

GY Property Correlation matrix (Pearson (n)):

Variables	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In
Ag	1	-0.536	0.469	0.448	0.449	0.512	-0.024	0.470	0.704	0.342	-0.004	-0.694	0.411	0.305	-0.571	-0.549	0.129	0.226	0.783	0.534
Al	-0.536	1	-0.561	-0.564	-0.143	-0.418	0.170	-0.516	-0.498	-0.360	-0.036	0.911	0.141	-0.326	0.706	0.816	-0.019	-0.397	-0.616	-0.025
As	0.469	-0.561	1	-0.001	0.426	0.692	0.455	0.204	0.589	0.793	0.312	-0.693	0.073	0.704	-0.180	-0.675	0.453	0.090	0.717	0.581
B	0.448	-0.564	-0.001	1	0.481	0.066	-0.769	0.740	0.603	-0.124	-0.446	-0.497	0.136	-0.209	-0.924	-0.256	-0.552	0.362	0.231	-0.127
Ba	0.449	-0.143	0.426	0.481	1	0.417	-0.244	0.624	0.782	0.415	-0.147	-0.333	0.362	0.160	-0.427	-0.179	-0.132	0.041	0.342	0.453
Be	0.512	-0.418	0.692	0.066	0.417	1	0.430	0.298	0.613	0.527	0.589	-0.514	0.489	0.842	-0.195	-0.363	0.285	0.427	0.752	0.462
Bi	-0.024	0.170	0.455	-0.769	-0.244	0.430	1	-0.577	-0.166	0.473	0.564	0.029	0.147	0.638	0.576	-0.072	0.712	-0.165	0.307	0.444
Ca	0.470	-0.516	0.204	0.740	0.624	0.298	-0.577	1	0.645	0.096	-0.289	-0.536	0.040	-0.009	-0.740	-0.332	-0.378	0.508	0.392	-0.030
Cd	0.704	-0.498	0.589	0.603	0.782	0.613	-0.166	0.645	1	0.390	-0.033	-0.615	0.476	0.366	-0.656	-0.415	-0.105	0.234	0.658	0.492
Ce	0.342	-0.360	0.793	-0.124	0.415	0.527	0.473	0.096	0.390	1	0.203	-0.523	-0.128	0.520	-0.047	-0.544	0.628	-0.092	0.547	0.507
Co	-0.004	-0.036	0.312	-0.446	-0.147	0.589	0.564	-0.289	-0.033	0.203	1	-0.008	0.276	0.664	0.420	0.017	0.250	0.124	0.232	0.211
Cr	-0.694	0.911	-0.693	-0.497	-0.333	-0.514	0.029	-0.536	-0.615	-0.523	-0.008	1	-0.005	-0.394	0.678	0.859	-0.152	-0.289	-0.760	-0.326
Cs	0.411	0.141	0.073	0.136	0.362	0.489	0.147	0.040	0.476	-0.128	0.276	-0.005	1	0.336	-0.119	0.182	-0.113	0.077	0.295	0.503
Cu	0.305	-0.326	0.704	-0.209	0.160	0.842	0.638	-0.009	0.366	0.520	0.664	-0.394	0.336	1	0.080	-0.392	0.389	0.208	0.620	0.517
Fe	-0.571	0.706	-0.180	-0.924	-0.427	-0.195	0.576	-0.740	-0.656	-0.047	0.420	0.678	-0.119	0.080	1	0.403	0.300	-0.405	-0.473	0.072
Ga	-0.549	0.816	-0.675	-0.256	-0.179	-0.363	-0.072	-0.332	-0.415	-0.544	0.017	0.859	0.182	-0.392	0.403	1	-0.278	-0.054	-0.591	-0.312
Ge	0.129	-0.019	0.453	-0.552	-0.132	0.285	0.712	-0.378	-0.105	0.628	0.250	-0.152	-0.113	0.389	0.300	-0.278	1	-0.181	0.375	0.316
Hf	0.226	-0.397	0.090	0.362	0.041	0.427	-0.165	0.508	0.234	-0.092	0.124	-0.289	0.077	0.208	-0.405	-0.054	-0.181	1	0.314	-0.200
Hg	0.783	-0.616	0.717	0.231	0.342	0.752	0.307	0.392	0.658	0.547	0.232	-0.760	0.295	0.620	-0.473	-0.591	0.375	0.314	1	0.490
In	0.534	-0.025	0.581	-0.127	0.453	0.462	0.444	-0.030	0.492	0.507	0.211	-0.326	0.503	0.517	0.072	-0.312	0.316	-0.200	0.490	1
K	0.491	-0.071	0.403	0.343	0.843	0.370	-0.060	0.561	0.682	0.466	-0.293	-0.346	0.309	0.136	-0.395	-0.185	0.014	-0.005	0.442	0.520
La	0.339	-0.388	0.731	-0.023	0.444	0.444	0.342	0.183	0.402	0.965	0.080	-0.528	-0.187	0.400	-0.127	-0.544	0.503	-0.110	0.491	0.414
Li	-0.603	0.690	-0.635	-0.459	-0.471	-0.198	0.142	-0.421	-0.594	-0.581	0.235	0.807	0.113	-0.215	0.555	0.807	-0.127	0.085	-0.544	-0.455
Mg	-0.399	0.536	-0.560	0.157	0.268	-0.409	-0.569	0.233	-0.154	-0.448	-0.321	0.600	-0.057	-0.498	0.110	0.586	-0.483	0.006	-0.630	-0.352
Mn	0.009	0.145	0.403	-0.563	-0.034	0.444	0.660	-0.393	0.009	0.245	0.740	0.037	0.288	0.579	0.543	-0.058	0.326	-0.198	0.222	0.447
Mo	0.543	-0.466	0.534	0.558	0.619	0.458	-0.177	0.429	0.830	0.239	-0.027	-0.481	0.404	0.319	-0.574	-0.361	-0.082	0.258	0.484	0.397
Na	0.334	-0.268	0.066	0.769	0.761	-0.020	-0.734	0.706	0.575	0.053	-0.467	-0.301	0.053	-0.260	-0.622	-0.211	-0.388	0.109	0.039	0.054
Nb	0.521	-0.300	0.432	0.283	0.347	0.425	0.081	0.332	0.674	0.140	-0.109	-0.394	0.458	0.251	-0.444	-0.240	-0.019	0.359	0.530	0.388
Ni	-0.587	0.626	-0.171	-0.844	-0.357	-0.095	0.509	-0.611	-0.618	-0.033	0.463	0.652	-0.120	0.174	0.942	0.359	0.238	-0.296	-0.456	-0.006
P	0.695	-0.239	0.567	0.217	0.534	0.507	0.235	0.249	0.751	0.451	-0.024	-0.505	0.508	0.431	-0.352	-0.370	0.187	-0.019	0.700	0.767
Pb	0.231	-0.081	0.583	-0.488	-0.001	0.667	0.799	-0.311	0.166	0.447	0.773	-0.224	0.403	0.840	0.346	-0.247	0.515	-0.084	0.498	0.619
Rb	0.605	-0.112	0.406	0.378	0.742	0.426	0.001	0.393	0.785	0.375	-0.204	-0.367	0.579	0.140	-0.469	-0.133	0.050	-0.024	0.538	0.593
Re	0.444	-0.256	0.328	0.474	0.687	0.162	-0.297	0.526	0.525	0.276	-0.247	-0.500	0.222	0.059	-0.436	-0.366	-0.113	0.013	0.271	0.518
S	0.665	-0.589	0.493	0.447	0.426	0.566	-0.065	0.613	0.705	0.205	-0.029	-0.657	0.271	0.311	-0.593	-0.502	0.030	0.458	0.689	0.291
Sb	0.644	-0.425	0.552	0.321	0.362	0.467	0.166	0.317	0.611	0.406	-0.171	-0.612	0.323	0.377	-0.515	-0.469	0.274	0.285	0.681	0.512
Sc	0.104	-0.327	0.135	0.292	0.264	0.371	-0.241	0.411	0.195	0.038	0.387	-0.240	0.119	0.290	-0.195	-0.061	-0.261	0.439	0.125	0.036
Se	0.595	-0.579	0.426	0.592	0.390	0.566	-0.097	0.419	0.743	0.229	0.098	-0.621	0.503	0.394	-0.689	-0.320	-0.087	0.284	0.660	0.323
Sn	0.408	0.054	0.164	0.344	0.579	0.119	-0.156	0.214	0.557	0.080	-0.245	-0.039	0.491	-0.094	-0.298	0.023	-0.094	-0.020	0.191	0.382
Sr	0.499	-0.566	0.080	0.869	0.543	0.251	-0.653	0.905	0.638	-0.006	-0.278	-0.521	0.124	-0.068	-0.866	-0.258	-0.418	0.473	0.394	-0.119
Ta	0.292	-0.554	-0.083	0.622	-0.180	0.128	-0.304	0.293	0.238	-0.258	-0.126	-0.408	0.147	-0.009	-0.684	-0.142	-0.388	0.433	0.313	-0.265
Te	0.404	-0.488	0.673	0.066	0.106	0.621	0.430	0.126	0.485	0.459	0.149	-0.532	0.171	0.603	-0.287	-0.436	0.372	0.388	0.638	0.371
Th	-0.424	0.021	0.051	-0.458	-0.323	0.111	0.291	-0.221	-0.409	0.206	0.425	0.207	-0.418	0.248	0.484	-0.041	0.298	-0.041	-0.183	-0.288
Ti	0.291	-0.062	0.173	0.411	0.514	-0.033	-0.325	0.280	0.514	0.102	-0.413	-0.067	0.190	-0.076	-0.350	-0.082	-0.098	0.020	0.080	0.300
Tl	0.610	-0.144	0.601	0.207	0.696	0.507	0.205	0.237	0.777	0.542	0.030	-0.419	0.551	0.372	-0.290	-0.253	0.193	-0.142	0.615	0.816
U	0.223	-0.372	-0.159	0.472	-0.															

GY Property Correlation matrix (Pearson (n)):

Variables	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Ag	0.491	0.339	-0.603	-0.399	0.009	0.543	0.334	0.521	-0.587	0.695	0.231	0.605	0.444	0.665	0.644	0.104	0.595	0.408	0.499	0.292
Al	-0.071	-0.388	0.690	0.536	0.145	-0.466	-0.268	-0.300	0.626	-0.239	-0.081	-0.112	-0.256	-0.589	-0.425	-0.327	-0.579	0.054	-0.566	-0.554
As	0.403	0.731	-0.635	-0.560	0.403	0.534	0.066	0.432	-0.171	0.567	0.583	0.406	0.328	0.493	0.552	0.135	0.426	0.164	0.080	-0.083
B	0.343	-0.023	-0.459	0.157	-0.563	0.558	0.769	0.283	-0.844	0.217	-0.488	0.378	0.474	0.447	0.321	0.292	0.592	0.344	0.869	0.622
Ba	0.843	0.444	-0.471	0.268	-0.034	0.619	0.761	0.347	-0.357	0.534	-0.001	0.742	0.687	0.426	0.362	0.264	0.390	0.579	0.543	-0.180
Be	0.370	0.444	-0.198	-0.409	0.444	0.458	-0.020	0.425	-0.095	0.507	0.667	0.426	0.162	0.566	0.467	0.371	0.566	0.119	0.251	0.128
Bi	-0.060	0.342	0.142	-0.569	0.660	-0.177	-0.734	0.081	0.509	0.235	0.799	0.001	-0.297	-0.065	0.166	-0.241	-0.097	-0.156	-0.653	-0.304
Ca	0.561	0.183	-0.421	0.233	-0.393	0.429	0.706	0.332	-0.611	0.249	-0.311	0.393	0.526	0.613	0.317	0.411	0.419	0.214	0.905	0.293
Cd	0.682	0.402	-0.594	-0.154	0.009	0.830	0.575	0.674	-0.618	0.751	0.166	0.785	0.525	0.705	0.611	0.195	0.743	0.557	0.638	0.238
Ce	0.466	0.965	-0.581	-0.448	0.245	0.239	0.053	0.140	-0.033	0.451	0.447	0.375	0.276	0.205	0.406	0.038	0.229	0.080	-0.006	-0.258
Co	-0.293	0.080	0.235	-0.321	0.740	-0.027	-0.467	-0.109	0.463	-0.024	0.773	-0.204	-0.247	-0.029	-0.171	0.387	0.098	-0.245	-0.278	-0.126
Cr	-0.346	-0.528	0.807	0.600	0.037	-0.481	-0.301	-0.394	0.652	-0.505	-0.224	-0.367	-0.500	-0.657	-0.612	-0.240	-0.621	-0.039	-0.521	-0.408
Cs	0.309	-0.187	0.113	-0.057	0.288	0.404	0.053	0.458	-0.120	0.508	0.403	0.579	0.222	0.271	0.323	0.119	0.503	0.491	0.124	0.147
Cu	0.136	0.400	-0.215	-0.498	0.579	0.319	-0.260	0.251	0.174	0.431	0.840	0.140	0.059	0.311	0.377	0.290	0.394	-0.094	-0.068	-0.009
Fe	-0.395	-0.127	0.555	0.110	0.543	-0.574	-0.622	-0.444	0.942	-0.352	0.346	-0.469	-0.436	-0.593	-0.515	-0.195	-0.689	-0.298	-0.866	-0.684
Ga	-0.185	-0.544	0.807	0.586	-0.058	-0.361	-0.211	-0.240	0.359	-0.370	-0.247	-0.133	-0.366	-0.502	-0.469	-0.061	-0.320	0.023	-0.258	-0.142
Ge	0.014	0.503	-0.127	-0.483	0.326	-0.082	-0.388	-0.019	0.238	0.187	0.515	0.050	-0.113	0.030	0.274	-0.261	-0.087	-0.094	-0.418	-0.388
Hf	-0.005	-0.110	0.085	0.006	-0.198	0.258	0.109	0.359	-0.296	-0.019	-0.084	-0.024	0.013	0.458	0.285	0.439	0.284	-0.020	0.473	0.433
Hg	0.442	0.491	-0.544	-0.630	0.222	0.484	0.039	0.530	-0.456	0.700	0.498	0.538	0.271	0.689	0.681	0.125	0.660	0.191	0.394	0.313
In	0.520	0.414	-0.455	-0.352	0.447	0.397	0.054	0.388	-0.006	0.767	0.619	0.593	0.518	0.291	0.512	0.036	0.323	0.382	-0.119	-0.265
K	1	0.520	-0.453	0.080	-0.154	0.393	0.525	0.438	-0.380	0.630	-0.002	0.849	0.623	0.404	0.482	0.027	0.370	0.481	0.444	-0.106
La	0.520	1	-0.608	-0.387	0.079	0.186	0.125	0.112	-0.088	0.399	0.277	0.396	0.293	0.187	0.340	0.023	0.233	0.053	0.086	-0.189
Li	-0.453	-0.608	1	0.401	0.113	-0.505	-0.482	-0.290	0.558	-0.543	-0.067	-0.414	-0.629	-0.406	-0.541	-0.077	-0.463	-0.238	-0.385	-0.128
Mg	0.080	-0.387	0.401	1	-0.309	0.566	0.496	-0.338	0.192	-0.433	-0.563	-0.144	0.082	-0.283	-0.450	0.170	-0.387	0.148	0.163	-0.361
Mn	-0.154	0.079	0.113	-0.309	1	0.054	-0.415	-0.012	0.494	0.239	0.830	-0.065	-0.116	0.011	0.035	-0.014	-0.083	-0.017	-0.476	-0.372
Mo	0.393	0.186	-0.505	-0.095	0.054	1	0.566	0.662	-0.554	0.581	0.147	0.560	0.385	0.592	0.578	0.184	0.588	0.655	0.472	0.179
Na	0.525	0.125	-0.482	0.496	-0.415	0.566	1	0.116	-0.545	0.187	-0.457	0.404	0.660	0.322	0.179	0.287	0.254	0.487	0.692	-0.022
Nb	0.438	0.112	-0.290	-0.338	-0.012	0.662	0.116	1	-0.501	0.656	0.158	0.641	0.170	0.610	0.676	-0.091	0.511	0.526	0.290	0.302
Ni	-0.380	-0.088	0.558	0.192	0.494	-0.554	-0.545	-0.501	1	-0.417	0.318	-0.531	-0.425	-0.567	-0.539	-0.060	-0.675	-0.378	-0.732	-0.652
P	0.630	0.399	-0.543	-0.433	0.239	0.581	0.187	0.656	-0.417	1	0.418	0.784	0.477	0.542	0.777	-0.173	0.568	0.468	0.233	0.109
Pb	-0.002	0.277	-0.067	-0.563	0.830	0.147	-0.457	0.158	0.318	0.418	1	0.106	-0.014	0.151	0.236	0.126	0.213	-0.050	-0.348	-0.203
Rb	0.849	0.396	-0.414	-0.144	-0.065	0.560	0.404	-0.531	0.784	0.106	1	0.507	0.489	0.582	0.582	-0.054	0.601	0.657	0.399	0.096
Re	0.623	0.293	-0.629	0.082	-0.116	0.385	0.660	0.170	-0.425	0.477	-0.014	0.507	1	0.303	0.428	0.273	0.337	0.275	0.443	-0.067
S	0.404	0.187	-0.406	-0.283	0.011	0.592	0.322	0.610	-0.567	0.542	0.151	0.489	0.303	1	0.564	0.115	0.527	0.300	0.569	0.305
Sb	0.482	0.340	-0.541	-0.450	0.035	0.578	0.179	0.676	-0.539	0.777	0.236	0.582	0.428	0.564	1	-0.193	0.524	0.332	0.297	0.283
Sc	0.027	0.023	-0.077	0.170	-0.014	0.184	0.287	-0.091	-0.060	-0.173	0.126	-0.054	0.273	0.115	-0.193	1	0.329	-0.093	0.427	0.105
Se	0.370	0.233	-0.463	-0.387	-0.083	0.588	0.254	0.511	-0.675	0.568	0.213	0.601	0.337	0.527	0.524	0.329	1	0.274	0.560	0.616
Sn	0.481	0.053	-0.238	0.148	-0.017	0.655	0.487	0.526	-0.378	0.468	-0.050	0.657	0.275	0.300	0.332	-0.093	0.274	1	0.235	-0.057
Sr	0.444	0.086	-0.385	0.163	-0.476	0.472	0.692	0.290	-0.732	0.233	-0.348	0.399	0.443	0.569	0.297	0.427	0.560	0.235	1	0.512
Ta	-0.106	-0.189	-0.128	-0.361	-0.372	0.179	-0.022	0.302	-0.652	0.109	-0.203	0.096	-0.067	0.305	0.283	0.105	0.616	-0.057	0.512	1
Te	0.191	0.366	-0.320	-0.582	0.204	0.529	-0.149	0.641	-0.322	0.518	0.435	0.344	0.036	0.592	0.693	-0.045	0.471	0.142	0.095	0.285
Th	-0.407	0.166	0.289	0.058	0.252	-0.346	-0.325	-0.491	-0.584	-0.565	0.217	-0.563	-0.484	-0.290	-0.506	0.287	-0.339	-0.438	-0.282	-0.317
Ti	0.401	0.111	-0.405	0.229	-0.316	0.654	0.566	0.441	-0.353	0.345	-0.237	0.458	0.332	0.195	0.313	0.050	0.284	0.730	0.284	-0.051
Tl	0.742	0.506	-0.530	-0.286	0.235	0.605	0.293	0.556	-0.367	0.884	0.400	0.890	0.538	0.427	0.594	-0.011	0.599	0.609	0.218	-0.036
U	-0.256	-0.320	0.097	-0.279	-0.146	0.189	-0.097	0.210	-0.427	0.048	-0.010	0.024	-0.186	0.216	0.163	0.162	0.563	0		

GY Property Correlation matrix (Pearson (n)):

Variables	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Ag	0.404	-0.424	0.291	0.610	0.223	-0.119	0.063	0.590	-0.359	0.198	0.232
Al	-0.488	0.021	-0.062	-0.144	-0.372	0.530	-0.120	-0.502	0.764	-0.383	-0.253
As	0.673	0.051	0.173	0.601	-0.159	-0.105	0.137	0.549	-0.148	-0.072	0.168
B	0.066	-0.458	0.411	0.207	0.472	0.009	0.121	0.288	-0.700	0.382	0.142
Ba	0.106	-0.323	0.514	0.696	-0.198	0.515	0.033	0.460	0.004	-0.004	-0.029
Be	0.621	0.111	-0.033	0.507	0.207	-0.222	0.112	0.818	-0.004	0.251	0.116
Bi	0.430	0.291	-0.325	0.205	-0.174	-0.223	0.049	0.155	0.399	-0.317	0.078
Ca	0.126	-0.221	0.280	0.237	0.102	0.009	0.030	0.462	-0.394	0.542	0.008
Cd	0.485	-0.409	0.514	0.777	0.167	0.205	0.189	0.610	-0.291	0.104	0.174
Ce	0.459	0.206	0.102	0.542	-0.341	-0.026	-0.072	0.428	-0.038	-0.045	0.217
Co	0.149	0.425	-0.413	0.030	0.117	-0.278	0.037	0.440	0.366	0.001	-0.057
Cr	-0.532	0.207	-0.067	-0.419	-0.204	0.474	-0.048	-0.616	0.648	-0.246	-0.232
Cs	0.171	-0.418	0.190	0.551	0.376	0.172	0.157	0.443	0.167	-0.186	0.033
Cu	0.603	0.248	-0.076	0.372	0.090	-0.246	0.106	0.692	0.081	0.008	0.219
Fe	-0.287	0.484	-0.350	-0.290	-0.491	0.168	-0.132	-0.363	0.834	-0.423	-0.228
Ga	-0.436	-0.041	-0.082	-0.253	0.024	0.374	0.053	-0.381	0.454	-0.076	-0.195
Ge	0.372	0.298	-0.098	0.193	-0.322	-0.139	-0.124	0.025	0.090	-0.028	0.171
Hf	0.388	-0.041	0.020	-0.142	0.398	-0.299	0.289	0.388	-0.284	0.777	0.005
Hg	0.638	-0.183	0.080	0.615	0.259	-0.351	0.102	0.730	-0.368	0.234	0.345
In	0.371	-0.288	0.300	0.816	-0.246	0.207	0.074	0.503	0.236	-0.416	0.151
K	0.191	-0.407	0.401	0.742	-0.256	0.350	-0.011	0.425	0.000	-0.059	-0.014
La	0.366	0.166	0.111	0.506	-0.320	-0.025	-0.097	0.399	-0.085	-0.045	0.177
Li	-0.320	0.289	-0.405	-0.530	0.097	0.044	-0.024	-0.383	0.512	0.085	-0.265
Mg	-0.582	0.058	0.229	-0.286	-0.279	0.638	-0.098	-0.354	0.339	0.151	-0.274
Mn	0.204	0.252	-0.316	0.235	-0.146	-0.046	0.005	0.266	0.511	-0.353	0.013
Mo	0.529	-0.346	0.654	0.605	0.189	0.332	0.382	0.361	-0.352	0.071	0.238
Na	-0.149	-0.325	0.566	0.293	-0.097	0.470	-0.043	0.133	-0.292	0.224	-0.030
Nb	0.641	-0.491	0.441	0.556	0.210	0.093	0.352	0.295	-0.232	0.000	0.111
Ni	-0.322	0.584	-0.353	-0.367	-0.427	0.137	-0.133	-0.236	0.822	-0.297	-0.220
P	0.518	-0.565	0.345	0.884	0.048	0.113	0.103	0.534	-0.096	-0.195	0.273
Pb	0.435	0.217	-0.237	0.400	-0.010	-0.227	0.021	0.517	0.277	-0.258	0.181
Rb	0.344	-0.563	0.458	0.890	0.024	0.313	0.101	0.427	-0.115	-0.160	0.093
Re	0.036	-0.484	0.332	0.538	-0.186	0.177	-0.134	0.414	-0.174	-0.053	0.018
S	0.592	-0.290	0.195	0.427	0.216	-0.143	0.221	0.509	-0.370	0.315	0.072
Sb	0.693	-0.506	0.313	0.594	0.163	-0.093	0.198	0.422	-0.371	0.119	0.223
Sc	-0.045	0.287	0.050	-0.011	0.162	-0.118	-0.050	0.584	-0.127	0.402	0.015
Se	0.471	-0.339	0.284	0.599	0.563	-0.207	0.177	0.675	-0.539	0.159	0.305
Sn	0.142	-0.438	0.730	0.609	0.020	0.611	0.286	0.034	-0.028	-0.187	0.117
Sr	0.095	-0.282	0.284	0.218	0.398	-0.063	0.038	0.469	-0.580	0.562	0.066
Ta	0.285	-0.317	-0.051	-0.036	0.856	-0.562	0.243	0.288	-0.738	0.323	0.259
Te	1	-0.035	0.137	0.400	0.157	-0.208	0.382	0.369	-0.327	0.151	0.284
Th	-0.035	1	-0.330	-0.457	-0.211	-0.151	-0.229	-0.068	0.254	0.195	0.005
Ti	0.137	-0.330	1	0.461	-0.088	0.661	0.300	-0.006	-0.171	-0.074	0.222
Tl	0.400	-0.457	0.461	1	-0.068	0.302	0.126	0.527	-0.018	-0.301	0.214
U	0.157	-0.211	-0.088	-0.068	1	-0.479	0.204	0.311	-0.532	0.263	0.242
V	-0.208	-0.151	0.661	0.302	-0.479	1	0.085	-0.322	0.423	-0.312	-0.097
W	0.382	-0.229	0.300	0.126	0.204	0.085	1	0.026	-0.133	-0.023	0.080
Y	0.369	-0.068	-0.006	0.527	0.311	-0.322	0.026	1	-0.161	0.228	0.206
Zn	-0.327	0.254	-0.171	-0.018	-0.532	0.423	-0.133	-0.161	1	-0.344	-0.374
Zr	0.151	0.195	-0.074	-0.301	0.263	-0.312	-0.023	0.228	-0.344	1	-0.013
Au	0.284	0.005	0.222	0.214	0.242	-0.097	0.080	0.206	-0.374	-0.013	1

Values in bold are different from 0 with a significance level alpha=0.05