

Appendix K Log Transformation

		Econs Exam	MCQPERCENT	CASEPERCENT	ESSAYPERCENT	Age	LOG age	Ability	LOG Ability
Econs Exam	Pearson Correlation	1							
	N	225							
MCQPERCENT	Pearson Correlation	.813	1						
	Sig. (1-tailed)	.000							
CASEPERCENT	N	225	225						
	Pearson Correlation	.592	.313	1					
ESSAYPERCENT	Sig. (1-tailed)	.000	.000						
	N	225	225	225					
Age	Pearson Correlation	.826	.429	.325	1				
	Sig. (1-tailed)	.000	.000	.000					
LOG age	N	225	225	225	225				
	Pearson Correlation	.026	.082	-.005	-.026	1			
Ability	Sig. (1-tailed)	.348	.111	.468	.349				
	N	225	225	225	225	255			
LOG Ability	Pearson Correlation	.014	.052	.022	-.034	.993	1		
	Sig. (1-tailed)	.416	.220	.373	.309	.000			
Ability	N	224	224	224	224	254	254		
	Pearson Correlation	.631	.504	.321	.551	-.108	-.118	1	
LOG Ability	Sig. (1-tailed)	.000	.000	.000	.000	.048	.036		
	N	220	220	220	220	236	235	236	
LOG Ability	Pearson Correlation	.628	.489	.320	.561	-.120	-.128	.992	1
	Sig. (1-tailed)	.000	.000	.000	.000	.032	.025	.000	
	N	220	220	220	220	236	235	236	236

Log Transformations - Correlations

		LOG Econs Overall	LOG Econs MCQ	LOG Econs Case	LOG Econs Essay	Age	LOG age	Ability	LOG Ability
LOG Econs Exam Overall	Pearson Correlation	1							
	N	225							
LOG Econs Exam MCQ Only	Pearson Correlation	.809	1						
	Sig. (1-tailed)	.000							
LOG Econs Exam Case Only	N	225	225						
	Pearson Correlation	.615	.361	1					
LOG Econs Exam Case Only	Sig. (1-tailed)	.000	.000						
	N	221	221	221					
LOG Econs Exam Essay Only	Pearson Correlation	.870	.494	.414	1				
	Sig. (1-tailed)	.000	.000	.000					
LOG Econs Exam Essay Only	N	225	225	221	225				
	Pearson Correlation	.029	.087	-.047	-.017	1			
Age	Sig. (1-tailed)	.331	.097	.242	.401				
	N	225	225	221	225	255			
LOG age	Pearson Correlation	.020	.055	-.034	-.021	.993	1		
	Sig. (1-tailed)	.382	.205	.309	.376	.000			
LOG age	N	224	224	220	224	254	254		
	Pearson Correlation	.596	.512	.304	.519	-.108	-.118	1	
Ability	Sig. (1-tailed)	.000	.000	.000	.000	.048	.036		
	N	220	220	217	220	236	235	236	
LOG Ability	Pearson Correlation	.606	.504	.309	.544	-.120	-.128	.992	1
	Sig. (1-tailed)	.000	.000	.000	.000	.032	.025	.000	
LOG Ability	N	220	220	217	220	236	235	236	236

Log Transformations Correlations

		PM Exam	Age	LOG age	LOG Mean Excl Project Mgmt	Mean Exam excl PM
PM Exam	Pearson Correlation	1				
	N	151				
Age	Pearson Correlation	-.076	1			
	Sig. (1-tailed)	.177				
LOG age	N	151	255			
	Pearson Correlation	-.057	.993	1		
LOG Mean Excl Project Mgmt	Sig. (1-tailed)	.243	.000			
	N	150	254	254		
Mean Exam excl PM	Pearson Correlation	.531	-.044	-.051	1	
	Sig. (1-tailed)	.000	.248	.217		
Mean Exam excl PM	N	151	242	241	242	
	Pearson Correlation	.535	-.050	-.060	.981	1
Mean Exam excl PM	Sig. (1-tailed)	.000	.219	.178	.000	
	N	151	242	241	242	242

Log Transformations Correlations

		LOG Project Management Exam	Age	LOG age	LOG Mean Excl Project Mgmt	Mean Exam excl PM
LOG Project Management Exam	Pearson Correlation	1				
	N	151				
Age	Pearson Correlation	-.091	1			
	Sig. (1-tailed)	.134				
LOG age	N	151	255			
	Pearson Correlation	-.076	.993	1		
LOG Mean Excl Project Mgmt	Sig. (1-tailed)	.178	.000			
	N	150	254	254		
Mean Exam excl PM	Pearson Correlation	.506	-.044	-.051	1	
	Sig. (1-tailed)	.000	.248	.217		
LOG Mean Excl Project Mgmt	N	151	242	241	242	
	Pearson Correlation	.504	-.050	-.060	.981	1
Mean Exam excl PM	Sig. (1-tailed)	.000	.219	.178	.000	
	N	151	242	241	242	242

Log Transformations Correlations

		Acc Exam	Age	LOG age	Mean Exam excl ACC	LOG Mean Excl Accounting
Acc Exam	Pearson Correlation	1				
	N	155				
Age	Pearson Correlation	-.075	1			
	Sig. (1-tailed)	.176				
LOG age	N	155	255			
	Pearson Correlation	-.117	.993	1		
Mean Exam excl ACC	Sig. (1-tailed)	.074	.000			
	N	154	254	254		
LOG Mean Excl Accounting	Pearson Correlation	.589	-.042	-.043	1	
	Sig. (1-tailed)	.000	.259	.254		
LOG Mean Excl Accounting	N	154	241	240	241	
	Pearson Correlation	.590	-.040	-.040	.981	1
LOG Mean Excl Accounting	Sig. (1-tailed)	.000	.268	.270	.000	
	N	154	241	240	241	241

Log Transformations Correlations

		LOG Accounting	Age	LOG age	Mean Exam excl	LOG Mean Excl
		Exam			ACC	Accounting
LOG Accounting Exam	Pearson Correlation	1				
	N	155				
Age	Pearson Correlation	-.101	1			
	Sig. (1-tailed)	.107				
	N	155	255			
LOG age	Pearson Correlation	-.138	.993	1		
	Sig. (1-tailed)	.044	.000			
	N	154	254	254		
Mean Exam excl ACC	Pearson Correlation	.558	-.042	-.043	1	
	Sig. (1-tailed)	.000	.259	.254		
	N	154	241	240	241	
LOG Mean Excl Accounting	Pearson Correlation	.567	-.040	-.040	.981	1
	Sig. (1-tailed)	.000	.268	.270	.000	
	N	154	241	240	241	241

Log Transformations Correlations

		Fin Exam	Age	LOG age	Mean Exam excl FIN	LOG Mean Excl Finance
Fin Exam	Pearson					
	Correlation	1				
	N	133				
Age	Pearson					
	Correlation	-.018	1			
	Sig. (1-tailed)	.418				
LOG age	Pearson					
	Correlation	-.048	.993	1		
	Sig. (1-tailed)	.294	.000			
Mean Exam excl FIN	Pearson					
	Correlation	.689	-.071	-.072	1	
	Sig. (1-tailed)	.000	.136	.131		
LOG Mean Excl Finance	Pearson					
	Correlation	.672	-.066	-.066	.980	1
	Sig. (1-tailed)	.000	.152	.154	.000	
	N	133	242	241	242	242

Log Transformations Correlations

		LOG Finance Exam	Age	LOG age	Mean Exam excl FIN	LOG Mean Excl Finance
LOG Finance Exam	Pearson Correlation	1				
	N	133				
Age	Pearson Correlation	-.018	1			
	Sig. (1-tailed)	.417				
LOG age	N	133	255			
	Pearson Correlation	-.040	.993	1		
Mean Exam excl FIN	Sig. (1-tailed)	.322	.000			
	N	132	254	254		
LOG Mean Excl Finance	Pearson Correlation	.665	-.071	-.072	1	
	Sig. (1-tailed)	.000	.136	.131		
LOG Mean Excl Finance	N	133	242	241	242	
	Pearson Correlation	.656	-.066	-.066	.980	1
LOG Mean Excl Finance	Sig. (1-tailed)	.000	.152	.154	.000	
	N	133	242	241	242	242

Log Transformations Correlations

		MK Exam	Age	LOG age	Mean Exam excl	LOG Mean excl
					MK	Marketing
MK Exam	Pearson Correlation	1				
	N	160				
Age	Pearson Correlation	-.056	1			
	Sig. (1-tailed)	.241				
LOG age	N	160	255			
	Pearson Correlation	-.016	.993	1		
Mean Exam excl MK	Sig. (1-tailed)	.419	.000			
	N	159	254	254		
LOG Mean excl Marketing	Pearson Correlation	.512	-.050	-.062	1	
	Sig. (1-tailed)	.000	.222	.171		
Marketing	N	159	241	240	241	
	Pearson Correlation	.513	-.043	-.053	.980	1
Marketing	Sig. (1-tailed)	.000	.251	.207	.000	
	N	159	241	240	241	241

Log Transformations Correlations

		LOG Marketing	Age	LOG age	Mean Exam excl	LOG Mean excl
		Exam			MK	Marketing
LOG Marketing Exam	Pearson Correlation	1				
	N	160				
Age	Pearson Correlation	-.047	1			
	Sig. (1-tailed)	.276				
	N	160	255			
LOG age	Pearson Correlation	-.013	.993	1		
	Sig. (1-tailed)	.436	.000			
	N	159	254	254		
Mean Exam excl MK	Pearson Correlation	.513	-.050	-.062	1	
	Sig. (1-tailed)	.000	.222	.171		
	N	159	241	240	241	
LOG Mean excl Marketing	Pearson Correlation	.521	-.043	-.053	.980	1
	Sig. (1-tailed)	.000	.251	.207	.000	
	N	159	241	240	241	241

Log Transformations Correlations

		OB Exam	Age	LOG age	Mean Exam excl	LOG Mean excl
					OB	OB
OB Exam	Pearson					
	Correlation	1				
	N	209				
Age	Pearson					
	Correlation	-.041	1			
	Sig. (1-tailed)	.280				
LOG age	Pearson					
	Correlation	-.039	.993	1		
	Sig. (1-tailed)	.286	.000			
Mean Exam excl	Pearson					
	Correlation	.542	-.064	-.071	1	
	Sig. (1-tailed)	.000	.162	.140		
OB	Pearson					
	Correlation	.531	-.066	-.071	.979	1
	Sig. (1-tailed)	.000	.156	.140	.000	
LOG Mean excl OB	Pearson					
	Correlation	.531	-.066	-.071	.979	1
	N	204	237	236	237	237

Log Transformations Correlations

		LOG Organisational Behaviour Exam	Age	LOG age	Mean Exam excl OB	LOG Mean excl OB
LOG Organisational Behaviour Exam	Pearson Correlation	1				
	N	209				
Age	Pearson Correlation	-.044	1			
	Sig. (1-tailed)	.264				
LOG age	N	209	255			
	Pearson Correlation	-.041	.993	1		
Mean Exam excl OB	Sig. (1-tailed)	.277	.000			
	N	208	254	254		
LOG Mean excl OB	Pearson Correlation	.543	-.064	-.071	1	
	Sig. (1-tailed)	.000	.162	.140		
LOG Mean excl OB	N	204	237	236	237	
	Pearson Correlation	.541	-.066	-.071	.979	1
LOG Mean excl OB	Sig. (1-tailed)	.000	.156	.140	.000	
	N	204	237	236	237	237