APPENDIX 6

tahoma woods
157.3 6.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	643.652	Degrees of freedom:	15
R-squared:	0.704	Rbar-squared:	0.664
Residual SS:	190.722	Std error of est:	3.566
F(3,15):	11.874	Probability of F.	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.494260	0.142418	3.470489	0.003	0.392482	0.437265
Burn	1.786500	0.432108	4.134387	0.000	0.468516	0.542259
Lime	0.527656	0.098600	5.351457	0.000	0.604007	0.635785

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	8.164	10.61	0.000	0.9769	0.02308
br	0.4800	0.06626	0.000	0.8089	0.1911
cu	0.000	0.1992	0.000	0.9868	0.01325
fe	3.050	3.582	0.8942	0.09976	0.006040
k	13.59	11.84	0.05177	0.8903	0.05790
mn	0.000	0.06399	0.7646	0.1117	0.1237
na	19.40	19.54	0.000	0.02195	0.9781
pb	0.000	0.06309	0.000	0.8495	0.1505
v	0.000	0.07344	0.5115	0.000	0.4885
zn	7.520	0.01898	0.8332	0.000	0.1668
si	10.56	12.17	0.9543	0.04403	0.001647
al	3.160	3.033	0.7886	0.2002	0.01113
ca	13.65	2.595	0.6551	0.2753	0.06953
ti	0.7600	0.4766	0.9768	0.01874	0.004428
zr	0.000	0.006332	0.000	0.000	1.000
ni	0.000	0.03221	0.4757	0.000	0.5243
as	0.000	0.001583	0.000	0.000	1.000
se	0.000	0.001583	0.000	0.000	1.000

tahoma woods
157.8 6.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	453.838	Degrees of freedom:	14
R-squared:	0.973	Rbar-squared:	0.968
Residual SS:	12.131	Std error of est:	0.931
F(4,14):	127.444	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.522557	0.031426	16.628277	0.000	0.585166	0.636429
Burn	1.749834	0.156031	11.214661	0.000	0.545209	0.737058
Lime	0.233094	0.025764	9.047318	0.000	0.317006	0.356419
Trans	0.126336	0.035362	3.572623	0.003	0.172639	0.554108

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	14.79	14.78	0.000	0.6868	0.007319	0.3059
br	0.000	0.2601	0.000	0.2018	0.02151	0.7767
cu	0.3700	0.2104	0.07701	0.9150	0.005541	0.002402
fe	3.680	4.819	0.9208	0.07262	0.001983	0.004640
k	11.09	11.31	0.06025	0.9129	0.02677	5.586E-05
mn	0.000	0.04775	0.4706	0.1466	0.07323	0.3096
na	8.840	8.860	0.000	0.04740	0.9526	0.000
pb	0.8800	0.9024	0.02085	0.05817	0.004650	0.9163
v	0.000	0.05713	0.7226	0.000	0.2774	0.000
zn	0.5600	0.05034	0.7162	0.000	0.02778	0.2560
si	12.50	13.00	0.9581	0.04038	0.0006813	0.0008745
al	9.950	8.808	0.9302	0.06755	0.001694	0.0005594
ca	4.390	1.431	0.4508	0.4890	0.05569	0.004501
ti	0.8500	0.5150	0.9812	0.01699	0.001810	0.000
zr	0.000	0.04251	0.9342	0.000	0.06580	0.000
ni	0.000	0.03332	0.7685	0.000	0.2239	0.007584
as	0.000	0.04303	0.9837	0.000	0.01625	0.000
se	0.000	0.01951	0.9642	0.000	0.03584	0.000

tahoma woods
158.3 6.000 7.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	10141.164	Degrees of freedom:	14
R-squared:	0.994	Rbar-squared:	0.993
Residual SS:	59.175	Std error of est:	2.056
F(4,14):	596.318	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.150502	0.223116	0.674547	0.511	0.034344	0.165442
Coal fired	0.420626	0.187986	2.237534	0.042	0.113932	0.170575
Burn	3.065859	0.249185	12.303532	0.000	0.231059	0.304548
Lime	2.860032	0.056850	50.308570	0.000	0.940830	0.956219

	Measured	Predicted	Soil	Coal fired	Burn	Lime
b_{abs}	17.37	19.11	0.000	0.000	0.9306	0.06945
br	1.150	0.1606	0.000	0.000	0.5726	0.4274
cu	1.470	0.3646	0.000	0.03577	0.9250	0.03922
fe	5.630	5.277	0.1848	0.6768	0.1162	0.02222
k	23.75	22.54	0.008280	0.02434	0.8026	0.1648
mn	0.6300	0.08815	0.1690	0.2052	0.1391	0.4867
na	104.2	104.3	0.000	0.000	0.007055	0.9929
pb	0.000	0.1586	0.000	0.09548	0.5799	0.3246
v	0.000	0.2391	0.04783	0.1389	0.000	0.8132
zn	0.9000	0.05100	0.09443	0.5691	0.000	0.3365
si	13.12	14.59	0.2424	0.6871	0.06303	0.007448
al	9.910	8.549	0.08521	0.7714	0.1219	0.02141
ca	10.08	3.242	0.1597	0.1602	0.3783	0.3017
ti	1.240	0.5753	0.2464	0.7070	0.02665	0.01989
zr	0.000	0.06629	0.000	0.4823	0.000	0.5177
ni	0.000	0.1168	0.03995	0.1765	0.000	0.7836
as	0.000	0.04265	0.000	0.7988	0.000	0.2012
se	0.000	0.02372	0.000	0.6383	0.000	0.3617

tahoma woods
158.8 6.000 7.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2023.537	Degrees of freedom:	14
R-squared:	0.969	Rbar-squared:	0.963
Residual SS:	62.150	Std error of est:	2.107
F(4,14):	110.456	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.685223	0.084422	8.116676	0.000	0.320418	0.363141
Burn	2.805114	0.353136	7.943442	0.000	0.433203	0.609805
Lime	1.057122	0.058316	18.127434	0.000	0.712585	0.743664
Trans	0.219768	0.080039	2.745761	0.016	0.148851	0.457136

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	24.77	24.62	0.000	0.6607	0.01992	0.3194
br	1.020	0.4609	0.000	0.1826	0.05504	0.7624
cu	2.160	0.3147	0.000	0.9804	0.01679	0.002793
fe	8.770	5.084	0.8735	0.1104	0.008526	0.007652
k	18.53	18.77	0.04526	0.8815	0.07314	5.853E-05
mn	0.6700	0.1206	0.5624	0.09302	0.1315	0.2132
na	38.93	38.95	0.000	0.01728	0.9827	0.000
pb	0.4700	1.542	0.000	0.05459	0.01234	0.9331
v	0.000	0.1240	0.4201	0.000	0.5799	0.000
zn	2.380	0.05069	0.4326	0.000	0.1251	0.4423
si	16.29	17.00	0.9470	0.04949	0.002362	0.001163
al	0.000	4.346	0.7630	0.2194	0.01557	0.001972
ca	7.230	3.852	0.6119	0.2913	0.09386	0.002910
ti	3.310	0.6637	0.9725	0.02113	0.006371	0.000
zr	0.000	0.01269	0.000	0.000	1.000	0.000
ni	0.1400	0.05551	0.3827	0.000	0.6094	0.007918
as	0.2200	0.003171	0.000	0.000	1.000	0.000
se	0.000	0.003171	0.000	0.000	1.000	0.000

tahoma woods
159.3 6.000 8.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	809.150	Degrees of freedom:	14
R-squared:	0.991	Rbar-squared:	0.988
Residual SS:	7.666	Std error of est:	0.740
F(4,14):	365.931	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
2Soil	0.917202	0.029649	30.935047	0.000	0.665295	0.719515
Burn	2.469681	0.124023	19.913087	0.000	0.591625	0.722282
Lime	0.183964	0.020481	8.982237	0.000	0.192358	0.234369
Trans	0.081362	0.028110	2.894392	0.012	0.085481	0.497473

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	17.23	17.32	0.000	0.8270	0.004928	0.1681
br	0.6100	0.2086	0.000	0.3552	0.02117	0.6237
cu	0.8000	0.2729	0.000	0.9954	0.003370	0.001193
fe	5.260	6.459	0.9201	0.07647	0.001168	0.002229
k	15.97	15.95	0.07132	0.9137	0.01498	2.551E-05
mn	1.020	0.1130	0.8038	0.08745	0.02443	0.08427
na	7.240	7.254	0.000	0.08171	0.9183	0.000
pb	0.9700	0.6099	0.000	0.1215	0.005429	0.8731
v	0.5800	0.08222	0.8478	0.000	0.1522	0.000
zn	1.170	0.03875	0.7574	0.000	0.02848	0.2141
si	22.53	22.31	0.9661	0.03321	0.0003133	0.0003282
al	4.880	5.294	0.8386	0.1586	0.002224	0.0005994
ca	5.730	4.210	0.7494	0.2346	0.01494	0.0009856
ti	0.000	0.8771	0.9851	0.01408	0.0008390	0.000
zr	0.000	0.002208	0.000	0.000	1.000	0.000
ni	0.000	0.03448	0.8246	0.000	0.1707	0.004719
as	0.000	0.0005519	0.000	0.000	1.000	0.000
se	0.000	0.0005519	0.000	0.000	1.000	0.000

tahoma woods
159.8 6.000 8.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1363.059	Degrees of freedom:	14
R-squared:	0.885	Rbar-squared:	0.861
Residual SS:	156.087	Std error of est:	3.339
F(4,14):	27.064	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.430444	0.112727	3.818462	0.002	0.276346	0.338962
Burn	3.734478	0.559696	6.672338	0.000	0.667095	0.797642
Lime	0.598042	0.092417	6.471121	0.000	0.466294	0.511447
Trans	0.140656	0.126847	1.108860	0.286	0.110195	0.576091

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	26.96	26.97	0.000	0.8031	0.01029	0.1866
br	0.4300	0.3513	0.000	0.3189	0.04086	0.6402
cu	0.4700	0.4277	0.03120	0.9605	0.006992	0.001315
fe	12.48	4.451	0.8211	0.1678	0.005509	0.005593
k	22.76	23.37	0.02402	0.9427	0.03324	3.009E-05
mn	0.5900	0.05887	0.3144	0.2537	0.1524	0.2795
na	22.50	22.55	0.000	0.03974	0.9603	0.000
pb	0.8400	1.059	0.01463	0.1058	0.01017	0.8694
v	0.5600	0.07467	0.4554	0.000	0.5446	0.000
zn	2.790	0.04764	0.6235	0.000	0.07533	0.3012
si	6.340	11.42	0.8988	0.09814	0.001991	0.001109
al	10.80	8.062	0.8371	0.1575	0.004747	0.0006804
ca	8.910	2.237	0.2376	0.6677	0.09143	0.003207
ti	2.690	0.4373	0.9518	0.04270	0.005470	0.000
zr	0.000	0.03989	0.8201	0.000	0.1799	0.000
ni	0.09000	0.04051	0.5207	0.000	0.4724	0.006944
as	0.5700	0.03666	0.9511	0.000	0.04894	0.000
se	0.000	0.01729	0.8962	0.000	0.1038	0.000

tahoma woods
160.3 6.000 9.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	3220.645	Degrees of freedom:	15
R-squared:	0.950	Rbar-squared:	0.944
Residual SS:	159.729	Std error of est:	3.263
F(3,15):	95.816	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.549413	0.130340	4.215248	0.000	0.200034	0.279383
Burn	6.666042	0.396115	16.828532	0.000	0.801549	0.857683
Kraft	1.186283	0.128793	9.210744	0.000	0.437014	0.510585

	Measured	Predicted	Soil	Burn	Kraft
b_{abs}	36.81	38.71	0.000	0.9987	0.001287
br	1.150	0.2664	0.000	0.7506	0.2494
cu	0.5400	0.7345	0.000	0.9984	0.001615
fe	7.690	5.063	0.7032	0.2633	0.03351
k	43.99	42.40	0.01607	0.9277	0.05624
mn	1.680	0.09292	0.5854	0.2870	0.1277
na	31.54	31.67	0.000	0.05051	0.9495
pb	2.270	0.2190	0.000	0.9133	0.08668
v	0.5000	0.04413	0.9462	0.000	0.05377
zn	10.81	0.03419	0.5142	0.000	0.4858
si	13.84	15.17	0.8511	0.1318	0.01712
al	4.640	5.487	0.4847	0.4131	0.1023
ca	9.010	4.631	0.4081	0.5758	0.01614
ti	1.370	0.5592	0.9255	0.05961	0.01485
zr	0.000	0.01068	0.000	0.000	1.000
ni	0.3300	0.04669	0.3648	0.000	0.6352
as	0.6100	0.003559	0.000	0.000	1.000
se	0.07000	0.003559	0.000	0.000	1.000

tahoma woods

160.8 6.000 9.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	506.965	Degrees of freedom:	14
R-squared:	0.862	Rbar-squared:	0.832
Residual SS:	69.990	Std error of est:	2.236
F(4,14):	21.852	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.231796	0.242650	0.955270	0.356	0.202384	0.556909
Coal fired	0.315097	0.204445	1.541228	0.146	0.326548	0.565654
Burn	1.870595	0.271002	6.902506	0.000	0.539392	0.619900
Lime	0.408903	0.061827	6.613643	0.000	0.514654	0.551396

	Measured	Predicted	Soil	Coal fired	Burn	Lime
b_{abs}	10.53	11.04	0.000	0.000	0.9828	0.01719
br	0.000	0.06593	0.000	0.000	0.8512	0.1488
cu	0.6400	0.2176	0.000	0.04489	0.9457	0.009397
fe	2.890	4.568	0.3288	0.5856	0.08189	0.003670
k	12.24	12.27	0.02343	0.03350	0.8998	0.04330
mn	0.000	0.05011	0.4579	0.2704	0.1493	0.1224
na	15.19	15.26	0.000	0.000	0.02943	0.9706
pb	1.410	0.07482	0.000	0.1516	0.7500	0.09837
v	0.000	0.07031	0.2505	0.3540	0.000	0.3954
zn	1.680	0.03161	0.2346	0.6878	0.000	0.07761
si	12.49	13.53	0.4025	0.5549	0.04146	0.001148
al	8.600	6.724	0.1668	0.7347	0.09458	0.003892
ca	9.660	2.075	0.3844	0.1876	0.3607	0.06741
ti	0.8000	0.5340	0.4089	0.5706	0.01751	0.003063
zr	0.000	0.02885	0.000	0.8299	0.000	0.1701
ni	0.000	0.03571	0.2012	0.4324	0.000	0.3664
as	0.000	0.02675	0.000	0.9541	0.000	0.04586
se	0.000	0.01257	0.000	0.9024	0.000	0.09759

tahoma woods
161.3 6.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1027.521	Degrees of freedom:	15
R-squared:	0.924	Rbar-squared:	0.913
Residual SS:	78.507	Std error of est:	2.288
F(3,15):	60.442	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.506541	0.076986	6.579615	0.000	0.397637	0.431230
Burn	1.541519	0.277254	5.559955	0.000	0.336699	0.422682
Lime	0.821737	0.063260	12.989748	0.000	0.783423	0.806553

	Measured	Predicted	Coal fired	Burn	Lime
b_{abs}	9.355	9.322	0.000	0.9591	0.04090
br	0.000	0.06597	0.000	0.7010	0.2990
cu	0.000	0.1894	0.08292	0.8954	0.02170
fe	3.200	4.643	0.9263	0.06640	0.007256
k	10.36	10.82	0.06103	0.8403	0.09863
mn	0.7300	0.04027	0.5408	0.1531	0.3061
na	30.09	30.13	0.000	0.01228	0.9877
pb	0.000	0.07927	0.2300	0.5834	0.1866
v	0.000	0.09589	0.4173	0.000	0.5827
zn	2.190	0.03988	0.8764	0.000	0.1236
si	8.980	12.57	0.9607	0.03680	0.002485
al	14.37	8.519	0.9323	0.06152	0.006174
ca	6.390	1.523	0.4107	0.4048	0.1845
ti	1.000	0.5008	0.9780	0.01539	0.006563
zr	0.000	0.04836	0.7961	0.000	0.2039
ni	0.000	0.05112	0.4856	0.000	0.5144
as	0.000	0.04350	0.9433	0.000	0.05668
se	0.000	0.02070	0.8809	0.000	0.1191

tahoma woods
161.8 6.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	303.224	Degrees of freedom:	15
R-squared:	0.698	Rbar-squared:	0.657
Residual SS:	91.710	Std error of est:	2.473
F(3,15):	11.532	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.386355	0.083217	4.642755	0.000	0.530213	0.572729
Burn	0.865348	0.300160	2.882957	0.011	0.330428	0.429099
Kraft	0.496271	0.097596	5.084952	0.000	0.580563	0.621032

	Measured	Predicted	Coal fired	Burn	Kraft
b_{abs}	4.908	5.040	0.000	0.9959	0.004136
br	0.000	0.05375	0.000	0.4830	0.5170
cu	0.7300	0.1077	0.1112	0.8841	0.004610
fe	2.960	3.525	0.9308	0.04910	0.02013
k	6.370	6.607	0.07625	0.7728	0.1510
mn	0.7900	0.02504	0.6635	0.1382	0.1982
na	12.71	12.79	0.000	0.01624	0.9838
pb	0.000	0.04781	0.2909	0.5430	0.1661
v	0.5700	0.03151	0.9685	0.000	0.03149
zn	0.6000	0.03361	0.7933	0.000	0.2067
si	4.850	9.578	0.9615	0.02710	0.01135
al	13.68	6.587	0.9197	0.04467	0.03564
ca	3.900	0.8546	0.5584	0.4051	0.03659
ti	3.170	0.3814	0.9795	0.01134	0.009108
zr	0.000	0.03383	0.8680	0.000	0.1320
ni	0.000	0.03134	0.6041	0.000	0.3959
as	0.000	0.03278	0.9546	0.000	0.04541
se	0.000	0.01540	0.9033	0.000	0.09669

tahoma woods

162.3 6.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8349.361	Degrees of freedom:	14
R-squared:	0.986	Rbar-squared:	0.983
Residual SS:	116.904	Std error of est:	2.890
F(4,14):	246.472	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.133449	0.115784	9.789368	0.000	0.283533	0.301686
Burn	1.865296	0.484323	3.851346	0.002	0.154101	0.242810
Lime	2.563156	0.079980	32.047407	0.000	0.924279	0.935534
Trans	0.017077	0.109773	0.155570	0.879	0.006188	0.125068

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	12.35	12.62	0.000	0.8573	0.09425	0.04842
br	1.380	0.1448	0.000	0.3865	0.4249	0.1886
cu	0.7200	0.2181	0.000	0.9409	0.05877	0.0003133
fe	8.270	7.826	0.9385	0.04767	0.01343	0.0003862
k	15.76	15.74	0.08929	0.6992	0.2115	5.425E-06
mn	0.000	0.1601	0.7008	0.04660	0.2401	0.01248
na	93.19	93.26	0.000	0.004800	0.9952	0.000
pb	1.340	0.2139	0.000	0.2617	0.2157	0.5226
v	0.6300	0.2604	0.3308	0.000	0.6692	0.000
zn	0.9200	0.05339	0.6793	0.000	0.2880	0.03263
si	27.20	27.29	0.9759	0.02050	0.003568	5.631E-05
al	0.000	6.285	0.8729	0.1009	0.02610	0.0001060
ca	14.07	5.523	0.7060	0.1351	0.1587	0.0001577
ti	1.400	1.087	0.9820	0.008578	0.009430	0.000
zr	0.000	0.03076	0.000	0.000	1.000	0.000
ni	0.1600	0.1172	0.2998	0.000	0.6999	0.0002914
as	0.000	0.007689	0.000	0.000	1.000	0.000
se	0.07000	0.007689	0.000	0.000	1.000	0.000

tahoma woods
162.8 6.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	437.760	Degrees of freedom:	14
R-squared:	0.961	Rbar-squared:	0.952
Residual SS:	17.217	Std error of est:	1.109
F(4,14):	85.492	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.351525	0.120360	2.920616	0.011	0.352198	0.805033
Coal fired	0.371769	0.101413	3.665893	0.003	0.442118	0.811680
Burn	1.384835	0.185387	7.469958	0.000	0.458231	0.609950
Trans	0.080399	0.042093	1.910027	0.077	0.116676	0.435091

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	10.91	10.91	0.000	0.000	0.7363	0.2637
br	0.7300	0.1701	0.000	0.000	0.2442	0.7558
cu	0.6300	0.1642	0.000	0.07020	0.9278	0.001959
fe	3.680	5.726	0.3978	0.5513	0.04837	0.002485
k	8.890	9.092	0.04794	0.05332	0.8987	4.422E-05
mn	0.000	0.06573	0.5294	0.2432	0.08427	0.1431
na	0.000	0.3324	0.000	0.000	1.000	0.000
pb	0.4400	0.5811	0.000	0.02303	0.07149	0.9055
v	0.6100	0.05609	0.4763	0.5237	0.000	0.000
zn	0.6500	0.04510	0.2494	0.5688	0.000	0.1818
si	17.47	17.55	0.4708	0.5051	0.02368	0.0004124
al	9.030	8.004	0.2126	0.7282	0.05882	0.0003917
ca	5.400	2.226	0.5431	0.2062	0.2488	0.001842
ti	0.000	0.6976	0.4747	0.5154	0.009926	0.000
zr	0.000	0.02825	0.000	1.000	0.000	0.000
ni	0.000	0.02927	0.3722	0.6223	0.000	0.005493
as	0.1700	0.03011	0.000	1.000	0.000	0.000
se	0.1400	0.01338	0.000	1.000	0.000	0.000

tahoma woods
163.8 6.000 12.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5718.049	Degrees of freedom:	15
R-squared:	0.990	Rbar-squared:	0.988
Residual SS:	58.803	Std error of est:	1.980
F(3,15):	481.206	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.592672	0.079079	7.494650	0.000	0.182980	0.197343
Burn	1.079245	0.239933	4.498106	0.000	0.110044	0.187947
Lime	2.163043	0.054749	39.508271	0.000	0.962675	0.970565

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	5.318	7.263	0.000	0.8618	0.1382
br	0.4900	0.08429	0.000	0.3841	0.6159
cu	0.000	0.1295	0.000	0.9165	0.08349
fe	3.490	4.145	0.9265	0.05207	0.02140
k	11.51	9.912	0.07414	0.6424	0.2835
mn	0.3600	0.09544	0.6148	0.04523	0.3400
na	78.49	78.58	0.000	0.003296	0.9967
pb	0.7400	0.07131	0.000	0.4540	0.5460
v	0.000	0.1921	0.2344	0.000	0.7656
zn	1.510	0.03194	0.5937	0.000	0.4063
si	13.77	14.33	0.9717	0.02259	0.005734
al	1.740	3.374	0.8502	0.1088	0.04103
ca	10.00	3.210	0.6351	0.1345	0.2304
ti	0.5800	0.5723	0.9755	0.009428	0.01512
zr	0.000	0.02596	0.000	0.000	1.000
ni	0.000	0.08759	0.2098	0.000	0.7902
as	0.000	0.006489	0.000	0.000	1.000
se	0.1100	0.006489	0.000	0.000	1.000

tahoma woods
164.3 6.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6416.305	Degrees of freedom:	14
R-squared:	0.994	Rbar-squared:	0.993
Residual SS:	36.992	Std error of est:	1.626
F(4,14):	603.575	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.343205	0.065131	5.269450	0.000	0.098314	0.126504
Burn	2.777331	0.272443	10.194169	0.000	0.262753	0.396144
Lime	2.211480	0.044991	49.154158	0.000	0.913216	0.931694
Trans	0.232090	0.061750	3.758550	0.002	0.096299	0.289026

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	25.47	25.44	0.000	0.6332	0.04034	0.3264
br	0.8600	0.5075	0.000	0.1642	0.1046	0.7312
cu	0.000	0.3175	0.000	0.9622	0.03483	0.002924
fe	4.720	2.911	0.7639	0.1908	0.03115	0.01411
k	19.47	19.69	0.02162	0.8324	0.1459	5.895E-05
mn	0.6300	0.1054	0.3223	0.1054	0.3147	0.2576
na	80.71	80.74	0.000	0.008255	0.9917	0.000
pb	1.300	1.642	0.000	0.05074	0.02424	0.9250
v	0.000	0.1765	0.1478	0.000	0.8522	0.000
zn	1.440	0.04792	0.2292	0.000	0.2769	0.4940
si	8.360	9.003	0.8958	0.09254	0.009334	0.002320
al	0.000	2.756	0.6027	0.3426	0.05136	0.003284
ca	7.820	3.060	0.3859	0.3631	0.2472	0.003869
ti	0.9300	0.3460	0.9343	0.04013	0.02556	0.000
zr	0.000	0.02654	0.000	0.000	1.000	0.000
ni	0.000	0.08187	0.1300	0.000	0.8644	0.005670
as	0.2400	0.006634	0.000	0.000	1.000	0.000
se	0.1200	0.006634	0.000	0.000	1.000	0.000

tahoma woods
164.8 6.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1670.167	Degrees of freedom:	14
R-squared:	0.978	Rbar-squared:	0.973
Residual SS:	37.330	Std error of est:	1.633
F(4,14):	153.094	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.649701	0.177228	3.665913	0.003	0.337447	0.509476
Coal fired	0.206978	0.149328	1.386061	0.187	0.127600	0.495400
Burn	3.382572	0.272979	12.391331	0.000	0.580223	0.856015
Trans	0.452356	0.061981	7.298297	0.000	0.340309	0.741241

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	36.17	35.81	0.000	0.000	0.5479	0.4521
br	1.270	0.8248	0.000	0.000	0.1230	0.8770
cu	0.4200	0.3803	0.000	0.01687	0.9784	0.004758
fe	7.230	6.724	0.6261	0.2614	0.1006	0.01191
k	20.39	21.03	0.03830	0.01283	0.9488	0.0001075
mn	0.8200	0.1397	0.4605	0.06372	0.09687	0.3789
na	0.000	0.8118	0.000	0.000	1.000	0.000
pb	0.9100	3.070	0.000	0.002427	0.03306	0.9645
v	0.4500	0.06573	0.7512	0.2488	0.000	0.000
zn	1.850	0.08121	0.2560	0.1759	0.000	0.5681
si	20.21	21.26	0.7182	0.2321	0.04774	0.001915
al	8.440	7.557	0.4161	0.4294	0.1522	0.002334
ca	8.510	3.867	0.5780	0.06611	0.3499	0.005966
ti	2.670	0.8291	0.7382	0.2414	0.02040	0.000
zr	0.000	0.01573	0.000	1.000	0.000	0.000
ni	0.000	0.03119	0.6458	0.3252	0.000	0.02901
as	0.6800	0.01677	0.000	1.000	0.000	0.000
se	0.000	0.007451	0.000	1.000	0.000	0.000

tahoma woods
165.3 6.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5501.060	Degrees of freedom:	14
R-squared:	0.955	Rbar-squared:	0.946
Residual SS:	246.795	Std error of est:	4.199
F(4,14):	74.515	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.644877	0.168229	9.777601	0.000	0.454596	0.503874
Burn	5.658044	0.703702	8.040395	0.000	0.516434	0.742171
Lime	1.141560	0.116208	9.823421	0.000	0.454796	0.492815
Trans	0.566510	0.159496	3.551879	0.003	0.226778	0.589558

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	53.82	53.62	0.000	0.6121	0.009879	0.3781
br	1.010	1.103	0.000	0.1539	0.02484	0.8213
cu	0.6800	0.6304	0.000	0.9874	0.009055	0.003595
fe	19.28	11.94	0.8929	0.09479	0.003921	0.008400
k	36.59	36.91	0.05526	0.9045	0.04018	7.675E-05
mn	2.060	0.2689	0.6056	0.08417	0.06368	0.2465
na	42.64	42.69	0.000	0.03181	0.9682	0.000
pb	2.540	3.898	0.000	0.04354	0.005271	0.9512
v	0.4800	0.2026	0.6169	0.000	0.3831	0.000
zn	5.470	0.1173	0.4488	0.000	0.05841	0.4927
si	39.36	40.45	0.9557	0.04197	0.001073	0.001261
al	0.000	9.980	0.7977	0.1928	0.007321	0.002214
ca	15.89	8.341	0.6784	0.2713	0.04681	0.003464
ti	1.900	1.582	0.9792	0.01788	0.002886	0.000
zr	0.000	0.01370	0.000	0.000	1.000	0.000
ni	0.4200	0.08865	0.5752	0.000	0.4120	0.01278
as	0.9300	0.003425	0.000	0.000	1.000	0.000
se	0.3300	0.003425	0.000	0.000	1.000	0.000

tahoma woods
165.8 6.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4902.299	Degrees of freedom:	14
R-squared:	0.970	Rbar-squared:	0.963
Residual SS:	148.415	Std error of est:	3.256
F(4,14):	112.109	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.527070	0.130458	11.705450	0.000	0.453849	0.500798
Burn	4.977836	0.545706	9.121823	0.000	0.488596	0.745725
Lime	1.051020	0.090117	11.662861	0.000	0.450288	0.487112
Trans	0.634030	0.123686	5.126140	0.000	0.272939	0.616512

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	52.36	52.05	0.000	0.5547	0.009370	0.4359
br	1.180	1.188	0.000	0.1257	0.02123	0.8531
cu	0.5100	0.5554	0.000	0.9860	0.009463	0.004567
fe	15.70	11.05	0.8958	0.09013	0.003901	0.01016
k	32.46	32.63	0.05803	0.9000	0.04184	9.715E-05
mn	1.810	0.2610	0.5791	0.07628	0.06039	0.2842
na	39.23	39.25	0.000	0.03044	0.9696	0.000
pb	2.410	4.318	0.000	0.03458	0.004381	0.9610
v	0.7900	0.1875	0.6189	0.000	0.3811	0.000
zn	4.640	0.1198	0.4078	0.000	0.05262	0.5396
si	37.62	37.48	0.9576	0.03985	0.001066	0.001523
al	0.000	9.175	0.8055	0.1845	0.007331	0.002695
ca	11.16	7.636	0.6879	0.2608	0.04707	0.004235
ti	0.000	1.468	0.9802	0.01696	0.002865	0.000
zr	0.000	0.01261	0.000	0.000	1.000	0.000
ni	0.4000	0.08224	0.5756	0.000	0.4090	0.01542
as	0.9500	0.003153	0.000	0.000	1.000	0.000
se	0.1200	0.003153	0.000	0.000	1.000	0.000

tahoma woods
166.3 6.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7927.847	Degrees of freedom:	14
R-squared:	0.988	Rbar-squared:	0.986
Residual SS:	93.594	Std error of est:	2.586
F(4,14):	292.968	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.210036	0.103599	21.332609	0.000	0.510296	0.545303
Burn	4.567649	0.433354	10.540214	0.000	0.348315	0.613398
Lime	1.772468	0.071563	24.767836	0.000	0.589967	0.617980
Trans	0.789889	0.098221	8.041972	0.000	0.264175	0.513274

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	55.98	55.58	0.000	0.4767	0.01480	0.5085
br	1.320	1.443	0.000	0.09499	0.02949	0.8755
cu	0.3100	0.5145	0.000	0.9766	0.01723	0.006141
fe	18.52	15.45	0.9271	0.05914	0.004705	0.009051
k	31.20	32.00	0.08565	0.8423	0.07196	0.0001234
mn	1.410	0.3561	0.6145	0.05131	0.07467	0.2595
na	65.24	65.28	0.000	0.01679	0.9832	0.000
pb	2.970	5.339	0.000	0.02567	0.005976	0.9684
v	0.000	0.2885	0.5822	0.000	0.4178	0.000
zn	5.880	0.1619	0.4368	0.000	0.06568	0.4976
si	51.80	53.44	0.9718	0.02564	0.001260	0.001330
al	11.83	12.39	0.8631	0.1253	0.009153	0.002486
ca	16.45	10.08	0.7545	0.1813	0.06016	0.003998
ti	2.380	2.112	0.9858	0.01081	0.003357	0.000
zr	0.000	0.02127	0.000	0.000	1.000	0.000
ni	0.3300	0.1268	0.5403	0.000	0.4473	0.01246
as	0.000	0.005317	0.000	0.000	1.000	0.000
se	0.1900	0.005317	0.000	0.000	1.000	0.000

tahoma woods
166.8 6.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9500.865	Degrees of freedom:	14
R-squared:	0.990	Rbar-squared:	0.988
Residual SS:	91.924	Std error of est:	2.562
F(4,14):	358.247	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.359320	0.102671	13.239633	0.000	0.308977	0.343017
Burn	4.435314	0.429471	10.327392	0.000	0.332954	0.477626
Lime	2.510111	0.070922	35.392575	0.000	0.822476	0.846393
Trans	0.284611	0.097341	2.923870	0.011	0.093704	0.334396

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	37.33	37.07	0.000	0.6939	0.03142	0.2747
br	1.150	0.6484	0.000	0.2052	0.09291	0.7019
cu	0.4600	0.5016	0.000	0.9727	0.02502	0.002270
fe	9.850	9.849	0.8944	0.09007	0.01045	0.005115
k	31.00	31.12	0.05417	0.8410	0.1048	4.573E-05
mn	0.6100	0.2233	0.6027	0.07946	0.1686	0.1491
na	91.93	91.96	0.000	0.01158	0.9884	0.000
pb	0.5000	2.041	0.000	0.06519	0.02214	0.9127
v	0.000	0.2740	0.3770	0.000	0.6230	0.000
zn	0.8700	0.08759	0.4966	0.000	0.1719	0.3314
si	34.48	33.40	0.9565	0.03984	0.002856	0.0007670
al	0.000	8.259	0.7966	0.1826	0.01945	0.001344
ca	11.63	7.323	0.6385	0.2423	0.1172	0.001982
ti	1.070	1.313	0.9755	0.01689	0.007649	0.000
zr	0.000	0.03012	0.000	0.000	1.000	0.000
ni	0.000	0.1230	0.3425	0.000	0.6529	0.004627
as	0.5700	0.007530	0.000	0.000	1.000	0.000
se	0.2400	0.007530	0.000	0.000	1.000	0.000

tahoma woods
167.3 6.000 ni

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2994.568	Degrees of freedom:	14
R-squared:	0.989	Rbar-squared:	0.987
Residual SS:	32.861	Std error of est:	1.532
F(4,14):	315.453	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.422090	0.061386	6.875990	0.000	0.173771	0.199309
Burn	1.714554	0.256778	6.677179	0.000	0.233120	0.377134
Lime	1.530510	0.042404	36.093676	0.000	0.908312	0.925327
Trans	0.171681	0.058199	2.949877	0.011	0.102376	0.274961

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	16.83	16.80	0.000	0.5920	0.04228	0.3657
br	0.6600	0.3627	0.000	0.1418	0.1013	0.7569
cu	0.000	0.1969	0.000	0.9577	0.03886	0.003487
fe	4.220	3.171	0.8625	0.1081	0.01979	0.009582
k	12.31	12.63	0.04145	0.8011	0.1574	6.797E-05
mn	0.000	0.09169	0.4557	0.07480	0.2504	0.2191
na	55.80	55.83	0.000	0.007370	0.9926	0.000
pb	0.8700	1.203	0.000	0.04277	0.02291	0.9343
v	0.000	0.1362	0.2356	0.000	0.7644	0.000
zn	3.330	0.04020	0.3360	0.000	0.2284	0.4356
si	9.540	10.51	0.9440	0.04895	0.005535	0.001471
al	2.910	2.731	0.7482	0.2135	0.03587	0.002452
ca	7.060	2.670	0.5438	0.2569	0.1960	0.003279
ti	0.7000	0.4123	0.9644	0.02079	0.01485	0.000
zr	0.3000	0.01837	0.000	0.000	1.000	0.000
ni	0.000	0.06240	0.2097	0.000	0.7848	0.005502
as	0.4100	0.004592	0.000	0.000	1.000	0.000
se	0.000	0.004592	0.000	0.000	1.000	0.000

tahoma woods
167.8 6.000 16.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4424.016	Degrees of freedom:	14
R-squared:	0.968	Rbar-squared:	0.962
Residual SS:	139.950	Std error of est:	3.162
F(4,14):	107.140	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.423708	0.126683	3.344626	0.005	0.141091	0.168899
Burn	2.327145	0.529917	4.391531	0.000	0.255925	0.485104
Lime	1.755771	0.087509	20.063810	0.000	0.842807	0.862833
Trans	0.490436	0.120107	4.083331	0.001	0.236548	0.423853

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	32.04	31.86	0.000	0.4236	0.02557	0.5508
br	1.080	0.8962	0.000	0.07790	0.04702	0.8751
cu	0.3100	0.2667	0.000	0.9597	0.03291	0.007355
fe	4.980	3.370	0.8148	0.1381	0.02136	0.02576
k	15.99	16.54	0.03177	0.8302	0.1379	0.0001483
mn	0.6600	0.1350	0.3108	0.06897	0.1951	0.4251
na	64.08	64.13	0.000	0.008708	0.9913	0.000
pb	2.080	3.311	0.000	0.02108	0.009544	0.9694
v	0.000	0.1516	0.2124	0.000	0.7876	0.000
zn	7.790	0.07412	0.1829	0.000	0.1421	0.6749
si	9.760	10.77	0.9249	0.06485	0.006197	0.004100
al	0.000	2.973	0.6897	0.2661	0.03779	0.006433
ca	11.07	3.014	0.4836	0.3089	0.1992	0.008299
ti	0.7200	0.4178	0.9553	0.02785	0.01681	0.000
zr	0.000	0.02107	0.000	0.000	1.000	0.000
ni	0.000	0.07030	0.1868	0.000	0.7992	0.01395
as	0.8900	0.005267	0.000	0.000	1.000	0.000
se	0.05000	0.005267	0.000	0.000	1.000	0.000

tahoma woods
168.8 6.000 17.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5676.594	Degrees of freedom:	14
R-squared:	0.987	Rbar-squared:	0.984
Residual SS:	73.134	Std error of est:	2.286
F(4,14):	268.166	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.404030	0.091578	26.251061	0.000	0.655441	0.702180
Burn	5.556808	0.383073	14.505888	0.000	0.500352	0.708755
Lime	0.629567	0.063260	9.952083	0.000	0.247436	0.284959
Trans	0.493004	0.086824	5.678180	0.000	0.194691	0.544571

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	49.71	50.16	0.000	0.6425	0.005823	0.3517
br	2.480	0.9701	0.000	0.1718	0.01557	0.8126
cu	0.000	0.6164	0.000	0.9917	0.005107	0.003199
fe	12.11	16.80	0.9271	0.06614	0.001536	0.005193
k	37.22	36.59	0.08148	0.8961	0.02235	6.738E-05
mn	1.410	0.3274	0.7270	0.06790	0.02885	0.1762
na	24.13	24.13	0.000	0.05527	0.9447	0.000
pb	5.510	3.405	0.000	0.04896	0.003328	0.9477
v	0.6900	0.2255	0.8102	0.000	0.1898	0.000
zn	6.080	0.1310	0.5873	0.000	0.02884	0.3839
si	59.66	58.23	0.9702	0.02863	0.0004108	0.0007620
al	13.89	13.58	0.8565	0.1391	0.002966	0.001415
ca	8.820	10.73	0.7705	0.2071	0.02006	0.002343
ti	3.120	2.295	0.9868	0.01211	0.001097	0.000
zr	0.000	0.007555	0.000	0.000	1.000	0.000
ni	0.4100	0.09566	0.7791	0.000	0.2106	0.01031
as	0.000	0.001889	0.000	0.000	1.000	0.000
se	0.2500	0.001889	0.000	0.000	1.000	0.000

tahoma woods
169.3 6.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	45377.326	Degrees of freedom:	15
R-squared:	0.987	Rbar-squared:	0.985
Residual SS:	611.034	Std error of est:	6.382
F(3,15):	366.316	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.208523	0.254916	12.586595	0.000	0.335579	0.365398
Burn	8.335887	0.773436	10.777737	0.000	0.287937	0.373040
Lime	5.714001	0.176486	32.376468	0.000	0.861502	0.881474

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	49.75	51.00	0.000	0.9480	0.05199
br	2.710	0.3872	0.000	0.6458	0.3542
cu	0.4600	0.9455	0.000	0.9698	0.03022
fe	27.25	22.69	0.9162	0.07347	0.01032
k	61.75	60.58	0.06567	0.8118	0.1225
mn	1.470	0.4367	0.7274	0.07635	0.1963
na	208.8	208.9	0.000	0.009577	0.9904
pb	2.230	0.3529	0.000	0.7086	0.2914
v	0.5100	0.6324	0.3856	0.000	0.6144
zn	5.370	0.1370	0.7497	0.000	0.2503
si	78.64	78.12	0.9652	0.03201	0.002780
al	0.000	18.73	0.8291	0.1513	0.01953
ca	30.36	16.33	0.6761	0.2042	0.1197
ti	1.880	3.087	0.9791	0.01350	0.007404
zr	0.000	0.06857	0.000	0.000	1.000
ni	0.5100	0.2823	0.3523	0.000	0.6477
as	0.2700	0.01714	0.000	0.000	1.000
se	0.3600	0.01714	0.000	0.000	1.000

tahoma woods
169.8 6.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	10600.733	Degrees of freedom:	15
R-squared:	0.952	Rbar-squared:	0.945
Residual SS:	512.419	Std error of est:	5.845
F(3,15):	98.438	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.938430	0.233441	8.303734	0.000	0.396873	0.464690
Burn	10.877213	0.708279	15.357251	0.000	0.735488	0.797718
Lime	1.415237	0.161618	8.756656	0.000	0.417693	0.466552

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	59.83	63.74	0.000	0.9897	0.01030
br	1.890	0.3603	0.000	0.9057	0.09428
cu	0.000	1.204	0.000	0.9941	0.005879
fe	15.15	14.79	0.8490	0.1470	0.003922
k	71.86	68.42	0.03513	0.9380	0.02687
mn	0.8500	0.2566	0.7478	0.1695	0.08272
na	53.64	53.86	0.000	0.04847	0.9515
pb	0.8000	0.3518	0.000	0.9276	0.07241
v	0.4200	0.2436	0.6049	0.000	0.3951
zn	1.370	0.07052	0.8796	0.000	0.1204
si	48.83	48.87	0.9321	0.06677	0.001100
al	0.000	13.17	0.7123	0.2808	0.006877
ca	28.88	11.50	0.5797	0.3782	0.04208
ti	0.000	1.886	0.9682	0.02884	0.003001
zr	0.000	0.01698	0.000	0.000	1.000
ni	0.1800	0.1054	0.5702	0.000	0.4298
as	0.000	0.004246	0.000	0.000	1.000
se	0.1100	0.004246	0.000	0.000	1.000

tahoma woods
170.3 6.000 19.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6720.288	Degrees of freedom:	14
R-squared:	0.981	Rbar-squared:	0.977
Residual SS:	125.482	Std error of est:	2.994
F(4,14):	183.946	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.227004	0.324933	6.853723	0.000	0.587141	0.920942
Coal fired	1.056428	0.273782	3.858638	0.002	0.330595	0.903327
Burn	3.321435	0.500486	6.636415	0.000	0.289204	0.427685
Trans	0.213383	0.113637	1.877756	0.081	0.081486	0.284119

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	27.00	26.90	0.000	0.000	0.7162	0.2838
br	0.8200	0.4408	0.000	0.000	0.2260	0.7740
cu	0.7300	0.3990	0.000	0.08209	0.9158	0.002139
fe	19.12	24.10	0.5987	0.3722	0.02756	0.001567
k	23.08	23.74	0.1163	0.05804	0.8256	4.495E-05
mn	0.7000	0.3042	0.7249	0.1494	0.04368	0.08208
na	0.000	0.7971	0.000	0.000	1.000	0.000
pb	0.8700	1.534	0.000	0.02479	0.06494	0.9103
v	0.4100	0.2527	0.6697	0.3303	0.000	0.000
zn	2.970	0.1659	0.4295	0.4393	0.000	0.1312
si	78.08	78.53	0.6664	0.3207	0.01269	0.0002445
al	31.26	28.48	0.3785	0.5816	0.03965	0.0002922
ca	19.35	10.31	0.7434	0.1266	0.1289	0.001056
ti	2.100	3.136	0.6690	0.3258	0.005296	0.000
zr	0.000	0.08029	0.000	1.000	0.000	0.000
ni	0.1000	0.1212	0.5695	0.4270	0.000	0.003520
as	0.000	0.08557	0.000	1.000	0.000	0.000
se	0.000	0.03803	0.000	1.000	0.000	0.000

tahoma woods
170.8 6.000 19.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2233.162	Degrees of freedom:	14
R-squared:	0.996	Rbar-squared:	0.995
Residual SS:	8.611	Std error of est:	0.784
F(4,14):	904.147	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.910844	0.085122	10.700490	0.000	0.407485	0.743679
Coal fired	0.571377	0.071722	7.966577	0.000	0.303407	0.736922
Burn	4.050003	0.131111	30.889977	0.000	0.598384	0.718602
Trans	0.126381	0.029769	4.245359	0.000	0.081894	0.496335

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	27.96	28.01	0.000	0.000	0.8386	0.1614
br	0.7600	0.3236	0.000	0.000	0.3755	0.6245
cu	0.4100	0.4637	0.000	0.03820	0.9607	0.001090
fe	10.40	11.59	0.5094	0.4187	0.06991	0.001931
k	25.74	25.77	0.04383	0.02891	0.9272	2.452E-05
mn	0.4200	0.1457	0.6188	0.1686	0.1112	0.1015
na	0.000	0.9720	0.000	0.000	1.000	0.000
pb	1.150	0.9692	0.000	0.02122	0.1254	0.8534
v	0.000	0.1144	0.6053	0.3947	0.000	0.000
zn	1.420	0.08146	0.3578	0.4840	0.000	0.1582
si	36.16	36.25	0.5905	0.3757	0.03352	0.0003138
al	15.36	14.75	0.2989	0.6074	0.09336	0.0003342
ca	7.390	5.465	0.5733	0.1291	0.2964	0.001179
ti	1.670	1.431	0.5997	0.3862	0.01415	0.000
zr	0.000	0.04342	0.000	1.000	0.000	0.000
ni	0.09000	0.05649	0.4999	0.4957	0.000	0.004475
as	0.000	0.04628	0.000	1.000	0.000	0.000
se	0.06000	0.02057	0.000	1.000	0.000	0.000

tahoma woods
171.3 6.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	17779.229	Degrees of freedom:	14
R-squared:	0.979	Rbar-squared:	0.974
Residual SS:	381.908	Std error of est:	5.223
F(4,14):	159.438	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.545920	0.566871	4.491182	0.000	0.393988	0.738014
Coal fired	1.739731	0.477634	3.642394	0.003	0.319562	0.733278
Burn	10.046714	0.873136	11.506474	0.000	0.513475	0.703840
Trans	0.818751	0.198249	4.129909	0.001	0.183524	0.539583

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	87.55	87.57	0.000	0.000	0.6654	0.3346
br	1.380	1.611	0.000	0.000	0.1871	0.8129
cu	3.990	1.162	0.000	0.04640	0.9508	0.002818
fe	42.00	33.42	0.4936	0.4420	0.06012	0.004336
k	64.24	64.71	0.04879	0.03506	0.9161	6.327E-05
mn	3.120	0.4628	0.5446	0.1616	0.08683	0.2070
na	0.000	2.411	0.000	0.000	1.000	0.000
pb	5.360	5.723	0.000	0.01094	0.05267	0.9364
v	0.000	0.3309	0.5847	0.4153	0.000	0.000
zn	15.69	0.2850	0.2858	0.4212	0.000	0.2930
si	101.2	104.4	0.5731	0.3973	0.02887	0.0007059
al	42.77	43.05	0.2862	0.6337	0.07935	0.0007418
ca	21.15	14.97	0.5852	0.1436	0.2685	0.002790
ti	3.810	4.131	0.5806	0.4073	0.01216	0.000
zr	0.000	0.1322	0.000	1.000	0.000	0.000
ni	0.4000	0.1658	0.4760	0.5141	0.000	0.009876
as	0.000	0.1409	0.000	1.000	0.000	0.000
se	1.000	0.06263	0.000	1.000	0.000	0.000

tahoma woods
171.8 6.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9052.362	Degrees of freedom:	13
R-squared:	0.970	Rbar-squared:	0.961
Residual SS:	269.964	Std error of est:	4.557
F(5,13):	84.583	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.668042	0.494595	5.394397	0.000	0.562300	0.703982
Coal fired	0.397962	0.416737	0.954947	0.357	0.099552	0.672115
Burn	7.628025	0.764021	9.984046	0.000	0.530938	0.723685
Lime	0.567864	0.126129	4.502253	0.000	0.172522	0.211754
Trans	0.582901	0.173135	3.366740	0.005	0.177939	0.547949

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	65.13	65.36	0.000	0.000	0.6769	0.004031	0.3191
br	1.570	1.175	0.000	0.000	0.1948	0.01160	0.7936
cu	1.110	0.8566	0.000	0.01440	0.9796	0.003315	0.002722
fe	33.67	22.32	0.7746	0.1514	0.06835	0.001043	0.004622
k	49.25	49.57	0.06674	0.01047	0.9079	0.01488	5.879E-05
mn	3.600	0.3885	0.6799	0.04405	0.07854	0.02193	0.1756
na	22.34	22.39	0.000	0.000	0.08175	0.9182	0.000
pb	4.770	4.068	0.000	0.003521	0.05625	0.002512	0.9377
v	0.7400	0.2728	0.7432	0.1152	0.000	0.1415	0.000
zn	9.010	0.1757	0.4859	0.1563	0.000	0.01939	0.3384
si	70.75	74.55	0.8411	0.1273	0.03070	0.0002895	0.0007037
al	21.00	21.81	0.5922	0.2861	0.1189	0.001667	0.001043
ca	18.85	12.94	0.7090	0.03797	0.2357	0.01500	0.002297
ti	1.920	2.939	0.8553	0.1310	0.01298	0.0007730	0.000
zr	0.000	0.03706	0.000	0.8161	0.000	0.1839	0.000
ni	0.3300	0.1215	0.6805	0.1604	0.000	0.1495	0.009591
as	0.7300	0.03394	0.000	0.9498	0.000	0.05020	0.000
se	0.4400	0.01603	0.000	0.8937	0.000	0.1063	0.000

tahoma woods
172.3 6.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	55264.141	Degrees of freedom:	14
R-squared:	0.993	Rbar-squared:	0.991
Residual SS:	398.468	Std error of est:	5.335
F(4,14):	481.920	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.365962	0.579031	7.540122	0.000	0.396076	0.893884
Coal fired	4.737713	0.487880	9.710825	0.000	0.510156	0.902065
Burn	8.363575	0.891865	9.377623	0.000	0.250581	0.458084
Trans	1.393721	0.202502	6.882516	0.000	0.183138	0.359202

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	98.81	98.38	0.000	0.000	0.4931	0.5069
br	2.170	2.479	0.000	0.000	0.1012	0.8988
cu	1.870	1.072	0.000	0.1369	0.8579	0.005198
fe	74.26	70.44	0.4016	0.5711	0.02375	0.003502
k	59.58	60.94	0.08883	0.1014	0.8097	0.0001143
mn	4.830	0.8325	0.5192	0.2447	0.04019	0.1959
na	0.000	2.007	0.000	0.000	1.000	0.000
pb	6.820	9.543	0.000	0.01787	0.02629	0.9558
v	0.4700	0.7061	0.4699	0.5301	0.000	0.000
zn	12.47	0.6088	0.2295	0.5370	0.000	0.2335
si	214.8	218.2	0.4703	0.5176	0.01150	0.0005749
al	100.5	98.31	0.2149	0.7556	0.02892	0.0005529
ca	38.09	24.29	0.6184	0.2409	0.1377	0.002927
ti	6.440	8.736	0.4708	0.5244	0.004787	0.000
zr	0.000	0.3601	0.000	1.000	0.000	0.000
ni	0.5000	0.3703	0.3655	0.6270	0.000	0.007528
as	0.000	0.3838	0.000	1.000	0.000	0.000
se	0.8000	0.1706	0.000	1.000	0.000	0.000

tahoma woods
172.8 6.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	29460.022	Degrees of freedom:	14
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	238.854	Std error of est:	4.130
F(4,14):	428.186	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.464307	0.448302	5.496976	0.000	0.304915	0.794629
Coal fired	3.388381	0.377731	8.970365	0.000	0.497636	0.808346
Burn	6.932998	0.690508	10.040434	0.000	0.283310	0.589209
Trans	1.895548	0.156783	12.090289	0.000	0.339720	0.537879

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	109.4	108.0	0.000	0.000	0.3722	0.6278
br	1.830	3.239	0.000	0.000	0.06421	0.9358
cu	1.250	0.8753	0.000	0.1200	0.8713	0.008663
fe	50.71	46.46	0.3437	0.6192	0.02984	0.007221
k	46.35	48.39	0.06315	0.09131	0.8453	0.0001959
mn	2.770	0.6392	0.3817	0.2279	0.04339	0.3470
na	0.000	1.664	0.000	0.000	1.000	0.000
pb	5.460	12.74	0.000	0.009577	0.01633	0.9741
v	0.000	0.4550	0.4116	0.5884	0.000	0.000
zn	5.070	0.5060	0.1558	0.4621	0.000	0.3821
si	138.0	140.9	0.4109	0.5731	0.01476	0.001211
al	69.04	67.48	0.1767	0.7872	0.03493	0.001095
ca	26.42	15.53	0.5458	0.2694	0.1786	0.006224
ti	4.350	5.633	0.4121	0.5817	0.006154	0.000
zr	0.000	0.2575	0.000	1.000	0.000	0.000
ni	0.3500	0.2462	0.3103	0.6743	0.000	0.01540
as	0.000	0.2745	0.000	1.000	0.000	0.000
se	0.2300	0.1220	0.000	1.000	0.000	0.000

tahoma woods
173.3 6.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	48408.847	Degrees of freedom:	13
R-squared:	0.982	Rbar-squared:	0.976
Residual SS:	892.823	Std error of est:	8.287
F(5,13):	138.372	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.665291	0.899456	2.963226	0.011	0.247801	0.854508
Coal fired	5.571106	0.757866	7.351042	0.000	0.614801	0.880235
Burn	12.246669	1.389426	8.814190	0.000	0.376039	0.484352
Lime	1.484884	0.229374	6.473639	0.000	0.199011	0.227027
Trans	0.192951	0.314858	0.612820	0.551	0.025984	0.290716

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	77.95	78.62	0.000	0.000	0.9034	0.008763	0.08781
br	2.160	0.7116	0.000	0.000	0.5163	0.05008	0.4336
cu	1.170	1.528	0.000	0.1130	0.8816	0.004859	0.0005051
fe	65.47	67.12	0.2573	0.7048	0.03649	0.0009070	0.0005088
k	83.57	84.75	0.03899	0.08571	0.8525	0.02276	1.138E-05
mn	2.700	0.5973	0.4418	0.4011	0.08202	0.03729	0.03780
na	56.50	56.71	0.000	0.000	0.05183	0.9482	0.000
pb	4.830	1.858	0.000	0.1080	0.1978	0.01439	0.6799
v	0.9400	0.7437	0.2724	0.5918	0.000	0.1358	0.000
zn	11.39	0.4983	0.1712	0.7715	0.000	0.01788	0.03950
si	194.7	199.2	0.3145	0.6667	0.01845	0.0002833	8.719E-05
al	110.3	104.5	0.1234	0.8358	0.03984	0.0009093	7.200E-05
ca	47.82	21.47	0.4271	0.3205	0.2282	0.02366	0.0004584
ti	5.570	7.965	0.3152	0.6764	0.007688	0.0007457	0.000
zr	0.000	0.4412	0.000	0.9596	0.000	0.04038	0.000
ni	0.7800	0.4035	0.2048	0.6765	0.000	0.1178	0.0009564
as	0.6900	0.4557	0.000	0.9902	0.000	0.009775	0.000
se	0.2000	0.2050	0.000	0.9783	0.000	0.02173	0.000

tahoma woods
173.8 6.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9641.051	Degrees of freedom:	14
R-squared:	0.993	Rbar-squared:	0.992
Residual SS:	63.315	Std error of est:	2.127
F(4,14):	529.447	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.161841	0.085209	13.635155	0.000	0.260593	0.297621
Burn	4.961356	0.356430	13.919572	0.000	0.367513	0.475426
Lime	2.601574	0.058860	44.199233	0.000	0.841160	0.866437
Trans	0.137962	0.080786	1.707746	0.110	0.044820	0.309325

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	34.91	34.92	0.000	0.8241	0.03457	0.1414
br	1.310	0.4319	0.000	0.3446	0.1446	0.5108
cu	0.3800	0.5593	0.000	0.9758	0.02326	0.0009867
fe	10.25	8.652	0.8702	0.1147	0.01233	0.002822
k	33.64	34.09	0.04226	0.8586	0.09912	2.023E-05
mn	0.000	0.1900	0.6053	0.1044	0.2054	0.08494
na	95.34	95.39	0.000	0.01248	0.9875	0.000
pb	0.8300	1.099	0.000	0.1355	0.04262	0.8219
v	0.000	0.2652	0.3329	0.000	0.6671	0.000
zn	1.490	0.06686	0.5561	0.000	0.2335	0.2105
si	27.47	28.90	0.9447	0.05150	0.003420	0.0004296
al	7.110	7.482	0.7516	0.2255	0.02225	0.0007191
ca	14.30	6.878	0.5811	0.2885	0.1294	0.001023
ti	1.280	1.130	0.9688	0.02196	0.009212	0.000
zr	0.4800	0.03122	0.000	0.000	1.000	0.000
ni	0.1900	0.1195	0.3013	0.000	0.6964	0.002308
as	0.1600	0.007805	0.000	0.000	1.000	0.000
se	0.1400	0.007805	0.000	0.000	1.000	0.000

tahoma woods
174.3 6.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	63878.891	Degrees of freedom:	14
R-squared:	0.994	Rbar-squared:	0.992
Residual SS:	397.686	Std error of est:	5.330
F(4,14):	558.693	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.932215	0.213551	4.365293	0.000	0.087183	0.101278
Burn	3.401195	0.893286	3.807509	0.002	0.105052	0.194451
Lime	7.247865	0.147515	49.132915	0.000	0.977134	0.984610
Trans	0.205550	0.202465	1.015233	0.327	0.027844	0.112882

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	30.42	30.44	0.000	0.6480	0.1105	0.2416
br	1.500	0.6047	0.000	0.1687	0.2877	0.5436
cu	0.000	0.4112	0.000	0.9099	0.08813	0.002000
fe	8.650	7.055	0.8563	0.09643	0.04212	0.005157
k	29.83	30.64	0.03773	0.6550	0.3073	3.354E-05
mn	0.9900	0.2387	0.3867	0.05700	0.4555	0.1008
na	263.1	263.3	0.000	0.003101	0.9969	0.000
pb	1.270	1.578	0.000	0.06467	0.08268	0.8526
v	0.000	0.5637	0.1257	0.000	0.8743	0.000
zn	4.770	0.09428	0.3164	0.000	0.4612	0.2224
si	21.44	23.22	0.9434	0.04394	0.01186	0.0007967
al	0.000	6.140	0.7348	0.1883	0.07555	0.001306
ca	25.21	7.057	0.4544	0.1928	0.3513	0.001486
ti	0.5200	0.9241	0.9502	0.01840	0.03137	0.000
zr	0.000	0.08697	0.000	0.000	1.000	0.000
ni	0.1300	0.2612	0.1106	0.000	0.8878	0.001574
as	0.2200	0.02174	0.000	0.000	1.000	0.000
se	0.1100	0.02174	0.000	0.000	1.000	0.000

tahoma woods
174.8 6.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	16373.823	Degrees of freedom:	15
R-squared:	0.987	Rbar-squared:	0.985
Residual SS:	218.879	Std error of est:	3.820
F(3,15):	369.039	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.771417	0.152576	11.610078	0.000	0.287828	0.361732
Burn	13.488225	0.463694	29.088642	0.000	0.723808	0.795460
Kraft	3.190622	0.150766	21.162755	0.000	0.524553	0.592846

	Measured	Predicted	Soil	Burn	Kraft
b_{abs}	75.30	78.37	0.000	0.9983	0.001710
br	3.150	0.5833	0.000	0.6937	0.3063
cu	0.7800	1.487	0.000	0.9979	0.002146
fe	18.96	14.63	0.7845	0.1844	0.03118
k	90.93	88.19	0.02491	0.9024	0.07272
mn	2.200	0.2612	0.6713	0.2065	0.1221
na	83.93	84.12	0.000	0.03848	0.9615
pb	8.070	0.4557	0.000	0.8880	0.1120
v	2.040	0.1410	0.9547	0.000	0.04525
zn	8.120	0.1014	0.5593	0.000	0.4407
si	44.96	46.37	0.8977	0.08726	0.01507
al	11.18	14.67	0.5845	0.3126	0.1029
ca	17.20	11.69	0.5213	0.4615	0.01720
ti	0.7900	1.758	0.9489	0.03835	0.01270
zr	0.000	0.02872	0.000	0.000	1.000
ni	1.100	0.1347	0.4077	0.000	0.5923
as	0.000	0.009572	0.000	0.000	1.000
se	0.2400	0.009572	0.000	0.000	1.000

tahoma woods
175.3 6.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	31523.411	Degrees of freedom:	15
R-squared:	0.978	Rbar-squared:	0.975
Residual SS:	692.391	Std error of est:	6.794
F(3,15):	222.642	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.149122	0.271356	7.919930	0.000	0.269502	0.301730
Burn	7.589713	0.823317	9.218458	0.000	0.314328	0.394133
Lime	4.819298	0.187868	25.652524	0.000	0.871187	0.892536

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	39.55	46.26	0.000	0.9517	0.04834
br	2.060	0.3434	0.000	0.6631	0.3369
cu	1.670	0.8590	0.000	0.9719	0.02805
fe	19.61	15.64	0.8903	0.09704	0.01263
k	59.71	53.70	0.04962	0.8338	0.1166
mn	1.300	0.3154	0.6746	0.09625	0.2292
na	176.0	176.3	0.000	0.01033	0.9897
pb	1.510	0.3144	0.000	0.7241	0.2759
v	0.000	0.4910	0.3326	0.000	0.6674
zn	7.890	0.09769	0.7040	0.000	0.2960
si	51.54	52.96	0.9536	0.04299	0.003458
al	0.000	13.29	0.7826	0.1942	0.02321
ca	30.77	12.08	0.6122	0.2514	0.1365
ti	2.110	2.082	0.9725	0.01823	0.009260
zr	0.000	0.05783	0.000	0.000	1.000
ni	0.2300	0.2208	0.3017	0.000	0.6983
as	0.7200	0.01446	0.000	0.000	1.000
se	0.1600	0.01446	0.000	0.000	1.000

tahoma woods
175.8 6.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5709.580	Degrees of freedom:	14
R-squared:	0.980	Rbar-squared:	0.975
Residual SS:	115.292	Std error of est:	2.870
F(4,14):	169.829	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.581895	0.114983	13.757676	0.000	0.446655	0.495234
Burn	5.444204	0.480973	11.319149	0.000	0.507675	0.592230
Lime	1.628797	0.079427	20.506866	0.000	0.662961	0.697536
Trans	0.007797	0.109014	0.071526	0.944	0.003189	0.362563

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	32.27	32.61	0.000	0.9683	0.02317	0.008555
br	1.550	0.2149	0.000	0.7601	0.1819	0.05802
cu	0.8000	0.6070	0.000	0.9865	0.01342	5.138E-05
fe	10.39	11.41	0.8986	0.09545	0.005854	0.0001210
k	36.78	36.20	0.05419	0.8874	0.05845	1.077E-06
mn	0.7800	0.2037	0.7687	0.1069	0.1199	0.004478
na	60.25	60.29	0.000	0.02167	0.9783	0.000
pb	1.810	0.2437	0.000	0.6703	0.1203	0.2094
v	0.000	0.2310	0.5205	0.000	0.4795	0.000
zn	1.090	0.06119	0.8273	0.000	0.1597	0.01300
si	40.58	38.87	0.9564	0.04202	0.001592	1.805E-05
al	0.000	9.612	0.7965	0.1926	0.01085	3.164E-05
ca	11.74	8.177	0.6655	0.2663	0.06813	4.863E-05
ti	1.410	1.524	0.9779	0.01786	0.004275	0.000
zr	0.000	0.01955	0.000	0.000	1.000	0.000
ni	0.000	0.1012	0.4847	0.000	0.5152	0.0001541
as	0.1800	0.004886	0.000	0.000	1.000	0.000
se	0.1400	0.004886	0.000	0.000	1.000	0.000

tahoma woods
176.3 6.000 25.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	28860.042	Degrees of freedom:	13
R-squared:	0.979	Rbar-squared:	0.972
Residual SS:	610.639	Std error of est:	6.854
F(5,13):	120.281	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.349381	0.743857	1.814033	0.093	0.166996	0.891646
Coal fired	5.147631	0.626761	8.213068	0.000	0.756162	0.932763
Burn	5.486345	1.149066	4.774612	0.000	0.224239	0.375055
Lime	0.858007	0.189694	4.523108	0.000	0.153070	0.172320
Trans	0.468635	0.260390	1.799742	0.095	0.084006	0.244027

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	49.31	48.99	0.000	0.000	0.6496	0.008127	0.3423
br	1.650	0.9345	0.000	0.000	0.1761	0.02203	0.8018
cu	1.750	0.7692	0.000	0.2074	0.7845	0.005577	0.002437
fe	43.89	53.67	0.1629	0.8144	0.02045	0.0006555	0.001546
k	40.24	41.87	0.03996	0.1603	0.7731	0.02662	5.596E-05
mn	0.9200	0.4446	0.3005	0.4979	0.04936	0.02895	0.1233
na	32.25	32.39	0.000	0.000	0.04066	0.9593	0.000
pb	1.520	3.433	0.000	0.05399	0.04795	0.004499	0.8936
v	0.000	0.5676	0.1807	0.7165	0.000	0.1028	0.000
zn	5.870	0.4513	0.09568	0.7870	0.000	0.01141	0.1059
si	154.5	156.1	0.2031	0.7859	0.01054	0.0002088	0.0002701
al	95.17	89.18	0.07323	0.9050	0.02092	0.0006158	0.0002049
ca	33.83	13.51	0.3436	0.4705	0.1624	0.02172	0.001769
ti	11.32	6.280	0.2024	0.7927	0.004368	0.0005465	0.000
zr	0.000	0.4015	0.000	0.9744	0.000	0.02564	0.000
ni	0.1400	0.3225	0.1297	0.7822	0.000	0.08515	0.002907
as	0.000	0.4195	0.000	0.9939	0.000	0.006135	0.000
se	0.09000	0.1879	0.000	0.9863	0.000	0.01370	0.000

tahoma woods
176.8 6.000 25.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2891.058	Degrees of freedom:	14
R-squared:	0.983	Rbar-squared:	0.980
Residual SS:	47.999	Std error of est:	1.852
F(4,14):	207.312	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	1.374931	0.062511	21.994848	0.000	0.606459	0.648475
Burn	3.552957	0.310373	11.447387	0.000	0.436046	0.660899
Lime	0.807543	0.051249	15.757300	0.000	0.432591	0.465553
Trans	0.384745	0.070342	5.469668	0.000	0.207091	0.515044

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	35.04	34.75	0.000	0.5930	0.01078	0.3962
br	1.170	0.7412	0.000	0.1438	0.02615	0.8300
cu	0.000	0.4390	0.09709	0.8902	0.009197	0.003505
fe	11.78	12.49	0.9350	0.05691	0.002652	0.005454
k	23.13	23.81	0.07531	0.8805	0.04406	8.081E-05
mn	0.7100	0.1305	0.4532	0.1089	0.09285	0.3450
na	30.06	30.09	0.000	0.02834	0.9717	0.000
pb	0.9100	2.689	0.01841	0.03964	0.005406	0.9365
v	0.000	0.1635	0.6642	0.000	0.3358	0.000
zn	2.530	0.1390	0.6827	0.000	0.03487	0.2824
si	32.64	33.91	0.9666	0.03144	0.0009051	0.001021
al	24.71	22.83	0.9442	0.05291	0.002264	0.0006572
ca	9.060	3.415	0.4972	0.4162	0.08087	0.005746
ti	1.890	1.351	0.9845	0.01315	0.002392	0.000
zr	0.000	0.1142	0.9151	0.000	0.08487	0.000
ni	0.2200	0.09398	0.7169	0.000	0.2750	0.008188
as	0.2600	0.1138	0.9787	0.000	0.02129	0.000
se	0.05000	0.05192	0.9533	0.000	0.04666	0.000

tahoma woods
177.3 6.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	21042.026	Degrees of freedom:	15
R-squared:	0.954	Rbar-squared:	0.948
Residual SS:	967.770	Std error of est:	8.032
F(3,15):	103.714	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	5.732019	0.321834	17.810458	0.000	0.888753	0.912126
Burn	4.978356	1.342357	3.708666	0.002	0.254927	0.428688
Trans	0.609728	0.304844	2.000131	0.064	0.136934	0.315802

	Measured	Predicted	Soil	Burn	Trans
b_{abs}	51.26	50.69	0.000	0.5696	0.4304
br	1.760	1.124	0.000	0.1328	0.8672
cu	3.290	0.5501	0.000	0.9956	0.004434
fe	34.59	38.25	0.9711	0.02603	0.002822
k	37.35	36.48	0.1948	0.8051	8.356E-05
mn	1.020	0.6587	0.8615	0.03023	0.1083
na	0.000	1.195	0.000	1.000	0.000
pb	0.9700	4.140	0.000	0.03607	0.9639
v	0.000	0.4356	1.000	0.000	0.000
zn	4.180	0.2456	0.7468	0.000	0.2532
si	143.1	136.3	0.9886	0.01096	0.0004028
al	0.000	29.46	0.9417	0.05746	0.0008072
ca	22.55	21.74	0.9070	0.09160	0.001430
ti	7.100	5.424	0.9954	0.004589	0.000
zr	0.000	0.000	-NAN	-NAN	-NAN
ni	0.000	0.1789	0.9932	0.000	0.006816
as	0.000	0.000	-NAN	-NAN	-NAN
se	0.08000	0.000	-NAN	-NAN	-NAN

tahoma woods
177.8 6.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9099.398	Degrees of freedom:	13
R-squared:	0.997	Rbar-squared:	0.997
Residual SS:	24.015	Std error of est:	1.359
F(5,13):	982.565	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.767203	0.147515	11.979839	0.000	0.390415	0.712803
Coal fired	1.088115	0.124293	8.754407	0.000	0.285332	0.705969
Burn	8.626584	0.227872	37.857124	0.000	0.629413	0.749261
Lime	0.158102	0.037618	4.202789	0.001	0.050351	0.094593
Trans	0.253986	0.051638	4.918561	0.000	0.081274	0.517552

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	59.26	59.20	0.000	0.000	0.8452	0.001239	0.1535
br	2.170	0.6687	0.000	0.000	0.3870	0.005674	0.6073
cu	0.000	0.9845	0.000	0.03426	0.9639	0.0008030	0.001032
fe	19.19	22.47	0.5097	0.4112	0.07679	0.0002885	0.002001
k	54.65	54.71	0.04005	0.02593	0.9302	0.003754	2.321E-05
mn	1.370	0.2883	0.6068	0.1623	0.1197	0.008225	0.1031
na	7.790	7.795	0.000	0.000	0.2656	0.7344	0.000
pb	1.280	1.963	0.000	0.01995	0.1318	0.001450	0.8468
v	0.000	0.2310	0.5814	0.3721	0.000	0.04654	0.000
zn	2.740	0.1585	0.3568	0.4737	0.000	0.005985	0.1635
si	70.72	70.08	0.5926	0.3701	0.03693	8.572E-05	0.0003262
al	29.32	28.57	0.2994	0.5972	0.1027	0.0003542	0.0003467
ca	11.74	10.94	0.5557	0.1228	0.3154	0.004942	0.001184
ti	2.540	2.761	0.6030	0.3811	0.01562	0.0002291	0.000
zr	0.000	0.08459	0.000	0.9776	0.000	0.02243	0.000
ni	0.1300	0.1137	0.4820	0.4691	0.000	0.04451	0.004469
as	0.2300	0.08861	0.000	0.9946	0.000	0.005353	0.000
se	0.07000	0.03965	0.000	0.9880	0.000	0.01196	0.000

tahoma woods
178.3 6.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8862.245	Degrees of freedom:	14
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	73.869	Std error of est:	2.297
F(4,14):	416.401	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.219749	0.249309	8.903623	0.000	0.500175	0.874584
Coal fired	1.367613	0.210062	6.510509	0.000	0.365777	0.865548
Burn	5.050976	0.384003	13.153475	0.000	0.375881	0.529474
Trans	0.337528	0.087189	3.871205	0.002	0.110162	0.372208

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	41.56	41.37	0.000	0.000	0.7081	0.2919
br	1.390	0.6912	0.000	0.000	0.2192	0.7808
cu	0.6700	0.5994	0.000	0.07074	0.9270	0.002253
fe	30.07	27.07	0.5314	0.4290	0.03732	0.002207
k	33.70	34.34	0.08016	0.05194	0.8679	4.915E-05
mn	1.320	0.3383	0.6497	0.1739	0.05973	0.1167
na	0.000	1.212	0.000	0.000	1.000	0.000
pb	1.010	2.410	0.000	0.02043	0.06288	0.9167
v	0.000	0.2767	0.6096	0.3904	0.000	0.000
zn	3.530	0.1998	0.3555	0.4722	0.000	0.1723
si	84.36	86.31	0.6044	0.3777	0.01756	0.0003520
al	34.77	33.92	0.3168	0.6322	0.05063	0.0003881
ca	17.98	11.36	0.6720	0.1486	0.1778	0.001515
ti	3.510	3.439	0.6081	0.3846	0.007344	0.000
zr	0.000	0.1039	0.000	1.000	0.000	0.000
ni	0.1200	0.1365	0.5041	0.4909	0.000	0.004945
as	0.000	0.1108	0.000	1.000	0.000	0.000
se	0.000	0.04923	0.000	1.000	0.000	0.000

tahoma woods
178.8 6.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2566.902	Degrees of freedom:	14
R-squared:	0.946	Rbar-squared:	0.934
Residual SS:	138.741	Std error of est:	3.148
F(4,14):	61.255	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.234023	0.126135	9.783361	0.000	0.504463	0.570744
Burn	5.376008	0.527622	10.189123	0.000	0.725809	0.806178
Lime	0.426307	0.087130	4.892740	0.000	0.251220	0.300319
Trans	0.047006	0.119587	0.393070	0.700	0.027833	0.532218

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	32.81	33.06	0.000	0.9431	0.005983	0.05088
br	1.060	0.2467	0.000	0.6538	0.04148	0.3047
cu	0.000	0.5937	0.000	0.9961	0.003590	0.0003167
fe	13.39	9.097	0.8790	0.1182	0.001921	0.0009145
k	33.93	33.80	0.04527	0.9383	0.01638	6.953E-06
mn	0.5500	0.1556	0.7853	0.1382	0.04111	0.03535
na	16.67	16.73	0.000	0.07714	0.9229	0.000
pb	1.470	0.4766	0.000	0.3384	0.01610	0.6455
v	0.000	0.1228	0.7639	0.000	0.2361	0.000
zn	3.370	0.04684	0.8430	0.000	0.05461	0.1024
si	30.06	30.63	0.9467	0.05265	0.0005288	0.0001381
al	0.000	7.830	0.7628	0.2335	0.003485	0.0002341
ca	13.28	6.544	0.6487	0.3286	0.02228	0.0003664
ti	1.270	1.191	0.9760	0.02257	0.001432	0.000
zr	0.000	0.005116	0.000	0.000	1.000	0.000
ni	0.000	0.05199	0.7358	0.000	0.2624	0.001808
as	0.000	0.001279	0.000	0.000	1.000	0.000
se	0.000	0.001279	0.000	0.000	1.000	0.000

tahoma woods
179.3 6.000 28.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	443.849	Degrees of freedom:	13
R-squared:	0.951	Rbar-squared:	0.936
Residual SS:	21.592	Std error of est:	1.289
F(5,13):	50.847	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.580912	0.139875	4.153085	0.001	0.547932	0.727923
Coal fired	0.130731	0.117856	1.109238	0.287	0.146362	0.700269
Burn	1.511740	0.216071	6.996511	0.000	0.470923	0.683795
Lime	0.132314	0.035670	3.709374	0.003	0.179907	0.215736
Trans	0.148028	0.048964	3.023213	0.010	0.202238	0.531206

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	14.15	14.13	0.000	0.000	0.6207	0.004346	0.3750
br	0.000	0.2852	0.000	0.000	0.1590	0.01113	0.8299
cu	2.480	0.1716	0.000	0.02362	0.9691	0.003855	0.003451
fe	4.440	5.208	0.7227	0.2131	0.05805	0.001042	0.005031
k	9.770	9.983	0.07216	0.01708	0.8935	0.01722	7.414E-05
mn	0.5500	0.08848	0.6500	0.06353	0.06834	0.02243	0.1957
na	5.140	5.154	0.000	0.000	0.07040	0.9296	0.000
pb	0.8800	1.021	0.000	0.004608	0.04441	0.002332	0.9487
v	0.000	0.06347	0.6955	0.1627	0.000	0.1417	0.000
zn	3.230	0.04350	0.4273	0.2074	0.000	0.01825	0.3471
si	17.02	17.24	0.7919	0.1808	0.02631	0.0002917	0.0007728
al	5.970	5.390	0.5217	0.3803	0.09537	0.001571	0.001071
ca	5.000	2.817	0.7093	0.05731	0.2146	0.01606	0.002680
ti	0.6200	0.6817	0.8027	0.1854	0.01109	0.0007763	0.000
zr	0.000	0.01152	0.000	0.8622	0.000	0.1378	0.000
ni	0.000	0.02894	0.6222	0.2213	0.000	0.1463	0.01023
as	0.000	0.01099	0.000	0.9639	0.000	0.03613	0.000
se	0.000	0.005103	0.000	0.9222	0.000	0.07778	0.000

tahoma woods
179.8 6.000 28.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1046.011	Degrees of freedom:	13
R-squared:	0.984	Rbar-squared:	0.979
Residual SS:	16.665	Std error of est:	1.132
F(5,13):	160.595	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.823941	0.122885	6.704986	0.000	0.529149	0.598767
Coal fired	0.021028	0.103541	0.203093	0.842	0.016030	0.563491
Burn	2.799904	0.189825	14.749908	0.000	0.593857	0.816950
Lime	0.129452	0.031337	4.130913	0.001	0.119844	0.163421
Trans	0.260416	0.043016	6.053879	0.000	0.242243	0.654371

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	25.73	25.62	0.000	0.000	0.6339	0.002345	0.3637
br	0.7400	0.5035	0.000	0.000	0.1668	0.006170	0.8270
cu	0.4700	0.3103	0.000	0.002101	0.9925	0.002086	0.003357
fe	4.670	6.129	0.8711	0.02913	0.09136	0.0008660	0.007520
k	17.43	17.74	0.05760	0.001546	0.9313	0.009480	7.341E-05
mn	0.6800	0.1261	0.6469	0.007172	0.08883	0.01540	0.2417
na	5.340	5.359	0.000	0.000	0.1254	0.8746	0.000
pb	1.110	1.792	0.000	0.0004226	0.04689	0.001301	0.9514
v	0.000	0.07308	0.8568	0.02273	0.000	0.1204	0.000
zn	1.630	0.05516	0.4780	0.02631	0.000	0.01408	0.4816
si	20.48	20.73	0.9339	0.02418	0.04052	0.0002373	0.001130
al	6.190	5.288	0.7541	0.06235	0.1800	0.001567	0.001921
ca	7.120	4.038	0.7019	0.006432	0.2774	0.01096	0.003289
ti	1.550	0.8110	0.9570	0.02507	0.01726	0.0006385	0.000
zr	0.000	0.003152	0.000	0.5071	0.000	0.4929	0.000
ni	0.000	0.03124	0.8177	0.03299	0.000	0.1326	0.01667
as	0.4100	0.002092	0.000	0.8143	0.000	0.1857	0.000
se	0.000	0.001145	0.000	0.6609	0.000	0.3391	0.000

tahoma woods
180.3 6.000 29.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7964.504	Degrees of freedom:	14
R-squared:	0.965	Rbar-squared:	0.957
Residual SS:	281.432	Std error of est:	4.484
F(4,14):	95.550	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.771379	0.179647	15.426836	0.000	0.663057	0.705676
Burn	5.758704	0.751462	7.663334	0.000	0.455026	0.702529
Lime	0.526949	0.124095	4.246339	0.000	0.181740	0.217191
Trans	0.740618	0.170321	4.348377	0.000	0.256656	0.574557

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	60.69	60.15	0.000	0.5553	0.004065	0.4406
br	1.310	1.370	0.000	0.1261	0.009234	0.8646
cu	0.000	0.6391	0.000	0.9912	0.004123	0.004636
fe	22.08	19.26	0.9323	0.05979	0.001122	0.006805
k	38.24	38.10	0.09019	0.8917	0.01797	9.719E-05
mn	1.110	0.3920	0.7000	0.05877	0.02017	0.2211
na	20.47	20.46	0.000	0.06754	0.9325	0.000
pb	1.950	5.030	0.000	0.03435	0.001886	0.9638
v	0.000	0.2465	0.8546	0.000	0.1454	0.000
zn	4.510	0.1674	0.5298	0.000	0.01889	0.4513
si	69.26	66.94	0.9729	0.02581	0.0002991	0.0009957
al	0.000	15.43	0.8691	0.1269	0.002185	0.001871
ca	12.43	12.06	0.7908	0.1911	0.01495	0.003133
ti	2.970	2.642	0.9883	0.01090	0.0007979	0.000
zr	0.000	0.006323	0.000	0.000	1.000	0.000
ni	0.2100	0.1043	0.8241	0.000	0.1617	0.01421
as	0.000	0.001581	0.000	0.000	1.000	0.000
se	0.05000	0.001581	0.000	0.000	1.000	0.000

tahoma woods
180.8 6.000 29.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	3317.592	Degrees of freedom:	14
R-squared:	0.971	Rbar-squared:	0.965
Residual SS:	95.626	Std error of est:	2.614
F(4,14):	117.927	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.394936	0.104718	13.320937	0.000	0.506102	0.568378
Burn	5.624595	0.438034	12.840552	0.000	0.673955	0.752624
Lime	0.768381	0.072336	10.622379	0.000	0.401871	0.447451
Trans	0.021216	0.099281	0.213699	0.834	0.011150	0.481796

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	33.55	33.74	0.000	0.9669	0.01057	0.02250
br	0.9300	0.2211	0.000	0.7632	0.08340	0.1534
cu	0.4300	0.6226	0.000	0.9937	0.006170	0.0001363
fe	11.28	10.20	0.8862	0.1103	0.003089	0.0003682
k	36.26	35.91	0.04816	0.9240	0.02779	2.954E-06
mn	0.8400	0.1746	0.7909	0.1289	0.06601	0.01422
na	29.14	29.17	0.000	0.04627	0.9537	0.000
pb	1.110	0.3214	0.000	0.5250	0.04303	0.4320
v	0.000	0.1583	0.6699	0.000	0.3301	0.000
zn	1.510	0.05141	0.8682	0.000	0.08967	0.04209
si	35.43	34.50	0.9502	0.04891	0.0008463	5.535E-05
al	0.000	8.714	0.7748	0.2195	0.005643	9.496E-05
ca	11.01	7.312	0.6562	0.3077	0.03594	0.0001480
ti	1.400	1.345	0.9768	0.02091	0.002285	0.000
zr	0.000	0.009221	0.000	0.000	1.000	0.000
ni	0.1700	0.06787	0.6371	0.000	0.3623	0.0006252
as	0.2300	0.002305	0.000	0.000	1.000	0.000
se	0.1000	0.002305	0.000	0.000	1.000	0.000

tahoma woods
181.3 6.000 30.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2472.292	Degrees of freedom:	13
R-squared:	0.989	Rbar-squared:	0.986
Residual SS:	26.880	Std error of est:	1.438
F(5,13):	236.532	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.657078	0.156068	4.210188	0.001	0.278596	0.388779
Coal fired	0.102405	0.131501	0.778738	0.450	0.051536	0.373378
Burn	4.779195	0.241085	19.823663	0.000	0.669221	0.888296
Lime	0.459242	0.039800	11.538830	0.000	0.280689	0.328144
Trans	0.406129	0.054632	7.433837	0.000	0.249416	0.714574

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	42.78	42.46	0.000	0.000	0.6528	0.005018	0.3422
br	0.7200	0.8038	0.000	0.000	0.1784	0.01371	0.8079
cu	0.4100	0.5328	0.000	0.005958	0.9867	0.004310	0.003049
fe	7.240	6.174	0.6897	0.1408	0.1548	0.003050	0.01164
k	29.41	29.74	0.02739	0.004489	0.9480	0.02006	6.827E-05
mn	0.5200	0.1430	0.4550	0.03080	0.1337	0.04818	0.3323
na	17.78	17.78	0.000	0.000	0.06453	0.9355	0.000
pb	1.020	2.813	0.000	0.001310	0.05096	0.002938	0.9448
v	0.000	0.08926	0.5595	0.09064	0.000	0.3499	0.000
zn	4.360	0.07227	0.2909	0.09777	0.000	0.03813	0.5732
si	18.98	19.37	0.7972	0.1260	0.07402	0.0009009	0.001887
al	6.340	6.456	0.4926	0.2487	0.2517	0.004553	0.002453
ca	4.860	4.476	0.5050	0.02825	0.4271	0.03509	0.004627
ti	2.600	0.7437	0.8323	0.1331	0.03213	0.002470	0.000
zr	0.000	0.01329	0.000	0.5854	0.000	0.4146	0.000
ni	0.000	0.04090	0.4981	0.1227	0.000	0.3594	0.01986
as	0.000	0.009672	0.000	0.8576	0.000	0.1424	0.000
se	0.000	0.005064	0.000	0.7280	0.000	0.2720	0.000

tahoma woods
181.8 6.000 30.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	6404.253	Degrees of freedom:	14
R-squared:	0.996	Rbar-squared:	0.995
Residual SS:	27.833	Std error of est:	1.410
F(4,14):	801.834	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.580557	0.153024	3.793886	0.002	0.155794	0.304297
Coal fired	0.301736	0.128938	2.340170	0.035	0.096110	0.303946
Burn	5.791407	0.171183	33.831619	0.000	0.513270	0.602137
Kraft	2.789123	0.055655	50.114381	0.000	0.757311	0.806999

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	32.62	33.71	0.000	0.000	0.9965	0.003475
br	1.580	0.3299	0.000	0.000	0.5266	0.4734
cu	0.4800	0.6492	0.000	0.01441	0.9813	0.004296
fe	8.130	7.881	0.4773	0.3251	0.1470	0.05061
k	41.72	40.89	0.01761	0.009623	0.8357	0.1371
mn	0.6400	0.1215	0.4730	0.1068	0.1907	0.2295
na	72.01	72.09	0.000	0.000	0.01928	0.9807
pb	1.650	0.2292	0.000	0.04739	0.7579	0.1947
v	0.000	0.07354	0.6000	0.3241	0.000	0.07586
zn	2.900	0.07845	0.2368	0.2654	0.000	0.4978
si	22.40	23.18	0.5885	0.3102	0.07494	0.02635
al	11.45	10.83	0.2595	0.4369	0.1818	0.1218
ca	8.130	4.862	0.4108	0.07664	0.4765	0.03614
ti	2.370	0.8871	0.6165	0.3289	0.03264	0.02201
zr	0.000	0.04803	0.000	0.4774	0.000	0.5226
ni	0.000	0.1025	0.1756	0.1442	0.000	0.6802
as	0.4300	0.03281	0.000	0.7450	0.000	0.2550
se	0.08000	0.01923	0.000	0.5649	0.000	0.4351

tahoma woods
183.8 7.000 2.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	571.432	Degrees of freedom:	13
R-squared:	0.986	Rbar-squared:	0.982
Residual SS:	7.750	Std error of est:	0.772
F(5,13):	189.095	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.352389	0.083803	4.204956	0.001	0.304037	0.357856
Coal fired	0.007119	0.070611	0.100825	0.921	0.007291	0.337317
Burn	1.696332	0.129454	13.103731	0.000	0.483362	0.764125
Lime	0.426338	0.021371	19.949392	0.000	0.530256	0.566652
Trans	0.254796	0.029336	8.685533	0.000	0.318420	0.658846

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	19.15	19.15	0.000	0.000	0.5137	0.01033	0.4760
br	0.9000	0.4685	0.000	0.000	0.1086	0.02184	0.8695
cu	0.8100	0.1900	0.000	0.001162	0.9823	0.01122	0.005365
fe	2.730	2.746	0.8316	0.02202	0.1236	0.006366	0.01642
k	10.88	11.01	0.03969	0.0008432	0.9090	0.05030	0.0001157
mn	0.6800	0.07818	0.4462	0.003916	0.08679	0.08180	0.3813
na	15.83	15.84	0.000	0.000	0.02569	0.9743	0.000
pb	1.580	1.726	0.000	0.0001485	0.02948	0.004445	0.9659
v	1.550	0.05633	0.4754	0.009984	0.000	0.5146	0.000
zn	1.240	0.04031	0.2797	0.01218	0.000	0.06345	0.6447
si	8.700	8.999	0.9202	0.01886	0.05655	0.001800	0.002548
al	2.780	2.431	0.7015	0.04591	0.2372	0.01122	0.004087
ca	3.720	2.058	0.5889	0.004272	0.3296	0.07084	0.006313
ti	0.000	0.3490	0.9511	0.01972	0.02430	0.004886	0.000
zr	0.000	0.005657	0.000	0.09564	0.000	0.9044	0.000
ni	0.000	0.02543	0.4297	0.01372	0.000	0.5366	0.02004
as	0.000	0.001856	0.000	0.3108	0.000	0.6892	0.000
se	0.1200	0.001535	0.000	0.1669	0.000	0.8331	0.000

tahoma woods
184.3 7.000 3.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2987.933	Degrees of freedom:	13
R-squared:	0.946	Rbar-squared:	0.929
Residual SS:	162.115	Std error of est:	3.531
F(5,13):	45.320	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.054791	0.383274	2.752056	0.016	0.392655	0.529501
Coal fired	0.248030	0.322940	0.768037	0.456	0.109593	0.510016
Burn	2.879680	0.592059	4.863842	0.000	0.354034	0.749679
Lime	0.496587	0.097740	5.080679	0.000	0.266481	0.297563
Trans	0.899477	0.134167	6.704179	0.000	0.484995	0.733901

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	49.67	49.12	0.000	0.000	0.3400	0.004691	0.6553
br	1.170	1.537	0.000	0.000	0.05622	0.007756	0.9360
cu	0.4800	0.3305	0.000	0.02326	0.9583	0.007512	0.01089
fe	18.48	9.697	0.7049	0.2172	0.05940	0.002100	0.01642
k	18.31	19.27	0.06787	0.01678	0.8816	0.03347	0.0002334
mn	1.930	0.2393	0.4364	0.04457	0.04814	0.03113	0.4398
na	18.65	18.67	0.000	0.000	0.03701	0.9630	0.000
pb	2.700	5.991	0.000	0.001490	0.01442	0.001492	0.9826
v	0.000	0.1335	0.6004	0.1467	0.000	0.2529	0.000
zn	6.320	0.1456	0.2318	0.1175	0.000	0.02046	0.6302
si	28.69	31.66	0.7828	0.1867	0.02728	0.0005960	0.002557
al	9.460	10.04	0.5085	0.3873	0.09752	0.003165	0.003494
ca	10.01	5.302	0.6843	0.05777	0.2172	0.03203	0.008651
ti	1.690	1.250	0.7950	0.1919	0.01152	0.001589	0.000
zr	0.000	0.02481	0.000	0.7598	0.000	0.2402	0.000
ni	0.000	0.06254	0.5228	0.1943	0.000	0.2541	0.02876
as	0.3900	0.02158	0.000	0.9310	0.000	0.06903	0.000
se	0.2800	0.01042	0.000	0.8570	0.000	0.1430	0.000

tahoma woods
184.8 7.000 3.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8540.426	Degrees of freedom:	14
R-squared:	0.953	Rbar-squared:	0.943
Residual SS:	399.129	Std error of est:	5.339
F(4,14):	71.392	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.743246	0.213939	8.148350	0.000	0.395485	0.462472
Burn	9.775109	0.894905	10.923067	0.000	0.732401	0.883110
Lime	0.521659	0.147783	3.529905	0.003	0.170602	0.221190
Trans	0.461920	0.202832	2.277346	0.039	0.151789	0.659247

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	73.01	73.47	0.000	0.7717	0.003295	0.2250
br	1.760	1.044	0.000	0.2808	0.01199	0.7072
cu	0.8100	1.080	0.000	0.9959	0.002416	0.001711
fe	26.65	13.35	0.8459	0.1464	0.001602	0.006122
k	61.19	60.51	0.03572	0.9530	0.01120	3.817E-05
mn	3.550	0.2736	0.6309	0.1429	0.02860	0.1976
na	21.21	21.24	0.000	0.1105	0.8895	0.000
pb	5.160	3.326	0.000	0.08817	0.002823	0.9090
v	0.7200	0.1680	0.7888	0.000	0.2112	0.000
zn	8.050	0.1060	0.5261	0.000	0.02952	0.4444
si	42.52	43.96	0.9319	0.06671	0.0004509	0.0009457
al	0.000	11.81	0.7143	0.2814	0.002826	0.001525
ca	11.03	10.11	0.5932	0.3868	0.01765	0.002330
ti	1.930	1.693	0.9699	0.02887	0.001232	0.000
zr	0.000	0.006260	0.000	0.000	1.000	0.000
ni	0.4200	0.07166	0.7542	0.000	0.2330	0.01289
as	0.8200	0.001565	0.000	0.000	1.000	0.000
se	0.5500	0.001565	0.000	0.000	1.000	0.000

tahoma woods
185.3 7.000 fe

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	21798.907	Degrees of freedom:	14
R-squared:	0.923	Rbar-squared:	0.906
Residual SS:	1683.668	Std error of est:	10.966
F(4,14):	41.815	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.868417	1.190169	0.729658	0.478	0.121028	0.532456
Coal fired	2.208113	1.002830	2.201881	0.045	0.365271	0.550989
Burn	16.495251	1.331402	12.389380	0.000	0.759232	0.821234
Kraft	1.473199	0.432866	3.403361	0.004	0.207741	0.284212

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	68.33	95.73	0.000	0.000	0.9994	0.0006463
br	1.840	0.5774	0.000	0.000	0.8571	0.1429
cu	1.470	1.884	0.000	0.03633	0.9629	0.0007818
fe	29.43	27.89	0.2018	0.6723	0.1183	0.007555
k	130.8	104.2	0.01033	0.02762	0.9336	0.02841
mn	2.800	0.2616	0.3286	0.3629	0.2522	0.05631
na	39.21	41.30	0.000	0.000	0.09585	0.9042
pb	5.410	0.5979	0.000	0.1329	0.8276	0.03942
v	2.150	0.2434	0.2712	0.7167	0.000	0.01211
zn	11.41	0.2008	0.1384	0.7589	0.000	0.1027
si	75.23	78.31	0.2606	0.6721	0.06319	0.004120
al	46.09	45.13	0.09314	0.7672	0.1243	0.01544
ca	19.08	12.41	0.2408	0.2198	0.5319	0.007482
ti	4.210	3.046	0.2686	0.7010	0.02708	0.003385
zr	0.000	0.1811	0.000	0.9268	0.000	0.07322
ni	0.7500	0.1719	0.1566	0.6292	0.000	0.2142
as	0.9200	0.1833	0.000	0.9759	0.000	0.02411
se	0.4500	0.08391	0.000	0.9473	0.000	0.05267

tahoma woods
185.8 7.000 4.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	102843.566	Degrees of freedom:	15
R-squared:	0.640	Rbar-squared:	0.592
Residual SS:	36984.241	Std error of est:	49.655
F(3,15):	8.904	Probability of F:	0.001

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.214995	5.388748	0.225469	0.825	0.089502	0.167599
Coal fired	0.066060	4.540292	0.014550	0.989	0.005776	0.162407
Burn	33.381534	6.006149	5.557894	0.000	0.812124	0.820660

	Measured	Predicted	Soil	Coal fired	Burn
b_{abs}	57.32	193.6	0.000	0.000	1.000
br	1.650	1.001	0.000	0.000	1.000
cu	1.840	3.674	0.000	0.0005574	0.9994
fe	11.96	15.11	0.5210	0.03712	0.4418
k	333.5	198.5	0.007588	0.0004339	0.9920
mn	0.9500	0.2567	0.4687	0.01107	0.5203
na	0.000	8.012	0.000	0.000	1.000
pb	5.340	1.004	0.000	0.002369	0.9976
v	2.660	0.09756	0.9465	0.05349	0.000
zn	5.550	0.04344	0.8951	0.1049	0.000
si	34.15	40.14	0.7113	0.03923	0.2495
al	17.69	18.27	0.3219	0.05670	0.6214
ca	15.10	17.61	0.2373	0.004632	0.7581
ti	6.570	1.375	0.8322	0.04645	0.1214
zr	0.000	0.005021	0.000	1.000	0.000
ni	0.3400	0.04090	0.9209	0.07914	0.000
as	0.000	0.005351	0.000	1.000	0.000
se	0.3900	0.002378	0.000	1.000	0.000

tahoma woods
186.3 7.000 5.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	10519.167	Degrees of freedom:	14
R-squared:	0.805	Rbar-squared:	0.763
Residual SS:	2052.017	Std error of est:	12.107
F(4,14):	14.442	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.107570	1.313926	0.842947	0.413	0.238074	0.320183
Coal fired	0.024454	1.107107	0.022089	0.983	0.006239	0.305915
Burn	11.247374	1.469845	7.652080	0.000	0.798450	0.844589
Kraft	1.275202	0.477876	2.668478	0.018	0.277345	0.351440

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	33.23	65.29	0.000	0.000	0.9992	0.0008203
br	1.190	0.4088	0.000	0.000	0.8253	0.1747
cu	0.7100	1.239	0.000	0.0006117	0.9984	0.001029
fe	9.820	9.817	0.7311	0.02115	0.2292	0.01858
k	101.8	70.33	0.01953	0.0004534	0.9436	0.03645
mn	0.6800	0.1684	0.6510	0.006243	0.2671	0.07571
na	32.58	35.03	0.000	0.000	0.07707	0.9229
pb	1.600	0.3587	0.000	0.002454	0.9407	0.05688
v	0.6200	0.08866	0.9494	0.02179	0.000	0.02877
zn	2.640	0.05498	0.6446	0.03069	0.000	0.3247
si	27.99	30.26	0.8600	0.01926	0.1115	0.009228
al	10.66	10.17	0.5270	0.03770	0.3760	0.05930
ca	11.47	8.420	0.4525	0.003587	0.5343	0.009542
ti	2.550	1.132	0.9216	0.02089	0.04967	0.007885
zr	0.000	0.01334	0.000	0.1394	0.000	0.8606
ni	0.2400	0.06741	0.5093	0.01777	0.000	0.4729
as	0.3900	0.005806	0.000	0.3411	0.000	0.6589
se	0.2300	0.004706	0.000	0.1871	0.000	0.8129

tahoma woods
186.8 7.000 5.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	275.624	Degrees of freedom:	15
R-squared:	0.962	Rbar-squared:	0.957
Residual SS:	10.579	Std error of est:	0.840
F(3,15):	125.273	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.331523	0.033541	9.884022	0.000	0.425528	0.474622
Burn	1.211257	0.101767	11.902267	0.000	0.513462	0.594065
Lime	0.359423	0.023222	15.477936	0.000	0.665041	0.699846

	Measured	Predicted	Soil	Burn	Kraft
b_{abs}	6.490	7.192	0.000	0.9768	0.02319
br	0.000	0.04496	0.000	0.8082	0.1918
cu	0.3600	0.1350	0.000	0.9867	0.01331
fe	0.9700	2.405	0.8932	0.1007	0.006127
k	8.760	8.024	0.05123	0.8906	0.05818
mn	0.2500	0.04306	0.7623	0.1125	0.1252
na	13.28	13.31	0.000	0.02185	0.9782
pb	0.000	0.04281	0.000	0.8489	0.1511
v	0.000	0.04964	0.5076	0.000	0.4924
zn	0.7500	0.01277	0.8311	0.000	0.1689
si	8.720	8.168	0.9538	0.04449	0.001672
al	0.000	2.039	0.7868	0.2019	0.01128
ca	3.060	1.748	0.6525	0.2772	0.07033
ti	1.090	0.3198	0.9766	0.01894	0.004496
zr	0.000	0.004313	0.000	0.000	1.000
ni	0.1200	0.02178	0.4719	0.000	0.5281
as	0.2300	0.001078	0.000	0.000	1.000
se	0.000	0.001078	0.000	0.000	1.000

tahoma woods
187.3 7.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	933.874	Degrees of freedom:	13
R-squared:	0.984	Rbar-squared:	0.979
Residual SS:	14.907	Std error of est:	1.071
F(5,13):	160.283	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.035482	0.116222	0.305295	0.765	0.024645	0.270430
Coal fired	0.257297	0.097927	2.627436	0.021	0.212128	0.283482
Burn	2.167910	0.179533	12.075250	0.000	0.497309	0.679793
Lime	0.685226	0.029638	23.119594	0.000	0.686102	0.721029
Trans	0.169484	0.040684	4.165857	0.001	0.170514	0.522266

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Kraft
b_{abs}	19.03	18.96	0.000	0.000	0.6633	0.01677	0.3199
br	0.2800	0.3525	0.000	0.000	0.1845	0.04666	0.7688
cu	0.000	0.2506	0.000	0.03183	0.9518	0.01367	0.002706
fe	2.510	2.906	0.07911	0.7517	0.1492	0.009667	0.01032
k	13.76	14.06	0.003129	0.02386	0.9096	0.06330	6.027E-05
mn	0.7300	0.05336	0.06584	0.2074	0.1625	0.1926	0.3716
na	25.31	25.33	0.000	0.000	0.02054	0.9795	0.000
pb	0.7400	1.196	0.000	0.007745	0.05438	0.01031	0.9276
v	0.000	0.06962	0.03873	0.2920	0.000	0.6693	0.000
zn	1.270	0.04029	0.02818	0.4407	0.000	0.1021	0.4291
si	7.110	7.659	0.1089	0.8008	0.08492	0.003400	0.001992
al	5.770	4.993	0.03439	0.8079	0.1476	0.008782	0.001324
ca	4.910	1.550	0.07875	0.2050	0.5595	0.1512	0.005577
ti	0.7400	0.2958	0.1130	0.8411	0.03664	0.009266	0.000
zr	0.000	0.02778	0.000	0.7040	0.000	0.2960	0.000
ni	0.000	0.03597	0.03058	0.3505	0.000	0.6095	0.009423
as	0.000	0.02290	0.000	0.9102	0.000	0.08978	0.000
se	0.1000	0.01132	0.000	0.8184	0.000	0.1816	0.000

tahoma woods
187.8 7.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	716.021	Degrees of freedom:	13
R-squared:	0.991	Rbar-squared:	0.989
Residual SS:	6.191	Std error of est:	0.690
F(5,13):	298.084	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.208703	0.074902	2.786365	0.015	0.161992	0.423823
Coal fired	0.234353	0.063111	3.713359	0.003	0.215909	0.427981
Burn	2.558098	0.115704	22.109059	0.000	0.655749	0.877327
Lime	0.237674	0.019101	12.443024	0.000	0.265933	0.312630
Trans	0.220605	0.026220	8.413733	0.000	0.248017	0.703951

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	22.88	22.84	0.000	0.000	0.6496	0.004828	0.3456
br	0.5000	0.4352	0.000	0.000	0.1763	0.01311	0.8106
cu	0.5300	0.2907	0.000	0.02499	0.9679	0.004088	0.003035
fe	3.300	3.903	0.3465	0.5099	0.1311	0.002497	0.01001
k	15.83	15.97	0.01621	0.01914	0.9452	0.01934	6.908E-05
mn	0.4400	0.07035	0.2937	0.1432	0.1455	0.05068	0.3669
na	9.210	9.220	0.000	0.000	0.06659	0.9334	0.000
pb	1.270	1.533	0.000	0.005502	0.05005	0.002790	0.9417
v	0.3400	0.05054	0.3139	0.3663	0.000	0.3198	0.000
zn	1.710	0.04678	0.1428	0.3457	0.000	0.03049	0.4810
si	11.18	11.29	0.4345	0.4949	0.06799	0.0008002	0.001759
al	5.980	5.578	0.1811	0.6587	0.1559	0.002727	0.001542
ca	3.560	2.123	0.3381	0.1363	0.4819	0.03829	0.005299
ti	0.000	0.4370	0.4499	0.5186	0.02927	0.002176	0.000
zr	0.000	0.02066	0.000	0.8620	0.000	0.1380	0.000
ni	0.1700	0.02600	0.2488	0.4417	0.000	0.2925	0.01697
as	0.5100	0.01970	0.000	0.9638	0.000	0.03620	0.000
se	0.000	0.009150	0.000	0.9221	0.000	0.07793	0.000

tahoma woods
188.3 7.000 7.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4239.018	Degrees of freedom:	14
R-squared:	0.988	Rbar-squared:	0.985
Residual SS:	50.754	Std error of est:	1.904
F(4,14):	288.824	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.566162	0.076290	7.421190	0.000	0.188731	0.238214
Burn	4.623261	0.319121	14.487506	0.000	0.508988	0.667159
Lime	1.489139	0.052699	28.257482	0.000	0.715590	0.750769
Trans	0.287713	0.072329	3.977807	0.001	0.138920	0.498839

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	37.87	37.80	0.000	0.7094	0.01828	0.2723
br	1.360	0.6345	0.000	0.2186	0.05633	0.7251
cu	0.3900	0.5172	0.000	0.9834	0.01440	0.002225
fe	7.610	4.705	0.7797	0.1965	0.01298	0.01082
k	29.82	29.92	0.02347	0.9118	0.06466	4.809E-05
mn	1.010	0.1305	0.4294	0.1417	0.1711	0.2579
na	55.01	55.03	0.000	0.02016	0.9798	0.000
pb	1.330	2.049	0.000	0.06770	0.01308	0.9192
v	0.000	0.1443	0.2982	0.000	0.7018	0.000
zn	3.460	0.05640	0.3212	0.000	0.1584	0.5203
si	14.43	14.77	0.9005	0.09388	0.003830	0.001753
al	0.000	4.419	0.6201	0.3557	0.02157	0.002539
ca	7.250	4.321	0.4507	0.4280	0.1179	0.003396
ti	1.100	0.5624	0.9483	0.04110	0.01059	0.000
zr	0.000	0.01787	0.000	0.000	1.000	0.000
ni	0.2100	0.06578	0.2668	0.000	0.7244	0.008748
as	0.5800	0.004467	0.000	0.000	1.000	0.000
se	0.000	0.004467	0.000	0.000	1.000	0.000

tahoma woods
188.8 7.000 7.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7538.523	Degrees of freedom:	14
R-squared:	0.985	Rbar-squared:	0.982
Residual SS:	110.672	Std error of est:	2.812
F(4,14):	234.905	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.596589	0.094921	6.285079	0.000	0.177716	0.230843
Burn	6.718887	0.471290	14.256374	0.000	0.556892	0.902626
Lime	0.605099	0.077819	7.775682	0.000	0.218912	0.261064
Trans	1.262738	0.106811	11.822161	0.000	0.459021	0.845560

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	85.18	84.43	0.000	0.4615	0.003325	0.5351
br	1.920	2.235	0.000	0.09018	0.006497	0.9033
cu	1.810	0.7656	0.02416	0.9653	0.003952	0.006597
fe	8.900	6.658	0.7609	0.2018	0.003726	0.03357
k	40.09	41.21	0.01888	0.9619	0.01907	0.0001532
mn	1.780	0.2093	0.1225	0.1284	0.04336	0.7057
na	23.51	23.52	0.000	0.06855	0.9314	0.000
pb	4.310	8.499	0.002527	0.02372	0.001282	0.9725
v	0.9900	0.08828	0.5339	0.000	0.4661	0.000
zn	6.030	0.1736	0.2371	0.000	0.02091	0.7420
si	12.65	16.37	0.8685	0.1231	0.001404	0.006941
al	15.97	11.73	0.7977	0.1948	0.003303	0.004200
ca	7.530	3.696	0.1994	0.7272	0.05600	0.01743
ti	0.000	0.6129	0.9412	0.05481	0.003949	0.000
zr	0.000	0.05260	0.8620	0.000	0.1380	0.000
ni	0.4700	0.05112	0.5718	0.000	0.3788	0.04940
as	0.6700	0.05014	0.9638	0.000	0.03621	0.000
se	0.1000	0.02329	0.9221	0.000	0.07793	0.000

tahoma woods
189.3 7.000 8.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7487.600	Degrees of freedom:	13
R-squared:	0.975	Rbar-squared:	0.967
Residual SS:	188.627	Std error of est:	3.809
F(5,13):	100.608	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.927139	0.413427	4.661372	0.000	0.438597	0.656555
Coal fired	0.642025	0.348347	1.843064	0.088	0.173436	0.638453
Burn	8.183319	0.638638	12.813701	0.000	0.615090	0.756049
Lime	0.719586	0.105430	6.825261	0.000	0.236082	0.279459
Trans	0.312862	0.144722	2.161811	0.050	0.103135	0.531648

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	58.43	58.99	0.000	0.000	0.8046	0.005660	0.1898
br	1.770	0.7630	0.000	0.000	0.3217	0.02263	0.6556
cu	3.440	0.9249	0.000	0.02152	0.9732	0.003890	0.001353
fe	25.02	19.66	0.6352	0.2773	0.08324	0.001501	0.002817
k	52.55	52.44	0.04557	0.01596	0.9206	0.01782	2.983E-05
mn	2.640	0.2985	0.6391	0.09248	0.1096	0.03616	0.1226
na	27.97	28.02	0.000	0.000	0.07009	0.9299	0.000
pb	4.770	2.329	0.000	0.009923	0.1054	0.005561	0.8791
v	0.8300	0.2461	0.5951	0.2061	0.000	0.1988	0.000
zn	10.81	0.1422	0.4337	0.3115	0.000	0.03036	0.2244
si	60.93	63.10	0.7177	0.2425	0.03891	0.0004333	0.0004462
al	22.19	22.23	0.4195	0.4527	0.1251	0.002071	0.0005488
ca	15.53	10.96	0.6050	0.07236	0.2987	0.02246	0.001456
ti	2.520	2.480	0.7320	0.2503	0.01650	0.001161	0.000
zr	0.000	0.05743	0.000	0.8496	0.000	0.1504	0.000
ni	0.7400	0.1149	0.5202	0.2739	0.000	0.2005	0.005448
as	0.8000	0.05416	0.000	0.9601	0.000	0.03986	0.000
se	0.3100	0.02527	0.000	0.9146	0.000	0.08542	0.000

tahoma woods
189.8 7.000 8.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4503.305	Degrees of freedom:	13
R-squared:	0.959	Rbar-squared:	0.947
Residual SS:	182.648	Std error of est:	3.748
F(5,13):	61.505	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.565337	0.406822	1.389642	0.188	0.167105	0.498319
Coal fired	0.831425	0.342781	2.425524	0.031	0.291702	0.507451
Burn	6.651450	0.628435	10.584150	0.000	0.649312	0.856060
Lime	0.391510	0.103745	3.773752	0.002	0.166821	0.213145
Trans	0.525633	0.142410	3.690987	0.003	0.225043	0.675627

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	57.12	57.57	0.000	0.000	0.6701	0.003156	0.3267
br	2.030	1.049	0.000	0.000	0.1901	0.008954	0.8009
cu	0.6400	0.7615	0.000	0.03385	0.9608	0.002571	0.002761
fe	14.19	12.16	0.3012	0.5804	0.1094	0.001320	0.007650
k	41.50	41.54	0.01688	0.02610	0.9447	0.01224	6.327E-05
mn	2.890	0.1857	0.3014	0.1925	0.1433	0.03162	0.3312
na	15.71	15.77	0.000	0.000	0.1012	0.8988	0.000
pb	5.580	3.677	0.000	0.008141	0.05427	0.001917	0.9357
v	1.290	0.1353	0.3176	0.4856	0.000	0.1968	0.000
zn	10.86	0.1314	0.1377	0.4365	0.000	0.01787	0.4080
si	33.37	35.16	0.3778	0.5636	0.05675	0.0004231	0.001345
al	19.02	18.08	0.1513	0.7210	0.1251	0.001386	0.001134
ca	12.20	5.793	0.3357	0.1773	0.4593	0.02311	0.004628
ti	3.180	1.371	0.3883	0.5863	0.02425	0.001142	0.000
zr	0.000	0.06789	0.000	0.9308	0.000	0.06921	0.000
ni	0.6900	0.07184	0.2439	0.5671	0.000	0.1744	0.01463
as	1.130	0.06852	0.000	0.9829	0.000	0.01714	0.000
se	0.2600	0.03111	0.000	0.9622	0.000	0.03776	0.000

tahoma woods
190.3 7.000 9.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	21212.486	Degrees of freedom:	14
R-squared:	0.976	Rbar-squared:	0.971
Residual SS:	512.623	Std error of est:	6.051
F(4,14):	141.331	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.098637	0.656690	6.241355	0.000	0.554645	0.661483
Coal fired	0.340549	0.553295	0.615493	0.548	0.054700	0.626906
Burn	13.519626	0.733420	18.433665	0.000	0.604222	0.683942
Lime	2.014489	0.167324	12.039418	0.000	0.392977	0.434409

	Measured	Predicted	Soil	Coal fired	Burn	Lime
b_{abs}	75.61	79.35	0.000	0.000	0.9882	0.01178
br	2.320	0.4539	0.000	0.000	0.8935	0.1065
cu	2.360	1.508	0.000	0.007002	0.9863	0.006680
fe	38.71	32.24	0.8239	0.08970	0.08388	0.002562
k	90.55	87.91	0.05781	0.005052	0.9074	0.02977
mn	3.240	0.5047	0.8040	0.02901	0.1071	0.05987
na	76.00	76.19	0.000	0.000	0.04259	0.9574
pb	6.140	0.4541	0.000	0.02700	0.8932	0.07985
v	2.590	0.4754	0.6553	0.05659	0.000	0.2882
zn	14.51	0.1667	0.7866	0.1409	0.000	0.07249
si	104.3	108.6	0.8872	0.07477	0.03736	0.0007051
al	31.42	29.90	0.6634	0.1786	0.1537	0.004312
ca	33.75	20.62	0.6839	0.02040	0.2623	0.03342
ti	4.750	4.266	0.9051	0.07720	0.01585	0.001889
zr	0.000	0.05006	0.000	0.5171	0.000	0.4829
ni	1.390	0.2082	0.6102	0.08015	0.000	0.3096
as	1.120	0.03363	0.000	0.8203	0.000	0.1797
se	0.4000	0.01830	0.000	0.6698	0.000	0.3302

tahoma woods
190.8 7.000 9.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	11381.583	Degrees of freedom:	14
R-squared:	0.945	Rbar-squared:	0.933
Residual SS:	631.308	Std error of est:	6.715
F(4,14):	59.600	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	2.659586	0.226707	11.731357	0.000	0.577450	0.614214
Burn	6.226023	1.125614	5.531223	0.000	0.376126	0.713967
Lime	1.073318	0.185862	5.774825	0.000	0.283022	0.314355
Trans	1.468507	0.255104	5.756499	0.000	0.389085	0.653802

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	89.60	89.16	0.000	0.4050	0.005586	0.5894
br	2.350	2.561	0.000	0.07294	0.01006	0.9170
cu	3.050	0.7786	0.1059	0.8797	0.006893	0.007545
fe	35.81	24.13	0.9358	0.05160	0.001824	0.01077
k	39.97	41.60	0.08336	0.8829	0.03351	0.0001765
mn	5.620	0.3272	0.3495	0.07612	0.04921	0.5251
na	40.27	40.36	0.000	0.03702	0.9630	0.000
pb	6.910	9.913	0.009658	0.01884	0.001949	0.9696
v	1.130	0.2831	0.7422	0.000	0.2578	0.000
zn	13.50	0.3397	0.5402	0.000	0.01896	0.4409
si	56.85	65.44	0.9688	0.02854	0.0006233	0.002020
al	49.71	43.94	0.9490	0.04817	0.001563	0.001303
ca	19.20	6.217	0.5283	0.4006	0.05904	0.01205
ti	2.650	2.607	0.9864	0.01194	0.001647	0.000
zr	0.000	0.2150	0.9401	0.000	0.05990	0.000
ni	0.6200	0.1676	0.7776	0.000	0.2049	0.01752
as	0.000	0.2186	0.9853	0.000	0.01473	0.000
se	0.3000	0.09897	0.9675	0.000	0.03254	0.000

tahoma woods
191.3 7.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	36943.938	Degrees of freedom:	13
R-squared:	0.972	Rbar-squared:	0.964
Residual SS:	1017.788	Std error of est:	8.848
F(5,13):	91.776	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.045621	0.960341	3.171394	0.007	0.314458	0.775570
Coal fired	3.772969	0.809167	4.662780	0.000	0.462386	0.786001
Burn	9.393691	1.483479	6.332204	0.000	0.320316	0.569890
Lime	1.859844	0.244901	7.594278	0.000	0.276815	0.303631
Trans	1.574645	0.336172	4.684050	0.000	0.235489	0.462512

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	112.1	111.7	0.000	0.000	0.4878	0.007726	0.5045
br	2.590	2.844	0.000	0.000	0.09908	0.01569	0.8852
cu	1.750	1.166	0.000	0.1003	0.8863	0.007976	0.005402
fe	71.94	54.01	0.3654	0.5932	0.03479	0.001412	0.005161
k	64.73	66.54	0.05675	0.07394	0.8329	0.03631	0.0001183
mn	6.380	0.7135	0.4226	0.2274	0.05267	0.03910	0.2582
na	69.48	69.60	0.000	0.000	0.03239	0.9676	0.000
pb	7.540	10.76	0.000	0.01263	0.02620	0.003112	0.9581
v	2.220	0.6560	0.3528	0.4544	0.000	0.1928	0.000
zn	18.00	0.5296	0.1840	0.4916	0.000	0.02107	0.3033
si	157.2	164.5	0.4350	0.5466	0.01713	0.0004295	0.0008613
al	77.59	77.27	0.1908	0.7656	0.04133	0.001540	0.0007947
ca	36.43	19.61	0.5343	0.2376	0.1916	0.03244	0.004095
ti	4.520	6.572	0.4366	0.5552	0.007147	0.001132	0.000
zr	0.000	0.3091	0.000	0.9278	0.000	0.07221	0.000
ni	1.130	0.3420	0.2761	0.5406	0.000	0.1740	0.009210
as	0.000	0.3112	0.000	0.9821	0.000	0.01793	0.000
se	0.4500	0.1414	0.000	0.9605	0.000	0.03946	0.000

tahoma woods
191.8 7.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	30910.331	Degrees of freedom:	13
R-squared:	0.988	Rbar-squared:	0.985
Residual SS:	362.909	Std error of est:	5.284
F(5,13):	218.852	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.993716	0.573451	6.964355	0.000	0.464418	0.737900
Coal fired	1.884047	0.483180	3.899267	0.002	0.260051	0.723874
Burn	8.477462	0.885833	9.570043	0.000	0.325578	0.643264
Lime	1.268936	0.146238	8.677189	0.000	0.212715	0.241176
Trans	2.063287	0.200739	10.278461	0.000	0.347532	0.577102

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	125.1	123.6	0.000	0.000	0.3979	0.004764	0.5974
br	2.650	3.584	0.000	0.000	0.07096	0.008497	0.9205
cu	0.9500	1.006	0.000	0.05808	0.9274	0.006310	0.008208
fe	53.29	43.99	0.5883	0.3637	0.03854	0.001183	0.008302
k	57.21	59.08	0.08382	0.04158	0.8465	0.02790	0.0001746
mn	5.690	0.7707	0.5130	0.1051	0.04400	0.02470	0.3132
na	47.98	47.98	0.000	0.000	0.04240	0.9576	0.000
pb	5.320	13.85	0.000	0.004897	0.01836	0.001649	0.9751
v	0.9000	0.5386	0.5635	0.2763	0.000	0.1602	0.000
zn	12.31	0.4759	0.2686	0.2732	0.000	0.01600	0.4423
si	138.5	141.5	0.6631	0.3173	0.01797	0.0003407	0.001312
al	51.25	51.91	0.3723	0.5690	0.05552	0.001564	0.001550
ca	24.66	20.00	0.6871	0.1164	0.1696	0.02170	0.005263
ti	5.600	5.631	0.6681	0.3235	0.007527	0.0009013	0.000
zr	0.000	0.1584	0.000	0.9039	0.000	0.09612	0.000
ni	0.9700	0.2609	0.4746	0.3539	0.000	0.1557	0.01582
as	0.8100	0.1564	0.000	0.9757	0.000	0.02434	0.000
se	0.4800	0.07163	0.000	0.9469	0.000	0.05314	0.000

tahoma woods
192.3 7.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	85457.718	Degrees of freedom:	14
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	683.252	Std error of est:	6.986
F(4,14):	434.262	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.588173	0.758220	6.051245	0.000	0.331850	0.824602
Coal fired	5.789982	0.638861	9.062979	0.000	0.497066	0.836418
Burn	13.700919	1.167865	11.731592	0.000	0.327271	0.572035
Trans	2.361501	0.265169	8.905657	0.000	0.247396	0.475894

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	165.7	164.0	0.000	0.000	0.4846	0.5154
br	3.170	4.187	0.000	0.000	0.09817	0.9018
cu	0.7300	1.696	0.000	0.1058	0.8886	0.005569
fe	84.80	82.05	0.3623	0.5992	0.03340	0.005094
k	91.27	94.09	0.06047	0.08025	0.8592	0.0001255
mn	5.550	1.034	0.4392	0.2407	0.05299	0.2671
na	0.000	3.288	0.000	0.000	1.000	0.000
pb	6.270	16.08	0.000	0.01297	0.02557	0.9615
v	1.550	0.8061	0.4326	0.5674	0.000	0.000
zn	14.37	0.7872	0.1865	0.5075	0.000	0.3060
si	246.3	250.2	0.4310	0.5517	0.01643	0.0008496
al	121.0	117.7	0.1886	0.7710	0.03956	0.0007822
ca	46.43	28.53	0.5531	0.2506	0.1921	0.004221
ti	8.130	9.989	0.4327	0.5605	0.006858	0.000
zr	0.000	0.4400	0.000	1.000	0.000	0.000
ni	1.030	0.4307	0.3303	0.6588	0.000	0.01097
as	1.040	0.4690	0.000	1.000	0.000	0.000
se	0.2500	0.2084	0.000	1.000	0.000	0.000

tahoma woods
192.8 7.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	21999.051	Degrees of freedom:	13
R-squared:	0.997	Rbar-squared:	0.996
Residual SS:	66.221	Std error of est:	2.257
F(5,13):	861.144	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.483550	0.244959	10.138636	0.000	0.345020	0.782365
Coal fired	2.522536	0.206398	12.221693	0.000	0.415953	0.787671
Burn	12.077733	0.378398	31.918054	0.000	0.554133	0.657025
Lime	0.613949	0.062468	9.828217	0.000	0.122951	0.162157
Trans	0.191969	0.085749	2.238730	0.043	0.038628	0.424426

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	77.02	77.20	0.000	0.000	0.9073	0.003690	0.08897
br	1.980	0.6840	0.000	0.000	0.5297	0.02154	0.4488
cu	0.4100	1.411	0.000	0.05544	0.9418	0.002176	0.0005444
fe	41.94	39.99	0.4025	0.5356	0.06041	0.0006295	0.0008497
k	78.29	78.43	0.03927	0.04194	0.9086	0.01017	1.224E-05
mn	2.620	0.4343	0.5661	0.2497	0.1112	0.02120	0.05171
na	25.09	25.13	0.000	0.000	0.1153	0.8847	0.000
pb	2.240	1.721	0.000	0.05278	0.2106	0.006423	0.7302
v	0.7200	0.4298	0.4392	0.4637	0.000	0.09714	0.000
zn	5.900	0.2768	0.2871	0.6288	0.000	0.01331	0.07074
si	120.9	122.2	0.4778	0.4922	0.02966	0.0001910	0.0001414
al	56.29	55.72	0.2157	0.7098	0.07369	0.0007051	0.0001344
ca	21.11	16.71	0.5113	0.1864	0.2891	0.01257	0.0005859
ti	3.760	4.842	0.4832	0.5038	0.01247	0.0005072	0.000
zr	0.000	0.1991	0.000	0.9630	0.000	0.03701	0.000
ni	0.6700	0.2206	0.3490	0.5602	0.000	0.08905	0.001740
as	0.6600	0.2062	0.000	0.9911	0.000	0.008934	0.000
se	0.2000	0.09265	0.000	0.9801	0.000	0.01988	0.000

tahoma woods
193.3 7.000 12.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	83352.796	Degrees of freedom:	13
R-squared:	0.996	Rbar-squared:	0.995
Residual SS:	307.584	Std error of est:	4.864
F(5,13):	701.980	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	5.867227	0.527933	11.113583	0.000	0.438428	0.915216
Coal fired	5.485071	0.444827	12.330788	0.000	0.486500	0.918774
Burn	10.650685	0.815520	13.059996	0.000	0.262845	0.427649
Lime	0.319260	0.134630	2.371384	0.034	0.034390	0.056685
Trans	1.066668	0.184805	5.771852	0.000	0.115451	0.300457

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	101.1	100.1	0.000	0.000	0.6172	0.001480	0.3813
br	3.050	2.033	0.000	0.000	0.1572	0.003769	0.8390
cu	0.5700	1.347	0.000	0.1262	0.8695	0.001185	0.003166
fe	79.67	86.93	0.4374	0.5358	0.02451	0.0001506	0.002172
k	75.91	77.69	0.09365	0.09207	0.8089	0.005338	6.865E-05
mn	3.460	0.9889	0.5874	0.2385	0.04308	0.004843	0.1262
na	14.05	14.12	0.000	0.000	0.1811	0.8189	0.000
pb	1.730	7.504	0.000	0.02631	0.04258	0.0007658	0.9303
v	0.000	0.9009	0.4949	0.4810	0.000	0.02410	0.000
zn	5.270	0.6769	0.2774	0.5591	0.000	0.002830	0.1607
si	271.4	271.9	0.5070	0.4808	0.01175	4.461E-05	0.0003530
al	122.1	118.1	0.2405	0.7283	0.03067	0.0001730	0.0003523
ca	44.26	31.38	0.6432	0.2159	0.1358	0.003479	0.001734
ti	8.600	10.89	0.5077	0.4873	0.004892	0.0001173	0.000
zr	0.000	0.4207	0.000	0.9909	0.000	0.009107	0.000
ni	0.5500	0.4630	0.3928	0.5805	0.000	0.02207	0.004608
as	0.5100	0.4452	0.000	0.9978	0.000	0.002151	0.000
se	0.4400	0.1984	0.000	0.9952	0.000	0.004827	0.000

tahoma woods
193.8 7.000 12.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7346.178	Degrees of freedom:	14
R-squared:	0.972	Rbar-squared:	0.966
Residual SS:	208.279	Std error of est:	3.857
F(4,14):	119.948	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.312076	0.154545	14.960530	0.000	0.579035	0.603374
Burn	2.774018	0.646462	4.291076	0.000	0.229440	0.422186
Lime	1.911625	0.106755	17.906581	0.000	0.690132	0.709298
Trans	0.387984	0.146522	2.647955	0.019	0.140741	0.309632

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	31.08	30.86	0.000	0.5214	0.02874	0.4499
br	1.050	0.7495	0.000	0.1110	0.06121	0.8277
cu	0.000	0.3163	0.000	0.9649	0.03022	0.004907
fe	20.52	15.68	0.9553	0.03537	0.004997	0.004379
k	21.67	21.72	0.1320	0.7536	0.1143	8.932E-05
mn	0.9900	0.3141	0.7288	0.03533	0.09130	0.1445
na	69.85	69.89	0.000	0.009526	0.9905	0.000
pb	1.240	2.657	0.000	0.03132	0.01295	0.9557
v	0.000	0.3057	0.5748	0.000	0.4252	0.000
zn	0.5500	0.1250	0.5917	0.000	0.09174	0.3165
si	55.62	55.27	0.9830	0.01506	0.001314	0.0006317
al	0.000	12.27	0.9119	0.07686	0.009970	0.001233
ca	15.14	9.737	0.8169	0.1140	0.06715	0.002032
ti	3.610	2.199	0.9902	0.006306	0.003476	0.000
zr	0.000	0.02294	0.000	0.000	1.000	0.000
ni	0.1700	0.1336	0.5364	0.000	0.4578	0.005807
as	0.000	0.005735	0.000	0.000	1.000	0.000
se	0.1600	0.005735	0.000	0.000	1.000	0.000

tahoma woods
194.3 7.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	51625.048	Degrees of freedom:	13
R-squared:	0.972	Rbar-squared:	0.964
Residual SS:	1435.303	Std error of est:	10.508
F(5,13):	90.917	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.617679	1.140431	2.295342	0.039	0.240565	0.529596
Coal fired	2.579710	0.960907	2.684660	0.019	0.281398	0.532186
Burn	8.626929	1.761670	4.897016	0.000	0.261835	0.399245
Lime	5.692168	0.290826	19.572414	0.000	0.754084	0.773867
Trans	0.461626	0.399213	1.156341	0.268	0.061448	0.253270

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	68.87	69.20	0.000	0.000	0.7231	0.03817	0.2387
br	2.710	1.134	0.000	0.000	0.2283	0.1205	0.6512
cu	1.810	1.059	0.000	0.07550	0.8959	0.02687	0.001743
fe	54.67	40.91	0.4147	0.5355	0.04218	0.005705	0.001997
k	62.74	64.91	0.05001	0.05183	0.7842	0.1139	3.556E-05
mn	2.580	0.5440	0.4764	0.2039	0.06344	0.1570	0.09929
na	207.9	208.2	0.000	0.000	0.009945	0.9901	0.000
pb	4.210	3.475	0.000	0.02672	0.07447	0.02948	0.8693
v	0.000	0.7898	0.2519	0.2580	0.000	0.4901	0.000
zn	7.130	0.3430	0.2442	0.5189	0.000	0.09957	0.1373
si	116.5	125.9	0.4888	0.4886	0.02056	0.001719	0.0003301
al	60.85	56.43	0.2245	0.7167	0.05198	0.006456	0.0003190
ca	50.45	17.61	0.5113	0.1809	0.1959	0.1105	0.001337
ti	4.800	5.026	0.4906	0.4963	0.008582	0.004530	0.000
zr	0.000	0.2644	0.000	0.7416	0.000	0.2584	0.000
ni	0.5500	0.3906	0.2077	0.3236	0.000	0.4663	0.002364
as	0.000	0.2260	0.000	0.9245	0.000	0.07555	0.000
se	0.4600	0.1099	0.000	0.8447	0.000	0.1553	0.000

tahoma woods
194.8 7.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	20702.564	Degrees of freedom:	13
R-squared:	0.958	Rbar-squared:	0.945
Residual SS:	865.085	Std error of est:	8.158
F(5,13):	59.621	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.379504	0.885373	3.817039	0.002	0.465254	0.709058
Coal fired	1.396270	0.746000	1.871675	0.084	0.228161	0.692651
Burn	7.046734	1.367672	5.152356	0.000	0.320392	0.610571
Lime	1.771892	0.225783	7.847773	0.000	0.351642	0.379024
Trans	1.497979	0.309929	4.833304	0.000	0.298707	0.526349

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	95.70	95.29	0.000	0.000	0.4289	0.008628	0.5625
br	3.200	2.649	0.000	0.000	0.07980	0.01605	0.9041
cu	1.190	0.8333	0.000	0.05194	0.9302	0.01063	0.007191
fe	58.09	35.50	0.6168	0.3339	0.03970	0.002046	0.007468
k	48.33	49.90	0.08399	0.03649	0.8332	0.04613	0.0001501
mn	5.100	0.6246	0.5356	0.09612	0.04513	0.04255	0.2806
na	65.76	65.85	0.000	0.000	0.02568	0.9743	0.000
pb	6.940	10.10	0.000	0.004978	0.02094	0.003159	0.9709
v	1.450	0.4876	0.5267	0.2262	0.000	0.2471	0.000
zn	9.750	0.3679	0.2939	0.2619	0.000	0.02890	0.4153
si	107.2	115.0	0.6905	0.2894	0.01838	0.0005854	0.001172
al	39.53	40.82	0.4007	0.5364	0.05870	0.002778	0.001431
ca	29.88	16.85	0.6899	0.1023	0.1673	0.03596	0.004534
ti	3.930	4.576	0.6957	0.2951	0.007700	0.001549	0.000
zr	0.000	0.1274	0.000	0.8331	0.000	0.1669	0.000
ni	0.5700	0.2329	0.4499	0.2938	0.000	0.2435	0.01286
as	0.000	0.1184	0.000	0.9551	0.000	0.04489	0.000
se	0.3600	0.05558	0.000	0.9044	0.000	0.09564	0.000

tahoma woods
195.3 7.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	22146.347	Degrees of freedom:	13
R-squared:	0.958	Rbar-squared:	0.946
Residual SS:	920.333	Std error of est:	8.414
F(5,13):	59.965	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.972615	0.913208	3.255136	0.006	0.393795	0.715778
Coal fired	1.983683	0.769453	2.578043	0.023	0.311917	0.710056
Burn	7.383503	1.410669	5.234042	0.000	0.323035	0.514177
Lime	2.567666	0.232881	11.025662	0.000	0.490339	0.515876
Trans	0.730248	0.319672	2.284364	0.040	0.140121	0.371415

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	69.86	70.15	0.000	0.000	0.6105	0.01698	0.3725
br	3.510	1.451	0.000	0.000	0.1527	0.04248	0.8048
cu	0.8500	0.8894	0.000	0.06914	0.9131	0.01443	0.003284
fe	50.61	37.82	0.5094	0.4454	0.03905	0.002784	0.003418
k	51.58	53.17	0.06932	0.04865	0.8192	0.06273	6.867E-05
mn	2.830	0.5331	0.5521	0.1600	0.05540	0.07225	0.1603
na	94.56	94.75	0.000	0.000	0.01870	0.9813	0.000
pb	5.530	5.119	0.000	0.01395	0.04327	0.009029	0.9337
v	1.330	0.5572	0.4054	0.2812	0.000	0.3133	0.000
zn	9.250	0.3219	0.2955	0.4252	0.000	0.04786	0.2314
si	111.9	119.5	0.5845	0.3956	0.01853	0.0008164	0.0005499
al	51.02	48.19	0.2985	0.6454	0.05209	0.003410	0.0005910
ca	40.99	16.54	0.6181	0.1481	0.1785	0.05308	0.002251
ti	4.790	4.766	0.5876	0.4025	0.007747	0.002155	0.000
zr	0.000	0.1816	0.000	0.8303	0.000	0.1697	0.000
ni	0.6000	0.2730	0.3376	0.3561	0.000	0.3010	0.005350
as	0.000	0.1684	0.000	0.9543	0.000	0.04575	0.000
se	0.3300	0.07912	0.000	0.9026	0.000	0.09736	0.000

tahoma woods
195.8 7.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	26861.033	Degrees of freedom:	13
R-squared:	0.989	Rbar-squared:	0.985
Residual SS:	307.292	Std error of est:	4.862
F(5,13):	224.671	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.256156	0.527683	6.170669	0.000	0.398140	0.744371
Coal fired	2.292620	0.444617	5.156398	0.000	0.332735	0.739971
Burn	9.493666	0.815133	11.646764	0.000	0.383373	0.617881
Lime	1.779634	0.134567	13.224929	0.000	0.313681	0.344149
Trans	1.221250	0.184718	6.611441	0.000	0.216291	0.486938

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	100.1	99.59	0.000	0.000	0.5529	0.008292	0.4388
br	4.000	2.280	0.000	0.000	0.1249	0.01873	0.8564
cu	1.250	1.129	0.000	0.06294	0.9249	0.007880	0.004326
fe	48.51	42.75	0.4935	0.4553	0.04441	0.001707	0.005056
k	63.89	65.36	0.06178	0.04574	0.8570	0.03537	9.343E-05
mn	4.330	0.6285	0.5129	0.1569	0.06042	0.04247	0.2273
na	66.64	66.72	0.000	0.000	0.03415	0.9658	0.000
pb	4.530	8.392	0.000	0.009834	0.03394	0.003817	0.9524
v	1.150	0.5496	0.4503	0.3295	0.000	0.2202	0.000
zn	8.770	0.3976	0.2620	0.3978	0.000	0.02685	0.3133
si	130.6	134.2	0.5702	0.4072	0.02122	0.0005039	0.0008191
al	56.64	55.10	0.2860	0.6524	0.05859	0.002067	0.0008645
ca	30.75	18.50	0.6054	0.1530	0.2053	0.03290	0.003367
ti	3.450	5.339	0.5745	0.4153	0.008891	0.001333	0.000
zr	0.000	0.1956	0.000	0.8908	0.000	0.1092	0.000
ni	0.5800	0.2727	0.3702	0.4120	0.000	0.2089	0.008958
as	1.010	0.1910	0.000	0.9721	0.000	0.02795	0.000
se	0.3600	0.08787	0.000	0.9392	0.000	0.06076	0.000

tahoma woods
196.3 7.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	17042.281	Degrees of freedom:	13
R-squared:	0.966	Rbar-squared:	0.955
Residual SS:	585.983	Std error of est:	6.714
F(5,13):	73.016	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.109614	0.728685	2.895099	0.013	0.315307	0.763230
Coal fired	2.513767	0.613977	4.094235	0.001	0.445955	0.772368
Burn	6.934473	1.125629	6.160532	0.000	0.342295	0.517680
Lime	1.877446	0.185825	10.103308	0.000	0.404506	0.431166
Trans	0.544145	0.255079	2.133241	0.053	0.117801	0.361500

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	60.03	60.56	0.000	0.000	0.6641	0.01438	0.3215
br	3.070	1.123	0.000	0.000	0.1852	0.04012	0.7747
cu	3.690	0.8523	0.000	0.09143	0.8950	0.01101	0.002554
fe	44.70	36.57	0.3738	0.5836	0.03792	0.002105	0.002633
k	48.43	49.25	0.05312	0.06656	0.8307	0.04952	5.524E-05
mn	3.700	0.4365	0.4785	0.2476	0.06354	0.06452	0.1459
na	69.51	69.65	0.000	0.000	0.02390	0.9761	0.000
pb	5.750	3.894	0.000	0.02324	0.05343	0.008679	0.9147
v	0.7900	0.4866	0.3295	0.4081	0.000	0.2624	0.000
zn	13.77	0.3077	0.2194	0.5637	0.000	0.03661	0.1804
si	106.6	111.7	0.4438	0.5365	0.01862	0.0006387	0.0004384
al	54.15	52.12	0.1959	0.7562	0.04523	0.002305	0.0004071
ca	30.58	13.81	0.5257	0.2249	0.2009	0.04651	0.002010
ti	4.300	4.460	0.4455	0.5450	0.007774	0.001684	0.000
zr	0.000	0.2136	0.000	0.8945	0.000	0.1055	0.000
ni	0.4900	0.2497	0.2619	0.4932	0.000	0.2406	0.004358
as	0.000	0.2092	0.000	0.9731	0.000	0.02692	0.000
se	0.3700	0.09613	0.000	0.9414	0.000	0.05859	0.000

tahoma woods
196.8 7.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	23016.796	Degrees of freedom:	13
R-squared:	0.987	Rbar-squared:	0.983
Residual SS:	297.316	Std error of est:	4.782
F(5,13):	198.680	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.641939	0.519046	3.163376	0.007	0.232203	0.413718
Coal fired	0.991034	0.437340	2.266052	0.041	0.166354	0.408839
Burn	5.373335	0.801792	6.701654	0.000	0.250963	0.410868
Lime	4.038022	0.132364	30.506905	0.000	0.823200	0.842323
Trans	0.507386	0.181694	2.792522	0.015	0.103932	0.288639

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	51.19	51.19	0.000	0.000	0.6088	0.03660	0.3546
br	2.240	1.069	0.000	0.000	0.1507	0.09062	0.7586
cu	0.8900	0.6440	0.000	0.04770	0.9178	0.03135	0.003151
fe	25.64	20.38	0.5219	0.4128	0.05272	0.008122	0.004406
k	39.18	40.28	0.05055	0.03208	0.7871	0.1302	6.298E-05
mn	1.540	0.3466	0.4690	0.1230	0.06201	0.1748	0.1713
na	147.4	147.5	0.000	0.000	0.008743	0.9913	0.000
pb	3.000	3.590	0.000	0.009937	0.04490	0.02024	0.9249
v	0.000	0.4777	0.2612	0.1639	0.000	0.5749	0.000
zn	5.410	0.1969	0.2668	0.3473	0.000	0.1230	0.2628
si	60.03	64.02	0.6027	0.3690	0.02518	0.002397	0.0007133
al	27.73	25.59	0.3105	0.6072	0.07139	0.01010	0.0007733
ca	25.16	10.43	0.5416	0.1174	0.2061	0.1324	0.002481
ti	2.320	2.548	0.6070	0.3761	0.01054	0.006339	0.000
zr	0.000	0.1238	0.000	0.6085	0.000	0.3915	0.000
ni	0.4500	0.2297	0.2216	0.2114	0.000	0.5626	0.004418
as	0.4400	0.09239	0.000	0.8689	0.000	0.1311	0.000
se	0.3900	0.04779	0.000	0.7465	0.000	0.2535	0.000

tahoma woods
197.3 7.000 16.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	160301.619	Degrees of freedom:	14
R-squared:	0.990	Rbar-squared:	0.988
Residual SS:	1565.715	Std error of est:	10.575
F(4,14):	354.838	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	5.384306	0.423730	12.706938	0.000	0.309509	0.324620
Burn	6.295970	1.772461	3.552106	0.003	0.119526	0.219879
Lime	11.153191	0.292701	38.104420	0.000	0.924207	0.933546
Trans	0.237115	0.401733	0.590231	0.564	0.019743	0.114946

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	50.33	50.18	0.000	0.7278	0.1031	0.1691
br	1.580	0.8357	0.000	0.2260	0.3203	0.4537
cu	0.9000	0.7493	0.000	0.9243	0.07443	0.001266
fe	41.01	36.65	0.9520	0.03436	0.01248	0.001145
k	57.84	58.31	0.1145	0.6370	0.2485	2.033E-05
mn	0.9300	0.7533	0.7076	0.03343	0.2221	0.03683
na	405.2	405.4	0.000	0.003728	0.9963	0.000
pb	0.7200	1.942	0.000	0.09728	0.1034	0.7993
v	0.000	1.168	0.3505	0.000	0.6495	0.000
zn	1.470	0.2634	0.6541	0.000	0.2541	0.09182
si	129.8	128.9	0.9819	0.01466	0.003289	0.0001656
al	0.000	28.92	0.9010	0.07401	0.02468	0.0003197
ca	51.39	24.87	0.7448	0.1013	0.1534	0.0004863
ti	4.490	5.148	0.9852	0.006115	0.008666	0.000
zr	0.000	0.1338	0.000	0.000	1.000	0.000
ni	0.3400	0.5243	0.3184	0.000	0.6807	0.0009045
as	0.000	0.03346	0.000	0.000	1.000	0.000
se	0.3400	0.03346	0.000	0.000	1.000	0.000

tahoma woods
197.8 7.000 16.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	56740.542	Degrees of freedom:	13
R-squared:	0.997	Rbar-squared:	0.996
Residual SS:	178.515	Std error of est:	3.706
F(5,13):	823.806	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.353539	0.402192	5.851773	0.000	0.226838	0.257992
Coal fired	0.121732	0.338880	0.359218	0.725	0.013926	0.242706
Burn	4.806990	0.621283	7.737198	0.000	0.153012	0.250661
Lime	6.764465	0.102565	65.953110	0.000	0.939843	0.951036
Trans	0.166849	0.140789	1.185101	0.257	0.023293	0.141455

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	37.06	36.99	0.000	0.000	0.7537	0.08485	0.1614
br	1.700	0.5733	0.000	0.000	0.2515	0.2832	0.4653
cu	0.4500	0.5670	0.000	0.006655	0.9325	0.05965	0.001177
fe	20.88	17.55	0.8689	0.05889	0.05477	0.01580	0.001682
k	39.27	40.23	0.07255	0.003946	0.7050	0.2184	2.074E-05
mn	0.7500	0.3785	0.6157	0.01383	0.05081	0.2681	0.05158
na	246.0	246.1	0.000	0.000	0.004688	0.9953	0.000
pb	0.5400	1.362	0.000	0.003217	0.1059	0.08937	0.8016
v	0.000	0.6485	0.2758	0.01483	0.000	0.7093	0.000
zn	1.640	0.1413	0.5329	0.05944	0.000	0.2872	0.1204
si	56.85	59.92	0.9230	0.04842	0.02407	0.004290	0.0002506
al	17.33	15.37	0.7410	0.1242	0.1063	0.02816	0.0004233
ca	24.66	12.49	0.6481	0.01204	0.1539	0.1852	0.0006812
ti	2.920	2.386	0.9292	0.04934	0.01007	0.01134	0.000
zr	0.000	0.09043	0.000	0.1023	0.000	0.8977	0.000
ni	0.2200	0.2957	0.2467	0.02017	0.000	0.7320	0.001128
as	0.3200	0.03015	0.000	0.3270	0.000	0.6730	0.000
se	0.1500	0.02468	0.000	0.1776	0.000	0.8224	0.000

tahoma woods
198.3 7.000 17.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	67837.639	Degrees of freedom:	14
R-squared:	0.974	Rbar-squared:	0.969
Residual SS:	1753.163	Std error of est:	11.190
F(4,14):	131.930	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	6.598498	0.448377	14.716396	0.000	0.551559	0.575799
Burn	8.310697	1.875563	4.431042	0.000	0.229425	0.361894
Lime	6.184113	0.309727	19.966357	0.000	0.745162	0.763063
Trans	0.425870	0.425101	1.001810	0.333	0.051562	0.221033

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	66.51	66.31	0.000	0.7269	0.04327	0.2298
br	2.220	1.079	0.000	0.2311	0.1376	0.6313
cu	1.070	0.9468	0.000	0.9655	0.03266	0.001799
fe	50.59	44.75	0.9555	0.03714	0.005666	0.001684
k	65.33	65.25	0.1254	0.7515	0.1231	3.263E-05
mn	1.500	0.8291	0.7879	0.04010	0.1119	0.06010
na	225.8	225.9	0.000	0.008829	0.9912	0.000
pb	1.540	3.148	0.000	0.07920	0.03536	0.8854
v	0.000	0.9220	0.5439	0.000	0.4561	0.000
zn	4.800	0.2917	0.7239	0.000	0.1272	0.1489
si	160.3	157.8	0.9825	0.01580	0.001489	0.0002428
al	0.000	35.17	0.9079	0.08033	0.01125	0.0004722
ca	49.27	28.16	0.8061	0.1181	0.07511	0.0007713
ti	8.400	6.282	0.9894	0.006615	0.003938	0.000
zr	0.000	0.07421	0.000	0.000	1.000	0.000
ni	0.3700	0.4033	0.5072	0.000	0.4907	0.002112
as	0.000	0.01855	0.000	0.000	1.000	0.000
se	0.2600	0.01855	0.000	0.000	1.000	0.000

tahoma woods
198.8 7.000 17.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	23542.377	Degrees of freedom:	15
R-squared:	0.975	Rbar-squared:	0.971
Residual SS:	594.097	Std error of est:	6.293
F(3,15):	193.136	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.901926	0.251358	15.523380	0.000	0.540958	0.583214
Burn	9.569765	0.762641	12.548195	0.000	0.438170	0.527801
Lime	3.225284	0.174023	18.533668	0.000	0.644583	0.675118

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	56.93	57.00	0.000	0.9737	0.02625
br	2.030	0.3645	0.000	0.7876	0.2124
cu	0.000	1.069	0.000	0.9849	0.01509
fe	33.12	27.33	0.9251	0.07003	0.004838
k	66.11	65.49	0.07388	0.8621	0.06397
mn	1.680	0.4729	0.8168	0.08094	0.1023
na	119.0	119.1	0.000	0.01929	0.9807
pb	1.070	0.3451	0.000	0.8318	0.1682
v	0.000	0.5159	0.5749	0.000	0.4251
zn	2.530	0.1442	0.8658	0.000	0.1342
si	96.64	94.69	0.9684	0.03032	0.001294
al	0.000	22.35	0.8452	0.1456	0.009238
ca	24.95	18.35	0.7313	0.2086	0.06010
ti	4.970	3.736	0.9837	0.01281	0.003453
zr	0.000	0.03870	0.000	0.000	1.000
ni	0.3200	0.2242	0.5396	0.000	0.4604
as	0.3700	0.009676	0.000	0.000	1.000
se	0.1800	0.009676	0.000	0.000	1.000

tahoma woods
199.3 7.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	68997.650	Degrees of freedom:	13
R-squared:	0.983	Rbar-squared:	0.978
Residual SS:	1150.456	Std error of est:	9.407
F(5,13):	153.333	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.045657	1.021015	2.982970	0.011	0.237161	0.686330
Coal fired	4.916867	0.860290	5.715362	0.000	0.454450	0.701285
Burn	10.106627	1.577204	6.407939	0.000	0.259911	0.394762
Lime	5.498812	0.260373	21.118951	0.000	0.617245	0.637422
Trans	0.426953	0.357411	1.194574	0.254	0.048155	0.237628

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	75.76	76.45	0.000	0.000	0.7668	0.03338	0.1998
br	2.980	1.118	0.000	0.000	0.2712	0.1181	0.6107
cu	0.9600	1.293	0.000	0.1179	0.8596	0.02126	0.001320
fe	79.33	63.81	0.3093	0.6543	0.03168	0.003533	0.001184
k	75.62	76.96	0.04907	0.08331	0.7748	0.09281	2.774E-05
mn	3.790	0.6858	0.4397	0.3083	0.05895	0.1203	0.07284
na	201.3	201.5	0.000	0.000	0.01204	0.9880	0.000
pb	5.940	3.374	0.000	0.05247	0.08987	0.02934	0.8283
v	0.7500	0.9938	0.2329	0.3908	0.000	0.3762	0.000
zn	11.75	0.5133	0.1899	0.6610	0.000	0.06428	0.08485
si	183.5	192.1	0.3727	0.6103	0.01579	0.001088	0.0002001
al	98.31	95.64	0.1541	0.8061	0.03593	0.003680	0.0001741
ca	48.55	22.49	0.4658	0.2699	0.1797	0.08360	0.0009680
ti	6.540	7.696	0.3728	0.6178	0.006566	0.002858	0.000
zr	0.000	0.4397	0.000	0.8499	0.000	0.1501	0.000
ni	0.8400	0.5122	0.1843	0.4704	0.000	0.3436	0.001667
as	0.000	0.4148	0.000	0.9602	0.000	0.03977	0.000
se	0.3000	0.1935	0.000	0.9147	0.000	0.08525	0.000

tahoma woods
199.8 7.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	18704.416	Degrees of freedom:	13
R-squared:	0.956	Rbar-squared:	0.943
Residual SS:	821.377	Std error of est:	7.949
F(5,13):	56.607	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.428670	0.862717	2.815141	0.015	0.352291	0.690965
Coal fired	1.943858	0.726911	2.674137	0.019	0.334682	0.689744
Burn	5.608746	1.332674	4.208640	0.001	0.268692	0.562507
Lime	2.092183	0.220005	9.509704	0.000	0.437481	0.461438
Trans	1.412318	0.301998	4.676584	0.000	0.296735	0.489912

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	84.89	84.04	0.000	0.000	0.3871	0.01155	0.6013
br	2.360	2.477	0.000	0.000	0.06794	0.02027	0.9118
cu	1.330	0.6933	0.000	0.08691	0.8899	0.01509	0.008148
fe	55.83	33.70	0.4670	0.4898	0.03329	0.002545	0.007418
k	39.52	41.36	0.07281	0.06128	0.8000	0.06571	0.0001707
mn	4.900	0.5431	0.4427	0.1539	0.04131	0.05779	0.3043
na	77.04	77.10	0.000	0.000	0.01746	0.9825	0.000
pb	4.100	9.520	0.000	0.007351	0.01768	0.003956	0.9710
v	0.8500	0.4804	0.3842	0.3197	0.000	0.2961	0.000
zn	10.52	0.3685	0.2109	0.3640	0.000	0.03407	0.3910
si	98.04	105.3	0.5420	0.4400	0.01598	0.0007550	0.001207
al	42.68	44.33	0.2652	0.6875	0.04302	0.003021	0.001243
ca	24.69	13.79	0.6060	0.1741	0.1627	0.05190	0.005225
ti	3.290	4.204	0.5442	0.4471	0.006671	0.001991	0.000
zr	0.000	0.1728	0.000	0.8547	0.000	0.1453	0.000
ni	0.6700	0.2403	0.3133	0.3964	0.000	0.2786	0.01175
as	0.6100	0.1637	0.000	0.9617	0.000	0.03833	0.000
se	0.2700	0.07626	0.000	0.9177	0.000	0.08231	0.000

tahoma woods
200.3 7.000 19.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	41895.504	Degrees of freedom:	13
R-squared:	0.979	Rbar-squared:	0.973
Residual SS:	874.744	Std error of est:	8.203
F(5,13):	121.926	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.541564	0.890303	2.854719	0.014	0.255501	0.868983
Coal fired	5.354814	0.750154	7.138288	0.000	0.638955	0.895722
Burn	5.792310	1.375287	4.211710	0.001	0.192309	0.406637
Lime	1.624071	0.227040	7.153244	0.000	0.235355	0.253630
Trans	1.185204	0.311654	3.802945	0.002	0.172578	0.311545

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	77.39	76.76	0.000	0.000	0.4377	0.009817	0.5525
br	2.570	2.108	0.000	0.000	0.08244	0.01849	0.8991
cu	1.310	0.8160	0.000	0.2034	0.7808	0.009951	0.005810
fe	82.06	63.37	0.2599	0.7175	0.01828	0.001051	0.003310
k	44.22	46.42	0.06789	0.1504	0.7361	0.04544	0.0001276
mn	4.180	0.6681	0.3766	0.3447	0.03468	0.03646	0.2076
na	60.07	60.20	0.000	0.000	0.02309	0.9769	0.000
pb	3.890	8.153	0.000	0.02364	0.02131	0.003586	0.9515
v	0.000	0.7266	0.2658	0.5822	0.000	0.1520	0.000
zn	6.700	0.5814	0.1399	0.6355	0.000	0.01676	0.2079
si	181.2	189.3	0.3156	0.6744	0.009181	0.0003261	0.0005636
al	99.18	98.38	0.1250	0.8534	0.02002	0.001057	0.0004698
ca	37.91	18.29	0.4780	0.3616	0.1267	0.03037	0.003305
ti	7.370	7.608	0.3147	0.6806	0.003807	0.0008539	0.000
zr	0.000	0.4265	0.000	0.9543	0.000	0.04570	0.000
ni	0.5900	0.3955	0.1992	0.6634	0.000	0.1314	0.005993
as	0.5100	0.4386	0.000	0.9889	0.000	0.01111	0.000
se	0.3200	0.1976	0.000	0.9753	0.000	0.02465	0.000

tahoma woods
200.8 7.000 19.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	23337.045	Degrees of freedom:	13
R-squared:	0.956	Rbar-squared:	0.943
Residual SS:	1025.229	Std error of est:	8.881
F(5,13):	56.583	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.283119	0.963846	2.368760	0.034	0.299895	0.746538
Coal fired	2.913010	0.812120	3.586921	0.003	0.454169	0.757405
Burn	5.534953	1.488892	3.717498	0.003	0.240111	0.580317
Lime	1.241633	0.245794	5.051513	0.000	0.235104	0.258459
Trans	1.966387	0.337398	5.828087	0.000	0.374121	0.545359

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	104.0	103.0	0.000	0.000	0.3116	0.005591	0.6829
br	2.600	3.340	0.000	0.000	0.04971	0.008922	0.9414
cu	1.860	0.7132	0.000	0.1266	0.8537	0.008704	0.01103
fe	65.57	41.03	0.3605	0.6028	0.02698	0.001241	0.008482
k	38.61	40.91	0.06920	0.09285	0.7983	0.03943	0.0002403
mn	5.350	0.6221	0.3633	0.2013	0.03559	0.02994	0.3698
na	46.20	46.29	0.000	0.000	0.02870	0.9713	0.000
pb	7.010	13.16	0.000	0.007967	0.01261	0.001698	0.9777
v	0.9700	0.4881	0.3555	0.4715	0.000	0.1730	0.000
zn	8.210	0.4821	0.1516	0.4169	0.000	0.01545	0.4161
si	116.4	125.0	0.4293	0.5556	0.01329	0.0003775	0.001416
al	57.52	58.76	0.1881	0.7773	0.03203	0.001352	0.001305
ca	29.00	14.19	0.5535	0.2535	0.1560	0.02992	0.007067
ti	4.660	5.000	0.4301	0.5634	0.005535	0.0009933	0.000
zr	0.000	0.2363	0.000	0.9369	0.000	0.06306	0.000
ni	0.7600	0.2572	0.2752	0.5550	0.000	0.1545	0.01529
as	0.000	0.2397	0.000	0.9845	0.000	0.01554	0.000
se	0.3300	0.1086	0.000	0.9657	0.000	0.03430	0.000

tahoma woods
201.3 7.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	65758.569	Degrees of freedom:	13
R-squared:	0.990	Rbar-squared:	0.987
Residual SS:	649.345	Std error of est:	7.068
F(5,13):	260.699	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	5.258788	0.767070	6.855683	0.000	0.430081	0.893388
Coal fired	4.871345	0.646320	7.537048	0.000	0.472877	0.896532
Burn	9.163042	1.184925	7.733017	0.000	0.247492	0.452459
Lime	0.929149	0.195614	4.749916	0.000	0.109541	0.131451
Trans	1.432920	0.268516	5.336441	0.000	0.169742	0.345055

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	105.5	104.8	0.000	0.000	0.5069	0.004112	0.4890
br	3.090	2.588	0.000	0.000	0.1062	0.008615	0.8852
cu	1.470	1.169	0.000	0.1291	0.8620	0.003973	0.004902
fe	90.63	77.56	0.4393	0.5333	0.02363	0.0004911	0.003270
k	66.00	68.15	0.09569	0.09321	0.7933	0.01771	0.0001051
mn	4.140	0.9483	0.5490	0.2209	0.03865	0.01470	0.1768
na	35.72	35.84	0.000	0.000	0.06135	0.9386	0.000
pb	5.430	9.845	0.000	0.01781	0.02792	0.001699	0.9526
v	1.020	0.8477	0.4715	0.4540	0.000	0.07453	0.000
zn	6.230	0.6561	0.2565	0.5123	0.000	0.008497	0.2228
si	236.0	242.6	0.5094	0.4786	0.01133	0.0001455	0.0005316
al	106.8	105.1	0.2423	0.7270	0.02965	0.0005660	0.0005319
ca	47.22	28.16	0.6424	0.2136	0.1301	0.01128	0.002595
ti	8.300	9.714	0.5100	0.4849	0.004716	0.0003826	0.000
zr	0.000	0.3814	0.000	0.9708	0.000	0.02924	0.000
ni	1.190	0.4343	0.3754	0.5496	0.000	0.06846	0.006599
as	0.000	0.3974	0.000	0.9930	0.000	0.007015	0.000
se	0.3000	0.1782	0.000	0.9844	0.000	0.01565	0.000

tahoma woods
201.8 7.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	60570.303	Degrees of freedom:	14
R-squared:	0.975	Rbar-squared:	0.970
Residual SS:	1485.045	Std error of est:	10.299
F(4,14):	139.254	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.423711	1.117827	3.957422	0.001	0.378369	0.861406
Coal fired	4.846418	0.941858	5.145591	0.000	0.492022	0.869583
Burn	9.639830	1.721758	5.598830	0.000	0.272304	0.503577
Trans	1.795053	0.390932	4.591725	0.000	0.222386	0.413244

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	121.3	120.1	0.000	0.000	0.4654	0.5346
br	2.800	3.159	0.000	0.000	0.09153	0.9085
cu	1.900	1.218	0.000	0.1234	0.8707	0.005896
fe	82.05	72.06	0.3978	0.5710	0.02675	0.004409
k	65.23	68.69	0.07986	0.09200	0.8280	0.0001307
mn	5.610	0.8949	0.4894	0.2329	0.04309	0.2347
na	0.000	2.314	0.000	0.000	1.000	0.000
pb	5.540	12.21	0.000	0.01429	0.02368	0.9620
v	1.250	0.7191	0.4676	0.5324	0.000	0.000
zn	9.310	0.6591	0.2148	0.5074	0.000	0.2778
si	214.0	222.5	0.4672	0.5191	0.01300	0.0007260
al	106.0	100.7	0.2125	0.7542	0.03253	0.0006949
ca	58.62	25.15	0.6051	0.2380	0.1533	0.003640
ti	7.050	8.902	0.4681	0.5265	0.005415	0.000
zr	0.000	0.3683	0.000	1.000	0.000	0.000
ni	0.6900	0.3782	0.3626	0.6279	0.000	0.009493
as	0.000	0.3926	0.000	1.000	0.000	0.000
se	0.2800	0.1745	0.000	1.000	0.000	0.000

tahoma woods
202.3 7.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	103985.786	Degrees of freedom:	13
R-squared:	0.992	Rbar-squared:	0.989
Residual SS:	881.066	Std error of est:	8.233
F(5,13):	304.259	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.686896	0.893514	5.245466	0.000	0.308235	0.908258
Coal fired	7.905025	0.752859	10.500002	0.000	0.617070	0.929956
Burn	13.036323	1.380247	9.444918	0.000	0.283144	0.415039
Lime	0.676882	0.227859	2.970621	0.011	0.064171	0.087035
Trans	0.678517	0.312778	2.169323	0.049	0.064634	0.264012

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	99.83	100.2	0.000	0.000	0.7546	0.003134	0.2423
br	3.270	1.492	0.000	0.000	0.2621	0.01089	0.7270
cu	1.010	1.685	0.000	0.1454	0.8510	0.002008	0.001611
fe	104.9	100.2	0.3030	0.6696	0.02601	0.0002768	0.001198
k	92.39	93.92	0.06188	0.1098	0.8190	0.009362	3.612E-05
mn	5.630	0.9456	0.4907	0.3595	0.05514	0.01074	0.08395
na	27.44	27.64	0.000	0.000	0.1132	0.8868	0.000
pb	6.220	5.129	0.000	0.05549	0.07625	0.002376	0.8659
v	0.8700	1.027	0.3469	0.6082	0.000	0.04483	0.000
zn	9.650	0.7687	0.1951	0.7096	0.000	0.005283	0.09003
si	296.7	302.6	0.3640	0.6228	0.01293	8.501E-05	0.0002018
al	155.8	151.1	0.1501	0.8201	0.02933	0.0002866	0.0001751
ca	57.46	31.37	0.5140	0.3112	0.1662	0.007380	0.001103
ti	8.490	12.13	0.3641	0.6303	0.005375	0.0002233	0.000
zr	0.000	0.6089	0.000	0.9867	0.000	0.01334	0.000
ni	0.8300	0.5557	0.2615	0.6971	0.000	0.03898	0.002442
as	0.000	0.6423	0.000	0.9968	0.000	0.003161	0.000
se	0.2900	0.2866	0.000	0.9929	0.000	0.007085	0.000

tahoma woods
202.8 7.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	47535.734	Degrees of freedom:	13
R-squared:	0.996	Rbar-squared:	0.995
Residual SS:	184.219	Std error of est:	3.764
F(5,13):	668.302	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.493619	0.408568	8.550888	0.000	0.334638	0.818380
Coal fired	4.215914	0.344252	12.246578	0.000	0.479320	0.828778
Burn	13.017174	0.631132	20.625129	0.000	0.411787	0.601059
Lime	0.413363	0.104191	3.967368	0.002	0.057076	0.088983
Trans	1.177568	0.143021	8.233538	0.000	0.163376	0.450662

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	118.1	117.8	0.000	0.000	0.6408	0.001628	0.3576
br	3.210	2.283	0.000	0.000	0.1710	0.004345	0.8246
cu	0.8400	1.569	0.000	0.08328	0.9124	0.001317	0.003001
fe	59.09	61.26	0.3695	0.5843	0.04249	0.0002766	0.003402
k	86.32	87.17	0.04969	0.06306	0.8810	0.006160	6.754E-05
mn	4.560	0.7232	0.4782	0.2507	0.07200	0.008574	0.1905
na	18.03	18.09	0.000	0.000	0.1727	0.8273	0.000
pb	6.480	8.257	0.000	0.01838	0.04730	0.0009011	0.9334
v	0.000	0.6267	0.4237	0.5315	0.000	0.04485	0.000
zn	8.590	0.5253	0.2128	0.5538	0.000	0.004722	0.2287
si	185.4	186.6	0.4399	0.5385	0.02093	8.417E-05	0.0005679
al	89.85	87.51	0.1932	0.7554	0.05058	0.0003023	0.0005248
ca	31.92	22.63	0.5310	0.2300	0.2301	0.006246	0.002653
ti	6.670	7.435	0.4427	0.5484	0.008755	0.0002224	0.000
zr	0.000	0.3254	0.000	0.9848	0.000	0.01525	0.000
ni	0.5000	0.3305	0.3277	0.6251	0.000	0.04003	0.007127
as	0.000	0.3427	0.000	0.9964	0.000	0.003618	0.000
se	0.2400	0.1530	0.000	0.9919	0.000	0.008104	0.000

tahoma woods
203.3 7.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	31167.843	Degrees of freedom:	13
R-squared:	0.995	Rbar-squared:	0.993
Residual SS:	160.021	Std error of est:	3.508
F(5,13):	503.811	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.846120	0.380790	7.474251	0.000	0.333322	0.843503
Coal fired	3.724779	0.320847	11.609200	0.000	0.517781	0.856496
Burn	7.730675	0.588222	13.142444	0.000	0.299009	0.514861
Lime	1.187698	0.097107	12.230838	0.000	0.200513	0.225624
Trans	1.083591	0.133297	8.129138	0.000	0.183814	0.395521

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	85.00	84.16	0.000	0.000	0.5328	0.006548	0.4607
br	3.240	1.993	0.000	0.000	0.1164	0.01430	0.8693
cu	0.9000	0.9761	0.000	0.1183	0.8712	0.006084	0.004440
fe	51.69	51.86	0.3557	0.6099	0.02982	0.0009390	0.003699
k	54.04	55.55	0.06354	0.08744	0.8211	0.02778	9.754E-05
mn	2.740	0.6174	0.4563	0.2594	0.05008	0.02885	0.2053
na	44.81	44.86	0.000	0.000	0.04136	0.9586	0.000
pb	2.450	7.479	0.000	0.01793	0.03101	0.002858	0.9482
v	0.000	0.5913	0.3658	0.4976	0.000	0.1366	0.000
zn	4.550	0.4657	0.1956	0.5518	0.000	0.01530	0.2373
si	156.4	158.1	0.4230	0.5615	0.01467	0.0002854	0.0006167
al	77.07	74.92	0.1839	0.7795	0.03508	0.001015	0.0005640
ca	27.96	17.94	0.5456	0.2564	0.1723	0.02264	0.003080
ti	5.760	6.326	0.4238	0.5693	0.006110	0.0007510	0.000
zr	0.000	0.2973	0.000	0.9521	0.000	0.04793	0.000
ni	0.6100	0.3109	0.2838	0.5870	0.000	0.1222	0.006970
as	0.5300	0.3053	0.000	0.9883	0.000	0.01167	0.000
se	0.2800	0.1377	0.000	0.9741	0.000	0.02588	0.000

tahoma woods
203.8 7.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8500.105	Degrees of freedom:	13
R-squared:	0.995	Rbar-squared:	0.993
Residual SS:	44.441	Std error of est:	1.849
F(5,13):	494.695	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.539996	0.200673	7.674158	0.000	0.343462	0.617530
Coal fired	0.963638	0.169084	5.699183	0.000	0.255098	0.611425
Burn	5.064047	0.309988	16.336280	0.000	0.373004	0.637327
Lime	1.520759	0.051174	29.717141	0.000	0.488929	0.518727
Trans	0.806940	0.070246	11.487277	0.000	0.260677	0.525878

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	59.70	58.95	0.000	0.000	0.4982	0.01197	0.4898
br	2.130	1.479	0.000	0.000	0.1027	0.02468	0.8726
cu	0.000	0.5977	0.000	0.04998	0.9319	0.01272	0.005400
fe	17.94	19.38	0.5149	0.4222	0.05226	0.003217	0.007370
k	34.03	35.02	0.05452	0.03588	0.8531	0.05640	0.0001152
mn	0.4900	0.3314	0.4601	0.1250	0.06113	0.06884	0.2849
na	56.27	56.28	0.000	0.000	0.02159	0.9784	0.000
pb	1.220	5.495	0.000	0.006313	0.02765	0.004981	0.9611
v	0.000	0.2966	0.3946	0.2567	0.000	0.3487	0.000
zn	1.560	0.2072	0.2378	0.3209	0.000	0.04404	0.3972
si	60.40	60.81	0.5951	0.3777	0.02498	0.0009503	0.001194
al	25.58	24.41	0.3053	0.6189	0.07053	0.003987	0.001289
ca	13.34	9.075	0.5838	0.1311	0.2232	0.05731	0.004535
ti	2.240	2.414	0.6010	0.3860	0.01049	0.002520	0.000
zr	0.000	0.09149	0.000	0.8005	0.000	0.1995	0.000
ni	0.000	0.1452	0.3287	0.3251	0.000	0.3351	0.01111
as	0.000	0.08262	0.000	0.9448	0.000	0.05522	0.000
se	0.2000	0.03925	0.000	0.8838	0.000	0.1162	0.000

tahoma woods
204.3 7.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	11769.874	Degrees of freedom:	14
R-squared:	0.968	Rbar-squared:	0.961
Residual SS:	377.234	Std error of est:	5.191
F(4,14):	105.702	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.211933	0.207988	15.442883	0.000	0.632933	0.655222
Burn	3.183179	0.870014	3.658769	0.003	0.207161	0.452276
Lime	2.160175	0.143672	15.035434	0.000	0.613630	0.632596
Trans	0.760179	0.197191	3.855046	0.002	0.216975	0.369785

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	47.59	46.67	0.000	0.3956	0.02148	0.5829
br	1.500	1.363	0.000	0.07007	0.03804	0.8919
cu	0.000	0.3640	0.000	0.9620	0.02967	0.008354
fe	23.32	21.67	0.9603	0.02937	0.004087	0.006208
k	25.10	25.57	0.1557	0.7344	0.1097	0.0001486
mn	0.5900	0.4521	0.7034	0.02817	0.07168	0.1967
na	78.96	78.98	0.000	0.009672	0.9903	0.000
pb	0.000	5.110	0.000	0.01869	0.007610	0.9737
v	0.000	0.3910	0.6243	0.000	0.3757	0.000
zn	1.690	0.1933	0.5318	0.000	0.06706	0.4012
si	78.54	76.59	0.9856	0.01247	0.001072	0.0008933
al	0.000	16.80	0.9256	0.06444	0.008231	0.001765
ca	19.15	13.10	0.8434	0.09720	0.05640	0.002960
ti	7.760	3.050	0.9919	0.005218	0.002833	0.000
zr	0.000	0.02592	0.000	0.000	1.000	0.000
ni	0.3200	0.1702	0.5850	0.000	0.4061	0.008932
as	0.000	0.006481	0.000	0.000	1.000	0.000
se	0.2200	0.006481	0.000	0.000	1.000	0.000

tahoma woods
204.8 7.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	15830.127	Degrees of freedom:	14
R-squared:	0.986	Rbar-squared:	0.983
Residual SS:	221.969	Std error of est:	3.982
F(4,14):	246.109	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.927290	0.159543	12.080052	0.000	0.346121	0.363244
Burn	2.356773	0.667369	3.531437	0.003	0.139783	0.306780
Lime	3.419132	0.110208	31.024338	0.000	0.885162	0.897187
Trans	0.444035	0.151261	2.935557	0.011	0.115505	0.224289

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	31.55	31.14	0.000	0.4389	0.05094	0.5102
br	0.8900	0.8628	0.000	0.08195	0.09511	0.8229
cu	1.030	0.2781	0.000	0.9321	0.06147	0.006386
fe	10.88	13.18	0.9476	0.03577	0.01064	0.005964
k	20.27	20.74	0.1152	0.6705	0.2142	0.0001071
mn	0.6500	0.3035	0.6287	0.03106	0.1690	0.1712
na	124.3	124.4	0.000	0.004548	0.9955	0.000
pb	0.8400	3.038	0.000	0.02327	0.02026	0.9565
v	0.000	0.3790	0.3865	0.000	0.6135	0.000
zn	0.9100	0.1275	0.4838	0.000	0.1609	0.3553
si	47.48	46.17	0.9810	0.01531	0.002814	0.0008656
al	0.000	10.37	0.8999	0.07730	0.02111	0.001671
ca	18.80	8.765	0.7564	0.1076	0.1334	0.002584
ti	2.120	1.841	0.9862	0.006401	0.007429	0.000
zr	0.000	0.04103	0.000	0.000	1.000	0.000
ni	0.3600	0.1700	0.3514	0.000	0.6434	0.005223
as	0.000	0.01026	0.000	0.000	1.000	0.000
se	0.1900	0.01026	0.000	0.000	1.000	0.000

tahoma woods
205.3 7.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6330.177	Degrees of freedom:	14
R-squared:	0.962	Rbar-squared:	0.954
Residual SS:	239.461	Std error of est:	4.136
F(4,14):	89.023	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.736086	0.165710	16.511257	0.000	0.731153	0.763723
Burn	3.803243	0.693167	5.486766	0.000	0.335652	0.528790
Lime	1.067454	0.114468	9.325341	0.000	0.411201	0.437952
Trans	0.380872	0.157108	2.424269	0.029	0.147421	0.386415

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	36.39	36.18	0.000	0.6097	0.01369	0.3767
br	1.210	0.7487	0.000	0.1524	0.03422	0.8134
cu	0.5600	0.4252	0.000	0.9839	0.01255	0.003583
fe	18.01	18.60	0.9531	0.04089	0.002353	0.003624
k	27.48	27.22	0.1246	0.8243	0.05094	6.996E-05
mn	0.5700	0.3467	0.7814	0.04388	0.04619	0.1285
na	39.54	39.57	0.000	0.02307	0.9769	0.000
pb	1.390	2.626	0.000	0.04345	0.007317	0.9492
v	0.000	0.2805	0.7413	0.000	0.2587	0.000
zn	1.080	0.1328	0.6593	0.000	0.04823	0.2925
si	68.08	65.51	0.9814	0.01742	0.0006192	0.0005232
al	0.000	14.62	0.9059	0.08845	0.004673	0.001016
ca	15.29	11.32	0.8316	0.1344	0.03226	0.001716
ti	2.880	2.601	0.9910	0.007312	0.001642	0.000
zr	0.000	0.01281	0.000	0.000	1.000	0.000
ni	0.2800	0.1197	0.7084	0.000	0.2853	0.006362
as	0.000	0.003202	0.000	0.000	1.000	0.000
se	0.1900	0.003202	0.000	0.000	1.000	0.000

tahoma woods
205.8 7.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	785.381	Degrees of freedom:	13
R-squared:	0.986	Rbar-squared:	0.981
Residual SS:	11.203	Std error of est:	0.928
F(5,13):	179.668	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.520973	0.100755	5.170665	0.000	0.373204	0.558116
Coal fired	0.168603	0.084895	1.986018	0.069	0.143361	0.542277
Burn	2.301709	0.155641	14.788568	0.000	0.544550	0.715812
Lime	0.459443	0.025694	17.881278	0.000	0.474448	0.513327
Trans	0.132528	0.035270	3.757541	0.002	0.137512	0.520158

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	18.45	18.31	0.000	0.000	0.7293	0.01165	0.2591
br	1.030	0.2920	0.000	0.000	0.2365	0.03776	0.7258
cu	0.7400	0.2612	0.000	0.02001	0.9692	0.008793	0.002029
fe	4.020	5.310	0.6357	0.2696	0.08669	0.003547	0.004417
k	14.81	15.04	0.04294	0.01461	0.9027	0.03967	4.405E-05
mn	0.5500	0.09043	0.5703	0.08017	0.1018	0.07621	0.1715
na	17.18	17.19	0.000	0.000	0.03214	0.9679	0.000
pb	0.000	0.9508	0.000	0.006384	0.07263	0.008698	0.9123
v	0.7800	0.08416	0.4705	0.1583	0.000	0.3712	0.000
zn	0.9600	0.04458	0.3740	0.2610	0.000	0.06184	0.3032
si	16.94	16.98	0.7209	0.2367	0.04066	0.001028	0.0007024
al	6.520	5.982	0.4215	0.4419	0.1308	0.004915	0.0008640
ca	4.570	3.085	0.5809	0.06750	0.2984	0.05093	0.002191
ti	2.570	0.6671	0.7356	0.2444	0.01725	0.002755	0.000
zr	0.000	0.01833	0.000	0.6992	0.000	0.3008	0.000
ni	0.000	0.03938	0.4101	0.2098	0.000	0.3734	0.006731
as	0.3600	0.01504	0.000	0.9083	0.000	0.09167	0.000
se	0.1300	0.007448	0.000	0.8149	0.000	0.1851	0.000

tahoma woods
206.3 7.000 25.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1709.063	Degrees of freedom:	15
R-squared:	0.974	Rbar-squared:	0.970
Residual SS:	45.113	Std error of est:	1.734
F(3,15):	184.420	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.943681	0.069486	13.580890	0.000	0.501187	0.554043
Burn	3.286337	0.289823	11.339121	0.000	0.576425	0.835255
Trans	0.404395	0.065818	6.144177	0.000	0.311087	0.709522

	Measured	Predicted	Soil	Burn	Trans
b_{abs}	33.93	33.53	0.000	0.5685	0.4315
br	0.000	0.7452	0.000	0.1323	0.8677
cu	1.290	0.3631	0.000	0.9955	0.004455
fe	6.970	6.844	0.8935	0.09604	0.01046
k	20.44	20.56	0.05691	0.9430	9.834E-05
mn	0.6100	0.1539	0.6071	0.08542	0.3075
na	0.000	0.7887	0.000	1.000	0.000
pb	0.7300	2.745	0.000	0.03591	0.9641
v	0.5400	0.07172	1.000	0.000	0.000
zn	2.110	0.07145	0.4227	0.000	0.5773
si	24.27	23.20	0.9559	0.04250	0.001569
al	0.000	5.701	0.8012	0.1960	0.002767
ca	5.020	4.581	0.7086	0.2869	0.004502
ti	0.9900	0.9054	0.9819	0.01815	0.000
zr	0.000	0.000	-NAN	-NAN	-NAN
ni	0.5700	0.03006	0.9731	0.000	0.02690
as	0.3300	0.000	-NAN	-NAN	-NAN
se	0.000	0.000	-NAN	-NAN	-NAN

tahoma woods
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Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1660.689	Degrees of freedom:	14
R-squared:	0.955	Rbar-squared:	0.946
Residual SS:	74.101	Std error of est:	2.301
F(4,14):	74.939	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.467771	0.092182	15.922607	0.000	0.775913	0.818430
Burn	2.662743	0.385596	6.905532	0.000	0.464880	0.600914
Lime	0.152911	0.063676	2.401371	0.031	0.116525	0.150961
Trans	0.112243	0.087396	1.284298	0.220	0.085944	0.410241

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	19.42	19.53	0.000	0.7907	0.003633	0.2056
br	1.070	0.2630	0.000	0.3037	0.01395	0.6823
cu	0.6800	0.2941	0.000	0.9959	0.002600	0.001527
fe	10.68	10.07	0.9445	0.05289	0.0006226	0.001973
k	18.09	17.73	0.1027	0.8861	0.01120	3.165E-05
mn	0.5800	0.1714	0.8478	0.06215	0.01338	0.07662
na	6.160	6.176	0.000	0.1035	0.8965	0.000
pb	1.200	0.8173	0.000	0.09774	0.003368	0.8989
v	0.000	0.1219	0.9147	0.000	0.08526	0.000
zn	1.310	0.05933	0.7916	0.000	0.01546	0.1930
si	36.58	35.31	0.9769	0.02262	0.0001646	0.0002861
al	0.000	8.024	0.8854	0.1128	0.001220	0.0005456
ca	7.850	6.172	0.8180	0.1726	0.008473	0.0009274
ti	0.000	1.397	0.9900	0.009533	0.0004380	0.000
zr	0.000	0.001835	0.000	0.000	1.000	0.000
ni	0.000	0.05062	0.8989	0.000	0.09667	0.004435
as	0.3600	0.0004587	0.000	0.000	1.000	0.000
se	0.000	0.0004587	0.000	0.000	1.000	0.000

tahoma woods
207.3 7.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2443.473	Degrees of freedom:	14
R-squared:	0.966	Rbar-squared:	0.958
Residual SS:	84.280	Std error of est:	2.454
F(4,14):	97.973	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.585310	0.098309	16.125757	0.000	0.700104	0.734888
Burn	2.519069	0.411227	6.125734	0.000	0.367405	0.666871
Lime	0.186632	0.067909	2.748261	0.016	0.118812	0.149813
Trans	0.520952	0.093206	5.589277	0.000	0.333234	0.590219

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	33.62	33.34	0.000	0.4383	0.002598	0.5591
br	1.170	0.9131	0.000	0.08277	0.004906	0.9123
cu	0.000	0.2801	0.000	0.9892	0.003331	0.007439
fe	9.310	10.88	0.9445	0.04632	0.0007035	0.008478
k	17.26	17.07	0.1151	0.8705	0.01420	0.0001526
mn	0.4000	0.2308	0.6801	0.04366	0.01213	0.2641
na	7.370	7.363	0.000	0.08212	0.9179	0.000
pb	1.940	3.489	0.000	0.02166	0.0009630	0.9774
v	0.000	0.1332	0.9047	0.000	0.09530	0.000
zn	0.7200	0.1050	0.4832	0.000	0.01067	0.5061
si	40.31	38.06	0.9787	0.01985	0.0001863	0.001232
al	0.000	8.562	0.8962	0.1000	0.001395	0.002373
ca	6.270	6.551	0.8324	0.1538	0.009743	0.004055
ti	1.000	1.507	0.9911	0.008360	0.0004955	0.000
zr	0.000	0.002240	0.000	0.000	1.000	0.000
ni	0.2900	0.05616	0.8751	0.000	0.1063	0.01855
as	0.000	0.0005599	0.000	0.000	1.000	0.000
se	0.1000	0.0005599	0.000	0.000	1.000	0.000

tahoma woods
207.8 7.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	8899.485	Degrees of freedom:	14
R-squared:	0.995	Rbar-squared:	0.994
Residual SS:	41.633	Std error of est:	1.724
F(4,14):	744.655	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.610883	0.187155	8.607223	0.000	0.353179	0.471652
Coal fired	0.192329	0.157696	1.219622	0.243	0.050051	0.453173
Burn	9.862034	0.209364	47.104762	0.000	0.714092	0.790426
Kraft	2.071277	0.068068	30.429345	0.000	0.459485	0.529152

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	54.42	57.29	0.000	0.000	0.9985	0.001519
br	2.140	0.4119	0.000	0.000	0.7184	0.2816
cu	0.4200	1.093	0.000	0.005456	0.9926	0.001895
fe	14.12	14.34	0.7279	0.1139	0.1375	0.02065
k	67.29	64.60	0.03092	0.003882	0.9007	0.06445
mn	1.600	0.2279	0.6997	0.03629	0.1731	0.09088
na	54.65	54.87	0.000	0.000	0.04313	0.9569
pb	2.050	0.3359	0.000	0.02061	0.8807	0.09865
v	0.000	0.1418	0.8636	0.1072	0.000	0.02922
zn	3.640	0.09382	0.5495	0.1415	0.000	0.3091
si	45.35	45.85	0.8256	0.09998	0.06452	0.009893
al	15.57	15.15	0.5148	0.1991	0.2214	0.06469
ca	11.81	9.854	0.5623	0.02410	0.4003	0.01324
ti	2.690	1.767	0.8587	0.1052	0.02790	0.008204
zr	0.000	0.03326	0.000	0.4395	0.000	0.5605
ni	0.2800	0.1111	0.4493	0.08479	0.000	0.4659
as	0.2900	0.02179	0.000	0.7149	0.000	0.2851
se	0.1700	0.01314	0.000	0.5270	0.000	0.4730

tahoma woods
208.3 7.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	13251.787	Degrees of freedom:	13
R-squared:	0.984	Rbar-squared:	0.979
Residual SS:	214.556	Std error of est:	4.063
F(5,13):	157.986	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.806679	0.440928	6.365396	0.000	0.485754	0.635839
Coal fired	0.495984	0.371518	1.335020	0.205	0.101889	0.609365
Burn	10.404666	0.681119	15.275842	0.000	0.594714	0.721440
Lime	1.492247	0.112443	13.271163	0.000	0.372298	0.413921
Trans	0.291366	0.154349	1.887712	0.082	0.073041	0.489161

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	71.01	71.47	0.000	0.000	0.8444	0.009689	0.1459
br	2.130	0.8138	0.000	0.000	0.3835	0.04401	0.5725
cu	0.5200	1.169	0.000	0.01316	0.9795	0.006385	0.0009974
fe	33.04	24.59	0.7395	0.1712	0.08462	0.002488	0.002097
k	67.55	67.45	0.05159	0.009588	0.9101	0.02874	2.160E-05
mn	3.920	0.3973	0.6994	0.05368	0.1048	0.05634	0.08581
na	56.49	56.53	0.000	0.000	0.04417	0.9558	0.000
pb	3.970	2.264	0.000	0.007887	0.1379	0.01186	0.8424
v	0.000	0.3540	0.6026	0.1107	0.000	0.2867	0.000
zn	10.29	0.1627	0.5520	0.2103	0.000	0.05503	0.1827
si	78.22	80.98	0.8144	0.1460	0.03854	0.0007002	0.0003238
al	24.22	25.01	0.5433	0.3110	0.1415	0.003819	0.0004544
ca	18.52	14.95	0.6456	0.04096	0.2783	0.03413	0.0009937
ti	4.210	3.182	0.8310	0.1508	0.01635	0.001876	0.000
zr	0.000	0.05560	0.000	0.6779	0.000	0.3221	0.000
ni	0.7100	0.1596	0.5450	0.1522	0.000	0.2991	0.003650
as	0.6800	0.04465	0.000	0.8997	0.000	0.1003	0.000
se	0.3100	0.02233	0.000	0.7995	0.000	0.2005	0.000

tahoma woods
208.8 7.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8721.738	Degrees of freedom:	14
R-squared:	0.980	Rbar-squared:	0.976
Residual SS:	173.631	Std error of est:	3.522
F(4,14):	172.310	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.015323	0.141106	14.282305	0.000	0.451786	0.501254
Burn	7.116055	0.590248	12.056049	0.000	0.526846	0.839092
Lime	0.514281	0.097472	5.276176	0.000	0.166194	0.206812
Trans	1.169502	0.133781	8.741910	0.000	0.379744	0.746000

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	83.92	83.36	0.000	0.4951	0.002863	0.5020
br	2.860	2.096	0.000	0.1019	0.005889	0.8923
cu	0.7800	0.7900	0.000	0.9908	0.003255	0.005921
fe	24.40	14.71	0.8877	0.09675	0.001433	0.01407
k	44.52	45.16	0.05534	0.9297	0.01479	0.0001295
mn	3.840	0.3725	0.5356	0.07641	0.02071	0.3673
na	20.34	20.33	0.000	0.08401	0.9160	0.000
pb	4.220	7.877	0.000	0.02710	0.001175	0.9717
v	0.000	0.1881	0.8141	0.000	0.1859	0.000
zn	6.720	0.1869	0.3451	0.000	0.01651	0.6384
si	47.35	49.62	0.9545	0.04302	0.0003938	0.002121
al	10.32	12.25	0.7961	0.1975	0.002686	0.003723
ca	9.900	10.01	0.6923	0.2842	0.01756	0.005956
ti	2.500	1.936	0.9806	0.01838	0.001063	0.000
zr	0.000	0.006171	0.000	0.000	1.000	0.000
ni	0.6700	0.08127	0.7687	0.000	0.2025	0.02878
as	0.8600	0.001543	0.000	0.000	1.000	0.000
se	0.1500	0.001543	0.000	0.000	1.000	0.000

tahoma woods
209.3 7.000 28.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	16594.127	Degrees of freedom:	14
R-squared:	0.962	Rbar-squared:	0.954
Residual SS:	630.844	Std error of est:	6.713
F(4,14):	88.566	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.041463	0.268964	15.026057	0.000	0.665855	0.705086
Burn	7.661538	1.125075	6.809801	0.000	0.416882	0.699328
Lime	0.595114	0.185793	3.203109	0.006	0.141341	0.175058
Trans	1.302594	0.255001	5.108191	0.000	0.310851	0.602015

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	91.45	91.32	0.000	0.4866	0.003024	0.5104
br	2.850	2.327	0.000	0.09877	0.006138	0.8951
cu	1.050	0.8510	0.000	0.9904	0.003497	0.006123
fe	34.50	27.98	0.9361	0.05477	0.0008722	0.008241
k	51.85	50.99	0.09827	0.8864	0.01516	0.0001277
mn	3.870	0.5921	0.6758	0.05176	0.01508	0.2574
na	23.39	23.39	0.000	0.07862	0.9214	0.000
pb	7.700	8.766	0.000	0.02622	0.001222	0.9726
v	0.5300	0.3476	0.8836	0.000	0.1164	0.000
zn	8.650	0.2658	0.4866	0.000	0.01344	0.4999
si	100.3	97.41	0.9750	0.02360	0.0002321	0.001203
al	0.000	22.25	0.8790	0.1171	0.001711	0.002283
ca	16.29	17.24	0.8065	0.1778	0.01181	0.003854
ti	3.450	3.848	0.9894	0.009956	0.0006187	0.000
zr	0.000	0.007141	0.000	0.000	1.000	0.000
ni	0.7600	0.1469	0.8527	0.000	0.1296	0.01773
as	0.000	0.001785	0.000	0.000	1.000	0.000
se	0.3100	0.001785	0.000	0.000	1.000	0.000

tahoma woods
210.8 7.000 29.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	19348.973	Degrees of freedom:	15
R-squared:	0.967	Rbar-squared:	0.963
Residual SS:	638.053	Std error of est:	6.522
F(3,15):	146.625	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.020546	0.261321	15.385454	0.000	0.631892	0.671138
Burn	8.128982	1.089959	7.458059	0.000	0.421939	0.731164
Trans	1.613666	0.247525	6.519195	0.000	0.367344	0.660052

	Measured	Predicted	Soil	Burn	Trans
b_{abs}	106.0	104.9	0.000	0.4495	0.5505
br	2.820	2.824	0.000	0.08635	0.9136
cu	1.100	0.9006	0.000	0.9928	0.007167
fe	27.76	27.96	0.9316	0.05814	0.01021
k	52.68	52.95	0.09415	0.9057	0.0001524
mn	2.580	0.6193	0.6427	0.05250	0.3048
na	0.000	1.951	0.000	1.000	0.000
pb	4.640	10.81	0.000	0.02257	0.9774
v	1.760	0.3056	1.000	0.000	0.000
zn	6.930	0.2933	0.4387	0.000	0.5613
si	100.9	97.07	0.9734	0.02512	0.001496
al	0.000	22.29	0.8732	0.1240	0.002824
ca	22.86	17.16	0.8058	0.1894	0.004795
ti	3.360	3.828	0.9894	0.01062	0.000
zr	0.000	0.000	-NAN	-NAN	-NAN
ni	0.6600	0.1279	0.9748	0.000	0.02524
as	0.7500	0.000	-NAN	-NAN	-NAN
se	0.2100	0.000	-NAN	-NAN	-NAN

tahoma woods
212.3 7.000 31.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9791.487	Degrees of freedom:	13
R-squared:	0.996	Rbar-squared:	0.994
Residual SS:	42.165	Std error of est:	1.801
F(5,13):	601.166	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.031710	0.195467	10.394126	0.000	0.433348	0.848939
Coal fired	1.657012	0.164697	10.060958	0.000	0.419504	0.848131
Burn	3.730230	0.301946	12.353958	0.000	0.262765	0.517695
Lime	0.550315	0.049847	11.040101	0.000	0.169205	0.192828
Trans	0.787940	0.068424	11.515530	0.000	0.243428	0.429794

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	50.95	50.08	0.000	0.000	0.4320	0.005098	0.5629
br	1.210	1.3x85	0.000	0.000	0.08080	0.009536	0.9097
cu	0.000	0.4676	0.000	0.1099	0.8775	0.005885	0.006740
fe	25.71	28.14	0.4678	0.4999	0.02651	0.0008017	0.004956
k	26.48	27.41	0.09192	0.07884	0.8030	0.02608	0.0001437
mn	0.000	0.3878	0.5187	0.1838	0.03848	0.02129	0.2378
na	20.83	20.82	0.000	0.000	0.04300	0.9570	0.000
pb	0.6700	5.339	0.000	0.01117	0.02096	0.001856	0.9660
v	0.000	0.3227	0.4784	0.4056	0.000	0.1160	0.000
zn	3.000	0.2630	0.2472	0.4347	0.000	0.01255	0.3056
si	88.73	88.45	0.5398	0.4465	0.01265	0.0002364	0.0008017
al	38.00	37.15	0.2647	0.6994	0.03414	0.0009481	0.0008272
ca	12.70	10.76	0.6498	0.1903	0.1387	0.01750	0.003736
ti	3.120	3.537	0.5411	0.4530	0.005273	0.0006223	0.000
zr	0.000	0.1325	0.000	0.9502	0.000	0.04983	0.000
ni	0.000	0.1634	0.3855	0.4970	0.000	0.1078	0.009647
as	0.000	0.1359	0.000	0.9878	0.000	0.01215	0.000
se	0.2400	0.06130	0.000	0.9731	0.000	0.02693	0.000

tahoma woods
212.8 7.000 31.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2728.242	Degrees of freedom:	13
R-squared:	0.996	Rbar-squared:	0.995
Residual SS:	9.688	Std error of est:	0.863
F(5,13):	729.614	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.081920	0.093693	11.547525	0.000	0.422465	0.665404
Coal fired	0.449797	0.078944	5.697674	0.000	0.208472	0.650721
Burn	4.046052	0.144731	27.955642	0.000	0.521775	0.698531
Lime	0.643502	0.023893	26.932648	0.000	0.362219	0.400182
Trans	0.249232	0.032798	7.599089	0.000	0.140962	0.506987

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	32.81	32.68	0.000	0.000	0.7180	0.009136	0.2729
br	0.9000	0.5353	0.000	0.000	0.2267	0.02885	0.7444
cu	0.4600	0.4632	0.000	0.03010	0.9608	0.006946	0.002152
fe	12.23	11.71	0.5987	0.3262	0.06911	0.002253	0.003767
k	26.36	26.64	0.05037	0.02202	0.8962	0.03138	4.678E-05
mn	0.6100	0.1814	0.5903	0.1066	0.08919	0.05320	0.1607
na	24.26	24.27	0.000	0.000	0.04001	0.9600	0.000
pb	0.9400	1.780	0.000	0.009095	0.06818	0.006506	0.9162
v	0.3100	0.1615	0.5091	0.2200	0.000	0.2709	0.000
zn	1.280	0.09494	0.3647	0.3269	0.000	0.04067	0.2678
si	36.96	37.41	0.6797	0.2866	0.03245	0.0006537	0.0005996
al	14.06	13.72	0.3818	0.5142	0.1003	0.003003	0.0007087
ca	8.200	6.129	0.6073	0.09064	0.2641	0.03591	0.002074
ti	0.000	1.477	0.6901	0.2945	0.01370	0.001743	0.000
zr	0.000	0.04191	0.000	0.8157	0.000	0.1843	0.000
ni	0.000	0.07667	0.4375	0.2875	0.000	0.2686	0.006501
as	0.000	0.03836	0.000	0.9497	0.000	0.05032	0.000
se	0.2900	0.01812	0.000	0.8935	0.000	0.1065	0.000

tahoma woods
213.3 8.000 1.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	18159.770	Degrees of freedom:	13
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	138.292	Std error of est:	3.262
F(5,13):	338.818	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.535737	0.353994	1.513408	0.154	0.082653	0.531109
Coal fired	2.442464	0.298269	8.188787	0.000	0.447272	0.556388
Burn	6.236431	0.546829	11.404715	0.000	0.317761	0.552959
Lime	2.900902	0.090274	32.134584	0.000	0.645160	0.670374
Trans	0.951051	0.123917	7.674893	0.000	0.212527	0.441495

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	72.74	71.55	0.000	0.000	0.5056	0.01881	0.4756
br	1.750	1.777	0.000	0.000	0.1053	0.03917	0.8556
cu	0.9800	0.7800	0.000	0.09707	0.8795	0.01859	0.004877
fe	22.27	25.75	0.1348	0.8055	0.04845	0.004620	0.006539
k	42.73	44.42	0.01496	0.07171	0.8284	0.08484	0.0001071
mn	1.340	0.3378	0.1570	0.3109	0.07385	0.1288	0.3294
na	106.5	106.5	0.000	0.000	0.01405	0.9860	0.000
pb	0.000	6.552	0.000	0.01342	0.02856	0.007970	0.9501
v	0.000	0.4309	0.09448	0.4478	0.000	0.4578	0.000
zn	2.260	0.3001	0.05713	0.5616	0.000	0.05800	0.3233
si	72.21	72.88	0.1728	0.7989	0.02567	0.001513	0.001174
al	45.60	43.23	0.05998	0.8858	0.04905	0.004295	0.0008580
ca	16.61	8.395	0.2195	0.3593	0.2972	0.1182	0.005778
ti	3.390	2.909	0.1735	0.8118	0.01072	0.003988	0.000
zr	0.000	0.2204	0.000	0.8421	0.000	0.1579	0.000
ni	0.000	0.2310	0.07189	0.5181	0.000	0.4018	0.008234
as	0.000	0.2065	0.000	0.9579	0.000	0.04214	0.000
se	0.2200	0.09663	0.000	0.9099	0.000	0.09006	0.000

tahoma woods
213.8 8.000 1.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8105.148	Degrees of freedom:	13
R-squared:	0.993	Rbar-squared:	0.991
Residual SS:	55.777	Std error of est:	2.071
F(5,13):	375.215	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.535774	0.224815	6.831290	0.000	0.358683	0.419273
Coal fired	0.044901	0.189425	0.237039	0.816	0.012447	0.395155
Burn	6.594177	0.347280	18.988046	0.000	0.508628	0.631116
Lime	2.029035	0.057331	35.391635	0.000	0.683123	0.718201
Trans	0.195961	0.078697	2.490060	0.027	0.066291	0.426279

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	46.29	46.20	0.000	0.000	0.8278	0.02038	0.1518
br	2.430	0.5599	0.000	0.000	0.3533	0.08698	0.5597
cu	0.000	0.7377	0.000	0.001887	0.9833	0.01375	0.001063
fe	13.29	11.77	0.8455	0.03239	0.1121	0.007068	0.002947
k	42.97	43.51	0.04377	0.001346	0.8943	0.06058	2.252E-05
mn	1.010	0.2337	0.6506	0.008261	0.1129	0.1302	0.09810
na	75.01	75.05	0.000	0.000	0.02109	0.9789	0.000
pb	0.4500	1.519	0.000	0.001064	0.1303	0.02405	0.8446
v	0.000	0.2582	0.4520	0.01374	0.000	0.5343	0.000
zn	2.180	0.08441	0.5822	0.03671	0.000	0.1442	0.2368
si	37.69	39.23	0.9199	0.02728	0.05042	0.001965	0.0004495
al	11.56	10.52	0.7068	0.06694	0.2132	0.01235	0.0007267
ca	14.94	8.680	0.6086	0.006389	0.3039	0.07994	0.001151
ti	1.940	1.531	0.9448	0.02836	0.02153	0.005300	0.000
zr	0.000	0.02776	0.000	0.1229	0.000	0.8771	0.000
ni	0.2300	0.1151	0.4135	0.01911	0.000	0.5640	0.003404
as	0.000	0.009724	0.000	0.3740	0.000	0.6260	0.000
se	0.3000	0.007704	0.000	0.2098	0.000	0.7902	0.000

tahoma woods
214.3 8.000 2.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	29110.642	Degrees of freedom:	13
R-squared:	0.989	Rbar-squared:	0.986
Residual SS:	306.296	Std error of est:	4.854
F(5,13):	244.507	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.626235	0.526826	4.985011	0.000	0.315096	0.576320
Coal fired	1.673888	0.443895	3.770911	0.002	0.238380	0.571123
Burn	10.203689	0.813810	12.538165	0.000	0.404317	0.713532
Lime	2.320493	0.134348	17.272230	0.000	0.401343	0.433952
Trans	1.956305	0.184418	10.608004	0.000	0.339976	0.625415

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	132.2	130.3	0.000	0.000	0.4543	0.008266	0.5374
br	2.760	3.490	0.000	0.000	0.08771	0.01596	0.8963
cu	1.780	1.194	0.000	0.04347	0.9403	0.009720	0.006555
fe	37.66	33.71	0.5048	0.4216	0.06053	0.002822	0.01027
k	66.00	68.67	0.04743	0.03179	0.8767	0.04390	0.0001425
mn	3.100	0.6365	0.4085	0.1131	0.06413	0.05469	0.3596
na	86.44	86.47	0.000	0.000	0.02832	0.9717	0.000
pb	2.680	13.21	0.000	0.004561	0.02317	0.003161	0.9691
v	0.000	0.4896	0.4076	0.2701	0.000	0.3223	0.000
zn	5.470	0.4130	0.2035	0.2797	0.000	0.03371	0.4832
si	102.0	104.9	0.5881	0.3802	0.02917	0.0008403	0.001678
al	44.32	42.65	0.2980	0.6154	0.08134	0.003482	0.001789
ca	27.21	16.08	0.5620	0.1286	0.2539	0.04936	0.006206
ti	3.270	4.153	0.5957	0.3898	0.01229	0.002235	0.000
zr	0.000	0.1551	0.000	0.8204	0.000	0.1796	0.000
ni	0.7200	0.2416	0.3370	0.3395	0.000	0.3073	0.01619
as	0.000	0.1425	0.000	0.9512	0.000	0.04884	0.000
se	0.3300	0.06722	0.000	0.8964	0.000	0.1036	0.000

tahoma woods
214.8 8.000 2.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	16196.997	Degrees of freedom:	13
R-squared:	0.987	Rbar-squared:	0.983
Residual SS:	207.601	Std error of est:	3.996
F(5,13):	200.251	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.875396	0.433723	2.018331	0.065	0.139299	0.534349
Coal fired	2.002454	0.365447	5.479459	0.000	0.378217	0.551182
Burn	8.517891	0.669989	12.713472	0.000	0.447643	0.752884
Lime	1.597810	0.110605	14.446034	0.000	0.366518	0.401664
Trans	1.483625	0.151826	9.771847	0.000	0.341956	0.656638

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	104.3	103.2	0.000	0.000	0.4786	0.007182	0.5142
br	2.790	2.666	0.000	0.000	0.09584	0.01438	0.8898
cu	0.9600	1.013	0.000	0.06128	0.9250	0.007887	0.005859
fe	31.99	24.71	0.2296	0.6882	0.06895	0.002651	0.01063
k	54.38	56.04	0.01937	0.04660	0.8969	0.03704	0.0001324
mn	2.670	0.4044	0.2143	0.2129	0.08425	0.05927	0.4292
na	59.87	59.90	0.000	0.000	0.03413	0.9659	0.000
pb	3.700	10.07	0.000	0.007161	0.02538	0.002857	0.9646
v	0.8700	0.3334	0.1996	0.4745	0.000	0.3259	0.000
zn	6.480	0.3271	0.08564	0.4224	0.000	0.02931	0.4626
si	67.93	71.05	0.2895	0.6718	0.03596	0.0008545	0.001879
al	38.97	38.69	0.1095	0.8115	0.07485	0.002643	0.001496
ca	16.98	9.514	0.3165	0.2599	0.3581	0.05744	0.007953
ti	3.610	2.810	0.2935	0.6891	0.01516	0.002274	0.000
zr	0.000	0.1714	0.000	0.8881	0.000	0.1119	0.000
ni	0.6300	0.1794	0.1513	0.5471	0.000	0.2851	0.01654
as	0.7300	0.1670	0.000	0.9713	0.000	0.02870	0.000
se	0.2000	0.07688	0.000	0.9377	0.000	0.06235	0.000

tahoma woods
215.3 8.000 3.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	20059.681	Degrees of freedom:	13
R-squared:	0.990	Rbar-squared:	0.987
Residual SS:	197.690	Std error of est:	3.900
F(5,13):	261.223	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.132689	0.423242	7.401642	0.000	0.454498	0.825204
Coal fired	2.149239	0.356617	6.026745	0.000	0.370113	0.819493
Burn	5.691137	0.653800	8.704706	0.000	0.272690	0.547422
Lime	0.864252	0.107933	8.007316	0.000	0.180751	0.205308
Trans	1.308060	0.148158	8.828829	0.000	0.274881	0.468096

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	80.90	80.21	0.000	0.000	0.4115	0.004999	0.5835
br	1.720	2.283	0.000	0.000	0.07478	0.009085	0.9161
cu	0.6900	0.7022	0.000	0.09488	0.8915	0.006154	0.007451
fe	47.73	39.95	0.5081	0.4568	0.02849	0.0008869	0.005795
k	40.13	41.39	0.09384	0.06771	0.8112	0.02712	0.0001580
mn	2.920	0.5913	0.5245	0.1563	0.03850	0.02192	0.2588
na	32.62	32.66	0.000	0.000	0.04182	0.9582	0.000
pb	4.860	8.825	0.000	0.008768	0.01935	0.001763	0.9701
v	0.9300	0.4666	0.5102	0.3639	0.000	0.1259	0.000
zn	7.250	0.3872	0.2589	0.3830	0.000	0.01339	0.3446
si	123.5	126.7	0.5810	0.4043	0.01347	0.0002592	0.0009291
al	51.09	50.90	0.2979	0.6620	0.03801	0.001087	0.001002
ca	23.54	16.07	0.6706	0.1652	0.1417	0.01839	0.004151
ti	4.980	5.061	0.5831	0.4106	0.005622	0.0006830	0.000
zr	0.000	0.1737	0.000	0.9403	0.000	0.05970	0.000
ni	0.4500	0.2327	0.4173	0.4526	0.000	0.1188	0.01124
as	0.000	0.1767	0.000	0.9853	0.000	0.01467	0.000
se	0.1900	0.07997	0.000	0.9676	0.000	0.03242	0.000

tahoma woods
215.8 8.000 3.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	29087.571	Degrees of freedom:	14
R-squared:	0.984	Rbar-squared:	0.981
Residual SS:	459.662	Std error of est:	5.730
F(4,14):	217.981	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.661161	0.621905	5.887012	0.000	0.453696	0.801355
Coal fired	2.365697	0.524004	4.514651	0.000	0.347969	0.794276
Burn	6.120740	0.957903	6.389728	0.000	0.250499	0.578588
Trans	2.074002	0.217496	9.535824	0.000	0.372270	0.547825

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	110.7	109.7	0.000	0.000	0.3236	0.6764
br	2.140	3.500	0.000	0.000	0.05246	0.9475
cu	1.600	0.7549	0.000	0.09715	0.8919	0.01099
fe	61.56	45.40	0.5225	0.4424	0.02696	0.008085
k	42.25	43.75	0.1038	0.07052	0.8255	0.0002370
mn	5.820	0.7313	0.4956	0.1391	0.03348	0.3318
na	0.000	1.469	0.000	0.000	1.000	0.000
pb	7.920	13.84	0.000	0.006152	0.01326	0.9806
v	1.270	0.4651	0.5982	0.4018	0.000	0.000
zn	9.010	0.4919	0.2382	0.3318	0.000	0.4300
si	139.7	144.5	0.5956	0.3904	0.01271	0.001292
al	55.23	56.97	0.3110	0.6510	0.03653	0.001420
ca	23.37	18.07	0.6970	0.1617	0.1355	0.005854
ti	4.320	5.767	0.5980	0.3967	0.005307	0.000
zr	0.000	0.1798	0.000	1.000	0.000	0.000
ni	0.7700	0.2336	0.4859	0.4963	0.000	0.01776
as	0.000	0.1916	0.000	1.000	0.000	0.000
se	0.3100	0.08517	0.000	1.000	0.000	0.000

tahoma woods
216.3 8.000 4.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	35153.746	Degrees of freedom:	13
R-squared:	0.983	Rbar-squared:	0.978
Residual SS:	601.915	Std error of est:	6.804
F(5,13):	149.248	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.487121	0.738524	2.013639	0.065	0.160890	0.796343
Coal fired	5.089617	0.622268	8.179144	0.000	0.653587	0.830820
Burn	7.965878	1.140828	6.982538	0.000	0.284625	0.553347
Lime	1.115179	0.188334	5.921280	0.000	0.173922	0.198925
Trans	1.708761	0.258523	6.609694	0.000	0.267773	0.469133

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	108.6	107.9	0.000	0.000	0.4283	0.004797	0.5669
br	2.240	2.998	0.000	0.000	0.07971	0.008927	0.9114
cu	0.7200	1.046	0.000	0.1508	0.8374	0.005328	0.006532
fe	60.47	54.79	0.1759	0.7887	0.02908	0.0008344	0.005520
k	55.23	56.94	0.03239	0.1166	0.8255	0.02544	0.0001501
mn	5.140	0.6146	0.2395	0.3561	0.05184	0.02722	0.3253
na	42.21	42.29	0.000	0.000	0.04520	0.9548	0.000
pb	7.100	11.63	0.000	0.01576	0.02056	0.001727	0.9620
v	1.430	0.5909	0.1913	0.6804	0.000	0.1283	0.000
zn	18.69	0.5798	0.08208	0.6057	0.000	0.01154	0.3006
si	155.1	158.9	0.2200	0.7637	0.01504	0.0002668	0.0009681
al	91.59	89.84	0.08011	0.8882	0.03015	0.0007944	0.0007417
ca	28.26	15.06	0.3398	0.4175	0.2116	0.02533	0.005788
ti	4.370	6.367	0.2200	0.7730	0.006256	0.0007006	0.000
zr	0.000	0.4002	0.000	0.9666	0.000	0.03344	0.000
ni	0.7900	0.3346	0.1378	0.7454	0.000	0.1067	0.01021
as	0.000	0.4156	0.000	0.9920	0.000	0.008050	0.000
se	0.3000	0.1866	0.000	0.9821	0.000	0.01793	0.000

tahoma woods
216.8 8.000 4.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	44866.234	Degrees of freedom:	14
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	372.130	Std error of est:	5.156
F(4,14):	418.481	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.925505	0.559567	3.441065	0.004	0.190614	0.784712
Coal fired	5.094826	0.471480	10.806032	0.000	0.598652	0.813486
Burn	12.390424	0.861886	14.375950	0.000	0.405091	0.622717
Trans	1.485370	0.195695	7.590243	0.000	0.212984	0.494868

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	125.6	125.0	0.000	0.000	0.5749	0.4251
br	2.560	2.747	0.000	0.000	0.1353	0.8647
cu	0.7300	1.527	0.000	0.1034	0.8927	0.003891
fe	60.87	58.48	0.2134	0.7398	0.04238	0.004496
k	81.27	82.14	0.02907	0.08088	0.8900	9.041E-05
mn	4.280	0.6331	0.3011	0.3461	0.07829	0.2745
na	0.000	2.974	0.000	0.000	1.000	0.000
pb	6.920	10.28	0.000	0.01785	0.03617	0.9460
v	1.040	0.5488	0.2666	0.7334	0.000	0.000
zn	17.34	0.5647	0.1091	0.6226	0.000	0.2683
si	168.8	170.5	0.2653	0.7121	0.02180	0.0007839
al	94.40	93.47	0.09970	0.8546	0.04507	0.0006198
ca	24.48	17.95	0.3691	0.3506	0.2761	0.004221
ti	5.170	6.802	0.2666	0.7243	0.009107	0.000
zr	0.000	0.3872	0.000	1.000	0.000	0.000
ni	0.6100	0.3123	0.1911	0.7994	0.000	0.009512
as	0.000	0.4127	0.000	1.000	0.000	0.000
se	0.2100	0.1834	0.000	1.000	0.000	0.000

tahoma woods
217.3 8.000 5.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	43342.629	Degrees of freedom:	15
R-squared:	0.993	Rbar-squared:	0.992
Residual SS:	312.090	Std error of est:	4.561
F(3,15):	689.392	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.591777	0.495017	7.255872	0.000	0.367367	0.868242
Coal fired	4.074113	0.417076	9.768263	0.000	0.494606	0.877457
Burn	13.456480	0.551732	24.389534	0.000	0.454547	0.532122

	Measured	Predicted	Soil	Coal fired	Burn
b_{abs}	69.01	78.05	0.000	0.000	1.000
br	2.880	0.4037	0.000	0.000	1.000
cu	0.000	1.607	0.000	0.07862	0.9214
fe	58.62	60.56	0.3843	0.5712	0.04444
k	97.67	89.16	0.04995	0.05959	0.8905
mn	2.670	0.5846	0.6083	0.2997	0.09207
na	0.000	3.230	0.000	0.000	1.000
pb	3.390	0.5504	0.000	0.2665	0.7335
v	2.250	0.5948	0.4589	0.5411	0.000
zn	7.370	0.3961	0.2902	0.7098	0.000
si	184.1	185.6	0.4549	0.5234	0.02176
al	87.79	85.84	0.2025	0.7442	0.05330
ca	30.71	22.77	0.5426	0.2210	0.2364
ti	6.030	7.390	0.4578	0.5331	0.009104
zr	0.000	0.3096	0.000	1.000	0.000
ni	0.6700	0.3110	0.3580	0.6420	0.000
as	0.7400	0.3300	0.000	1.000	0.000
se	0.3300	0.1467	0.000	1.000	0.000

tahoma woods
217.8 8.000 5.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6077.468	Degrees of freedom:	13
R-squared:	0.999	Rbar-squared:	0.999
Residual SS:	5.849	Std error of est:	0.671
F(5,13):	2698.826	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.185920	0.072803	30.025187	0.000	0.576186	0.731077
Coal fired	0.366675	0.061342	5.977507	0.000	0.114721	0.699192
Burn	5.943252	0.112462	52.846950	0.000	0.517379	0.670772
Lime	0.791653	0.018566	42.640490	0.000	0.300808	0.338372
Trans	0.275011	0.025485	10.791107	0.000	0.104998	0.467435

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	44.75	44.68	0.000	0.000	0.7715	0.008222	0.2202
br	1.580	0.6370	0.000	0.000	0.2799	0.02982	0.6903
cu	0.4100	0.6702	0.000	0.01696	0.9755	0.005906	0.001641
fe	17.99	18.55	0.7637	0.1679	0.06409	0.001750	0.002624
k	39.20	39.28	0.06900	0.01217	0.8926	0.02618	3.500E-05
mn	0.9100	0.3000	0.7214	0.05256	0.07924	0.03958	0.1073
na	30.09	30.09	0.000	0.000	0.04740	0.9526	0.000
pb	1.350	2.006	0.000	0.006581	0.08890	0.007105	0.8974
v	0.6100	0.2489	0.6674	0.1164	0.000	0.2163	0.000
zn	1.800	0.1281	0.5463	0.1976	0.000	0.03709	0.2191
si	62.05	61.95	0.8292	0.1411	0.02878	0.0004856	0.0003995
al	18.57	18.41	0.5746	0.3123	0.1098	0.002752	0.0005826
ca	10.93	10.63	0.7071	0.04258	0.2235	0.02546	0.001319
ti	1.780	2.447	0.8416	0.1449	0.01215	0.001294	0.000
zr	0.000	0.03737	0.000	0.7458	0.000	0.2542	0.000
ni	0.3700	0.1116	0.6071	0.1610	0.000	0.2270	0.004928
as	0.4000	0.03208	0.000	0.9260	0.000	0.07404	0.000
se	0.2800	0.01558	0.000	0.8475	0.000	0.1525	0.000

tahoma woods
218.3 8.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	12270.986	Degrees of freedom:	13
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	92.240	Std error of est:	2.664
F(5,13):	343.287	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.652554	0.289106	9.175033	0.000	0.513153	0.814868
Coal fired	1.308659	0.243595	5.372262	0.000	0.300499	0.800259
Burn	3.525437	0.446593	7.894067	0.000	0.225243	0.559896
Lime	0.375349	0.073726	5.091126	0.000	0.104675	0.127410
Trans	1.322511	0.101203	13.067945	0.000	0.370582	0.530136

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	69.46	67.94	0.000	0.000	0.3009	0.002563	0.6965
br	1.180	2.229	0.000	0.000	0.04744	0.004041	0.9485
cu	0.000	0.4355	0.000	0.09315	0.8904	0.004309	0.01215
fe	25.26	29.25	0.5875	0.3798	0.02410	0.0005260	0.008002
k	24.84	26.29	0.1251	0.06491	0.7912	0.01855	0.0002515
mn	0.8600	0.4933	0.5323	0.1141	0.02858	0.01141	0.3136
na	14.47	14.44	0.000	0.000	0.05860	0.9414	0.000
pb	0.8200	8.815	0.000	0.005344	0.01200	0.0007664	0.9819
v	0.000	0.3305	0.6100	0.3128	0.000	0.07723	0.000
zn	2.320	0.3123	0.2718	0.2891	0.000	0.007211	0.4319
si	95.61	94.72	0.6581	0.3293	0.01117	0.0001506	0.001257
al	35.52	34.63	0.3707	0.5925	0.03461	0.0006937	0.001489
ca	13.07	12.35	0.7390	0.1309	0.1142	0.01040	0.005463
ti	3.690	3.783	0.6605	0.3345	0.004659	0.0003968	0.000
zr	0.000	0.1040	0.000	0.9567	0.000	0.04333	0.000
ni	0.2500	0.1610	0.5107	0.3983	0.000	0.07460	0.01643
as	0.5100	0.1071	0.000	0.9895	0.000	0.01051	0.000
se	0.3400	0.04824	0.000	0.9767	0.000	0.02334	0.000

tahoma woods
218.8 8.000 6.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	11061.081	Degrees of freedom:	13
R-squared:	0.997	Rbar-squared:	0.996
Residual SS:	32.023	Std error of est:	1.569
F(5,13):	895.462	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.549062	0.170345	9.093672	0.000	0.303233	0.732006
Coal fired	1.811807	0.143530	12.623210	0.000	0.420973	0.740406
Burn	6.023408	0.263139	22.890598	0.000	0.389409	0.648281
Lime	0.916579	0.043440	21.099686	0.000	0.258645	0.289938
Trans	0.908512	0.059630	15.235820	0.000	0.257597	0.531688

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	68.55	67.87	0.000	0.000	0.5147	0.006266	0.4790
br	1.500	1.655	0.000	0.000	0.1092	0.01329	0.8776
cu	0.000	0.7270	0.000	0.07726	0.9114	0.006304	0.004999
fe	24.41	26.83	0.3742	0.5735	0.04491	0.001401	0.005995
k	40.30	41.02	0.04683	0.05760	0.8664	0.02903	0.0001107
mn	1.720	0.3754	0.4085	0.2075	0.06418	0.03662	0.2832
na	34.64	34.63	0.000	0.000	0.04174	0.9583	0.000
pb	2.520	6.209	0.000	0.01051	0.02910	0.002657	0.9577
v	0.000	0.3232	0.3643	0.4429	0.000	0.1929	0.000
zn	2.640	0.2728	0.1817	0.4583	0.000	0.02016	0.3398
si	81.85	81.51	0.4466	0.5298	0.02217	0.0004273	0.001003
al	38.81	38.05	0.1971	0.7466	0.05383	0.001542	0.0009313
ca	11.85	10.34	0.5156	0.2165	0.2331	0.03033	0.004483
ti	2.770	3.245	0.4497	0.5399	0.009281	0.001130	0.000
zr	0.000	0.1487	0.000	0.9260	0.000	0.07397	0.000
ni	0.6900	0.1679	0.2859	0.5286	0.000	0.1746	0.01082
as	0.3300	0.1495	0.000	0.9816	0.000	0.01839	0.000
se	0.07000	0.06797	0.000	0.9595	0.000	0.04045	0.000

tahoma woods
219.3 8.000 7.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	29774.945	Degrees of freedom:	13
R-squared:	0.983	Rbar-squared:	0.978
Residual SS:	499.456	Std error of est:	6.198
F(5,13):	152.398	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.897814	0.672738	2.821031	0.014	0.223891	0.798517
Coal fired	4.229429	0.566837	7.461454	0.000	0.592244	0.824287
Burn	6.137256	1.039205	5.905720	0.000	0.239119	0.535700
Lime	1.238496	0.171558	7.219126	0.000	0.210623	0.233235
Trans	1.783282	0.235495	7.572495	0.000	0.304724	0.475247

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	101.2	99.98	0.000	0.000	0.3560	0.005748	0.6382
br	1.720	3.065	0.000	0.000	0.06006	0.009697	0.9302
cu	0.6300	0.8195	0.000	0.1600	0.8238	0.007556	0.008704
fe	59.38	49.80	0.2469	0.7211	0.02465	0.001020	0.006338
k	43.42	45.70	0.05150	0.1207	0.7924	0.03521	0.0001951
mn	3.830	0.6215	0.3023	0.2926	0.03950	0.02989	0.3357
na	46.24	46.32	0.000	0.000	0.03180	0.9682	0.000
pb	5.240	12.03	0.000	0.01266	0.01530	0.001853	0.9702
v	1.040	0.5626	0.2564	0.5939	0.000	0.1497	0.000
zn	10.76	0.5419	0.1121	0.5385	0.000	0.01371	0.3357
si	142.5	147.5	0.3024	0.6837	0.01249	0.0003191	0.001088
al	79.09	77.73	0.1182	0.8531	0.02684	0.001020	0.0008947
ca	29.25	14.72	0.4435	0.3548	0.1668	0.02877	0.006178
ti	5.120	5.913	0.3023	0.6916	0.005189	0.0008378	0.000
zr	0.000	0.3363	0.000	0.9558	0.000	0.04419	0.000
ni	0.7400	0.3093	0.1902	0.6701	0.000	0.1281	0.01153
as	0.000	0.3463	0.000	0.9893	0.000	0.01073	0.000
se	0.2400	0.1560	0.000	0.9762	0.000	0.02382	0.000

tahoma woods
221.8 8.000 9.000

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	42656.523	Degrees of freedom:	13
R-squared:	0.990	Rbar-squared:	0.987
Residual SS:	439.797	Std error of est:	5.816
F(5,13):	249.577	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.718593	0.631282	5.890541	0.000	0.375039	0.767732
Coal fired	3.253162	0.531907	6.116030	0.000	0.389438	0.769024
Burn	9.616995	0.975167	9.861892	0.000	0.320327	0.631157
Lime	0.448868	0.160986	2.788245	0.015	0.065259	0.093470
Trans	2.367881	0.220983	10.715221	0.000	0.345907	0.570178

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	142.3	140.7	0.000	0.000	0.3964	0.001480	0.6021
br	2.870	4.086	0.000	0.000	0.07062	0.002637	0.9267
cu	0.6800	1.170	0.000	0.08616	0.9038	0.001918	0.008092
fe	62.96	54.08	0.4456	0.5108	0.03557	0.0003403	0.007750
k	64.09	66.19	0.06967	0.06409	0.8573	0.008809	0.0001789
mn	5.930	0.8303	0.4434	0.1685	0.04633	0.008109	0.3337
na	18.54	18.56	0.000	0.000	0.1243	0.8757	0.000
pb	7.160	15.91	0.000	0.007360	0.01813	0.0005078	0.9740
v	1.200	0.5701	0.4957	0.4508	0.000	0.05354	0.000
zn	13.98	0.5877	0.2025	0.3820	0.000	0.004583	0.4110
si	164.7	168.0	0.5200	0.4614	0.01717	0.0001015	0.001268
al	72.38	72.40	0.2486	0.7046	0.04517	0.0003968	0.001276
ca	28.32	20.93	0.6112	0.1920	0.1838	0.007334	0.005770
ti	4.920	6.699	0.5229	0.4696	0.007178	0.0002680	0.000
zr	0.000	0.2526	0.000	0.9787	0.000	0.02132	0.000
ni	0.9900	0.2938	0.3924	0.5426	0.000	0.04889	0.01612
as	0.7400	0.2649	0.000	0.9949	0.000	0.005084	0.000
se	0.3200	0.1185	0.000	0.9886	0.000	0.01137	0.000

tahoma woods
222.3 8.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	50105.533	Degrees of freedom:	13
R-squared:	0.988	Rbar-squared:	0.984
Residual SS:	602.066	Std error of est:	6.805
F(5,13):	213.779	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.275151	0.738617	5.788049	0.000	0.391612	0.803262
Coal fired	3.759446	0.622346	6.040765	0.000	0.408756	0.804698
Burn	10.966326	1.140972	9.611390	0.000	0.331759	0.594192
Lime	0.948335	0.188358	5.034754	0.000	0.125226	0.153296
Trans	1.999313	0.258556	7.732613	0.000	0.265270	0.498315

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	136.6	135.6	0.000	0.000	0.4691	0.003245	0.5276
br	2.860	3.549	0.000	0.000	0.09271	0.006414	0.9009
cu	1.430	1.336	0.000	0.08726	0.9032	0.003550	0.005988
fe	67.87	62.21	0.4453	0.5131	0.03526	0.0006250	0.005688
k	73.91	76.15	0.06962	0.06438	0.8497	0.01618	0.0001313
mn	4.450	0.8769	0.4827	0.1843	0.05002	0.01622	0.2668
na	36.87	36.97	0.000	0.000	0.07119	0.9288	0.000
pb	7.540	13.57	0.000	0.009976	0.02425	0.001258	0.9645
v	1.690	0.6864	0.4734	0.4327	0.000	0.09395	0.000
zn	14.85	0.6058	0.2258	0.4282	0.000	0.009392	0.3366
si	189.1	193.6	0.5190	0.4629	0.01699	0.0001862	0.0009295
al	86.02	83.50	0.2478	0.7059	0.04465	0.0007268	0.0009338
ca	40.99	24.16	0.6087	0.1922	0.1815	0.01342	0.004220
ti	7.790	7.721	0.5216	0.4708	0.007101	0.0004913	0.000
zr	0.000	0.2971	0.000	0.9617	0.000	0.03830	0.000
ni	1.240	0.3511	0.3775	0.5247	0.000	0.08644	0.01139
as	0.000	0.3074	0.000	0.9907	0.000	0.009256	0.000
se	0.3400	0.1382	0.000	0.9794	0.000	0.02059	0.000

tahoma woods
222.8 8.000 10.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	35676.636	Degrees of freedom:	13
R-squared:	0.998	Rbar-squared:	0.997
Residual SS:	81.167	Std error of est:	2.499
F(5,13):	1140.223	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.330791	0.271198	12.281777	0.000	0.367723	0.822919
Coal fired	3.380647	0.228507	14.794523	0.000	0.443005	0.828502
Burn	12.970616	0.418930	30.961267	0.000	0.472924	0.606583
Lime	0.484082	0.069159	6.999516	0.000	0.077040	0.111815
Trans	0.507290	0.094934	5.343605	0.000	0.081121	0.410687

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	93.44	93.61	0.000	0.000	0.8037	0.002400	0.1939
br	2.750	1.212	0.000	0.000	0.3211	0.009587	0.6693
cu	0.7600	1.536	0.000	0.06823	0.9289	0.001576	0.001321
fe	55.32	52.99	0.4073	0.5417	0.04895	0.0003745	0.001694
k	85.51	85.70	0.04820	0.05144	0.8930	0.007338	2.960E-05
mn	3.890	0.5936	0.5555	0.2449	0.08740	0.01223	0.09999
na	20.60	20.64	0.000	0.000	0.1508	0.8492	0.000
pb	4.160	3.840	0.000	0.03170	0.1013	0.002269	0.8647
v	1.010	0.5531	0.4577	0.4828	0.000	0.05951	0.000
zn	5.730	0.3945	0.2702	0.5913	0.000	0.007362	0.1312
si	161.5	162.8	0.4808	0.4950	0.02390	0.0001130	0.0002804
al	74.15	73.59	0.2191	0.7203	0.05993	0.0004210	0.0002689
ca	25.67	21.01	0.5453	0.1987	0.2469	0.007879	0.001231
ti	3.490	6.473	0.4847	0.5050	0.01002	0.0002991	0.000
zr	0.000	0.2627	0.000	0.9779	0.000	0.02211	0.000
ni	0.7100	0.2854	0.3618	0.5804	0.000	0.05427	0.003555
as	0.6300	0.2753	0.000	0.9947	0.000	0.005275	0.000
se	0.2200	0.1232	0.000	0.9882	0.000	0.01179	0.000

tahoma woods
223.3 8.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	50765.406	Degrees of freedom:	13
R-squared:	0.992	Rbar-squared:	0.990
Residual SS:	391.261	Std error of est:	5.486
F(5,13):	334.745	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.041734	0.595430	5.108468	0.000	0.277621	0.824628
Coal fired	5.018162	0.501699	10.002335	0.000	0.543639	0.843448
Burn	14.966347	0.919785	16.271573	0.000	0.451132	0.582256
Lime	0.859713	0.151843	5.661854	0.000	0.113113	0.146372
Trans	0.549147	0.208433	2.634648	0.021	0.072598	0.387701

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	106.5	106.9	0.000	0.000	0.8124	0.003733	0.1839
br	3.00	0 1.348	0.000	0.000	0.3332	0.01531	0.6515
cu	1.050	1.808	0.000	0.08602	0.9104	0.002377	0.001215
fe	68.07	65.45	0.3012	0.6511	0.04574	0.0005386	0.001485
k	98.86	99.74	0.03782	0.06561	0.8853	0.01120	2.753E-05
mn	4.130	0.6539	0.4605	0.3300	0.09155	0.01972	0.09825
na	34.59	34.72	0.000	0.000	0.1034	0.8966	0.000
pb	5.340	4.239	0.000	0.04261	0.1059	0.003650	0.8478
v	0.8700	0.6861	0.3370	0.5778	0.000	0.08521	0.000
zn	8.100	0.5048	0.1928	0.6860	0.000	0.01022	0.1110
si	191.9	195.7	0.3653	0.6113	0.02295	0.0001670	0.0002526
al	101.6	98.57	0.1494	0.7982	0.05163	0.0005582	0.0002173
ca	39.77	22.97	0.4555	0.2698	0.2606	0.01280	0.001219
ti	6.070	7.796	0.3675	0.6224	0.009599	0.0004411	0.000
zr	0.000	0.3917	0.000	0.9737	0.000	0.02634	0.000
ni	0.9100	0.3688	0.2557	0.6667	0.000	0.07460	0.002978
as	1.010	0.4091	0.000	0.9937	0.000	0.006305	0.000
se	0.2500	0.1832	0.000	0.9859	0.000	0.01408	0.000

tahoma woods
223.8 8.000 11.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	84538.307	Degrees of freedom:	14
R-squared:	0.996	Rbar-squared:	0.996
Residual SS:	310.740	Std error of est:	4.711
F(4,14):	948.691	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.412871	0.511332	6.674468	0.000	0.249220	0.797427
Coal fired	6.372935	0.430838	14.791939	0.000	0.552380	0.818880
Burn	15.433063	0.787591	19.595268	0.000	0.372196	0.609219
Trans	2.265609	0.178826	12.669360	0.000	0.239635	0.498934

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	172.0	170.6	0.000	0.000	0.5248	0.4752
br	3.800	4.086	0.000	0.000	0.1133	0.8867
cu	1.410	1.904	0.000	0.1037	0.8915	0.004759
fe	75.87	79.72	0.2774	0.6788	0.03872	0.005031
k	101.7	103.6	0.04085	0.08021	0.8788	0.0001093
mn	4.360	0.9387	0.3599	0.2919	0.06576	0.2824
na	0.000	3.704	0.000	0.000	1.000	0.000
pb	7.460	15.52	0.000	0.01478	0.02983	0.9554
v	1.490	0.7628	0.3400	0.6600	0.000	0.000
zn	8.530	0.7800	0.1400	0.5637	0.000	0.2963
si	236.1	236.9	0.3385	0.6411	0.01954	0.0008605
al	124.7	121.8	0.1356	0.8205	0.04309	0.0007256
ca	36.59	25.90	0.4533	0.3039	0.2384	0.004461
ti	5.700	9.455	0.3400	0.6518	0.008162	0.000
zr	0.000	0.4843	0.000	1.000	0.000	0.000
ni	1.110	0.4226	0.2504	0.7389	0.000	0.01072
as	0.8200	0.5162	0.000	1.000	0.000	0.000
se	0.3400	0.2294	0.000	1.000	0.000	0.000

tahoma woods
224.3 8.000 12.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	70797.273	Degrees of freedom:	14
R-squared:	0.993	Rbar-squared:	0.991
Residual SS:	511.189	Std error of est:	6.043
F(4,14):	481.233	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.714779	0.655836	2.614645	0.020	0.136596	0.823329
Coal fired	7.309230	0.552595	13.227111	0.000	0.691091	0.862320
Burn	18.544500	1.010167	18.357855	0.000	0.487865	0.574479
Trans	0.150650	0.229363	0.656822	0.522	0.017382	0.356368

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	112.7	112.9	0.000	0.000	0.9523	0.04773
br	3.090	0.7972	0.000	0.000	0.6978	0.3022
cu	3.360	2.267	0.000	0.09995	0.8998	0.0002658
fe	61.68	76.91	0.1445	0.8070	0.04822	0.0003467
k	120.8	121.1	0.01756	0.07872	0.9037	6.222E-06
mn	4.150	0.5759	0.2948	0.5458	0.1288	0.03061
na	0.000	4.451	0.000	0.000	1.000	0.000
pb	2.690	1.805	0.000	0.1457	0.3081	0.5461
v	0.000	0.7078	0.1841	0.8159	0.000	0.000
zn	7.350	0.5746	0.09550	0.8778	0.000	0.02674
si	221.3	220.1	0.1831	0.7916	0.02528	6.160E-05
al	134.5	129.2	0.06423	0.8869	0.04880	4.547E-05
ca	34.80	22.35	0.2639	0.4039	0.3319	0.0003437
ti	11.58	8.776	0.1841	0.8054	0.01057	0.000
zr	0.000	0.5555	0.000	1.000	0.000	0.000
ni	0.7400	0.4116	0.1291	0.8701	0.000	0.0007320
as	0.7900	0.5920	0.000	1.000	0.000	0.000
se	0.4400	0.2631	0.000	1.000	0.000	0.000

tahoma woods
224.8 8.000 12.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	7715.421	Degrees of freedom:	13
R-squared:	0.997	Rbar-squared:	0.996
Residual SS:	26.061	Std error of est:	1.416
F(5,13):	767.122	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.910822	0.153673	12.434366	0.000	0.463348	0.885625
Coal fired	1.469731	0.129482	11.350853	0.000	0.423019	0.883038
Burn	3.866655	0.237384	16.288577	0.000	0.309656	0.492687
Lime	0.252092	0.039189	6.432762	0.000	0.088120	0.113603
Trans	0.404444	0.053794	7.518423	0.000	0.142052	0.359769

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	37.33	37.02	0.000	0.000	0.6059	0.003160	0.3910
br	1.660	0.7688	0.000	0.000	0.1509	0.007870	0.8412
cu	1.470	0.4738	0.000	0.09617	0.8978	0.002660	0.003415
fe	21.73	25.72	0.4815	0.4853	0.03007	0.0004019	0.002784
k	27.10	27.43	0.08638	0.06987	0.8317	0.01194	7.373E-05
mn	0.7700	0.3189	0.5931	0.1982	0.04849	0.01186	0.1484
na	10.06	10.06	0.000	0.000	0.09228	0.9077	0.000
pb	0.9200	2.821	0.000	0.01876	0.04113	0.001609	0.9385
v	0.000	0.2785	0.5215	0.4169	0.000	0.06156	0.000
zn	1.660	0.2053	0.2978	0.4939	0.000	0.007367	0.2009
si	82.00	81.14	0.5534	0.4317	0.01430	0.0001181	0.0004486
al	34.49	33.64	0.2749	0.6850	0.03908	0.0004796	0.0004689
ca	10.71	10.04	0.6546	0.1808	0.1540	0.008586	0.002054
ti	2.860	3.242	0.5553	0.4384	0.005964	0.0003111	0.000
zr	0.000	0.1147	0.000	0.9736	0.000	0.02637	0.000
ni	0.2700	0.1401	0.4227	0.5139	0.000	0.05757	0.005772
as	0.3200	0.1198	0.000	0.9937	0.000	0.006313	0.000
se	0.2600	0.05367	0.000	0.9859	0.000	0.01409	0.000

tahoma woods
225.3 8.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	8945.901	Degrees of freedom:	15
R-squared:	0.952	Rbar-squared:	0.945
Residual SS:	433.570	Std error of est:	5.376
F(3,15):	98.165	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.719335	0.215415	17.265890	0.000	0.893795	0.902847
Burn	1.096534	0.898487	1.220423	0.241	0.087026	0.384457
Trans	0.908118	0.204043	4.450628	0.000	0.316095	0.379509

	Measured	Predicted	Soil	Burn	Trans
b_{abs}	39.83	38.85	0.000	0.1637	0.8363
br	0.8000	1.485	0.000	0.02215	0.9778
cu	1.080	0.1243	0.000	0.9708	0.02923
fe	21.31	24.48	0.9845	0.008958	0.006566
k	11.22	11.09	0.4160	0.5836	0.0004096
mn	0.7500	0.4789	0.7690	0.009160	0.2219
na	0.000	0.2632	0.000	1.000	0.000
pb	0.8500	5.977	0.000	0.005504	0.9945
v	0.000	0.2827	1.000	0.000	0.000
zn	5.170	0.2116	0.5623	0.000	0.4377
si	92.77	87.82	0.9953	0.003746	0.0009307
al	0.000	18.41	0.9778	0.02025	0.001924
ca	10.93	13.28	0.9635	0.03303	0.003488
ti	4.530	3.509	0.9984	0.001562	0.000
zr	0.000	0.000	-NAN	-NAN	-NAN
ni	0.2100	0.1171	0.9845	0.000	0.01551
as	0.000	0.000	-NAN	-NAN	-NAN
se	0.1400	0.000	-NAN	-NAN	-NAN

tahoma woods
225.8 8.000 13.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6231.818	Degrees of freedom:	14
R-squared:	0.995	Rbar-squared:	0.994
Residual SS:	30.190	Std error of est:	1.468
F(4,14):	718.974	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.426962	0.159365	2.679149	0.018	0.113272	0.397633
Coal fired	0.765703	0.134273	5.702593	0.000	0.241117	0.406652
Burn	7.285848	0.177985	40.935086	0.000	0.638365	0.709410
Lime	1.600782	0.040606	39.422249	0.000	0.612197	0.654500

	Measured	Predicted	Soil	Coal fired	Burn	Lime
b_{abs}	41.71	43.00	0.000	0.000	0.9827	0.01727
br	0.7600	0.2570	0.000	0.000	0.8505	0.1495
cu	0.000	0.8332	0.000	0.02849	0.9619	0.009606
fe	10.18	10.79	0.2564	0.6025	0.1350	0.006082
k	47.56	46.59	0.01136	0.02143	0.9226	0.04463
mn	0.5900	0.1283	0.3293	0.2565	0.2271	0.1871
na	59.65	59.71	0.000	0.000	0.02928	0.9707
pb	0.6800	0.2750	0.000	0.1003	0.7950	0.1048
v	0.000	0.2018	0.1608	0.2998	0.000	0.5394
zn	1.570	0.07610	0.1795	0.6943	0.000	0.1262
si	29.74	30.53	0.3286	0.5978	0.07159	0.001992
al	17.73	16.65	0.1241	0.7210	0.1488	0.006153
ca	10.54	5.876	0.2499	0.1609	0.4960	0.09317
ti	1.230	1.185	0.3393	0.6246	0.03073	0.005401
zr	0.000	0.07740	0.000	0.7518	0.000	0.2482
ni	0.000	0.1020	0.1298	0.3679	0.000	0.5023
as	0.2100	0.06682	0.000	0.9281	0.000	0.07187
se	0.2100	0.03237	0.000	0.8516	0.000	0.1484

tahoma woods
226.3 8.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	26785.244	Degrees of freedom:	14
R-squared:	0.994	Rbar-squared:	0.993
Residual SS:	159.166	Std error of est:	3.372
F(4,14):	585.497	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	4.581372	0.365957	12.518890	0.000	0.607774	0.866196
Coal fired	1.549769	0.308348	5.026041	0.000	0.244033	0.841184
Burn	7.811854	0.563673	13.858834	0.000	0.342261	0.544792
Trans	0.953917	0.127984	7.453389	0.000	0.183299	0.422139

	Measured	Predicted	Soil	Coal fired	Burn	Trans
b_{abs}	80.50	79.44	0.000	0.000	0.5703	0.4297
br	1.300	1.760	0.000	0.000	0.1332	0.8668
cu	0.8100	0.9112	0.000	0.05273	0.9431	0.004188
fe	34.96	44.58	0.6660	0.2952	0.03505	0.003788
k	52.77	53.80	0.1056	0.03757	0.8567	8.866E-05
mn	0.7600	0.6631	0.6840	0.1005	0.04713	0.1683
na	0.000	1.875	0.000	0.000	1.000	0.000
pb	0.9800	6.534	0.000	0.008539	0.03587	0.9556
v	0.000	0.4706	0.7398	0.2602	0.000	0.000
zn	3.870	0.3508	0.4179	0.3048	0.000	0.2773
si	148.9	147.0	0.7322	0.2512	0.01594	0.0005839
al	51.48	49.17	0.4510	0.4942	0.05402	0.0007567
ca	23.65	20.85	0.7560	0.09181	0.1499	0.002334
ti	5.090	5.853	0.7373	0.2560	0.006673	0.000
zr	0.000	0.1178	0.000	1.000	0.000	0.000
ni	0.000	0.2199	0.6459	0.3454	0.000	0.008677
as	0.000	0.1255	0.000	1.000	0.000	0.000
se	0.1600	0.05579	0.000	1.000	0.000	0.000

tahoma woods
226.8 8.000 14.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	46968.111	Degrees of freedom:	14
R-squared:	0.857	Rbar-squared:	0.826
Residual SS:	6728.889	Std error of est:	21.923
F(4,14):	20.930	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.886888	2.379316	1.213327	0.245	0.291557	0.433197
Coal fired	0.597004	2.004799	0.297788	0.770	0.071566	0.419419
Burn	23.954930	2.661662	8.999991	0.000	0.798998	0.849282
Kraft	1.981763	0.865360	2.290102	0.038	0.202511	0.279006

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b^{abs}	80.91	139.0	0.000	0.000	0.9994	0.0005987
br	1.610	0.8296	0.000	0.000	0.8662	0.1338
cu	1.740	2.656	0.000	0.006969	0.9923	0.0007463
fe	26.08	28.85	0.6484	0.1757	0.1661	0.009823
k	207.1	149.7	0.02392	0.005201	0.9443	0.02661
mn	1.140	0.4271	0.6692	0.06010	0.2243	0.04640
na	51.55	55.99	0.000	0.000	0.1027	0.8973
pb	1.480	0.7718	0.000	0.02785	0.9311	0.04108
v	0.000	0.2705	0.8110	0.1743	0.000	0.01465
zn	3.430	0.1613	0.5727	0.2554	0.000	0.1720
si	87.31	89.69	0.7564	0.1587	0.08012	0.004839
al	32.77	32.42	0.4311	0.2888	0.2513	0.02892
ca	20.94	20.38	0.4874	0.03619	0.4703	0.006128
ti	2.230	3.430	0.7928	0.1683	0.03492	0.004044
zr	0.6700	0.06321	0.000	0.7178	0.000	0.2822
ni	0.2900	0.1683	0.5318	0.1738	0.000	0.2944
as	0.000	0.05430	0.000	0.8905	0.000	0.1095
se	0.1200	0.02744	0.000	0.7833	0.000	0.2167

tahoma woods
227.3 8.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	11486.070	Degrees of freedom:	15
R-squared:	0.973	Rbar-squared:	0.970
Residual SS:	305.134	Std error of est:	4.510
F(3,15):	183.214	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.638420	0.180140	14.646523	0.000	0.517976	0.574593
Burn	9.349565	0.546559	17.106243	0.000	0.606196	0.684425
Lime	1.760939	0.124716	14.119553	0.000	0.498352	0.539516

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	53.62	55.04	0.000	0.9852	0.01484
br	1.140	0.3227	0.000	0.8691	0.1309
cu	0.000	1.037	0.000	0.9915	0.008488
fe	20.81	19.04	0.8980	0.09821	0.003792
k	62.69	60.72	0.05388	0.9084	0.03767
mn	1.570	0.3250	0.8037	0.1151	0.08127
na	65.95	66.01	0.000	0.03399	0.9660
pb	0.6900	0.3122	0.000	0.8985	0.1015
v	0.000	0.3203	0.6261	0.000	0.3739
zn	4.630	0.09500	0.8888	0.000	0.1112
si	67.14	64.87	0.9557	0.04324	0.001031
al	0.000	16.06	0.7951	0.1979	0.007017
ca	16.39	13.42	0.6764	0.2787	0.04488
ti	2.670	2.539	0.9788	0.01841	0.002774
zr	0.000	0.02113	0.000	0.000	1.000
ni	0.000	0.1381	0.5921	0.000	0.4079
as	0.000	0.005283	0.000	0.000	1.000
se	0.000	0.00528	0.000	0.000	1.000

tahoma woods
227.8 8.000 15.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4523.660	Degrees of freedom:	13
R-squared:	0.994	Rbar-squared:	0.993
Residual SS:	25.118	Std error of est:	1.390
F(5,13):	465.658	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.084245	0.150864	7.186896	0.000	0.345270	0.397438
Coal fired	0.052815	0.127116	0.415490	0.685	0.019963	0.374576
Burn	3.124242	0.233046	13.406114	0.000	0.328573	0.489789
Lime	1.731196	0.038472	44.998269	0.000	0.794701	0.818834
Trans	0.244972	0.052811	4.638685	0.000	0.112993	0.350546

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	27.76	27.69	0.000	0.000	0.6544	0.02901	0.3166
br	1.150	0.5270	0.000	0.000	0.1779	0.07884	0.7433
cu	1.230	0.3549	0.000	0.004613	0.9682	0.02439	0.002761
fe	11.58	8.214	0.8554	0.05460	0.07608	0.008642	0.005279
k	21.81	22.10	0.06085	0.003117	0.8342	0.1018	5.543E-05
mn	1.100	0.1767	0.6073	0.01285	0.07071	0.1469	0.1622
na	63.42	63.44	0.000	0.000	0.01182	0.9882	0.000
pb	1.070	1.730	0.000	0.001099	0.05417	0.01801	0.9267
v	0.4400	0.2043	0.4033	0.02042	0.000	0.5762	0.000
zn	1.570	0.07371	0.4707	0.04944	0.000	0.1409	0.3390
si	26.47	27.76	0.9177	0.04535	0.03376	0.002369	0.0007941
al	7.150	7.258	0.7230	0.1141	0.1463	0.01526	0.001316
ca	8.000	5.649	0.6602	0.01155	0.2212	0.1048	0.002212
ti	2.400	1.095	0.9328	0.04664	0.01427	0.006324	0.000
zr	0.000	0.02479	0.000	0.1619	0.000	0.8381	0.000
ni	0.000	0.09209	0.3650	0.02810	0.000	0.6016	0.005320
as	0.000	0.009472	0.000	0.4517	0.000	0.5483	0.000
se	0.2000	0.007095	0.000	0.2680	0.000	0.7320	0.000

tahoma woods
228.3 8.000 16.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	6078.619	Degrees of freedom:	13
R-squared:	0.996	Rbar-squared:	0.994
Residual SS:	26.691	Std error of est:	1.433
F(5,13):	589.518	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.447599	0.155519	9.308210	0.000	0.384808	0.577247
Coal fired	0.511180	0.131037	3.901029	0.002	0.161289	0.561623
Burn	4.997518	0.240236	20.802547	0.000	0.438739	0.534910
Lime	1.705503	0.039659	43.003720	0.000	0.653543	0.684137
Trans	0.020317	0.054440	0.373197	0.715	0.007823	0.320099

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	30.53	30.50	0.000	0.000	0.9502	0.02594	0.02383
br	0.6300	0.2233	0.000	0.000	0.6713	0.1833	0.1455
cu	0.4900	0.5742	0.000	0.02760	0.9574	0.01485	0.0001415
fe	15.31	14.79	0.6341	0.2934	0.06756	0.004727	0.0002431
k	33.88	34.16	0.05254	0.01951	0.8631	0.06485	2.974E-06
mn	0.8600	0.2132	0.6721	0.1031	0.09374	0.1200	0.01115
na	62.93	62.96	0.000	0.000	0.01905	0.9809	0.000
pb	0.000	0.3320	0.000	0.05543	0.4516	0.09247	0.4005
v	0.000	0.2664	0.4130	0.1516	0.000	0.4354	0.000
zn	3.410	0.09390	0.4933	0.3756	0.000	0.1090	0.02207
si	46.95	47.77	0.7121	0.2551	0.03139	0.001357	3.828E-05
al	17.49	16.83	0.4163	0.4762	0.1010	0.006485	4.708E-05
ca	11.82	8.194	0.6077	0.07704	0.2439	0.07118	0.0001264
ti	2.370	1.890	0.7216	0.2616	0.01322	0.003610	0.000
zr	0.000	0.05932	0.000	0.6550	0.000	0.3450	0.000
ni	0.000	0.1245	0.3603	0.2011	0.000	0.4382	0.0003263
as	0.3100	0.04652	0.000	0.8900	0.000	0.1100	0.000
se	0.09000	0.02352	0.000	0.7825	0.000	0.2175	0.000

tahoma woods
228.8 8.000 16.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	13779.831	Degrees of freedom:	14
R-squared:	0.977	Rbar-squared:	0.972
Residual SS:	313.861	Std error of est:	4.735
F(4,14):	150.165	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.526667	0.513865	2.970948	0.010	0.274548	0.442462
Coal fired	0.458886	0.432980	1.059831	0.307	0.097952	0.432333
Burn	13.316840	0.574844	23.166008	0.000	0.790919	0.854419
Kraft	1.889320	0.186893	10.109077	0.000	0.343781	0.419850

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	65.05	77.32	0.000	0.000	0.9990	0.001026
br	1.920	0.5053	0.000	0.000	0.7906	0.2094
cu	0.8500	1.481	0.000	0.009606	0.9891	0.001276
fe	15.05	16.72	0.5916	0.2330	0.1593	0.01616
k	96.89	84.86	0.02231	0.007052	0.9259	0.04475
mn	1.840	0.2430	0.6219	0.08119	0.2192	0.07774
na	50.15	51.09	0.000	0.000	0.06256	0.9374
pb	2.160	0.4463	0.000	0.03702	0.8952	0.06774
v	0.000	0.1561	0.7435	0.2323	0.000	0.02421
zn	2.060	0.1070	0.4567	0.2960	0.000	0.2473
si	50.71	51.22	0.7004	0.2135	0.07799	0.008077
al	20.58	20.01	0.3694	0.3596	0.2263	0.04467
ca	12.84	11.26	0.4662	0.05031	0.4729	0.01057
ti	1.520	1.962	0.7331	0.2262	0.03394	0.006742
zr	0.000	0.05188	0.000	0.6722	0.000	0.3278
ni	0.2300	0.1170	0.4043	0.1921	0.000	0.4035
as	0.000	0.04284	0.000	0.8677	0.000	0.1323
se	0.1500	0.02219	0.000	0.7445	0.000	0.2555

tahoma woods
229.3 8.000 17.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	189786.318	Degrees of freedom:	15
R-squared:	0.656	Rbar-squared:	0.611
Residual SS:	65193.941	Std error of est:	65.926
F(3,15):	9.556	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.729205	2.633222	0.276925	0.786	0.039733	0.114328
Burn	45.395916	8.002638	5.672619	0.000	0.816908	0.827758
Kraft	1.512448	2.601986	0.581267	0.570	0.083384	0.155520

	Measured	Predicted	Soil	Burn	Kraft
b_{abs}	82.70	263.4	0.000	0.9998	0.0002412
br	2.120	1.447	0.000	0.9414	0.05855
cu	0.3500	4.995	0.000	0.9997	0.0003028
fe	9.530	14.02	0.3370	0.6476	0.01543
k	451.0	271.8	0.003327	0.9855	0.01119
mn	0.9700	0.2689	0.2685	0.6753	0.05625
na	35.61	49.24	0.000	0.2213	0.7787
pb	0.8900	1.386	0.000	0.9825	0.01746
v	0.5500	0.05844	0.9482	0.000	0.05176
zn	3.950	0.04451	0.5243	0.000	0.4757
si	25.03	31.09	0.5512	0.4381	0.01066
al	7.960	19.68	0.1793	0.7843	0.03635
ca	22.46	20.76	0.1208	0.8746	0.004589
ti	0.7000	0.9245	0.7430	0.2455	0.01145
zr	0.000	0.01361	0.000	0.000	1.000
ni	0.1200	0.06042	0.3742	0.000	0.6258
as	0.3100	0.004537	0.000	0.000	1.000
se	0.06000	0.004537	0.000	0.000	1.000

tahoma woods
229.8 8.000 17.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	25325.741	Degrees of freedom:	15
R-squared:	0.655	Rbar-squared:	0.609
Residual SS:	8747.039	Std error of est:	24.148
F(3,15):	9.477	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.604158	0.812705	0.743392	0.469	0.104987	0.180131
Burn	16.704535	2.931404	5.698476	0.000	0.807681	0.825923
Kraft	0.676017	0.953136	0.709256	0.489	0.100140	0.173072

	Measured	Predicted	Coal fired	Burn	Kraft
b_{abs}	30.61	96.91	0.000	0.9997	0.0002930
br	0.8900	0.5390	0.000	0.9298	0.07024
cu	0.6800	1.857	0.01009	0.9895	0.0003641
fe	7.110	8.567	0.5988	0.3900	0.01128
k	166.0	100.7	0.007823	0.9787	0.01349
mn	1.400	0.09956	0.2609	0.6712	0.06790
na	16.08	21.15	0.000	0.1896	0.8104
pb	0.000	0.5337	0.04075	0.9390	0.02027
v	0.000	0.04908	0.9725	0.000	0.02755
zn	3.370	0.05115	0.8150	0.000	0.1850
si	15.07	19.56	0.7362	0.2562	0.007569
al	17.20	15.47	0.6122	0.3671	0.02067
ca	11.89	7.471	0.09988	0.8944	0.005701
ti	2.150	0.6725	0.8688	0.1242	0.007037
zr	0.000	0.05200	0.8830	0.000	0.1170
ni	0.000	0.04650	0.6366	0.000	0.3634
as	1.130	0.05096	0.9602	0.000	0.03979
se	0.000	0.02378	0.9147	0.000	0.08529

tahoma woods
230.3 8.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	42421.466	Degrees of freedom:	15
R-squared:	0.664	Rbar-squared:	0.620
Residual SS:	14236.531	Std error of est:	30.808
F(3,15):	9.899	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.979666	1.230512	0.796145	0.438	0.110662	0.184770
Burn	21.308146	3.739656	5.697889	0.000	0.794915	0.819596
Kraft	1.477741	1.215916	1.215332	0.243	0.168896	0.240337

	Measured	Predicted	Soil	Burn	Kraft
b_{abs}	40.08	123.6	0.000	0.9995	0.0005019
br	0.9100	0.7220	0.000	0.8854	0.1146
cu	0.7300	2.345	0.000	0.9994	0.0006301
fe	7.500	10.82	0.5866	0.3938	0.01953
k	213.2	129.9	0.009351	0.9678	0.02287
mn	0.8900	0.1970	0.4923	0.4327	0.07501
na	36.28	42.57	0.000	0.1201	0.8799
pb	1.430	0.6629	0.000	0.9643	0.03567
v	0.7000	0.07741	0.9618	0.000	0.03818
zn	13.48	0.05204	0.6024	0.000	0.3976
si	28.42	29.74	0.7742	0.2150	0.01088
al	5.110	12.69	0.3738	0.5711	0.05510
ca	8.000	11.99	0.2812	0.7111	0.007767
ti	0.000	1.040	0.8876	0.1025	0.009949
zr	0.000	0.01330	0.000	0.000	1.000
ni	0.000	0.06731	0.4512	0.000	0.5488
as	0.7200	0.004433	0.000	0.000	1.000
se	0.1500	0.004433	0.000	0.000	1.000

tahoma woods
230.8 8.000 18.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	19411.572	Degrees of freedom:	14
R-squared:	0.907	Rbar-squared:	0.887
Residual SS:	1810.658	Std error of est:	11.372
F(4,14):	34.023	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.163157	1.234238	0.132192	0.897	0.025761	0.203588
Coal fired	0.541266	1.039962	0.520467	0.611	0.101438	0.210795
Burn	16.839708	1.380700	12.196498	0.000	0.878108	0.913901
Kraft	1.740803	0.448894	3.877986	0.002	0.278105	0.357565

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	69.45	97.74	0.000	0.000	0.9993	0.0007480
br	1.630	0.6027	0.000	0.000	0.8382	0.1618
cu	0.6100	1.871	0.000	0.008969	0.9901	0.0009305
fe	7.180	9.270	0.1141	0.4958	0.3633	0.02685
k	131.8	103.8	0.001950	0.006802	0.9575	0.03372
mn	1.430	0.1242	0.1301	0.1874	0.5424	0.1402
na	46.00	48.17	0.000	0.000	0.08390	0.9161
pb	7.300	0.5525	0.000	0.03527	0.9143	0.05041
v	0.000	0.05864	0.2115	0.7292	0.000	0.05937
zn	12.76	0.06694	0.07800	0.5579	0.000	0.3641
si	21.25	22.17	0.1729	0.5820	0.2279	0.01720
al	15.91	15.83	0.04990	0.5363	0.3618	0.05203
ca	7.610	8.075	0.06950	0.08278	0.8341	0.01358
ti	1.890	0.7735	0.1987	0.6767	0.1089	0.01575
zr	0.4000	0.05680	0.000	0.7242	0.000	0.2758
ni	0.1600	0.07510	0.06735	0.3532	0.000	0.5795
as	1.470	0.04906	0.000	0.8936	0.000	0.1064
se	0.08000	0.02471	0.000	0.7886	0.000	0.2114

tahoma woods
231.3 8.000 19.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	4990.760	Degrees of freedom:	14
R-squared:	0.936	Rbar-squared:	0.922
Residual SS:	319.629	Std error of est:	4.778
F(4,14):	51.150	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.224216	0.161315	1.389924	0.186	0.079825	0.159629
Burn	7.725311	0.804121	9.607155	0.000	0.765265	0.848998
Kraft	1.580285	0.189196	8.352643	0.000	0.479597	0.548366
Trans	0.115721	0.181926	0.636087	0.535	0.050275	0.577843

	Measured	Predicted	Coal fired	Burn	Kraft	Trans
b_{abs}	48.64	49.01	0.000	0.9142	0.001354	0.08448
br	1.360	0.5053	0.000	0.4587	0.1751	0.3662
cu	0.000	0.8588	0.008094	0.9895	0.001840	0.0005390
fe	10.21	3.695	0.5152	0.4181	0.06115	0.005543
k	48.83	49.05	0.005961	0.9293	0.06476	1.180E-05
mn	1.260	0.06988	0.1380	0.4422	0.2261	0.1937
na	41.79	41.91	0.000	0.04423	0.9558	0.000
pb	2.530	1.023	0.007894	0.2267	0.02473	0.7407
v	0.000	0.02087	0.8486	0.000	0.1514	0.000
zn	10.87	0.04940	0.3132	0.000	0.4479	0.2389
si	0.000	8.019	0.6665	0.2890	0.04316	0.001299
al	15.12	6.894	0.5099	0.3810	0.1084	0.0006546
ca	8.030	3.472	0.07974	0.8899	0.02867	0.001700
ti	0.8500	0.2665	0.8136	0.1449	0.04151	0.000
zr	0.000	0.03126	0.5451	0.000	0.4549	0.000
ni	0.4600	0.05073	0.2166	0.000	0.7788	0.004563
as	1.240	0.02290	0.7930	0.000	0.2070	0.000
se	0.1300	0.01281	0.6300	0.000	0.3700	0.000

tahoma woods
232.3 8.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	4450.306	Degrees of freedom:	14
R-squared:	0.991	Rbar-squared:	0.990
Residual SS:	38.127	Std error of est:	1.650
F(4,14):	405.027	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.480299	0.066123	22.387111	0.000	0.458197	0.525525
Burn	7.182376	0.276592	25.967423	0.000	0.734223	0.845311
Lime	0.610580	0.045676	13.367698	0.000	0.272441	0.322481
Trans	0.170746	0.062690	2.723648	0.016	0.076552	0.586809

	Measured	Predicted	Soil	Burn	Kraft	Trans
b_{abs}	47.72	48.05	0.000	0.8670	0.005896	0.1271
br	1.180	0.5031	0.000	0.4282	0.02912	0.5426
cu	0.4600	0.7938	0.000	0.9953	0.003846	0.0008604
fe	9.440	11.08	0.8654	0.1296	0.002259	0.002727
k	45.29	45.01	0.04079	0.9416	0.01762	1.897E-05
mn	1.470	0.2044	0.7169	0.1405	0.04480	0.09773
na	23.81	23.83	0.000	0.07233	0.9277	0.000
pb	2.920	1.344	0.000	0.1603	0.008177	0.8315
v	0.7000	0.1540	0.7304	0.000	0.2696	0.000
zn	5.140	0.06845	0.6920	0.000	0.05352	0.2544
si	37.32	36.98	0.9407	0.05827	0.0006274	0.0004155
al	9.010	9.652	0.7423	0.2530	0.004048	0.0006899
ca	9.840	8.183	0.6223	0.3511	0.02552	0.001064
ti	0.7800	1.433	0.9732	0.02506	0.001705	0.000
zr	0.000	0.007327	0.000	0.000	1.000	0.000
ni	0.4500	0.06577	0.6977	0.000	0.2971	0.005192
as	0.8300	0.001832	0.000	0.000	1.000	0.000
se	0.1600	0.001832	0.000	0.000	1.000	0.000

tahoma woods
232.8 8.000 20.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	24532.763	Degrees of freedom:	14
R-squared:	0.955	Rbar-squared:	0.946
Residual SS:	1093.365	Std error of est:	8.837
F(4,14):	75.032	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	3.228159	0.354091	9.116746	0.000	0.425809	0.493607
Burn	16.972049	1.481164	11.458592	0.000	0.739352	0.846241
Lime	1.454497	0.244596	5.946519	0.000	0.276567	0.326754
Trans	0.388786	0.335709	1.158103	0.266	0.074280	0.587988

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	111.1	113.0	0.000	0.8709	0.005971	0.1231
br	2.670	1.166	0.000	0.4368	0.02994	0.5333
cu	1.330	1.876	0.000	0.9953	0.003877	0.0008291
fe	39.91	24.44	0.8559	0.1389	0.002440	0.002816
k	108.7	106.0	0.03775	0.9444	0.01782	1.833E-05
mn	3.780	0.4548	0.7027	0.1493	0.04797	0.1000
na	56.69	56.74	0.000	0.07179	0.9282	0.000
pb	12.49	3.080	0.000	0.1653	0.008500	0.8262
v	2.850	0.3442	0.7127	0.000	0.2873	0.000
zn	16.27	0.1517	0.6810	0.000	0.05753	0.2614
si	81.30	81.04	0.9361	0.06283	0.0006820	0.0004318
al	0.000	21.50	0.7266	0.2684	0.004329	0.0007051
ca	16.81	18.41	0.6032	0.3687	0.02702	0.001077
ti	2.040	3.132	0.9710	0.02710	0.001858	0.000
zr	0.000	0.01745	0.000	0.000	1.000	0.000
ni	1.780	0.1474	0.6789	0.000	0.3158	0.005275
as	2.510	0.004363	0.000	0.000	1.000	0.000
se	0.4200	0.004363	0.000	0.000	1.000	0.000

tahoma woods
233.3 8.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	777.683	Degrees of freedom:	14
R-squared:	0.976	Rbar-squared:	0.971
Residual SS:	18.592	Std error of est:	1.152
F(4,14):	142.902	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.298205	0.125074	2.384226	0.032	0.234425	0.343576
Coal fired	0.057616	0.105385	0.546721	0.593	0.053761	0.331587
Burn	2.481531	0.192648	12.881168	0.000	0.644267	0.918847
Trans	0.317619	0.043742	7.261275	0.000	0.361659	0.805915

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	25.94	25.76	0.000	0.000	0.5588	0.4412
br	0.3700	0.5823	0.000	0.000	0.1278	0.8722
cu	0.6900	0.2760	0.000	0.006471	0.9889	0.004603
fe	1.750	2.974	0.6497	0.1645	0.1669	0.01890
k	14.70	15.09	0.02451	0.004980	0.9704	0.0001053
mn	0.4100	0.07909	0.3733	0.03133	0.1255	0.4699
na	0.000	0.5956	0.000	0.000	1.000	0.000
pb	1.170	2.155	0.000	0.0009623	0.03454	0.9645
v	0.4200	0.02722	0.8328	0.1672	0.000	0.000
zn	1.330	0.04592	0.2078	0.08658	0.000	0.7056
si	8.780	9.154	0.7655	0.1500	0.08132	0.003123
al	4.140	3.203	0.4506	0.2821	0.2634	0.003868
ca	5.540	2.106	0.4871	0.03379	0.4714	0.007692
ti	1.150	0.3490	0.8048	0.1596	0.03555	0.000
zr	0.000	0.004379	0.000	1.000	0.000	0.000
ni	0.000	0.01270	0.7277	0.2222	0.000	0.05001
as	0.000	0.004667	0.000	1.000	0.000	0.000
se	0.000	0.002074	0.000	1.000	0.000	0.000

tahoma woods
233.8 8.000 21.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	222.958	Degrees of freedom:	15
R-squared:	0.983	Rbar-squared:	0.981
Residual SS:	3.692	Std error of est:	0.496
F(3,15):	296.954	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.201931	0.019815	10.190893	0.000	0.290554	0.362299
Burn	1.635335	0.060120	27.201285	0.000	0.777120	0.832570
Lime	0.222050	0.013718	16.186265	0.000	0.460577	0.511598

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	9.313	9.588	0.000	0.9893	0.01075
br	0.000	0.05439	0.000	0.9020	0.09798
cu	0.4000	0.1810	0.000	0.9939	0.006134
fe	1.750	1.645	0.7956	0.1989	0.005535
k	10.47	10.19	0.02458	0.9471	0.02831
mn	0.000	0.02986	0.6694	0.2190	0.1115
na	8.420	8.433	0.000	0.04654	0.9535
pb	0.000	0.05306	0.000	0.9247	0.07533
v	0.000	0.03045	0.5041	0.000	0.4959
zn	0.3800	0.007794	0.8291	0.000	0.1709
si	5.390	5.244	0.9048	0.09355	0.001609
al	0.000	1.548	0.6315	0.3593	0.009183
ca	2.360	1.425	0.4876	0.4591	0.05330
ti	0.000	0.1993	0.9545	0.04103	0.004457
zr	0.000	0.002665	0.000	0.000	1.000
ni	0.000	0.01337	0.4684	0.000	0.5316
as	0.000	0.0006661	0.000	0.000	1.000
se	0.000	0.0006661	0.000	0.000	1.000

tahoma woods
234.3 8.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	1061.753	Degrees of freedom:	14
R-squared:	0.937	Rbar-squared:	0.923
Residual SS:	67.096	Std error of est:	2.189
F(4,14):	51.886	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Coal fired	0.079946	0.073908	1.081695	0.298	0.062709	0.102468
Burn	1.805244	0.366958	4.919481	0.000	0.393993	0.697090
Lime	0.672085	0.060592	11.091944	0.000	0.640246	0.670426
Trans	0.389664	0.083166	4.685386	0.000	0.372983	0.652367

	Measured	Predicted	Coal fired	Burn	Lime	Trans
b_{abs}	25.05	24.73	0.000	0.4235	0.01261	0.5639
br	0.5300	0.6934	0.000	0.07811	0.02326	0.8986
cu	1.220	0.2060	0.01203	0.9641	0.01631	0.007567
fe	4.590	1.136	0.5973	0.3177	0.02425	0.06069
k	10.88	11.63	0.008964	0.9158	0.07507	0.0001675
mn	0.8300	0.06633	0.05183	0.1089	0.1520	0.6873
na	24.74	24.77	0.000	0.01749	0.9825	0.000
pb	0.7100	2.619	0.001099	0.02067	0.004618	0.9736
v	0.000	0.05202	0.1214	0.000	0.8786	0.000
zn	3.620	0.04929	0.1119	0.000	0.08180	0.8063
si	0.000	2.508	0.7599	0.2160	0.01018	0.01398
al	3.430	1.925	0.6510	0.3188	0.02234	0.007893
ca	6.180	1.071	0.09223	0.6745	0.2147	0.01856
ti	1.430	0.08902	0.8684	0.1014	0.03020	0.000
zr	0.000	0.01414	0.4297	0.000	0.5703	0.000
ni	0.000	0.02620	0.1495	0.000	0.8208	0.02974
as	0.000	0.008492	0.7626	0.000	0.2374	0.000
se	0.07000	0.004894	0.5880	0.000	0.4120	0.000

tahoma woods
234.8 8.000 22.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	3867.331	Degrees of freedom:	15
R-squared:	0.981	Rbar-squared:	0.978
Residual SS:	74.133	Std error of est:	2.223
F(3,15):	255.838	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.769900	0.088791	8.670927	0.000	0.264057	0.319839
Burn	5.176004	0.269399	19.213138	0.000	0.586293	0.654707
Lime	1.416946	0.061473	23.049976	0.000	0.700557	0.739260

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	27.85	30.68	0.000	0.9786	0.02143
br	1.670	0.1893	0.000	0.8203	0.1797
cu	2.480	0.5764	0.000	0.9877	0.01229
fe	4.380	6.082	0.8202	0.1702	0.009552
k	35.77	33.33	0.02864	0.9161	0.05522
mn	0.3900	0.1182	0.6450	0.1752	0.1798
na	52.44	52.55	0.000	0.02364	0.9764
pb	1.050	0.1808	0.000	0.8589	0.1411
v	0.000	0.1549	0.3778	0.000	0.6222
zn	2.720	0.03314	0.7435	0.000	0.2565
si	19.34	19.70	0.9184	0.07883	0.002733
al	4.520	5.577	0.6682	0.3156	0.01626
ca	11.65	5.203	0.5090	0.3979	0.09313
ti	0.000	0.7568	0.9583	0.03420	0.007489
zr	0.000	0.01700	0.000	0.000	1.000
ni	0.2000	0.06921	0.3449	0.000	0.6551
as	0.000	0.004251	0.000	0.000	1.000
se	0.1200	0.004251	0.000	0.000	1.000

tahoma woods
235.3 8.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	11454.351	Degrees of freedom:	14
R-squared:	0.994	Rbar-squared:	0.992
Residual SS:	73.232	Std error of est:	2.287
F(4,14):	543.938	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.581607	0.091640	17.258948	0.000	0.328301	0.354625
Burn	3.553169	0.383329	9.269232	0.000	0.243583	0.421294
Lime	2.829101	0.063302	44.691946	0.000	0.846543	0.865391
Trans	0.455636	0.086883	5.244279	0.000	0.136992	0.316602

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	38.56	38.22	0.000	0.5391	0.03434	0.4265
br	1.720	0.9031	0.000	0.1180	0.07519	0.8068
cu	0.000	0.4068	0.000	0.9607	0.03477	0.004480
fe	8.590	11.16	0.9187	0.06370	0.01040	0.007229
k	26.21	26.60	0.07372	0.7880	0.1381	8.564E-05
mn	0.8000	0.2665	0.5875	0.05332	0.1592	0.2000
na	103.3	103.3	0.000	0.008256	0.9917	0.000
pb	1.120	3.140	0.000	0.03395	0.01622	0.9498
v	0.5000	0.3126	0.3845	0.000	0.6155	0.000
zn	2.020	0.1141	0.4437	0.000	0.1488	0.4075
si	39.28	38.38	0.9684	0.02777	0.002801	0.001068
al	4.430	9.062	0.8447	0.1333	0.01998	0.001961
ca	13.59	7.853	0.6928	0.1810	0.1232	0.002959
ti	0.000	1.519	0.9809	0.01170	0.007450	0.000
zr	0.000	0.03395	0.000	0.000	1.000	0.000
ni	0.2000	0.1405	0.3490	0.000	0.6445	0.006487
as	0.000	0.008487	0.000	0.000	1.000	0.000
se	0.1800	0.008487	0.000	0.000	1.000	0.000

tahoma woods
235.8 8.000 23.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	9087.917	Degrees of freedom:	14
R-squared:	0.989	Rbar-squared:	0.987
Residual SS:	100.344	Std error of est:	2.677
F(4,14):	313.487	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.996988	0.107270	18.616463	0.000	0.456529	0.485622
Burn	3.672409	0.448710	8.184362	0.000	0.277268	0.524419
Lime	2.159721	0.074099	29.146368	0.000	0.711732	0.734565
Trans	0.706039	0.101701	6.942286	0.000	0.233789	0.435361

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	48.28	47.57	0.000	0.4478	0.02107	0.5311
br	1.770	1.291	0.000	0.08534	0.04015	0.8745
cu	0.000	0.4176	0.000	0.9674	0.02586	0.006763
fe	6.740	13.89	0.9317	0.05288	0.006376	0.008998
k	26.67	26.95	0.09188	0.8039	0.1041	0.0001310
mn	0.7500	0.3274	0.6039	0.04487	0.09895	0.2523
na	79.11	79.08	0.000	0.01114	0.9889	0.000
pb	0.9000	4.770	0.000	0.02310	0.008150	0.9688
v	0.000	0.2986	0.5082	0.000	0.4918	0.000
zn	1.420	0.1489	0.4292	0.000	0.08704	0.4837
si	51.24	48.18	0.9741	0.02287	0.001704	0.001319
al	6.950	11.08	0.8723	0.1127	0.01248	0.002485
ca	8.070	9.113	0.7538	0.1612	0.08105	0.003951
ti	0.000	1.908	0.9858	0.009623	0.004527	0.000
zr	0.000	0.02592	0.000	0.000	1.000	0.000
ni	0.000	0.1324	0.4675	0.000	0.5219	0.01066
as	0.3800	0.006479	0.000	0.000	1.000	0.000
se	0.2500	0.006479	0.000	0.000	1.000	0.000

tahoma woods
236.3 8.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	19242.008	Degrees of freedom:	14
R-squared:	0.974	Rbar-squared:	0.969
Residual SS:	498.681	Std error of est:	5.968
F(4,14):	131.550	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.710981	0.239135	11.336597	0.000	0.426025	0.452386
Burn	4.754365	1.000303	4.752924	0.000	0.246750	0.436957
Lime	3.463796	0.165188	20.968805	0.000	0.784670	0.804321
Trans	0.651022	0.226721	2.871466	0.012	0.148186	0.329576

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	52.93	52.48	0.000	0.5255	0.03063	0.4439
br	2.430	1.267	0.000	0.1126	0.06563	0.8218
cu	0.000	0.5429	0.000	0.9633	0.03190	0.004797
fe	13.84	18.78	0.9357	0.05064	0.007564	0.006137
k	35.42	35.92	0.09360	0.7810	0.1253	9.063E-05
mn	1.610	0.4155	0.6459	0.04577	0.1250	0.1833
na	126.5	126.6	0.000	0.009015	0.9910	0.000
pb	1.670	4.466	0.000	0.03194	0.01396	0.9541
v	0.000	0.4416	0.4666	0.000	0.5334	0.000
zn	4.930	0.1739	0.4987	0.000	0.1195	0.3818
si	67.63	65.32	0.9753	0.02183	0.002015	0.0008969
al	0.000	14.98	0.8756	0.1079	0.01479	0.001694
ca	26.91	12.45	0.7493	0.1528	0.09519	0.002668
ti	3.590	2.591	0.9855	0.009173	0.005347	0.000
zr	0.000	0.04157	0.000	0.000	1.000	0.000
ni	0.4200	0.1962	0.4284	0.000	0.5650	0.006637
as	0.000	0.01039	0.000	0.000	1.000	0.000
se	0.1600	0.01039	0.000	0.000	1.000	0.000

tahoma woods
236.8 8.000 24.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2254.966	Degrees of freedom:	15
R-squared:	0.958	Rbar-squared:	0.952
Residual SS:	94.876	Std error of est:	2.515
F(3,15):	113.838	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.460124	0.100768	14.489911	0.000	0.667627	0.717320
Burn	3.624834	0.420300	8.624388	0.000	0.547380	0.724088
Lime	0.256701	0.095448	2.689423	0.017	0.170010	0.549132

	Measured	Predicted	Soil	Burn	Lime
b_{abs}	30.39	30.21	0.000	0.6959	0.3041
br	1.530	0.5192	0.000	0.2094	0.7906
cu	0.6800	0.3998	0.000	0.9974	0.002569
fe	7.960	10.23	0.9247	0.07085	0.004441
k	23.30	23.20	0.07805	0.9219	5.533E-05
mn	0.9300	0.1891	0.7645	0.07668	0.1588
na	0.000	0.8700	0.000	1.000	0.000
pb	0.5700	1.789	0.000	0.06079	0.9392
v	0.6800	0.1110	1.000	0.000	0.000
zn	1.500	0.07291	0.6409	0.000	0.3591
si	37.25	35.42	0.9686	0.03070	0.0006522
al	0.000	8.309	0.8505	0.1483	0.001205
ca	9.610	6.486	0.7744	0.2236	0.002019
ti	2.430	1.394	0.9870	0.01301	0.000
zr	0.000	0.000	-NAN	-NAN	-NAN
ni	0.2200	0.04578	0.9888	0.000	0.01122
as	0.4000	0.000	-NAN	-NAN	-NAN
se	0.1000	0.000	-NAN	-NAN	-NAN

tahoma woods
237.3 8.000 25.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5387.554	Degrees of freedom:	14
R-squared:	0.987	Rbar-squared:	0.984
Residual SS:	72.443	Std error of est:	2.275
F(4,14):	256.793	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.670704	0.091145	7.358688	0.000	0.205133	0.233207
Burn	2.602568	0.381258	6.826268	0.000	0.262883	0.400523
Lime	2.020539	0.062960	32.092339	0.000	0.890836	0.909750
Trans	0.204624	0.086413	2.367979	0.033	0.090649	0.283606

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	23.35	23.35	0.000	0.6463	0.04014	0.3135
br	1.280	0.4538	0.000	0.1721	0.1069	0.7211
cu	0.6100	0.2972	0.000	0.9633	0.03399	0.002754
fe	5.890	4.986	0.8717	0.1044	0.01662	0.007264
k	18.60	18.81	0.04421	0.8162	0.1395	5.439E-05
mn	0.8200	0.1311	0.5066	0.07943	0.2313	0.1827
na	73.74	73.79	0.000	0.008465	0.9915	0.000
pb	1.190	1.454	0.000	0.05371	0.02502	0.9213
v	0.000	0.1884	0.2706	0.000	0.7294	0.000
zn	2.820	0.05446	0.3941	0.000	0.2226	0.3833
si	16.27	16.64	0.9473	0.04693	0.004615	0.001107
al	0.000	4.268	0.7605	0.2073	0.03030	0.001870
ca	10.62	4.050	0.5697	0.2571	0.1706	0.002577
ti	1.670	0.6529	0.9677	0.01993	0.01238	0.000
zr	0.000	0.02425	0.000	0.000	1.000	0.000
ni	0.000	0.08586	0.2422	0.000	0.7531	0.004767
as	0.000	0.006062	0.000	0.000	1.000	0.000
se	0.07000	0.006062	0.000	0.000	1.000	0.000

tahoma woods
237.8 8.000 25.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	3901.377	Degrees of freedom:	14
R-squared:	0.983	Rbar-squared:	0.980
Residual SS:	65.580	Std error of est:	2.164
F(4,14):	204.716	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.815217	0.086720	9.400580	0.000	0.279133	0.347012
Burn	6.487826	0.362749	17.885151	0.000	0.733659	0.894845
Lime	0.654372	0.059904	10.923734	0.000	0.322990	0.373320
Trans	0.338768	0.082218	4.120362	0.001	0.168013	0.677812

	Measured	Predicted	Soil	Burn	Lime	Trans
b_{abs}	50.13	50.05	0.000	0.7518	0.006066	0.2422
br	1.760	0.7520	0.000	0.2588	0.02088	0.7203
cu	0.000	0.7183	0.000	0.9936	0.004555	0.001887
fe	10.28	6.667	0.7924	0.1946	0.004024	0.008994
k	40.21	40.14	0.02518	0.9536	0.02118	4.220E-05
mn	1.030	0.1561	0.5170	0.1662	0.06288	0.2539
na	25.24	25.25	0.000	0.06166	0.9383	0.000
pb	1.630	2.424	0.000	0.08031	0.004860	0.9148
v	0.000	0.1065	0.5820	0.000	0.4180	0.000
zn	2.950	0.06457	0.4040	0.000	0.06081	0.5352
si	21.19	21.16	0.9054	0.09199	0.001175	0.001441
al	0.000	6.207	0.6357	0.3554	0.006748	0.002129
ca	7.140	5.641	0.4972	0.4601	0.03968	0.003063
ti	1.320	0.8030	0.9563	0.04040	0.003260	0.000
zr	0.2900	0.007852	0.000	0.000	1.000	0.000
ni	0.1900	0.04689	0.5390	0.000	0.4466	0.01445
as	0.3400	0.001963	0.000	0.000	1.000	0.000
se	0.000	0.001963	0.000	0.000	1.000	0.000

tahoma woods
238.3 8.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	2252.839	Degrees of freedom:	13
R-squared:	0.984	Rbar-squared:	0.979
Residual SS:	35.331	Std error of est:	1.649
F(5,13):	163.184	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.675619	0.178928	3.775931	0.002	0.292179	0.393784
Coal fired	0.084163	0.150761	0.558255	0.586	0.043202	0.376679
Burn	4.583076	0.276397	16.581500	0.000	0.654577	0.795928
Lime	0.799866	0.045629	17.529743	0.000	0.498645	0.543489
Trans	0.184352	0.062634	2.943304	0.011	0.115478	0.573359

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	33.42	33.55	0.000	0.000	0.7923	0.01106	0.1966
br	1.370	0.4515	0.000	0.000	0.3045	0.04252	0.6529
cu	0.000	0.5115	0.000	0.005101	0.9856	0.007819	0.001442
fe	5.740	6.075	0.7207	0.1176	0.1509	0.005399	0.005372
k	28.99	29.03	0.02886	0.003781	0.9315	0.03579	3.175E-05
mn	1.370	0.1224	0.5464	0.02957	0.1498	0.09802	0.1762
na	30.04	30.06	0.000	0.000	0.03659	0.9634	0.000
pb	1.720	1.362	0.000	0.002225	0.1010	0.01057	0.8862
v	0.5900	0.1124	0.4569	0.05916	0.000	0.4840	0.000
zn	5.110	0.05103	0.4237	0.1138	0.000	0.09405	0.3685
si	18.91	19.31	0.8224	0.1039	0.07122	0.001574	0.0008594
al	6.760	6.206	0.5269	0.2126	0.2511	0.008248	0.001158
ca	6.970	4.544	0.5114	0.02287	0.4034	0.06020	0.002069
ti	0.9100	0.7439	0.8555	0.1094	0.03080	0.004301	0.000
zr	0.000	0.01599	0.000	0.3999	0.000	0.6001	0.000
ni	0.000	0.05103	0.4104	0.08081	0.000	0.5016	0.007225
as	0.4700	0.009217	0.000	0.7397	0.000	0.2603	0.000
se	0.000	0.005429	0.000	0.5580	0.000	0.4420	0.000

tahoma woods
238.8 8.000 26.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	2090.368	Degrees of freedom:	14
R-squared:	0.956	Rbar-squared:	0.947
Residual SS:	91.280	Std error of est:	2.553
F(4,14):	76.652	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.392049	0.277121	1.414721	0.179	0.171022	0.507160
Coal fired	0.542368	0.233501	2.322769	0.036	0.280828	0.516382
Burn	5.517540	0.310006	17.798177	0.000	0.794902	0.854157
Kraft	0.481127	0.100789	4.773595	0.000	0.212360	0.290975

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	29.49	32.02	0.000	0.000	0.9994	0.0006310
br	1.440	0.1925	0.000	0.000	0.8600	0.1400
cu	0.5900	0.6242	0.000	0.02693	0.9723	0.0007708
fe	10.97	8.318	0.3054	0.5536	0.1327	0.008271
k	36.68	34.71	0.01400	0.02037	0.9378	0.02786
mn	1.280	0.08902	0.4360	0.2620	0.2479	0.05405
na	13.33	13.52	0.000	0.000	0.09794	0.9021
pb	1.940	0.1927	0.000	0.1013	0.8588	0.03994
v	0.4800	0.07361	0.4048	0.5821	0.000	0.01307
zn	3.300	0.05670	0.2212	0.6600	0.000	0.1188
si	21.77	23.90	0.3855	0.5409	0.06925	0.004408
al	13.49	12.50	0.1517	0.6800	0.1500	0.01820
ca	11.33	4.256	0.3169	0.1574	0.5186	0.007122
ti	2.120	0.9247	0.3994	0.5672	0.02983	0.003642
zr	0.000	0.04555	0.000	0.9049	0.000	0.09506
ni	0.1200	0.05076	0.2394	0.5236	0.000	0.2370
as	0.5000	0.04538	0.000	0.9682	0.000	0.03181
se	0.000	0.02097	0.000	0.9312	0.000	0.06884

tahoma woods
239.3 8.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	5853.320	Degrees of freedom:	13
R-squared:	0.977	Rbar-squared:	0.970
Residual SS:	133.339	Std error of est:	3.203
F(5,13):	111.535	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	0.598253	0.347597	1.721112	0.109	0.159128	0.442943
Coal fired	0.730136	0.292879	2.492958	0.027	0.230516	0.448329
Burn	8.590974	0.536947	15.999664	0.000	0.754678	0.863279
Lime	0.811855	0.088642	9.158797	0.000	0.311292	0.362192
Trans	0.202427	0.121678	1.663629	0.120	0.077989	0.602588

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	57.29	57.45	0.000	0.000	0.8674	0.006557	0.1261
br	1.260	0.6009	0.000	0.000	0.4289	0.03243	0.5387
cu	0.6200	0.9725	0.000	0.02327	0.9717	0.004174	0.0008326
fe	13.36	11.86	0.3268	0.5226	0.1448	0.002806	0.003020
k	53.06	53.44	0.01388	0.01782	0.9485	0.01974	1.894E-05
mn	1.100	0.1608	0.3682	0.1952	0.2136	0.07571	0.1472
na	31.40	31.46	0.000	0.000	0.06554	0.9345	0.000
pb	2.100	1.624	0.000	0.01619	0.1587	0.009001	0.8161
v	0.4000	0.1584	0.2871	0.3643	0.000	0.3486	0.000
zn	8.470	0.09504	0.2014	0.5301	0.000	0.05125	0.2172
si	32.35	34.09	0.4124	0.5105	0.07560	0.0009050	0.0005344
al	18.58	17.32	0.1671	0.6608	0.1686	0.002999	0.0004557
ca	14.06	6.684	0.3079	0.1349	0.5141	0.04154	0.001545
ti	1.120	1.316	0.4283	0.5366	0.03265	0.002468	0.000
zr	0.000	0.06523	0.000	0.8507	0.000	0.1493	0.000
ni	0.1700	0.08071	0.2298	0.4433	0.000	0.3219	0.005016
as	0.000	0.06158	0.000	0.9604	0.000	0.03955	0.000
se	0.07000	0.02872	0.000	0.9152	0.000	0.08480	0.000

tahoma woods
239.8 8.000 27.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Listwise
Total SS:	4925.831	Degrees of freedom:	14
R-squared:	0.995	Rbar-squared:	0.994
Residual SS:	22.964	Std error of est:	1.281
F(4,14):	747.249	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	1.347805	0.138997	9.696617	0.000	0.404878	0.539100
Coal fired	0.177842	0.117119	1.518478	0.151	0.063411	0.516857
Burn	8.076300	0.155492	51.940345	0.000	0.801247	0.860775
Kraft	0.659987	0.050554	13.055210	0.000	0.200602	0.279079

	Measured	Predicted	Soil	Coal fired	Burn	Kraft
b_{abs}	44.47	46.87	0.000	0.000	0.9994	0.0005914
br	1.360	0.2792	0.000	0.000	0.8676	0.1324
cu	0.3900	0.8946	0.000	0.006163	0.9931	0.0007378
fe	10.41	11.95	0.7306	0.1263	0.1351	0.007895
k	53.35	50.88	0.03285	0.004558	0.9365	0.02607
mn	0.6800	0.1800	0.7414	0.04249	0.1795	0.03667
na	18.48	18.67	0.000	0.000	0.1038	0.8962
pb	1.060	0.2593	0.000	0.02470	0.9346	0.04073
v	0.000	0.1178	0.8695	0.1193	0.000	0.01120
zn	2.160	0.06464	0.6672	0.1898	0.000	0.1429
si	38.91	38.48	0.8231	0.1102	0.06296	0.003756
al	12.39	12.37	0.5274	0.2254	0.2220	0.02524
ca	7.010	8.128	0.5704	0.02702	0.3974	0.005115
ti	1.990	1.487	0.8540	0.1157	0.02716	0.003108
zr	0.000	0.01946	0.000	0.6947	0.000	0.3053
ni	0.1600	0.06700	0.6236	0.1301	0.000	0.2463
as	0.5400	0.01639	0.000	0.8792	0.000	0.1208
se	0.000	0.008382	0.000	0.7638	0.000	0.2362

tahoma woods
240.3 8.000 28.00

Valid cases:	18	Dependent variable:	Y
Missing cases:	0	Deletion method:	Pairwise
Total SS:	13592.678	Degrees of freedom:	13
R-squared:	0.987	Rbar-squared:	0.984
Residual SS:	170.715	Std error of est:	3.624
F(5,13):	204.417	Probability of F:	0.000

Variable	Estimate	Standard Error	t-value	Prob > |t|	Standardized Estimate	Cor with Dep Var
Soil	2.731483	0.393308	6.944888	0.000	0.479327	0.652735
Coal fired	0.600293	0.331395	1.811413	0.093	0.125035	0.628522
Burn	10.778449	0.607560	17.740564	0.000	0.624664	0.790091
Lime	0.455601	0.100299	4.542420	0.000	0.115251	0.159844
Trans	0.594046	0.137679	4.314710	0.000	0.150993	0.584510

	Measured	Predicted	Soil	Coal fired	Burn	Lime	Trans
b_{abs}	84.04	83.98	0.000	0.000	0.7444	0.002517	0.2531
br	1.880	1.284	0.000	0.000	0.2518	0.008515	0.7397
cu	0.5800	1.209	0.000	0.01539	0.9808	0.001884	0.001966
fe	30.16	25.08	0.7058	0.2033	0.08596	0.0007449	0.004193
k	67.75	68.36	0.04955	0.01145	0.9303	0.008658	4.345E-05
mn	2.880	0.4157	0.6505	0.06210	0.1037	0.01644	0.1672
na	19.03	19.08	0.000	0.000	0.1355	0.8645	0.000
pb	3.470	4.241	0.000	0.005095	0.07624	0.001934	0.9167
v	0.000	0.2860	0.7259	0.1658	0.000	0.1083	0.000
zn	8.290	0.1922	0.4549	0.2156	0.000	0.01423	0.3153
si	79.09	81.80	0.7847	0.1749	0.03953	0.0002116	0.0006536
al	26.96	26.35	0.5017	0.3572	0.1391	0.001107	0.0008793
ca	21.94	14.64	0.6420	0.05066	0.2946	0.01065	0.002070
ti	6.400	3.209	0.8018	0.1809	0.01679	0.0005679	0.000
zr	0.000	0.05109	0.000	0.8930	0.000	0.1070	0.000
ni	0.3000	0.1299	0.6521	0.2265	0.000	0.1123	0.009149
as	0.3900	0.04999	0.000	0.9727	0.000	0.02734	0.000
se	0.000	0.02298	0.000	0.9405	0.000	0.05948	0.000