

# *MCMC-Autocorrelation and Effective MCMC Sample Size*

Parameter	Autocorrelation	Effective Sample Size
$\Theta_1$	0.83552	7363.91
$\Theta_2$	0.64642	16977.83
$\Theta_3$	0.69794	16352.23
$\Theta_4$	0.77881	9782.51
$M_{2 \rightarrow 1}$	0.55920	22155.79
$M_{3 \rightarrow 1}$	0.54380	23753.72
$M_{4 \rightarrow 1}$	0.51296	25259.04
$M_{1 \rightarrow 2}$	0.59036	20557.64
$M_{3 \rightarrow 2}$	0.74482	11304.69
$M_{4 \rightarrow 2}$	0.78400	9397.12
$M_{1 \rightarrow 3}$	0.59037	21311.95
$M_{2 \rightarrow 3}$	0.77080	10412.24
$M_{4 \rightarrow 3}$	0.80695	8258.03
$M_{1 \rightarrow 4}$	0.58323	21089.26
$M_{2 \rightarrow 4}$	0.72590	12413.13
$M_{3 \rightarrow 4}$	0.73938	11572.88
$R_1$	0.95444	1941.47
$\text{Ln}[\text{Prob}(\text{DIG})]$	0.99134	335.39