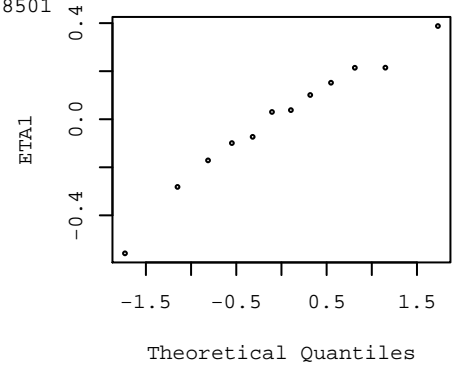
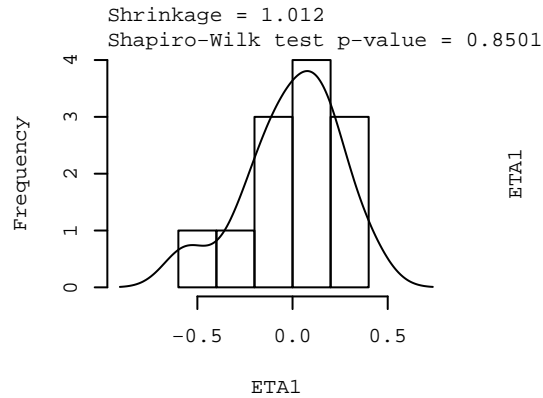


Normality and Population Shrinkage of Etas

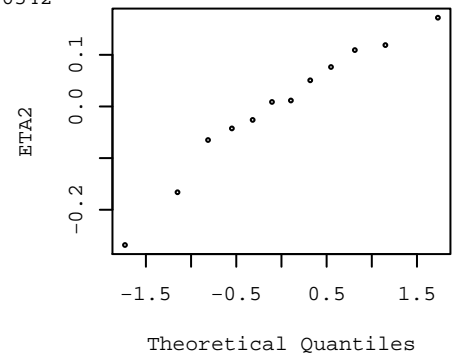
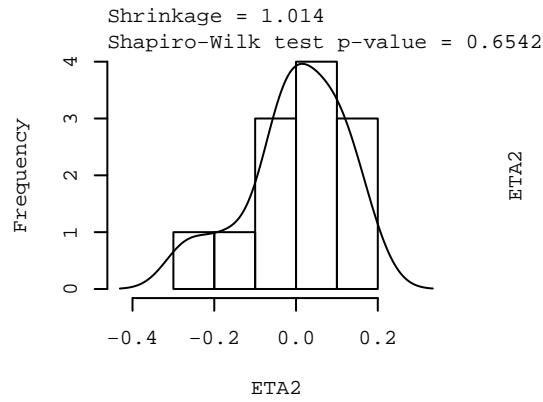
Eta 1

Minimum : -0.558186
1st Qu. : -0.1171955
Median : 0.03414765
Mean : -0.0037928416666
3rd Qu. : 0.16755775
Maximum : 0.387879
Std Dev : 0.2547
t-test p= 0.9598



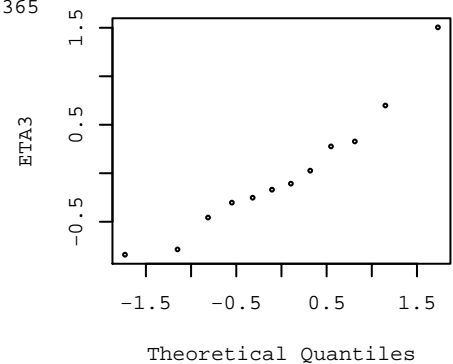
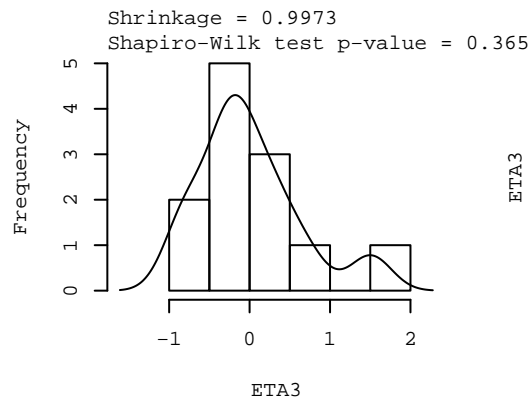
Eta 2

Minimum : -0.268251
1st Qu. : -0.0480951
Median : 0.01016628
Mean : -0.0016995616666
3rd Qu. : 0.084616025
Maximum : 0.171907
Std Dev : 0.1245
t-test p= 0.9631

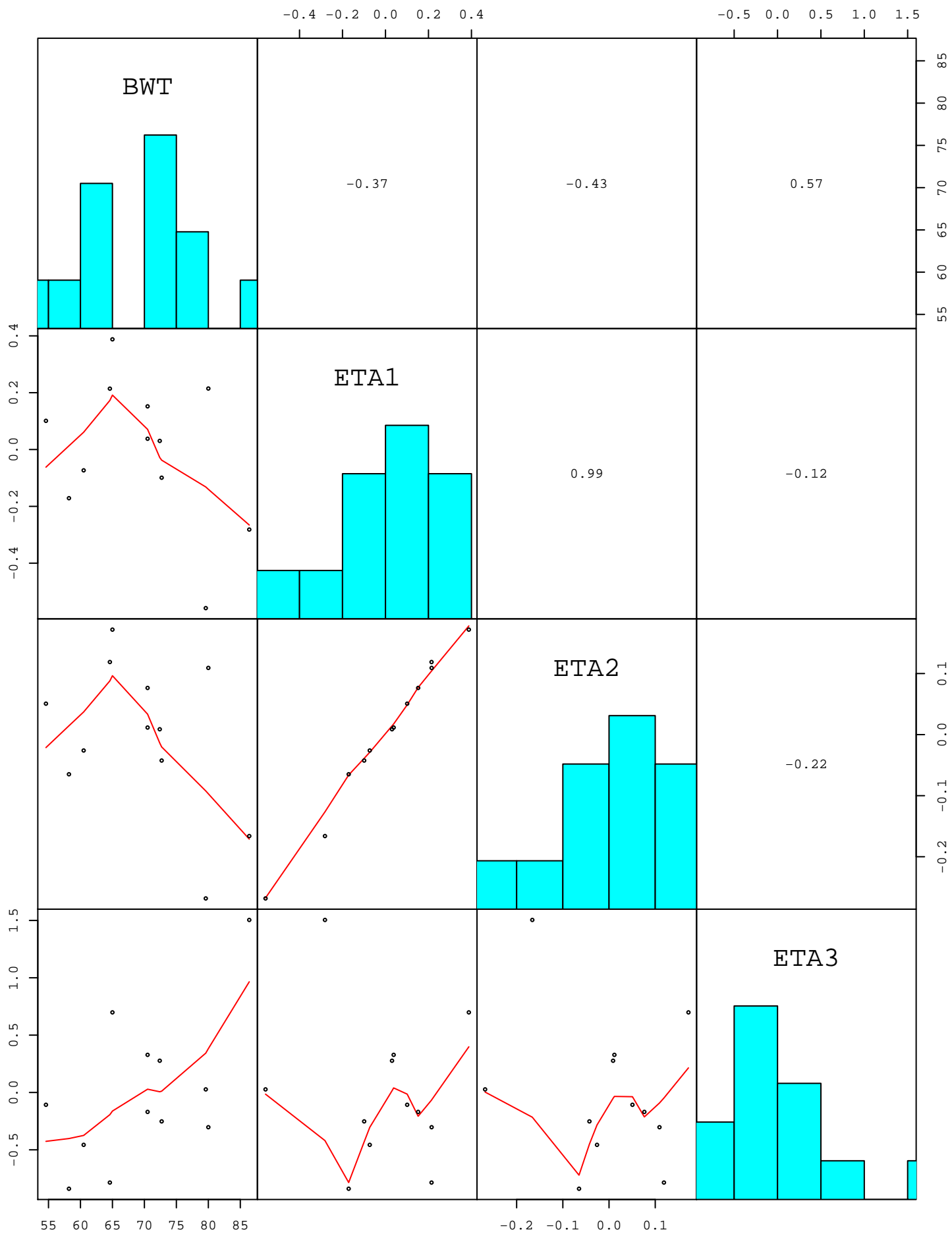


Eta 3

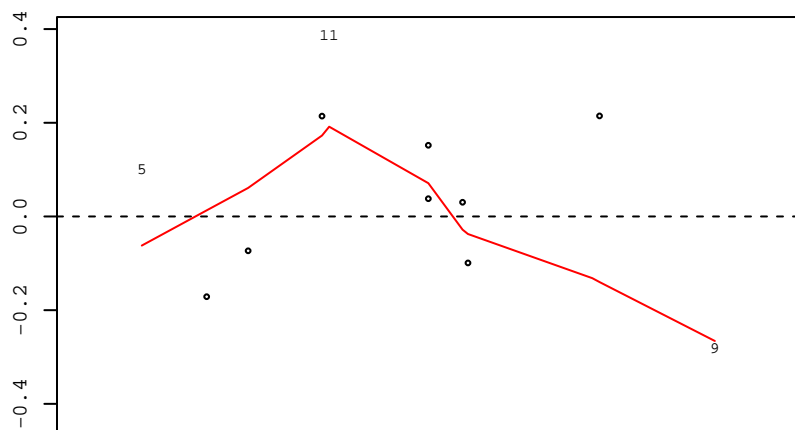
Minimum : -0.839439
1st Qu. : -0.34139025
Median : -0.138398
Mean : -0.0065477083333
3rd Qu. : 0.28958925
Maximum : 1.50449
Std Dev : 0.651
t-test p= 0.9728



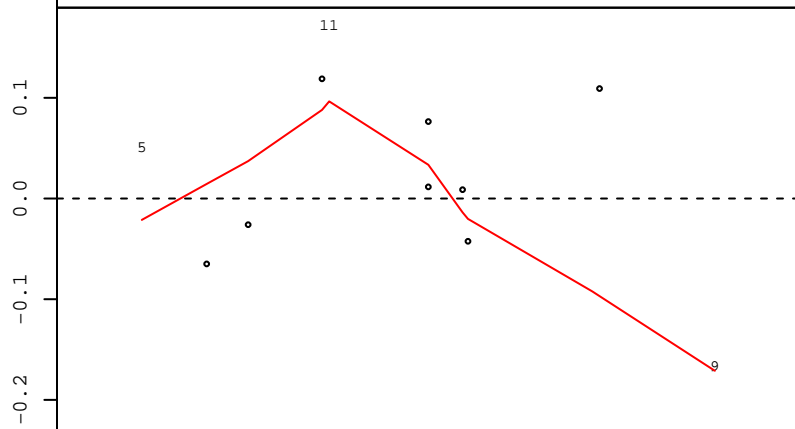
Covariate vs ETA of C07-2



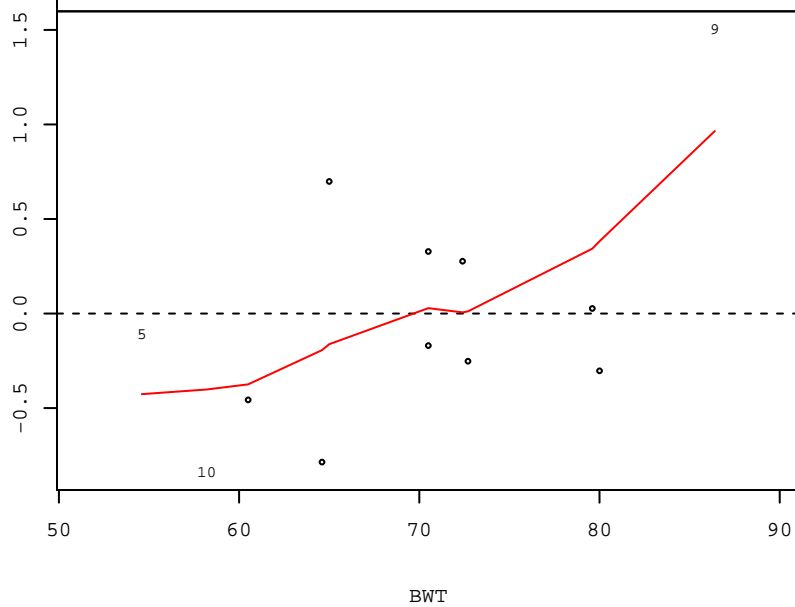
ETA1



ETA2



ETA3



Estimation vs EBE

\$`Correlation of Covariates and EBE`

	BWT	ETA1	ETA2	ETA3
BWT	1.0000000	-0.3712797	-0.4252858	0.5668871
ETA1	-0.3712797	1.0000000	0.9943150	-0.1178323
ETA2	-0.4252858	0.9943150	1.0000000	-0.2228963
ETA3	0.5668871	-0.1178323	-0.2228963	1.0000000

\$`Covariance of EBE`

	ETA1	ETA2	ETA3
ETA1	0.06484935	0.03151902	-0.01953413
ETA2	0.03151902	0.01549501	-0.01806241
ETA3	-0.01953413	-0.01806241	0.42379293

\$`Omega Matrix`

	Eta 1	Eta 2	Eta 3
Eta 1	0.06336694	0.03070671	-0.01520335
Eta 2	0.03070671	0.01507201	-0.01601154
Eta 3	-0.01520335	-0.01601154	0.42608716

\$`Ratios of Cov(EBE)/OM`

	ETA1	ETA2	ETA3
ETA1	1.023394	1.026454	1.2848566
ETA2	1.026454	1.028065	1.1280866
ETA3	1.284857	1.128087	0.9946156

\$`Correlation of EBE`

	ETA1	ETA2	ETA3
ETA1	1.0000000	0.9943150	-0.1178323
ETA2	0.9943150	1.0000000	-0.2228963
ETA3	-0.1178323	-0.2228963	1.0000000

\$`Correlation from Omega Matrix`

	Eta 1	Eta 2	Eta 3
Eta 1	1.00000000	0.9936106	-0.09252492
Eta 2	0.99361063	1.0000000	-0.19980128
Eta 3	-0.09252492	-0.1998013	1.00000000

\$`Ratios of Cor(EBE)/(Cor from OM)`

	ETA1	ETA2	ETA3
ETA1	1.000000	1.000709	1.273519
ETA2	1.000709	1.000000	1.115590
ETA3	1.273519	1.115590	1.000000