



X16	Pearson Correlation	.740	.175	.200	-.286	.321	.378	.236	.279	.573	.665	-.218	.520	.342	.401
	Sig. (2-tailed)	.000	.178	.145	.063	.042	.020	.104	.068	.000	.000	.123	.002	.032	.014
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X17	Pearson Correlation	.410	.029	-.274	-.018	-.262	-.189	.236	-.126	-.259	-.009	-.055	-.331	.040	.134
	Sig. (2-tailed)	.030	.439	.072	.463	.081	.159	.104	.254	.084	.481	.387	.037	.416	.241
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X18	Pearson Correlation	.692	.218	.079	-.267	.218	.283	.141	.202	.484	.605	.000	.283	.452	.467
	Sig. (2-tailed)	.000	.123	.339	.077	.123	.065	.228	.142	.003	.000	.500	.065	.006	.005
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X19	Pearson Correlation	.665	.262	.432	-.250	.554	.614	.331	.396	.259	.279	.464	.472	.564	.401
	Sig. (2-tailed)	.000	.081	.009	.091	.001	.000	.037	.015	.084	.068	.005	.004	.001	.014
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X20	Pearson Correlation	.570	.309	.111	-.189	.617	.400	.250	.381	.489	.333	.289	.550	.426	.141
	Sig. (2-tailed)	.001	.049	.279	.159	.000	.014	.091	.019	.003	.036	.061	.001	.009	.228
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X21	Pearson Correlation	.549	.308	.313	-.234	.308	.523	.095	.457	.312	.222	.110	.095	.527	.471
	Sig. (2-tailed)	.001	.049	.046	.107	.049	.002	.309	.006	.047	.119	.282	.309	.001	.004
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X22	Pearson Correlation	.544	.175	.042	-.286	.321	.236	.094	.144	.157	.530	.082	.236	.342	.267
	Sig. (2-tailed)	.001	.178	.413	.063	.042	.104	.310	.224	.203	.001	.334	.104	.032	.077
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X23	Pearson Correlation	.421	.155	.068	.169	-.189	-.223	-.223	-.164	.071	.005	-.129	.111	-.202	.079
	Sig. (2-tailed)	.046	.207	.360	.187	.158	.118	.118	.193	.365	.489	.249	.279	.142	.339
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X24	Pearson Correlation	.411	-.196	-.093	-.203	.257	.049	.489	.033	.139	.386	.085	.196	.459	.484
	Sig. (2-tailed)	.012	.149	.313	.141	.086	.399	.003	.432	.232	.018	.328	.150	.005	.003
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X25	Pearson Correlation	.492	-.111	-.017	-.175	.524	.309	.463	.308	.257	.426	.356	.463	.230	-.073
	Sig. (2-tailed)	.003	.279	.464	.178	.001	.049	.005	.049	.086	.010	.027	.005	.110	.351
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X26	Pearson Correlation	.439	.155	-.118	-.147	.155	.111	.446	.154	.398	.164	.032	.111	.333	.236
	Sig. (2-tailed)	.033	.207	.267	.218	.207	.279	.007	.209	.015	.193	.433	.279	.036	.104
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X27	Pearson Correlation	.434	-.073	-.079	0.000	.218	.141	.141	.202	.208	.202	.000	.141	.000	.067
	Sig. (2-tailed)	.036	.351	.339	.500	.123	.228	.228	.142	.136	.142	.500	.228	.500	.363
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X28	Pearson Correlation	-.479	-.257	.247	-.105	-.043	-.069	-.069	.053	-.095	-.053	.080	.139	-.207	0.000
	Sig. (2-tailed)	.034	.085	.094	.291	.411	.358	.358	.391	.309	.391	.337	.232	.136	.500
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X29	Pearson Correlation	.459	-.111	.155	-.175	.048	.154	.154	.161	-.045	.279	.208	.154	.230	.509
	Sig. (2-tailed)	.026	.279	.207	.178	.401	.208	.208	.197	.406	.068	.135	.208	.110	.002
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30
X30	Pearson Correlation	.435	-.279	-.005	-.234	.015	-.048	-.048	.050	-.107	.357	-.027	-.048	.223	.471
	Sig. (2-tailed)	.035	.068	.489	.107	.469	.401	.401	.397	.287	.026	.443	.401	.118	.004
	N	30	30	30	30	30	30	30	30	30	30	30	30	30	30





X14	X15	X16	X17	X18	X19	X20	X21	X22	X23	X24	X25	X26	X27	X28	X29	X30	X31	X32
.789	.528	.740	-.401	.692	.665	.570	.549	.544	.421	.411	.492	.439	.334	-.479	.459	.435	.533	.422
.000	.001	.000	.030	.000	.000	.001	.001	.001	.046	.012	.003	.033	.036	.034	.026	.035	.001	.026
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.045	-.015	.175	.029	.218	.262	.309	.308	.175	.155	-.196	-.111	.155	-.073	-.257	-.111	-.279	-.161	.161
.406	.469	.178	.439	.123	.081	.049	.049	.178	.207	.149	.279	.207	.351	.085	.279	.068	.197	.197
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.093	.164	.200	-.274	.079	.432	.111	.313	.042	.068	-.093	-.017	-.118	-.079	.247	.155	-.005	-.005	-.164
.313	.183	.145	.072	.339	.009	.279	.046	.413	.360	.313	.464	.267	.339	.094	.207	.489	.489	.193
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.351	-.306	-.286	-.018	-.267	-.250	-.189	-.234	-.286	.169	-.203	-.175	-.147	0.000	-.105	-.175	-.234	-.234	.306
.029	.050	.063	.463	.077	.091	.159	.107	.063	.187	.141	.178	.218	.500	.291	.178	.107	.107	.050
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.347	-.015	.321	-.262	.218	.554	.617	.308	.321	-.189	.257	.524	.155	.218	-.043	.048	.015	.308	.161
.030	.469	.042	.081	.123	.001	.000	.049	.042	.158	.086	.001	.207	.123	.411	.401	.469	.049	.197
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.245	.190	.378	-.189	.283	.614	.400	.523	.236	-.223	.049	.309	.111	.141	-.069	.154	-.048	.238	-.048
.096	.157	.020	.159	.065	.000	.014	.002	.104	.118	.399	.049	.279	.228	.358	.208	.401	.103	.401
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.245	.190	.236	.236	.141	.331	.250	.095	.094	-.223	.489	.463	.446	.141	-.069	.154	-.048	-.048	.095
.096	.157	.104	.104	.228	.037	.091	.309	.310	.118	.003	.005	.007	.228	.358	.208	.401	.401	.309
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.107	.086	.279	-.126	.202	.396	.381	.457	.144	-.164	.033	.306	.154	.202	.053	.161	.050	.457	.050
.287	.326	.068	.254	.142	.015	.019	.006	.224	.193	.432	.049	.209	.142	.391	.197	.397	.006	.397
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.435	.247	.573	-.259	.484	.259	.489	.312	.157	.071	.139	.257	.308	.208	-.095	-.045	-.107	.312	-.247
.008	.084	.000	.084	.003	.084	.003	.047	.203	.355	.232	.086	.015	.136	.309	.406	.287	.047	.094
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.870	.457	.665	-.009	.605	.279	.333	.222	.530	.005	.386	.426	.164	.202	-.053	.279	.357	.493	.086
.000	.006	.000	.481	.000	.068	.036	.119	.001	.489	.018	.010	.193	.142	.391	.068	.026	.003	.326
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.198	.027	.218	-.055	.000	.464	.289	.110	.082	-.129	.085	.356	.032	.000	.080	.208	-.027	.247	.247
.148	.443	.123	.387	.500	.005	.061	.282	.334	.249	.329	.027	.433	.500	.337	.135	.443	.094	.094
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.538	.048	.520	-.331	.283	.472	.550	.095	.236	.111	.196	.463	.111	.141	.139	.154	-.048	.238	.095
.001	.401	.002	.037	.065	.004	.001	.309	.104	.279	.150	.005	.279	.228	.232	.208	.401	.103	.309
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.480	.537	.342	.040	.452	.564	.426	.527	.342	-.202	.458	.230	.333	.000	-.207	.230	.223	.375	.071
.004	.001	.032	.416	.006	.001	.009	.001	.032	.142	.005	.110	.036	.500	.136	.110	.118	.021	.355
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.484	.874	.401	.134	.467	.401	.141	.471	.267	.079	.484	-.073	.236	.067	0.000	.509	.471	.202	-.067
.003	.000	.014	.241	.005	.014	.228	.004	.077	.339	.003	.351	.104	.363	.500	.002	.004	.142	.362
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
1	.451	.675	-.018	.623	.206	.391	.247	.675	.093	.292	.498	.093	.346	-.109	.196	.386	.526	.107
.006	.000	.461	.000	.056	.016	.094	.000	.313	.059	.003	.313	.031	.284	.149	.018	.001	.287	.287
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.451	1	.261	.126	.336	.279	.048	.357	.261	.164	.526	-.161	.323	.067	-.053	.426	.357	.086	-.186
.006		.082	.254	.035	.068	.401	.026	.082	.193	.001	.197	.041	.362	.391	.010	.026	.326	.163
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30



.675	.261	1	-.071	.535	.339	-.378	-.279	.330	.042	.018	.467	.200	-.401	.170	.321	.413	-.413	.009
.000	.082		-.354	.001	.033	.020	.068	.037	-.413	.461	.005	.145	.014	.184	.042	.012	.012	.481
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.018	-.126	-.071	1	-.134	-.196	-.189	-.126	-.071	-.274	.018	.029	.200	-.134	-.223	-.175	-.144	-.009	.009
.461	.254	.354		.241	.149	.159	.254	.354	.072	.461	.439	.145	.241	.118	.178	.224	.481	.481
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.623	.336	.535	-.134	1	.401	.283	.605	.668	-.079	.208	.218	.079	.333	-.196	.073	.336	.605	-.067
.000	.035	.001	-.241		.014	.065	.000	.000	.339	.136	.123	.339	.036	.149	.351	.035	.000	.362
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.296	.279	.339	-.196	.401	1	.472	.530	.339	.116	.259	.262	.116	.000	.026	.262	-.009	-.009	.126
.056	.068	.033	.149	.014		.004	.001	.033	.271	.084	.081	.271	.500	.445	.081	.481	.481	.254
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.391	.048	.378	-.189	.283	.472	1	.523	.236	-.056	.196	.463	.446	.141	-.277	-.154	-.048	.381	.095
.016	.401	.020	.159	.065	.004		.002	.104	.385	.150	.005	.007	.228	.069	.208	.401	.019	.309
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.247	.357	.279	-.126	.605	.530	.523	1	.413	-.164	.033	.015	.154	-.067	-.343	.015	.050	.457	-.086
.094	.026	.068	.254	.000	.001	.002		.012	.193	.432	.469	.209	.362	.032	.469	.397	.006	.326
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.675	.261	.330	-.071	.668	.339	.236	.413	1	.042	.018	.175	-.116	.267	-.419	.029	.144	.548	-.144
.000	.082	.037	-.354	.000	.033	.104	.012		.413	.461	.178	.271	.077	.011	.439	.224	.001	.224
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.093	.164	.042	-.274	.079	.116	-.056	-.164	.042	1	-.093	-.189	-.118	.236	.247	-.017	-.005	-.323	-.005
.313	.193	.413	.072	.339	.271	.385	.193	.413		.313	.158	.267	.104	.094	.464	.489	.041	.489
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.292	.526	.018	.018	.208	.259	.196	.033	.018	-.093	1	.257	.562	.069	.109	.257	.312	.033	.033
.059	.001	.461	.461	.136	.084	.150	.432	.461	.313		.086	.001	.358	.284	.086	.047	.432	.432
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.498	-.161	.467	-.029	.218	.262	.463	.015	.175	-.189	.257	1	.327	.218	-.043	.048	.161	.308	.308
.003	.197	.005	.439	.123	.081	.005	.469	.178	.158	.086		.039	.123	.411	.401	.197	.049	.049
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.093	.323	.200	.200	.079	.116	.446	.154	-.116	-.118	.562	.327	1	.079	-.216	.155	-.005	.154	-.005
.313	.041	.145	.145	.339	.271	.007	.209	.271	.267	.001	.039		.339	.125	.207	.489	.209	.489
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.346	.067	.401	-.134	.333	.000	.141	-.067	.267	.296	.069	.218	.079	1	0.000	.073	.336	.336	-.202
.031	.382	.014	.241	.036	.500	.228	.362	.077	.104	.358	.123	.339		.500	.351	.035	.035	.142
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.109	-.053	.170	-.223	-.196	.026	-.277	-.343	-.419	.247	.109	-.043	-.216	0.000	1	.171	.251	-.343	-.145
.284	.391	.184	.118	.149	.445	.068	.032	.011	.094	.284	.411	.125	.500		.183	.091	.032	.222
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.196	.426	.321	.175	.073	.262	-.154	.015	.029	-.017	.257	.048	.155	.073	.171	1	.455	.015	-.132
.149	.010	.042	.178	.351	.081	.208	.469	.439	.464	.086	.401	.207	.351	.183		.006	.469	.243
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.386	.357	.413	.144	.336	-.009	-.048	.050	.144	-.005	.312	.161	-.005	.336	.251	.455	1	.321	-.086
.018	.026	.012	.224	.035	.481	.401	.397	.224	.489	.047	.197	.489	.035	.091	.008		.042	.326



30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.526 <sup>-</sup>	.086	.413 <sup>-</sup>	.009	.605 <sup>-</sup>	-.009	.381 <sup>-</sup>	.457 <sup>-</sup>	-.548 <sup>-</sup>	-.323 <sup>-</sup>	.033	.306 <sup>-</sup>	.154	.336 <sup>-</sup>	-.343 <sup>-</sup>	.015	.321 <sup>-</sup>	1	.050	
.001	.326	.012	.481	.000	.481	.019	.006	.001	.041	.432	.049	.209	.035	.032	.469	.042		.397	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.107	-.186	.009	.009	-.067	.126	.095	-.066	.144	-.005	.033	.306 <sup>-</sup>	-.005	-.202	-.145	-.132	-.086	.050	1	
.287	.163	.481	.481	.362	.254	.309	.326	.224	.489	.432	.049	.489	.142	.222	.243	.326	.397		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.196	-.015	.467 <sup>-</sup>	-.408	.364 <sup>-</sup>	.262	.309	.455 <sup>-</sup>	.321 <sup>-</sup>	-.189	-.196	.206	-.017	.364 <sup>-</sup>	-.043	.206	.161	.455 <sup>-</sup>	-.279	
.149	.469	.005	.013	.024	.081	.049	.006	.042	.158	.149	.137	.464	.024	.411	.137	.197	.006	.068	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.302	.223	.262	-.191	.151	.494 <sup>-</sup>	30	.081	.262	.202	.010	.099	-.154	.000	-.015	.263	.081	-.223	.233	
.052	.118	.081	.156	.213	.003	30	.335	.081	.142	.478	.302	.208	.500	.469	.080	.335	.118	.107	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.146	.223	.262	-.191	.151	.494 <sup>-</sup>	.053	.233	-.040	.024	.010	.099	-.154	-.151	.207	.099	-.071	-.223	.233	
.221	.118	.081	.156	.213	.003	.390	.107	.416	.450	.478	.302	.208	.213	.136	.302	.355	.118	.107	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.254	.067	-.134	-.134	.333 <sup>-</sup>	-.089	.000	.157	.312	-.184	.208	.024	-.184	.111	-.131	-.218	.157	.381 <sup>-</sup>	-.067	
.088	.362	.241	.241	.036	.320	.500	.204	.047	.165	.136	.449	.165	.279	.246	.123	.204	.019	.362	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.298	.343	.367 <sup>-</sup>	-.026	.392	.223	.139	.053	-.026	.247	.515 <sup>-</sup>	.171	.479 <sup>-</sup>	.392	.135	.385	.251	.053	-.145	
.055	.032	.023	.445	.016	.118	.232	.391	.445	.094	.002	.183	.004	.016	.239	.018	.091	.391	.222	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.155	.030	.060	-.120	.268	-.060	-.126	.331 <sup>-</sup>	.239	-.035	-.155	-.098	-.247	-.089	-.175	-.098	-.030	.150	-.030	
.207	.437	.377	.265	.076	.377	.253	.037	.102	.427	.207	.304	.094	.319	.177	.304	.437	.214	.437	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.621 <sup>-</sup>	.302	.491 <sup>-</sup>	.082	.408	.055	-.144	-.110	.218	.032	.226	.356 <sup>-</sup>	.032	.272	.050	.208	.659 <sup>-</sup>	.522 <sup>-</sup>	.110	
.000	.052	.003	.334	.013	.387	.223	.282	.123	.433	.115	.027	.433	.073	.337	.135	.000	.002	.282	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.247	.086	.144	.144	-.057	-.009	-.048	.144	.154	-.107	.015	-.005	-.067	-.145	.015	-.222	-.086	.321 <sup>-</sup>		
.094	.326	.224	.224	.362	.481	.401	.326	.224	.209	.287	.469	.489	.362	.222	.469	.119	.326	.042	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.196	.132	.029	-.408	.364 <sup>-</sup>	.117	.154	.308	.321 <sup>-</sup>	-.017	.106	.048	-.017	.218	-.043	.048	.015	.455 <sup>-</sup>	-.279	
.149	.243	.439	.013	.024	.270	.208	.049	.042	.464	.289	.401	.464	.123	.411	.401	.469	.006	.068	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.045	.132	.029	.029	.073	.262	.154	.015	.029	.327 <sup>-</sup>	.106	-.111	.155	.073	-.043	.048	-.132	-.279	.161	
.406	.243	.439	.439	.351	.081	.208	.469	.439	.039	.289	.279	.207	.351	.411	.401	.243	.068	.197	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.157	.144	.071	.071	-.267	.196	.189	-.279	-.063	.116	.259	.117	.274	-.134	.026	.117	-.144	-.279	.396	
.203	.224	.354	.354	.077	.149	.159	.068	.371	.271	.094	.270	.072	.241	.445	.270	.224	.068	.015	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.296	.144	.339 <sup>-</sup>	-.063	.535 <sup>-</sup>	.063	.169	.530	.339	-.358 <sup>-</sup>	-.018	-.117	.116	-.134	-.170	-.029	.126	.665 <sup>-</sup>	-.279	
.056	.224	.033	.371	.001	.371	.159	.001	.033	.026	.461	.270	.271	.241	.184	.439	.254	.000	.068	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.675 <sup>-</sup>	.261	1	-.071	.535 <sup>-</sup>	.339	.378	.279	.330	.042	.018	.467 <sup>-</sup>	.200	.401 <sup>-</sup>	.170	.321 <sup>-</sup>	.413	.413	.009	
.000	.082		.354	.001	.033	.020	.068	.037	.413	.461	.005	.145	.014	.184	.042	.012	.012	.481	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.093	.164	.200	-.274	.079	.432 <sup>-</sup>	.111	.313	.042	.068	-.093	-.017	-.118	-.079	.247	.155	-.005	-.005	-.164	
.313	.193	.145	.072	.339	.009	.279	.046	.413	.360	.313	.464	.267	.339	.094	.207	.489	.489	.193	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.346 <sup>-</sup>	.067	.401 <sup>-</sup>	-.134	.333	.000	.141	-.067	.267	.236	.069	.218	.079	1	0.000	.073	.336	.336	-.202	
.031	.362	.014	.241	.036	.500	.228	.362	.077	.104	.358	.123	.339		.500	.351	.035	.035	.142	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.198	.027	.218	-.055	.000	.464 <sup>-</sup>	.289	.110	.082	-.129	.085	.356 <sup>-</sup>	.032	.000	.080	.208	-.027	.247	.247	
.148	.443	.123	.387	.500	.005	.061	.282	.334	.249	.328	.027	.433	.500	.337	.135	.443	.094	.094	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.675 <sup>-</sup>	.261	1	-.071	.535 <sup>-</sup>	.339	.378	.279	.330	-.042	.018	.467 <sup>-</sup>	.200	.401 <sup>-</sup>	.170	.321 <sup>-</sup>	.413	.413	.009	
.000	.082		.354	.001	.033	.020	.068	.037	.413	.461	.005	.145	.014	.184	.042	.012	.012	.481	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
.498 <sup>-</sup>	-.161	.467 <sup>-</sup>	.029	.218	.262	.463 <sup>-</sup>	.015	.175	-.189	.257	1	.327	.218	-.043	.048	.161	.306	.308	
.003	.197	.005	.439	.123	.081	.005	.469	.178	.158	.086		.039	.123	.411	.401	.197	.049	.049	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	



X33	X34	X35	X36	X37	X38	X39	X40	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50
.412	.484	.421	.433	.424	.047	.509	.438	.450	.119	-.418	.395	.692	.310	-.334	.417	.740	.492
.012	.064	.042	.024	.010	.037	.002	.023	.029	.027	.027	.015	.000	.048	.036	.011	.000	.003
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.048	-.066	-.066	-.218	-.043	.098	-.238	.308	-.048	.048	-.029	.262	.218	.155	-.073	.069	.175	-.111
.401	.365	.365	.123	.411	.304	.103	.049	.401	.401	.439	.081	.123	.207	.351	.378	.178	.279
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.327	.202	.380	-.184	.015	-.035	.032	-.005	.327	-.017	-.042	.116	.079	1	-.079	.032	.200	-.017
.039	.142	.019	.165	.468	.427	.433	.489	.039	.464	.413	.271	.339		.339	.433	.145	.464
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.175	-.161	-.161	-.089	-.105	.239	-.218	.306	-.175	.117	.018	-.250	-.267	-.147	0.000	-.218	-.286	-.175
.178	.197	.197	.320	.291	.102	.123	.050	.178	.270	.463	.091	.077	.218	.500	.123	.063	.178
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.524	-.066	.263	.024	-.043	-.098	.059	-.132	.365	.048	.117	.117	.218	.327	.218	.505	.321	.524
.001	.365	.080	.449	.411	.304	.378	.243	.024	.401	.270	.270	.123	.039	.123	.002	.042	.001
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.617	.053	.533	.000	-.069	.063	.000	-.048	.463	.000	-.094	.331	.283	.613	.141	.433	.378	.309
.000	.390	.001	.500	.358	.370	.500	.401	.005	.500	.310	.037	.065	.000	.228	.008	.020	.049
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.000	.053	.213	-.236	.347	-.126	-.144	-.048	0.000	0.000	.047	.047	.141	.111	.141	.144	.236	.463
.500	.390	.129	.105	.030	.253	.223	.401	.500	.500	.402	.402	.228	.279	.228	.223	.104	.005
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.455	-.071	.233	-.067	.053	-.211	.110	-.222	.455	-.132	-.144	.261	.202	.472	.202	.522	.279	.308
.006	.355	.107	.362	.391	.132	.282	.119	.006	.243	.224	.082	.142	.004	.142	.002	.068	.049
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.257	.010	.167	-.023	.312	.031	.085	.033	.257	-.046	-.018	.397	.484	.071	.208	.226	.573	.257
.086	.478	.189	.452	.047	.436	.328	.432	.086	.406	.461	.015	.003	.355	.136	.115	.000	.086
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.132	.223	.071	.291	.343	.211	.577	.222	.279	-.161	.009	.413	.605	.005	.202	.302	.665	.426
.243	.118	.355	.059	.032	.132	.000	.119	.068	.197	.481	.012	.000	.489	.142	.052	.000	.010
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.208	.123	.277	-.045	-.120	-.183	.167	-.165	.208	-.238	.065	.191	.000	.032	.000	1	.218	.356
-.135	.258	.069	.406	.264	.167	-.189	.192	.135	.103	.387	.156	.500	.433	.500		.123	.027
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.309	.053	.213	.000	.139	-.126	.144	.095	.309	.000	.189	.189	.283	.111	.141	.577	.520	.463
.049	.390	.129	.500	.232	.253	.223	.309	.049	.500	.159	.159	.065	.279	.228	.000	.002	.005
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.066	.364	.193	.201	.237	.067	.492	.081	.066	-.099	.111	.262	.452	.154	.000	.339	.342	.230
.365	.024	.153	.143	.104	.362	.003	.335	.365	.302	.280	.081	.006	.208	.500	.034	.032	.110
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.073	.302	.302	.111	.392	.089	.408	-.067	.218	.073	.000	.267	.467	.236	.067	.136	.401	-.073
.351	.053	.053	.279	.016	.319	.013	.362	.123	.351	.500	.077	.005	.104	.363	.237	.014	.351
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.196	.302	.146	.254	.298	.155	.621	.247	.196	.045	.157	.296	.623	.093	.346	.198	.675	.498
.149	.052	.221	.088	.055	.207	.000	.094	.149	.406	.203	.056	.000	.313	.031	.148	.000	.003
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.015	.223	.223	.067	.343	.030	-.302	.086	.132	.132	.144	.144	.336	.164	.067	.027	.261	-.161
.469	.118	.118	.362	.032	.437	.052	.326	.243	.243	.224	.224	.035	.193	.362	.443	.082	.197
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30



.467	.262	.262	-.134	.367	.060	.491	.144	-.029	.029	-.071	.339	.535	.200	-.401	.218	1	.467
.005	.081	.081	.241	.023	.377	.003	.224	.439	.439	.354	.033	.001	.145	.014	.123		.005
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.408	-.191	-.191	-.134	-.026	-.120	-.082	-.144	-.408	.029	-.071	-.063	-.134	-.274	-.134	-.055	-.071	.029
.013	.156	.156	.241	.445	.265	.334	.224	.013	.439	.354	.371	.241	.072	.241	.387	.354	.439
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.364	.151	.151	.333	.392	.268	.408	-.067	.364	.073	-.267	.535	1	.079	.333	.000	.535	.218
.024	.213	.213	.036	.016	.076	.013	.362	.024	.351	.077	.001		.339	.036	.500	.001	.123
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.262	.494	.494	-.089	.223	-.060	.055	-.009	.117	.262	.196	.063	.401	.432	.000	.464	.339	.262
.081	.003	.003	.320	.118	.377	.387	.481	.270	.081	.149	.371	.014	.009	.500	.005	.033	.081
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.309	.053	.053	.000	.139	-.126	.144	-.048	.154	.189	.189	.283	.111	.141	.289	.378	.463	
.049	.390	.390	.500	.232	.253	.223	.401	.208	.208	.159	.159	.065	.279	.228	.061	.020	.005
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.455	.081	.233	.157	.053	.331	.110	-.086	.308	.015	-.279	.530	.605	.313	-.067	.110	.279	.015
.006	.335	.107	.204	.391	.037	.282	.326	.049	.469	.068	.001	.000	.046	.362	.282	.068	.469
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.321	.262	-.040	.312	-.026	.239	.218	.144	.321	.029	-.063	.339	.668	.042	.267	.082	.330	.175
.042	.081	.416	.047	.445	.102	.123	.224	.042	.439	.371	.033	.000	.413	.077	.334	.037	.178
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.189	.202	.024	-.184	.247	-.035	.032	.154	-.017	.327	.116	-.368	.079	.068	.236	-.129	.042	-.189
.158	.142	.450	.165	.094	.427	.433	.209	.464	.039	.271	.026	.339	.360	.104	.249	.413	.158
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.196	.010	.010	.208	.515	-.155	.226	-.107	.106	.106	.259	-.018	.208	-.093	.069	.085	.018	.257
.149	.478	.478	.136	.002	.207	.115	.287	.289	.289	.084	.461	.136	.313	.358	.328	.461	.086
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.206	.099	.099	.024	.171	-.098	.356	.015	.048	-.111	.117	.117	.218	-.017	.218	.356	.467	1
.137	.302	.302	.449	.183	.304	.027	.469	.401	.279	.270	.270	.123	.464	.123	.027	.005	
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.017	-.154	-.154	-.184	.479	-.247	.032	-.005	-.017	.155	.274	.116	.079	-.118	.079	.032	.200	.327
.464	.208	.208	.165	.004	.094	.433	.489	.464	.207	.072	.271	.339	.267	.339	.433	.145	.039
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.364	.000	-.151	.111	.392	-.089	.272	-.067	.218	.073	-.134	.134	.333	-.079	1	.000	.401	.218
.024	.500	.213	.279	.016	.319	.073	.362	.123	.351	.241	.241	.036	.339		.500	.014	.123
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.043	-.015	.207	-.131	.135	-.175	.080	-.145	-.043	.026	-.170	-.196	.247	0.000	.080	.170	-.043	
.411	.469	.136	.246	.239	.177	.337	.222	.411	.411	.445	.184	.149	.094	.500	.337	.184	.411
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.206	.263	.099	-.218	.385	-.098	.208	.015	.048	.117	-.029	.073	.155	.073	.208	.321	.048	
.137	.080	.302	.123	.018	.304	.135	.469	.401	.401	.270	.439	.351	.207	.351	.135	.042	.401
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.161	.081	-.071	.157	.251	-.030	.659	-.222	.015	-.132	-.144	.126	.336	-.005	.336	-.027	.413	.161
.197	.335	.355	.204	.091	.437	.000	.119	.469	.243	.224	.254	.035	.489	.035	.443	.012	.197





30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.455	-.223	-.223	.381	-.053	.150	.522	-.086	.455	-.279	-.279	.665	.605	-.005	-.336	.247	-.413	.308		
.006	.118	.118	.019	.391	.214	.002	.326	.006	.068	.068	.000	.000	.489	.035	.094	.012	.049		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.279	.233	.233	-.067	-.145	-.030	-.110	-.321	-.279	-.161	-.396	-.279	-.067	-.164	-.202	.247	.009	.308		
.068	.107	.107	.362	.222	.437	.282	.042	.068	.197	.015	.068	.362	.193	.142	.094	.481	.049		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
1	-.066	.099	.024	-.043	.098	.059	-.279	.524	-.111	-.321	.554	.364	.327	.364	.208	.467	.206		
	.365	.302	.449	.411	.304	.378	.068	.001	.279	.042	.001	.024	.039	.024	.135	.005	.137		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.066	1	.489	-.201	.207	-.067	.123	.081	-.230	.263	.342	-.262	.151	.202	.000	.123	.262	.099		
.365		.003	.143	.136	.362	.258	.335	.110	.080	.032	.081	.213	.142	.500	.258	.081	.302		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.099	.489	1	-.201	-.015	-.067	-.031	-.071	-.066	.263	.191	-.111	.151	.380	-.151	.277	.262	.099		
.302	.003		.143	.469	.362	.436	.355	.365	.080	.156	.280	.213	.019	.213	.069	.081	.302		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.024	-.201	-.201	1	-.131	.447	.408	.157	.509	-.218	-.312	.356	.333	-.184	.111	-.045	-.134	.024		
.449	.143	.143		.246	.007	.013	.204	.002	.123	.047	.027	.036	.165	.279	.406	.241	.449		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.043	.207	-.015	-.131	1	-.175	-.280	.053	-.043	.385	.223	.026	.392	.015	.392	-.120	.367	.171		
.411	.136	.469	.246		.177	.067	.391	.411	.018	.118	.445	.016	.468	.016	.264	.023	.183		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.098	-.067	-.067	.447	-.175	1	.183	.331	.098	-.293	-.418	.299	.268	-.035	-.089	-.183	.060	-.098		
.304	.362	.362	.007	.177		.167	.037	.304	.058	.011	.054	.076	.427	.319	.167	.377	.304		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.059	.123	-.031	.408	.280	-.183	1	.110	.059	-.089	.055	.191	.408	.032	.272	.167	.491	.356		
.378	.258	.436	.013	.067	.167		.282	.378	.320	.387	.156	.013	.433	.073	.189	.003	.027		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.279	.081	-.071	.157	.053	.331	.110	1	-.132	.308	.396	-.144	-.067	-.005	-.067	-.165	.144	.015		
.068	.335	.355	.204	.391	.037	.282		.243	.049	.015	.224	.362	.489	.362	.192	.224	.469		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.524	-.230	-.066	.508	-.043	.098	.059	-.132	1	-.270	-.467	.554	.364	.327	.218	.208	.029	.048		
.001	-.110	.365	.002	.411	.304	.378	.243		.075	-.005	.001	.024	.039	.123	.135	.439	.401		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.111	.263	.263	-.218	.385	-.293	-.089	.308	-.270	1	.700	-.467	.073	-.017	.073	-.238	.029	-.111		
.279	.080	.080	.123	.018	.058	.320	.049	.075		.000	.005	.351	.464	.351	.103	.439	.279		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
-.321	.342	.191	-.312	.223	-.418	.055	.396	-.467	.700	1	-.607	-.267	-.042	-.134	.065	.071	.117		
.042	.032	.156	.047	.118	.011	.387	.015	.005	.000	.000	.077	.413	.241	.387	.354	.270			
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.554	-.262	-.111	.356	.026	.299	.191	-.144	.554	-.467	-.607	1	.535	.116	.134	.191	.339	.117		
.001	.081	.280	.027	.445	.054	.156	.224	.001	.005	.000		.001	.271	.241	.156	.033	.270		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.467	.262	.262	-.134	.367	.060	.491	.144	.029	.029	.071	.339	.535	.200	.401	.216	1	.467		
.005	.081	.081	.241	.023	.377	.003	.224	.439	.439	.354	.033	.001	.145	.014	.123		.005		
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
.206	.099	.099	.024	.171	-.098	.356	.015	.048	-.111	.117	.117	.218	-.017	.218	.356	.467	1		
.137	.302	.302	.449	.183	.304	.027	.469	.401	.279	.270	.270	.123	.464	.123	.027	.005			
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

