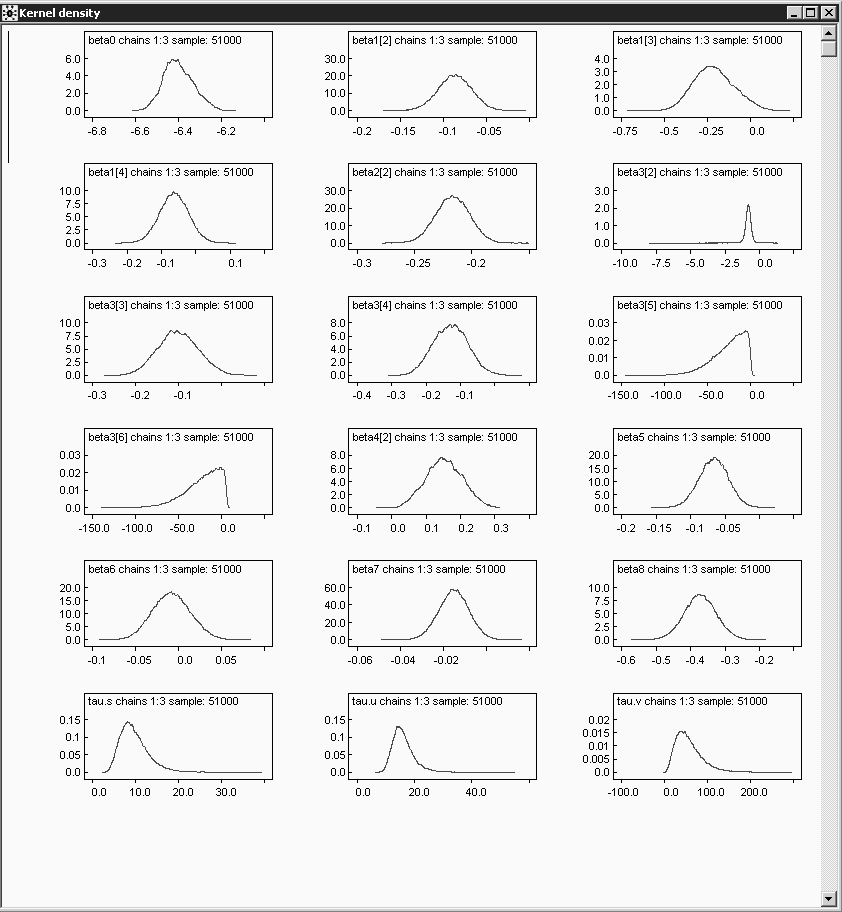
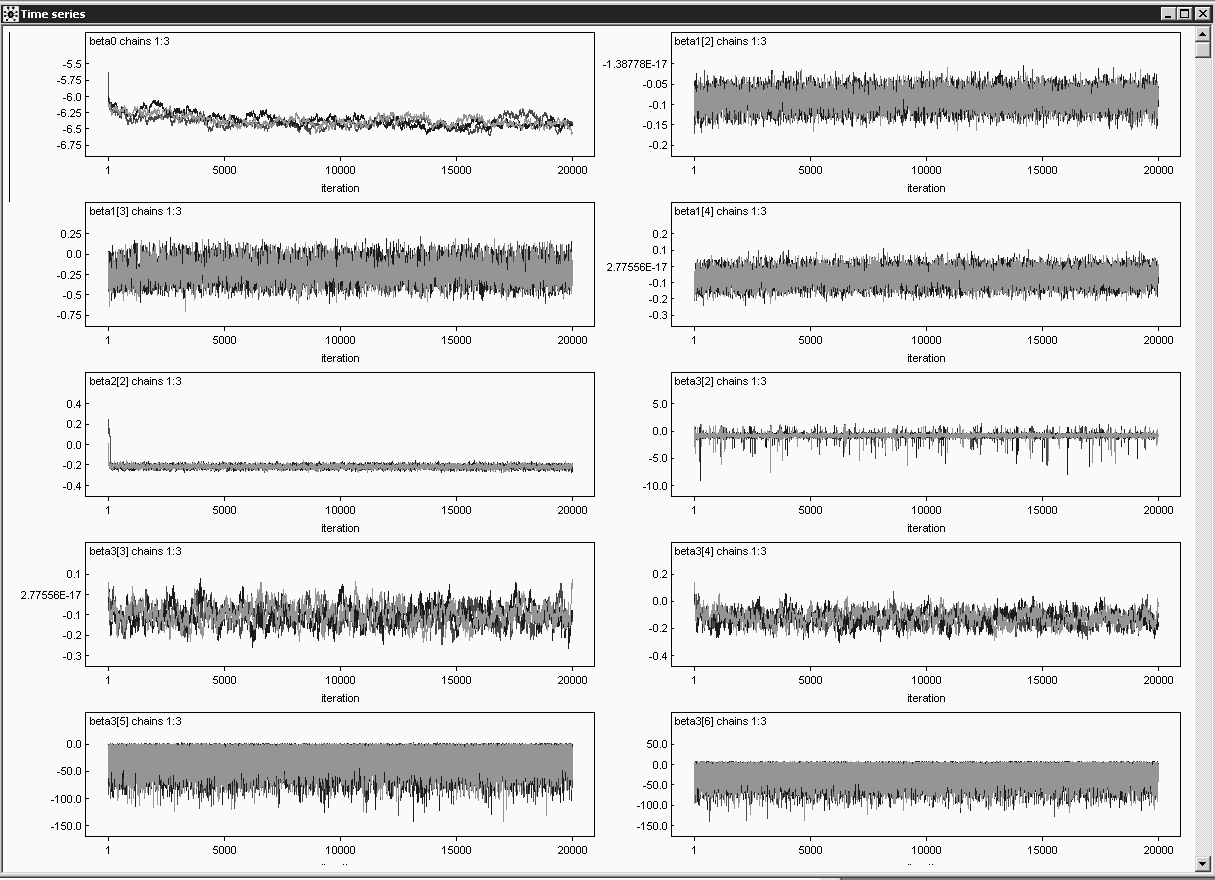
**SUPPLEMENTARY MATERIAL**

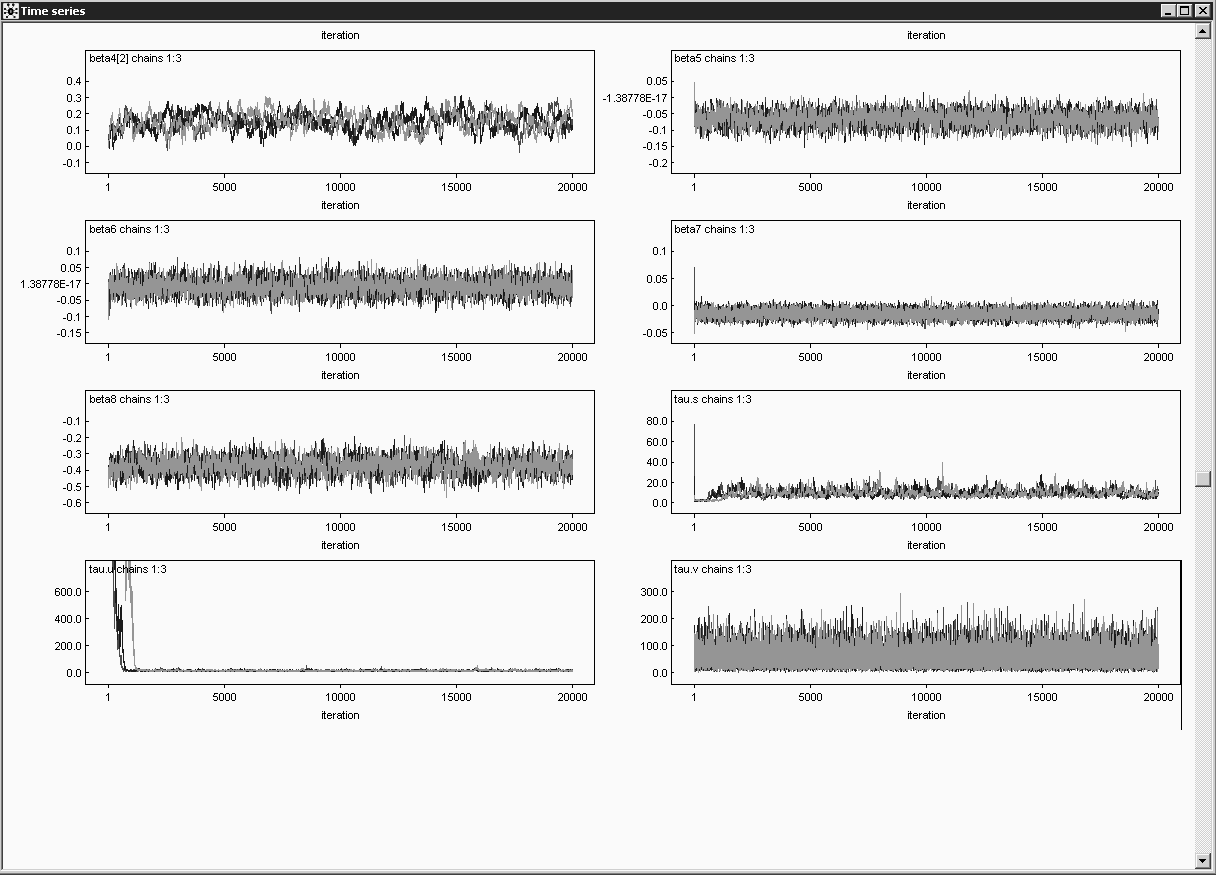


Supplementary Figure 1: Gelman Rubin diagnostic plots for monitored nodes.



Supplementary Figure 2: Posterior distributions for monitored nodes.





Supplementary Figure 3: Trace plots for monitored nodes.