Posterior median sampling distributions

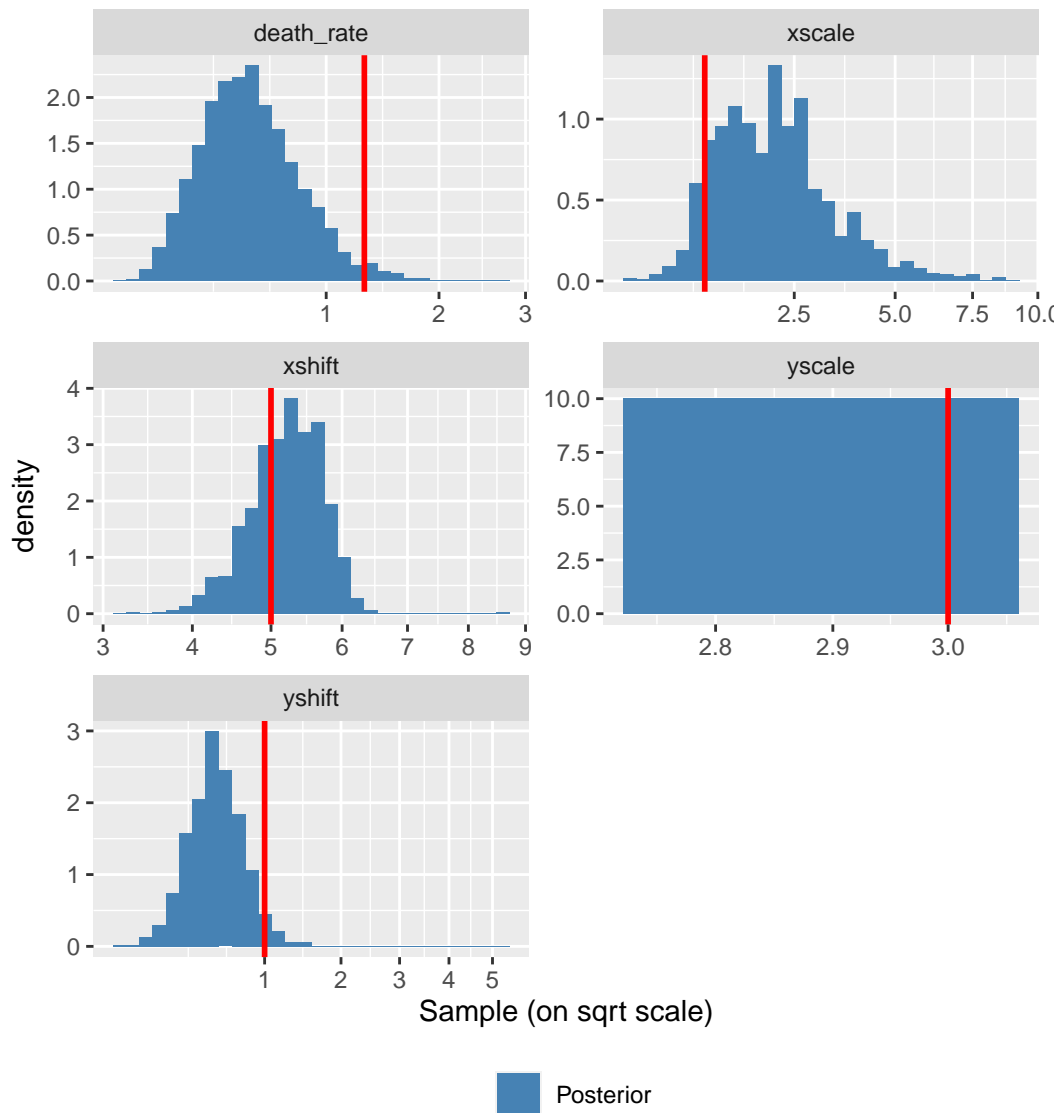Sampling distribution
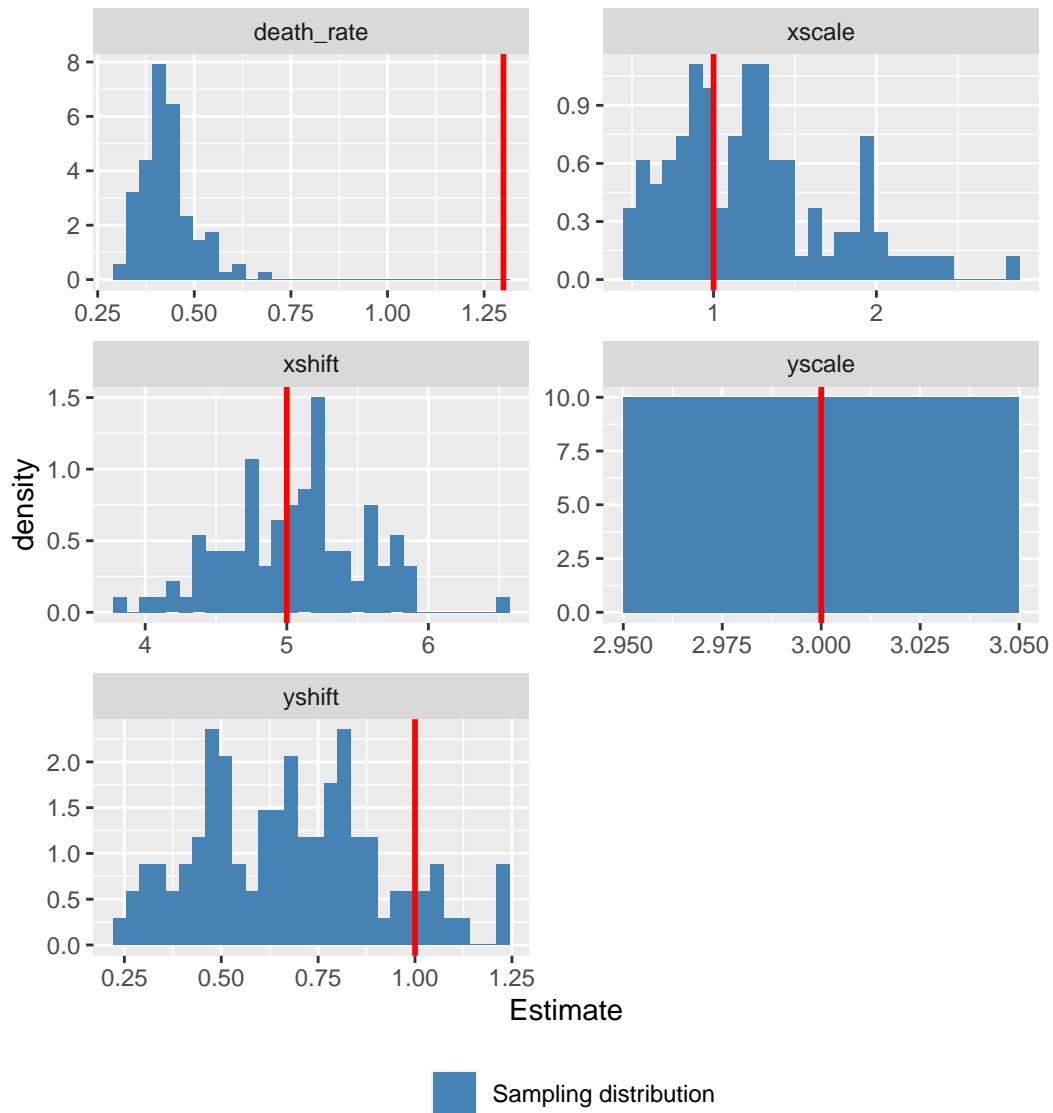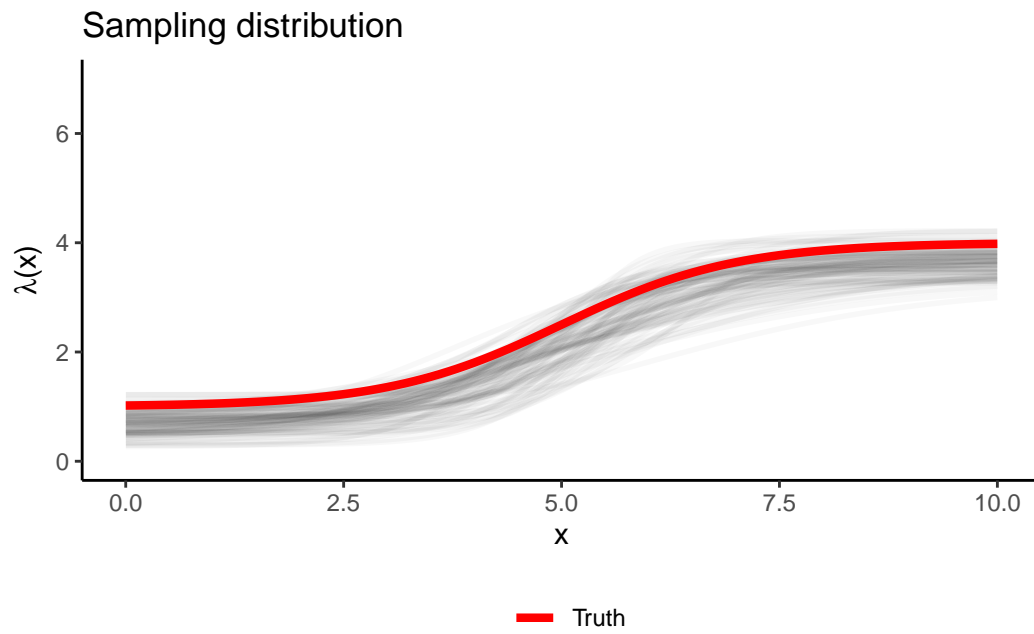
—— Truth

Traceplots (one run)
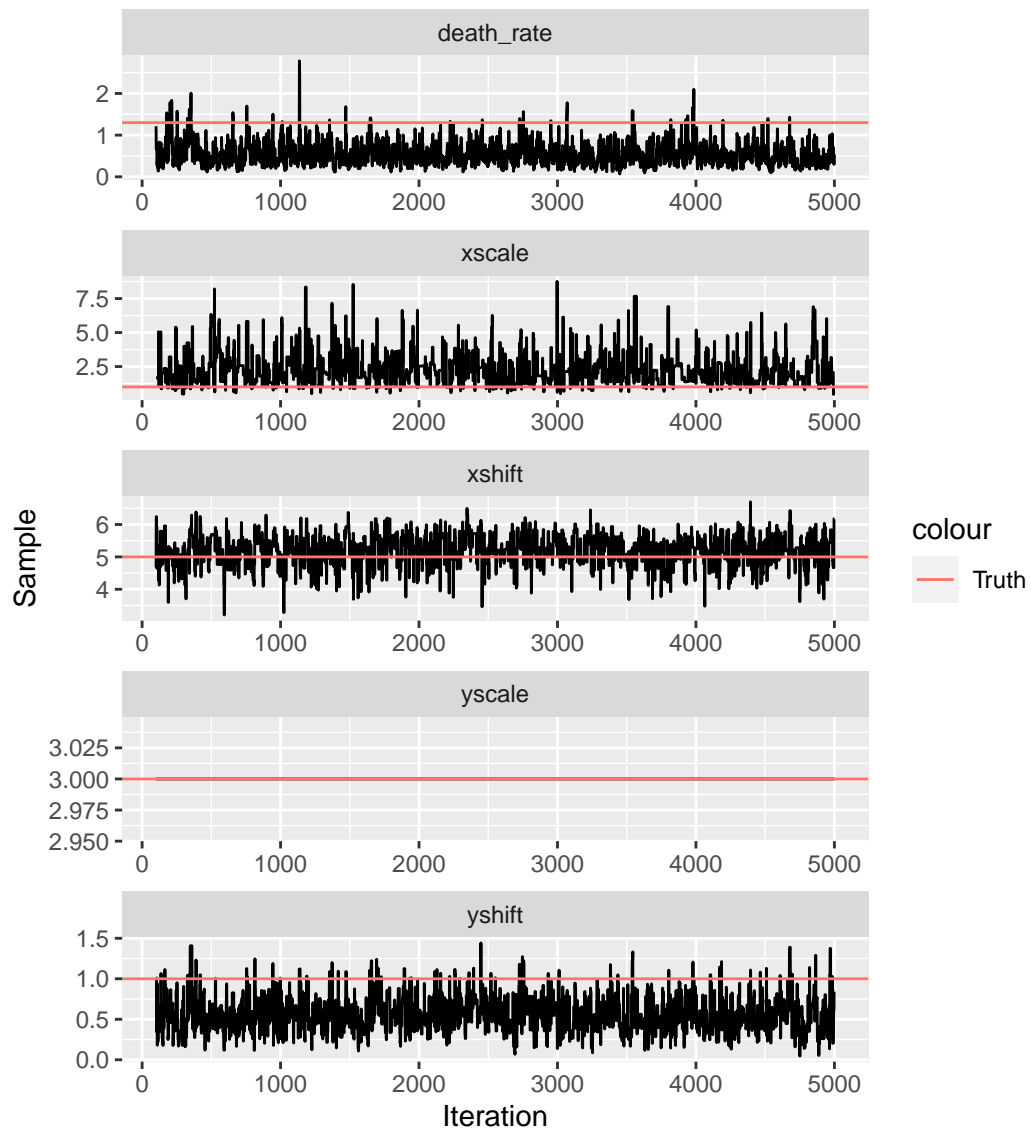
Densities (one run)

Summaries (one run)

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
death_rate	5001	580	0.68	0.17	0.50	1.23	1.3	0.62
xscale	5001	570	0.21	0.77	2.04	5.51	1.0	1.04
xshift	5001	579	0.26	4.17	5.25	6.04	5.0	0.05
yscale	5001	0	0.00	3.00	3.00	3.00	3.0	0.00
yshift	5001	636	0.39	0.20	0.53	1.07	1.0	0.47

Sigmoids (one run)

Prior

Truth

Posterior

Truth