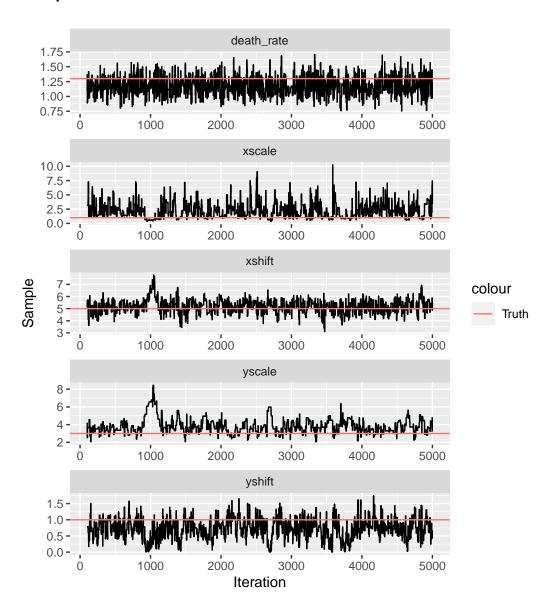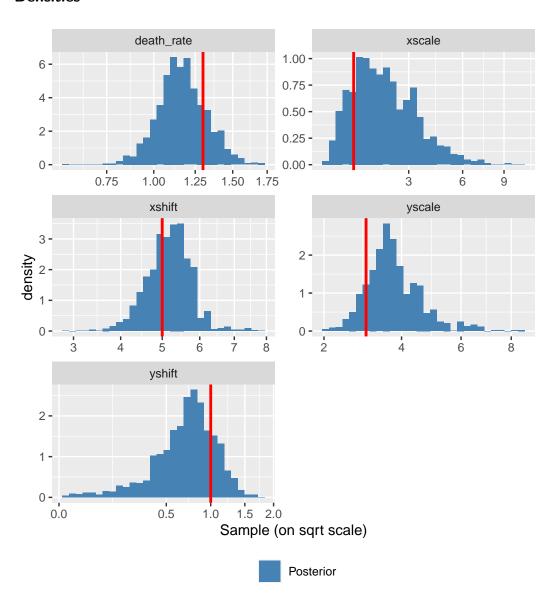**Traceplots**

Densities

Summaries

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
death_rate	5001	1049	0.31	0.90	1.16	1.48	1.3	0.11
xscale	5001	267	0.18	0.59	1.84	5.57	1.0	0.84
xshift	5001	307	0.23	4.07	5.20	6.27	5.0	0.04
yscale	5001	75	0.14	2.57	3.65	6.11	3.0	0.22
yshift	5001	200	0.34	0.09	0.74	1.33	1.0	0.26

Sigmoids

Prior

Posterior