

Supplement S2. Descriptive statistics of selected elements in plant samples from the coal waste dump

	Mean	Standard Error	Median	Standard Deviation	Sample Variance	Kurtosis	Skewness	Range	Minimum	Maximum	Sum
Mo	0.376	0.051	0.390	0.178	0.032	-0.580	-0.254	0.57	0.09	0.66	4.51
Cu	7.876	1.912	4.435	6.623	43.861	2.823	1.695	22.32	2.3	24.62	94.51
Pb	4.360	0.956	3.600	3.311	10.964	4.877	1.966	12.02	1.34	13.36	52.32
Zn	76.875	19.002	47.300	65.826	4333.026	5.122	2.253	221.8	35.2	257	922.5
Ni	1.200	0.357	0.700	1.236	1.527	2.512	1.770	4	0.2	4.2	14.4
Co	0.418	0.120	0.245	0.416	0.173	1.257	1.558	1.23	0.08	1.31	5.02
Mn	220.500	71.595	130.500	248.014	61510.818	1.645	1.687	697	33	730	2646
Sr	21.758	3.156	21.900	10.932	119.515	-1.946	-0.038	28.7	7.3	36	261.1
Cd	0.688	0.140	0.585	0.486	0.236	5.230	2.073	1.8	0.22	2.02	8.25
Cr	2.108	0.463	1.550	1.603	2.570	6.777	2.505	5.7	1	6.7	25.3
Fe	649.167	220.703	335.000	764.537	584517.424	3.790	1.994	2520	120	2640	7790
Ca	5650.000	799.384	5750.000	2769.148	7668181.818	-1.317	-0.002	8100	1700	9800	67800
P	1137.500	155.666	1100.000	539.244	290784.091	-1.558	0.082	1530	410	1940	13650
Mg	730.833	82.135	690.000	284.524	80953.788	2.625	1.389	1020	420	1440	8770
Al	441.667	163.048	200.000	564.814	319015.152	5.377	2.251	1900	100	2000	5300
Na	70.833	23.043	30.000	79.825	6371.970	1.068	1.520	240	10	250	850
K	7125.000	1055.227	5850.000	3655.413	13362045.455	1.455	1.294	12200	3500	15700	85500
S	1008.333	111.095	1000.000	384.846	148106.061	1.613	0.900	1400	500	1900	12100