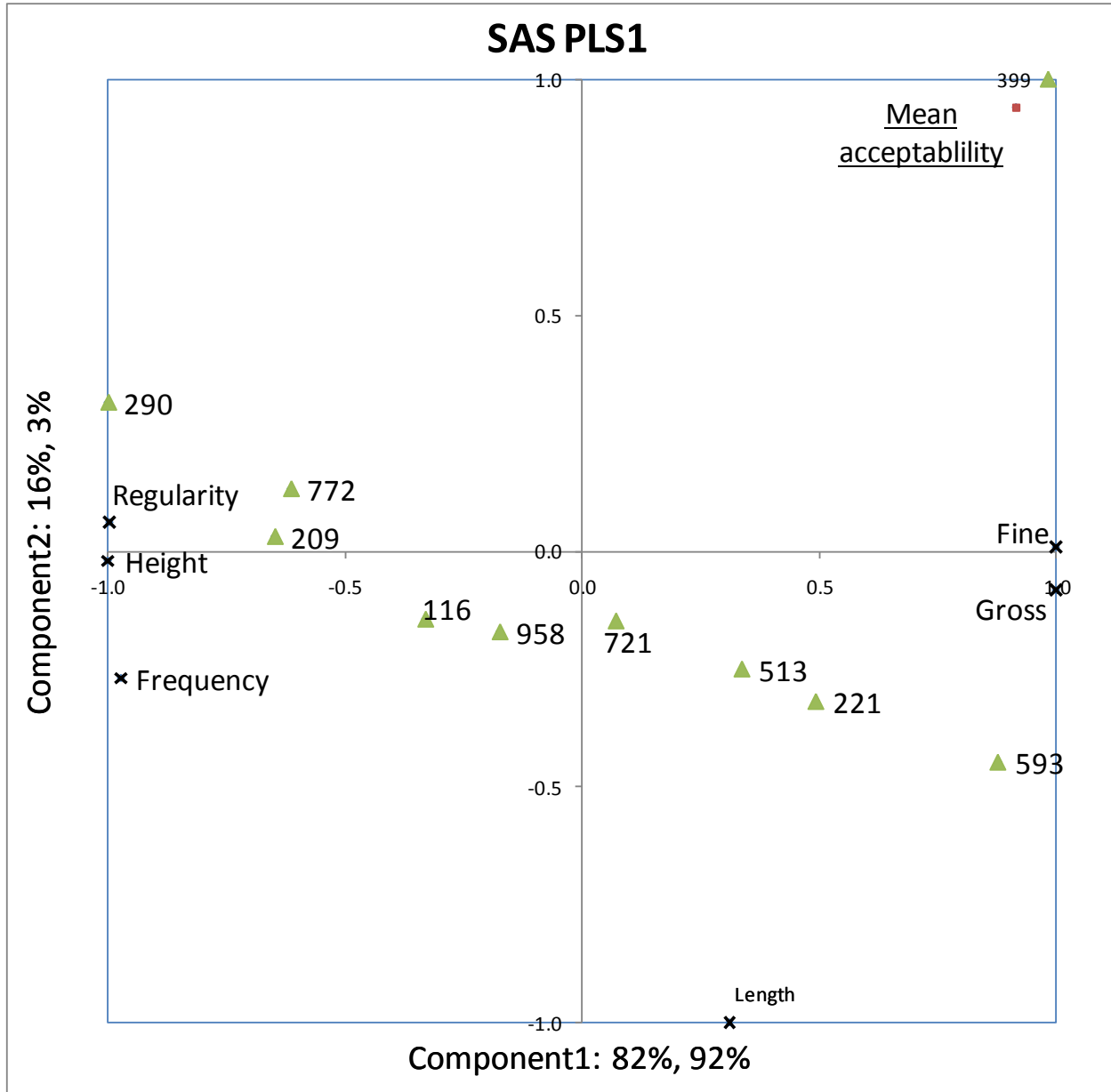
Supplementary Results for Chapter 2D- Biplots from Different Preference Mapping Techniques used for the Paint Study on Components 1 and 2

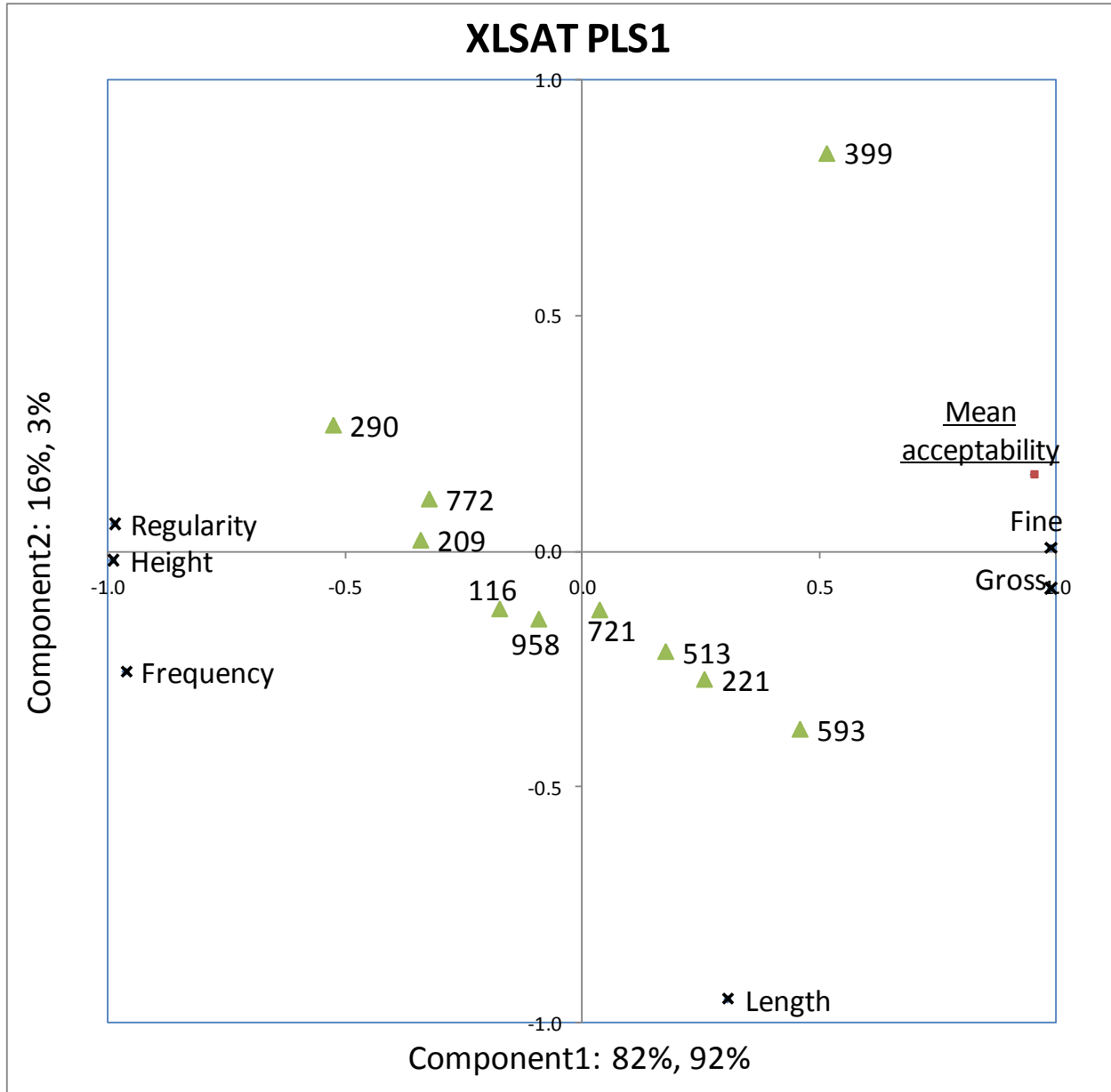


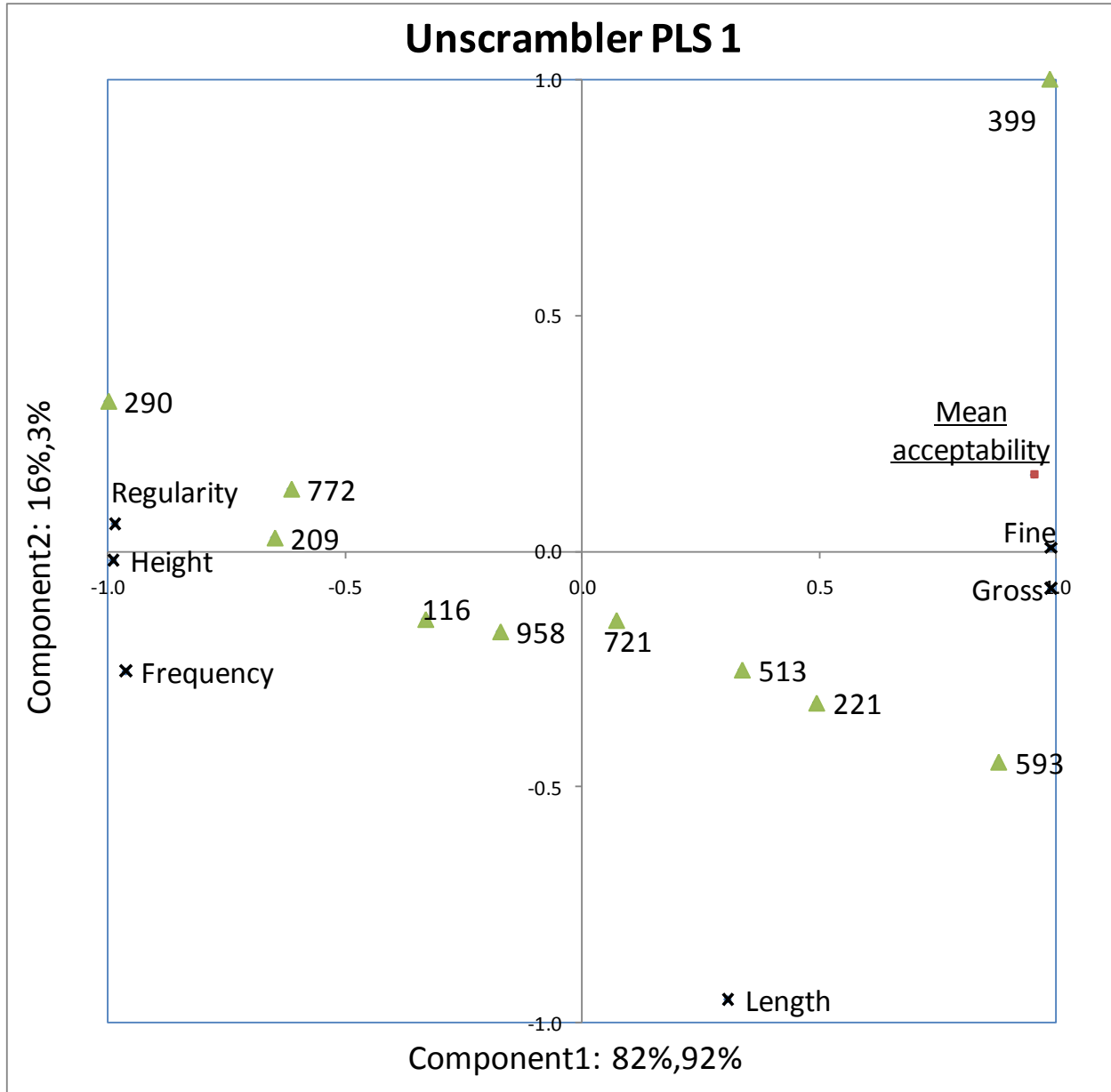
(Gross = Gross image, Fine = Fine image, Length = Wave length, Height = Wave height, Frequency = Wave frequency, Regularity = Wave regularity)



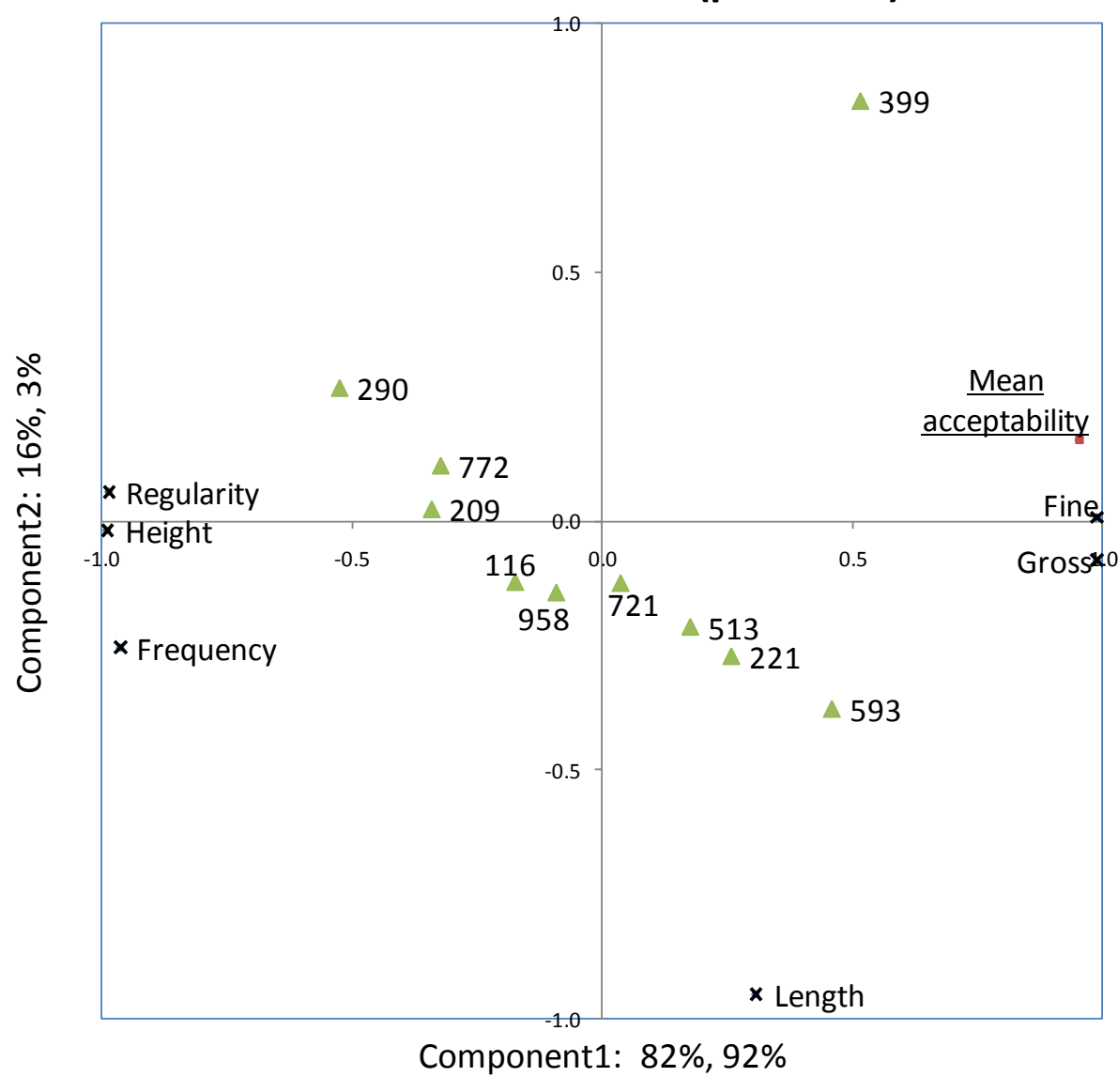


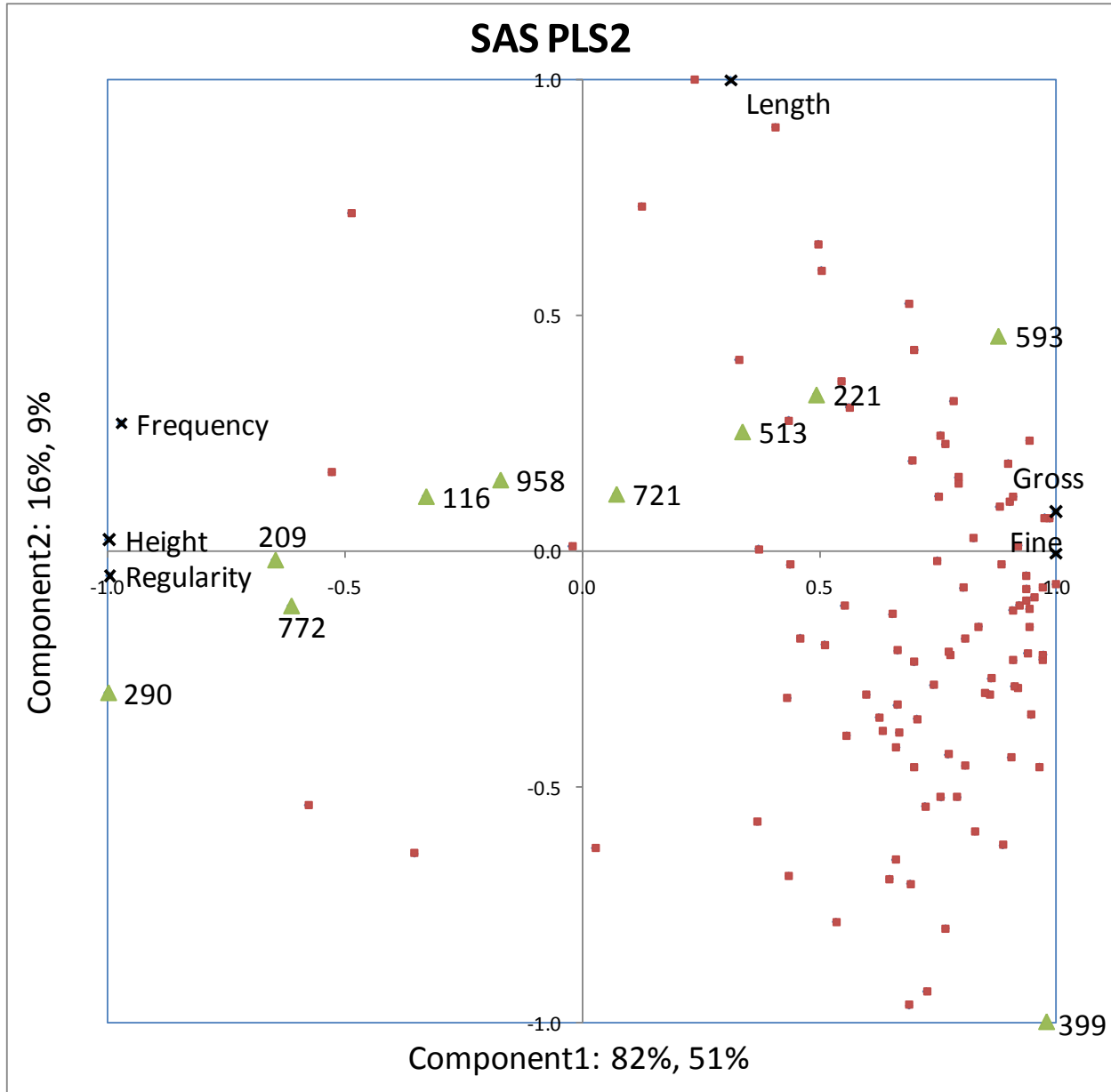


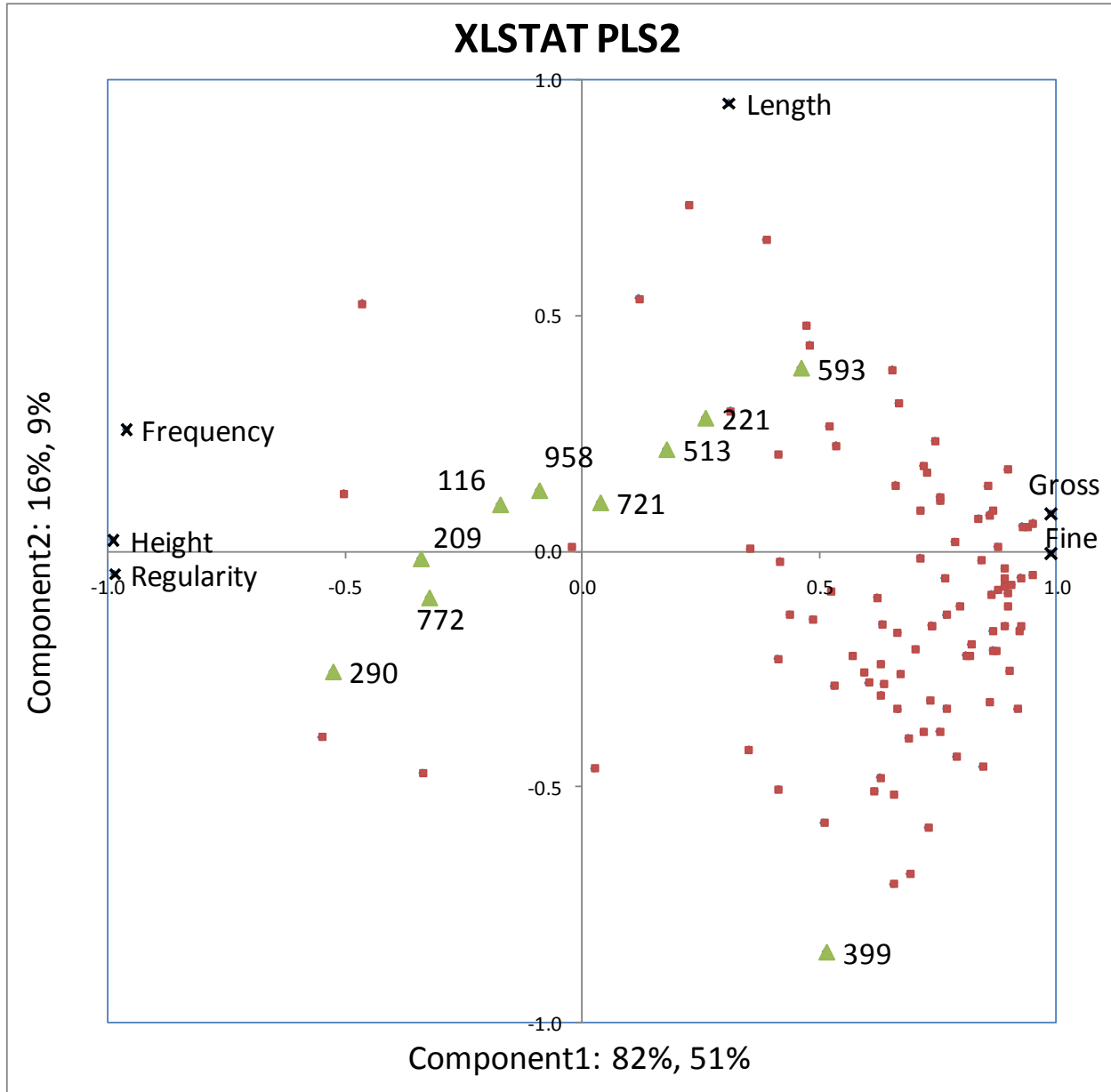




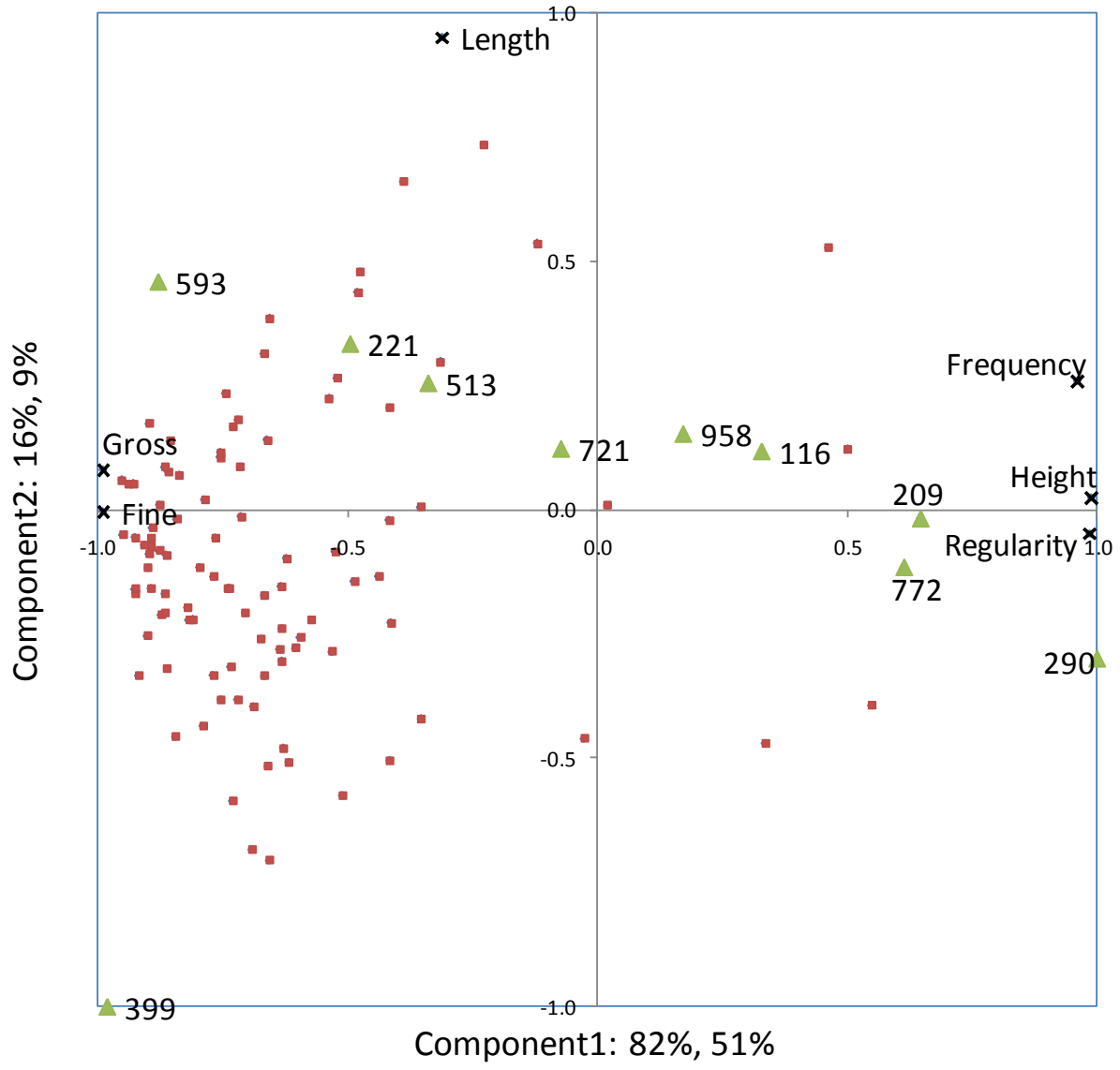
Unscrambler PLS1 (passified)



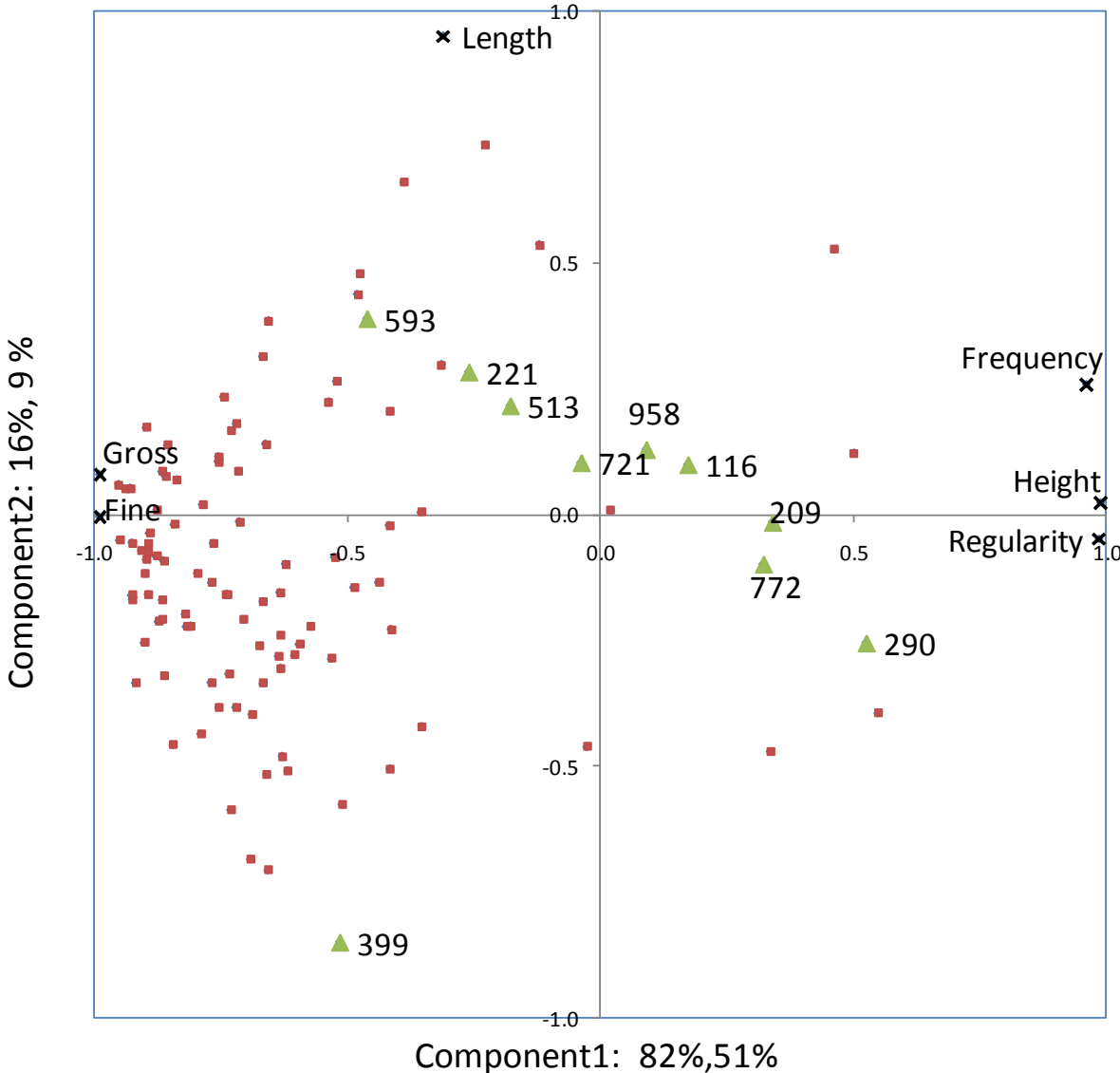




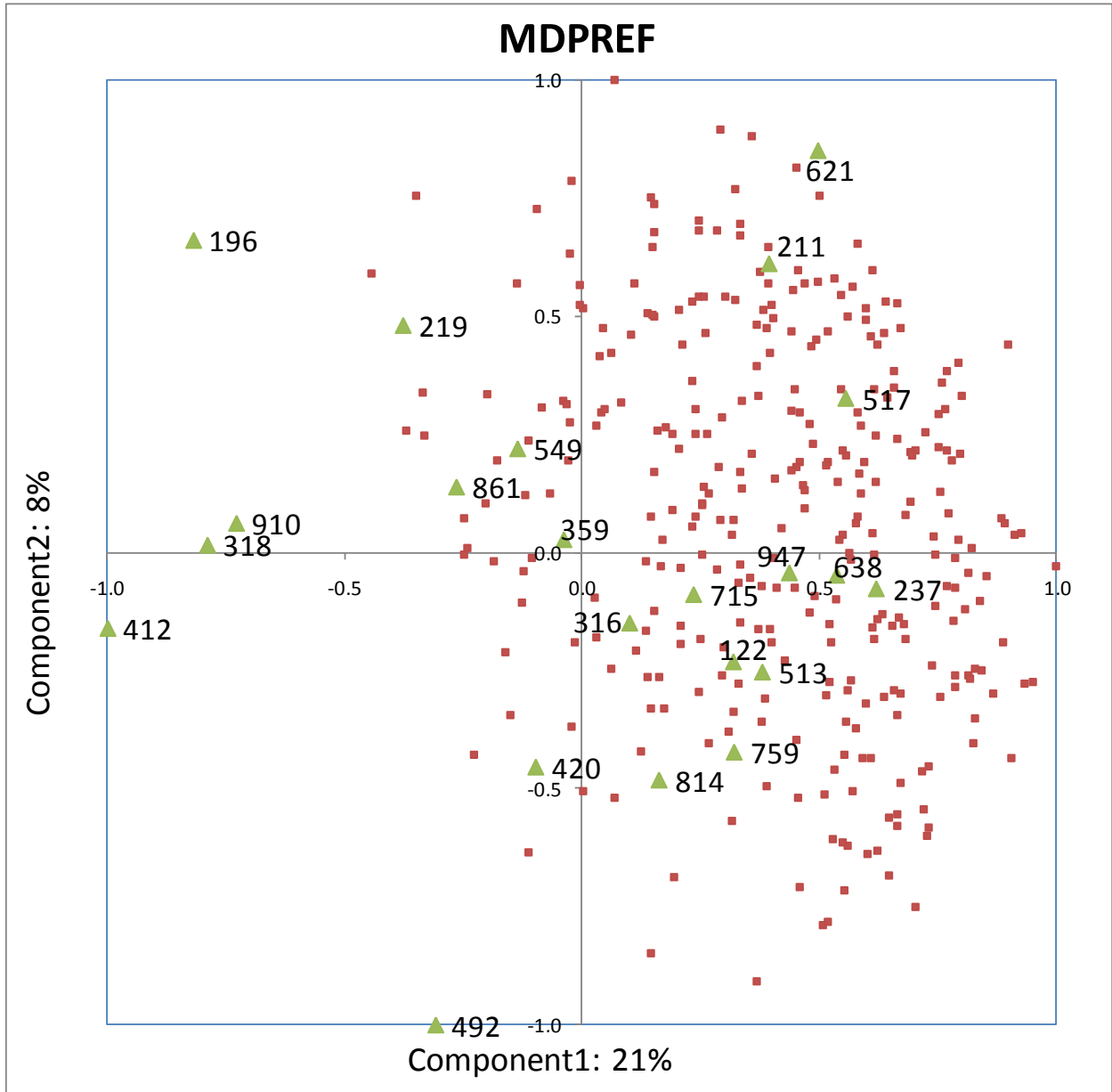
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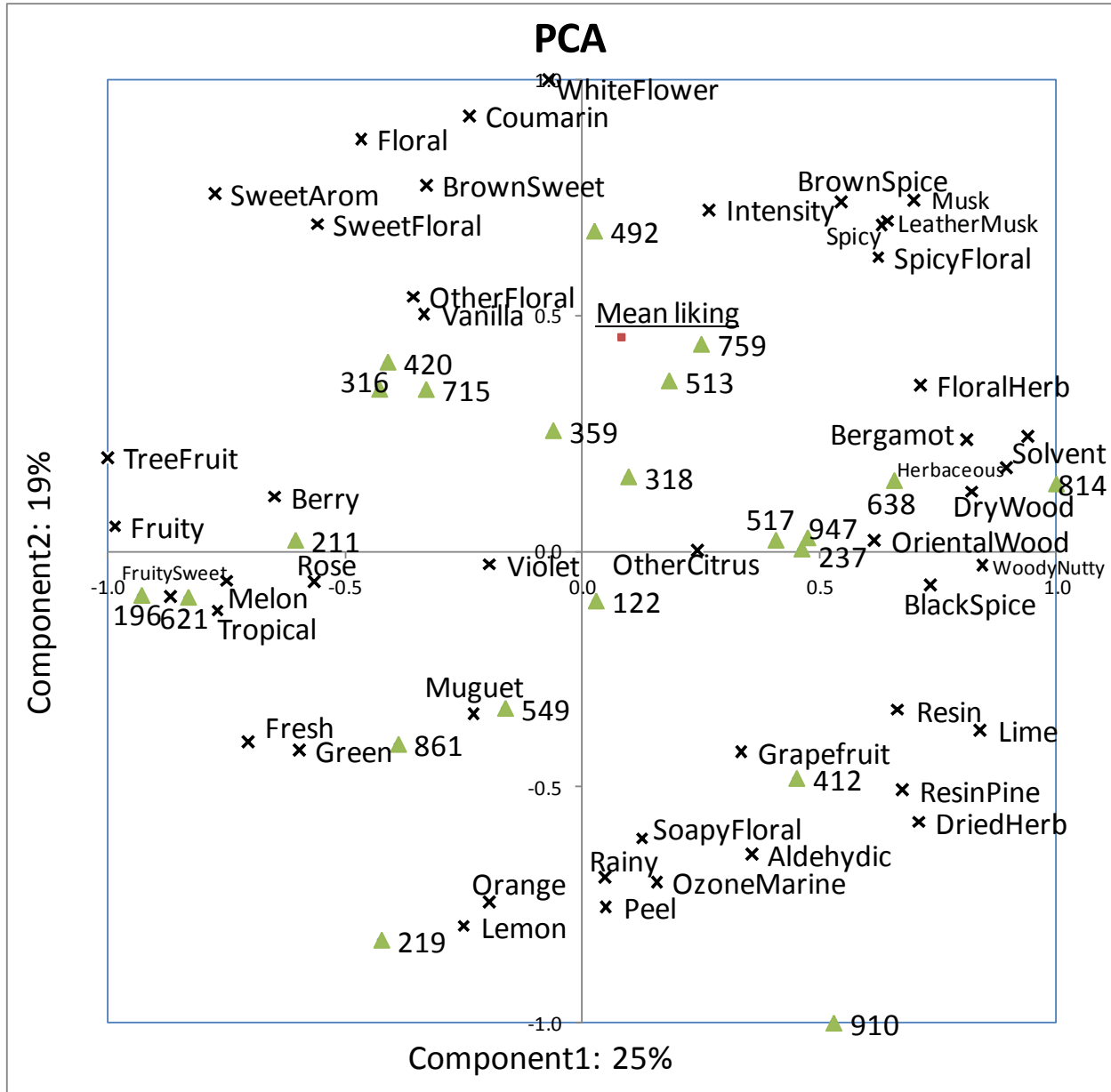


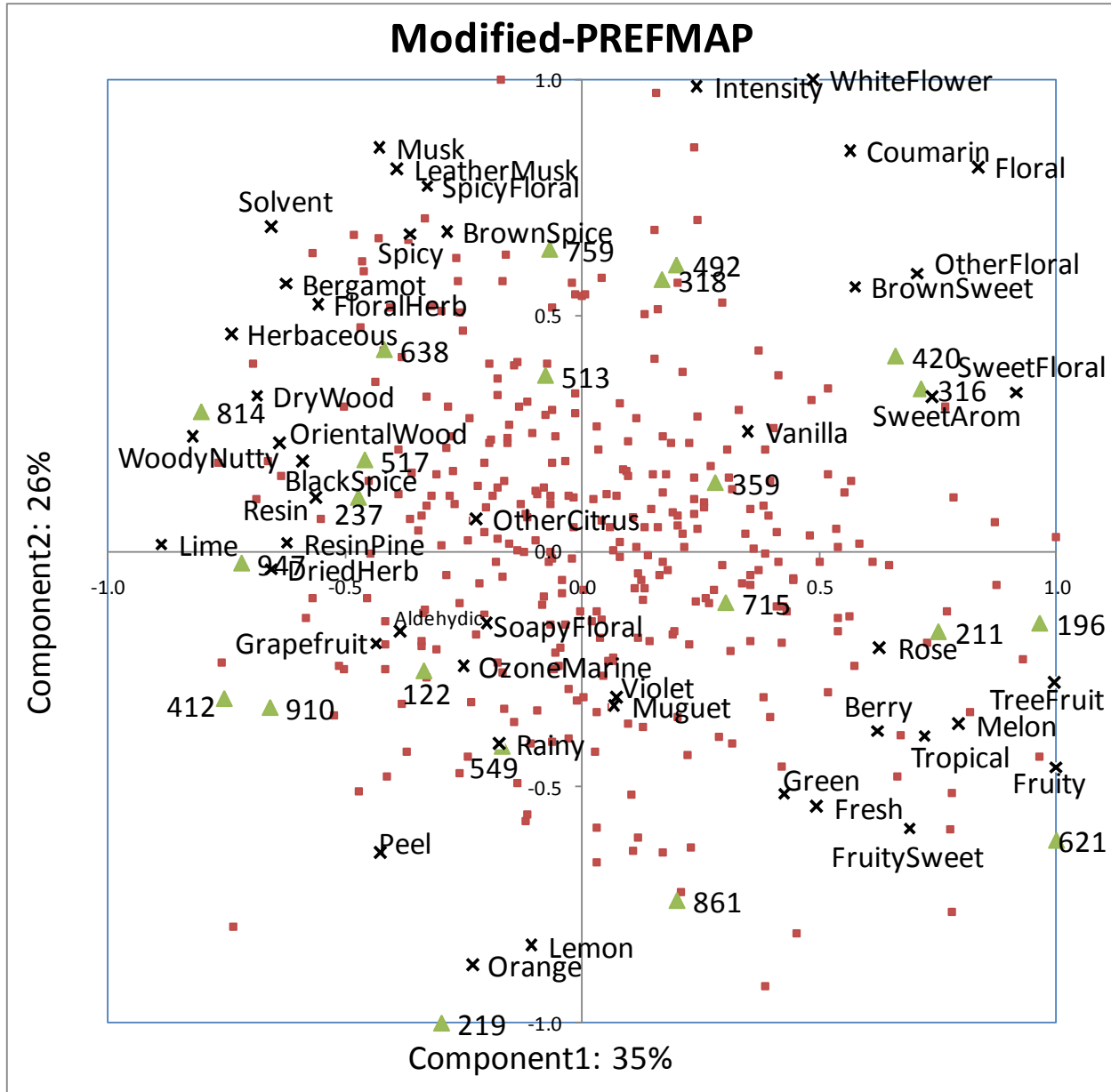
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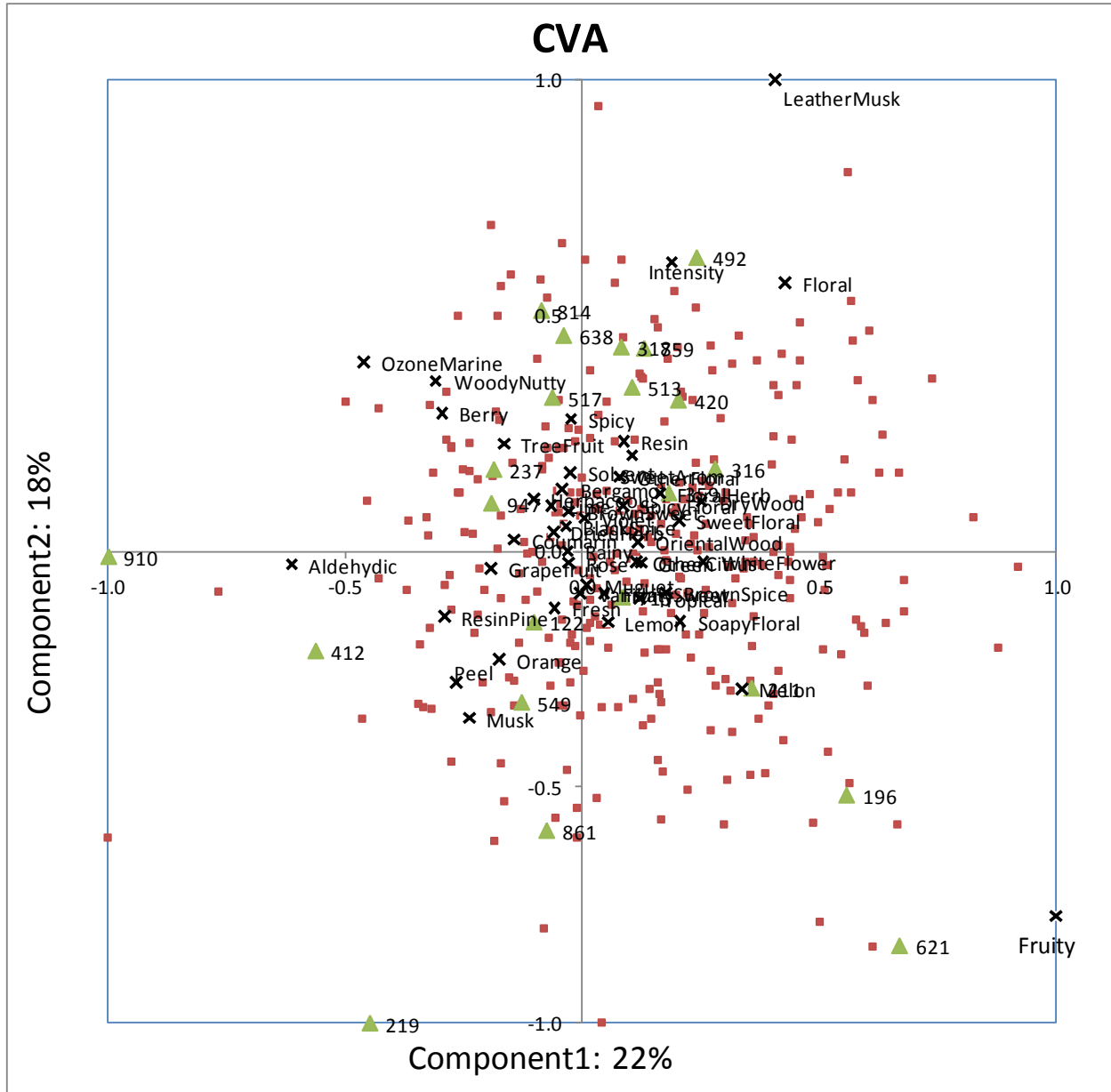


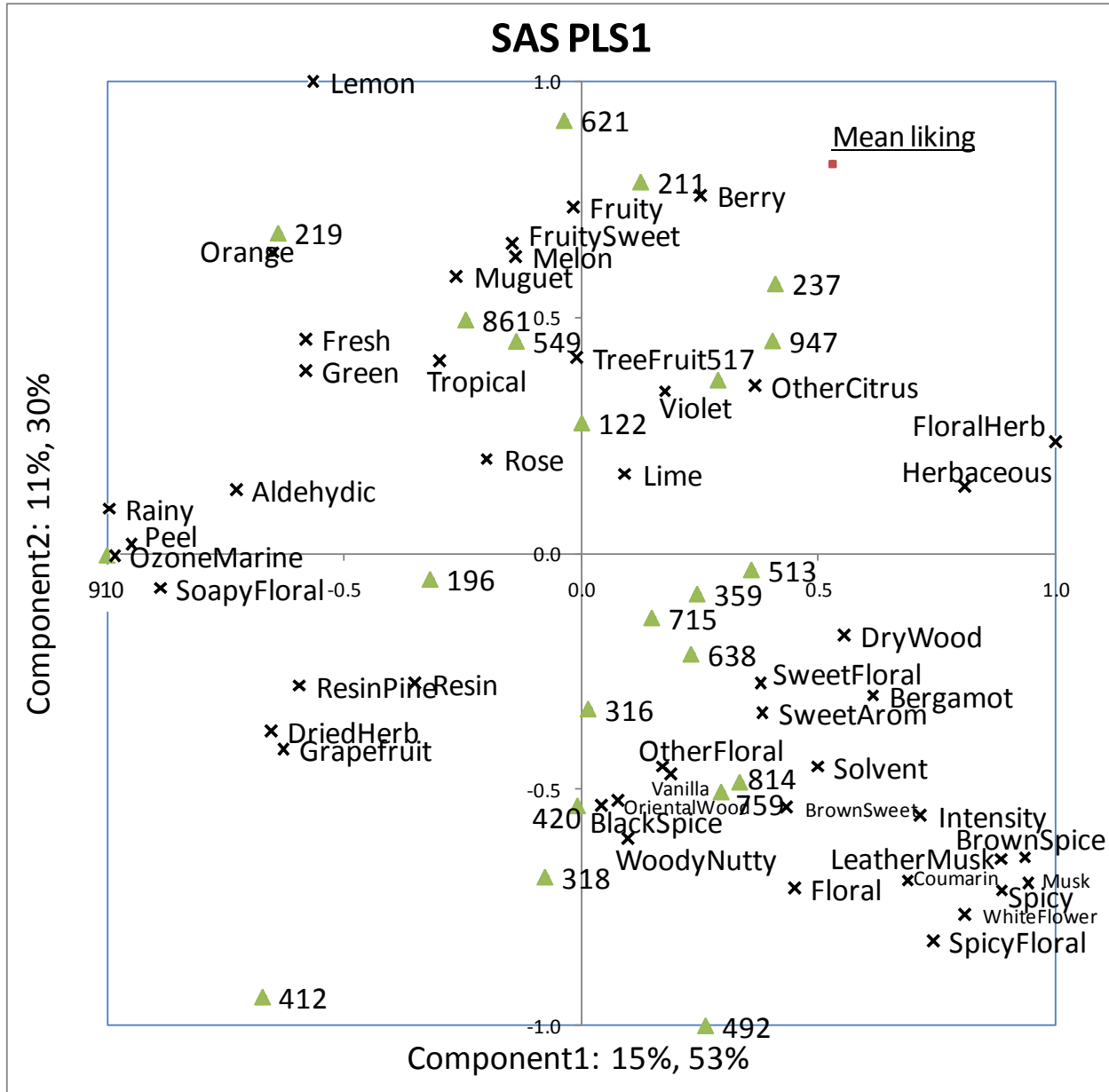
Supplementary Results for Chapter 2E- Biplots from Different Preference Mapping Techniques used for the Fragrance Study on Components 1 and 2



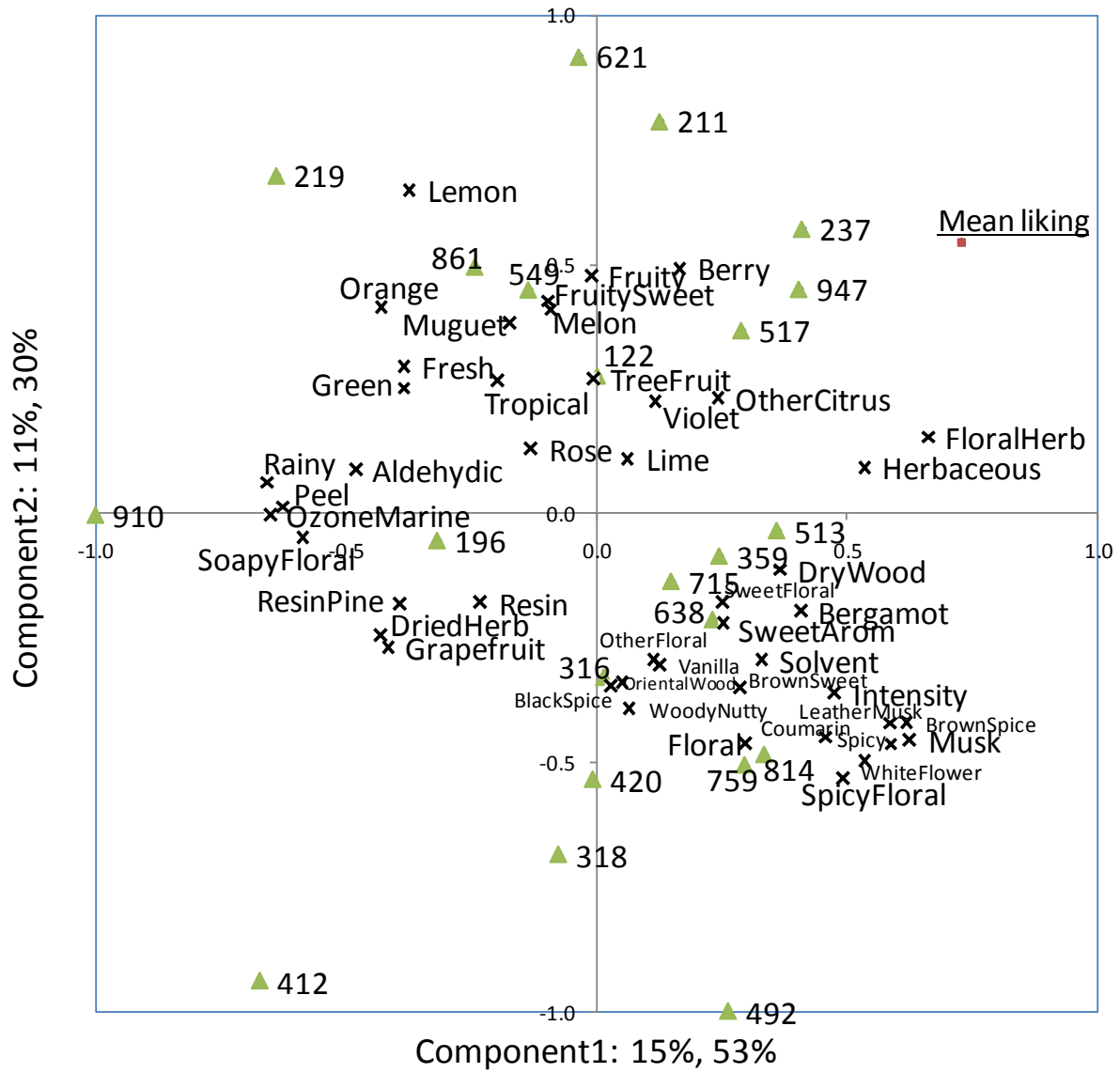




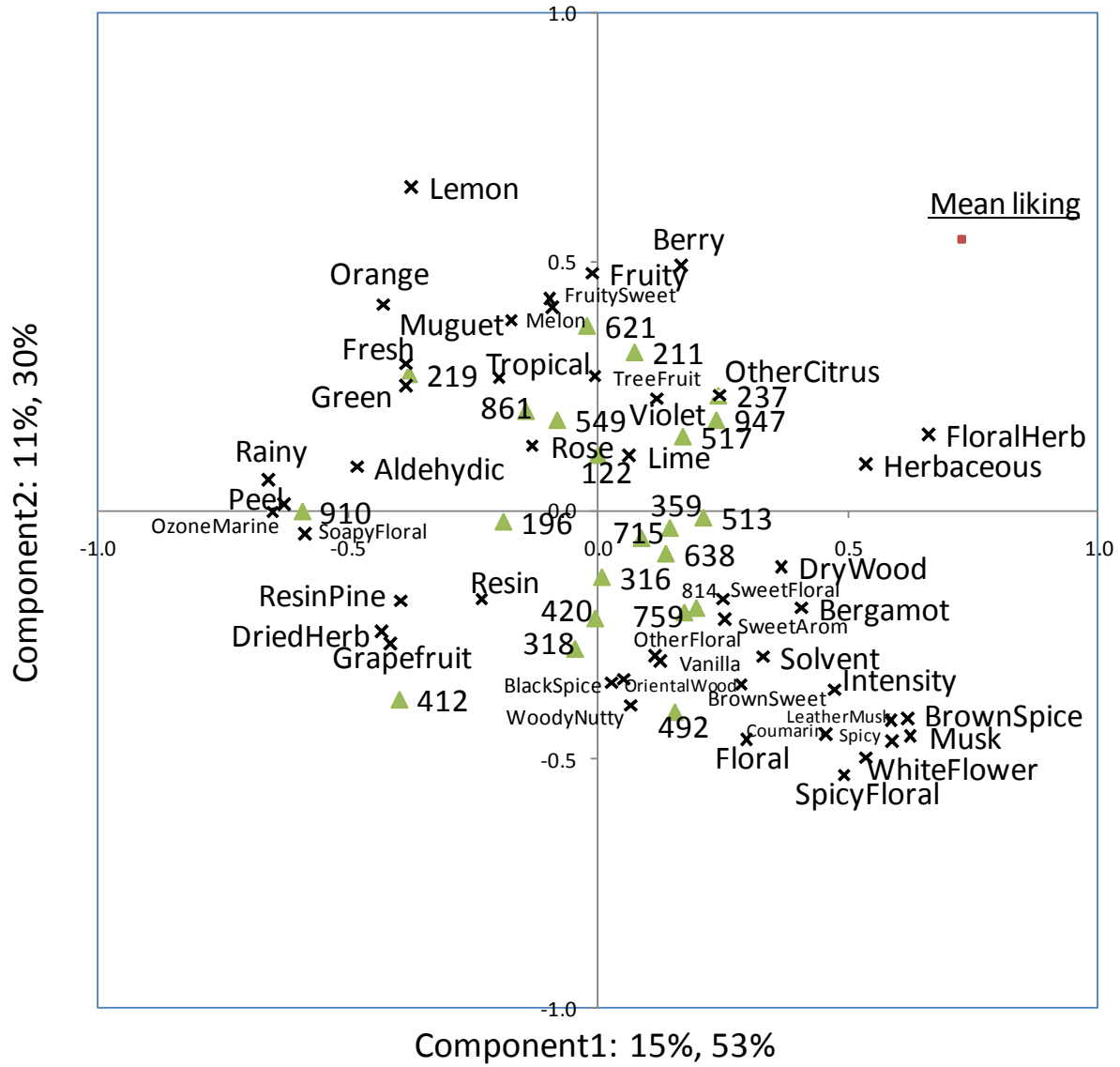




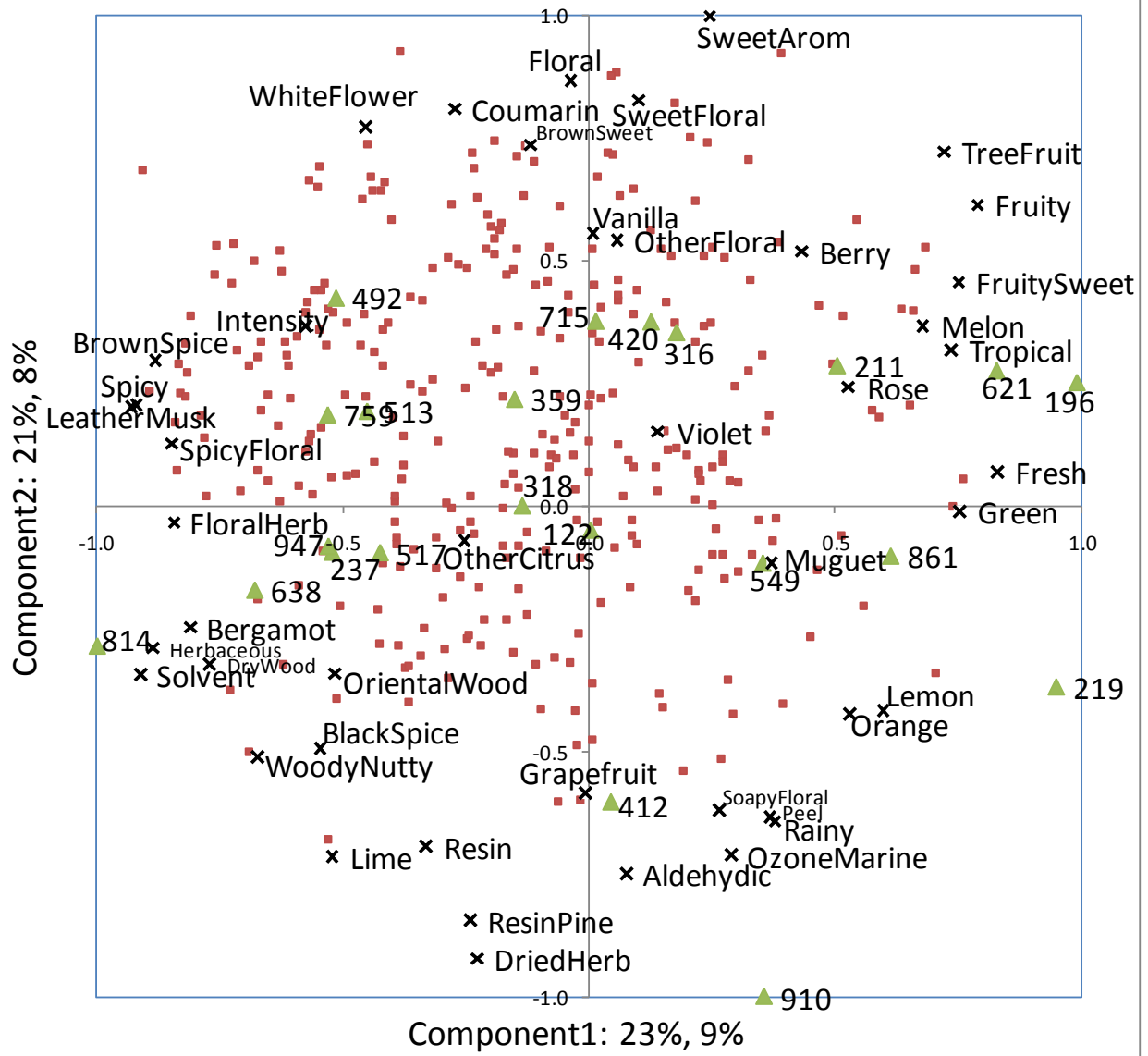
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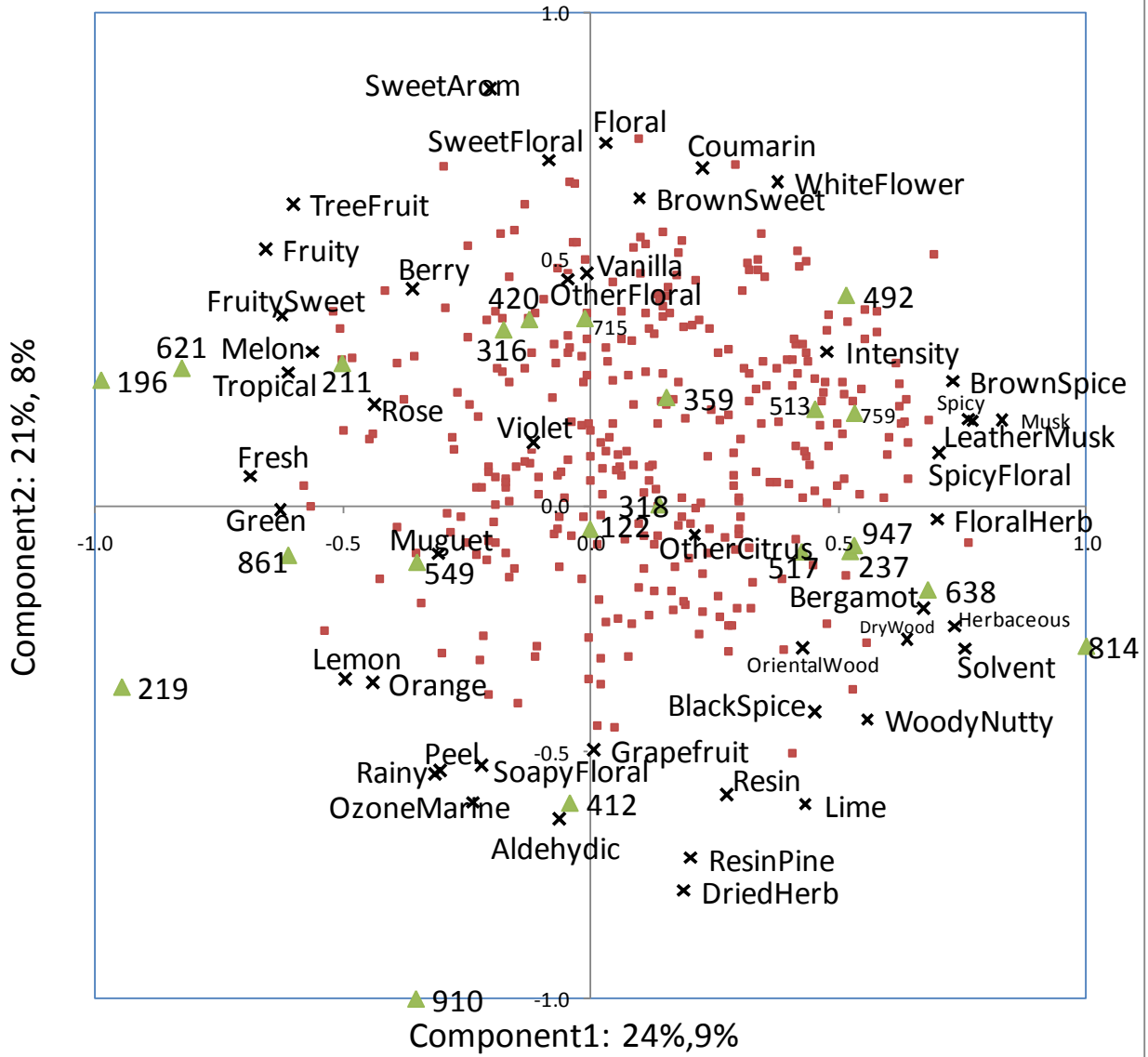
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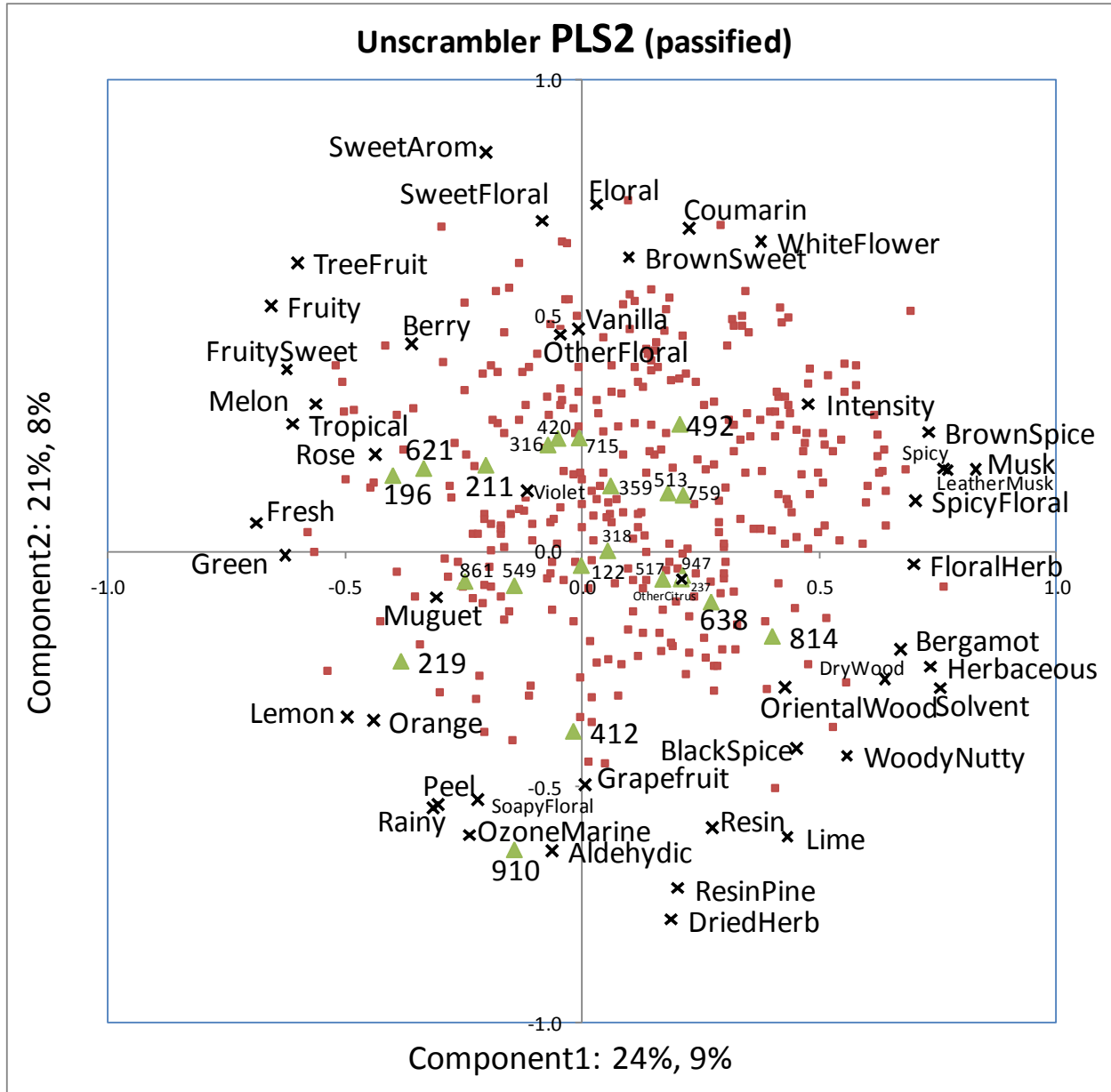


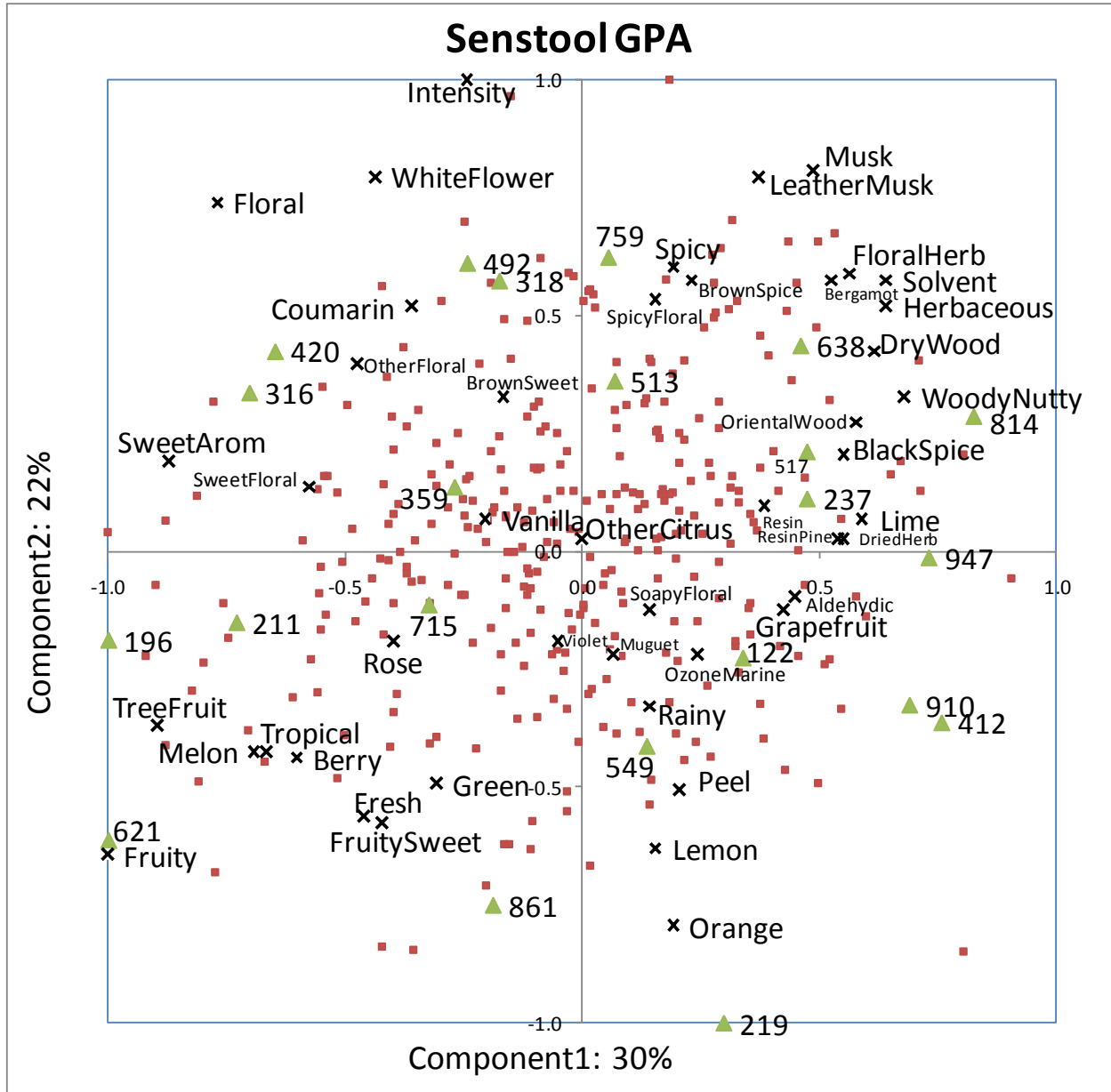
SAS PLS2



Unscrambler PLS2







XLSTAT GPA

