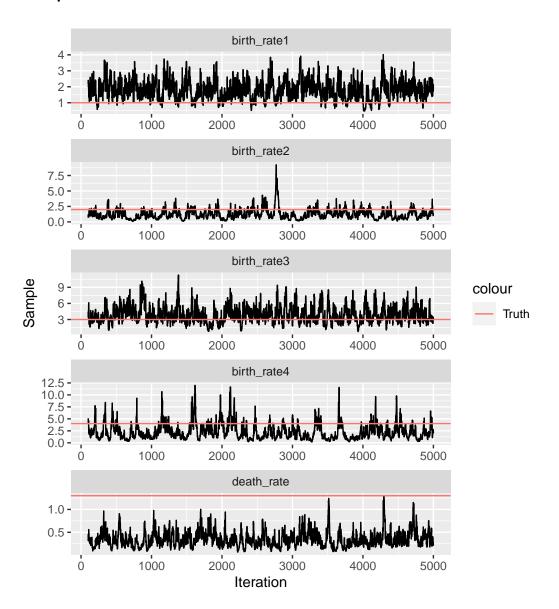
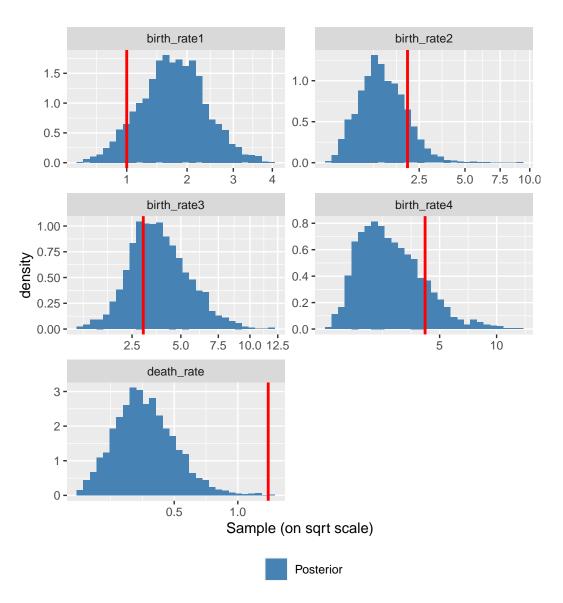
## **Traceplots**



## **Densities**



## **Summaries**

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate1	5001	225	0.81	0.78	1.74	3.12	1.0	0.74
$birth\_rate2$	5001	93	0.90	0.23	1.07	3.20	2.0	0.46
$birth\_rate3$	5001	225	0.82	1.51	3.66	7.80	3.0	0.22
$birth\_rate4$	5001	107	0.92	0.44	1.88	7.23	4.0	0.53
$death\_rate$	5001	169	0.86	0.11	0.32	0.76	1.3	0.75