	ZR	TI	CU	CO	NI	LI	SC	V	CR	B
SI	0.151	-0.896	-0.630	-0.749	0.229	0.713	-0.868	-0.879	-0.412	0.541
RB	0.602	-0.794	-0.759	-0.893	-0.154	0.475	-0.716	-0.845	-0.866	0.404
BA	0.522	-0.696	-0.498	-0.802	-0.492	0.144	-0.546	-0.588	-0.840	0.176
MN	-0.283	0.933	0.718	0.896	-0.061	-0.580	0.921	0.909	0.622	-0.489
BARB	-0.033	-0.054	0.319	-0.051	-0.656	-0.517	0.107	0.261	-0.152	-0.348
BASR	0.220	-0.900	-0.505	-0.772	-0.347	0.271	-0.717	-0.710	-0.653	0.358
NICO	0.068	-0.319	-0.500	-0.430	0.883	0.837	-0.686	-0.598	0.032	0.476
CRV	-0.792	0.047	0.221	0.388	0.697	0.257	-0.120	0.065	0.842	0.100
CIN	-0.602	0.795	0.802	0.918	0.044	-0.583	0.760	0.890	0.828	-0.437
DIN	0.553	-0.832	-0.774	-0.915	-0.038	0.574	-0.788	-0.891	-0.799	0.439
ZR	1.000	-0.018	-0.478	-0.524	-0.170	0.228	-0.066	-0.301	-0.827	0.085
TI	-0.018	1.000	0.578	0.739	0.049	-0.408	0.860	0.833	0.459	-0.371
CU	-0.478	0.578	1.000	0.873	-0.116	-0.693	0.718	0.906	0.681	-0.454
CO	-0.524	0.739	0.873	1.000	0.041	-0.608	0.836	0.907	0.798	-0.376
NI	-0.170	0.049	-0.116	0.041	1.000	0.606	-0.312	-0.189	0.434	0.326
LI	0.228	-0.408	-0.693	-0.608	0.606	1.000	-0.692	-0.750	-0.206	0.653
SC	-0.066	0.860	0.718	0.836	-0.312	-0.692	1.000	0.914	0.385	-0.454
V	-0.301	0.833	0.906	0.907	-0.189	-0.750	0.914	1.000	0.590	-0.482
CR	-0.827	0.459	0.681	0.798	0.434	-0.206	0.385	0.590	1.000	-0.172
B	0.085	-0.371	-0.454	-0.376	0.326	0.653	-0.454	-0.482	-0.172	1.000
KRB	0.304	0.109	-0.025	-0.145	-0.160	-0.288	-0.015	0.032	-0.302	-0.592
RBSR	0.219	-0.934	-0.655	-0.776	-0.074	0.487	-0.808	-0.858	-0.605	0.499
FECO	0.543	0.118	-0.569	-0.546	-0.072	0.318	-0.205	-0.307	-0.512	-0.031
CUFE	-0.461	0.311	0.950	0.719	-0.165	-0.642	0.532	0.748	0.565	-0.369
TIZR	-0.670	0.750	0.760	0.885	0.090	-0.508	0.687	0.833	0.861	-0.378
SCY	-0.775	0.324	0.622	0.769	-0.067	-0.417	0.503	0.566	0.774	-0.198
NIV	-0.014	-0.371	-0.498	-0.387	0.885	0.821	-0.690	-0.619	0.078	0.472
SR	0.449	0.803	0.272	0.322	-0.108	-0.353	0.666	0.576	-0.030	-0.440
GA	0.079	0.667	0.594	0.480	-0.147	-0.629	0.613	0.751	0.187	-0.306
Y	0.386	0.797	0.453	0.504	-0.348	-0.579	0.859	0.721	-0.029	-0.423
TF1	0.544	0.622	0.314	0.166	-0.329	-0.327	0.555	0.521	-0.226	-0.204
TF2	-0.145	0.989	0.656	0.823	0.044	-0.473	0.887	0.881	0.559	-0.411
TF3	0.005	0.999	0.560	0.727	0.064	-0.392	0.854	0.820	0.445	-0.364
TF4	0.309	0.848	0.461	0.469	-0.375	-0.541	0.821	0.745	0.024	-0.410
TRF1	0.066	-0.849	-0.230	-0.575	-0.316	0.109	-0.612	-0.514	-0.458	0.282
TRF2	0.771	-0.544	-0.620	-0.857	-0.148	0.422	-0.572	-0.645	-0.880	0.357
TRF3	-0.579	0.613	0.722	0.907	0.046	-0.641	0.719	0.769	0.765	-0.558
TRF4	-0.584	0.764	0.717	0.936	0.143	-0.509	0.753	0.810	0.838	-0.453
SIO	0.400	-0.893	-0.721	-0.864	0.058	0.622	-0.839	-0.904	-0.666	0.485
TIO	0.053	0.996	0.544	0.698	-0.012	-0.427	0.866	0.819	0.383	-0.390
ALO	-0.080	0.880	0.665	0.689	-0.227	-0.709	0.831	0.888	0.372	-0.570
FEO	-0.259	0.953	0.659	0.841	-0.032	-0.562	0.380	0.886	0.594	-0.476
CAO	-0.586	0.811	0.786	0.916	0.080	-0.542	0.757	0.880	0.836	-0.425
MGO	-0.772	0.624	0.695	0.866	0.069	-0.492	0.616	0.743	0.869	-0.312
NAO	0.744	-0.584	-0.834	-0.921	-0.242	0.424	-0.597	-0.768	-0.947	0.312
KO	0.677	-0.721	-0.747	-0.881	-0.207	0.396	-0.652	-0.793	-0.918	0.324
PO	0.458	0.760	0.129	0.285	-0.268	-0.419	0.667	0.495	-0.156	-0.444
MF1	0.472	-0.872	-0.750	-0.893	0.008	0.598	-0.820	-0.903	-0.735	0.465
MF2	-0.080	-0.927	-0.503	-0.619	0.216	0.595	-0.846	-0.805	-0.253	0.510
MF3	0.809	-0.423	-0.484	-0.739	-0.231	0.201	-0.411	-0.481	-0.853	0.094
MRF1	0.545	-0.834	-0.769	-0.910	-0.017	0.583	-0.793	-0.392	-0.786	0.445
MRF2	0.066	-0.949	-0.579	-0.718	0.169	0.609	-0.875	-0.856	-0.391	0.510
MRF3	0.370	-0.899	-0.754	-0.861	0.069	0.644	-0.847	-0.927	-0.653	0.510