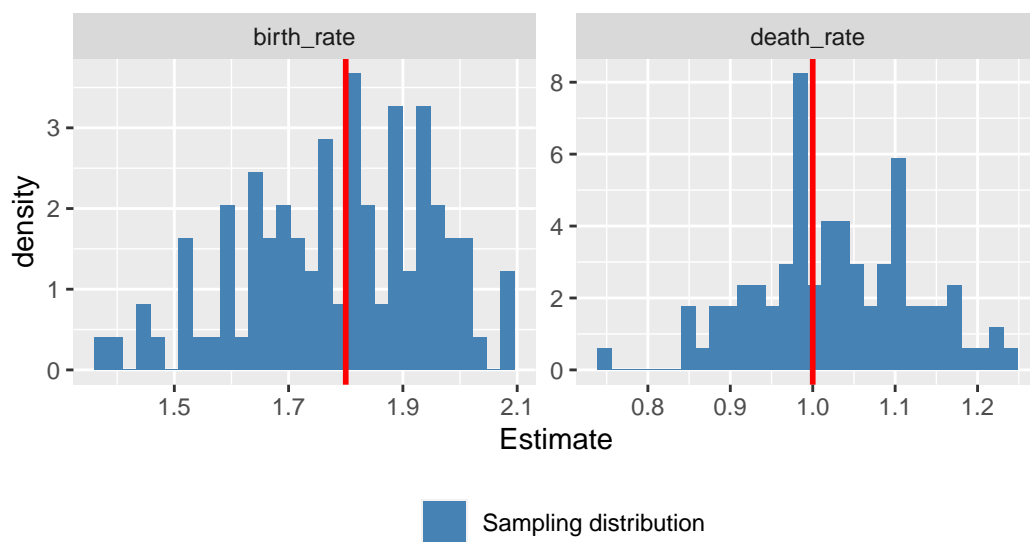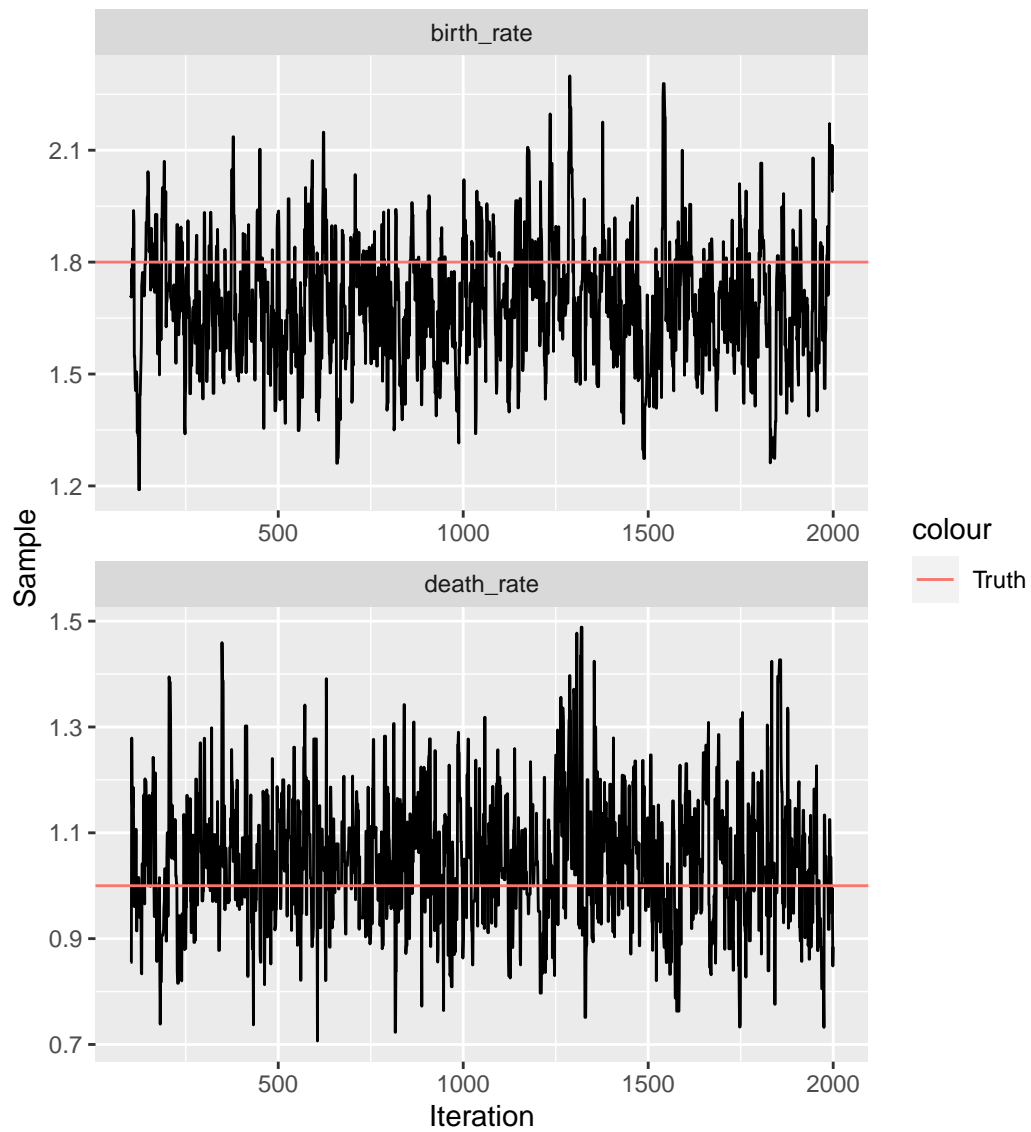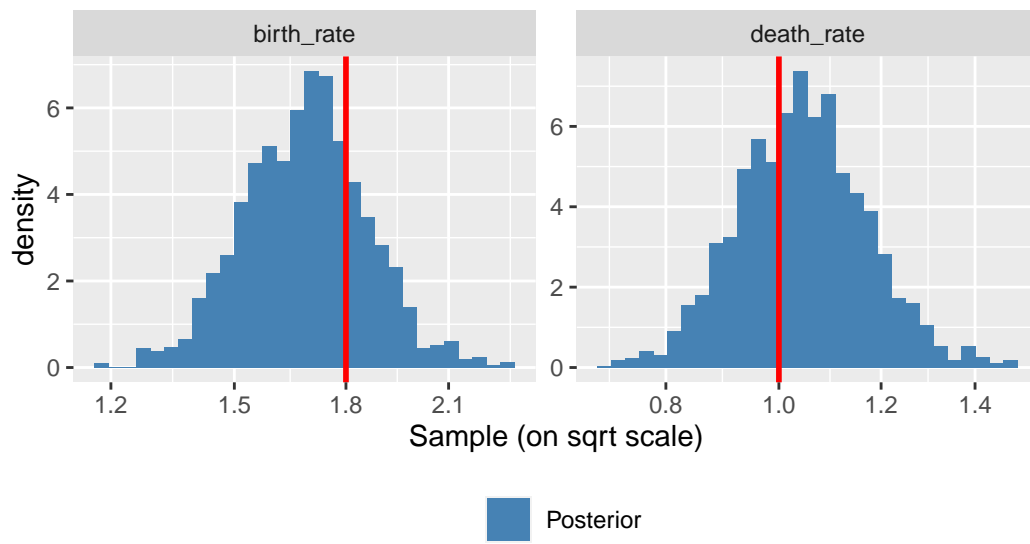**Posterior median sampling distributions**

Example traceplots (after burn-in)

Example densities

Example summaries

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
birth_rate	2001	256	0.71	1.37	1.69	2.05	1.8	0.06
death_rate	2001	440	0.57	0.82	1.04	1.31	1.0	0.04