

Input

Features: RI, Na, Mg, Al, Si, K, Ca, Ba, Fe
Target: y

Ranks

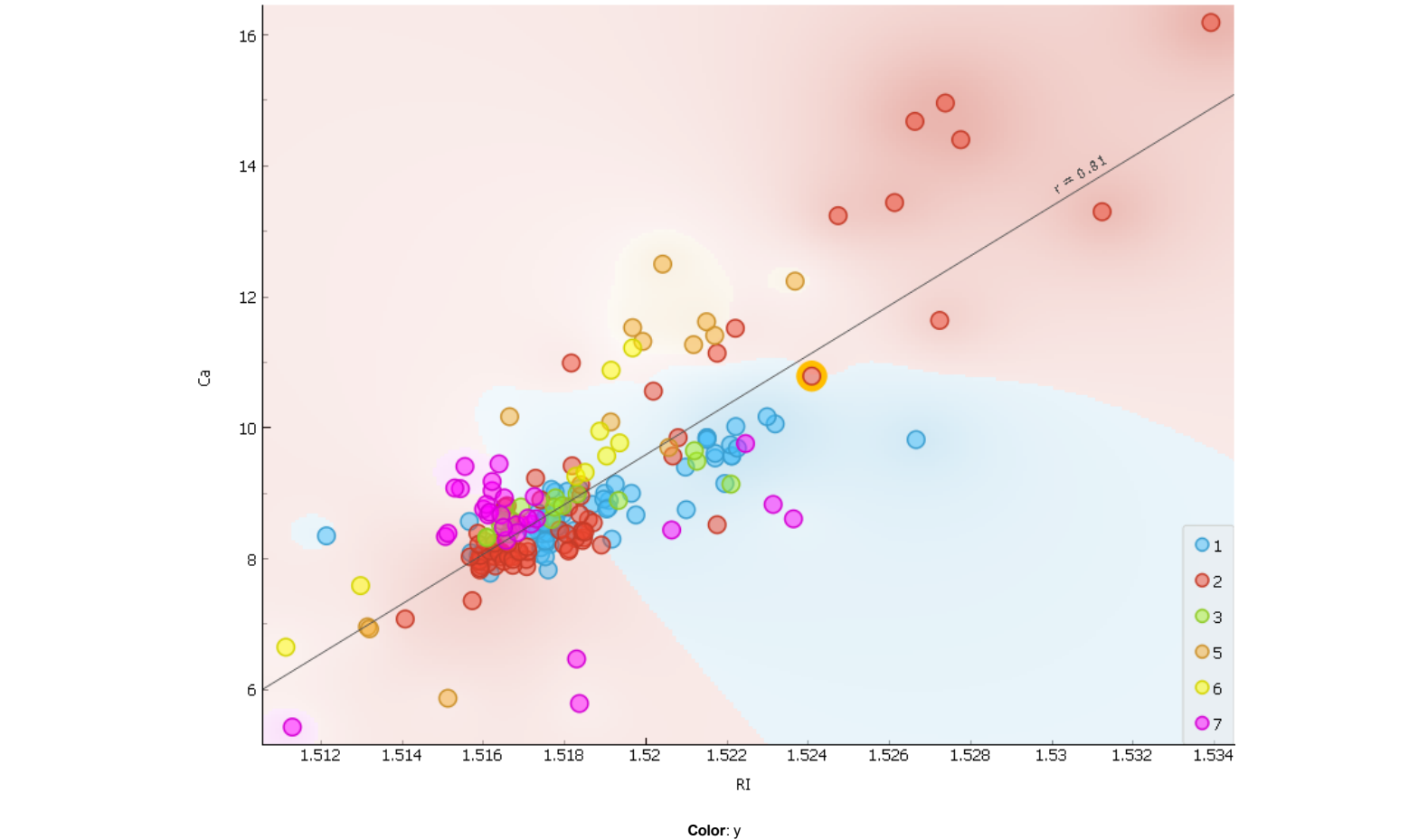
	#	Info. gain	Gain ratio	Gini	ANOVA	χ^2	Relieff	FCBF
Mg		0.5367049597827012	0.26853149149742545	0.10050388885698713	65.54452134094888	85.20213665222721	0.26198259232895565	0.34606135149561634
Al		0.4710161996950055	0.2355748996887212	0.12138382623577826	35.72667597018414	68.89855984887782	0.08074890848189978	0.291296069170009
Ba		0.38420658955214315	0.40189172695681524	0.1070427156329854	38.97460193118853	268.63785490860056	0.08958190520445036	0.32503191569778705
Na		0.3676600940272372	0.18383583841272394	0.079963498684257	28.54801854007161	59.01773445630524	0.06212557736695706	0.2136843838554934
K		0.3303051497913616	0.1652202620062723	0.07323053844947625	8.748127563610346	38.54761011173042	0.026666508014755647	1.8793476275316414e-05
Ca		0.3253429013462472	0.1626867316057893	0.07386744735808737	2.971425525746545	20.66306808219938	0.054041733969975976	0.184557144284048
Si		0.19612700500350355	0.09806659190356547	0.034214169739724465	2.787329828677331	18.741380894295496	0.025369540873694134	1.0365526408111855e-05
RI		0.14541801092530848	0.07271129609400655	0.030984613256773486	1.6089551811483083	17.68198037151494	0.043713324027937525	7.484903356064415e-06
Fe		0.12332657415801584	0.08622495088894584	0.021809227057359548	2.710882069239662	24.076914236849966	-0.0004891391452863158	0.07340497079732564

Output

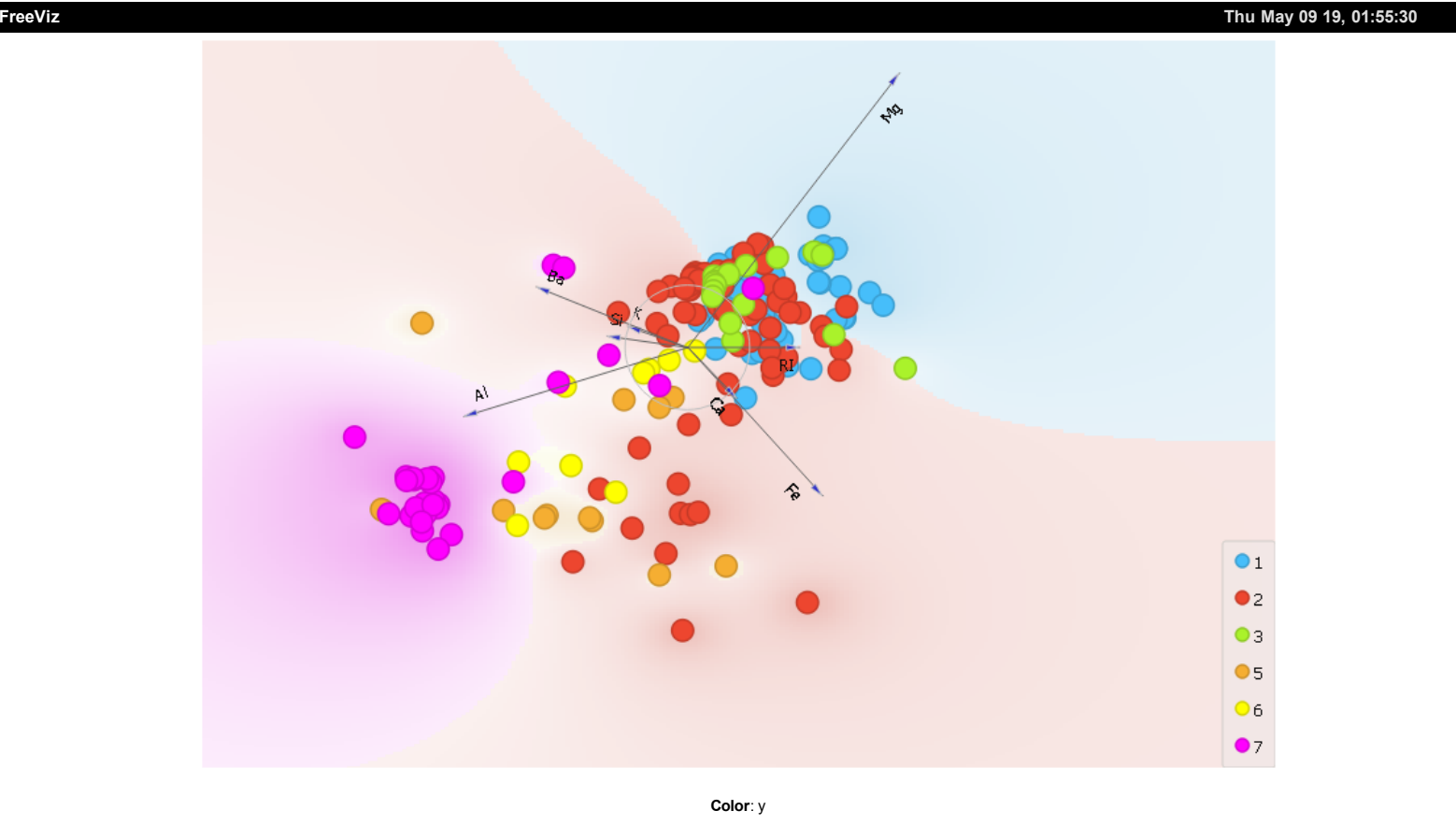
Features: Mg, Al, Ba, Na, K, Ca
Target: y

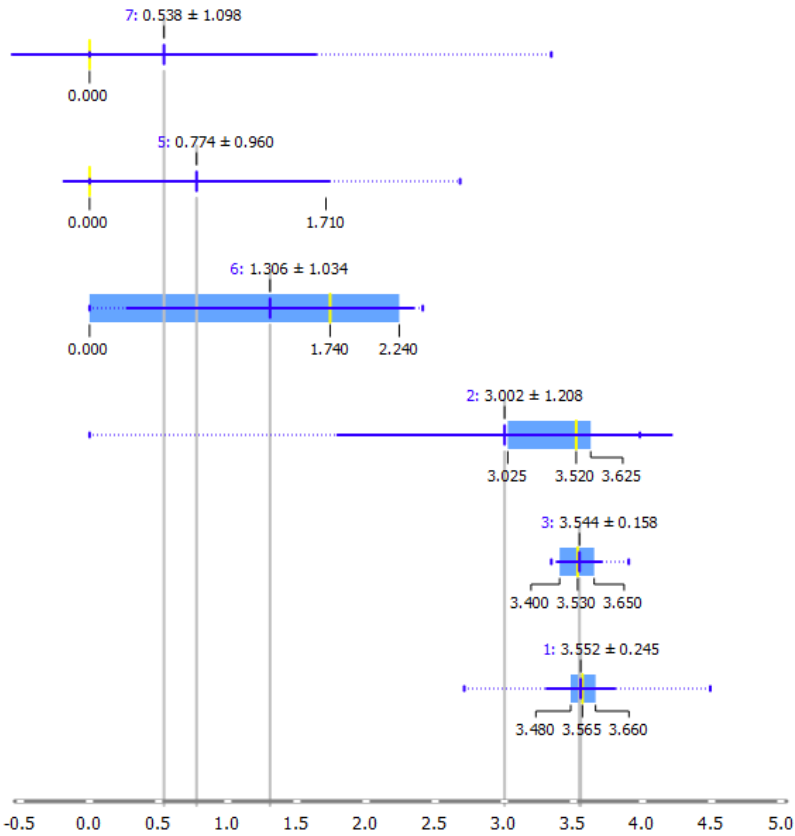
Scatter Plot

Thu May 09 19, 01:54:26

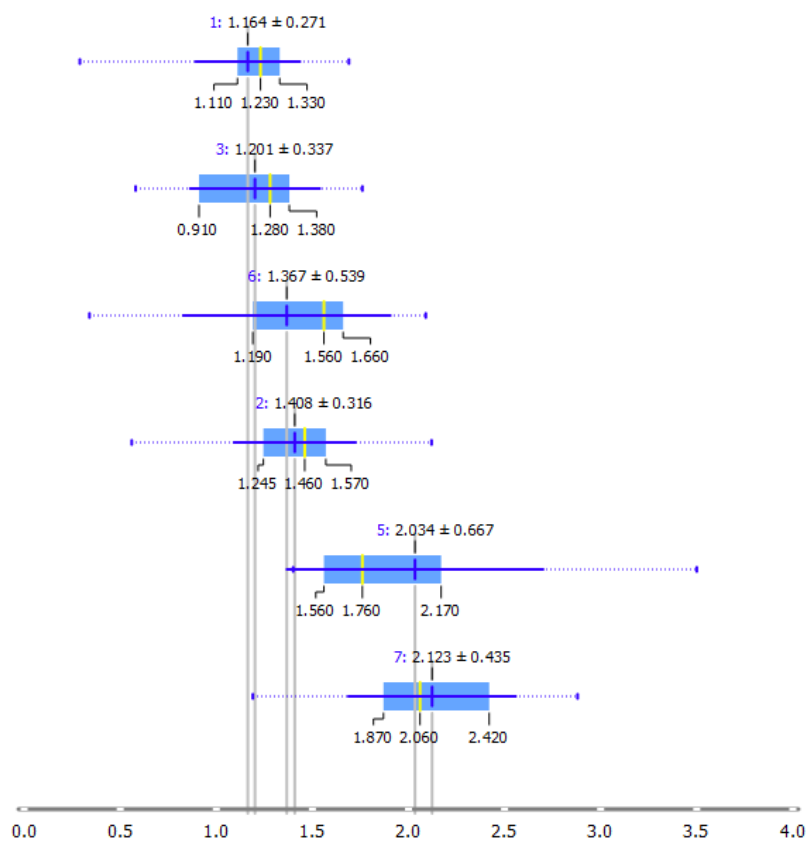


Pearson correlation		
1	+0.810	Ca, RI
2	-0.542	RI, Si
3	-0.492	Ba, Mg
4	-0.482	Al, Mg
5	+0.479	Al, Ba
6	-0.444	Ca, Mg
7	-0.407	Al, RI
8	+0.327	Ba, Na
9	+0.326	Al, K
10	-0.318	Ca, K
11	-0.290	K, RI
12	-0.275	Ca, Na
13	-0.274	Mg, Na
14	-0.266	K, Na
15	-0.260	Al, Ca
16	-0.241	Fe, Na
17	-0.209	Ca, Si
18	-0.193	K, Si
19	-0.192	Na, RI
20	-0.166	Mg, Si
21	+0.157	Al, Na
22	+0.143	Fe, RI
23	+0.125	Ca, Fe
24	-0.122	Mg, RI
25	-0.113	Ba, Ca
26	-0.102	Ba, Si
27	-0.094	Fe, Si
28	+0.083	Fe, Mg
29	-0.074	Al, Fe
30	-0.070	Na, Si
31	-0.059	Ba, Fe
32	-0.043	Ba, K
33	-0.008	Fe, K
34	-0.006	Al, Si
35	+0.005	K, Mg
36	-0.000	Ba, RI

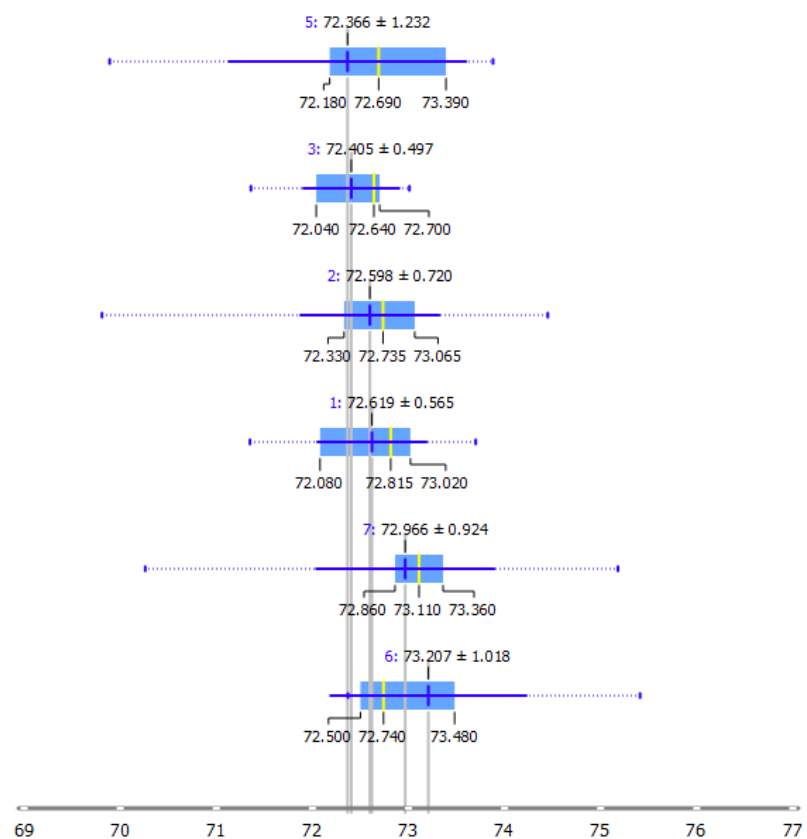




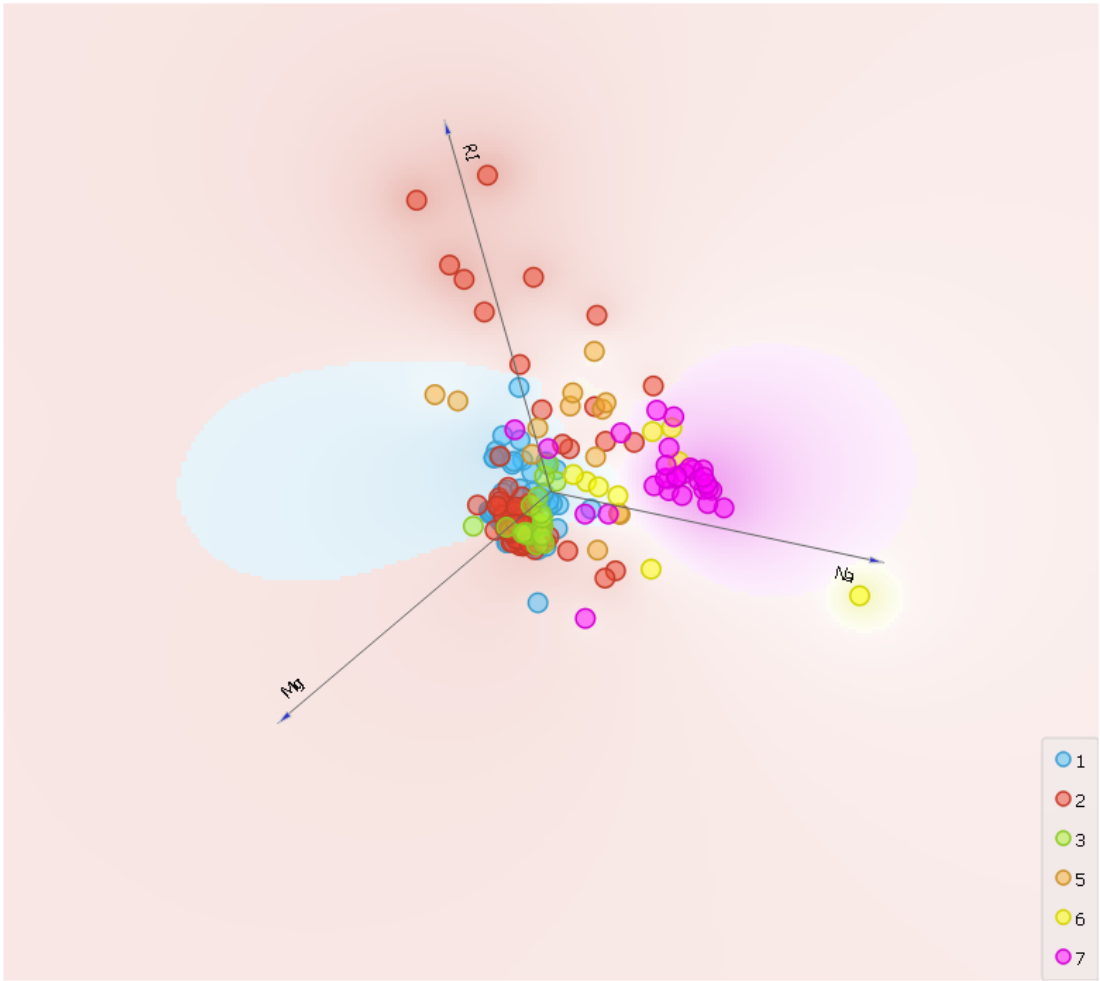
Box plot for attribute 'Mg' grouped by 'y'



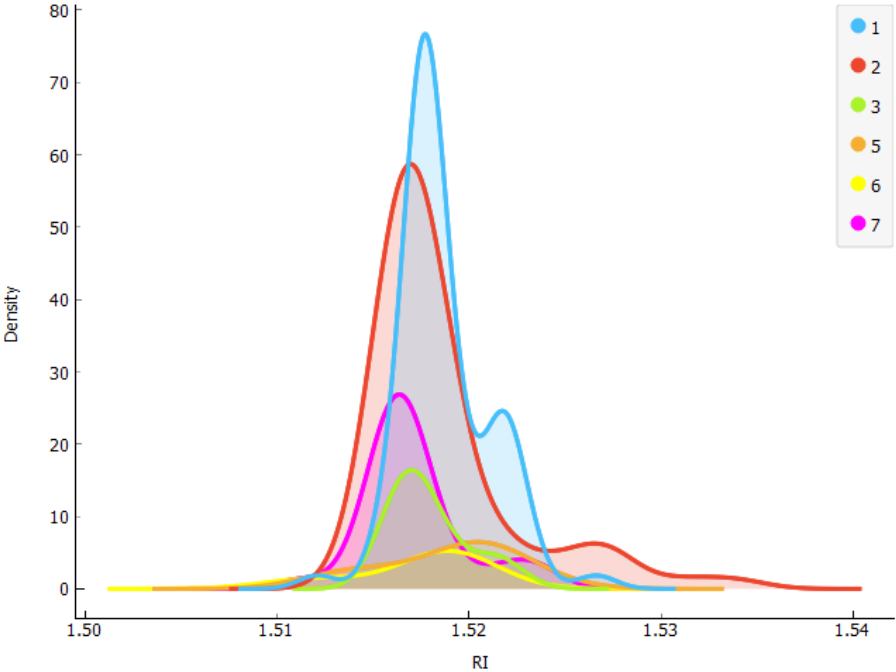
Box plot for attribute 'Al' grouped by 'y'



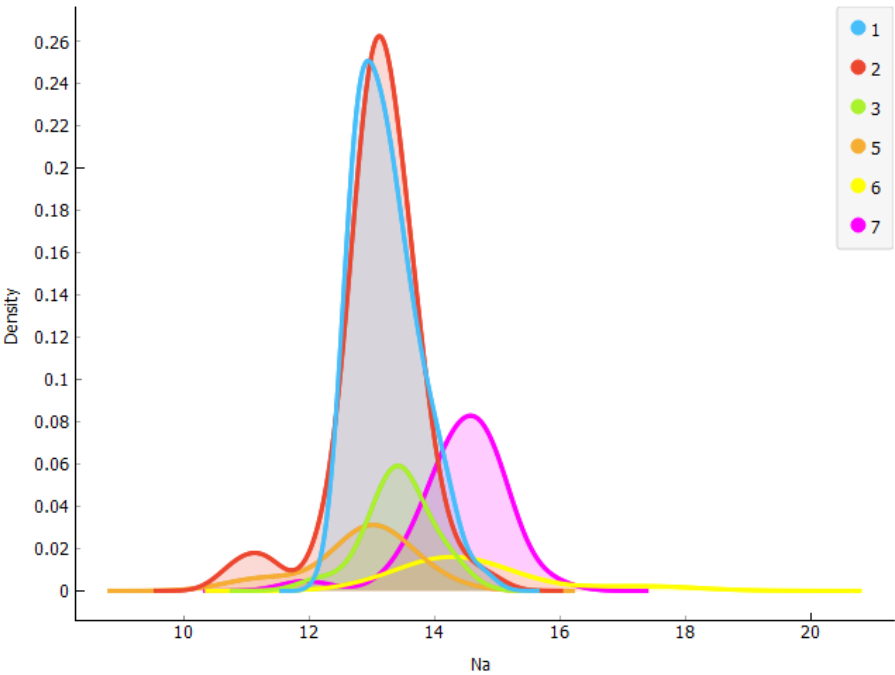
Box plot for attribute 'Si' grouped by 'y'



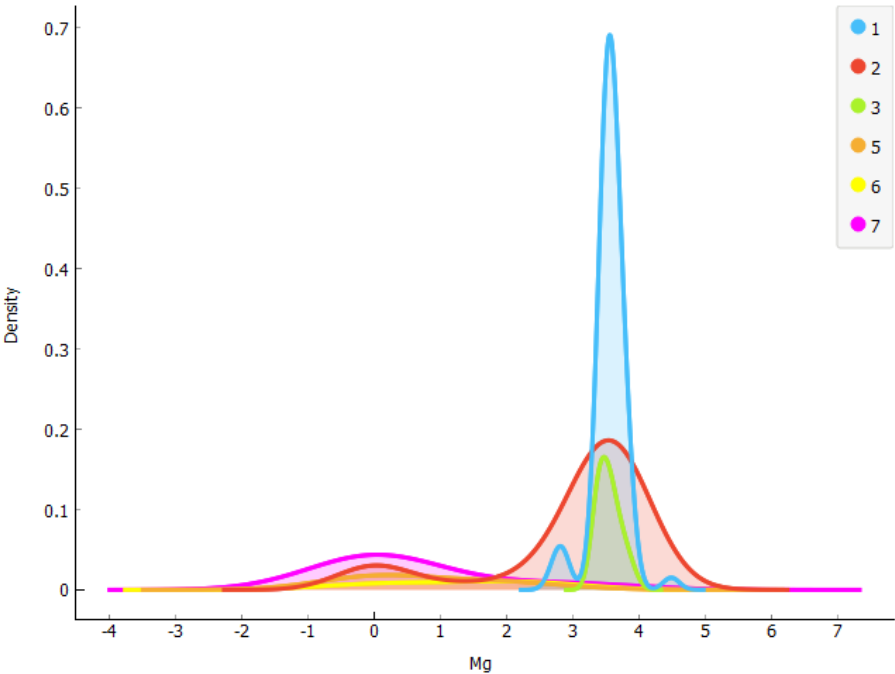
Projection: Principal Component Analysis, Color: y



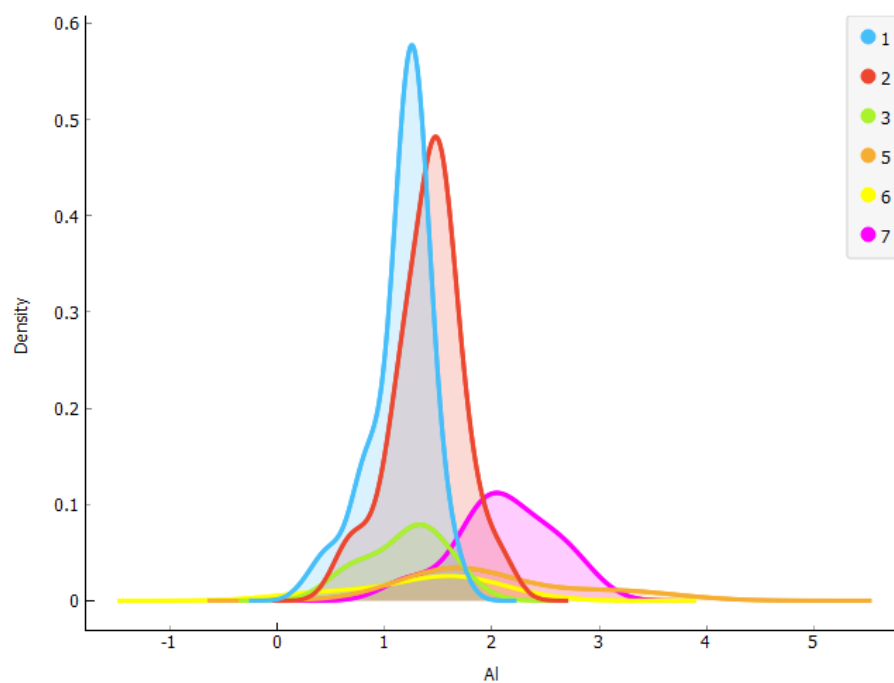
Distribution of 'RI' grouped by 'y'



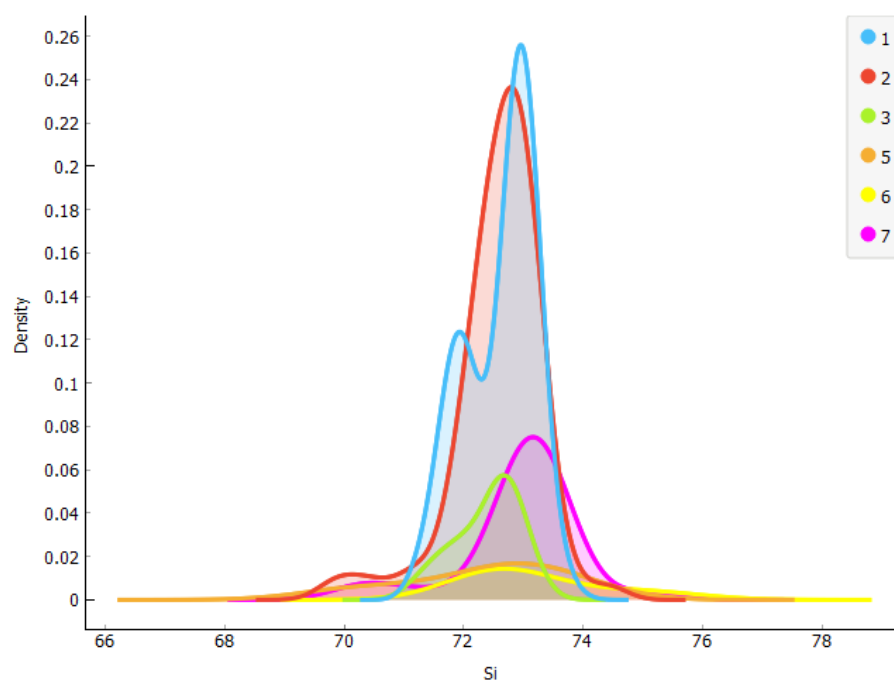
Distribution of 'Na' grouped by 'y'



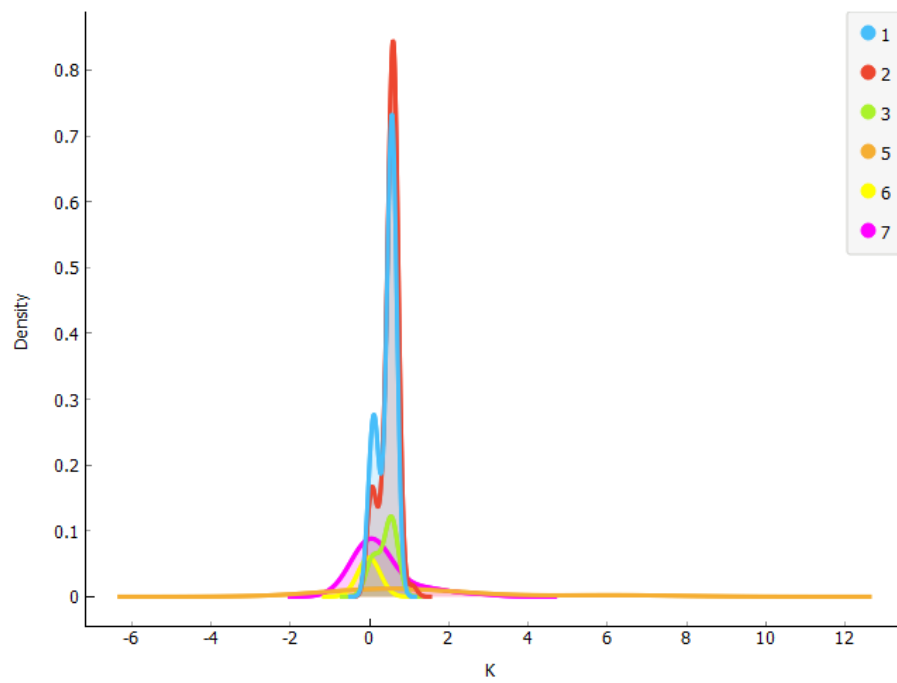
Distribution of 'Mg' grouped by 'y'



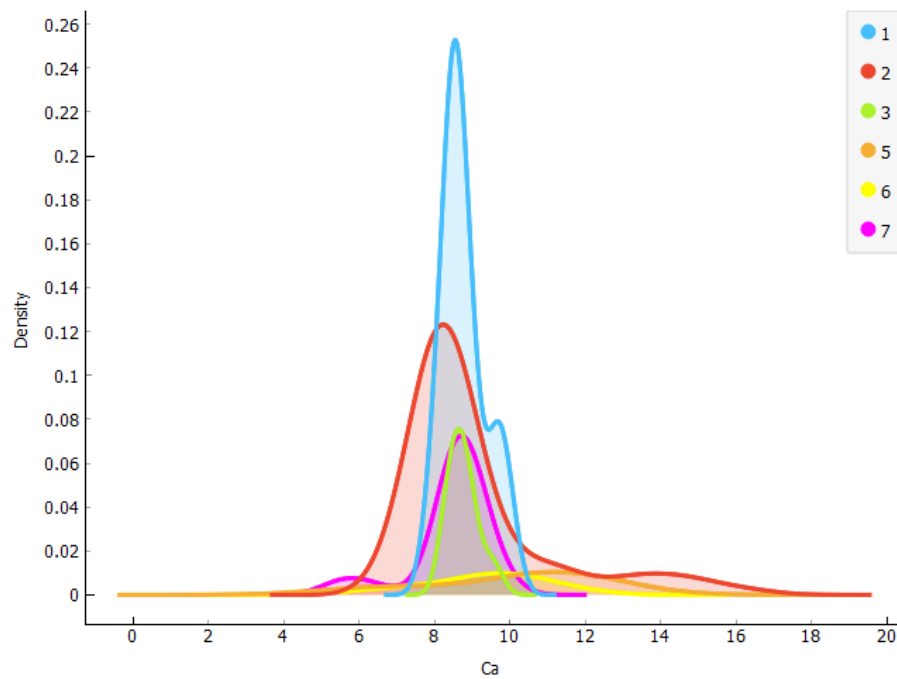
Distribution of 'Al' grouped by 'y'



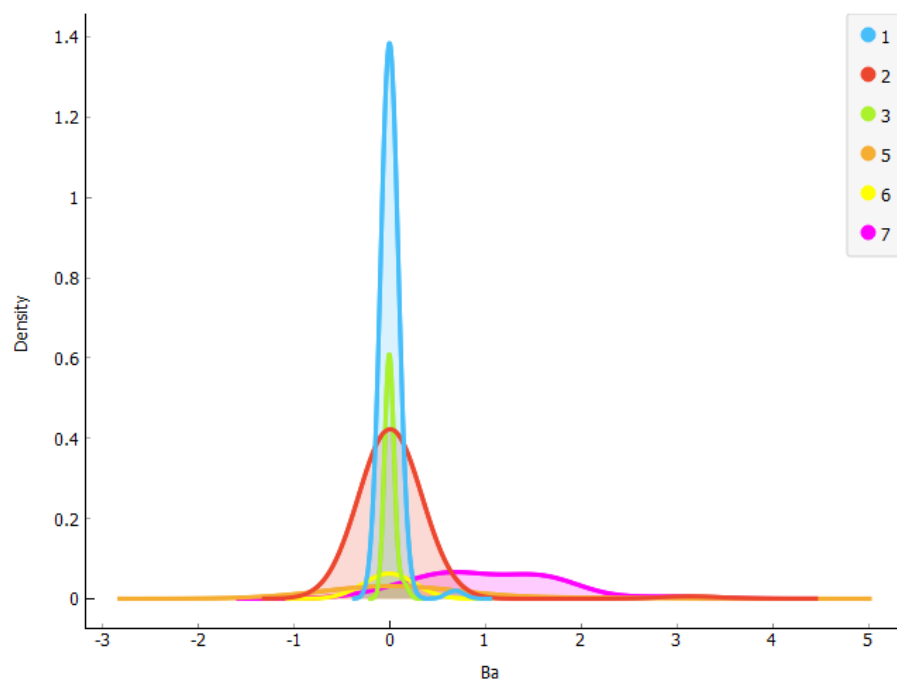
Distribution of 'Si' grouped by 'y'



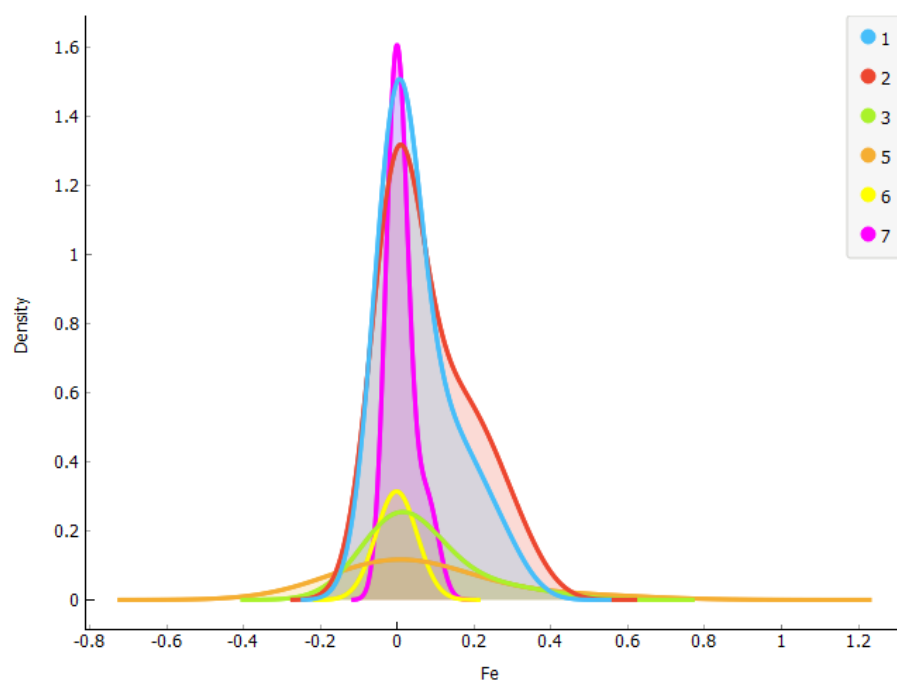
Distribution of 'K' grouped by 'y'



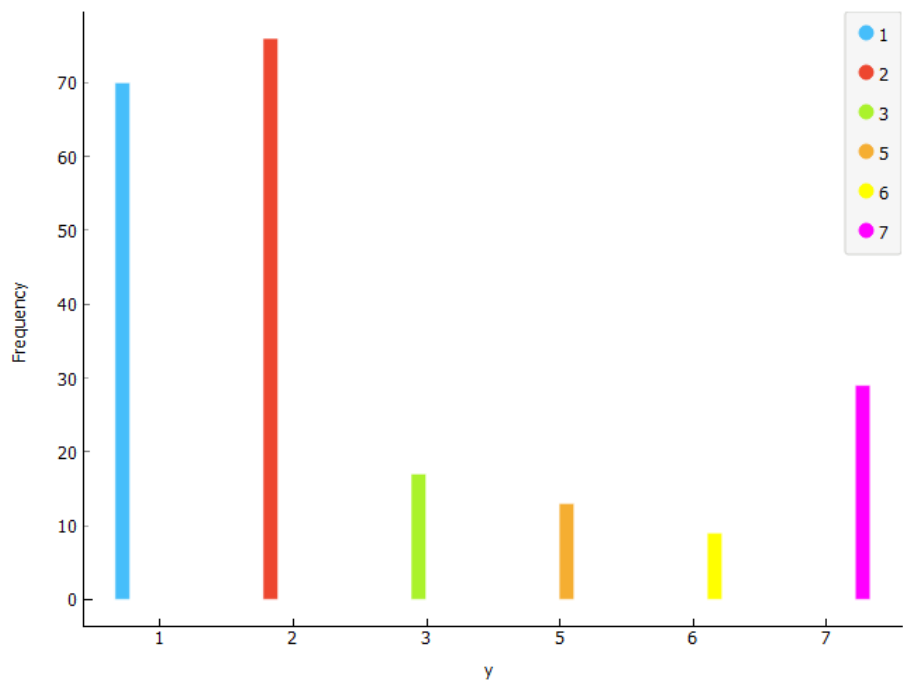
Distribution of 'Ca' grouped by 'y'



Distribution of 'Ba' grouped by 'y'



Distribution of 'Fe' grouped by 'y'



Distribution of 'y' grouped by 'y'