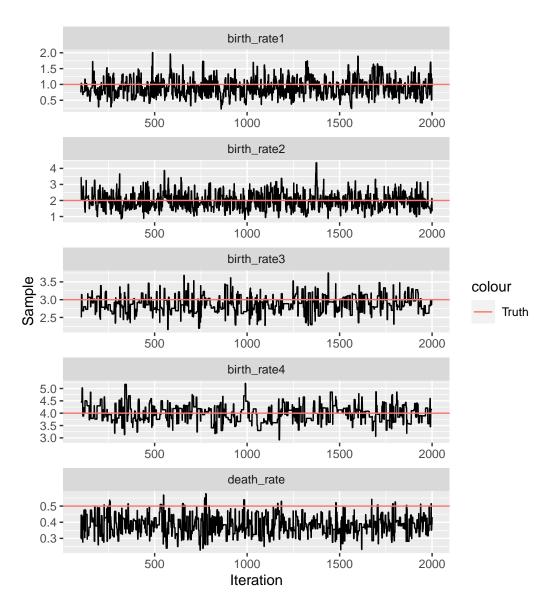
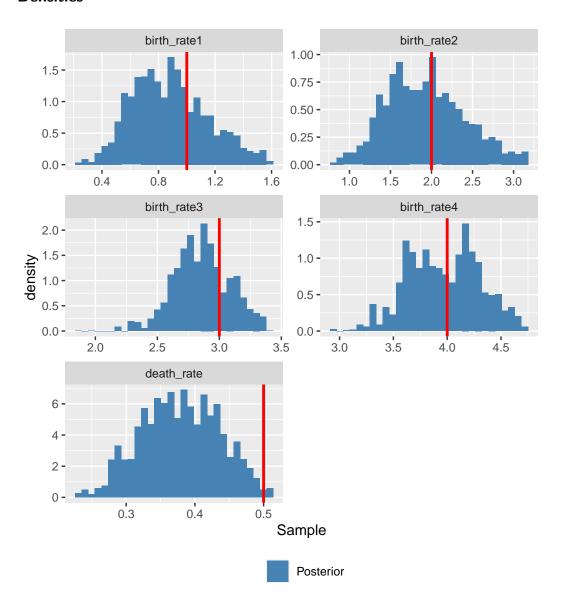
## **Traceplots**



## **Densities**



## **Summaries**

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate1	2001	258	0.57	0.43	0.88	1.58	1.0	0.12
$birth\_rate2$	2001	381	0.51	1.09	1.92	3.17	2.0	0.04
$birth\_rate3$	2001	391	0.22	2.39	2.86	3.40	3.0	0.05
$birth\_rate4$	2001	227	0.21	3.30	3.99	4.71	4.0	0.00
$death\_rate$	2001	563	0.36	0.28	0.38	0.51	0.5	0.24