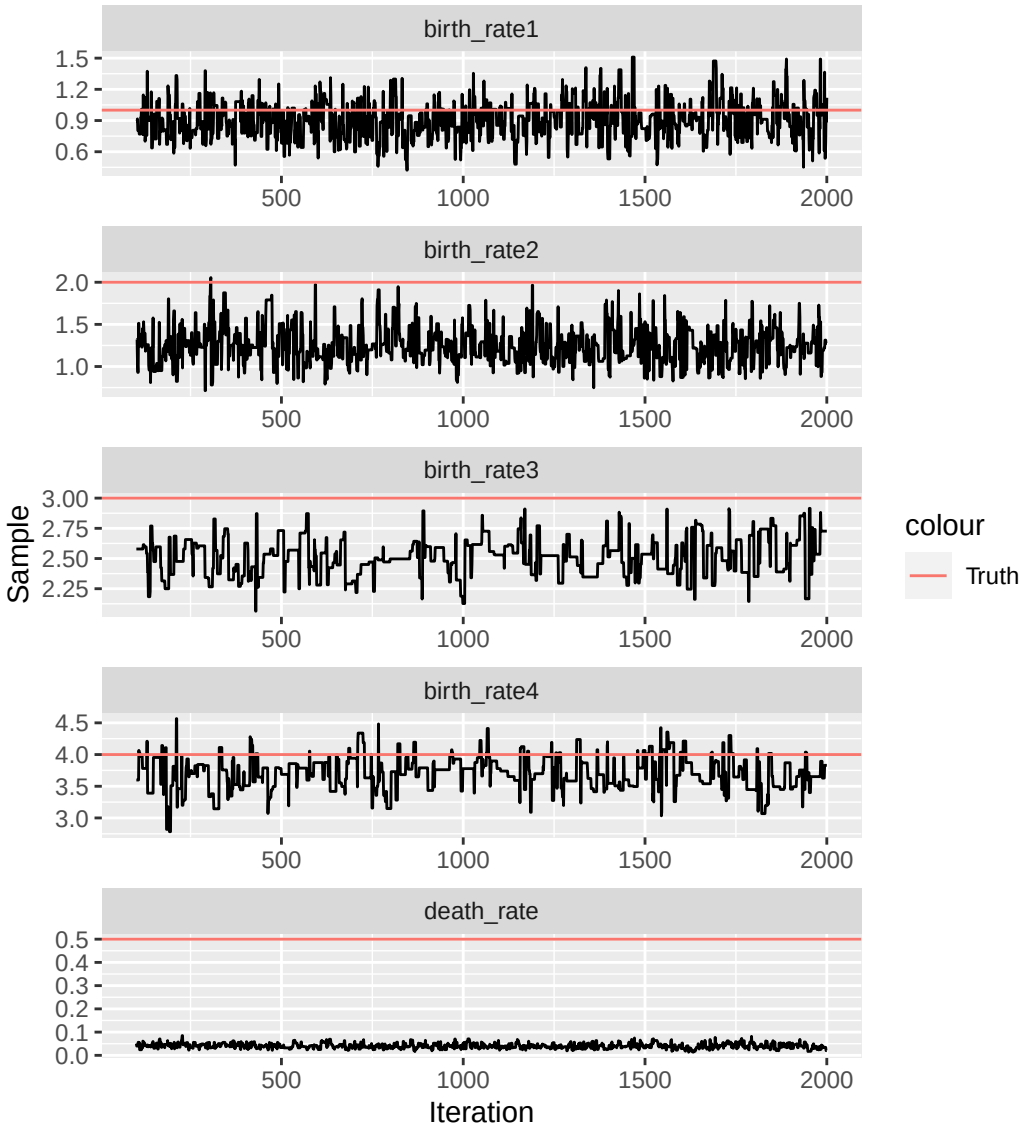
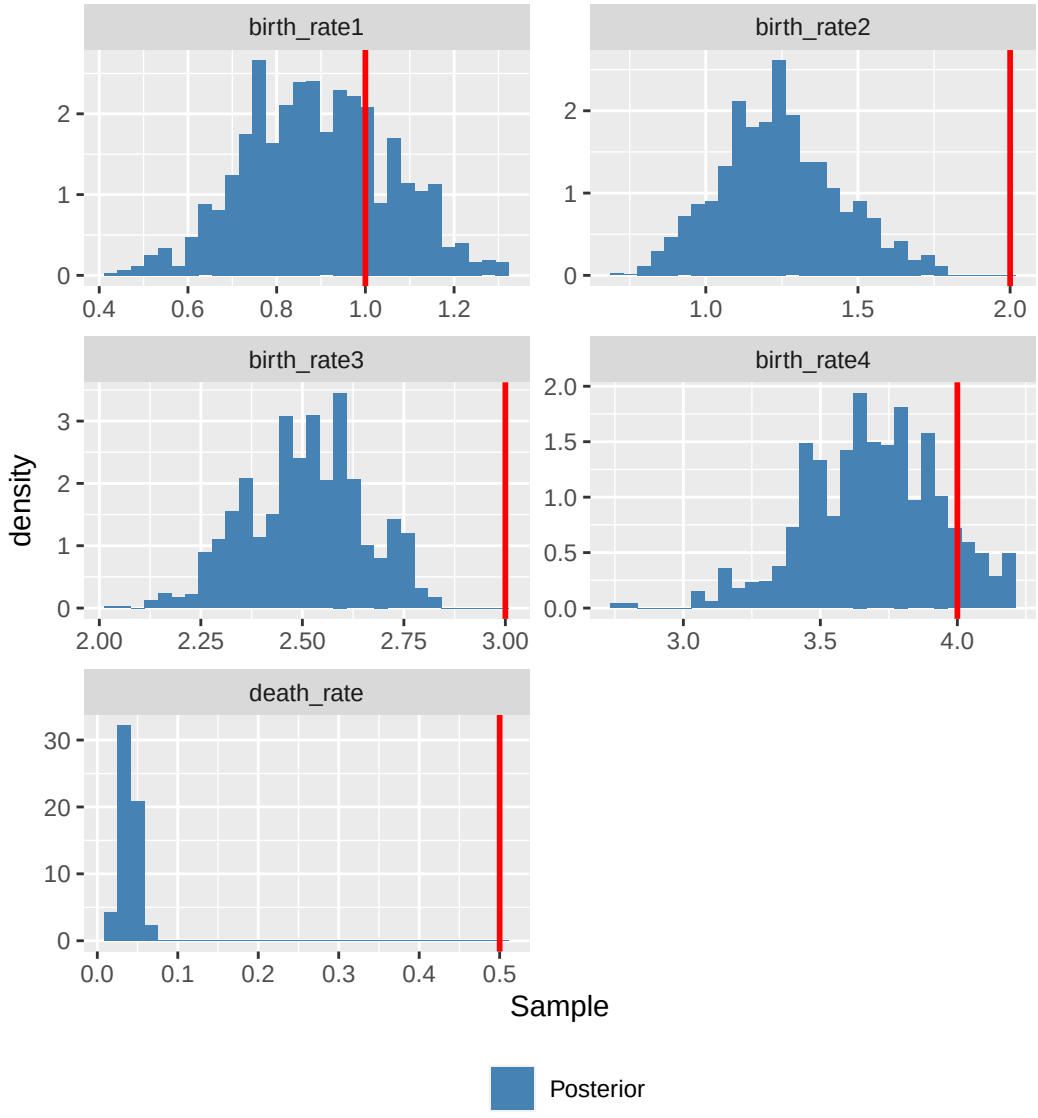
Traceplots


birth_rate1
1.5
1.2
0.9
0.6
500
1000
1500
2000
birth_rate2
2.0
1.5
1.0
500
1000
1500
2000
birth_rate3
Sample
3.00
2.75
2.50
2.25
500
1000
1500
2000
colour
Truth
birth_rate4
4.5
4.0
3.5
3.0
500
1000
1500
2000
death_rate
0.5
0.4
0.3
0.2
0.1
0.0
500
1000
1500
2000
Iteration

Densities


birth_rate1
birth_rate2
birth_rate3
birth_rate4
death_rate
density
Sample
Posterior

Summaries

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate1	2001	474	0.43	0.57	0.89	1.31	1.0	0.11
birth_rate2	2001	426	0.40	0.88	1.24	1.79	2.0	0.38
birth_rate3	2001	240	0.14	2.23	2.52	2.83	3.0	0.16
birth_rate4	2001	181	0.17	3.15	3.70	4.22	4.0	0.07
death_rate	2001	374	0.54	0.02	0.04	0.06	0.5	0.92