

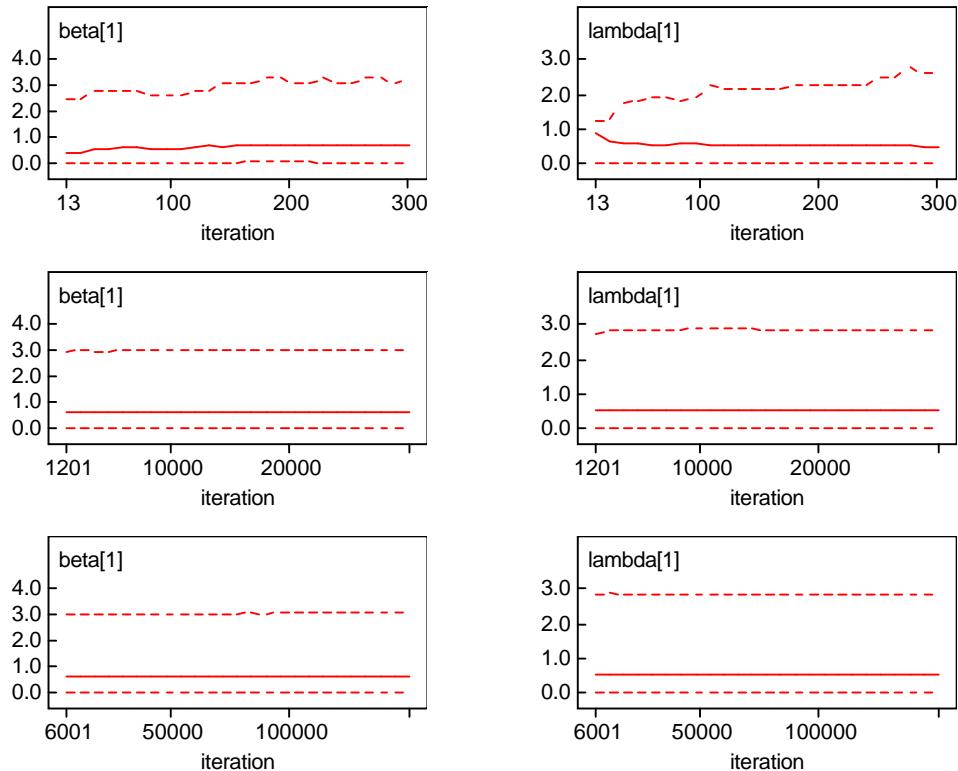
Problem 7.13

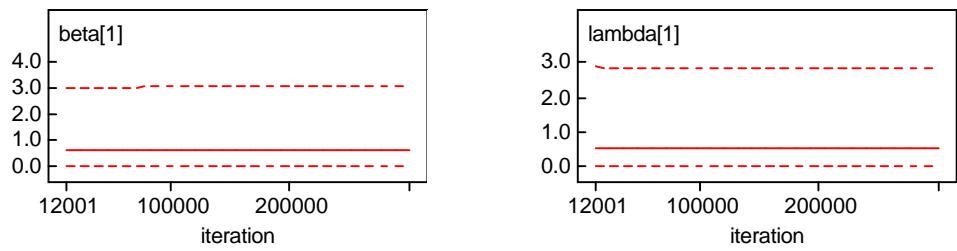
Marinela Capanu

The following code in WinBugs was used:

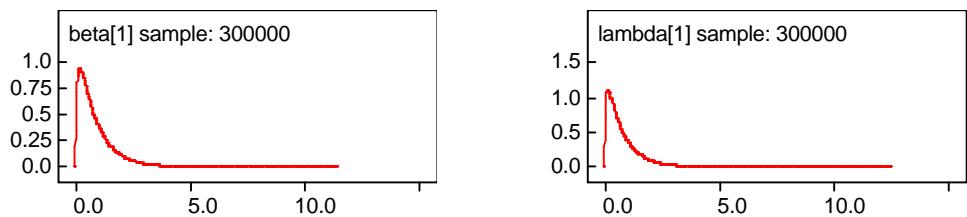
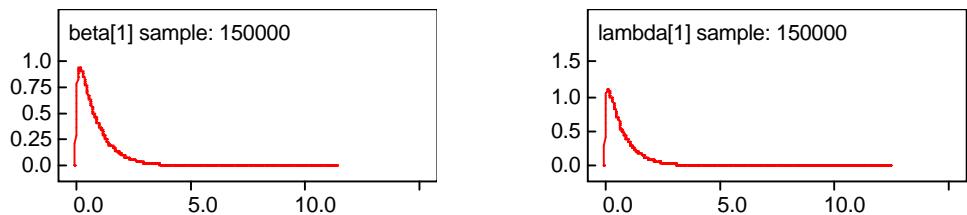
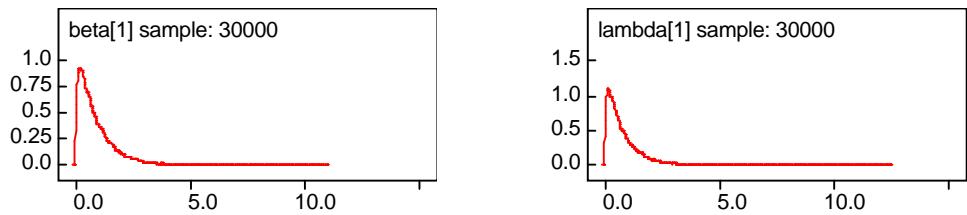
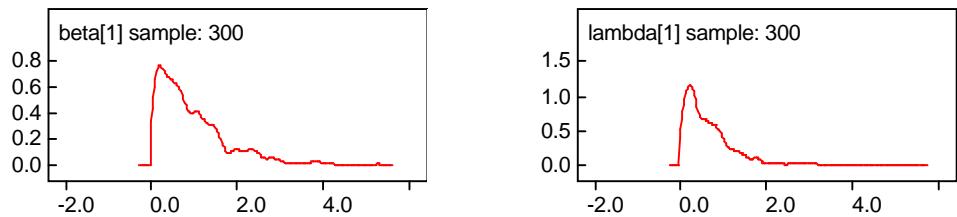
The results, at different number of iterations until convergence, are presented below:

RUNNING QUANTILES





DENSITY



STATISTICS

node	mean	sd	MC error 2.5%	median	97.5%	start	sample	
beta[1]	0.9789	0.8743	0.05538	0.04996	0.7311	3.383	1	300
lambda[1]	0.6921	0.7178	0.03324	0.03893	0.5018	2.745	1	300
beta[1]	0.8669	0.8101	0.005243	0.04128	0.6282	3.015	1	30000
lambda[1]	0.7747	0.7758	0.005151	0.03196	0.5375	2.854	1	30000
beta[1]	0.8689	0.8257	0.002538	0.04243	0.6249	3.075	1	150000
lambda[1]	0.7695	0.7672	0.002304	0.03135	0.5341	2.844	1	150000
beta[1]	0.8664	0.8271	0.001702	0.0423	0.6206	3.079	1	300000
lambda[1]	0.7697	0.7655	0.001511	0.03127	0.5352	2.844	1	300000
beta[1]	0.8675	0.8277	0.001544	0.04242	0.6217	3.081	1	350000
lambda[1]	0.7691	0.7649	0.001457	0.03137	0.5346	2.845	1	350000

HISTORY

