Posterior median sampling distributions
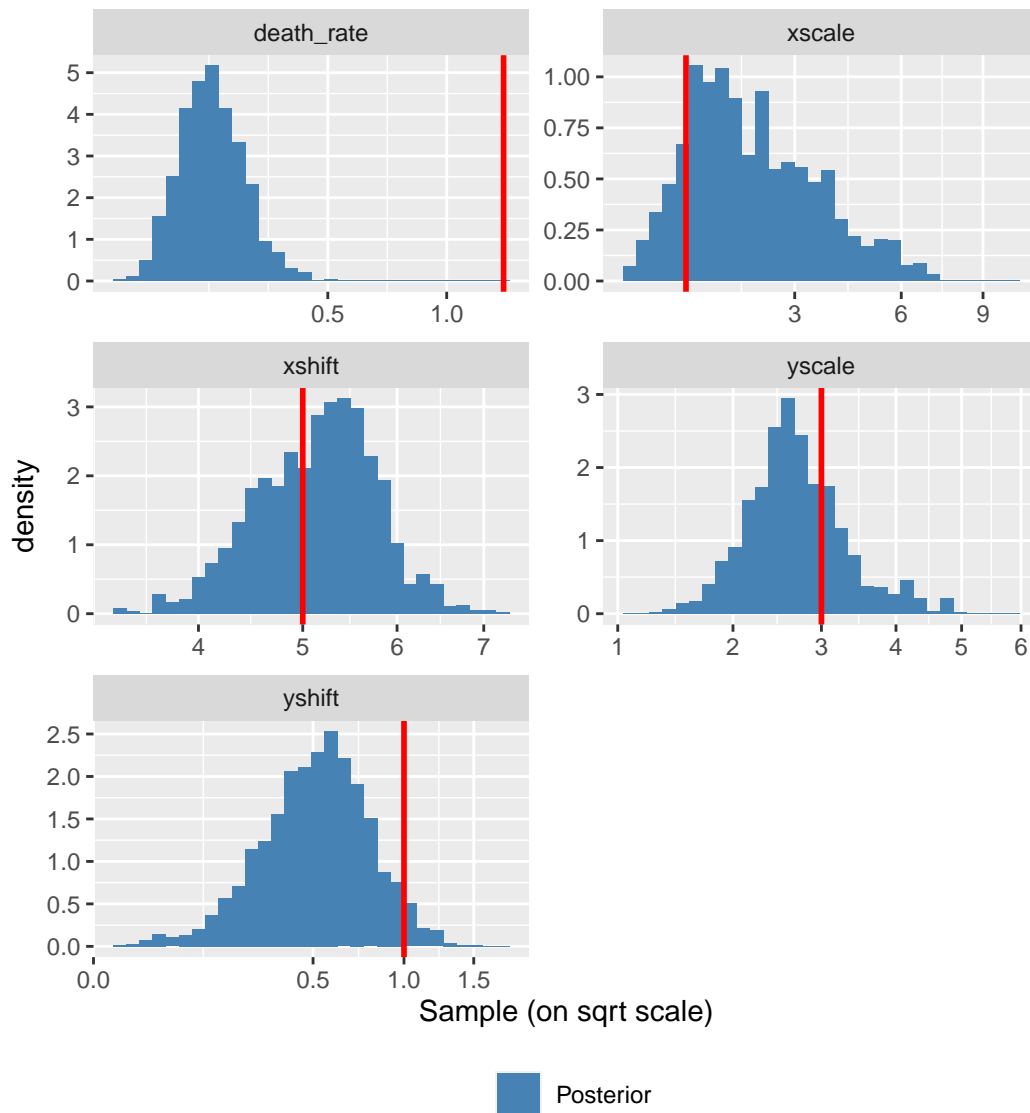
Sampling distribution
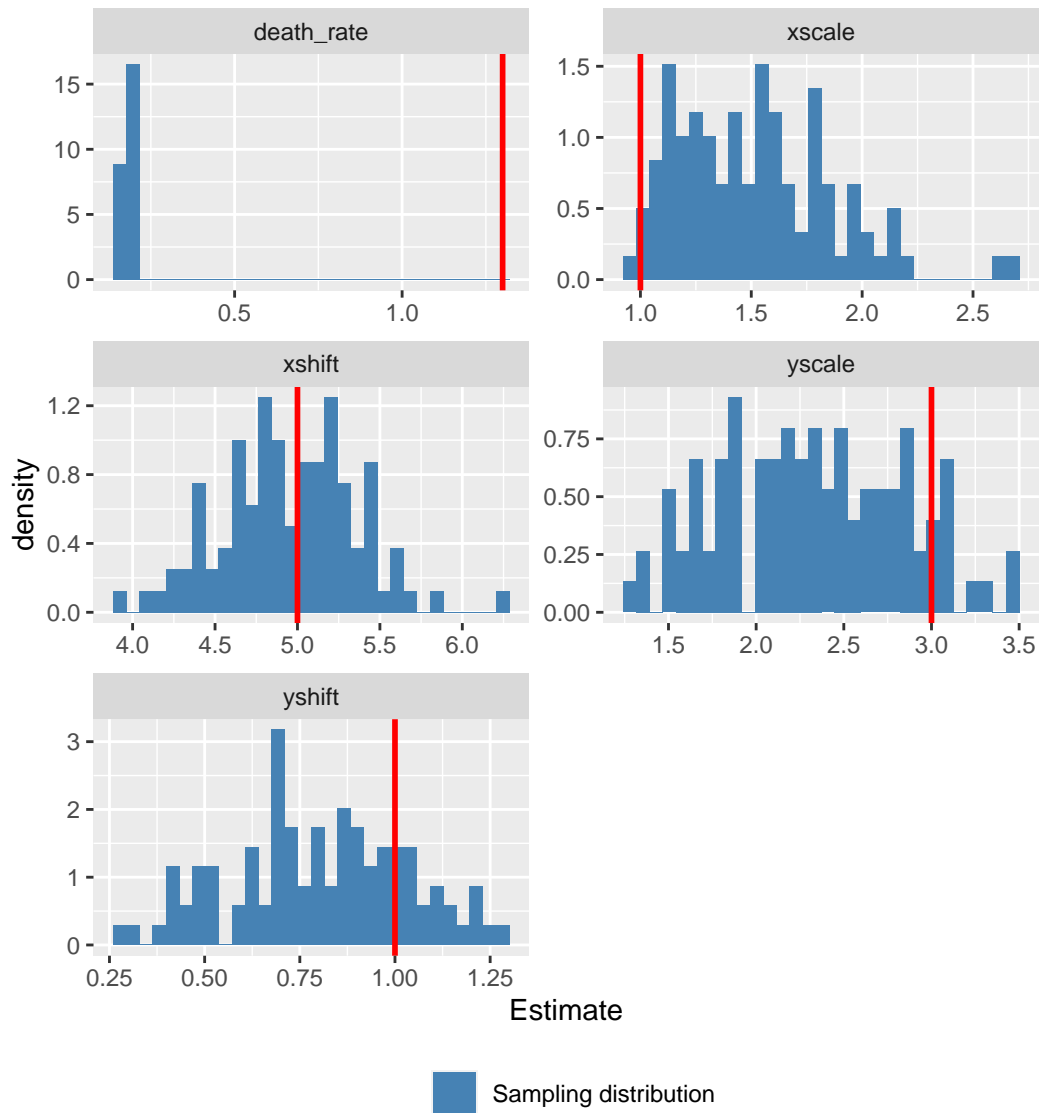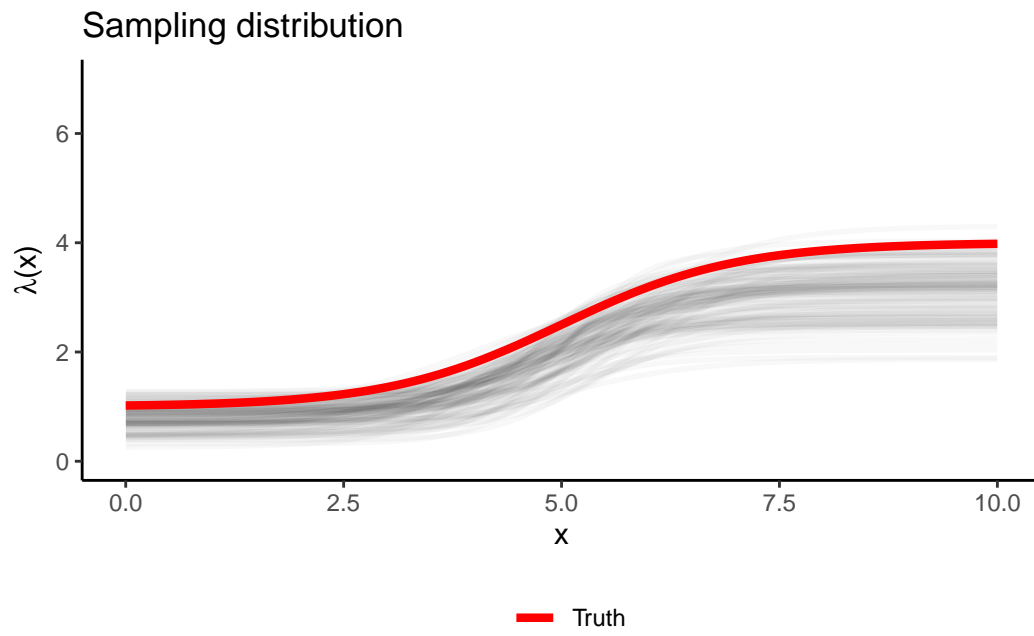
— Truth

Traceplots (one run)
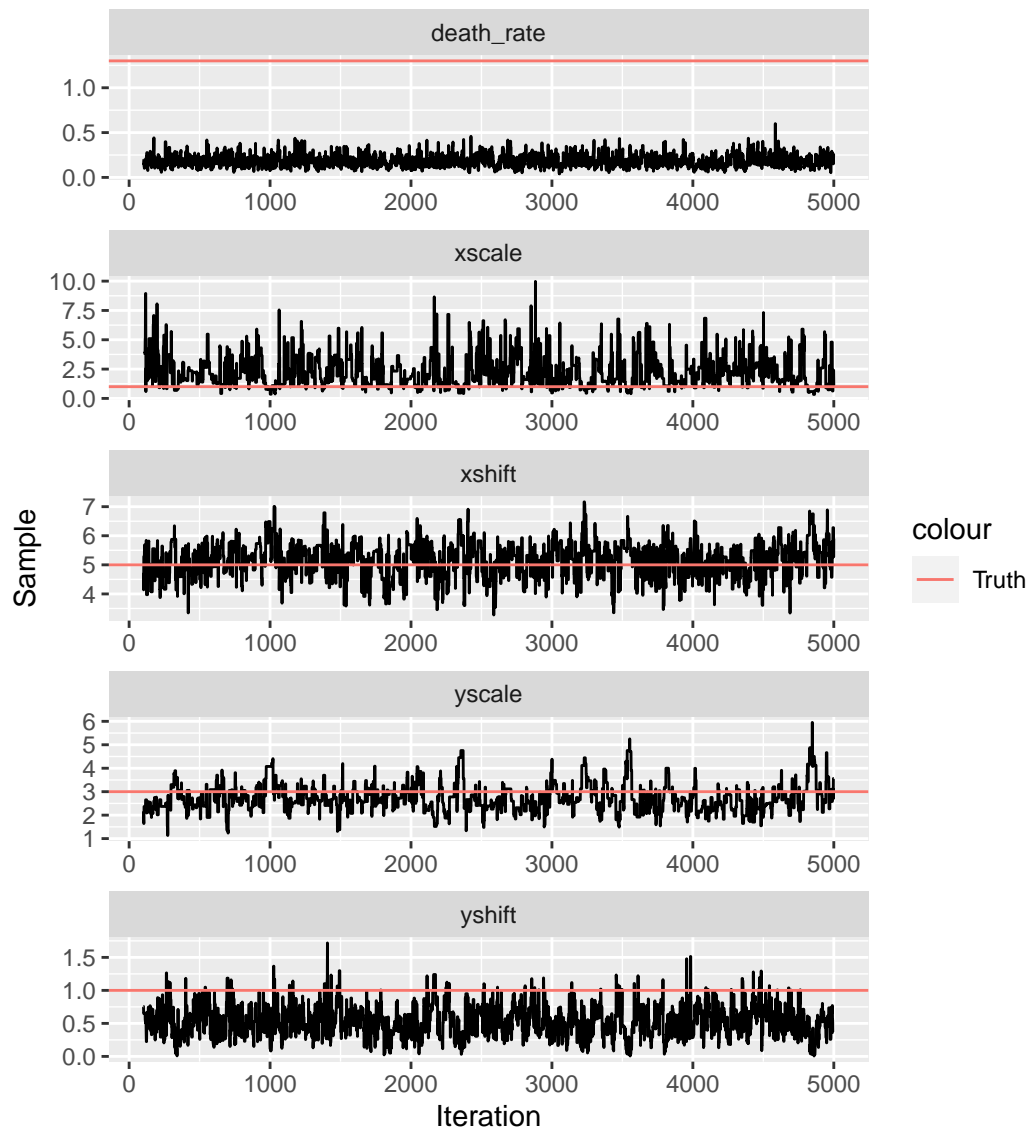
Densities (one run)

Summaries (one run)

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
death_rate	5001	872	0.63	0.08	0.17	0.35	1.3	0.87
xscale	5001	383	0.19	0.57	1.89	5.83	1.0	0.89
xshift	5001	385	0.27	3.95	5.19	6.35	5.0	0.04
yscale	5001	133	0.17	1.72	2.63	4.20	3.0	0.12
yshift	5001	382	0.40	0.12	0.53	1.05	1.0	0.47

Sigmoids (one run)

Prior

Truth

Posterior

Truth