

WinBUGS 1.4 Results

Open wbm (model file)

Check model "model is syntactically correct"

Open wbd (data file) "data loaded"

Compile "model compiled"

Open wbi (initial values file) "model is initialized"

Set node beta sigma2 sigma2.u2 sigma2.u3 tau tau.u2 tau.u3

Updates 10000 refresh 100 thin 1

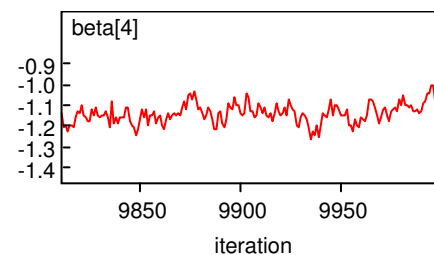
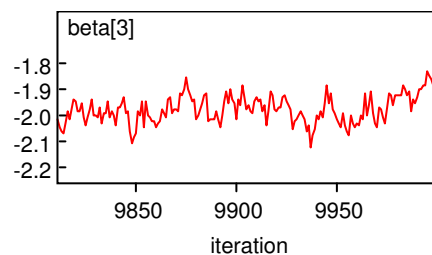
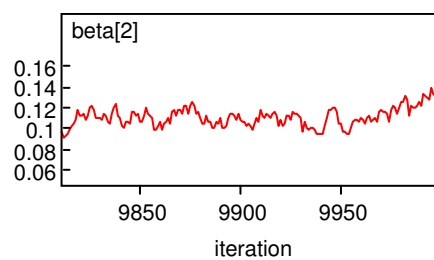
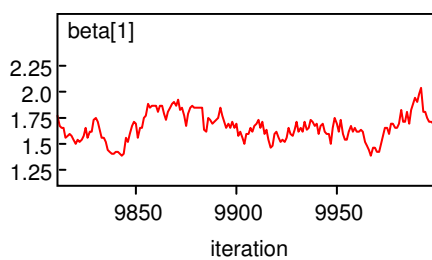
node	mean	sd	MC error	2.5%	median	97.5%	start	sample
beta[1]	1.727	0.1651	0.008296	1.413	1.721	2.07	1	10000
beta[2]	0.1091	0.01062	4.698E-4	0.08801	0.1091	0.1296	1	10000
beta[3]	-1.981	0.05398	0.00183	-2.089	-1.981	-1.874	1	10000
beta[4]	-1.146	0.0463	0.001389	-1.237	-1.146	-1.056	1	10000
beta[5]	-0.6125	0.04276	0.001077	-0.6973	-0.6125	-0.5287	1	10000
beta[6]	-0.2866	0.04065	7.522E-4	-0.3654	-0.2867	-0.2085	1	10000
beta[7]	0.01182	0.0112	2.722E-4	-0.01018	0.01192	0.03339	1	10000
beta[8]	-4.293E-5	4.321E-4	9.596E-6	-8.751E-4	-4.415E-5	8.073E-4	1	10000
beta[9]	7.138E-4	2.987E-4	7.346E-6	1.311E-4	7.132E-4	0.001307	1	10000
beta[10]	1.079E-4	1.32E-4	3.033E-6	-1.535E-4	1.09E-4	3.631E-4	1	10000
beta[11]	-0.01704	0.01805	4.574E-4	-0.05143	-0.01705	0.01817	1	10000
beta[12]	-0.01354	0.02097	5.226E-4	-0.05444	-0.01351	0.02744	1	10000
beta[13]	0.1895	0.1311	0.006493	-0.06385	0.1889	0.4493	1	10000
beta[14]	0.1801	0.1307	0.006009	-0.08639	0.1821	0.4379	1	10000
beta[15]	0.159	0.144	0.006984	-0.1271	0.1609	0.4349	1	10000
beta[16]	0.05008	0.1236	0.005905	-0.1898	0.04953	0.2961	1	10000
beta[17]	0.08125	0.1459	0.006624	-0.2038	0.08115	0.3611	1	10000
beta[18]	-0.0222	0.1195	0.005526	-0.2516	-0.02494	0.2183	1	10000
beta[19]	-0.02809	0.07555	0.003513	-0.1714	-0.02811	0.1183	1	10000
beta[20]	0.007653	0.00579	2.454E-4	-0.003717	0.007523	0.01916	1	10000
beta[21]	-0.02865	0.01306	6.649E-4	-0.05326	-0.02894	-0.002992	1	10000

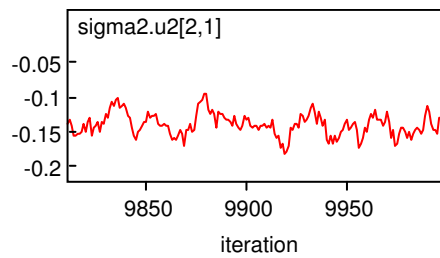
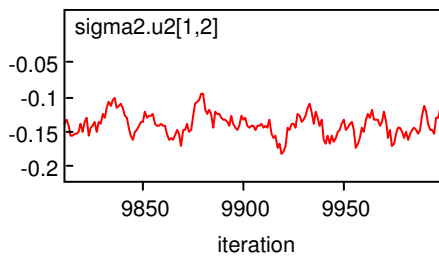
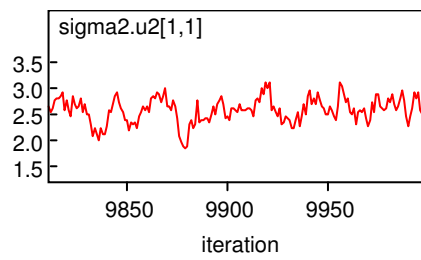
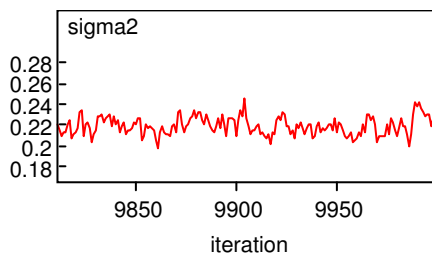
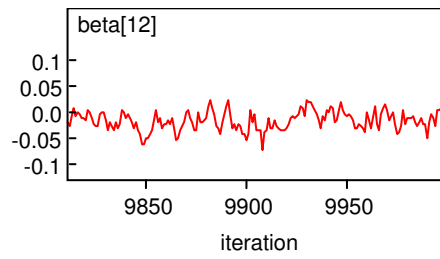
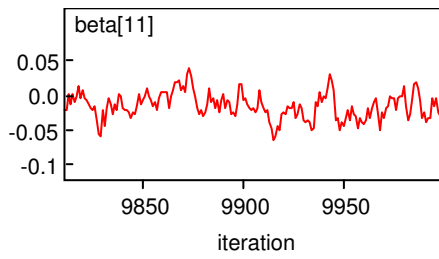
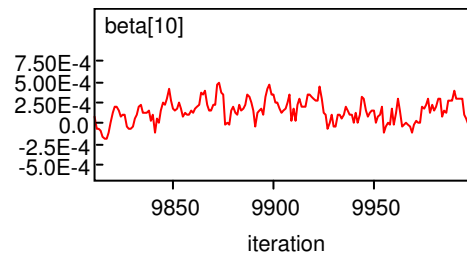
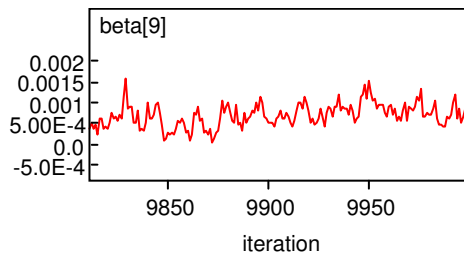
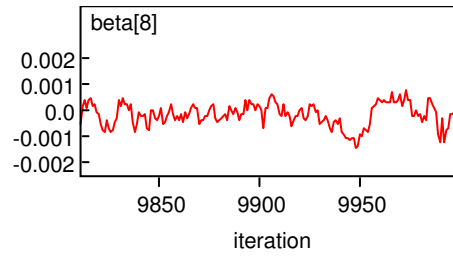
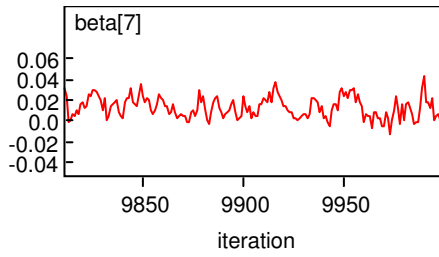
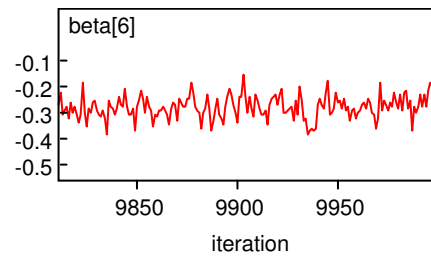
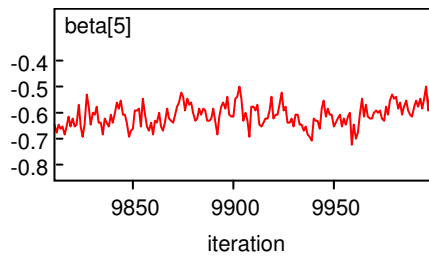
node	mean	sd	MC error	2.5%	median	97.5%	start	sample
sigma2	0.2223	0.009583	2.854E-4	0.2041	0.2221	0.2416	1	10000

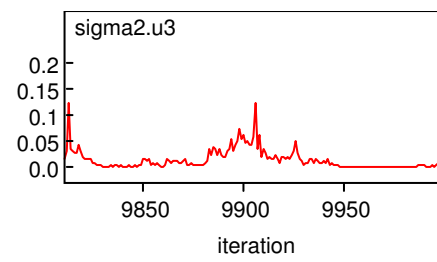
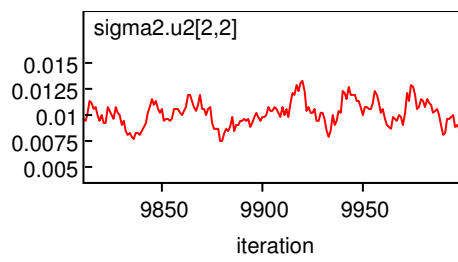
node	mean	sd	MC error	2.5%	median	97.5%	start	sample
sigma2.u2[1,1]	2.455	0.2748	0.01127	1.946	2.444	3.023	1	10000
sigma2.u2[1,2]	-0.1296	0.01867	8.345E-4	-0.1685	-0.1287	-0.0949	1	10000
sigma2.u2[2,1]	-0.1296	0.01867	8.345E-4	-0.1685	-0.1287	-0.0949	1	10000
sigma2.u2[2,2]	0.009447	0.001396	6.436E-5	0.006855	0.009399	0.01233	1	10000

node	mean	sd	MC error	2.5%	median	97.5%	start	sample
sigma2.u3	0.01865	0.02147	0.001241	7.111E-4	0.01133	0.07735	1	10000

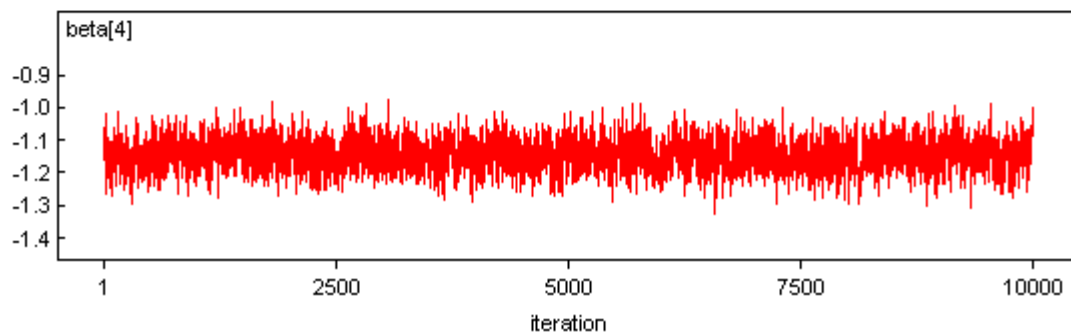
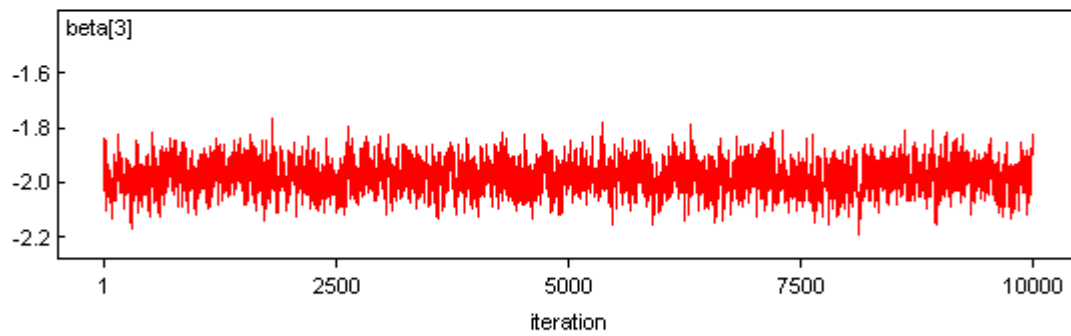
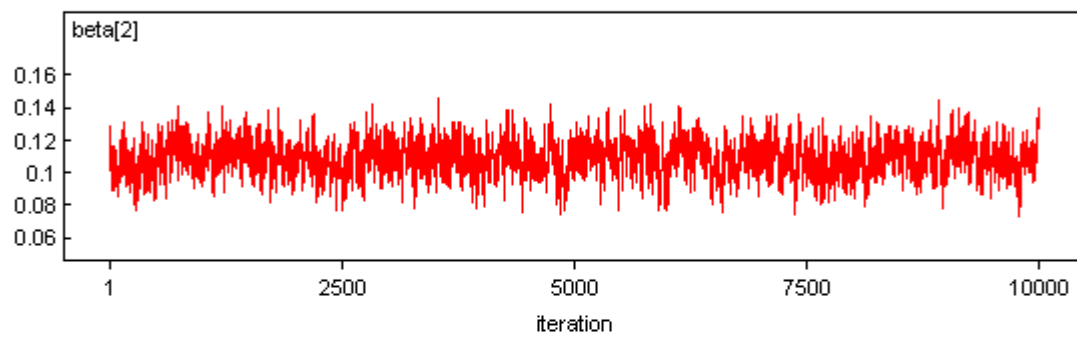
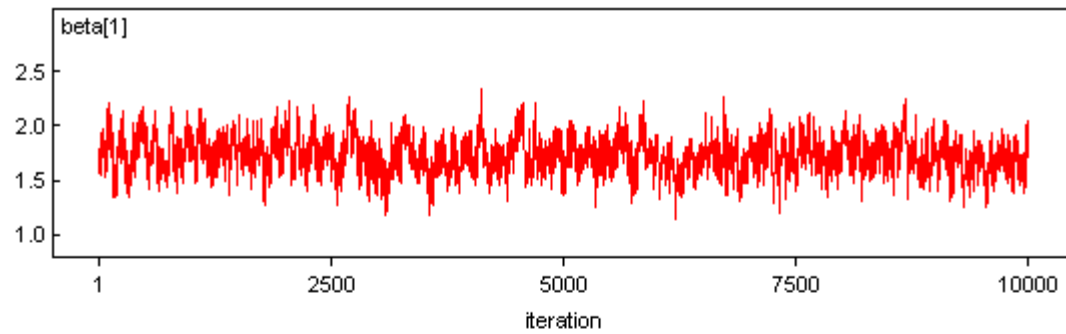
Traces

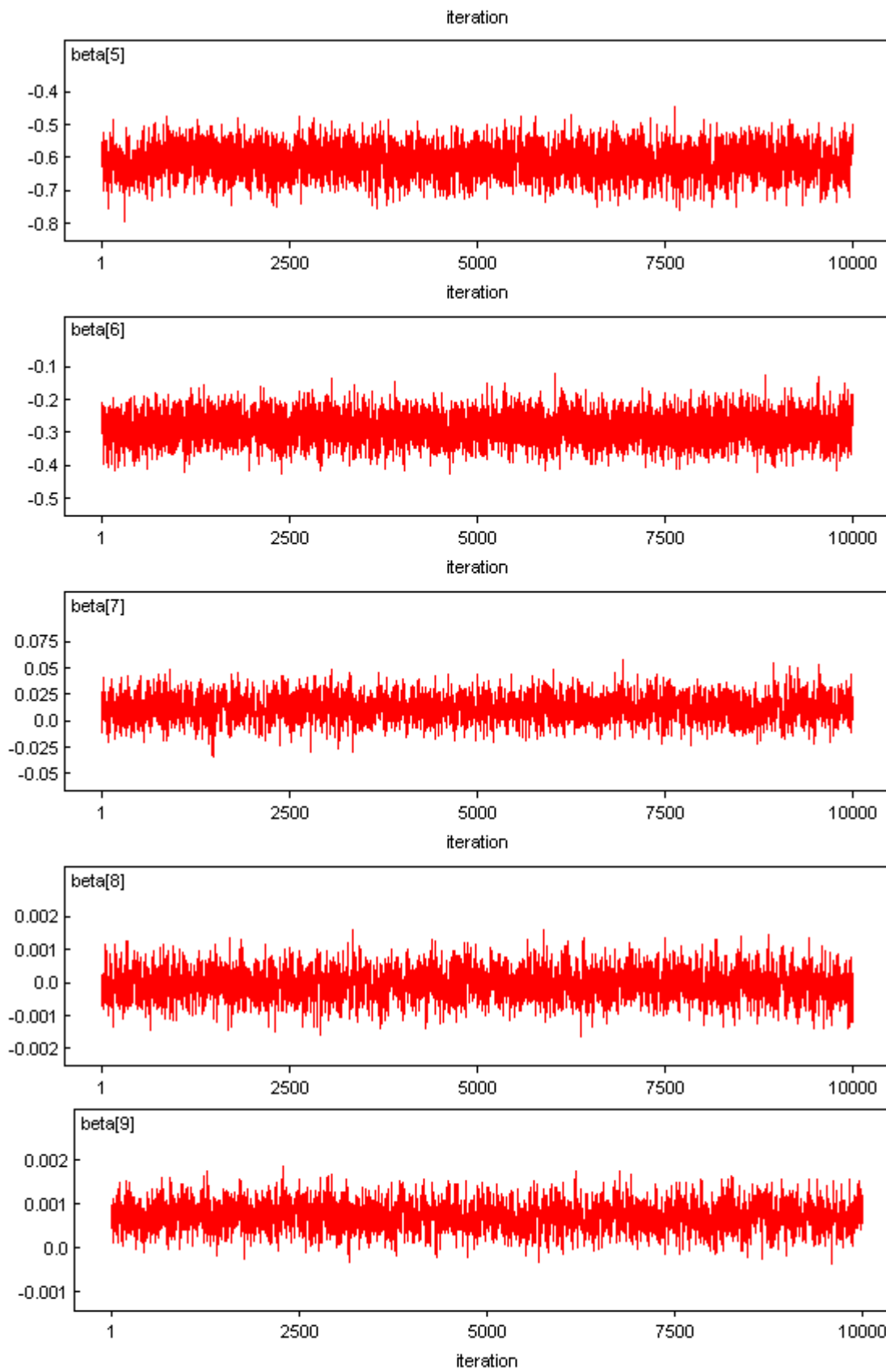


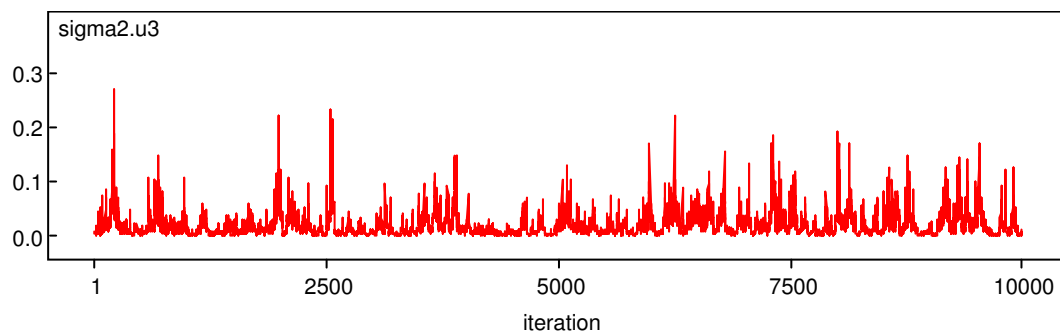
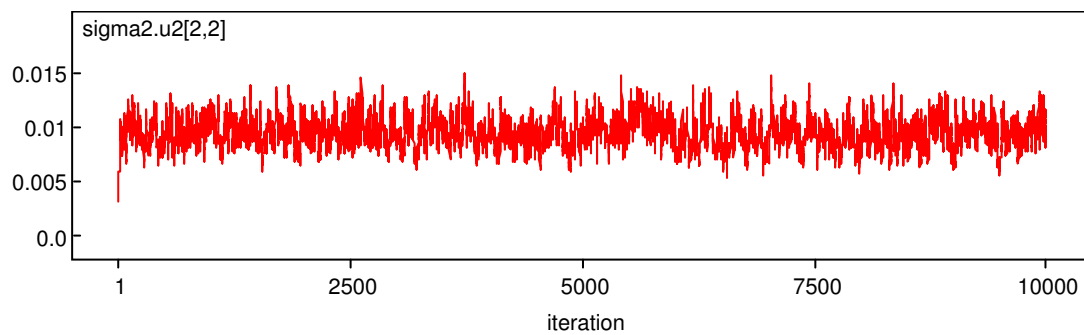
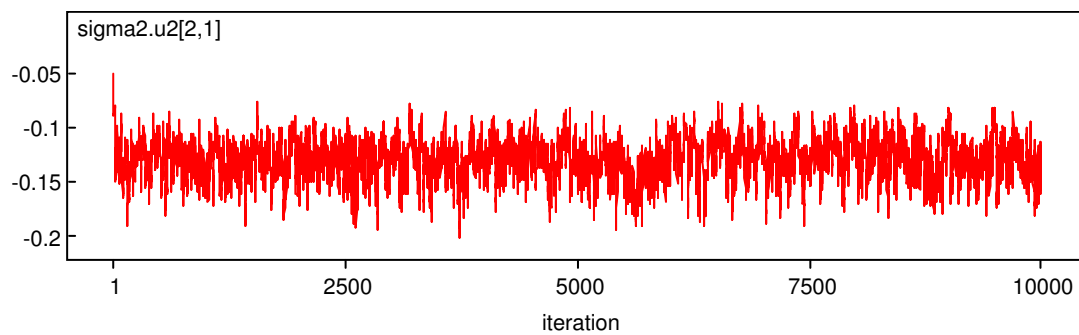
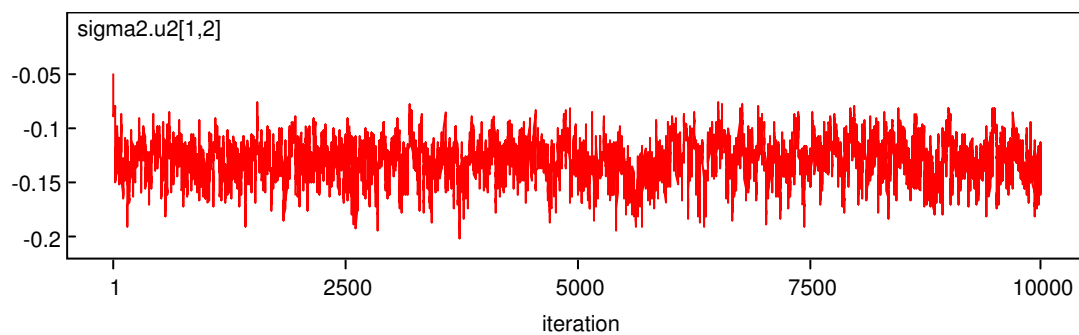
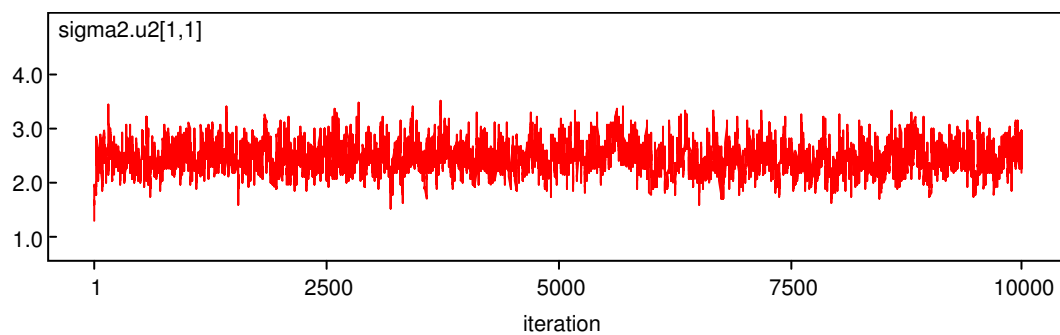




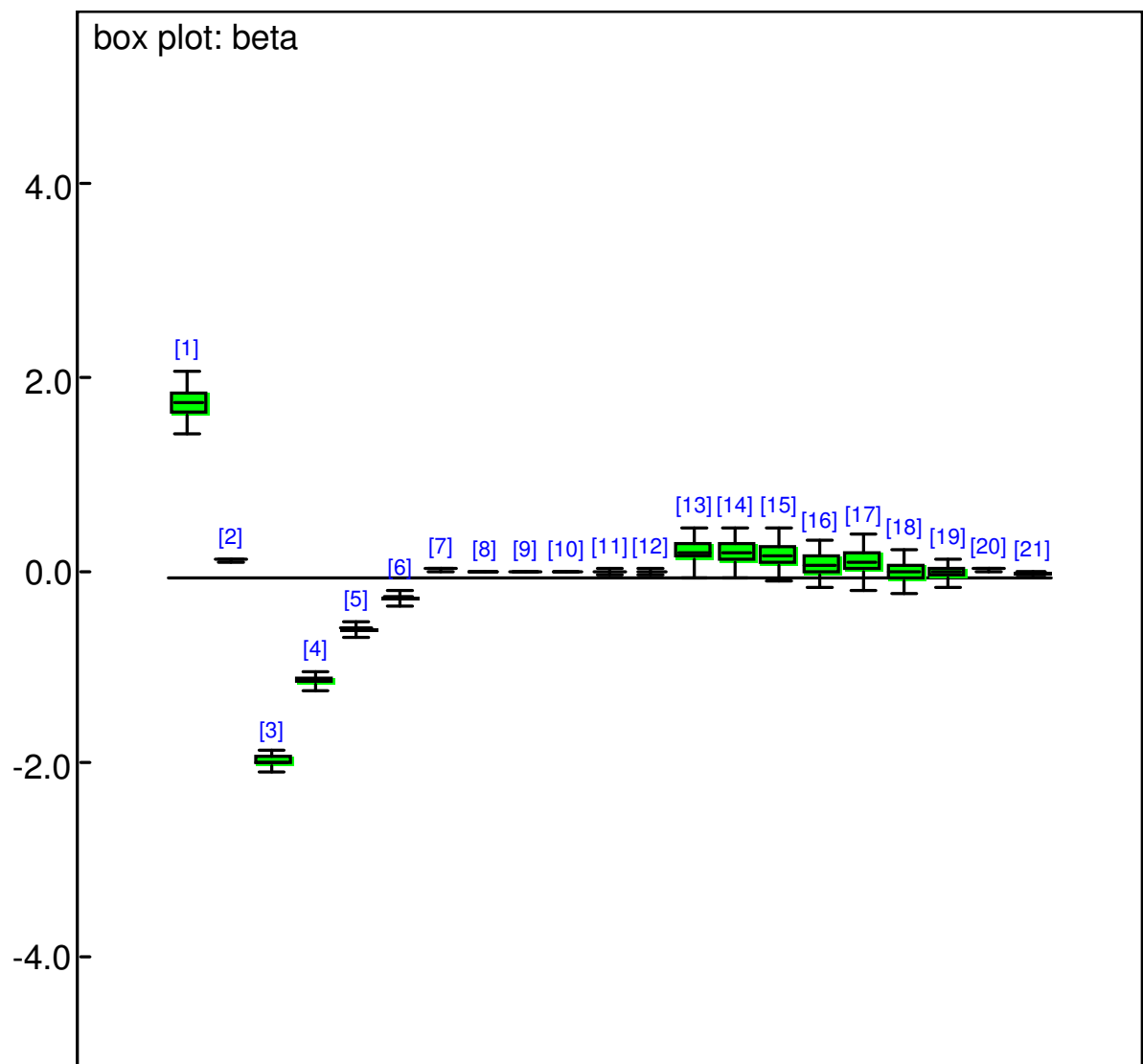
History



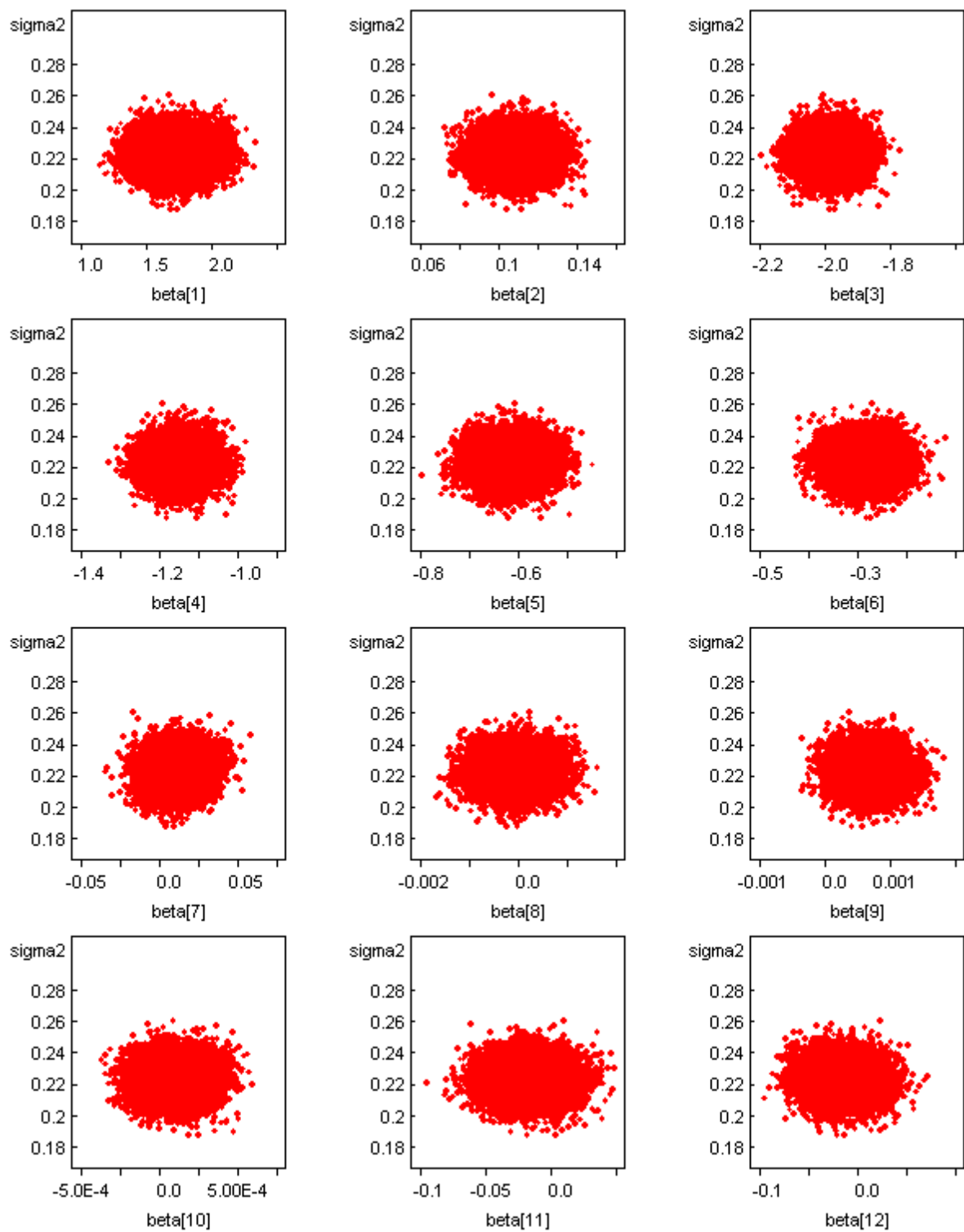




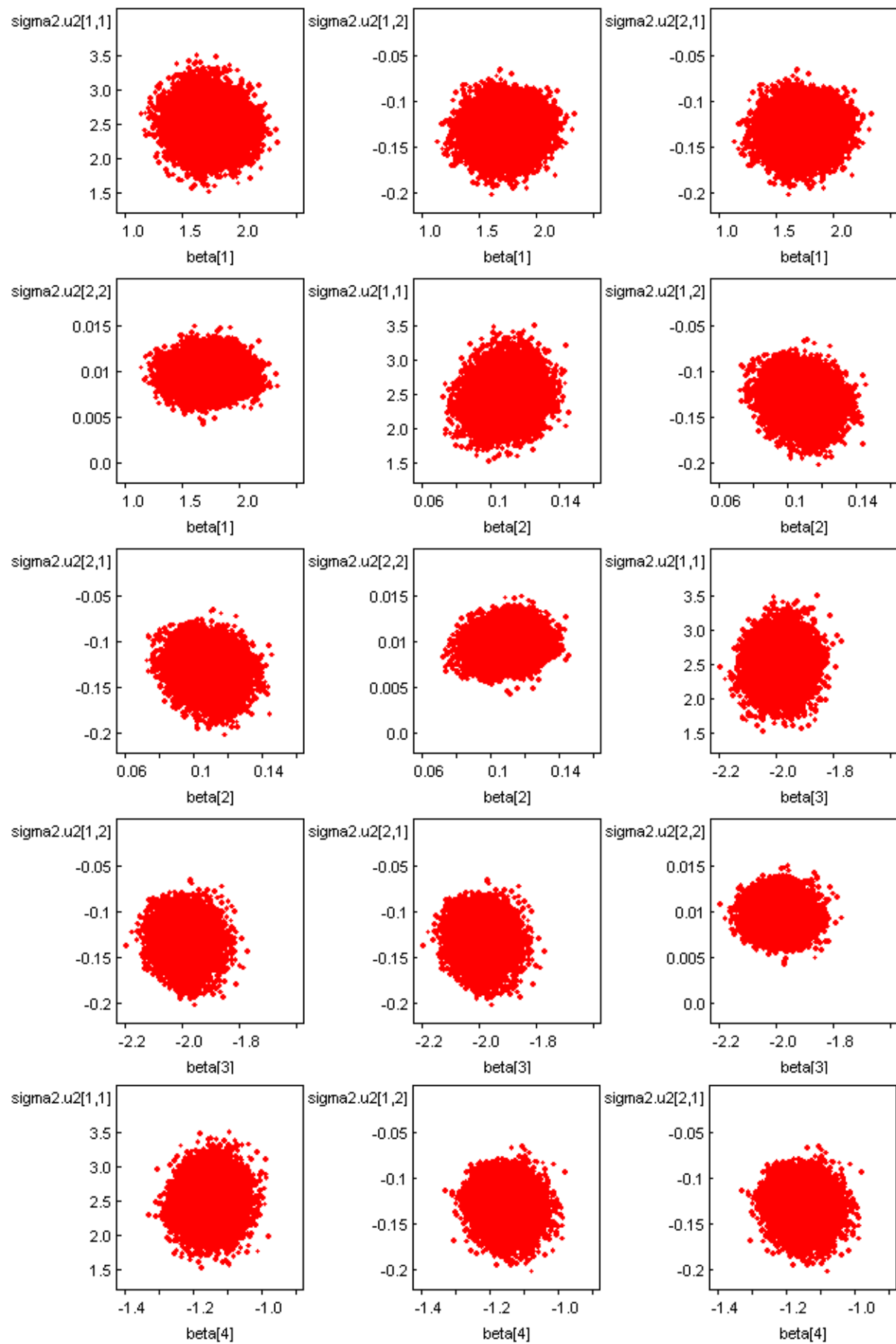
Box Plot Beta

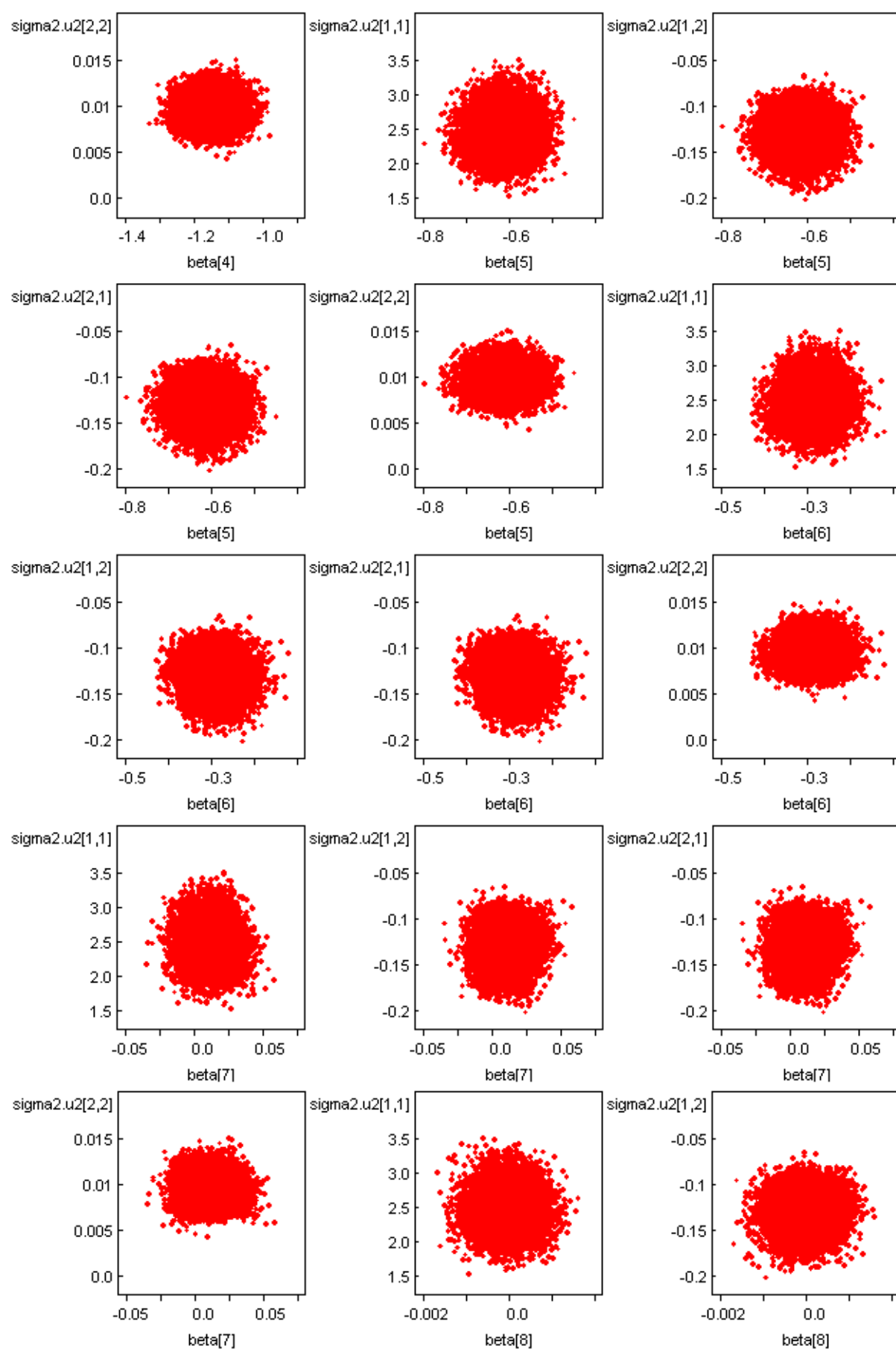


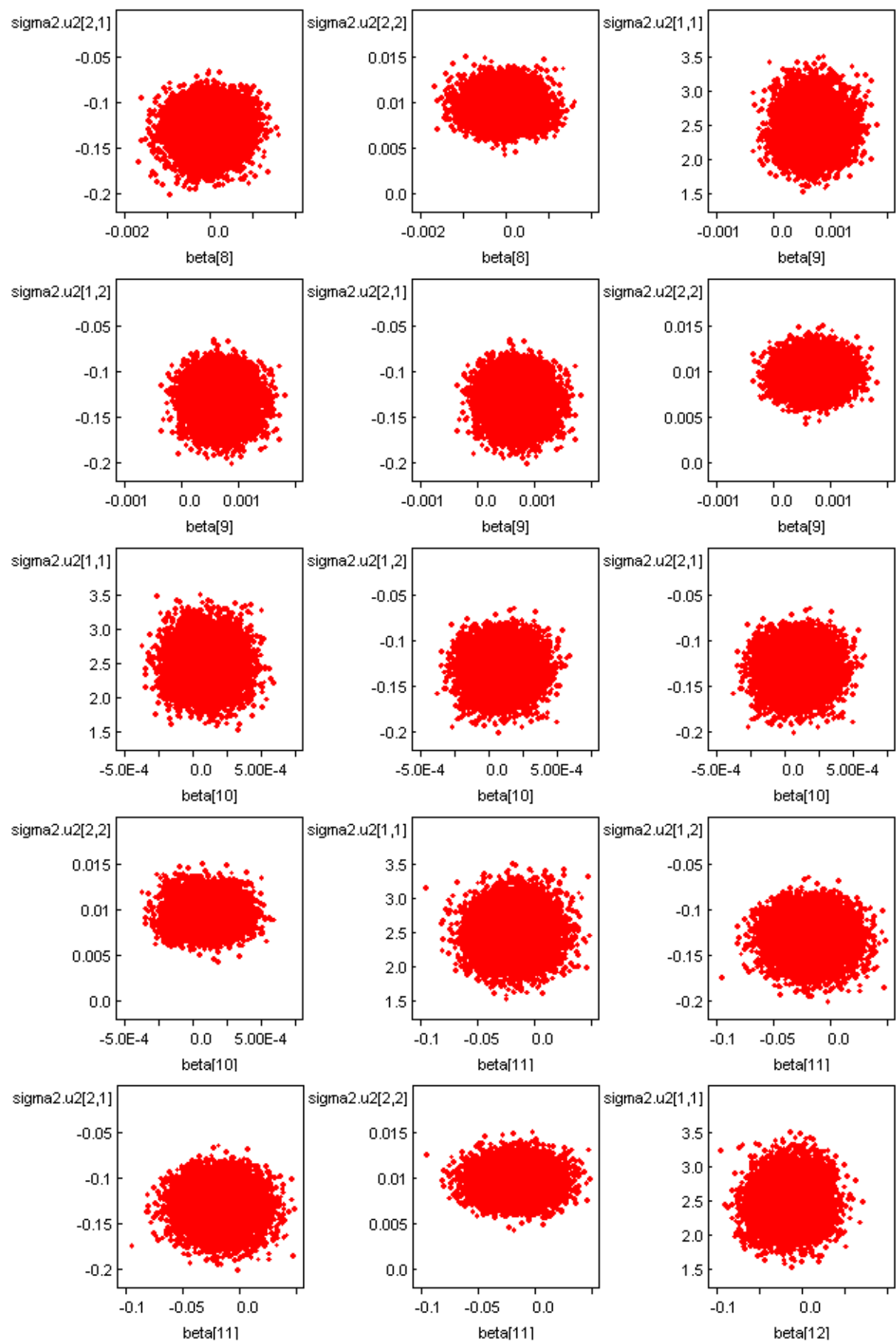
Bivariate Posterior Scatter Plots (level-1 residuals)



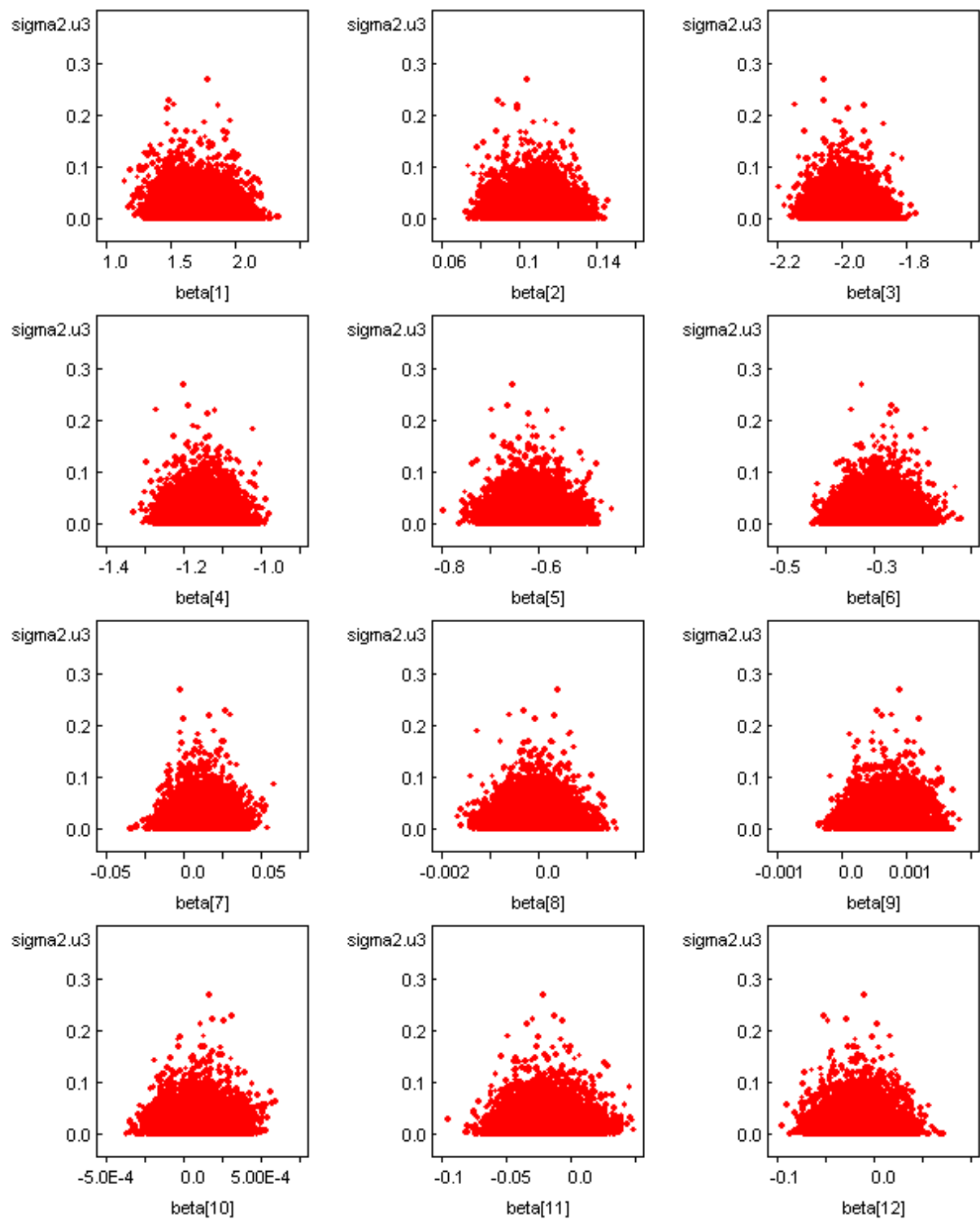
Bivariate Posterior Scatter Plots (level-2 residuals)



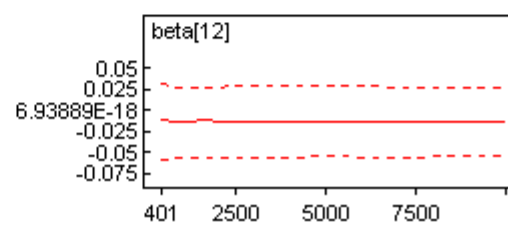
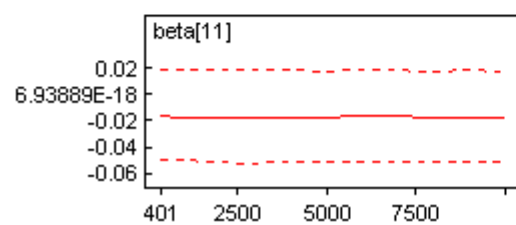
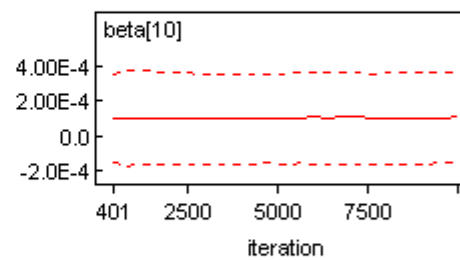
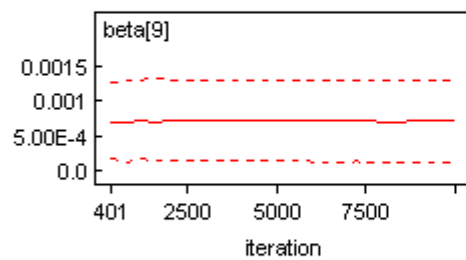
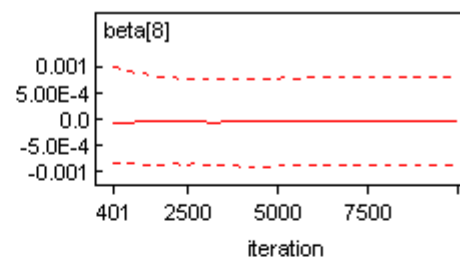
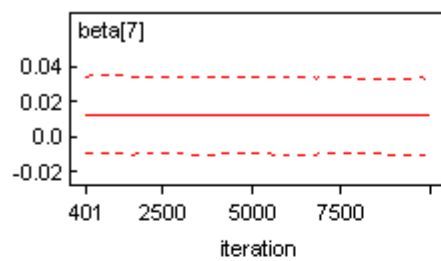
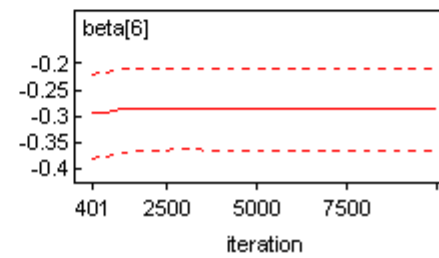
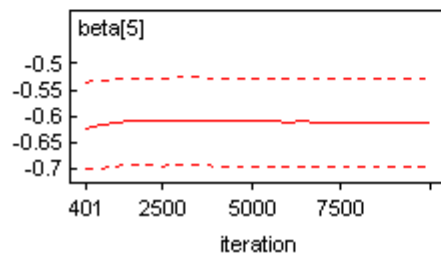
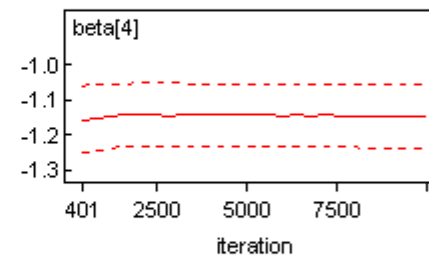
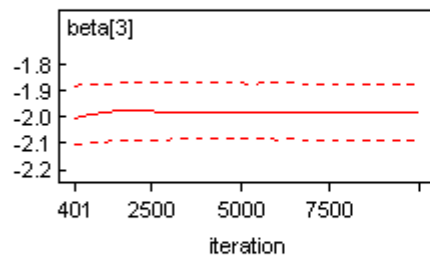
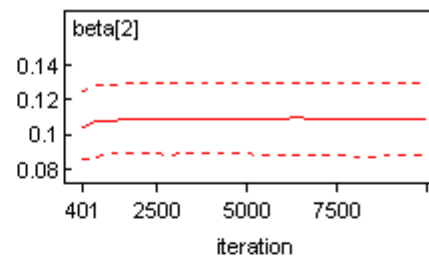
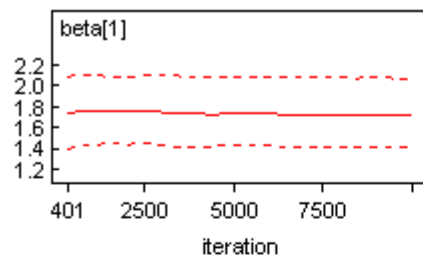


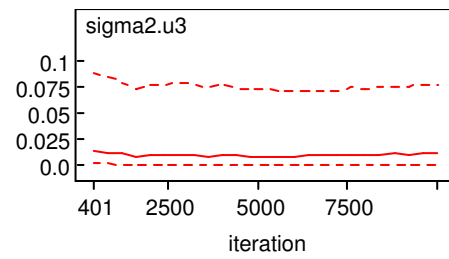
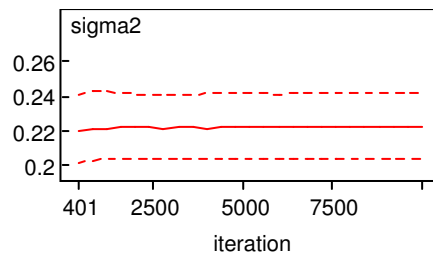
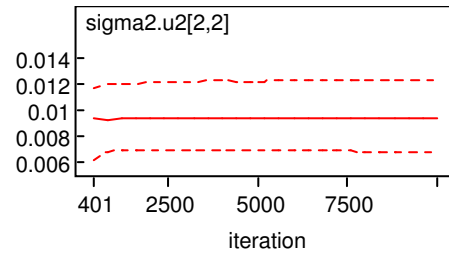
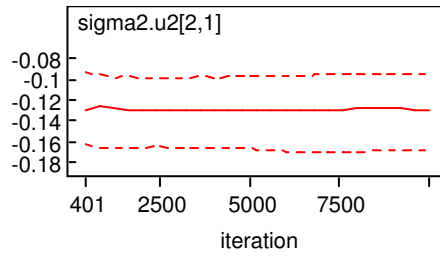
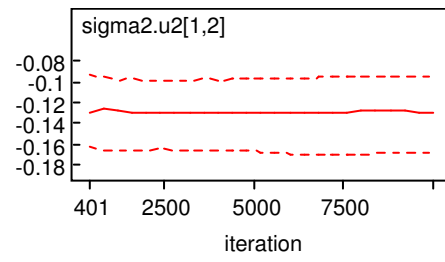
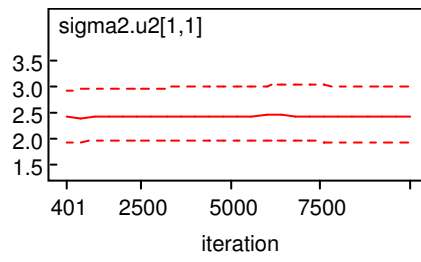


Bivariate Posterior Scatter Plots (level-3 residuals)

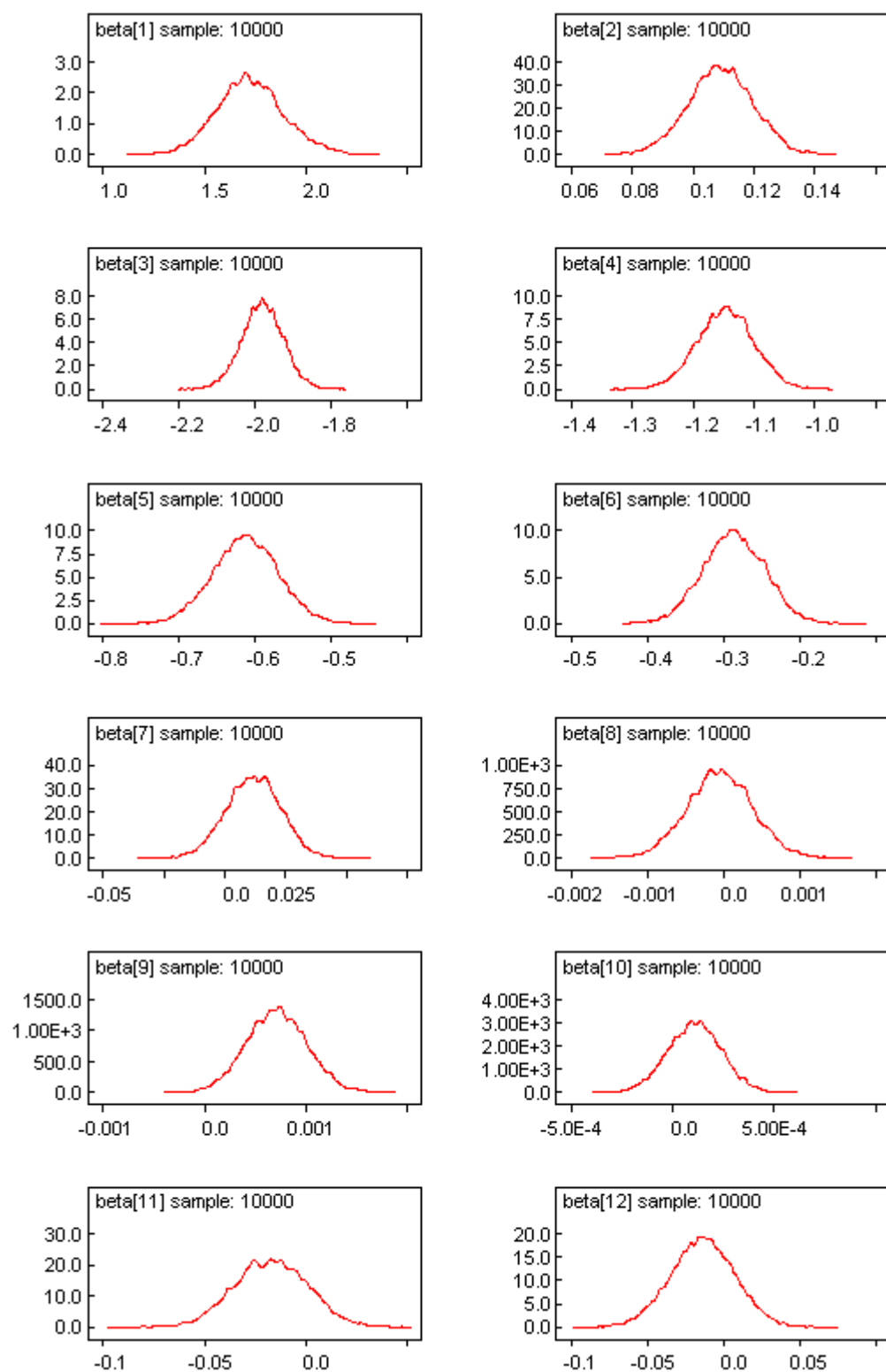


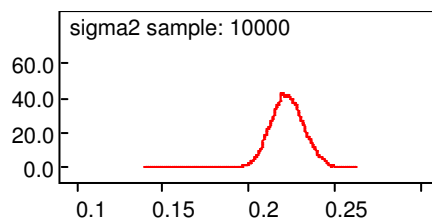
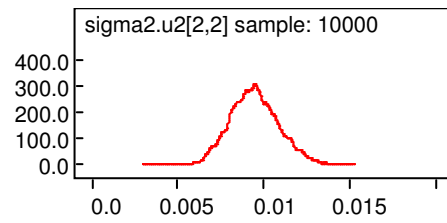
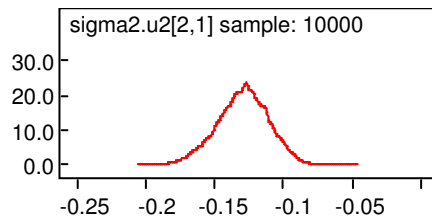
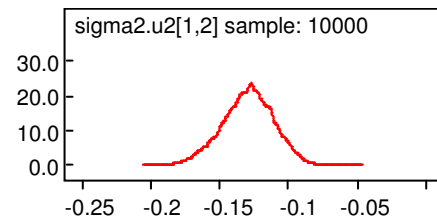
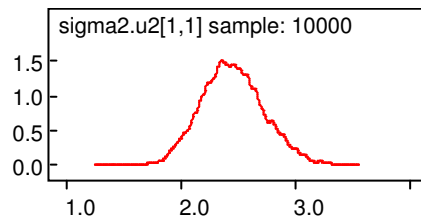
Quantiles





Density





Autocorrelations

