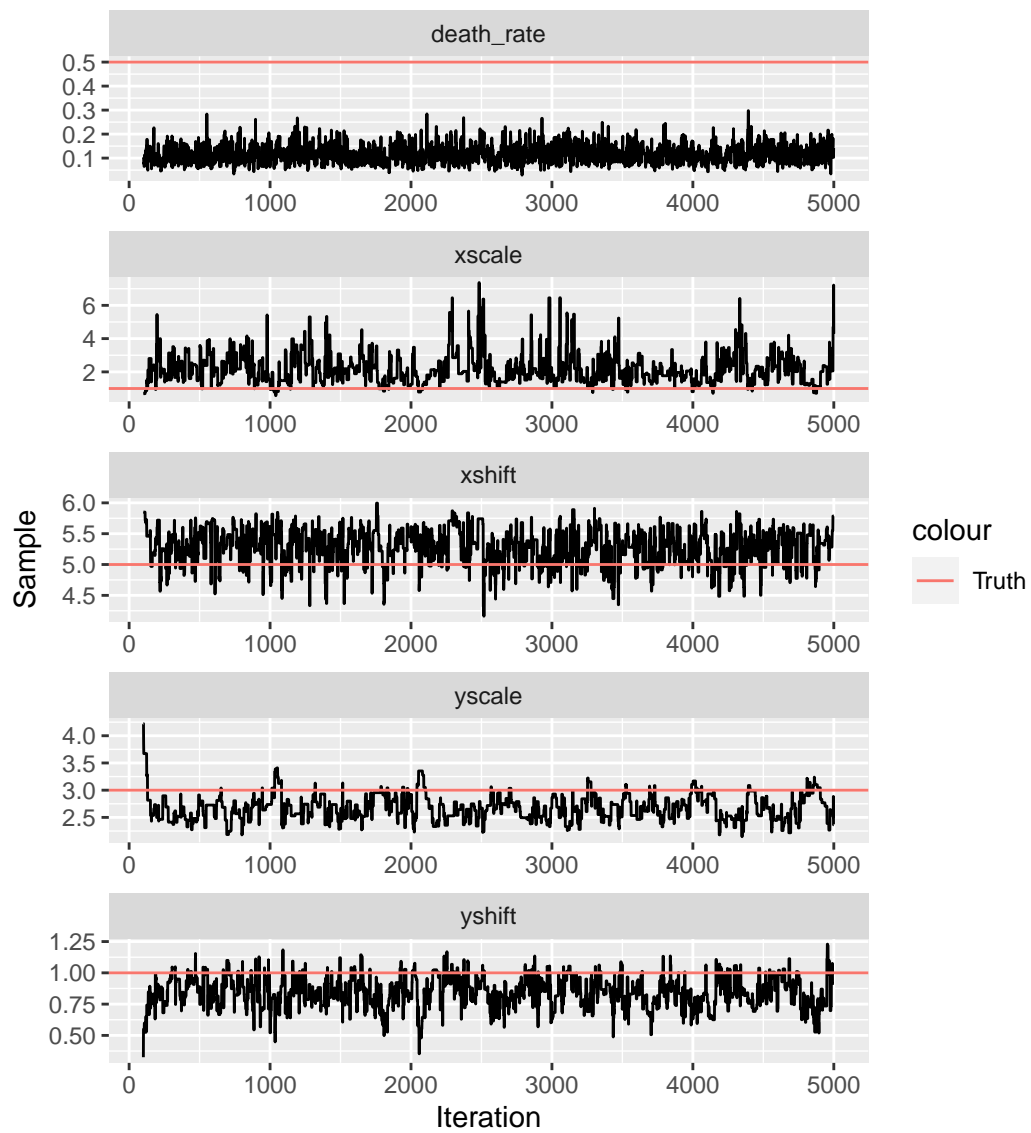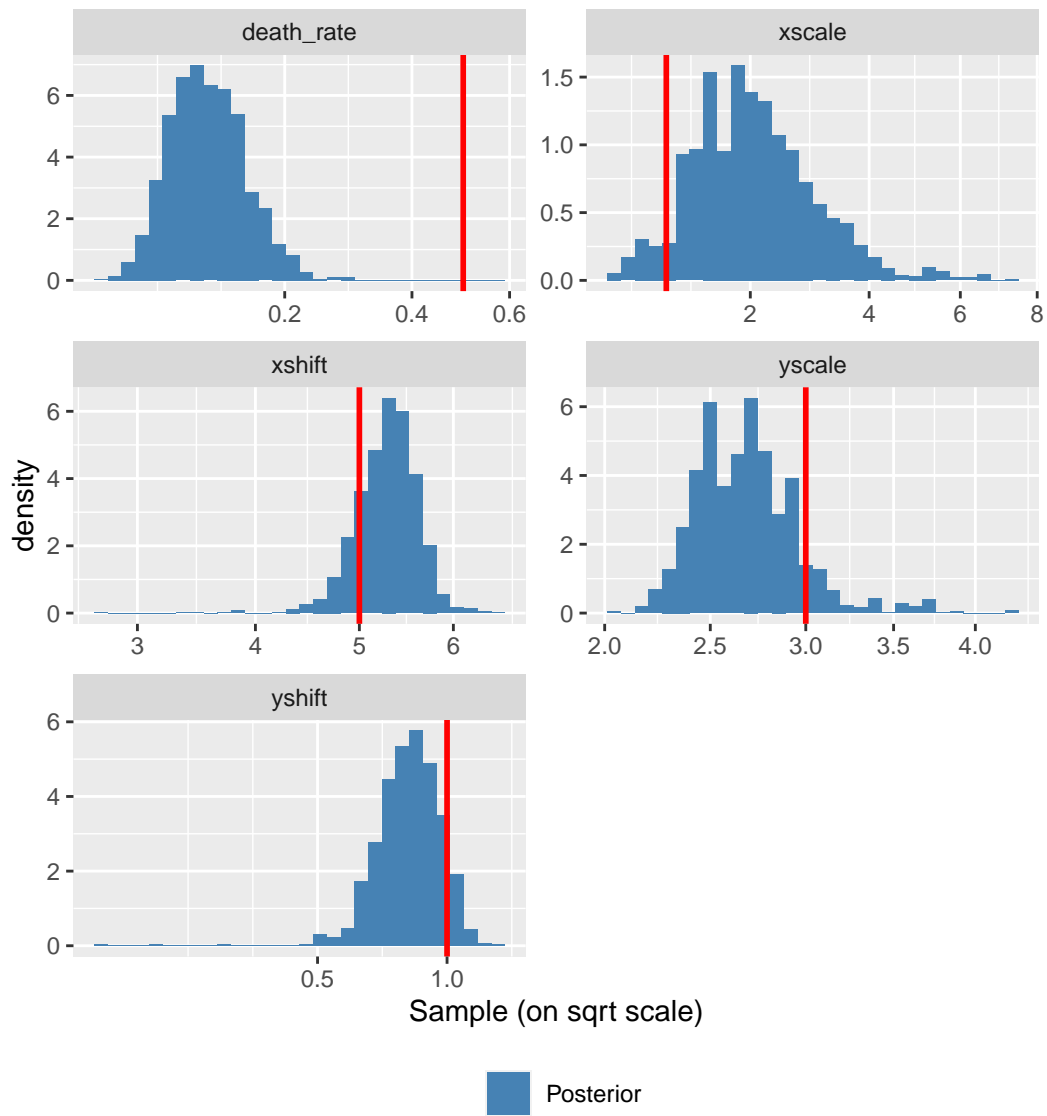**Traceplots**

Densities

Summaries

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
death_rate	5001	1006	0.59	0.06	0.11	0.20	0.5	0.78
xscale	5001	199	0.17	0.79	1.98	4.44	1.0	0.98
xshift	5001	298	0.24	4.65	5.31	5.82	5.0	0.06
yscale	5001	78	0.13	2.27	2.67	3.37	3.0	0.11
yshift	5001	157	0.24	0.56	0.84	1.06	1.0	0.16

Sigmoids