

BIOS 667
*** Six-city Study - marginal models ***

* xref: Biometrics(1988) page 1049, table 1.
* input: 6city.dat

Mean over time:

	MS=0 (n=350)	MS=1 (n=187)
Variable		
y7	0.16000	0.16578
y8	0.14857	0.20856
y9	0.14286	0.18717
y10	0.10571	0.13904

MS=0

Pearson Correlation Coefficients, N = 350

	y7	y8	y9	y10
y7	1.00000	0.34359	0.28953	0.30619
y8	0.34359	1.00000	0.42634	0.32666
y9	0.28953	0.42634	1.00000	0.39074
y10	0.30619	0.32666	0.39074	1.00000

MS=1

Pearson Correlation Coefficients, N = 187

	y7	y8	y9	y10
y7	1.00000	0.37287	0.33910	0.36117
y8	0.37287	1.00000	0.46234	0.32632
y9	0.33910	0.46234	1.00000	0.36194
y10	0.36117	0.32632	0.36194	1.00000

GEE Parameter Estimates:

	Working Correlation Matrix				
	IND	EXCH	AR1	UN	UN OR*
Intercept	-1.9008	-1.9005	-1.9195	-1.9084	-1.9052
ms	0.3140	0.3138	0.2953	0.3015	0.3061
age	-0.1413	-0.1412	-0.1468	-0.1418	-0.1434
msxage	0.0708	0.0708	0.0815	0.0684	0.0685

Empirical Standard Error Estimates:

	Working Correlation Matrix				
	IND	EXCH	AR1	UN	UN OR*
Intercept	0.1191	0.1191	0.1200	0.1191	0.1191
ms	0.1878	0.1878	0.1900	0.1878	0.1882
age	0.0582	0.0582	0.0593	0.0582	0.0583
msxage	0.0883	0.0883	0.0907	0.0883	0.0887

* UN OR: Unstructured odds ratios