

	ALO	FEO	CAO	MGO	NAO	KO	PO	MF1	MF2	MF3
SI	-0.895	-0.838	-0.942	-0.789	0.351	0.840	-0.365	0.940	0.918	-0.077
RB	-0.906	-0.908	-0.911	-0.862	0.514	0.917	-0.455	0.952	0.831	-0.052
BA	-0.798	-0.753	-0.757	-0.610	0.478	0.743	-0.330	0.774	0.677	-0.273
MN	0.761	0.917	0.848	0.855	-0.625	-0.816	0.433	-0.878	-0.658	-0.182
BARB	-0.499	-0.425	-0.444	-0.243	0.306	0.402	-0.134	0.428	0.384	-0.377
BASR	-0.843	-0.790	-0.824	-0.636	0.435	0.797	-0.328	0.824	0.753	-0.286
NICO	-0.658	-0.420	-0.599	-0.362	0.242	0.493	-0.183	0.550	0.521	-0.511
CRV	-0.501	-0.407	-0.608	-0.128	-0.204	0.414	-0.175	0.452	0.644	-0.444
CIN	0.939	0.914	0.884	0.938	-0.738	-0.946	0.490	-0.962	-0.713	0.080
DIN	-0.936	-0.944	-0.914	-0.948	0.685	0.956	-0.506	0.982	0.764	-0.022
ZR	-0.619	-0.306	-0.650	-0.184	-0.101	0.346	0.178	0.532	0.753	-0.490
TI	0.879	0.880	0.911	0.830	-0.490	-0.919	0.425	-0.932	-0.814	0.050
CU	-0.194	-0.159	-0.081	-0.213	0.374	0.126	-0.394	0.130	-0.071	-0.155
CO	0.624	0.669	0.571	0.809	-0.657	-0.772	0.338	-0.695	-0.417	-0.167
NI	-0.415	-0.169	-0.374	-0.060	0.014	0.190	-0.043	0.283	0.348	-0.557
LI	-0.643	-0.729	-0.598	-0.662	0.517	0.807	-0.624	0.660	0.444	-0.101
SC	0.268	0.315	0.247	0.420	-0.255	-0.380	0.296	-0.319	-0.205	-0.166
V	0.553	0.602	0.644	0.628	-0.255	-0.661	0.333	-0.654	-0.594	-0.167
CR	-0.181	-0.079	-0.258	0.235	-0.372	0.047	0.038	0.087	0.323	-0.517
B	-0.089	-0.218	-0.082	-0.321	0.062	0.335	-0.287	0.162	0.084	0.253
KRB	-0.521	-0.548	-0.449	-0.584	0.391	0.684	-0.593	0.525	0.349	-0.066
RBSR	-0.948	-0.906	-0.964	-0.804	0.434	0.936	-0.400	0.968	0.899	-0.182
FECO	-0.041	0.018	0.065	-0.199	0.334	0.171	0.100	0.039	-0.170	0.069
CUFE	-0.458	-0.454	-0.368	-0.492	0.520	0.416	-0.535	0.429	0.195	-0.110
TIZR	0.841	0.648	0.876	0.544	-0.194	-0.696	0.101	-0.814	-0.890	0.334
SCY	0.114	0.274	0.106	0.247	-0.158	-0.257	0.257	-0.166	-0.083	-0.164
NIV	-0.690	-0.462	-0.692	-0.375	0.129	0.526	-0.230	0.607	0.646	-0.476
SR	0.828	0.725	0.851	0.564	-0.267	-0.783	0.215	-0.802	-0.805	0.350
GA	-0.227	-0.341	-0.234	-0.185	0.329	0.206	-0.135	0.242	0.123	-0.037
Y	0.238	0.064	0.232	0.279	-0.077	-0.207	0.105	-0.247	-0.236	-0.032
TF1	-0.608	-0.558	-0.565	-0.366	0.350	0.495	-0.209	0.552	0.496	-0.348
TF2	0.900	0.918	0.934	0.849	-0.533	-0.930	0.433	-0.955	-0.821	0.048
TF3	0.894	0.885	0.916	0.816	-0.494	-0.922	0.422	-0.935	-0.821	0.097
TF4	-0.327	-0.237	-0.207	-0.103	0.239	0.216	-0.070	0.231	0.202	-0.363
TRF1	-0.837	-0.776	-0.819	-0.594	0.419	0.752	-0.335	0.802	0.738	-0.342
TRF2	-0.714	-0.771	-0.747	-0.632	0.507	0.654	-0.311	0.749	0.613	-0.075
TRF3	0.852	0.829	0.839	0.694	-0.467	-0.817	0.383	-0.852	-0.762	0.216
TRF4	0.869	0.883	0.878	0.759	-0.539	-0.844	0.394	-0.895	-0.766	0.133
SIO	-0.942	-0.913	-0.986	-0.840	0.398	0.922	-0.465	0.987	0.938	-0.095
TIO	0.904	0.880	0.948	0.841	-0.467	-0.906	0.378	-0.960	-0.867	0.043
ALO	1.000	0.832	0.928	0.804	-0.521	-0.918	0.426	-0.953	-0.846	0.348
FEO	0.832	1.000	0.894	0.917	-0.564	-0.936	0.618	-0.944	-0.768	-0.154
CAO	0.928	0.894	1.000	0.779	-0.369	-0.891	0.386	-0.968	-0.932	0.142
MGO	0.804	0.917	0.779	1.000	-0.733	-0.907	0.609	-0.903	-0.625	-0.225
NAO	-0.521	-0.564	-0.369	-0.733	1.000	0.564	-0.295	0.537	0.065	0.098
KO	-0.918	-0.936	-0.891	-0.907	0.564	1.000	-0.600	0.953	0.783	-0.076
PO	0.426	0.618	0.386	0.609	-0.295	-0.600	1.000	-0.492	-0.372	-0.176
MF1	-0.953	-0.944	-0.968	-0.903	0.537	0.953	-0.492	1.000	0.871	-0.062
MF2	-0.846	-0.768	-0.932	-0.625	0.065	0.783	-0.372	0.871	1.000	-0.189
MF3	0.348	-0.154	0.142	-0.225	0.098	-0.076	-0.176	-0.062	-0.189	1.000
MRF1	-0.939	-0.954	-0.944	-0.936	0.614	0.959	-0.505	0.995	0.818	-0.014
MRF2	-0.858	-0.838	-0.953	-0.713	0.159	0.833	-0.420	0.914	0.990	-0.083
MRF3	-0.979	-0.913	-0.973	-0.862	0.509	0.948	-0.463	0.994	0.887	-0.173