

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9
TRANG_TH	-0.02111	0.007224	0.004319	0.004961	-0.00533	0.0113906	0.008951	0.0237820	0.0153706
CD_2G	0.0484454	0.0331704	0.06845	0.0142634	0.057477	0.007055	0.006039	0.043927	0.082148
HVC_T	0.1117898	-0.13038	-0.11908	-0.05073	-0.02725	-0.01026	-0.00254	0.0278494	0.012819
HVC_T_1	0.1071152	-0.12289	-0.11428	-0.06297	-0.03865	0.0148563	0.045084	0.013018	0.00033
HVC_T_2	0.099006	-0.10974	-0.09849	-0.06087	-0.03866	0.0608331	0.0120268	0.0121552	-0.00299
NAP_THE_10	0.1133089	-0.11806	-0.09719	-0.05667	0.0150581	-0.08968	-0.15255	0.078787	0.0223190
TKC_T	0.1275524	-0.13283	-0.11138	-0.06759	0.008012	-0.09812	-0.14946	0.067215	0.0187866
TKKM_T	0.1027720	-0.07391	-0.0208	-0.00339	0.061525	-0.04769	-0.09016	0.1164536	0.0229172
TKC_THOA	0.1430987	-0.05117	0.058173	-0.05425	0.1009613	-0.01796	-0.04482	0.082685	0.0476
TKKM_THO	0.1023731	-0.06606	-0.00592	-0.04558	0.05728	-0.02964	-0.05563	0.1179073	0.0224804
TKC_THOA	0.1124460	0.0123524	-0.00553	-0.058	0.2111486	0.0186381	-0.02163	0.080318	0.0483806
TKC_THOA	0.130055	-0.05784	0.1309015	-0.00873	0.020703	-0.0353	-0.04476	0.090532	0.036447
TKC_SMS_1	0.0259296	-0.04641	-0.06628	0.2128433	0.067708	-0.15648	-0.3254	0.0106036	0.014765
TKKM_SMS	0.031435	-0.04697	-0.05403	0.1348972	0.031722	-0.07214	-0.13765	0.0294932	0.00814
TKC_SMS_1	0.0126133	-0.02767	-0.0547	0.1450561	0.070336	-0.15367	-0.33768	0.009739	0.0196339
TKC_SMS_1	0.032008	-0.0483	-0.04349	0.2098787	0.0224616	-0.07252	-0.12691	-0.00155	-0.00561
TKC_DATA_1	0.052213	-0.10895	-0.146	-0.11252	-0.0829	-0.0408	-0.04734	-0.06874	-0.01284
TKKM_DATA_1	0.000744	-0.00141	-0.0034	-0.00278	-0.00015	0.001249	-0.00058	-0.00353	-0.00339
TKC_KHAC	0.005595	-0.00273	-0.0011	-0.00188	0.0130408	0.002581	-0.00061	0.052776	-0.06469
TKC_VAS_T	0.0441793	-0.07791	-0.09593	-0.06949	-0.03386	-0.05548	-0.04297	0.1041195	-0.00232
LL_THOAI_1	0.095096	0.2146572	-0.09706	0.0153007	-0.14959	-0.03916	-0.02313	0.1000071	0.014353
LL_ONNET_1	0.060299	0.2123869	-0.12352	0.019798	-0.21087	-0.04063	-0.02075	0.1566762	0.0166087
LL_ONNET_1	0.059328	0.096047	-0.05547	-0.03077	0.2108308	0.0273497	0.008275	-0.13461	-0.01539
LL_OFFNET_1	0.081088	0.004033	0.1009890	0.033251	-0.09198	-0.03073	-0.01283	-0.04345	-0.00462
LL_OFFNET_10	0.1280242	-0.04126	0.1392922	0.000389	0.002801	-0.04771	-0.04828	0.037366	0.049289
LL_SMS_T	0.0573	-0.05312	-0.10818	0.1872698	0.0619500	-0.13183	-0.23915	-0.09061	-0.04422
LL_SMS_OI	0.0104848	-0.02644	-0.05258	0.1387128	0.068163	-0.15534	-0.33912	0.007759	0.0197525
LL_SMS_OI	0.0180791	-0.03554	-0.05547	0.2075484	0.0141114	-0.03604	-0.08479	-0.09791	-0.06703
LL_DATA_T	0.0165034	-0.05966	-0.10686	-0.09608	-0.10118	-0.02139	-0.01852	-0.18933	-0.0501
TKC_MYTV	0.0252332	-0.04576	-0.07521	-0.07254	-0.06218	-0.01354	-0.00976	-0.15209	-0.01452
NAP_THE_10	0.1100709	-0.12488	-0.12031	-0.06655	-0.01901	-0.09236	0.099117	0.058832	0.007117
TKC_T_1	0.1146765	-0.13298	-0.1322	-0.07629	-0.02847	-0.08548	0.099635	0.051472	0.004489
TKKM_T_1	0.1008061	-0.0757	-0.02713	0.0185600	0.0505959	-0.05401	0.09174	0.1061534	0.0149348
TKC_THOA	0.1569804	-0.05609	0.052111	-0.05844	0.091575	0.0179308	0.0169553	0.057756	0.0248225
TKKM_THO	0.1013488	-0.06556	-0.00537	-0.04155	0.044679	-0.01206	0.030858	0.1049267	0.009337
TKC_THOA	0.1150476	0.0132493	-0.01177	-0.05712	0.2134242	0.036897	0.0129379	0.070107	0.0378883
TKC_THOA	0.1449146	-0.06438	0.1389144	-0.00493	0.002412	-0.00284	0.0130247	0.076019	0.009607
TKC_SMS_1	0.0296354	-0.05367	-0.07929	0.2291855	0.04923	-0.20826	0.3115359	0.0254662	0.0286882
TKKM_SMS	0.0298532	-0.04788	-0.06097	0.1509995	0.0299412	-0.11807	0.1754904	0.035786	0.0181468
TKC_SMS_1	0.014554	-0.03404	-0.06825	0.1658007	0.052553	-0.21812	0.3447143	0.0260825	0.033697
TKC_SMS_1	0.043731	-0.06125	-0.04823	0.2375261	0.00606	-0.05505	0.0442628	-0.00054	-0.00514
TKC_DATA_1	0.052361	-0.11475	-0.15932	-0.12035	-0.1033	-0.02131	0.008261	-0.09579	-0.02124
TKKM_DATA_1	0.000747	-0.00145	-0.0034	-0.00278	-0.00017	0.001254	-0.00058	-0.0035	-0.00339

TKC_KHAC	0.007655	-0.00368	-0.00128	-0.00339	0.0156367	0.003458	0.000995	0.0624739	-0.07804
TKC_VAS_T	0.035803	-0.0718	-0.09468	-0.06961	-0.04155	-0.05597	0.034511	0.092783	-0.00157
LL_THOAI_	0.1033358	0.2167447	-0.09937	0.0150118	-0.13754	-0.02783	-0.00331	0.072643	0.00152
LL_ONNET_	0.063515	0.2180622	-0.12862	0.018548	-0.2011	-0.03679	-0.01568	0.1496285	0.013889
LL_ONNET_	0.062143	0.09422	-0.0639	-0.03019	0.2161452	0.032875	0.0222997	-0.14264	-0.02429
LL_OFFNET	0.08096	0.0146240	0.1026092	0.043323	-0.14392	-0.02373	0.008791	-0.0684	-0.02153
LL_OFFNET	0.1461790	-0.05497	0.1363883	-0.00235	-0.01372	-0.01081	0.0199459	0.017752	0.0148748
LL_SMS_T_	0.062874	-0.06259	-0.12298	0.1981583	0.0468026	-0.16739	0.2193851	-0.07796	-0.03499
LL_SMS_OI	0.0124572	-0.03323	-0.0668	0.1618347	0.0509658	-0.22253	0.3499091	0.025103	0.0339942
LL_SMS_OI	0.0218167	-0.04078	-0.06084	0.2190427	0.005562	-0.02357	-0.01198	-0.10651	-0.07126
LL_DATA_T	0.0157653	-0.06073	-0.11094	-0.10213	-0.1132	-0.01365	-0.00226	-0.2126	-0.05158
TKC_MYTV_	0.0249345	-0.04586	-0.07927	-0.07652	-0.06981	-0.00385	0.003003	-0.17077	-0.01795
NAP_THE_10	0.1186859	-0.1284	-0.11548	-0.06277	-0.04006	0.1248802	0.017109	0.046484	0.002862
TKC_T_2	0.1280596	-0.13863	-0.12591	-0.06999	-0.04649	0.12843	0.0175970	0.037408	8.3812538
TKKM_T_2	0.08917	-0.0685	-0.02496	0.0177488	0.0199476	0.1278438	0.0190816	0.099244	0.0114048
TKC_THOA	0.1399464	-0.05785	0.0386070	-0.0595	0.073935	0.063629	0.0212278	0.063087	0.0154698
TKKM_THO	0.09447	-0.06223	-0.00606	-0.03731	0.0300904	0.063468	0.017189	0.0969	0.000812
TKC_THOA	0.1127846	0.010411	-0.01239	-0.05805	0.1993664	0.064259	0.017468	0.070726	0.0311492
TKC_THOA	0.1376881	-0.06545	0.1259205	-0.00892	-0.00287	0.041267	0.019659	0.076695	0.000503
TKC_SMS_1	0.032435	-0.05752	-0.08237	0.2447340	-0.0299	0.3395393	0.009999	0.031374	0.051448
TKKM_SMS	0.0292267	-0.04648	-0.059	0.1493736	-0.01826	0.2117718	0.0116500	0.0354273	0.030417
TKC_SMS_0	0.0161873	-0.03691	-0.0717	0.1814005	-0.03045	0.3688079	0.0129739	0.034111	0.060473
TKC_SMS_0	0.043169	-0.05943	-0.0464	0.2268485	-0.01439	0.068645	-0.00278	-0.00088	-0.00272
TKC_DATA_0	0.0502351	-0.11224	-0.15678	-0.11474	-0.10583	0.029374	0.004171	-0.09306	-0.02571
TKKM_DAT	0.000918	-0.00326	-0.00197	0.001491	0.001777	0.0165073	0.00249	0.0184461	0.002422
TKC_KHAC	0.007945	-0.0037	-0.001	-0.004	0.0154659	0.005076	0.001038	0.064507	-0.07851
TKC_VAS_T	0.0434061	-0.0769	-0.09589	-0.06723	-0.04928	0.0114432	0.004133	0.088909	-0.0107
LL_THOAI_	0.098763	0.2072034	-0.10915	0.0163900	-0.104	-0.01435	0.001169	0.051638	-0.01022
LL_ONNET_	0.061694	0.2139839	-0.12763	0.017354	-0.19436	-0.03124	-0.0142	0.1440634	0.0112842
LL_ONNET_	0.0499577	0.075152	-0.06682	-0.00888	0.1921669	0.0211201	0.0207907	-0.14114	-0.03514
LL_OFFNET	0.079957	0.0113600	0.1007218	0.042473	-0.13859	-0.00941	0.0115397	-0.06667	-0.02498
LL_OFFNET	0.1456682	-0.06612	0.1164353	-0.01132	-0.01505	0.04576	0.0247156	0.0304250	-0.00483
LL_SMS_T_	0.068635	-0.07862	-0.1278	0.2181954	-0.04523	0.2914588	0.000947	-0.05161	-0.01756
LL_SMS_OI	0.013586	-0.03557	-0.06935	0.1751838	-0.03421	0.3749692	0.0125312	0.0325325	0.061111
LL_SMS_OI	0.02168	-0.04038	-0.06014	0.2159379	-0.00244	0.0269595	-0.02936	-0.10579	-0.07038
LL_DATA_T	0.0145843	-0.05923	-0.10828	-0.09832	-0.11234	0.003118	-0.00073	-0.20616	-0.05055
TKC_MYTV_	0.0238477	-0.04314	-0.07599	-0.07114	-0.06734	0.0104025	0.00422	-0.1608	-0.01969
is_fiber	0.01967	0.002853	0.0156585	0.005053	0.015491	0.008279	0.002558	0.0206826	-0.08417
device_type	-0.00811	-0.03292	-0.04928	-0.02802	-0.0495	0.00549	-0.00079	-0.07376	-0.12895
device_spa	-0.01841	0.001289	0.001474	-0.0058	0.00633	-0.02081	-0.01336	0.017721	0.043857
simslot	-0.00976	0.020249	0.030467	0.024874	0.033652	-0.01125	-0.00222	0.0525305	0.090436
id_home	-0.00181	-0.00869	-0.00751	-0.00553	-0.03043	-0.0125	-0.00523	-0.02136	0.5026285
role_home	-0.00181	-0.00869	-0.00751	-0.00553	-0.03043	-0.0125	-0.00523	-0.02136	0.5026285
package_h	-0.00176	-0.00742	-0.0073	-0.00529	-0.02992	-0.01241	-0.00503	-0.02314	0.494786

is_tieudunđ	0.071843	-0.05723	-0.04205	-0.03412	0.0109518	-0.03639	-0.05835	0.0287306	0.006082
is_sim_bun	-0.01189	-0.00765	-0.01682	-0.01093	-0.01973	-0.00423	-0.00308	-0.03262	0.039061
package_ki	0.0173641	0.0402427	-0.02796	-0.00704	0.087772	0.0205336	0.00876	-0.08484	-0.00111
package_ki	0.019083	0.0421868	-0.03064	-0.00735	0.089802	0.020992	0.009341	-0.08893	-0.00069
tapuutien	-0.01801	-0.01507	-0.02455	-0.01394	-0.04063	-0.00672	-0.01367	-0.07756	-0.10898
sum_voice	0.1781368	0.1241600	0.055377	0.0176676	-0.01476	-0.02644	-0.02311	-0.06595	0.010623
voice_den_0	0.1123754	0.2172242	-0.09045	0.008328	-0.07984	-0.01886	-0.01547	0.045491	0.009724
voice_di_ni	0.1196286	0.1047127	-0.02431	-0.03792	0.2445801	0.027775	-0.00253	-0.12848	0.00749
voice_den_0	0.1327353	0.00027	0.1663801	0.058458	-0.12631	-0.03662	-0.01105	-0.11897	-0.01942
voice_di_nđ	0.1451593	-0.03548	0.1641302	0.0177135	-0.02543	-0.04383	-0.03707	-0.02457	0.0337635
voice_nm_i0	0.1350029	0.2029257	-0.07564	-0.01145	0.055254	-0.00071	-0.01219	-0.02649	0.0103696
voice_nhoa	0.1564388	-0.01855	0.1866934	0.044526	-0.08944	-0.04515	-0.02619	-0.08456	0.006118
amount_na	0.095212	-0.09996	-0.11301	-0.05731	-0.00263	-0.08113	-0.13038	-0.01385	0.0244213
sum_voice	0.1888503	0.11649	0.0478084	0.0143534	-0.00815	-0.00186	0.0151957	-0.08945	-0.00973
voice_den_0	0.1183535	0.2162223	-0.09053	0.00744	-0.07134	-0.01083	-0.00343	0.0279357	0.002837
voice_di_ni	0.1260852	0.099652	-0.04152	-0.0446	0.2604458	0.0481848	0.025983	-0.14399	-0.00969
voice_den_0	0.1406230	-0.00216	0.1736173	0.06433	-0.14602	-0.02663	0.009292	-0.13067	-0.02867
voice_di_nđ	0.1581821	-0.04958	0.1558104	0.0148709	-0.03835	-0.01147	0.017727	-0.04061	0.004466
voice_nm_i0	0.1432340	0.1981623	-0.08287	-0.01652	0.077167	0.0159142	0.0102546	-0.05063	-0.00274
voice_nhoa	0.1670415	-0.02787	0.1850496	0.0455707	-0.1059	-0.02172	0.0149405	-0.09815	-0.01436
amount_na	0.093838	-0.10725	-0.13381	-0.05796	-0.02718	-0.09048	0.090561	-0.02167	0.011527
sum_voice	0.1846314	0.1051726	0.028178	0.008203	0.009756	0.0348598	0.0228278	-0.08501	-0.02578
voice_den_0	0.1172489	0.2135636	-0.09988	0.003811	-0.06273	0.003811	0.000201	0.035912	-0.00208
voice_di_ni	0.1201353	0.086295	-0.05557	-0.04087	0.2535430	0.065163	0.0303588	-0.1438	-0.02719
voice_den_0	0.1371536	-0.00583	0.1683944	0.063029	-0.14252	-0.00585	0.0129233	-0.12222	-0.03334
voice_di_nđ	0.1541542	-0.05933	0.132201	0.006794	-0.03746	0.0353379	0.023658	-0.02872	-0.01406
voice_nm_i0	0.1404265	0.1858576	-0.09495	-0.01906	0.092554	0.0368853	0.01615	-0.05227	-0.01571
voice_nhoa	0.1646224	-0.03686	0.1698318	0.039414	-0.10162	0.0166907	0.0206787	-0.08522	-0.02677
amount_na	0.1021479	-0.11069	-0.13373	-0.0556	-0.05142	0.1058099	0.0122685	-0.03621	0.006431
tuoi	0.009115	0.0229720	0.060794	0.0215435	0.049345	0.0106397	0.003806	0.1024233	-0.00124
gender	0.003549	-0.00154	0.0147339	0.001219	-0.00024	0.00168	0.002367	0.0149921	-0.00186
interval_tol	0.043764	-0.02109	0.0293932	0.007613	0.0287219	0.018348	0.003228	0.2288658	-0.19212
interval_tot	0.0349076	-0.01717	0.0310698	0.009489	0.0291743	0.020163	0.006129	0.2437828	-0.19035
interval_toc	0.0348897	-0.01717	0.0310586	0.009471	0.0291660	0.0201592	0.006125	0.2437767	-0.19031

PC10	PC11	PC12	PC13	PC14	PC15	PC16	PC17	PC18	PC19
0.032804	-0.00142	-0.04014	-0.04422	-0.02396	-0.00884	-0.04189	-0.01114	-0.00376	-0.00204
-0.03634	-0.03652	-0.04392	-0.13645	-0.24687	-0.16608	-0.14541	0.0419832	-0.02946	-0.04525
-0.01737	-0.01092	-0.05431	-0.05323	-0.05092	-0.02036	-0.03781	0.009142	0.000733	-0.01688
0.00798	0.0122389	-0.05967	-0.09557	-0.0135	-0.0503	-0.04533	0.0117333	0.004865	-0.00622
0.0166543	0.022506	-0.06273	-0.09496	0.003091	-0.05303	-0.04217	0.0102592	0.007927	-0.00082
-0.05581	-0.06369	0.1008901	0.073975	-0.08842	0.077204	0.0199206	-0.01532	-0.00197	-0.01824
-0.04934	-0.06397	0.091343	0.051105	-0.09941	0.083916	0.0376763	-0.01523	-0.00518	-0.01943
-0.04417	0.074073	0.004379	0.2699895	0.08075	-0.06261	-0.24864	0.038017	0.0352874	0.07675
-0.08354	0.084651	-0.04096	0.1132978	-0.14999	0.1138517	0.1568318	-0.03883	-0.00506	-0.01994
-0.04483	0.086309	0.0223727	0.2746006	0.069111	-0.04976	-0.23001	0.0343538	0.0297548	0.06286
-0.04793	0.060919	0.0151883	0.102776	-0.0534	-0.08613	0.1534553	-0.03977	-0.03822	-0.04866
-0.08862	0.086773	-0.02504	0.1285392	-0.12663	0.1751525	0.073246	-0.02224	-0.00652	-0.06051
-0.02463	-0.12485	-0.14653	-0.10779	0.075249	-0.02485	0.052006	-0.00751	-0.00546	-0.00715
-0.01087	-0.01766	-0.05665	0.064371	0.0612319	-0.0597	-0.13299	0.0230517	0.0264	0.067901
-0.03639	-0.17435	-0.16084	-0.11457	0.1085886	-0.01864	0.086447	-0.00976	-0.01557	-0.03344
0.0148942	0.03404	-0.03688	-0.0342	-0.01523	-0.0275	-0.04706	0.003442	0.0150962	0.041511
0.032885	0.002178	-0.00118	0.1332817	0.0132526	0.003419	-0.04264	-0.00705	-0.0345	-0.09124
0.0109143	-0.00636	-0.00756	-0.00407	-0.01959	-0.01977	0.007975	-0.03674	0.6578734	-0.23983
0.090048	-0.03213	-0.01199	0.043051	-0.0315	-0.00901	0.1061685	0.4926893	0.012142	-0.03488
-0.03443	-0.13649	0.2738146	-0.07818	-0.08316	0.056915	-0.06419	0.003933	0.022655	0.0523309
-0.04123	0.0594835	-0.03402	0.024145	-0.03257	0.155321	-0.04786	0.0140004	0.007895	-0.00908
-0.0454	0.088632	-0.04874	0.006202	-0.01057	0.048607	0.018515	-0.00132	0.006978	-0.00424
0.026343	-0.04244	0.002797	-0.02288	-0.01417	0.335245	-0.20926	0.050635	0.006426	-0.00667
0.005934	-0.07106	0.052853	0.052447	-0.02978	0.022286	-0.04439	0.0105462	-0.00342	-0.00252
-0.09627	0.049132	-0.00606	0.1707573	-0.15516	0.173888	0.0183929	-0.01047	0.004375	-0.03548
0.057023	0.0331056	0.008885	-0.06309	0.068609	0.0341067	0.050205	-0.00045	-0.00731	-0.02365
-0.03726	-0.17136	-0.15868	-0.11375	0.1107018	-0.01822	0.081758	-0.00826	-0.01477	-0.03258
0.1248720	0.322483	0.1745035	-0.05101	-0.14055	-0.03909	-0.00201	0.002636	-0.00971	-0.01183
0.037969	0.0120507	-0.17484	0.1189148	-0.09969	-0.02859	-0.05076	-0.02071	-0.11342	-0.28183
0.035812	0.007449	-0.20107	0.0582153	-0.1688	0.0130666	0.0624493	0.002023	0.1308871	0.3992160
-0.02453	-0.07017	0.1256674	-0.09112	-0.05649	0.039014	0.033507	-0.00106	-0.00168	0.0194992
-0.01904	-0.07579	0.1308875	-0.11875	-0.05481	0.038743	0.039674	-0.0015	-0.00297	0.0141673
-0.02423	0.071354	-0.04409	0.1078179	0.1428998	-0.09931	-0.19775	0.042914	0.0220629	0.0584618
-0.03535	0.1056514	-0.09039	-0.05729	-0.03655	0.033841	0.1601486	-0.02462	0.000211	0.0116222
-0.01603	0.092292	-0.02001	0.092769	0.1386646	-0.09388	-0.18712	0.0429495	0.018644	0.0517876
-0.02257	0.068503	-0.00373	0.005864	0.007917	-0.13465	0.1592668	-0.03414	-0.0411	-0.04344
-0.04146	0.1086544	-0.06953	-0.04991	0.000287	0.098608	0.065991	-0.00563	-0.00303	-0.03977
-0.04597	-0.08087	-0.09927	0.032065	0.000341	0.009609	0.052725	-0.0162	-0.00505	-0.01958
-0.02732	-0.02853	-0.07183	0.069704	0.05443	-0.04382	-0.08684	0.0132105	0.0145434	0.0344
-0.05717	-0.11533	-0.10012	0.0455702	0.0130293	0.0190665	0.080648	-0.01955	-0.01456	-0.04539
0.0148831	0.057197	-0.02611	-0.00892	-0.02536	-0.02269	-0.06174	0.004855	0.020324	0.050627
0.053288	0.0102131	-0.03061	0.0472481	0.044629	-0.02699	-0.03503	-0.00067	-0.03937	-0.09428
0.0109067	-0.00634	-0.00761	-0.00411	-0.01966	-0.01976	0.007972	-0.03674	0.6578759	-0.23984

0.1066722	-0.03822	-0.01733	0.047666	-0.03548	-0.01244	0.1202483	0.5601307	0.0143376	-0.038
-0.02783	-0.14489	0.284069	-0.17338	-0.07834	0.048859	-0.02908	0.008934	0.0163578	0.063448
-0.01754	0.0543903	-0.04834	-0.04464	0.015914	0.1702792	-0.07964	0.029461	0.008889	-0.00363
-0.03968	0.08937	-0.0539	-0.01054	-0.00014	0.063306	0.008409	0.002606	0.007348	-0.00425
0.0410563	-0.03429	-0.01273	-0.06634	0.0196955	0.3275204	-0.20675	0.056083	0.007	-0.00344
0.03791	-0.09523	0.040247	-0.06709	0.058748	0.0122175	-0.11248	0.043959	-0.00306	0.008898
-0.03847	0.083127	-0.07141	-0.03503	-0.00856	0.099791	0.013711	0.007699	0.009938	-0.0078
0.0435107	0.050418	0.0288448	0.0142569	0.037854	0.0514077	0.0562624	-0.00679	-0.00753	-0.02925
-0.05823	-0.11256	-0.09953	0.047057	0.0146286	0.0185587	0.076405	-0.0183	-0.01379	-0.04436
0.1319590	0.3539158	0.1961038	-0.0446	-0.15463	-0.0404	-0.00366	0.003768	-0.0103	-0.01338
0.048847	0.0189745	-0.20317	0.09613	-0.09537	-0.0398	-0.0477	-0.02105	-0.122	-0.29796
0.046423	0.011239	-0.22489	0.0357606	-0.16339	0.005149	0.072274	0.002541	0.1412176	0.4385363
-0.0017	-0.01239	0.020759	-0.16198	0.0344772	-0.00645	0.047507	-0.00421	0.002056	-0.00035
0.004709	-0.00955	0.009323	-0.16103	0.033445	-0.00397	0.05204	-0.00346	-0.00316	-0.0136
-0.009	0.073268	-0.07661	0.008865	0.202764	-0.12382	-0.19529	0.043044	0.0203645	0.0443775
-0.01588	0.1199817	-0.12421	-0.15187	0.029229	0.003686	0.1562502	-0.02161	-0.00034	0.003072
0.006151	0.1033809	-0.06737	-0.01901	0.2033955	-0.12605	-0.17225	0.039578	0.0154291	0.03329
-0.01023	0.077855	-0.02868	-0.04735	0.045653	-0.15216	0.1496222	-0.02961	-0.03815	-0.0443
-0.01936	0.1295598	-0.11291	-0.14863	0.072468	0.0574079	0.059185	-0.00266	-0.00211	-0.03975
-0.07937	-0.12726	-0.03659	0.078332	-0.05479	0.062155	0.028444	-0.00792	-0.00512	-0.00922
-0.04385	-0.05956	-0.04449	0.069109	0.035772	-0.01376	-0.08517	0.0146106	0.0115721	0.0309850
-0.0974	-0.17242	-0.03138	0.1042069	-0.05036	0.079036	0.055549	-0.01048	-0.01532	-0.03556
0.0120036	0.047666	-0.01623	-0.01316	-0.02557	-0.01603	-0.06247	0.005553	0.0191017	0.049461
0.064881	0.0265507	-0.05471	-0.00249	0.089126	-0.04496	-0.02396	-0.00149	-0.0337	-0.09621
0.000279	0.0169039	-0.01619	0.006881	0.059116	-0.03926	-0.06676	0.0147108	0.0106106	0.018472
0.1080979	-0.03868	-0.01826	0.0481181	-0.03397	-0.01377	0.1214050	0.5669088	0.0144872	-0.03883
-0.00684	-0.11075	0.2207565	-0.19001	-0.01927	0.005111	-0.05254	0.008449	0.022001	0.047742
0.002199	0.066578	-0.06775	-0.09353	0.054987	0.2057697	-0.09418	0.0355373	0.009872	-0.00874
-0.03496	0.090229	-0.05833	-0.02348	0.0096	0.068547	0.003106	0.004252	0.008043	-0.00453
0.0569080	-0.01302	-0.02728	-0.10443	0.060253	0.3356865	-0.1898	0.057866	0.006185	-0.01277
0.045475	-0.0852	0.025895	-0.09779	0.080259	-0.00178	-0.10824	0.0420607	-0.00254	0.008925
-0.00771	0.1214184	-0.12994	-0.14968	0.08962	0.060434	0.024658	0.00509	0.009894	-0.01299
0.012579	0.023466	0.083889	0.066208	-0.01605	0.02849	0.063993	-0.01372	-0.00611	-0.01727
-0.09924	-0.16991	-0.02854	0.1052043	-0.05033	0.081407	0.0519584	-0.00917	-0.01485	-0.0352
0.1299740	0.3485085	0.1963427	-0.04769	-0.15226	-0.03873	-0.00322	0.003617	-0.01052	-0.01415
0.05253	0.023889	-0.20229	0.071729	-0.07152	-0.04344	-0.03964	-0.02029	-0.11359	-0.2796
0.049817	0.0145722	-0.21455	0.0167263	-0.13152	-0.00339	0.07061	0.002462	0.1317214	0.4085455
0.033479	-0.01801	0.0151916	0.020065	0.034302	-0.00089	0.032353	-0.01754	0.003697	0.0132306
0.074503	0.041425	0.1142517	0.1600746	0.3438550	0.1352299	0.2305388	-0.05716	0.038358	0.068207
-0.03111	-0.00879	-0.05225	-0.01405	-0.1275	0.000326	-0.07444	0.0141273	-0.00383	0.005793
-0.05448	-0.02968	-0.06949	-0.08324	-0.2303	-0.06536	-0.15228	0.03484	-0.01332	-0.00927
0.2707801	0.0135166	0.0219863	0.0195331	0.0494650	0.038561	0.0315088	0.0187269	-0.00093	-0.00595
0.2707801	0.0135166	0.0219863	0.019533	0.049465	0.038561	0.0315088	0.018727	-0.00093	-0.00595
0.2644488	0.0122578	0.0217125	0.0184676	0.047876	0.037557	0.029128	0.016068	-0.001	-0.00569

-0.01802	0.0226966	0.074536	0.2291494	0.063857	-0.03839	-0.12394	0.0246975	0.0270127	0.058025
-0.03586	0.0200819	0.0133681	0.001667	0.03371	0.0278356	0.005918	0.009834	0.002024	-0.00403
0.0532764	-0.07508	0.0454657	0.0137155	-0.01702	-0.13591	-0.04686	-0.01603	0.083433	0.02554
0.054681	-0.07591	0.045533	0.01362	-0.01766	-0.13813	-0.04764	-0.01552	0.081948	0.026762
0.053672	0.047587	0.1272775	0.2135020	0.3452541	0.1784760	0.2600655	-0.05417	0.035553	0.065044
-0.01341	-0.07699	0.075113	0.1240940	-0.07642	-0.05636	0.030543	-0.01801	-0.00767	-0.00372
-0.01335	-0.01314	0.0338287	0.065983	-0.03018	-0.14481	0.078665	-0.0267	-0.00667	0.00587
0.007448	-0.07501	0.060763	0.084544	-0.0679	-0.00581	-0.0123	-0.0101	-0.0087	-0.00236
0.031461	-0.13833	0.099695	0.069324	-0.01546	-0.05885	-0.02008	0.000672	-0.00785	0.003738
-0.06748	0.000328	0.0208711	0.1444474	-0.11885	0.1127465	0.018709	-0.00998	0.002535	-0.02423
-0.0061	-0.04378	0.051993	0.085829	-0.05266	-0.10592	0.050452	-0.02367	-0.00875	0.003102
-0.01664	-0.08309	0.071012	0.1178963	-0.07198	0.0240311	-0.00222	-0.00486	-0.00339	-0.01053
-0.04971	-0.05492	0.085487	0.1299600	-0.04758	0.033511	0.0180775	-0.00458	0.001929	0.002326
0.0218	-0.06539	0.03933	0.007992	0.009266	-0.08663	0.021158	-0.00683	-0.00512	0.008485
-0.0005	-0.01919	0.029349	0.0365851	-0.00674	-0.15586	0.076903	-0.02431	-0.00681	0.008206
0.035799	-0.06041	0.029478	-0.0003	0.000958	-0.0278	-0.00928	-0.00505	-0.00661	0.005224
0.0495233	-0.13777	0.081196	-0.00637	0.0341702	-0.06978	-0.04275	0.0134486	-0.00652	0.0109144
-0.01995	0.029701	-0.03524	-0.02244	0.004408	0.0533229	0.0152155	0.00364	0.007482	-0.00264
0.017053	-0.04265	0.03465	0.0251884	-0.0042	-0.12144	0.0487441	-0.01929	-0.00792	0.008221
0.0182345	-0.06458	0.0285428	-0.01576	0.0223326	-0.01217	-0.01682	0.009812	0.000203	0.004959
-0.02606	-0.06794	0.1047055	-0.01134	-0.02247	0.002783	0.037552	0.002738	-0.00116	0.02705
0.046615	-0.03029	-0.00858	-0.08089	0.078856	-0.07045	0.0144763	-0.00239	-0.0017	0.004112
0.007422	0.000162	0.005608	-0.0015	0.0193041	-0.13927	0.070167	-0.02153	-0.00396	0.005966
0.058833	-0.03381	-0.00563	-0.06794	0.06207	0.004147	-0.01745	0.001976	-0.00299	-0.00086
0.0593285	-0.11987	0.057268	-0.05319	0.06419	-0.07336	-0.04375	0.0142501	-0.00514	0.009897
0.008154	0.063132	-0.08414	-0.11866	0.086843	0.0231973	0.024043	0.002938	0.008398	-0.00443
0.035918	-0.01773	0.000715	-0.03684	0.045433	-0.08932	0.0368969	-0.0131	-0.00418	0.003468
0.038095	-0.03193	-0.01529	-0.09716	0.085361	-0.02828	-0.01109	0.009704	0.001853	0.003081
-0.00692	-0.02884	0.035664	-0.06692	0.052741	-0.03509	0.0382511	0.002793	0.001426	0.0110237
0.034144	-0.00306	-0.0449	-0.04939	-0.10094	-0.0161	-0.04088	-0.01148	-0.00669	0.004011
0.0338367	-0.01742	-0.02726	-0.01161	-0.04403	-0.01501	-0.02637	-0.01338	-0.00364	-0.00658
0.4043583	-0.1104	-0.06073	0.065256	-0.06588	0.0437870	-0.00283	-0.13973	-0.01905	-0.00648
0.4224532	-0.11688	-0.07692	0.053238	-0.08569	0.0422817	-0.02054	-0.15219	-0.02183	-0.00723
0.4224461	-0.11688	-0.07699	0.0532122	-0.08579	0.042259	-0.02062	-0.15218	-0.02187	-0.00732

PC20	PC21	PC22	PC23	PC24	PC25	PC26	PC27	PC28	PC29
-0.00167	-0.012	-0.03157	-0.05048	-0.0115	-0.062	0.1753608	0.050332	-0.22651	0.3589555
-0.08916	0.04027	-0.03352	0.008449	-0.00078	0.1339786	-0.04509	-0.37347	0.1067353	-0.03181
0.007483	-0.0014	-0.16617	-0.05711	-0.15892	-0.13004	0.091875	0.034085	-0.04337	0.209708
0.0216224	-0.01479	-0.18079	-0.07309	-0.18468	-0.14095	0.1479458	0.042359	-0.13528	0.1779242
0.0225588	-0.01502	-0.20692	-0.08002	-0.14261	-0.13095	0.1756373	0.058442	-0.11966	0.1442708
-0.00675	-0.00681	-0.11721	0.027871	0.1087172	0.0245990	-0.03393	0.054966	0.2441602	0.1272251
0.0111765	-0.01913	-0.06938	0.0385150	0.087259	-0.03387	-0.03366	0.047465	0.2380570	0.1116089
-0.03647	0.004098	-0.04141	0.0184995	0.0280865	0.2761360	0.072729	0.0442960	-0.26117	0.032418
-0.00989	-0.01777	-0.07531	0.1135591	0.080275	-0.12405	0.0224484	-0.0005	0.026049	-0.01444
-0.07316	0.042257	-0.04148	0.01526	0.025606	0.2558143	0.07283	0.0471547	-0.22739	0.0335331
-0.1252	-0.1214	-0.04947	0.1748499	0.043183	-0.10268	0.0142193	-0.02106	-0.04247	-0.0334
0.057813	0.063315	-0.06341	0.007253	0.0528538	-0.11146	0.024941	-0.03172	0.016868	0.0296
0.0472305	-0.03483	0.047562	0.0106097	-0.0094	-0.05696	0.0151882	-0.01243	-0.02708	-0.02546
0.1076147	-0.12155	-0.01197	0.015901	0.0162282	0.1464589	0.0210224	0.003791	-0.18541	0.005928
-0.09827	0.1293489	0.088362	-0.02842	-0.02454	-0.04338	0.0530801	0.009606	-0.05868	-0.00708
0.2645765	-0.28645	-0.04187	0.058874	0.0125724	-0.03736	-0.05495	-0.04954	0.0288905	-0.04087
-0.02742	-0.00285	-0.14838	-0.01949	-0.18454	-0.01877	-0.22555	-0.00211	0.2102540	0.041427
-0.05663	-0.05613	0.0231741	-0.01474	0.000198	0.003582	-0.004	-0.00088	0.000332	-0.00302
0.019768	0.001591	0.003913	-0.0054	0.0143663	0.003115	-0.00488	0.006977	0.008836	0.003346
0.033022	-0.00056	0.046454	-0.02109	0.2445736	0.091423	0.1059207	0.092653	0.2354147	0.1883303
0.009488	0.0257977	-0.02255	0.0416114	0.007452	-0.0758	0.0325322	-0.05235	-0.06464	-0.09798
0.023745	0.038719	-0.0006	0.025449	-0.00279	-0.01286	-0.00112	-0.02212	-0.02405	-0.03771
-0.00715	-0.04619	-0.02595	-0.00143	0.002419	-0.08709	0.045545	-0.04257	-0.05417	-0.07341
-0.07857	-0.02153	-0.05154	0.094386	0.022406	-0.14871	0.085307	-0.10358	-0.12834	-0.23994
0.069487	0.085894	-0.04926	-0.04198	0.0601608	-0.11986	0.05539	-0.02093	-0.03085	0.01575
-0.13231	0.1402374	0.0263846	-0.02651	-0.01767	0.031657	-0.02	-0.05559	0.0171206	-0.04751
-0.10185	0.1364222	0.088854	-0.03058	-0.02517	-0.03412	0.0544083	0.009684	-0.06978	-0.00811
-0.08733	0.075282	0.032304	-0.00499	0.0147738	-0.03511	0.022746	0.039535	-0.01778	0.019329
0.0448432	-0.03584	0.1642904	0.078427	0.1845777	0.075989	0.0209556	0.034116	0.0468263	0.0424082
-0.07241	0.000599	0.047936	0.0221473	0.053349	0.002071	-0.02519	0.009517	0.058046	0.038592
0.033579	-0.03521	0.2345405	0.076103	-0.09353	-0.03123	-0.11762	-0.03623	-0.12888	0.0123006
0.041553	-0.03824	0.2269434	0.069507	-0.06451	-0.00912	-0.12859	-0.06174	-0.18771	0.0106470
-0.02637	0.019067	0.2748275	0.058057	-0.18499	-0.11564	0.2572451	0.0208249	0.2965963	-0.06773
-0.00682	-0.0372	0.085723	0.1514934	-0.05533	0.001903	-0.03709	-0.01271	-0.06814	-0.01758
-0.05041	0.040771	0.2859739	0.062414	-0.19936	-0.11123	0.2236878	0.0107540	0.2472555	-0.05975
-0.13456	-0.13287	0.031321	0.2035995	-0.03005	-0.03788	-0.02703	-0.03338	-0.08828	-0.04498
0.070157	0.048134	0.1074019	0.040865	-0.0933	0.032717	-0.05029	-0.03375	-0.04317	0.067458
0.0301793	-0.02952	-0.09381	-0.00312	0.078887	0.0137950	-0.01459	0.0164449	-0.02585	0.006301
0.0499967	-0.04651	0.058011	0.007431	-0.02248	-0.0464	0.1606278	0.0307762	0.2109328	-0.04022
-0.09514	0.1082276	-0.08016	-0.03651	0.083866	0.0219640	0.0155489	0.036069	-0.03884	0.0239277
0.3050636	-0.32874	-0.0688	0.061369	0.0102558	-0.00244	-0.07806	-0.04735	0.0183166	-0.02521
-0.00663	-0.0058	-0.04288	-0.02292	-0.27536	-0.09545	-0.16676	-0.06563	0.000644	-0.05823
-0.0566	-0.05607	0.0231454	-0.01468	0.000203	0.003491	-0.00396	-0.00091	0.000322	-0.00308

0.0239030	0.001263	0.00088	-0.00689	0.003477	-0.00167	0.000446	0.00605	-0.0071	0.008685
0.058261	-0.02143	0.3212268	0.0292999	0.075782	0.037773	-0.05836	-0.04545	-0.21821	0.0563214
-0.01971	0.0112462	0.006301	0.1119989	-0.03102	-0.0274	-0.00427	-0.01675	-0.02501	-0.01685
0.022496	0.036378	0.0077	0.0220808	-0.01156	0.00368	-0.00998	-0.02074	-0.01105	-0.02901
-0.01512	-0.04335	0.0109010	0.00596	-0.0312	-0.04882	0.0230215	-0.03806	-0.03221	-0.05446
-0.21227	-0.06535	-0.09444	0.4515569	0.004	-0.05275	-0.01948	0.090867	0.008809	0.1440351
0.098712	0.071884	0.173644	-0.00654	-0.13155	0.0150286	-0.0237	-0.00413	-0.00941	0.088373
-0.12577	0.127584	-0.04253	-0.02979	0.0220814	0.057135	-0.02647	-0.04736	0.0159236	-0.03272
-0.09647	0.1129200	-0.07517	-0.03754	0.080878	0.0187779	0.0263656	0.037772	-0.02189	0.02005
-0.09832	0.086711	0.0365506	-0.00848	0.007645	-0.03229	0.0271333	0.047172	-0.02185	0.0284032
0.055207	-0.04347	0.2088677	0.083572	0.188672	0.065867	0.069691	0.0110166	-0.04004	0.008085
-0.07117	0.000794	0.070644	0.0240988	0.055486	0.004105	0.007551	-0.0208	-0.00031	-0.00049
0.0191353	-0.00671	-0.109	-0.02348	0.1149137	0.002314	0.1433410	0.020573	-0.02744	-0.22807
0.0245589	-0.01173	-0.12007	-0.01776	0.087929	0.0180388	0.178842	0.024306	-0.0236	-0.18743
-0.05572	0.069155	0.053457	-0.10175	0.3295028	-0.31189	-0.25027	-0.05993	-0.02359	0.041702
-0.00356	-0.01573	-0.05612	0.1040654	0.084037	0.099106	0.029255	0.045499	-0.00277	-0.11216
-0.06633	0.07818	0.0296003	-0.08614	0.2561178	-0.21812	-0.13483	-0.01855	0.002468	-0.0347
-0.12709	-0.11159	-0.04218	0.1633581	0.03538	0.0195159	0.000939	0.0005	-0.04346	-0.08029
0.0624049	0.065913	-0.02578	-0.01106	0.044992	0.1473886	-0.02964	0.040974	0.0276766	0.001959
0.040385	-0.05228	0.0363079	0.0493119	-0.04891	0.042971	-0.00448	0.008607	0.01826	0.0141106
0.027488	-0.02285	0.0596185	-0.02346	0.1030230	-0.10532	-0.11057	-0.01729	0.0105518	0.065715
-0.09212	0.091855	0.077133	0.0233412	-0.0596	0.044316	0.0128414	0.024393	-0.0047	0.042537
0.288183	-0.3129	-0.06515	0.05727	-0.0029	0.0187330	-0.05174	-0.03574	0.049705	-0.03101
-0.00568	0.009143	-0.19603	-0.08349	-0.15668	-0.11218	0.003248	-0.06872	-0.04649	-0.13098
-0.02606	0.031814	0.026824	-0.06344	0.2356464	-0.27515	-0.29446	-0.11283	-0.08478	0.1441711
0.023098	0.001709	-0.00487	-0.00922	0.004383	-0.00434	0.009423	0.006842	-0.00896	0.001505
0.041646	0.006409	-0.00646	-0.08178	0.2500033	0.021899	0.3112633	0.064271	-0.00567	-0.13032
-0.03421	0.0314399	-0.0378	0.071037	0.014356	0.055576	-0.03433	-0.00402	0.0313177	-7.28E-05
0.0225579	0.0373981	-0.00255	0.0184542	-0.00185	0.0281782	-0.01933	-0.00827	0.009989	-0.00426
-0.06421	0.005003	-0.03634	-0.0182	0.010993	0.042113	-0.01713	-0.05083	0.02479	-0.07301
-0.20639	-0.05894	-0.12164	0.4278418	0.038233	0.002382	-0.03938	0.1203723	0.0493943	0.1892865
0.087258	0.087429	-0.00576	-0.06105	0.0582442	0.1496527	-0.04925	0.058255	0.045967	0.046144
-0.08719	0.094598	0.022954	-0.00106	-0.03498	0.038097	0.014143	-0.02614	0.009789	0.005976
-0.0958	0.098878	0.081141	0.020206	-0.05362	0.037905	0.004203	0.0224711	-0.00354	0.045525
-0.10152	0.089864	0.0283176	-0.01334	0.0122379	-0.02769	0.034692	0.0491583	-0.01678	0.0259899
0.0544139	-0.0373	0.1529850	0.058837	0.2015377	0.055737	0.1299891	-0.00295	-0.06818	-0.01143
-0.06437	0.008634	0.0227879	0.007274	0.074308	0.009619	0.071504	-0.05054	-0.01814	-0.01484
0.000292	0.0169537	0.0124770	0.0139722	0.021046	0.0326290	0.008367	-0.09508	0.1222734	-0.09992
0.081856	-0.03732	0.0227672	0.045565	0.035858	-0.06019	0.094469	0.012468	-0.04696	0.059094
-0.00066	-0.01986	0.049151	-0.02849	-0.04733	-0.09657	-0.17274	0.638112	-0.05262	-0.2206
-0.04553	0.0184588	0.0172180	-0.03848	-0.04157	-0.02793	-0.152	0.4192273	-0.00189	-0.23804
0.009609	-0.00767	0.021025	-0.00205	0.0215713	0.009818	0.0144786	-0.00576	0.008466	0.002953
0.009609	-0.00767	0.0210249	-0.00205	0.021571	0.009818	0.0144786	-0.00576	0.008466	0.002953
0.009731	-0.00746	0.0201767	-0.00457	0.0201979	0.0101270	0.0130327	-0.00626	0.007423	0.005613

-0.06904	0.0334347	-0.09192	-0.00782	-0.01259	0.3405366	-0.13484	-0.03723	-0.11849	-0.10625
0.0170731	-0.01878	-0.01951	-0.02817	-0.02317	-0.04079	0.007064	0.1305620	-0.11404	0.1887142
0.3787851	0.4352572	-0.09171	0.2909738	-0.00435	-0.04703	-0.01396	0.00459	-0.02772	-0.03988
0.3781044	0.4331892	-0.08917	0.2876948	-0.0044	-0.04534	-0.01234	0.002948	-0.02701	-0.0409
0.080019	-0.04795	0.083614	0.063343	0.078913	-0.04065	-0.01953	0.1894560	0.002153	-0.10713
0.016685	-0.01701	-0.0131	-0.09995	0.0245030	-0.09232	0.0526239	-0.01238	-0.04686	-0.04932
0.0150054	-0.01361	0.009141	-0.05681	0.012171	-0.02261	0.0211864	0.01032	-0.0055	0.006425
0.025449	-0.04732	-0.0029	-0.05285	0.0186387	-0.08069	0.038492	0.0303475	-0.03494	0.041373
-0.05168	-0.04467	-0.02882	-0.06958	0.009721	-0.08958	0.060485	-0.05906	-0.06624	-0.17659
0.071353	0.063788	-0.01841	-0.12432	0.032003	-0.08136	0.032231	-0.01757	-0.03036	-0.00373
0.022373	-0.03141	0.005188	-0.06475	0.0172279	-0.05313	0.0327627	0.0212787	-0.01995	0.0235581
0.006522	0.006751	-0.02705	-0.10744	0.0227271	-0.09682	0.053402	-0.04481	-0.05588	-0.10825
-0.05298	0.0382	-0.13498	-0.0255	-0.00296	0.083239	-0.19327	-0.01078	0.2116504	0.000547
0.0146589	-0.03006	0.075076	-0.06299	-0.06027	-0.00137	-0.00525	0.0222459	0.003252	0.037684
0.011989	-0.02224	0.033264	-0.06583	-0.0123	-7.21E-05	0.008931	0.0142915	0.0106826	0.0174669
0.0252236	-0.05314	0.063065	-0.04366	-0.04367	-0.00285	-0.00761	0.0492776	0.009858	0.090161
-0.0806	-0.05734	-0.00718	0.0306927	-0.02251	-0.03426	0.0159870	-0.00518	-0.01711	-0.05567
0.097098	0.0545095	0.1407262	-0.10708	-0.10913	0.043659	-0.04167	0.007147	0.009837	0.074749
0.0205603	-0.04123	0.0536833	-0.0668	-0.02974	-0.00144	0.002487	0.0338444	0.0121886	0.0559118
0.004997	-0.00426	0.071304	-0.03951	-0.0717	0.003402	-0.01301	0.00081	-0.00472	0.007575
-0.02624	0.0208877	0.1345669	0.012915	-0.14687	0.037686	-0.25053	-0.08362	-0.07532	-0.07577
0.0102758	-0.00518	-0.01994	-0.08518	0.0306367	0.1233241	-0.0441	0.056802	0.074315	0.066718
0.0139959	-0.00792	0.000932	-0.05645	0.015753	0.06113	-0.01349	0.031536	0.0516580	0.058445
0.00336	-0.01877	-0.0144	-0.06331	0.019655	0.098141	-0.03867	0.053368	0.066276	0.07781
-0.07908	-0.04689	-0.05627	0.0230034	0.032126	0.0283331	-0.00463	0.0185738	0.0196332	-0.02576
0.091429	0.06526	0.007491	-0.14108	0.0229280	0.1615608	-0.07034	0.0563164	0.064739	0.0659
0.0109693	-0.01511	-0.00699	-0.0705	0.020721	0.091947	-0.02927	0.0488793	0.068912	0.079457
0.007101	0.0104634	-0.02752	-0.06684	0.0311026	0.1074012	-0.04241	0.042346	0.0477095	0.0227490
-0.0339	0.044466	-0.10176	-0.06485	-0.00921	0.065569	-0.05381	-0.05291	-0.00662	-0.23064
-0.0369	0.002207	0.0304653	0.070374	0.042422	0.0181850	0.048722	-0.1602	0.078524	-0.07962
0.0106360	0.007532	0.0158040	-0.02203	0.0185653	0.000354	0.042718	0.042848	0.036573	0.005879
-0.00865	0.008638	0.007115	-0.01026	-0.01056	0.008641	-0.0415	-0.00316	0.017808	-0.04165
-0.01067	0.006876	0.00279	-0.02573	-0.01998	-0.00406	-0.02115	0.0237229	-0.02341	0.0170714
-0.01066	0.006861	0.002808	-0.02574	-0.01996	-0.00408	-0.02115	0.023819	-0.02345	0.017069

PC30	PC31	PC32	PC33	PC34	PC35	PC36	PC37	PC38	PC39
0.2465305	0.1717895	-0.01275	0.7025859	0.2445359	-0.06882	0.1405776	-0.06034	0.1801882	-0.14348
0.08144	-0.02272	0.0274432	-0.04535	-0.0049	0.019519	0.0466816	-0.00428	-0.02562	0.052023
-0.15787	0.054426	-0.11381	-0.1071	-0.06136	0.0446989	-0.06612	-0.02652	-0.02342	-0.06276
-0.19456	0.027039	-0.1262	-0.1541	-0.079	0.086426	-0.13569	-0.02716	0.0100496	-0.10182
-0.17639	0.0223467	-0.12102	-0.1495	-0.08757	0.097351	-0.15955	-0.01334	0.002796	-0.12775
-0.01432	0.1073097	-0.05123	-0.00736	0.064567	-0.06328	0.088602	-0.0462	-0.02984	0.034131
-0.0207	0.097119	-0.03905	0.0157900	0.040125	-0.07597	0.1067825	-0.00166	-0.04499	0.072961
-0.08527	-0.0037	-0.00288	-0.01954	0.027696	-0.01441	0.031361	0.047602	-0.03503	0.093207
0.032857	-0.01677	0.040083	0.077711	-0.04373	0.0242310	-0.02451	0.1070548	-0.04146	0.1142190
-0.08035	0.005175	-0.00382	-0.01606	0.031316	-0.00687	0.0178294	0.038177	-0.02835	-0.01344
0.041357	0.096565	-0.03297	0.0156797	-0.06351	0.0375540	-0.08349	-0.01925	0.016782	-0.03249
0.0168492	-0.1133	0.05425	0.091102	-0.12524	0.066656	-0.1076	0.1453604	0.0291108	0.035379
0.0107902	-0.03674	0.0286823	0.007645	0.000518	-0.01139	0.016573	-0.00899	-0.03654	-0.07299
-0.04086	-0.02967	0.002161	-0.01694	-0.00353	-0.02853	0.052777	0.044322	-0.0318	0.3708322
-0.00631	-0.04774	0.02464	-0.01089	-0.00137	-0.02072	0.0239416	-0.01037	-0.05705	-0.04723
0.033813	-0.00609	0.015672	0.031202	-0.00948	0.022809	-0.02863	-0.00284	0.038384	-0.08757
-0.04831	0.088867	-0.00317	0.0474139	0.056629	-0.14672	0.2027347	0.0261704	-0.06736	0.09128
0.001987	-0.00342	0.00207	0.003188	-0.00195	-0.00132	0.002771	0.000277	-0.00107	-0.0014
0.0197273	0.002702	0.009969	0.0116361	0.004127	-0.01087	0.0105704	0.001479	0.000308	0.004147
-0.03051	0.1285102	-0.11529	-0.08492	0.063245	-0.02771	0.032865	-0.11651	0.030636	-0.01556
0.0166292	0.0406672	-0.01311	-0.01966	0.009868	-0.0169	0.042153	-0.06871	-0.08618	-0.08998
0.0121646	0.0295213	-0.01058	-0.01313	0.007013	0.000749	0.001648	-0.04604	-0.01466	-0.0318
0.007816	-0.01736	0.0213359	-0.02992	0.0364940	-0.06749	0.097306	-0.09955	-0.18271	-0.09798
0.001966	0.1913510	-0.09401	-0.03415	0.0232652	-0.023	0.1212479	-0.05136	-0.14041	-0.18555
0.031566	-0.17268	0.082749	0.086611	-0.12986	0.060308	-0.11556	0.1446225	0.053059	0.037396
0.007597	0.074715	-0.04139	0.0174225	-0.03659	0.088338	-0.11442	0.070724	0.1880357	0.060424
-0.00922	-0.05052	0.02463	-0.01139	-0.00011	-0.02156	0.024154	-0.00823	-0.05605	-0.02924
-0.01138	-0.01661	0.0110251	-0.00918	0.007135	-0.03604	0.048394	-0.0129	-0.0643	0.006815
-0.01423	0.0534	-0.06199	-0.03845	-0.00722	0.0221539	-0.01321	-0.04288	-0.00222	-0.07279
-0.00795	0.0528307	-0.03685	-0.01388	-0.01809	-0.00329	0.0166235	-0.02241	-0.022	-0.03116
-0.04917	0.0255407	0.009416	0.053975	-0.06183	-0.02666	0.0349391	0.1018114	-0.0929	0.04636
-0.05372	0.009695	0.0221912	0.064961	-0.06943	-0.03916	0.0513232	0.096002	-0.07615	0.069945
0.1126218	0.00898	0.0149983	0.0317799	0.056774	0.0365664	-0.06337	0.1065537	-0.05989	-0.04947
-0.01417	0.04862	-0.01057	-0.06811	0.1530658	-0.02595	0.095099	-0.13867	0.075834	0.1622756
0.090442	0.0227711	0.00517	0.025479	0.050636	0.041515	-0.06567	0.070915	-0.02482	-0.1107
0.0211394	0.1737769	-0.07689	-0.05152	0.0291903	0.033883	-0.05194	-0.12376	0.1309713	0.0300779
-0.04358	-0.04508	-0.01118	-0.08984	0.1061206	-0.00808	0.051868	-0.17526	0.1313796	0.044735
-0.01551	-0.01407	0.008724	-0.01778	0.025196	-0.03242	0.0556963	-0.05792	-0.01428	-0.03323
0.088417	-0.03055	0.0283853	0.0250498	0.0323883	-0.00065	-0.01403	0.1190657	-0.10325	0.1326583
-0.02647	-0.01877	0.004907	-0.02647	0.017064	-0.0411	0.0618223	-0.05277	-0.03585	-0.02028
0.018517	-0.001	0.003889	0.008368	0.008545	0.0240886	-0.02586	-0.04032	0.072531	-0.06778
-0.03844	-0.02902	0.068779	0.089443	-0.00301	-0.09816	0.127815	0.1192427	-0.04279	0.1391826
0.002025	-0.00339	0.001973	0.003201	-0.00197	-0.00129	0.00286	0.000341	-0.00104	-0.00136

-0.00083	0.005026	0.000254	-0.00051	-0.00335	-0.00132	-0.00295	0.000954	0.00173	-0.00499
-0.04054	0.008112	-0.0058	0.080439	-0.18449	0.026047	-0.07044	0.1559551	-0.11817	-0.0613
0.007007	0.007501	-0.00361	-0.03415	0.0437894	-0.00553	0.0208088	-0.09228	0.0177791	-0.00584
0.010317	0.055915	-0.02274	-0.01106	0.013673	0.009739	-0.01291	-0.03385	0.0297349	0.008707
-0.00056	0.0268517	-0.00729	-0.04319	0.065874	-0.0469	0.077404	-0.10814	-0.07892	-0.02687
-0.00165	-0.24706	0.1070524	0.002952	-0.01465	0.013977	-0.01556	-0.02844	0.0320272	-0.00873
-0.01918	-0.10827	0.0163003	-0.10353	0.1340226	-0.01025	0.051012	-0.20626	0.1871296	0.066198
0.00599	0.068741	-0.03638	0.0205268	-0.02074	0.074402	-0.09858	0.047429	0.1973674	0.06144
-0.01999	-0.0225	0.007652	-0.02327	0.0214329	-0.04111	0.059126	-0.04412	-0.0433	-0.01771
-0.01504	-0.0244	0.014403	-0.01605	0.0150417	-0.04097	0.056201	-0.02643	-0.07538	0.006298
-0.00873	0.005627	-0.03453	-0.02655	-0.01513	0.035176	-0.03143	-0.00735	0.0206093	-0.03787
0.003382	0.008345	-0.00574	-0.00186	-0.01262	-0.0052	0.0117211	0.00102	0.004523	0.0113066
0.069058	-0.11241	0.095241	0.007527	0.1108592	-0.03264	0.071142	-0.002	0.04054	0.1123760
0.046864	-0.08377	0.080847	0.023889	0.1276393	-0.03834	0.07163	0.0584577	0.000412	0.1138220
-0.01035	0.004259	-0.00446	0.007501	-0.09789	-0.02918	0.0441256	-0.09606	0.045825	0.018039
0.038097	0.079896	0.0103409	0.0367145	0.085317	-0.05336	0.095502	0.097793	-0.21904	0.041083
0.0182104	0.0108847	-0.00498	0.060205	-0.31064	-0.07541	0.1030260	-0.20193	0.066148	-0.07302
0.041614	0.197132	-0.07769	0.002945	-0.02765	0.037361	-0.08287	0.0195046	0.0141818	-0.03225
0.000163	0.005731	-0.00997	0.019088	-0.01397	-0.0377	0.0432302	0.0615768	-0.22918	-0.16401
-0.00849	0.030416	-0.00787	0.000534	0.0392463	0.002956	-0.00408	0.0381885	-0.0371	-0.05371
-0.00832	0.0137393	-0.01476	0.0251508	-0.2076	-0.06308	0.082745	-0.10202	0.077053	0.2729495
-0.02551	0.030298	-0.01583	-0.01314	0.03057	-0.00612	0.0048	0.028917	-0.03777	-0.02019
0.0259878	0.009802	0.001029	0.021924	0.00278	0.033882	-0.04836	0.0192733	0.0139852	-0.12372
0.020826	-0.12311	0.1178396	0.1070174	0.0397930	-0.07325	0.09238	0.08603	0.047798	0.1342252
-0.06684	-0.02725	0.0131848	-0.14933	0.6717848	0.1593064	-0.20199	0.3109811	-0.10138	-0.02737
-0.00027	-0.00055	0.003602	0.000654	0.002761	-0.00021	-0.00237	-0.00025	0.002809	-0.00393
0.034759	-0.13834	0.0369356	-0.09273	0.1062708	0.047563	-0.0431	-0.08444	0.1920247	0.074106
0.0115498	0.082268	-0.02761	0.035446	-0.04108	0.0490119	-0.09042	0.079665	0.078149	0.062214
0.00965	0.0529910	-0.01779	0.008797	-0.00951	0.0191931	-0.03931	0.0123606	0.030563	0.0283368
0.007559	0.1973460	-0.07704	0.04479	-0.04503	0.078762	-0.12449	0.1342183	0.1605314	0.1187516
0.000613	-0.27216	0.123125	0.0384158	-0.06044	0.0174037	-0.0503	0.044238	0.001213	-0.00251
0.001264	-0.03057	0.004418	0.0278662	-0.04798	-0.04255	0.045784	0.049208	-0.19527	-0.1454
0.006254	-0.00957	-0.00088	0.007535	0.006506	0.0243867	-0.02858	0.003085	0.012135	-0.04806
-0.0257	0.028567	-0.01551	-0.01046	0.0205663	-0.01078	0.009762	0.0197176	-0.0319	-0.011
-0.0123	-0.02547	0.0153545	-0.0119	0.009237	-0.03966	0.051716	-0.01664	-0.08811	-0.01114
0.0126114	-0.03048	-0.00775	-0.00873	-0.00453	0.0381173	-0.0459	0.0042	0.037794	-0.02352
0.026225	-0.02051	0.0180112	0.0111864	-0.00592	0.004737	-0.01161	0.0238652	0.01846	0.008338
-0.41155	-0.07652	-0.02244	0.287162	0.0185706	0.743595	0.3264889	-0.13338	-0.07679	0.017886
-0.08658	0.0182019	-0.02728	0.003883	0.00408	-0.05445	0.003393	0.0181840	0.055635	-0.06943
-0.04589	0.0292164	-0.07386	0.057246	0.044183	0.056169	0.0064	0.009474	0.007385	0.0126158
-0.07338	-0.01315	-0.0398	0.0557310	0.04128	0.019778	0.002579	0.063857	0.1646233	-0.06075
-0.03111	-0.01042	-0.01244	0.001836	-0.0038	0.0242874	0.000884	-0.0083	-0.0077	-0.00278
-0.03111	-0.01042	-0.01244	0.001836	-0.0038	0.024287	0.000884	-0.0083	-0.0077	-0.00278
-0.02476	-0.01263	-0.01112	-0.00179	-0.00442	0.0128127	-0.0013	-0.00422	-0.00546	-0.00318

0.0294819	-0.04332	0.040076	-0.02709	0.1051576	0.0248506	-0.02888	-0.0623	0.0460490	-0.19296
0.4278972	0.2097528	0.3043703	-0.39572	-0.12381	0.3509292	0.4664779	0.2490613	0.1365157	-0.08696
0.0201287	0.091217	-0.03195	0.003894	0.008474	-0.00237	0.002674	-0.00134	0.009479	0.007543
0.0213719	0.085342	-0.03028	0.001773	0.008099	-0.00214	-0.00061	-0.00074	0.0120316	0.005515
-0.0989	-0.01881	0.001022	-0.02172	0.004859	-0.07916	0.0148561	0.042731	0.069851	-0.07248
0.005386	-0.04335	0.0220633	0.008166	-0.0195	-0.02047	0.0240517	0.0138045	-0.05605	-0.04142
-0.0123	-0.06958	0.0290721	-0.0025	0.000371	-0.02417	0.03909	0.002281	-0.05463	-0.03514
-0.00312	-0.20817	0.087337	-0.01212	-0.00739	-0.0556	0.073071	-0.0533	-0.12023	-0.1147
0.003796	0.2389470	-0.09802	-0.00708	0.0249824	-0.01235	0.0353037	0.017885	-0.03957	0.0167585
0.034642	-0.10381	0.052509	0.0556715	-0.08991	0.04223	-0.10361	0.085947	0.07689	0.027892
-0.0102	-0.1451	0.0607902	-0.00734	-0.00313	-0.04274	0.0613902	-0.02282	-0.0941	-0.07767
0.0205517	0.089081	-0.03131	0.025095	-0.03237	0.0148336	-0.03339	0.056087	0.016731	0.0247950
0.1452030	-0.00035	0.0137506	0.0177342	0.02882	0.048533	-0.08589	-0.15072	0.07391	-0.21434
-0.01456	-0.02094	0.000182	-0.0439	0.069813	-0.02146	0.0394535	-0.07958	0.07201	0.0497583
-0.0179	-0.0145	0.004387	-0.00648	0.022186	-0.01184	0.0269453	0.007219	0.018387	0.037976
-0.01928	-0.1405	0.0466612	-0.03566	0.045715	-0.03338	0.0577	-0.07779	0.0124695	-0.01317
-0.00018	0.1375890	-0.05417	-0.01899	0.0480700	-0.01043	0.0149900	-0.02355	0.0282942	0.070955
-0.00175	-0.054	0.004287	-0.07541	0.095284	-0.00615	0.006961	-0.16152	0.1743967	0.054024
-0.02177	-0.07832	0.0257139	-0.02182	0.0375801	-0.02442	0.046701	-0.0328	0.018793	0.0198971
-0.00104	0.051431	-0.02935	-0.05156	0.079211	-0.00939	0.0124940	-0.10042	0.1101002	0.070448
0.1210669	-0.05843	0.0559511	0.0617811	-0.063	0.079559	-0.12617	-0.06175	0.0468876	-0.21041
-0.00911	0.045569	-0.0189	0.0520003	-0.05769	0.0142030	-0.05244	0.1300321	-0.01119	0.019847
-0.01514	-0.01028	0.007897	0.035219	-0.0336	0.0140383	-0.03266	0.1000509	0.0158831	0.049475
-0.01494	0.0115077	-0.01317	0.054208	-0.06663	0.0466145	-0.0826	0.1462029	0.077219	0.051397
0.003765	0.1265165	-0.043	0.0254908	-0.01711	-0.01011	-0.01163	0.062001	-0.06015	0.0191058
0.00364	0.0123311	-0.01115	0.0244798	-0.04383	-0.02274	-0.00665	0.0364	-0.1022	-0.09996
-0.01783	-0.00068	-0.00176	0.051742	-0.05723	0.033819	-0.06504	0.1428798	0.051178	0.059626
0.004185	0.078375	-0.03058	0.0282363	-0.03445	-0.01857	-0.01032	0.055585	-0.09177	-0.04577
0.2096801	-0.15222	0.1133078	0.055194	0.034516	0.080888	-0.11817	-0.09358	0.1217945	-0.18755
-0.406	-0.0406	0.004158	-0.03381	0.000586	-0.29928	0.3250859	0.3827263	0.4517574	-0.33304
-0.31989	0.3724791	0.8127767	0.043527	0.009443	-0.05852	-0.22649	-0.15697	-0.0259	-0.00781
0.034186	-0.03512	0.004532	-0.10445	-0.03332	0.0154979	-0.02651	0.004656	-0.02041	0.0169998
0.090748	-0.01126	-0.00089	-0.0049	0.002497	0.006884	-0.01185	-0.01354	-0.00608	0.000423
0.090795	-0.01126	-0.00089	-0.00483	0.00251	0.006877	-0.01188	-0.01355	-0.00611	0.000454

PC40	PC41	PC42	PC43	PC44	PC45	PC46	PC47	PC48	PC49
0.067362	0.036132	0.0317520	0.0119017	0.051254	0.005973	0.0180736	0.0452761	0.0116464	-0.03241
-0.02109	0.0191612	0.3010253	0.1395085	-0.00058	-0.03236	0.074827	0.1673553	-0.1285	0.1087474
0.02306	0.0128741	0.001733	0.0334473	0.0419007	0.031325	-0.00337	0.0109656	0.081129	-0.0446
0.062114	0.0141325	0.0217941	0.004466	0.091313	0.0392143	-0.01369	-0.01548	0.00909	0.0145745
0.082614	0.0161409	0.0307538	-0.01162	0.1126286	0.0428396	-0.00793	-0.01693	-0.02693	0.037584
-0.02356	-0.00242	-0.01559	-0.03893	0.0123423	-0.02537	-0.05102	-0.08339	-0.07741	0.087813
-0.0589	-0.00282	-0.03013	0.004481	-0.02063	-0.00181	0.000511	0.002121	-0.013	0.0161181
-0.05675	-0.01831	-0.01305	0.006722	-0.04399	-0.04383	-0.02526	-0.00945	0.003935	0.006999
-0.03286	-0.03185	0.0346014	-0.01103	0.1810707	-0.0044	-0.0493	-0.13193	0.0255199	-0.02382
-0.20214	-0.06753	0.062152	-0.11813	-0.05818	0.058148	-0.02239	0.008477	0.0114446	0.00871
0.1185536	-0.17113	-0.02663	-0.02167	-0.1797	-0.04187	0.09675	0.1609047	-0.0461	0.0336792
-0.04172	0.038038	0.0249634	0.003077	0.042381	-0.01945	-0.03806	-0.0886	0.009179	0.001905
-0.10549	-0.05706	-0.02389	0.033708	-0.03303	0.1793493	-0.00191	-0.04398	0.0103373	-0.00811
0.4516455	0.1531598	-0.24604	0.4041139	0.032797	-0.34131	-0.01666	-0.06052	-0.02303	-0.00346
0.00564	-0.06303	0.086142	-0.1541	-0.05128	-0.06099	-0.02894	-0.0591	0.0271294	-0.0328
-0.19764	-0.00128	-0.20621	0.3398180	-0.0173	0.4825647	0.079677	0.0472818	-0.02771	0.0421790
-0.04321	0.0147985	-0.00887	0.0183902	-0.07309	-0.03059	0.03857	0.1788643	0.1728790	-0.26285
0.00082	-0.00043	-0.00107	0.000426	-0.00152	-0.00089	0.000619	0.000203	-0.00093	0.000813
0.000472	-0.0069	-0.01339	0.009449	-0.04236	-0.02621	0.0235265	0.0315573	0.6720501	0.5118494
0.007072	0.036145	-0.06751	-0.01513	-0.12248	-0.05154	0.0121762	-0.01498	-0.22143	0.2728070
0.067274	0.0423089	-0.0173	-0.01276	-0.09683	-0.01196	0.0588157	0.075912	-0.01506	0.003304
0.0581343	-0.05423	-0.00953	0.000548	-0.07171	-0.01041	0.058871	0.1023070	-0.01756	0.004227
0.091175	-0.19962	-0.00338	0.0194740	0.088907	-0.01206	0.034737	0.021605	-0.01904	0.0291728
-0.03896	0.6883583	-0.03661	-0.08888	-0.2268	0.006572	-0.01181	-0.09724	0.016366	-0.02119
-0.02758	0.0230840	0.002914	0.001743	-0.07096	-0.0077	-0.01532	-0.03549	0.0253689	-0.03805
-0.06207	0.1331450	0.036571	0.016913	0.1347408	-0.05089	0.1023203	0.2864694	-0.04445	0.0512095
0.0288864	-0.05382	0.080272	-0.14351	-0.04685	-0.10827	-0.0302	-0.06068	0.0265215	-0.03443
-0.01322	-0.01795	-0.1147	0.1818805	-0.01863	0.2606049	0.0170119	-0.03027	0.005227	-0.00668
0.037144	0.022322	0.0170861	0.050291	0.095825	-0.01912	-0.00048	0.057085	0.1649366	-0.22487
0.008513	0.00892	0.02887	0.067776	0.0451001	-0.0279	0.007391	0.1003209	0.1839842	-0.25287
-0.05369	-0.01586	0.0171103	-0.01145	0.0239716	0.003547	0.016999	0.024683	0.038825	-0.05412
-0.05723	-0.01794	0.003147	-0.05356	0.000888	0.0240729	-0.04084	0.020888	-0.01942	0.0179332
0.022051	0.000396	-0.00794	0.0196457	0.028604	-0.00681	0.0583807	-0.04054	-0.00498	0.000503
-0.0566	0.040347	0.038501	-0.03479	0.2136289	0.0412558	-0.10558	-0.0825	-0.00347	0.0206477
-0.14331	-0.03163	-0.06193	0.1087427	0.0294459	-0.14405	0.2725504	-0.16436	-0.00614	-0.01205
0.091527	-0.111	-0.0295	-0.01764	-0.18652	0.0116862	0.0134101	0.1022380	-0.00751	-0.00186
-0.04868	0.1108794	0.027633	-0.01197	0.1124139	0.000961	-0.06697	0.046162	-0.02392	0.0557335
-0.09738	-0.0507	-0.01196	0.0168822	-0.03374	-0.06006	0.05498	-0.10317	0.007721	-0.01885
0.4064323	0.077513	0.1280215	-0.20924	0.006809	0.3295436	-0.49951	0.2866867	0.001268	0.030491
-0.0502	-0.04708	-0.0447	0.061879	-0.05465	-0.00734	0.079793	-0.09841	0.005186	-0.01623
-0.10257	-0.0145	0.064487	-0.09763	-0.01417	-0.15871	0.008725	-0.00119	0.004156	-0.00879
-0.07394	-0.02673	-0.01318	-0.03083	-0.1462	-0.01561	0.066407	0.091136	-0.01489	0.004838
0.000879	-0.00051	-0.00114	0.000491	-0.0016	-0.00105	0.000697	0.000377	-0.00097	0.000839

0.004645	0.00305	0.004232	-0.00312	0.014285	0.0115812	-0.01108	-0.0126	-0.31837	-0.25652
0.0226512	-0.01598	-0.0052	-0.04272	-0.0172	0.0379940	-0.05504	0.0495838	-0.01449	0.0197933
0.0343110	-0.01647	-0.01078	-0.00824	-0.07563	0.018275	-0.02563	-0.03981	0.00788	-0.01544
0.035461	-0.05622	-0.0069	-0.00351	-0.0773	0.0127913	-0.00664	-0.00876	0.006796	-0.01743
0.047281	-0.14194	-0.00385	0.0112367	0.053568	0.0232774	-0.04996	-0.11232	0.008464	4.9010281
-0.0304	0.1473570	-0.00278	-0.00589	-0.02523	-0.00347	-0.00086	0.027186	-0.0006	-0.0035
-0.03987	0.1042010	-0.00571	-0.02243	-0.04488	-0.00258	-0.02979	0.044082	-0.02269	0.0272426
-0.07293	0.1117969	0.0207052	0.0120942	0.1067418	-0.09796	0.1065525	0.2102720	-0.05568	0.067957
-0.02975	-0.04228	-0.03668	0.048506	-0.05322	0.021084	0.040064	-0.07225	0.004085	-0.0122
0.0457970	-0.04326	0.0253347	-0.05636	-0.03883	-0.04048	-0.04842	-0.09575	0.0240747	-0.03134
0.007219	-0.00472	0.007311	-0.00326	0.0164174	0.004893	0.003587	-0.00335	-0.00315	0.008195
-0.03043	-0.01961	-0.00131	-0.00917	-0.06407	-0.00585	0.0108924	0.0394291	-0.00811	0.005198
-0.05449	-0.01533	0.017911	0.0122669	0.033802	0.002865	-0.01911	-0.00298	0.065818	-0.08279
-0.06669	-0.01916	0.0122141	-0.02096	-0.00362	0.0116687	0.0446146	0.005738	0.003219	-0.01943
-0.02632	0.001062	0.007213	0.001785	0.037947	0.00122	-0.06167	0.007386	0.000977	-0.00215
-0.01285	0.038572	0.008032	-0.0021	0.2651788	0.039306	0.009051	-0.11531	0.000702	0.0181523
-0.16976	-0.03823	-0.05333	0.1109086	0.0257585	-0.10359	-0.31049	0.085255	-0.00447	-0.00338
0.1091245	-0.08117	-0.0436	0.008849	-0.2219	0.030787	0.037766	0.041817	0.0337772	-0.05583
0.0527548	0.090935	-0.0045	0.043862	0.097904	-0.0245	0.1071147	0.1282333	-0.01463	0.0321166
-0.09337	-0.0259	0.0114876	-0.00727	-0.01681	-0.10089	-0.10185	0.031719	0.000517	-0.00948
0.2960593	0.096435	0.1689808	-0.28099	0.090628	0.2739110	0.5551342	-0.1944	0.013277	0.004232
-0.06152	-0.01011	-0.07065	0.1286831	-0.03551	0.036243	-0.08543	0.0539710	-0.0075	0.001746
-0.06778	-0.0381	0.1717647	-0.28861	-0.02692	-0.3437	-0.03375	0.005471	0.0176153	-0.03076
-0.04897	-0.05337	-0.05019	-0.06487	-0.17625	0.010349	-0.01407	-0.03653	-0.21029	0.2581225
0.058265	0.005292	-0.00859	1.2262567	-0.03835	-0.00248	0.054179	-0.00293	0.001216	-0.002
0.00088	0.001754	0.004487	-0.00788	0.0142437	0.0103328	-0.00811	-0.01337	-0.26762	-0.19176
-0.02875	-0.01313	0.060421	0.029189	-0.09726	0.0151309	0.1330575	0.1513327	0.2170675	-0.30214
-0.01033	-0.05299	0.005981	0.005782	-0.03382	0.0152169	-0.0183	-0.02693	0.015719	-0.02156
0.032502	-0.10737	-0.00829	-0.0017	-0.10117	0.0347055	-0.04003	-0.10156	0.030352	-0.04691
-0.09389	0.073023	0.036258	0.009508	0.1214393	-0.02755	0.0110449	0.1010834	-0.01766	0.036732
-0.00839	-0.02249	0.002883	0.016095	0.0266183	-0.00923	0.026645	0.051068	-0.00334	0.001303
0.05256	0.094614	-0.03136	0.0122820	-0.03911	-0.01859	0.093984	0.1251462	-0.0276	0.031757
0.0125296	-0.0019	-0.01565	-0.00281	-0.00293	-0.06292	-0.03366	0.029491	-0.02645	0.036695
-0.05508	-0.00602	-0.0632	0.1150864	-0.02909	0.056871	-0.04338	0.041065	-0.00789	0.003756
0.056304	-0.05428	0.061929	-0.12607	-0.04697	-0.10793	-0.04736	-0.11354	0.0255283	-0.03431
0.002494	-0.02278	-0.0204	-0.04476	-0.03607	0.0216041	-0.00971	-0.07564	-0.15223	0.2072561
-0.02874	-0.03524	-0.05756	-0.06773	-0.10385	0.0109718	0.0124143	-0.05235	-0.17775	0.2350918
0.042411	-0.05306	-0.02315	-0.00485	-0.03148	0.00959	-0.00191	-0.01107	0.006555	-0.0003
0.048073	0.0128946	0.1420474	0.072538	0.047514	-0.0134	0.0469391	0.1101028	-0.08849	0.093217
-0.00342	0.033187	0.5554564	0.3077706	-0.12222	-0.00244	0.006946	-0.01535	-0.08573	0.1139378
0.031757	0.003107	-0.52259	-0.32442	0.1615734	-0.02844	0.0550783	0.1412277	-0.0435	0.030596
2.5250000	0.002048	0.003491	0.002652	0.003813	0.000334	-0.00129	-0.00274	0.000831	-0.00117
2.5250000	0.002048	0.003491	0.002652	0.003813	0.000334	-0.00129	-0.00274	0.000831	-0.00117
-0.00118	0.005311	0.001287	0.001451	0.003274	-0.00045	-0.00146	-0.00188	0.001412	-0.0015

-0.01151	-0.01948	0.1346386	-0.16489	0.1183216	0.2806405	0.02291	0.0139169	0.0188692	-0.02252
0.0135177	-0.01506	-0.0113	-0.00596	0.0144362	-0.00404	0.007586	0.0151068	-0.0095	0.001799
0.0118347	-0.05169	0.000641	-0.00078	-0.00464	0.002326	-0.00073	0.000321	0.004226	-0.00403
0.0117535	-0.04542	-0.0022	-0.00057	-0.00281	0.001404	-0.00015	0.001935	0.002205	-0.00156
0.0503553	-0.00628	-0.06308	-0.03524	0.025479	0.004524	0.0167354	0.0289784	-0.01076	-0.0058
0.00781	-0.00264	0.00192	0.01894	0.067171	-0.02979	0.059611	0.1227808	-0.01979	0.0224167
-0.03041	0.037729	0.02026	0.0184	0.1951313	-0.05349	0.074005	0.1652387	-0.0488	0.07242
0.055503	-0.00687	-0.01044	0.008083	-0.02237	-0.03818	0.1066577	0.1787973	-0.0296	0.0152702
-0.0197	-0.02589	0.00433	0.0112798	0.1045276	0.012201	-0.04088	-0.06249	0.0139667	0.002143
0.040195	-0.07846	-0.01596	0.0192962	-0.16252	0.009483	0.0197243	0.041534	0.02372	-0.05516
0.003777	0.023753	0.009658	0.0168276	0.1288798	-0.05565	0.1016924	0.1998377	-0.04838	0.0586449
0.00934	-0.05696	-0.00581	0.0169646	-0.02279	0.0123441	-0.01421	-0.01571	0.020914	-0.0278
0.2116320	0.0334557	-0.00303	0.0428781	0.084181	-0.03052	-0.04622	-0.14655	-0.00569	0.0141154
-0.0234	-0.00512	-0.00068	-0.00336	0.015695	0.0100174	-0.04729	-0.0422	0.007389	0.001699
-0.06834	0.038213	0.0210806	0.0111858	0.1842453	-0.01467	-0.03755	-0.02565	-0.00591	0.037103
-0.00254	0.086546	-0.0196	-0.02004	-0.13829	0.0296108	-0.04438	-0.08452	0.0280956	-0.04456
-0.00617	-0.16456	0.0107763	0.0124977	0.1160432	0.005772	-0.04446	-0.05335	0.005049	0.013267
0.039074	-0.0369	-0.02213	-0.01401	-0.18847	0.015783	-0.00057	0.059822	-0.00506	-0.01395
-0.04856	0.068521	0.005075	-0.00199	0.060386	0.004234	-0.04757	-0.05884	0.009558	0.004039
0.0173609	-0.11596	-0.00558	-0.00021	-0.03331	0.0118406	-0.02629	0.000918	0.000239	0.00027
0.1763805	0.020277	-0.01	0.1005044	0.081985	-0.02946	-0.00081	-0.1566	0.030293	-0.01524
-0.01527	0.00691	-0.00835	-0.0154	-0.07954	0.026649	-0.02298	-0.1073	0.0218614	-0.0348
-0.06418	0.0257961	0.0126523	-0.00165	0.064718	0.018705	-0.06715	-0.14842	0.02406	-0.0135
-0.06914	0.1971774	-0.00978	-0.03365	-0.17931	0.038902	-0.05239	-0.11659	0.0410046	-0.06356
0.0309627	-0.22068	0.00617	0.009385	0.078044	-0.00191	0.008488	-0.03727	-0.00308	0.007096
0.1011405	-0.03317	-0.03684	-0.01252	-0.20333	0.005932	0.095839	0.080958	-0.01792	-0.01552
-0.07865	0.1209837	0.003152	-0.01884	-0.05208	0.032816	-0.07177	-0.15904	0.0374441	-0.04241
0.074699	-0.14331	-0.01736	-0.00179	-0.071	0.002276	0.059016	0.0247723	-0.01188	-0.00478
0.1773509	0.016531	-0.02759	0.1043669	0.0267982	-0.02876	-0.08099	-0.14653	0.001607	0.025024
0.1988954	-0.05404	0.085586	0.094462	0.005483	0.008451	-0.0275	-0.09451	0.017203	-0.0003
0.0221825	0.0492082	0.0126756	0.0115853	0.003277	-0.00556	0.004605	0.0142517	-0.00491	0.007445
-0.00366	-0.00215	-0.00452	-0.00249	-0.00474	-0.00216	0.004305	0.00641	-0.00853	0.0112170
0.004153	0.00403	-0.00991	-0.00418	-0.00179	-0.00041	-0.00015	-0.00128	0.004098	-0.00127
0.004131	0.004008	-0.00997	-0.00421	-0.00184	-0.0004	-0.00018	-0.00137	0.004106	-0.00126

PC50	PC51	PC52	PC53	PC54	PC55	PC56	PC57
0.0500283	0.031605	-0.01181	-0.0085	0.005299	-0.00608	0.004264	-0.05938
0.5640854	-0.07593	0.1235439	0.03248	-0.00351	-0.0161	-0.00815	-0.07784
-0.00553	-0.04645	-0.0482	-0.09068	0.1764792	-0.1364	-0.12704	0.586018
0.043473	0.054018	0.025414	-0.02524	0.050268	-0.01026	-0.03469	-0.01659
0.06795	0.1094534	0.090034	0.1046996	-0.20097	0.055637	0.1109452	-0.52853
-0.01626	0.0187212	0.056275	-0.03394	-0.03353	-0.01676	-0.00935	-0.03927
0.0242268	0.014249	0.0238864	0.0123884	-0.03784	0.0213194	0.01712	-0.01403
-0.04754	-0.26746	0.089889	-0.0067	0.0127361	0.002793	0.000165	-0.04133
0.0350634	0.0619934	0.1505267	-0.2908	-0.04628	0.099288	0.057496	0.026747
-0.07465	-0.35764	0.1243657	0.001616	0.0224968	0.002936	-0.0006	-0.05048
-0.03866	-0.02656	-0.10053	-0.31799	-0.17902	0.1332858	-0.00388	0.045229
0.095446	-0.05771	-0.2605	-0.10303	-0.02992	0.002844	0.1667606	0.051331935611535096
0.031526	-0.03101	0.005815	0.002895	0.002852	0.024584	-0.03263	-0.01664
0.073347	0.2119873	-0.08467	-0.02876	-0.0277	0.000363	0.002521	0.017353
0.0352918	-0.00975	-0.03423	0.029556	0.0106628	0.0153983	-0.04516	0.006164
-0.00101	-0.07706	0.006216	-0.01334	-0.01015	0.0219589	0.021164	-0.0292
0.043108	-0.04764	-0.03315	0.1452544	-0.35746	-0.29542	-0.02495	-0.01509
-0.00048	-0.00175	-0.00055	0.000402	0.000364	-0.00156	-0.00064	-0.00083
0.034058	0.0221689	0.0191704	-0.00184	-0.01053	0.006445	0.001412	-0.02219
-0.0408	0.0251610	-0.06837	0.1527046	0.2758349	0.1742764	0.010156	-0.03132
-0.03236	0.037748	0.1184229	-0.05572	6.9595178	0.009192	-0.04514	0.032101
-0.06048	0.0606610	0.1765232	-0.05254	0.019453	-0.0301	0.007325	0.057416435184902775
0.033429	-0.05971	-0.12346	-0.01087	-0.05684	0.1024747	-0.17977	-0.04406
0.048016	-0.01812	-0.01485	-0.11693	-0.05592	0.076712	-0.04071	-0.03465
0.055739	0.0110001	-0.10425	0.1937334	0.092165	-0.05738	0.0393958	-0.02799
-0.12966	0.0129019	0.086316	-0.02972	0.006299	-0.03915	0.1824608	-0.03289
0.0362886	0.005529	-0.03708	0.030574	0.0117079	0.0117756	-0.04075	0.008753
0.0153397	-0.02091	0.000342	0.001243	-0.02191	-0.00685	-0.01695	-0.02348
0.0311361	-0.0405	0.063108	0.1110338	-0.08226	0.062324	0.028267	0.040702
0.040738	-0.03826	0.054368	0.1552951	0.046743	0.5118155	0.1570318	0.096156
0.028977	0.05887	0.009735	-0.02014	0.002215	0.0192448	-0.00642	-0.07857
-0.00108	0.0431149	0.011542	-0.02412	0.007078	-0.01041	-0.0123	-0.00734
0.00969	0.053131	0.003699	0.002255	-0.02899	0.002525	-0.00067	0.022049922185959067
-0.01683	0.034002	0.1555432	-0.09343	0.0287489	0.0139649	-0.05636	-0.04987
0.0259206	0.095721	0.010039	0.0121815	-0.0454	0.003751	0.005798	0.03333
-0.01545	-0.033	-0.13028	0.063966	0.0239929	-0.0479	0.1775654	-0.00564
0.0207007	-0.11021	-0.25663	-0.0287	-0.13459	0.09502	-0.07719	0.015373910315647329
0.0356813	0.025417	0.003478	0.021875	-0.0246	0.00583	-0.04462	0.010563681376409834
-0.03623	-0.08649	-0.01418	-0.02329	0.030677	-0.00218	-0.01585	-0.02044
0.0449466	0.0102589	-0.0276	0.029193	-0.04451	0.0118312	-0.00975	-0.00793
-0.01297	0.005571	-0.01499	0.0139821	0.0221905	-0.00503	-0.07408	0.075575
-0.00922	0.019065	-0.18588	-0.19413	0.5032467	0.012476	-0.08869	-0.24031
-0.00063	-0.00208	-0.00038	0.000433	0.000286	-0.00146	-0.00093	-0.00093

-0.01341	-0.01796	-0.01259	-0.03051	0.0130826	-0.00957	-0.02856	-0.01222
0.002757	0.0238775	0.0423538	0.1249601	-0.29486	-0.03035	0.078553	0.15522771459062565
0.0286602	0.009597	0.035211	0.0214845	0.0389981	-0.07543	0.1745712	0.028962
0.002516	0.0308798	0.0936	-0.00605	0.040371	-0.07115	0.1405192	0.051238
0.09608	-0.0664	-0.14829	0.043012	0.036706	-0.05797	0.2273498	-0.05192
-0.02188	0.0193737	0.0151597	0.070674	0.018855	-0.02227	-0.02442	0.00752
-0.01334	-0.0127	-0.07831	0.075704	-0.11574	0.07606	-0.16719	-0.0144
-0.11126	0.008106	0.060977	-0.0415	0.0444455	-0.01632	0.1613330	-0.02332
0.0389808	0.002486	-0.02612	0.0260441	-0.04149	0.0116730	-0.01085	-0.00828
0.032365	0.0121918	-0.03081	0.0100175	0.016261	0.003685	-0.09845	0.036168
0.005074	0.009149	-0.03418	-0.07035	0.1483156	-0.01352	-0.03273	-0.05083
-0.00168	-0.00958	-0.09545	-0.04703	0.1161657	-0.02148	-0.01533	-0.05958
-0.02478	-0.0196	0.067398	0.0292252	0.0314976	0.002962	-0.03034	0.053492
-0.00902	0.052616	0.034573	0.035423	-0.04067	0.0226214	0.0242993	0.017959
0.007195	0.045007	0.006	-0.0052	0.0149788	-0.01856	-0.01015	-0.00896
-0.05907	0.1046358	0.2684142	0.1551720	0.1447544	-0.14696	-0.08947	-0.03252
0.0274925	0.1100714	0.009495	-0.02801	0.022419	-0.02796	-0.01769	-0.01716
0.0209946	0.019094	-0.12118	0.4166863	0.098376	-0.03493	-0.18586	-0.01574
-0.04084	-0.10079	-0.25881	0.1025074	0.053109	-0.05121	0.1553985	0.025718
-0.00217	0.044533	0.0145794	-0.00885	0.0110745	-0.01799	-0.00449	-0.02689
-0.04286	-0.11266	0.001308	0.0540228	-0.0045	0.007457	0.009622	0.014839788983751358
0.009591	0.0287747	-0.02774	-0.02089	0.00399	-0.00629	-0.02721	-0.00508
-0.01802	0.0113964	-0.00517	0.034432	0.000831	-0.01747	0.073884	-0.04471
-0.01579	0.005288	-0.0072	0.1593887	-0.21906	0.3577127	0.1710353	0.19331091056883834
-0.00571	-0.0315	-0.00699	0.0022	-0.00696	0.007286	0.004601	0.001823
-0.02085	-0.00904	-0.00304	0.032103	-0.00209	0.001609	0.0277383	0.029774
0.0599778	-0.02899	-0.19964	-0.23315	-0.01347	-0.11679	-0.01785	-0.1029
0.0211372	0.0150142	-0.00187	0.0124997	-0.00909	0.0304715	-0.07936	-0.03376
0.094097	0.016801	0.0285318	-0.02803	0.001524	0.035128	-0.0003	-0.07456
-0.1258	0.006217	-0.03474	0.066758	-0.03716	0.0177257	-0.21324	0.068358
-0.0126	0.0124234	-0.00144	0.049641	0.018433	-0.01205	-0.01801	-0.01513
-0.04297	-0.04655	-0.13646	0.006101	0.0223	-0.03894	0.1266950	0.009893
0.042186	-0.01503	-0.00417	-0.01898	-0.017	0.029984	0.065168	-0.0044
0.002739	0.0177111	-0.02456	-0.0201	0.004078	-0.00586	-0.02521	-0.00055
0.036781	0.0119822	-0.02941	0.0235496	-0.01003	0.009936	-0.05077	0.009389
-0.00542	0.03952	-0.02041	-0.04384	-0.08518	-0.065	-0.0013	0.031667618129089005
-0.03164	0.0248375	-0.09684	-0.05842	-0.20888	-0.46549	-0.10732	-0.02554
-0.02098	-0.00079	0.002379	0.0192992	0.003005	-0.00578	-0.01546	-0.00138
0.5278147	-0.13417	0.1197679	-0.00342	0.096825	-0.07452	-0.08748	0.19809420841445094
-0.03301	0.0143367	-0.0226	-0.00703	-0.03665	-0.01576	0.0156494	0.019567
0.3624329	-0.08072	0.053924	-0.0085	0.033836	-0.01293	-0.01106	0.043295621833837936
-0.00045	-0.00226	-0.00072	-0.0024	0.000245	-0.00023	0.000206	0.004423
-0.00045	-0.00226	-0.00072	-0.0024	0.000245	-0.00023	0.000206	0.004423
0.000233	-0.00186	0.001586	-0.00088	0.002442	-0.00026	0.000556	0.002849

0.1146356	0.6507159	-0.20971	-0.01685	0.018475	0.054192	0.0159649	0.1300036825534734
0.0224863	0.003873	-0.00907	-0.0038	-0.0029	0.003386	0.005912	-0.00416
-0.01011	-0.00438	-0.01512	-0.00728	-0.00607	0.005906	0.000981	0.003536
-0.00844	-0.00066	-0.01464	0.001565	-0.0041	0.003368	-0.0037	-0.00344
0.1216824	0.013281	-0.00499	0.04386	-0.05516	0.0273259	0.005249	-0.1902
-0.07663	0.0296886	0.031841	0.081539	0.0212972	-0.00553	-0.10265	-0.01157
-0.10725	-0.0359	-0.09521	0.0229986	-0.04915	0.0513142	-0.16694	0.000801
-0.0726	0.077804	0.1872621	-0.05536	0.004169	0.030937	-0.07028	-0.01406
-0.0149	-0.02373	-0.05655	0.053835	0.025873	-0.05418	0.062516	0.026586801459027257
0.006444	0.1013811	0.1227762	0.2383256	0.1189065	-0.07258	-0.07603	-0.0554
-0.10978	0.0100879	0.0180007	-0.00899	-0.03314	0.050781	-0.15127	-0.00588
-0.00557	0.0391790	0.0307023	0.1580776	0.078275	-0.07088	-0.00246	-0.01321
-0.0507	-0.06946	0.024615	-0.06167	-0.0785	-0.10106	-0.04624	-0.05195
-0.0073	-0.01257	-0.00013	0.027077	0.0237553	-0.06322	0.1475838	0.034553
-0.02147	-0.08165	-0.19549	0.098677	0.0170749	-0.05696	0.1101940	0.025028378905804102
0.046615	0.04697	0.1526953	-0.0473	0.090425	-0.13337	0.3678592	0.032654669040485564
-0.01507	-0.02796	-0.03156	-0.02416	-0.00357	-0.01771	0.0538358	0.046014868837973545
-0.0272	0.062112	0.1647511	0.0254950	-0.04502	0.0392743	-0.13848	-0.0074
0.007782	-0.03372	-0.06117	0.0453495	0.055769	-0.10426	0.2550792	0.033201
-0.0234	0.0169838	0.06995	-0.00044	-0.02624	0.0107239	-0.04283	0.022918040981427364
-0.03511	-0.18331	0.035057	-0.05852	0.1422012	-0.00788	-0.06095	-0.10843
0.06505	-0.01095	-0.0139	-0.11922	-0.04907	0.07499	-0.07134	-0.01764
0.1093587	-0.07464	-0.20819	0.006128	-0.0669	0.1190596	-0.15952	-0.10402
0.028379	0.069084	0.1404187	-0.04768	-0.00333	-0.00647	-0.08346	0.074339
0.022279	-0.03231	-0.018	-0.16645	-0.04596	0.063639	0.0131273	-0.00375
-0.01642	0.0225990	0.1055400	-0.16482	-0.01904	0.032076	0.036706	-0.00306
0.08683	-0.01259	-0.06271	-0.02113	-0.04572	0.074815	-0.14885	-0.02913
0.003285	-0.00545	0.049556	-0.18719	-0.03671	0.054063	0.0281764	-0.00385
-0.05082	-0.23572	0.0607157	0.078612	0.001123	0.032543	-0.04268	0.10035218430756324
-0.13281	-0.00414	0.0132845	-0.02144	0.006764	-7.76E-05	0.000854	0.00676
0.0148025	-0.00326	-0.00343	0.003161	0.003075	-0.00398	0.006756	0.002507
0.0212558	-0.00506	0.009148	0.001582	0.000666	0.003185	0.004994	0.001491
-0.00646	0.001329	0.005227	0.008513	0.004928	-0.00526	-0.00727	-0.00092
-0.0067	0.001364	0.005132	0.008486	0.004912	-0.00521	-0.00725	-0.00091