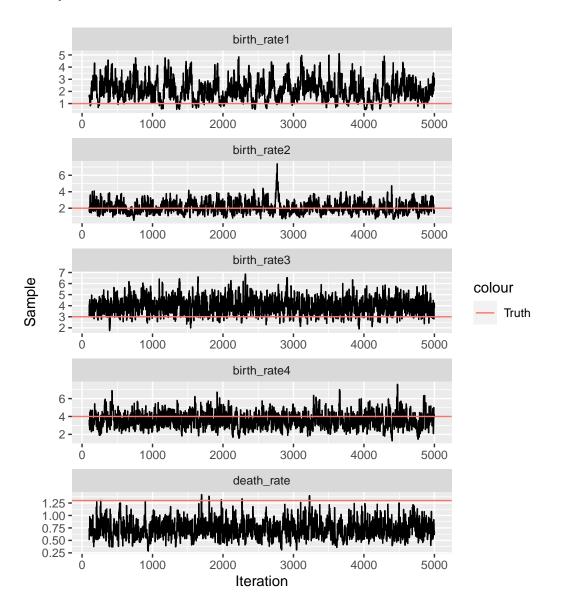
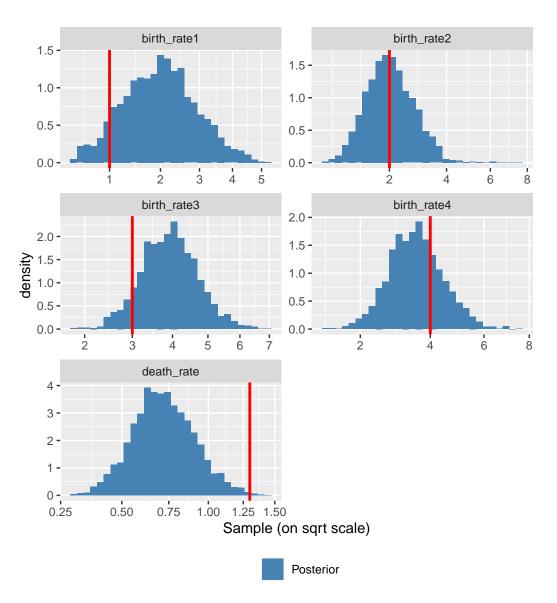
## **Traceplots**



## **Densities**



## **Summaries**

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate1	5001	232	0.85	0.69	2.00	4.04	1.0	1.00
$birth\_rate2$	5001	274	0.82	0.95	1.99	3.62	2.0	0.01
$birth\_rate3$	5001	633	0.69	2.58	3.93	5.59	3.0	0.31
$birth\_rate4$	5001	463	0.74	2.11	3.51	5.46	4.0	0.12
$death\_rate$	5001	486	0.75	0.42	0.71	1.13	1.3	0.45