

Parameter	True Value	Prior	Median (95% HPD)	Bulk ESS	Tail ESS	$\hat{R}$
$\alpha_0$	2	Normal(0,2 <sup>2</sup> )	1.99 (1.93, 2.05)	4202.98	6050.69	1
$\alpha_1$	2	Normal(0,2 <sup>2</sup> )	2.03 (1.96, 2.1)	4512.33	5180.9	1
$\sigma_{ind}$	1	Half-Cauchy(0,1)	1 (0.95, 1.05)	3415.45	5123.79	1
$\delta_0$	-2.94	Normal(0,3.16 <sup>2</sup> )	-2.91 (-3.12, -2.7)	13924.79	4653.77	1
logit( $\lambda$ )	-0.85	Normal(0,1)	-0.76 (-0.88, -0.63)	12502.11	6193.21	1
logit( $\epsilon$ )	-4.6	Normal(0,1)	-4.51 (-4.6, -4.41)	17064.32	5663.25	1