被験者間効果の検定

従属変数: dummy__

ソース	タイプ III 平方和	自由度	平均平方	F 値	有意確率
モデル	60.000[a]	60	1.000	.	.
octane	.000	0	.	.	.
NIR.1126#nm	.000	0	.	.	.
NIR.1128#nm	.000	0	.	.	.
NIR.1130#nm	.000	0	.	.	.
NIR.1132#nm	5.728E-8	1	5.728E-8	.	.
NIR.1134#nm	.000	0	.	.	.
NIR.1136#nm	.000	0	.	.	.
NIR.1138#nm	.000	0	.	.	.
NIR.1140#nm	.000	0	.	.	.
NIR.1142#nm	.000	0	.	.	.
NIR.1144#nm	1.324E-6	1	1.324E-6	.	.
NIR.1220#nm	.000	0	.	.	.
NIR.1222#nm	.000	0	.	.	.
NIR.1224#nm	1.217E-6	1	1.217E-6	.	.
NIR.1226#nm	.000	0	.	.	.
NIR.1228#nm	.000	0	.	.	.
NIR.1230#nm	.000	0	.	.	.
NIR.1232#nm	1.709E-6	1	1.709E-6	.	.
NIR.1234#nm	1.936E-8	1	1.936E-8	.	.
NIR.1236#nm	.000	0	.	.	.
NIR.1238#nm	.000	0	.	.	.
NIR.1240#nm	.000	0	.	.	.
NIR.1242#nm	3.960E-6	1	3.960E-6	.	.
NIR.1244#nm	.000	0	.	.	.
NIR.1246#nm	2.350E-6	1	2.350E-6	.	.
NIR.1248#nm	.000	0	.	.	.
NIR.1250#nm	9.820E-7	1	9.820E-7	.	.
NIR.1252#nm	.000	0	.	.	.
NIR.1254#nm	.000	0	.	.	.
NIR.1256#nm	.000	0	.	.	.
NIR.1258#nm	1.715E-7	1	1.715E-7	.	.
NIR.1260#nm	.000	0	.	.	.
NIR.1262#nm	.000	0	.	.	.
NIR.1264#nm	1.222E-8	1	1.222E-8	.	.
NIR.1266#nm	.000	0	.	.	.
NIR.1268#nm	.000	0	.	.	.
NIR.1270#nm	.000	0	.	.	.

被験者間効果の検定

従属変数: dummy__

ソース	タイプ III 平方和	自由度	平均平方	F 値	有意確率
NIR.1272#nm	.000	0	.	.	.
NIR.1274#nm	.000	0	.	.	.
NIR.1508#nm	1.634E-6	1	1.634E-6	.	.
NIR.1510#nm	.000	0	.	.	.
NIR.1512#nm	8.206E-7	1	8.206E-7	.	.
NIR.1514#nm	.000	0	.	.	.
NIR.1516#nm	4.964E-7	1	4.964E-7	.	.
NIR.1518#nm	.000	0	.	.	.
NIR.1520#nm	.000	0	.	.	.
NIR.1522#nm	.000	0	.	.	.
NIR.1524#nm	.000	0	.	.	.
NIR.1526#nm	.000	0	.	.	.
NIR.1528#nm	.000	0	.	.	.
NIR.1530#nm	.000	0	.	.	.
NIR.1532#nm	.000	0	.	.	.
NIR.1534#nm	.000	0	.	.	.
NIR.1536#nm	.000	0	.	.	.
NIR.1538#nm	.000	0	.	.	.
NIR.1540#nm	1.209E-6	1	1.209E-6	.	.
NIR.1542#nm	.000	0	.	.	.
NIR.1544#nm	4.308E-7	1	4.308E-7	.	.
NIR.1546#nm	.000	0	.	.	.
NIR.1548#nm	.000	0	.	.	.
NIR.1552#nm	3.706E-6	1	3.706E-6	.	.
NIR.1568#nm	5.236E-8	1	5.236E-8	.	.
誤差	.000	0	.		
総和	60.000	60			

a. R2 乗 = 1.000 (調整済み R2 乗 = .)

[PLS_active_data_0.48924089392872483]

Proportion of Variance Explained

		Statistics			
Latent Factors	X Variance	Cumulative X Variance	Y Variance	Cumulative Y Variance (R-square)	Adjusted R-square
1	.814	.814	.344	.344	.333
2	.157	.971	.165	.509	.492
3	.017	.989	.445	.954	.952
4	.008	.997	.013	.967	.964
5	.001	.998	.014	.980	.979
6	.000	.998	.005	.985	.984

Parameters

Independent Variables	Dependent Variables octane
(Constant)	99.654
NIR.1126#nm	-34.332
NIR.1128#nm	-1.358
NIR.1130#nm	-6.686
NIR.1132#nm	1.790
NIR.1134#nm	-.950
NIR.1136#nm	.680
NIR.1138#nm	-1.498
NIR.1140#nm	3.736
NIR.1142#nm	-1.451
NIR.1144#nm	-4.621
NIR.1220#nm	-39.275
NIR.1222#nm	-24.051
NIR.1224#nm	-26.851
NIR.1226#nm	-11.691
NIR.1228#nm	-23.478
NIR.1230#nm	-25.852
NIR.1232#nm	-8.215
NIR.1234#nm	-40.952
NIR.1236#nm	-32.540
NIR.1238#nm	-41.497
NIR.1240#nm	-40.929
NIR.1242#nm	-9.820
NIR.1244#nm	-19.921
NIR.1246#nm	18.242
NIR.1248#nm	45.959
NIR.1250#nm	71.437

Parameters

Independent Variables	Dependent Variables octane
NIR.1252#nm	22.729
NIR.1254#nm	38.410
NIR.1256#nm	42.641
NIR.1258#nm	34.043
NIR.1260#nm	70.096
NIR.1262#nm	66.299
NIR.1264#nm	43.385
NIR.1266#nm	25.640
NIR.1268#nm	13.428
NIR.1270#nm	-19.958
NIR.1272#nm	-53.371
NIR.1274#nm	-70.147
NIR.1508#nm	119.622
NIR.1510#nm	65.026
NIR.1512#nm	77.799
NIR.1514#nm	118.327
NIR.1516#nm	30.701
NIR.1518#nm	27.066
NIR.1520#nm	25.184
NIR.1522#nm	13.656
NIR.1524#nm	29.421
NIR.1526#nm	25.842
NIR.1528#nm	3.839
NIR.1530#nm	-30.485
NIR.1532#nm	-42.251
NIR.1534#nm	-49.743
NIR.1536#nm	-73.702
NIR.1538#nm	-77.445
NIR.1540#nm	-52.312
NIR.1542#nm	-21.968
NIR.1544#nm	-45.561
NIR.1546#nm	-2.921
NIR.1548#nm	-22.713
NIR.1552#nm	-7.579
NIR.1568#nm	-82.477

Variable Importance in the Projection

Variables	Latent Factors					
	1	2	3	4	5	6
NIR.1126#nm	.555	1.213	.911	.914	.952	.950
NIR.1128#nm	.729	1.204	.958	.960	.965	.965
NIR.1130#nm	.851	1.153	1.011	1.010	1.005	1.003
NIR.1132#nm	.912	1.054	1.103	1.100	1.093	1.091
NIR.1134#nm	.973	1.030	1.120	1.115	1.110	1.107
NIR.1136#nm	.993	.988	1.157	1.152	1.151	1.148
NIR.1138#nm	1.008	.968	1.170	1.164	1.165	1.163
NIR.1140#nm	1.003	.938	1.210	1.204	1.212	1.209
NIR.1142#nm	1.001	.926	1.232	1.224	1.226	1.223
NIR.1144#nm	1.006	.935	1.215	1.207	1.206	1.204
NIR.1220#nm	1.627	2.013	2.889	2.871	2.859	2.854
NIR.1222#nm	1.568	1.844	2.488	2.472	2.455	2.453
NIR.1224#nm	1.522	1.721	2.195	2.181	2.166	2.161
NIR.1226#nm	1.459	1.565	1.838	1.828	1.823	1.818
NIR.1228#nm	1.419	1.468	1.640	1.632	1.627	1.626
NIR.1230#nm	1.378	1.371	1.464	1.458	1.456	1.458
NIR.1232#nm	1.366	1.341	1.443	1.438	1.439	1.436
NIR.1234#nm	1.348	1.297	1.404	1.396	1.386	1.386
NIR.1236#nm	1.310	1.222	1.277	1.270	1.262	1.259
NIR.1238#nm	1.266	1.141	1.093	1.087	1.085	1.083
NIR.1240#nm	1.246	1.106	1.013	1.007	1.007	1.006
NIR.1242#nm	1.180	1.005	.798	.797	.792	.791
NIR.1244#nm	1.144	.958	.720	.719	.719	.717
NIR.1246#nm	1.092	.900	.658	.664	.660	.661
NIR.1248#nm	1.033	.852	.675	.687	.689	.693
NIR.1250#nm	.993	.831	.708	.723	.730	.744
NIR.1252#nm	.953	.817	.752	.761	.756	.754
NIR.1254#nm	.926	.813	.773	.783	.778	.777
NIR.1256#nm	.897	.812	.820	.830	.826	.824
NIR.1258#nm	.868	.818	.888	.896	.892	.890
NIR.1260#nm	.826	.834	1.012	1.023	1.025	1.023
NIR.1262#nm	.797	.849	1.088	1.096	1.097	1.094
NIR.1264#nm	.788	.852	1.069	1.073	1.067	1.065
NIR.1266#nm	.791	.843	.988	.991	.984	.983
NIR.1268#nm	.788	.839	.941	.942	.936	.935
NIR.1270#nm	.787	.832	.876	.875	.875	.881
NIR.1272#nm	.798	.820	.795	.792	.805	.821
NIR.1274#nm	.777	.823	.795	.790	.816	.835
NIR.1508#nm	.671	.962	1.538	1.528	1.529	1.534

Variable Importance in the Projection

Variables	Latent Factors					
	1	2	3	4	5	6
NIR.1510#nm	.724	.898	1.249	1.241	1.235	1.233
NIR.1512#nm	.768	.857	1.036	1.029	1.031	1.033
NIR.1514#nm	.835	.804	.705	.702	.720	.761
NIR.1516#nm	.798	.825	.829	.825	.824	.822
NIR.1518#nm	.842	.800	.663	.660	.662	.660
NIR.1520#nm	.865	.786	.581	.578	.582	.581
NIR.1522#nm	.891	.784	.573	.575	.579	.578
NIR.1524#nm	.896	.780	.575	.577	.586	.588
NIR.1526#nm	.916	.779	.628	.628	.633	.636
NIR.1528#nm	.924	.779	.670	.673	.675	.674
NIR.1530#nm	.904	.771	.643	.653	.649	.649
NIR.1532#nm	.953	.789	.810	.816	.811	.809
NIR.1534#nm	.922	.773	.743	.758	.754	.754
NIR.1536#nm	.937	.776	.852	.869	.873	.872
NIR.1538#nm	.907	.759	.843	.854	.873	.871
NIR.1540#nm	.853	.748	.649	.669	.668	.669
NIR.1542#nm	.847	.748	.636	.655	.653	.652
NIR.1544#nm	.806	.754	.566	.593	.595	.595
NIR.1546#nm	.775	.764	.558	.574	.570	.569
NIR.1548#nm	.770	.770	.564	.582	.579	.580
NIR.1552#nm	.745	.789	.600	.611	.607	.606
NIR.1568#nm	.737	.810	.690	.717	.785	.792

Cumulative Variable Importance

Weights

Variables	Latent Factors					
	1	2	3	4	5	6
NIR.1126#nm	.071	.253	-.040	.140	-.314	.059
NIR.1128#nm	.093	.235	-.071	.140	-.164	.120
NIR.1130#nm	.109	.206	-.105	.118	-.066	.033
NIR.1132#nm	.117	.167	-.148	.112	.029	.067
NIR.1134#nm	.125	.146	-.155	.089	.076	.013
NIR.1136#nm	.127	.125	-.170	.083	.137	-.004
NIR.1138#nm	.129	.113	-.175	.063	.161	-.049
NIR.1140#nm	.128	.100	-.187	.064	.215	.017
NIR.1142#nm	.128	.095	-.193	.035	.174	-.030
NIR.1144#nm	.129	.098	-.188	.013	.141	-.063
NIR.1220#nm	-.208	-.338	-.466	-.089	-.233	.206
NIR.1222#nm	-.201	-.297	-.392	-.020	-.065	.240
NIR.1224#nm	-.195	-.266	-.337	.029	.036	.017
NIR.1226#nm	-.187	-.226	-.270	.094	.180	.030
NIR.1228#nm	-.182	-.201	-.232	.104	.160	-.174
NIR.1230#nm	-.176	-.174	-.200	.108	.165	-.227
NIR.1232#nm	-.175	-.165	-.199	.124	.196	-.016
NIR.1234#nm	-.173	-.152	-.194	.060	-.008	-.165
NIR.1236#nm	-.168	-.130	-.171	.050	-.053	-.027
NIR.1238#nm	-.162	-.105	-.133	.032	-.124	-.080
NIR.1240#nm	-.159	-.094	-.114	.047	-.132	-.079
NIR.1242#nm	-.151	-.059	-.059	.089	-.045	.042
NIR.1244#nm	-.147	-.040	-.031	.091	-.088	-.041
NIR.1246#nm	-.140	-.014	.005	.129	.020	.115
NIR.1248#nm	-.132	.016	.049	.166	.103	.172
NIR.1250#nm	-.127	.034	.069	.187	.143	.275
NIR.1252#nm	-.122	.053	.086	.163	.018	-.005
NIR.1254#nm	-.119	.064	.093	.169	.042	.068
NIR.1256#nm	-.115	.077	.106	.178	.055	.055
NIR.1258#nm	-.111	.090	.123	.175	.062	-.044
NIR.1260#nm	-.106	.109	.152	.214	.147	.058
NIR.1262#nm	-.102	.121	.167	.206	.149	.002
NIR.1264#nm	-.101	.124	.163	.171	.058	-.049
NIR.1266#nm	-.101	.121	.145	.149	.015	-.095
NIR.1268#nm	-.101	.120	.134	.132	-.040	-.101
NIR.1270#nm	-.101	.118	.118	.104	-.116	-.212
NIR.1272#nm	-.102	.111	.098	.062	-.187	-.310
NIR.1274#nm	-.100	.117	.097	.036	-.243	-.339
NIR.1508#nm	-.086	.177	.256	.024	.204	.299

Weights

Variables	Latent Factors					
	1	2	3	4	5	6
NIR.1510#nm	-.093	.151	.199	-.021	.085	.103
NIR.1512#nm	-.098	.130	.155	-.015	.147	.185
NIR.1514#nm	-.107	.094	.073	.051	.197	.458
NIR.1516#nm	-.102	.112	.107	-.041	.098	-.029
NIR.1518#nm	-.108	.090	.059	-.053	.099	.019
NIR.1520#nm	-.111	.075	.017	-.036	.100	.055
NIR.1522#nm	-.114	.063	.000	-.094	.105	.015
NIR.1524#nm	-.115	.058	-.014	-.091	.133	.111
NIR.1526#nm	-.117	.045	-.050	-.081	.115	.144
NIR.1528#nm	-.118	.039	-.066	-.111	.105	.044
NIR.1530#nm	-.116	.046	-.058	-.152	.010	-.081
NIR.1532#nm	-.122	.021	-.107	-.155	-.026	-.043
NIR.1534#nm	-.118	.033	-.091	-.194	-.054	-.082
NIR.1536#nm	-.120	.022	-.119	-.222	-.141	-.081
NIR.1538#nm	-.116	.031	-.119	-.190	-.225	-.019
NIR.1540#nm	-.109	.059	-.066	-.202	-.074	-.098
NIR.1542#nm	-.108	.062	-.061	-.195	-.058	.063
NIR.1544#nm	-.103	.081	-.024	-.212	-.089	-.093
NIR.1546#nm	-.099	.095	-.005	-.165	-.018	.050
NIR.1548#nm	-.099	.099	.008	-.179	-.011	-.097
NIR.1552#nm	-.095	.112	.031	-.149	-.009	-.047
NIR.1568#nm	-.094	.121	.067	-.236	-.360	-.220
octane	.086	.156	.654	.168	.537	.516

Loadings

| | Latent Factors | | | | | |
Variables	1	2	3	4	5	6
NIR.1126#nm	.009	.365	-.219	.267	-.428	.314
NIR.1128#nm	.038	.354	-.239	.219	-.279	.206
NIR.1130#nm	.062	.331	-.252	.165	-.127	.120
NIR.1132#nm	.081	.301	-.270	.131	-.030	.067
NIR.1134#nm	.095	.274	-.261	.091	.052	.005
NIR.1136#nm	.103	.253	-.261	.064	.130	-.044
NIR.1138#nm	.108	.238	-.256	.035	.181	-.093
NIR.1140#nm	.111	.229	-.261	.019	.218	-.107
NIR.1142#nm	.112	.226	-.261	.001	.199	-.143
NIR.1144#nm	.112	.227	-.256	-.012	.181	-.223
NIR.1220#nm	-.133	-.124	-.243	.031	-.313	.295
NIR.1222#nm	-.136	-.114	-.203	.043	-.158	.227
NIR.1224#nm	-.138	-.107	-.173	.057	.025	.072
NIR.1226#nm	-.140	-.097	-.137	.073	.163	-.022
NIR.1228#nm	-.141	-.086	-.117	.087	.213	-.150
NIR.1230#nm	-.143	-.070	-.102	.087	.237	-.186
NIR.1232#nm	-.144	-.059	-.108	.094	.187	-.076
NIR.1234#nm	-.145	-.044	-.105	.090	.033	-.107
NIR.1236#nm	-.145	-.029	-.095	.093	-.067	.000
NIR.1238#nm	-.146	-.020	-.070	.092	-.122	.016
NIR.1240#nm	-.146	-.017	-.060	.109	-.136	-.005
NIR.1242#nm	-.146	-.005	-.031	.121	-.097	.028
NIR.1244#nm	-.146	.002	-.016	.134	-.115	.008
NIR.1246#nm	-.146	.014	.000	.137	-.064	.068
NIR.1248#nm	-.146	.026	.021	.144	-.003	.073
NIR.1250#nm	-.145	.038	.027	.152	-.003	.139
NIR.1252#nm	-.144	.051	.035	.166	-.032	.017
NIR.1254#nm	-.144	.062	.034	.164	-.034	.023
NIR.1256#nm	-.143	.070	.038	.168	-.018	-.058
NIR.1258#nm	-.143	.077	.048	.161	.028	-.059
NIR.1260#nm	-.142	.084	.060	.172	.073	-.022
NIR.1262#nm	-.141	.091	.069	.161	.100	-.057
NIR.1264#nm	-.141	.098	.066	.153	.026	-.095
NIR.1266#nm	-.140	.104	.052	.146	.003	-.150
NIR.1268#nm	-.140	.110	.044	.146	-.053	-.204
NIR.1270#nm	-.139	.117	.032	.142	-.088	-.243
NIR.1272#nm	-.138	.120	.021	.122	-.118	-.270
NIR.1274#nm	-.137	.129	.019	.111	-.161	-.282
NIR.1508#nm	-.139	.108	.142	-.071	.113	.210

Loadings

Variables	Latent Factors					
	1	2	3	4	5	6
NIR.1510#nm	-.139	.110	.106	-.074	.066	.255
NIR.1512#nm	-.140	.111	.074	-.083	.104	.159
NIR.1514#nm	-.139	.115	.007	-.018	.036	.448
NIR.1516#nm	-.139	.117	.040	-.091	.137	.103
NIR.1518#nm	-.139	.118	.007	-.099	.124	.061
NIR.1520#nm	-.138	.125	-.027	-.076	.106	.028
NIR.1522#nm	-.139	.119	-.030	-.141	.146	.032
NIR.1524#nm	-.138	.122	-.042	-.145	.141	-.146
NIR.1526#nm	-.137	.127	-.071	-.124	.104	.048
NIR.1528#nm	-.137	.129	-.080	-.152	.141	-.038
NIR.1530#nm	-.136	.133	-.072	-.167	.094	-.191
NIR.1532#nm	-.136	.131	-.105	-.153	.039	-.094
NIR.1534#nm	-.135	.137	-.092	-.188	.035	-.102
NIR.1536#nm	-.134	.140	-.111	-.186	-.056	-.268
NIR.1538#nm	-.133	.152	-.120	-.122	-.186	-.026
NIR.1540#nm	-.132	.154	-.082	-.193	.020	-.061
NIR.1542#nm	-.132	.155	-.080	-.191	-.024	.172
NIR.1544#nm	-.132	.158	-.054	-.203	.006	-.003
NIR.1546#nm	-.131	.164	-.048	-.177	.016	.173
NIR.1548#nm	-.131	.161	-.037	-.197	.085	.030
NIR.1552#nm	-.132	.163	-.024	-.166	.057	-.032
NIR.1568#nm	-.133	.153	.015	-.149	-.248	-.039
octane	1.000	1.000	1.000	1.000	1.000	1.000

End of job: 219 command lines 0 errors 0 warnings 6 CPU seconds