

**S1 Table. Convergence statistics of MCMC chains during the parameter estimation of the early cancer growth model.**

	90 IDs (NLME)	90 IDs	270 IDs	810 IDs	2430 IDs
$\hat{R}$ of $\mu_{y_0}$	1.00	1.00	1.00	1.00	1.00
$\hat{R}$ of $\sigma_{y_0}$	1.00	1.00	1.00	1.00	1.00
$\hat{R}$ of $\mu_\lambda$	1.00	1.00	1.00	1.00	1.00
$\hat{R}$ of $\sigma_\lambda$	1.00	1.00	1.00	1.00	1.00
$\hat{R}$ of $\mu_\sigma$	1.00	1.00	1.00	1.00	1.00
# divergences	0	0	0	0	0