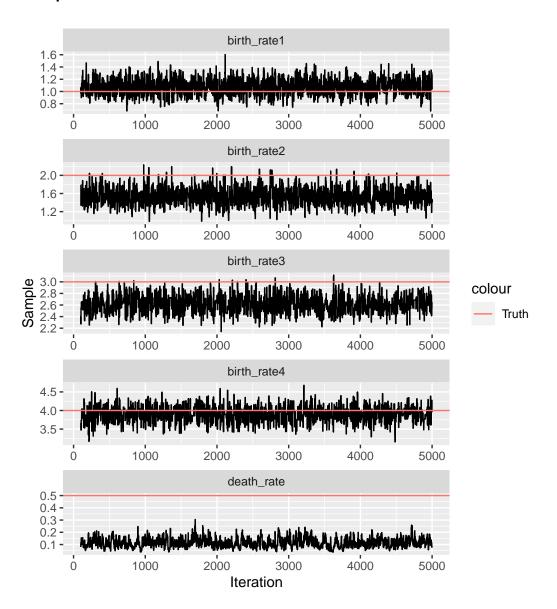
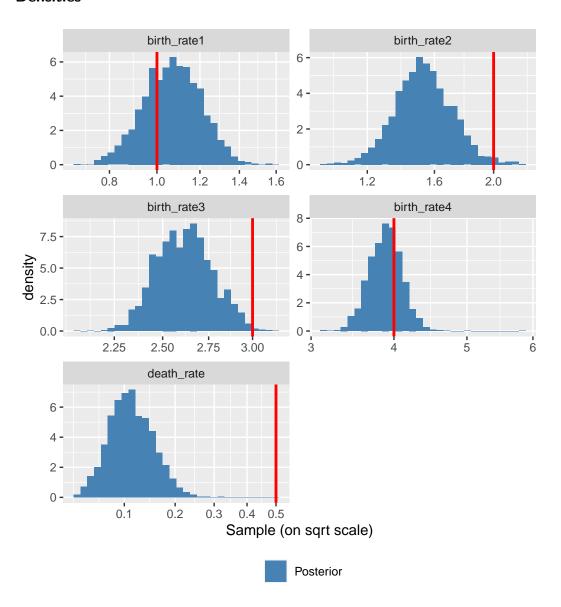
## **Traceplots**



## Densities



## **Summaries**

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate1	5001	805	0.57	0.82	1.07	1.33	1.0	0.07
$birth\_rate2$	5001	996	0.54	1.20	1.53	1.93	2.0	0.23
$birth\_rate3$	5001	908	0.31	2.34	2.62	2.92	3.0	0.13
$birth\_rate4$	5001	1018	0.32	3.48	3.89	4.31	4.0	0.03
$death\_rate$	5001	314	0.81	0.05	0.11	0.20	0.5	0.78