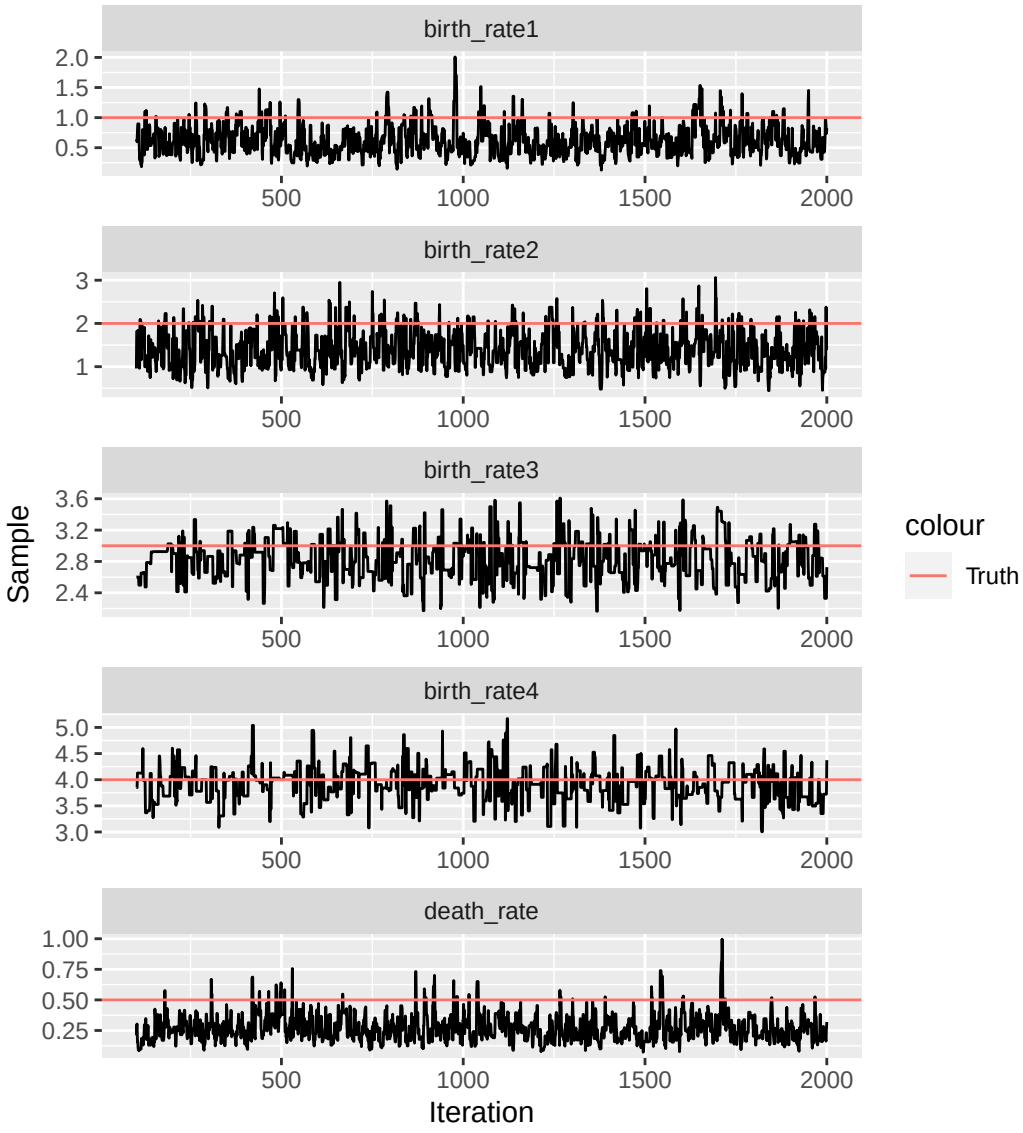
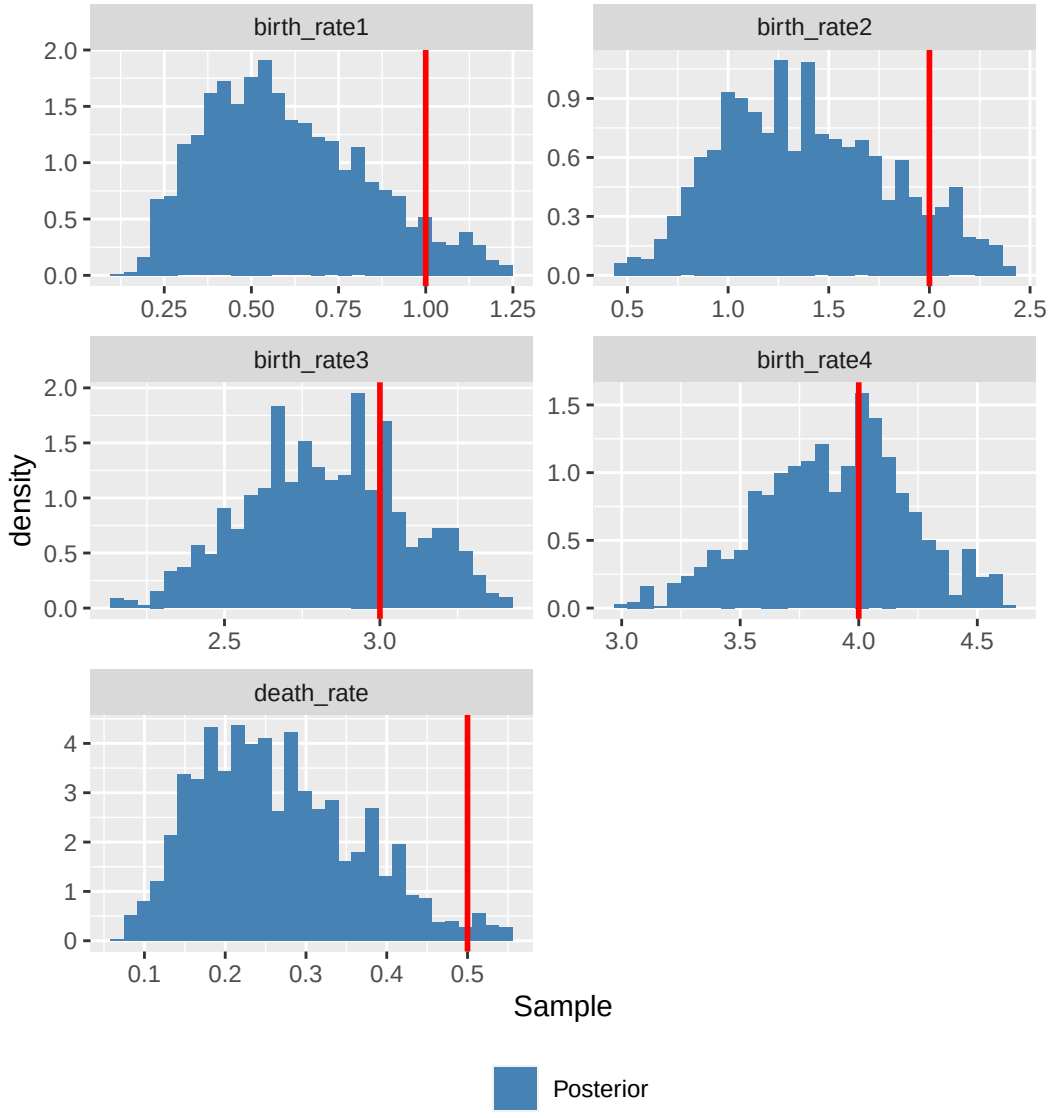
Traceplots


birth_rate1
2.0
1.5
1.0
0.5
500
1000
1500
2000
birth_rate2
3
2
1
500
1000
1500
2000
birth_rate3
3.6
3.2
2.8
2.4
500
1000
1500
2000
birth_rate4
5.0
4.5
4.0
3.5
3.0
500
1000
1500
2000
death_rate
1.00
0.75
0.50
0.25
500
1000
1500
2000
Sample
Iteration
colour
Truth

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	291	0.65	0.24	0.58	1.25	1.0	0.42
birth_rate2	2001	427	0.58	0.69	1.37	2.38	2.0	0.31
birth_rate3	2001	377	0.25	2.33	2.84	3.42	3.0	0.05
birth_rate4	2001	482	0.21	3.27	3.93	4.65	4.0	0.02
death_rate	2001	316	0.66	0.12	0.25	0.56	0.5	0.50