	ALO	FEO	CAO	MGO	NAO	KO	PO	MF1	MF2	MF3
SI	-0.964	-0.953	-0.839	-0.707	0.562	0.691	-0.776	0.916	0.964	0.434
RB	-0.762	-0.899	-0.988	-0.924	0.907	0.989	-0.310	0.963	0.683	0.762
BA	-0.459	-0.761	-0.823	-0.827	0.845	0.847	-0.244	0.787	0.477	0.851
MN	0.866	0.986	0.925	0.811	-0.756	-0.841	0.630	-0.961	-0.874	-0.631
BARB	0.350	0.007	0.055	-0.043	0.092	-0.007	0.007	-0.076	-0.178	0.345
BASR	-0.710	-0.899	-0.830	-0.712	0.717	0.803	-0.578	0.850	0.752	0.611
NICO	-0.541	-0.437	-0.356	-0.338	0.203	0.222	-0.408	0.431	0.505	0.130
CRV	-0.109	0.170	0.457	0.577	-0.651	-0.610	-0.477	-0.321	0.189	-0.730
CIN	0.801	0.917	0.998	0.948	-0.900	-0.961	0.356	-0.985	-0.721	-0.767
DIN	-0.820	-0.944	-0.997	-0.939	0.878	0.951	-0.418	0.994	0.760	0.761
ZR	-0.080	-0.259	-0.586	-0.772	0.744	0.677	0.458	0.472	-0.080	0.809
TI	0.880	0.953	0.811	0.624	-0.584	-0.721	0.760	-0.872	-0.927	-0.423
CU	0.665	0.659	0.786	0.695	-0.834	-0.747	0.129	-0.750	-0.503	-0.484
CO	0.689	0.841	0.916	0.866	-0.921	-0.881	0.285	-0.893	-0.619	-0.739
NI	-0.227	-0.032	0.080	0.069	-0.242	-0.207	-0.268	0.008	0.216	-0.231
LI	-0.709	-0.562	-0.542	-0.492	0.424	0.396	-0.419	0.598	0.595	0.201
SC	0.831	0.880	0.757	0.616	-0.597	-0.652	0.667	-0.820	-0.846	-0.411
V	0.888	0.886	0.880	0.743	-0.768	-0.793	0.495	-0.903	-0.805	-0.481
CR	0.372	0.594	0.836	0.869	-0.947	-0.918	-0.156	-0.735	-0.253	-0.853
B	-0.570	-0.476	-0.425	-0.312	0.312	0.324	-0.444	0.465	0.510	0.094
KRB	0.275	0.101	-0.042	-0.112	0.203	0.229	0.487	-0.040	-0.301	0.259
RBSR	-0.903	-0.948	-0.888	-0.710	0.695	0.847	-0.617	0.920	0.876	0.469
FECO	0.112	-0.012	-0.247	-0.351	0.567	0.306	0.485	0.147	-0.250	0.424
CUFE	0.448	0.393	0.572	0.508	-0.711	-0.558	-0.109	-0.513	-0.247	-0.327
TIZR	0.738	0.882	0.989	0.971	-0.909	-0.970	0.283	-0.965	-0.658	-0.821
SCY	0.331	0.531	0.731	0.821	-0.764	-0.746	-0.111	-0.662	-0.251	-0.817
NIV	-0.607	-0.454	-0.349	-0.287	0.157	0.214	-0.466	0.434	0.566	0.034
SR	0.788	0.673	0.404	0.126	-0.114	-0.305	0.865	-0.516	-0.851	0.147
GA	0.850	0.626	0.535	0.317	-0.323	-0.426	0.568	-0.601	-0.754	0.051
Y	0.780	0.706	0.441	0.225	-0.221	-0.301	0.853	-0.559	-0.843	0.020
TF1	0.678	0.448	0.215	-0.065	0.069	-0.083	0.697	-0.319	-0.704	0.360
TF2	0.885	0.981	0.880	0.719	-0.685	-0.798	0.698	-0.926	-0.910	-0.524
TF3	0.872	0.945	0.796	0.606	-0.570	-0.707	0.768	-0.858	-0.924	-0.408
TF4	0.836	0.766	0.533	0.295	-0.207	-0.382	0.862	-0.645	-0.931	0.004
TRF1	-0.606	-0.827	-0.681	-0.592	0.502	0.635	-0.680	0.731	0.730	0.551
TRF2	-0.481	-0.737	-0.882	-0.957	0.896	0.887	-0.115	0.834	0.433	0.941
TRF3	0.615	0.779	0.853	0.848	-0.869	-0.833	0.272	-0.835	-0.546	-0.740
TRF4	0.686	0.892	0.954	0.934	-0.912	-0.931	0.349	-0.938	-0.650	-0.837
SIO	-0.906	-0.982	-0.965	-0.872	0.767	0.879	-0.584	0.995	0.874	0.651
TIO	0.893	0.940	0.771	0.572	-0.518	-0.667	0.810	-0.845	-0.950	-0.356
ALO	1.000	0.906	0.798	0.605	-0.513	-0.666	0.746	-0.870	-0.961	-0.272
FEO	0.906	1.000	0.924	0.802	-0.711	-0.834	0.683	-0.970	-0.916	-0.597
CAO	0.798	0.924	1.000	0.941	-0.896	-0.966	0.363	-0.986	-0.727	-0.769
MGO	0.605	0.802	0.941	1.000	-0.906	-0.928	0.176	-0.907	-0.533	-0.916
NAO	-0.513	-0.711	-0.896	-0.906	1.000	0.933	-0.010	0.825	0.398	0.841
KO	-0.666	-0.834	-0.966	-0.928	0.933	1.000	-0.178	0.919	0.577	0.805
PO	0.746	0.683	0.363	0.176	-0.010	-0.178	1.000	-0.508	-0.882	0.039
MF1	-0.870	-0.970	-0.986	-0.907	0.825	0.919	-0.508	1.000	0.825	0.705
MF2	-0.961	-0.916	-0.727	-0.533	0.398	0.577	-0.882	0.825	1.000	0.250
MF3	-0.272	-0.597	-0.769	-0.916	0.841	0.805	0.039	0.705	0.250	1.000
MRF1	-0.828	-0.948	-0.995	-0.938	0.867	0.944	-0.432	0.996	0.771	0.757
MRF2	-0.961	-0.967	-0.822	-0.660	0.530	0.689	-0.819	0.903	0.987	0.399
MRF3	-0.932	-0.977	-0.959	-0.842	0.761	0.874	-0.586	0.989	0.885	0.595