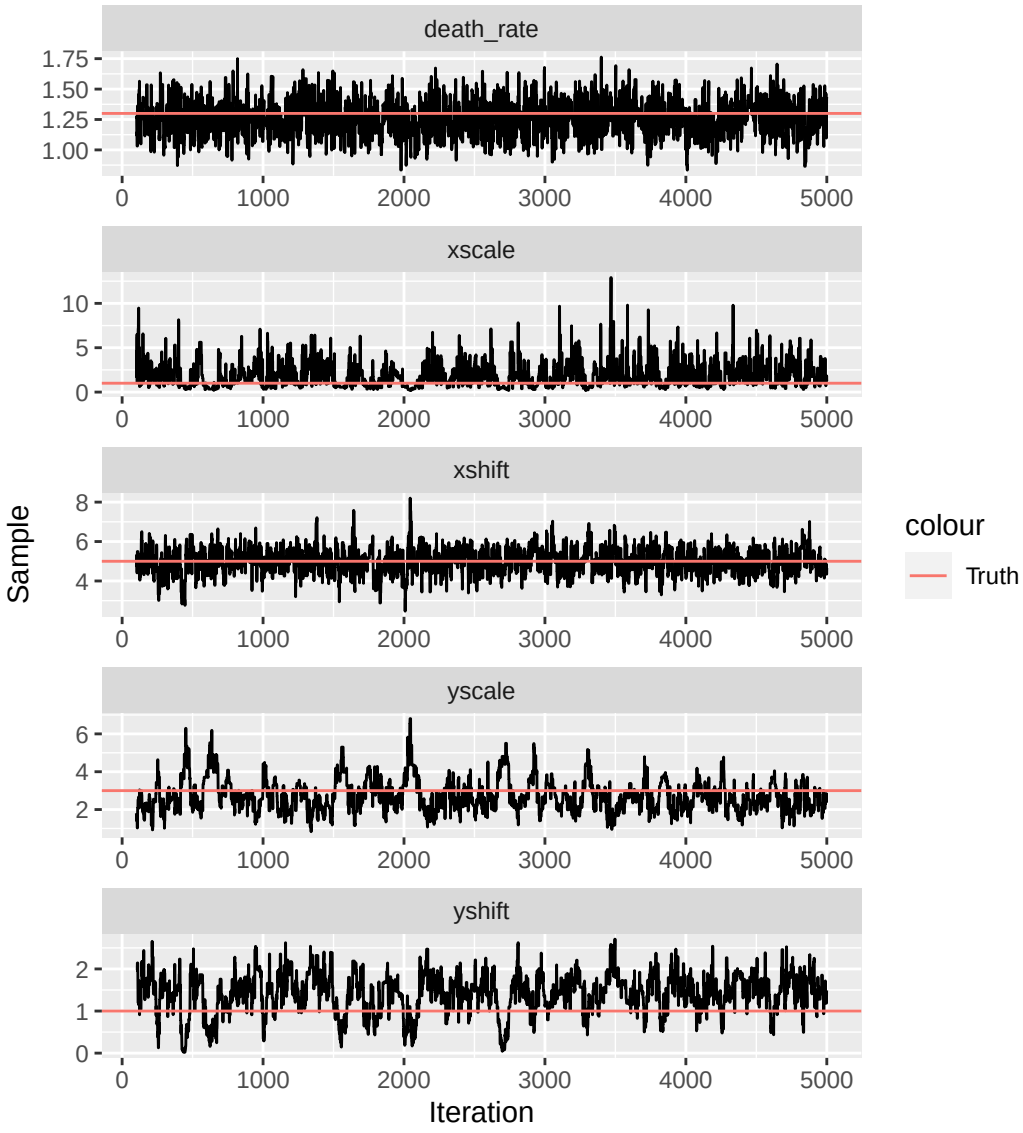
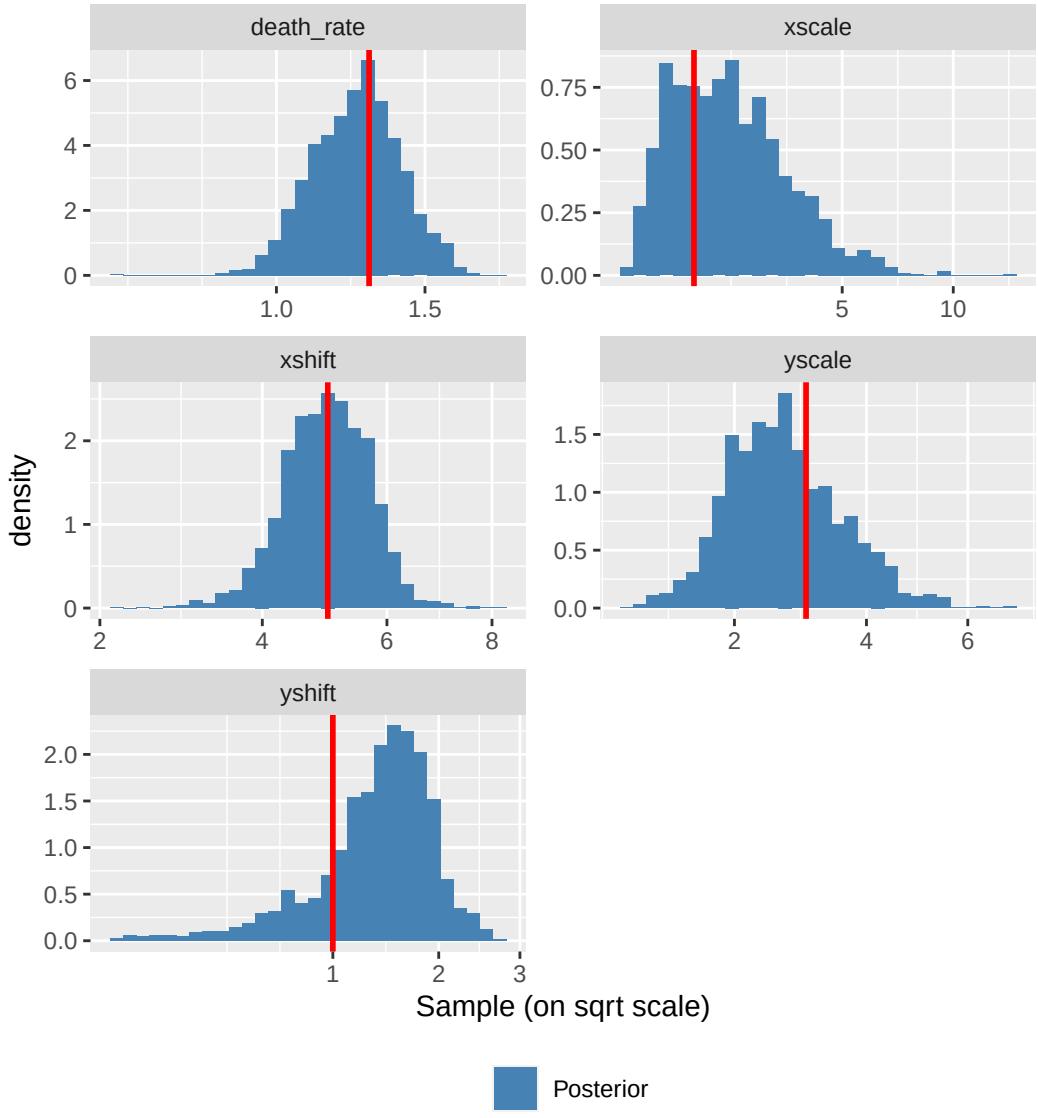
Traceplots


death_rate
1.75
1.50
1.25
1.00
xscale
10
5
0
xshift
8
6
4
yscale
6
4
2
yshift
2
1
0
0
1000
2000
3000
4000
5000
Sample
Iteration
colour
Truth

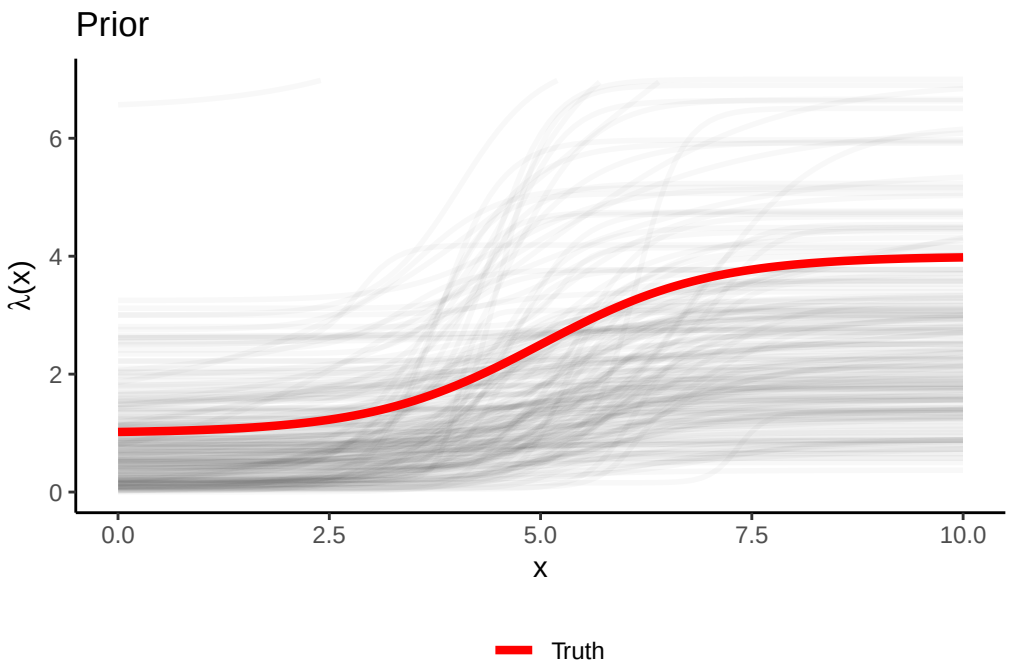
Densities

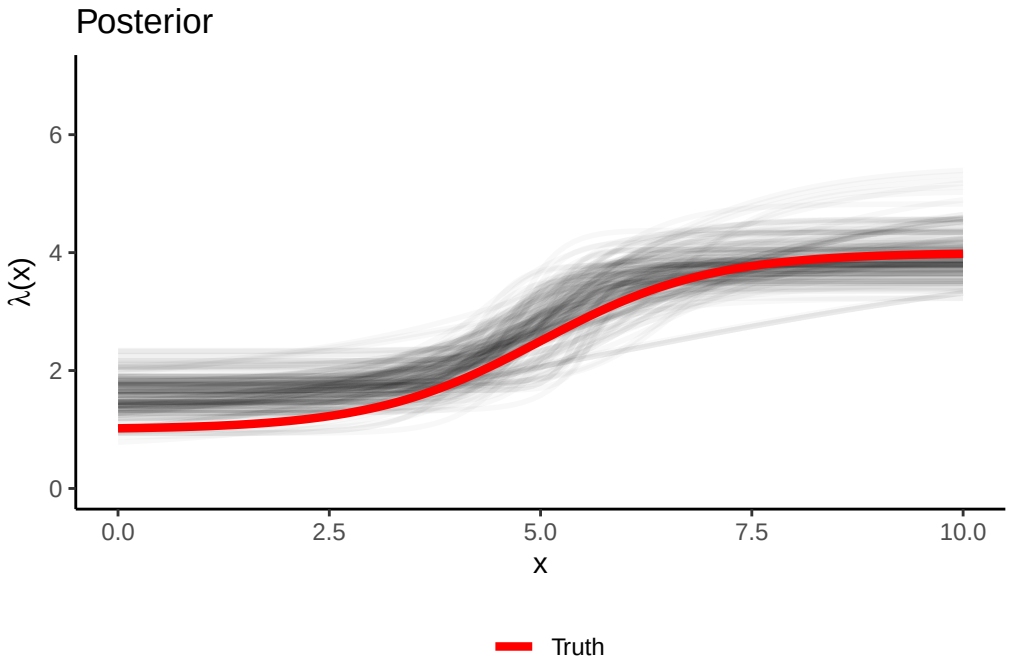

death_rate
xscale
xshift
yscale
yshift
density
Sample (on sqrt scale)
Posterior

Summaries

Parameter	n	ESS	Acceptance	Q 25%	Median	Q 75%	Truth	Relative error
death_rate	5001	943	0.49	0.98	1.26	1.56	1.3	0.03
xscale	5001	303	0.37	0.34	1.57	5.62	1.0	0.57
xshift	5001	491	0.51	3.65	5.00	6.26	5.0	0.00
yscale	5001	91	0.33	1.42	2.61	4.74	3.0	0.13
yshift	5001	123	0.38	0.30	1.47	2.28	1.0	0.47

Sigmoids


Prior
λ(x)
6
4
2
0
0.0
2.5
5.0
7.5
10.0
x
Truth


Posterior
λ(x)
6
4
2
0
0.0
2.5
5.0
7.5
10.0
x
Truth