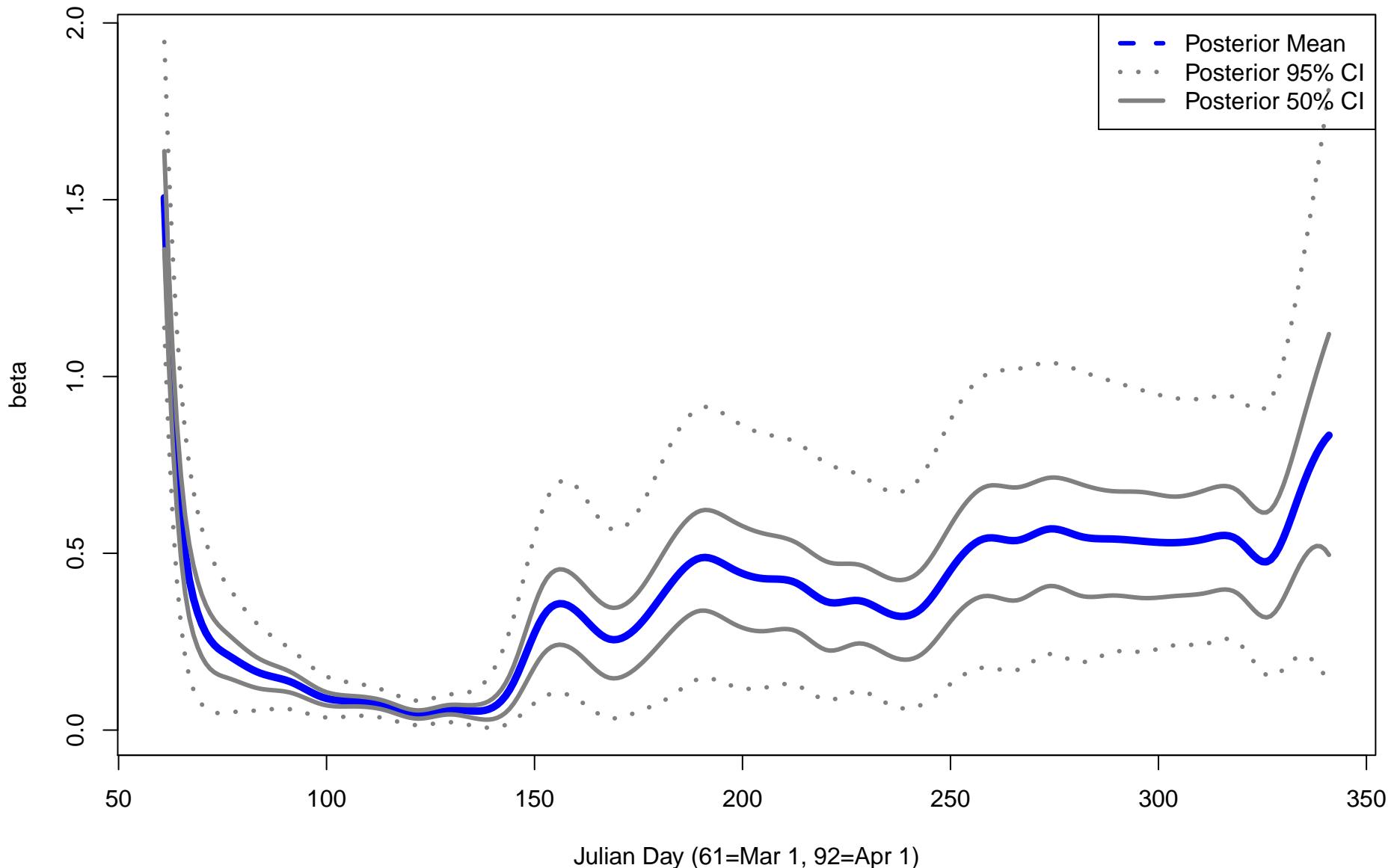
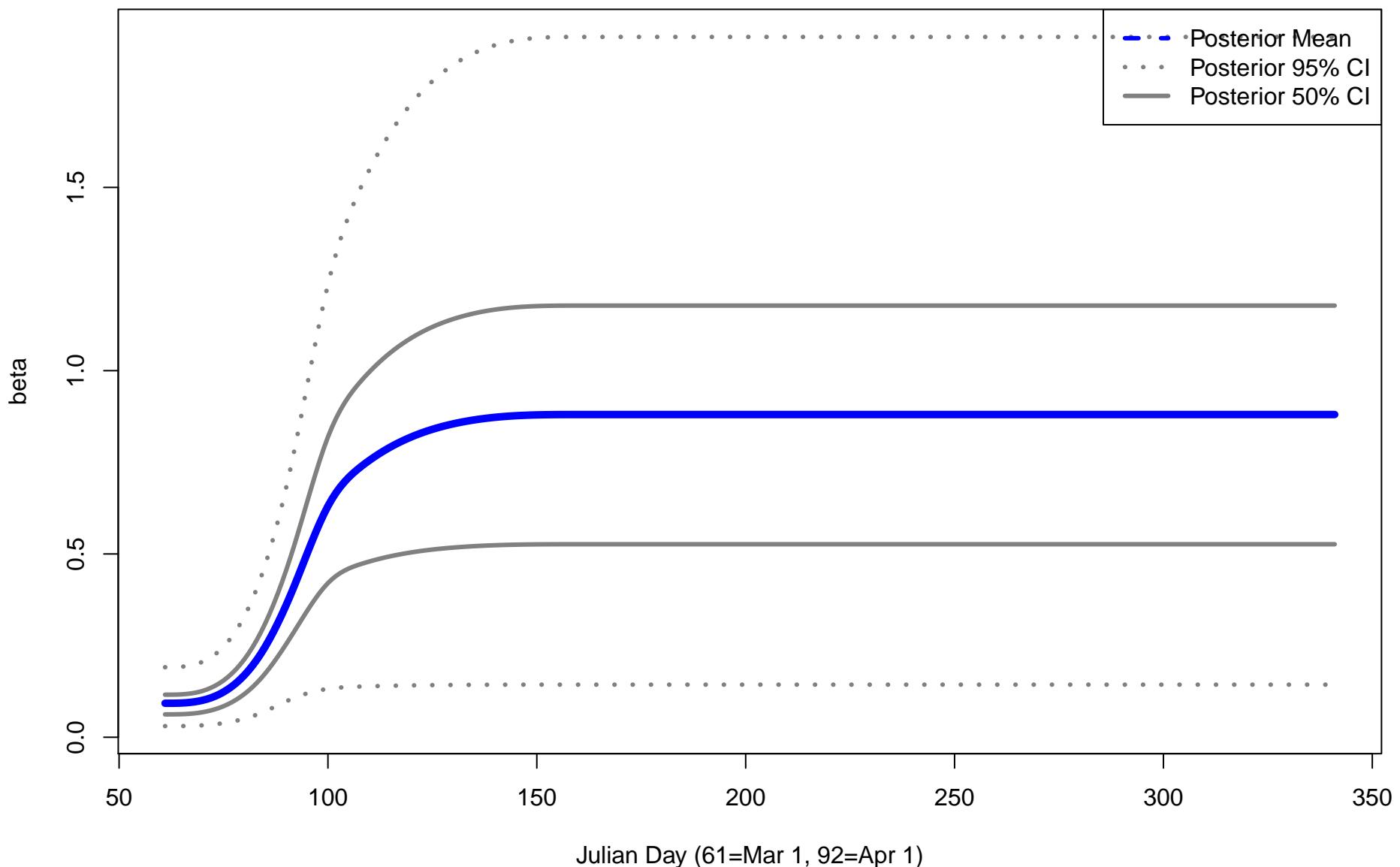
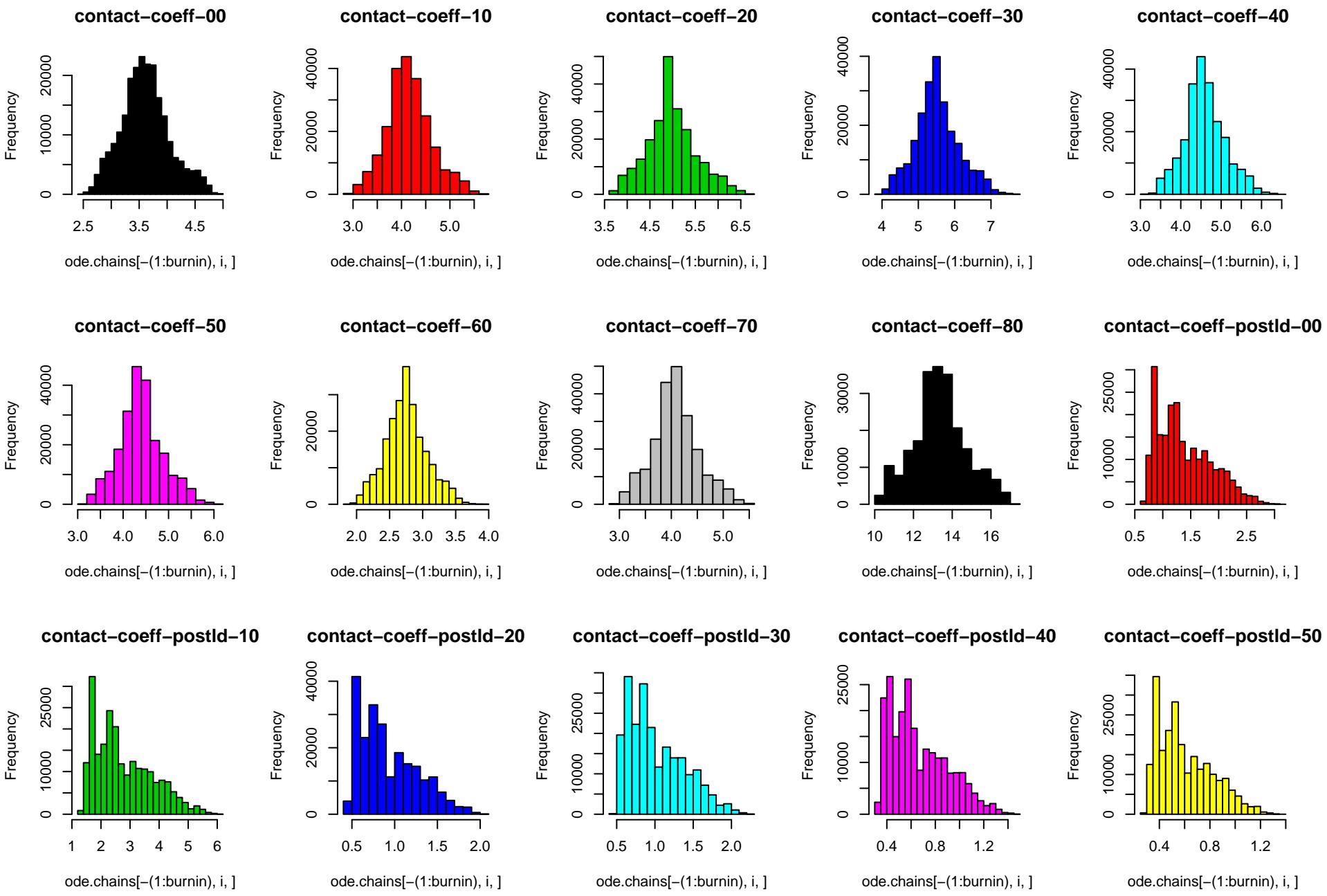


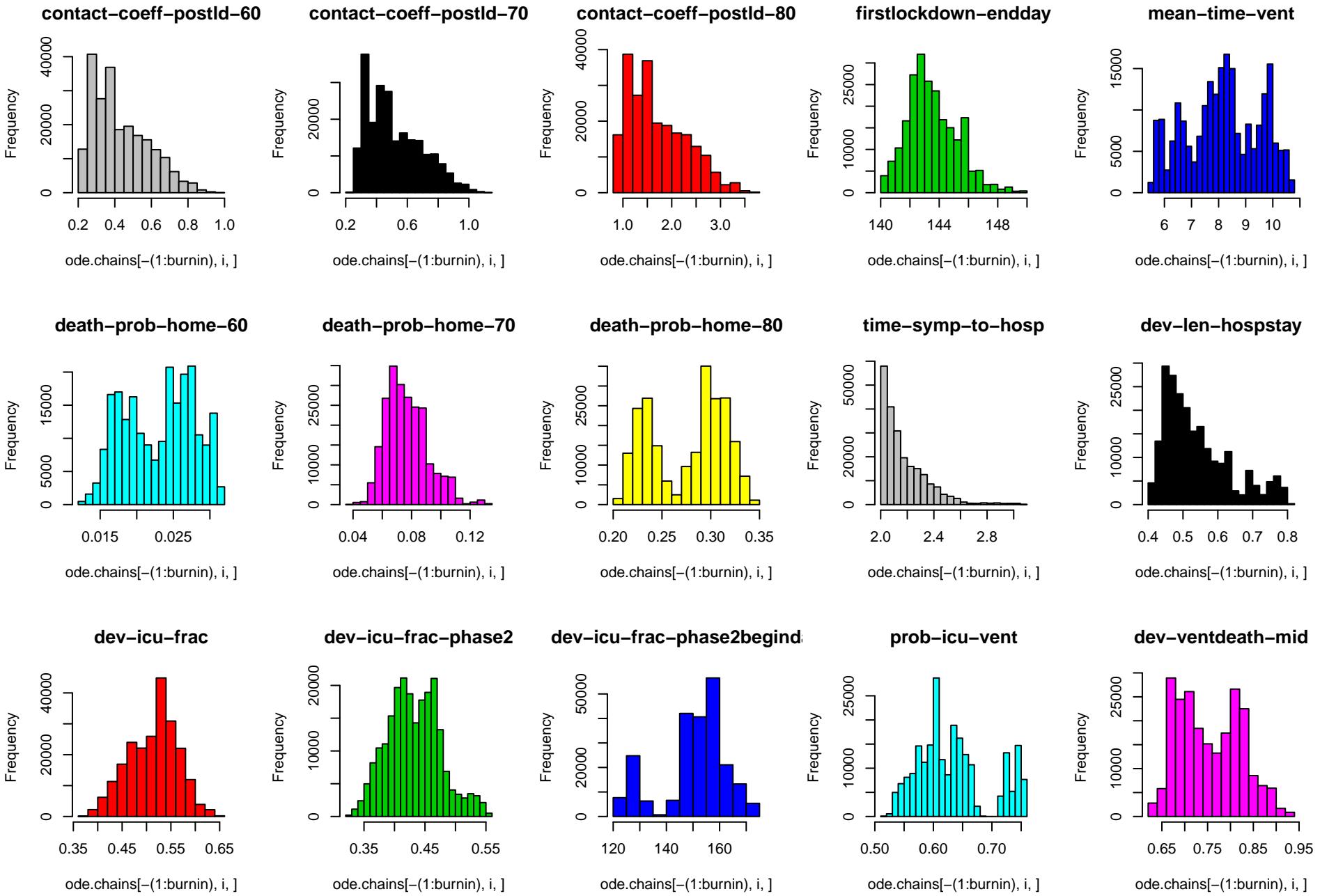
Contact Rate Parameter Over Time

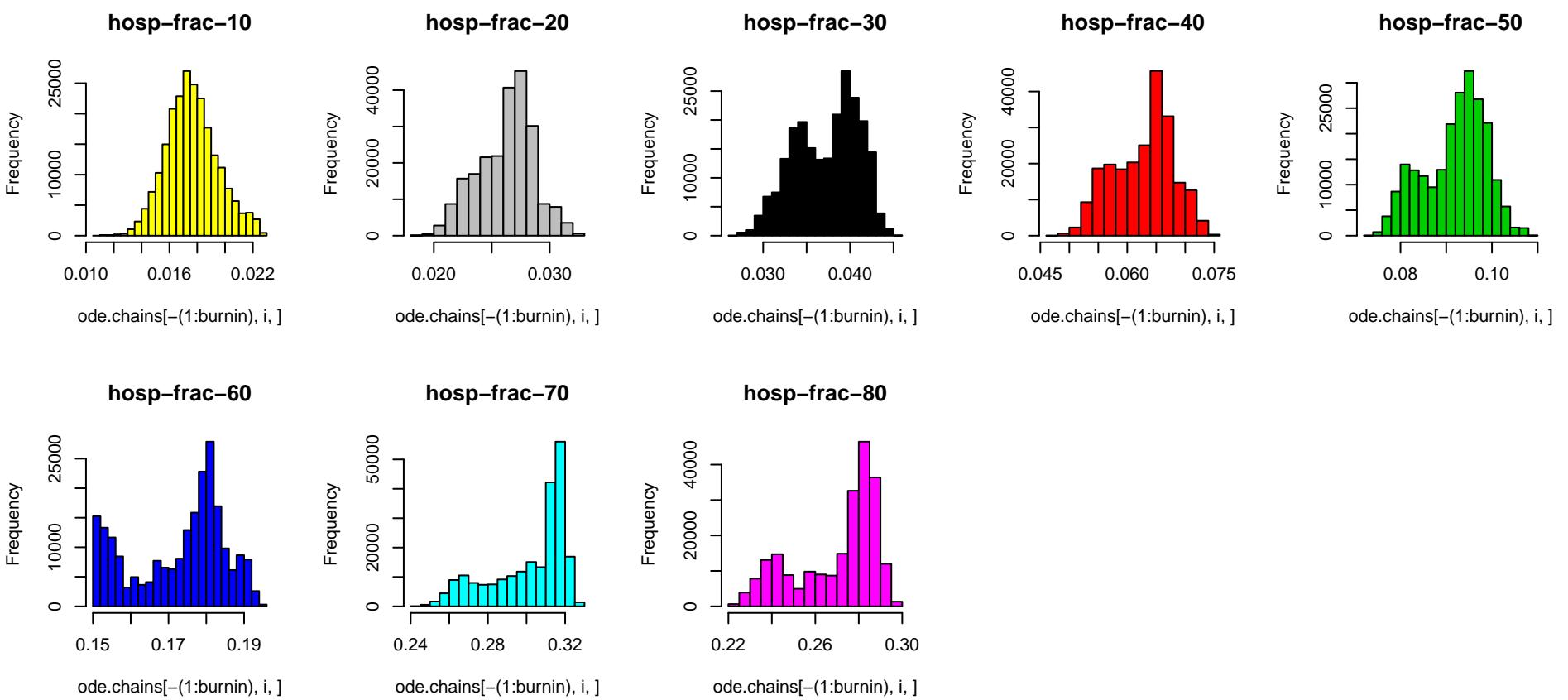


Reporting Rate Over Time









variance param 1

Frequency

30000
10000
0

30 40 50 60

s2.chains[–(1:burnin), i,]

variance param 2

Frequency

30000
10000
0

4 5 6 7

s2.chains[–(1:burnin), i,]

variance param 3

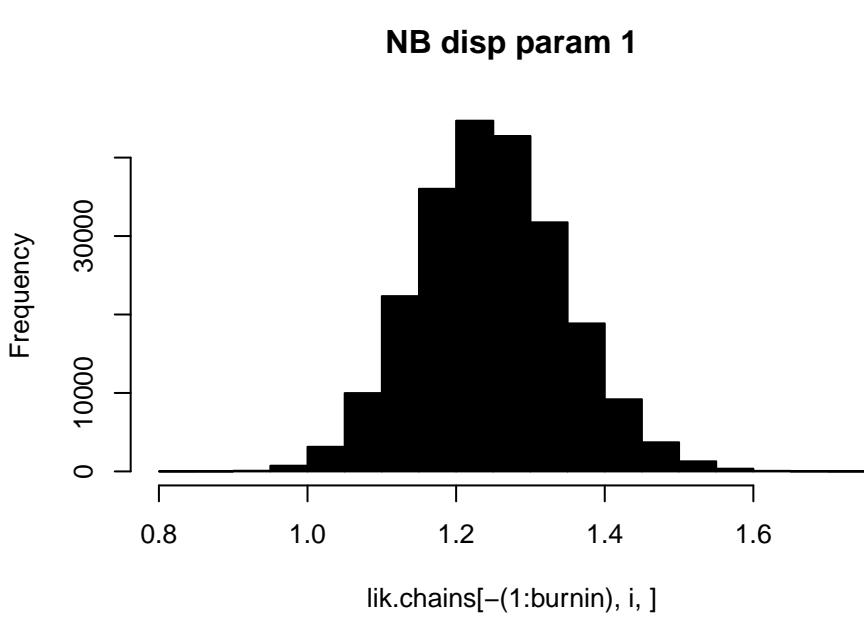
Frequency

60000
40000
20000
0

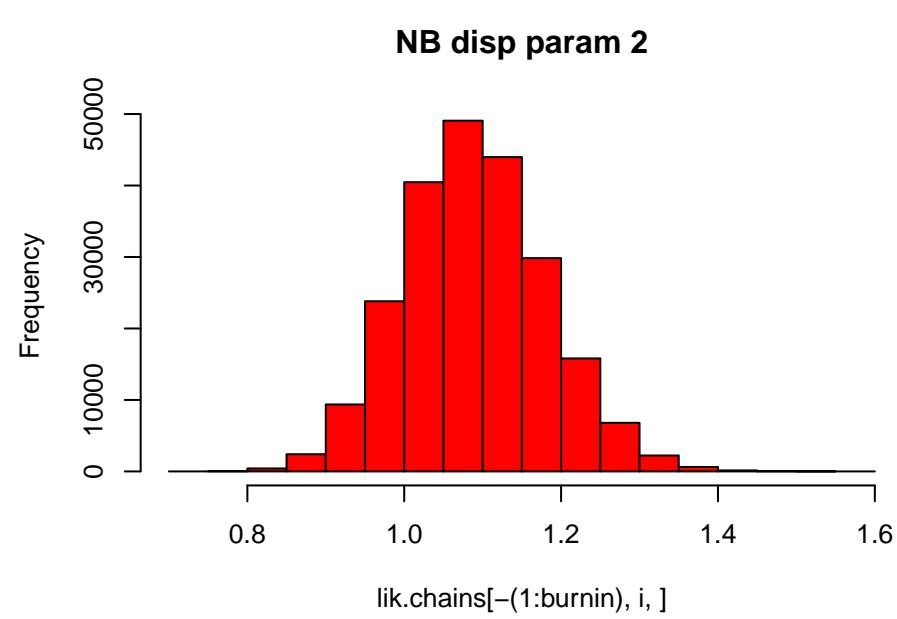
2.5 3.0 3.5 4.0 4.5 5.0

s2.chains[–(1:burnin), i,]

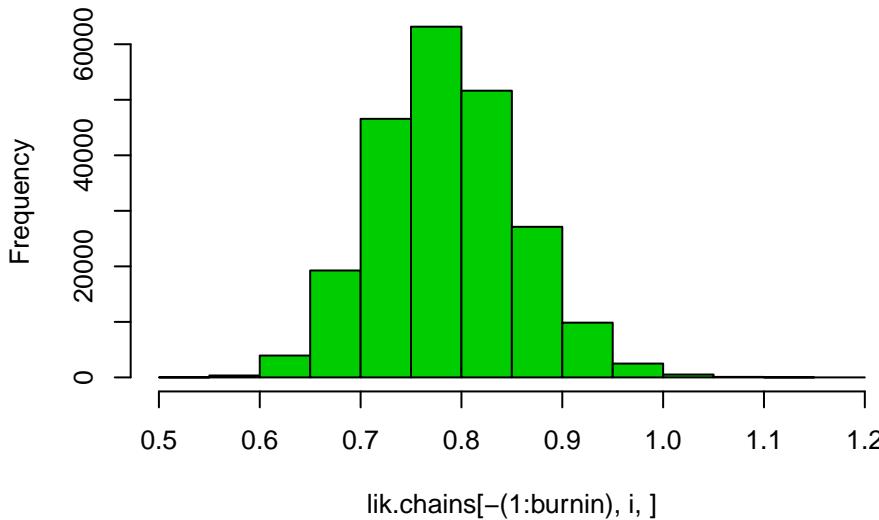
NB disp param 1



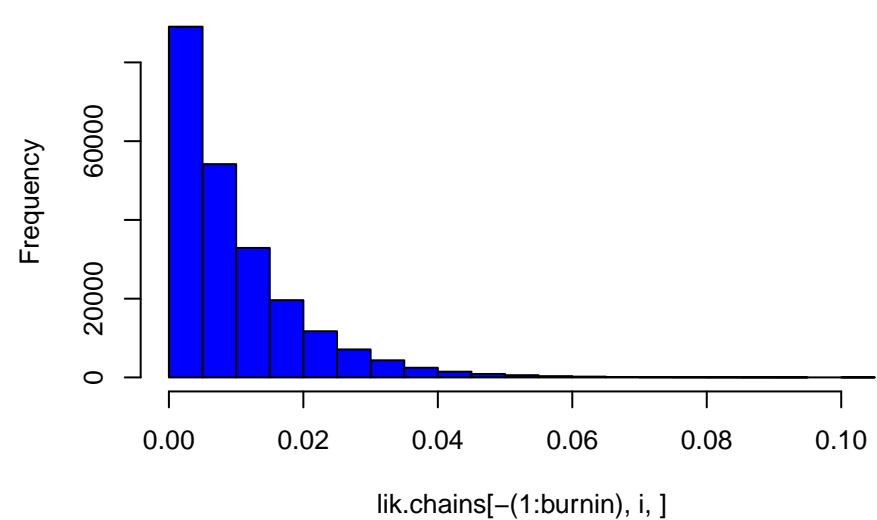
NB disp param 2



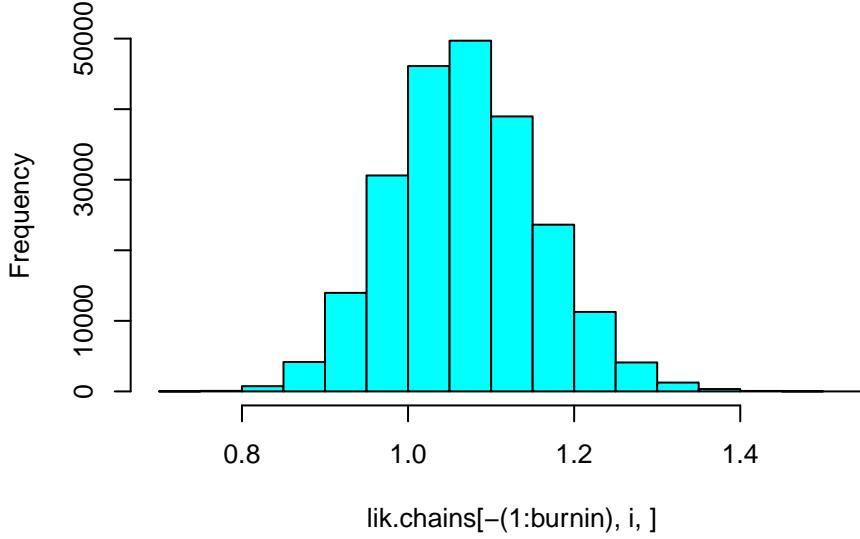
NB disp param 3



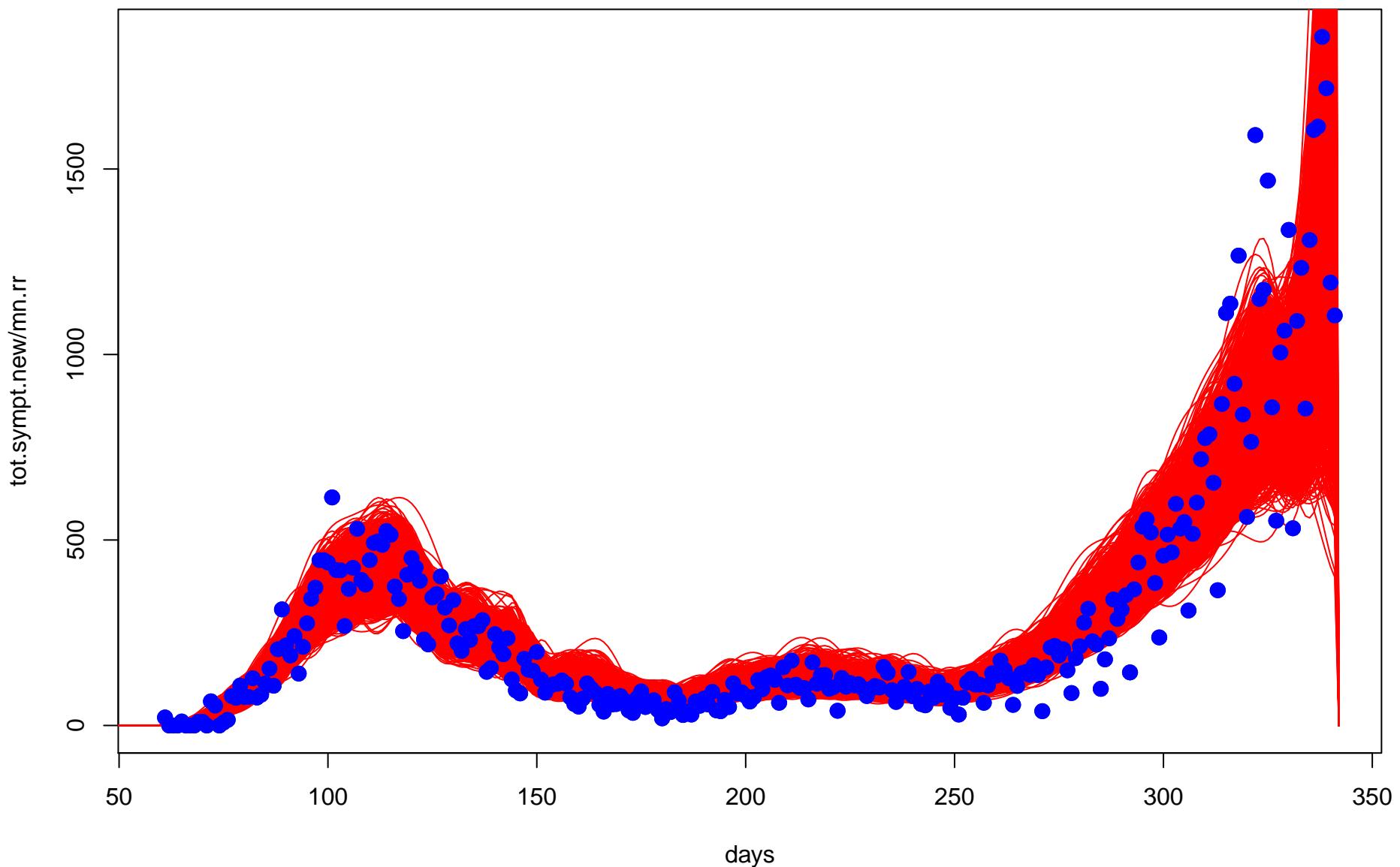
NB disp param 4



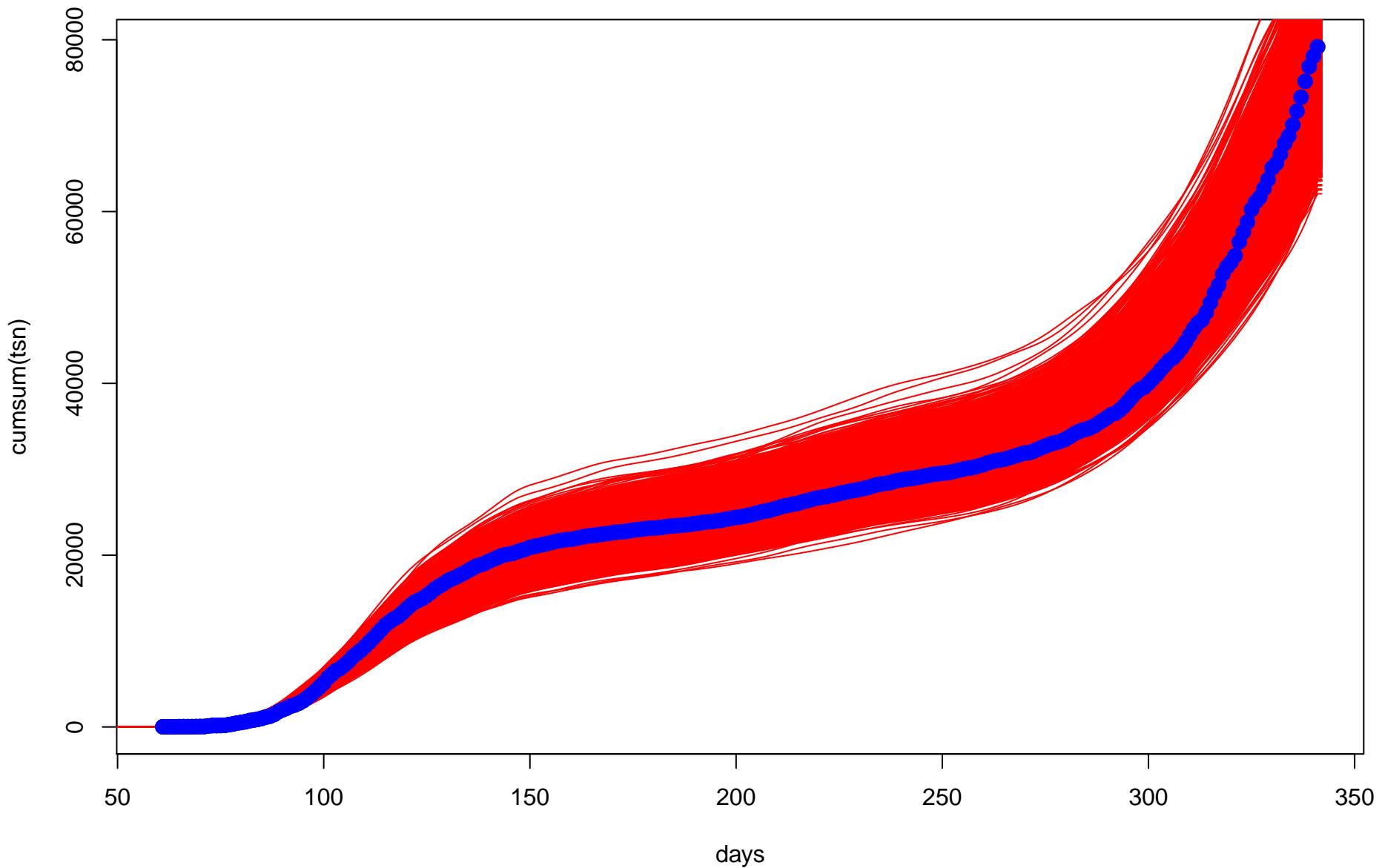
NB disp param 5



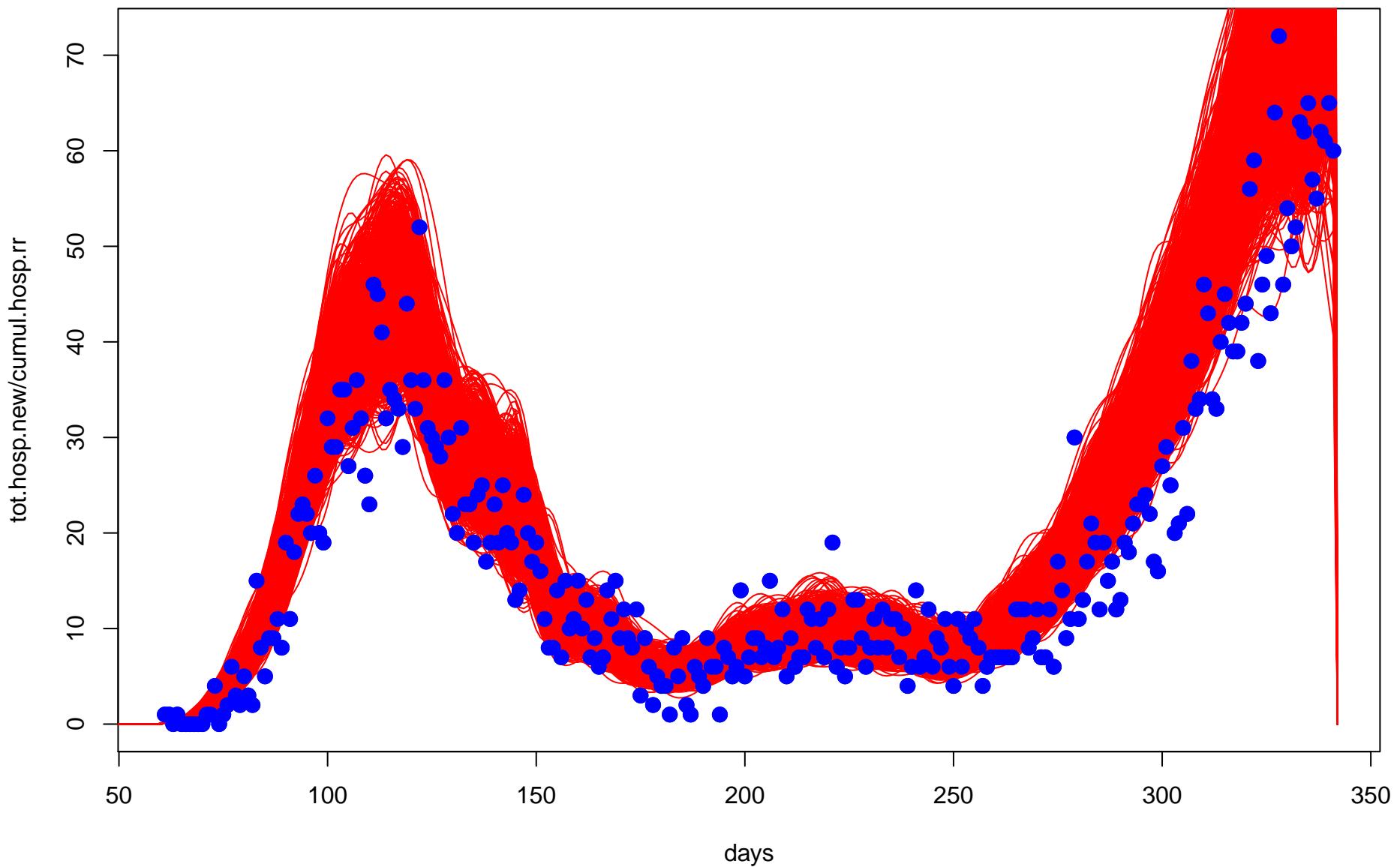
Daily Total New Reported Cases



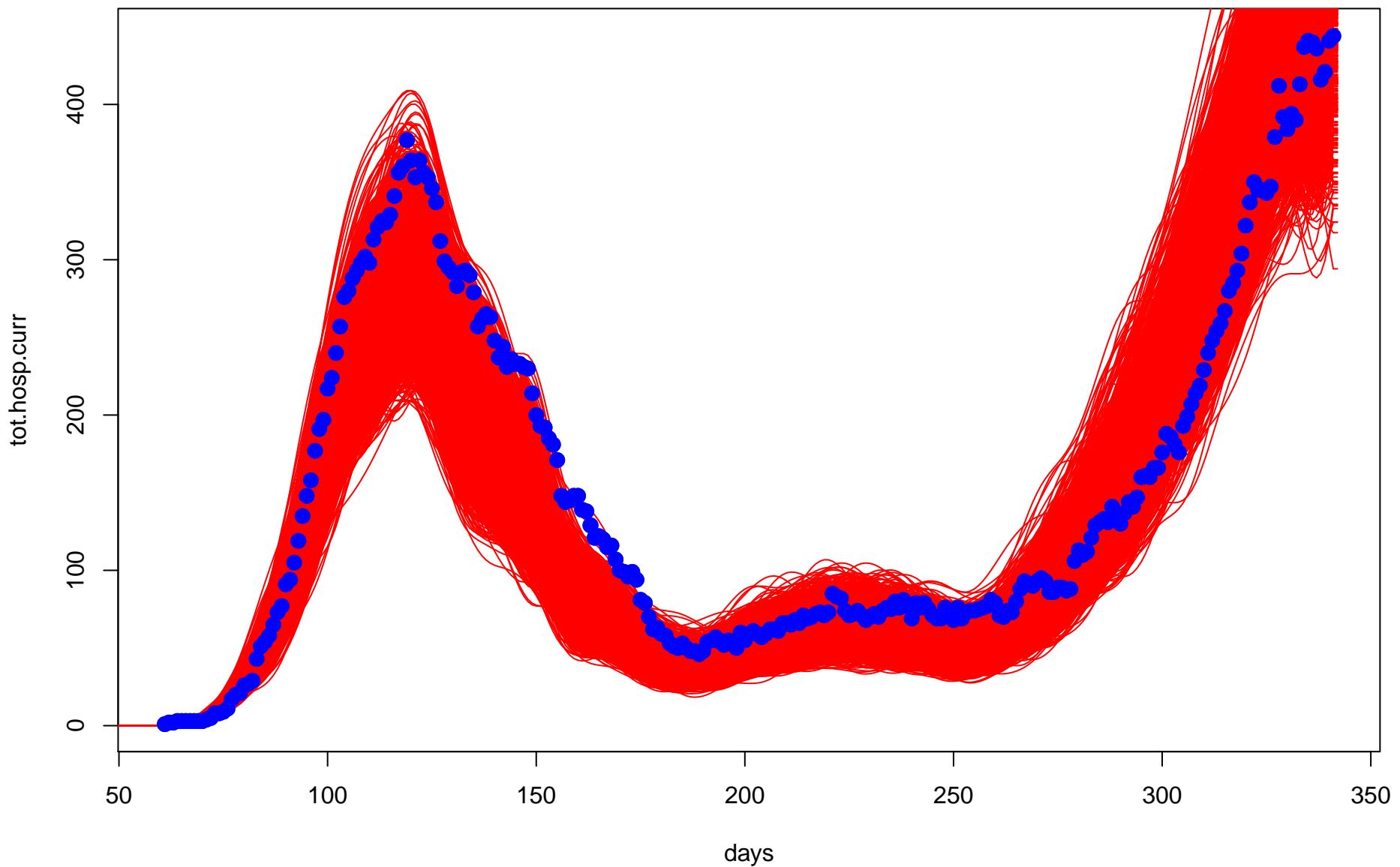
Cumulative Reported Cases



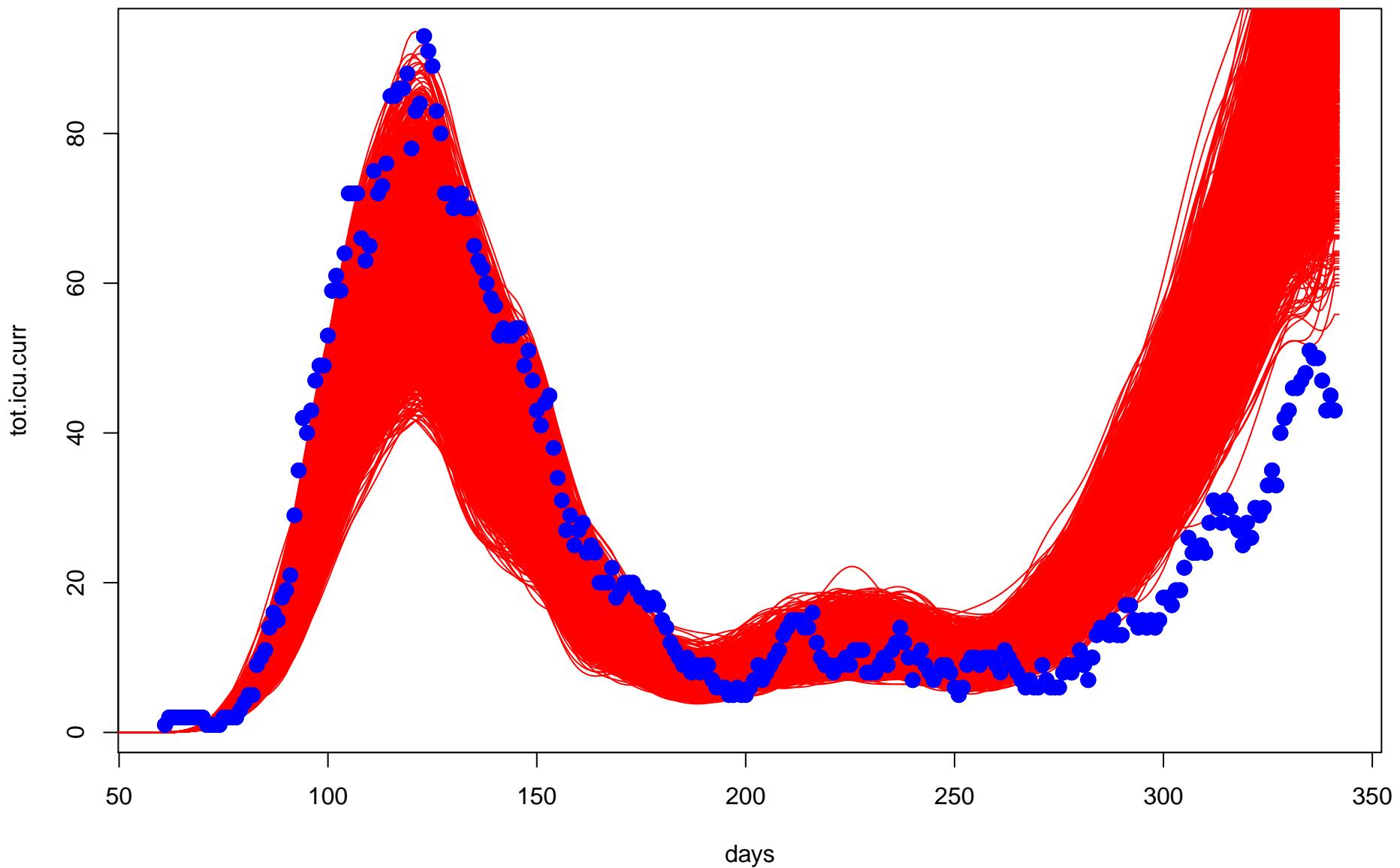
Daily Total New Hospitalized Cases



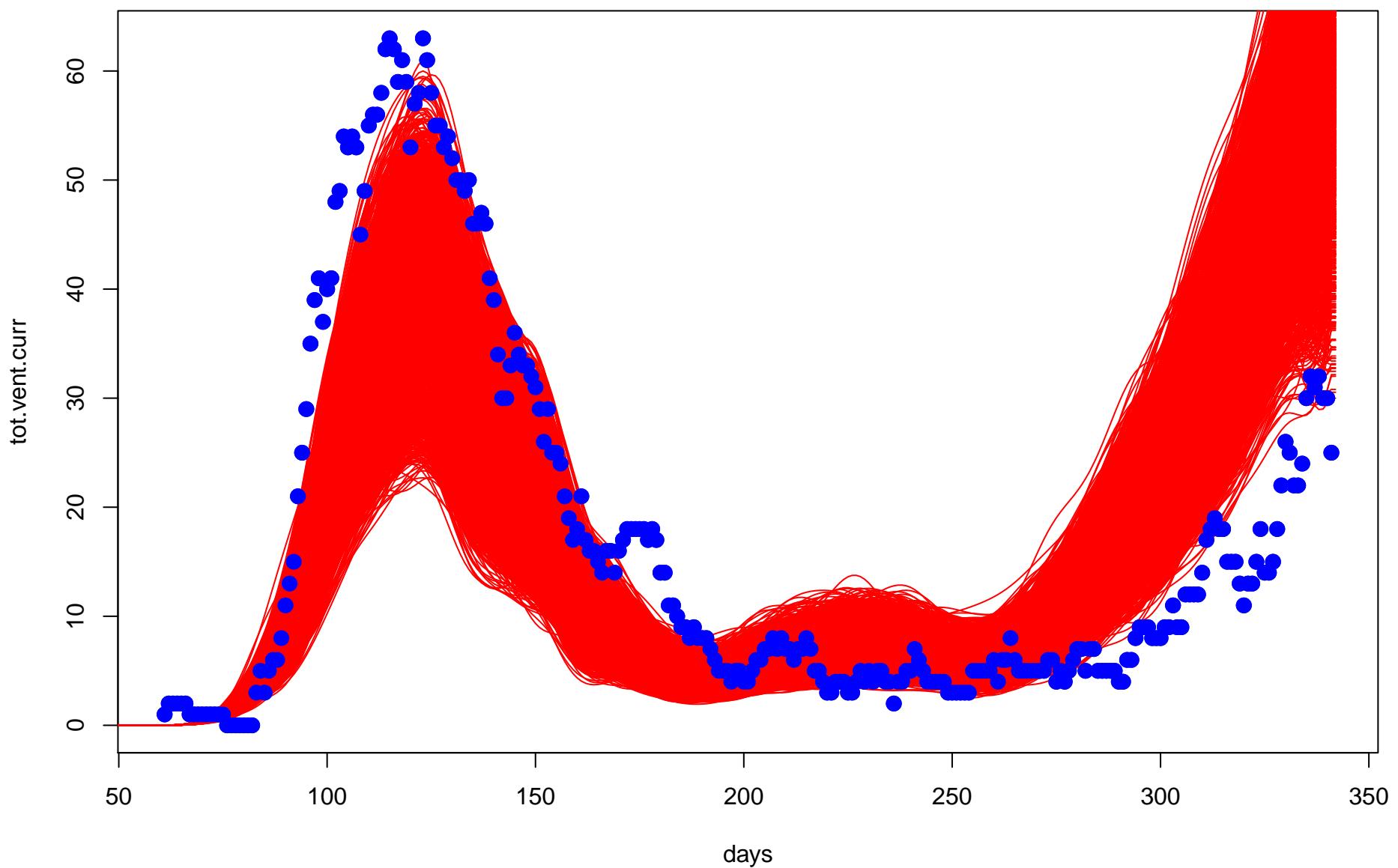
Daily Current Hospitalized Cases



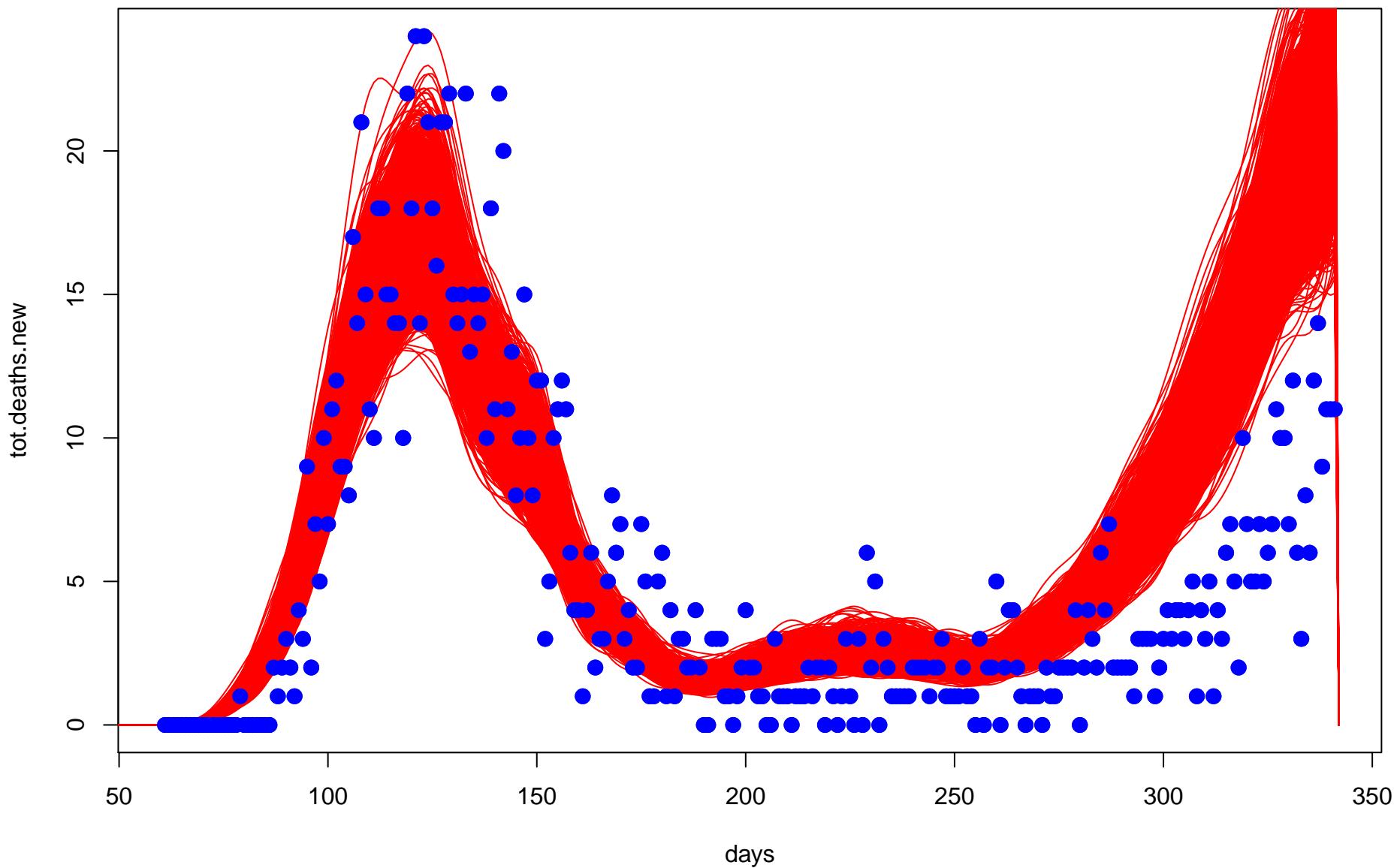
Daily Current ICU Cases



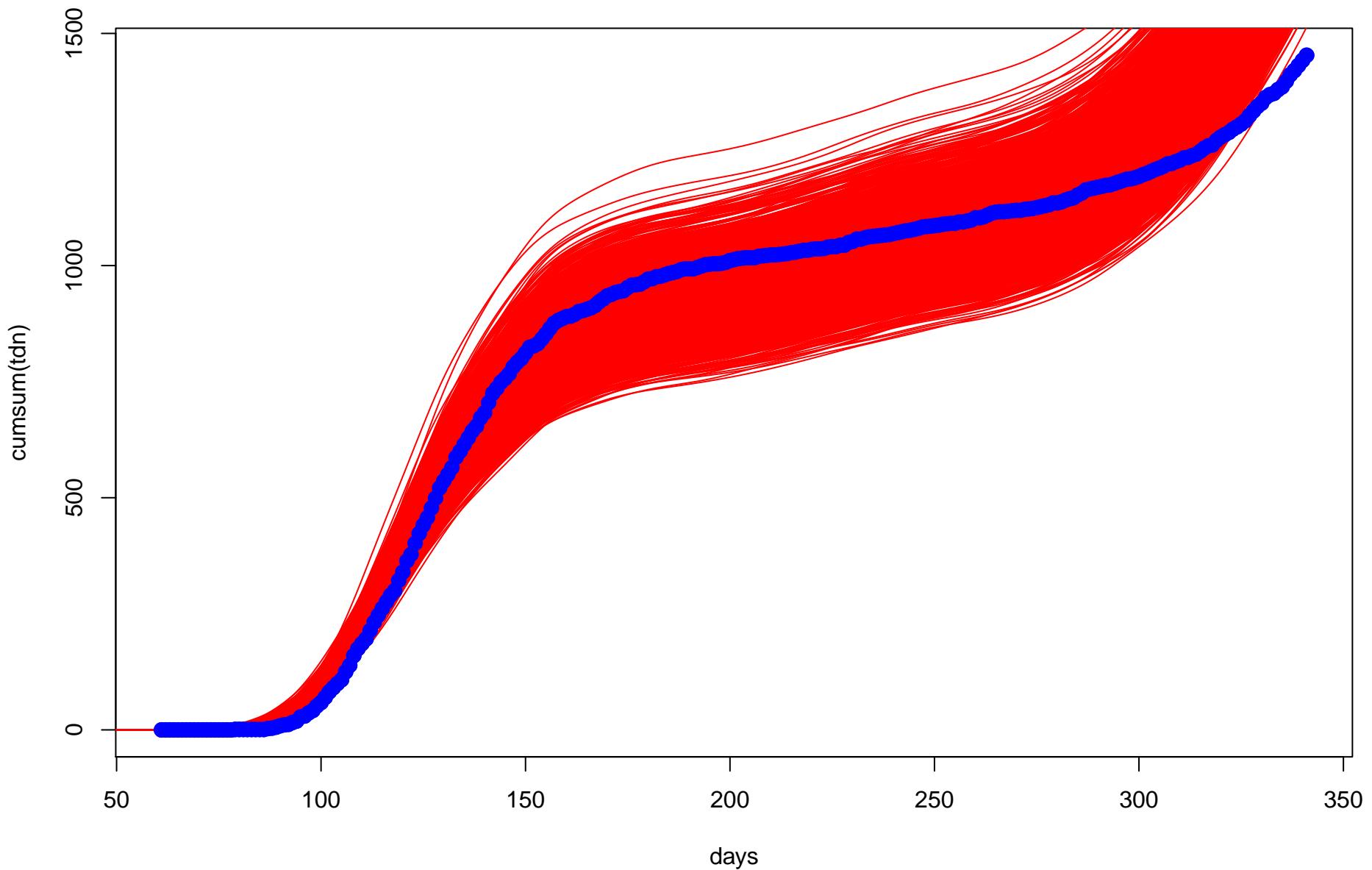
Daily Current Cases on Ventilator

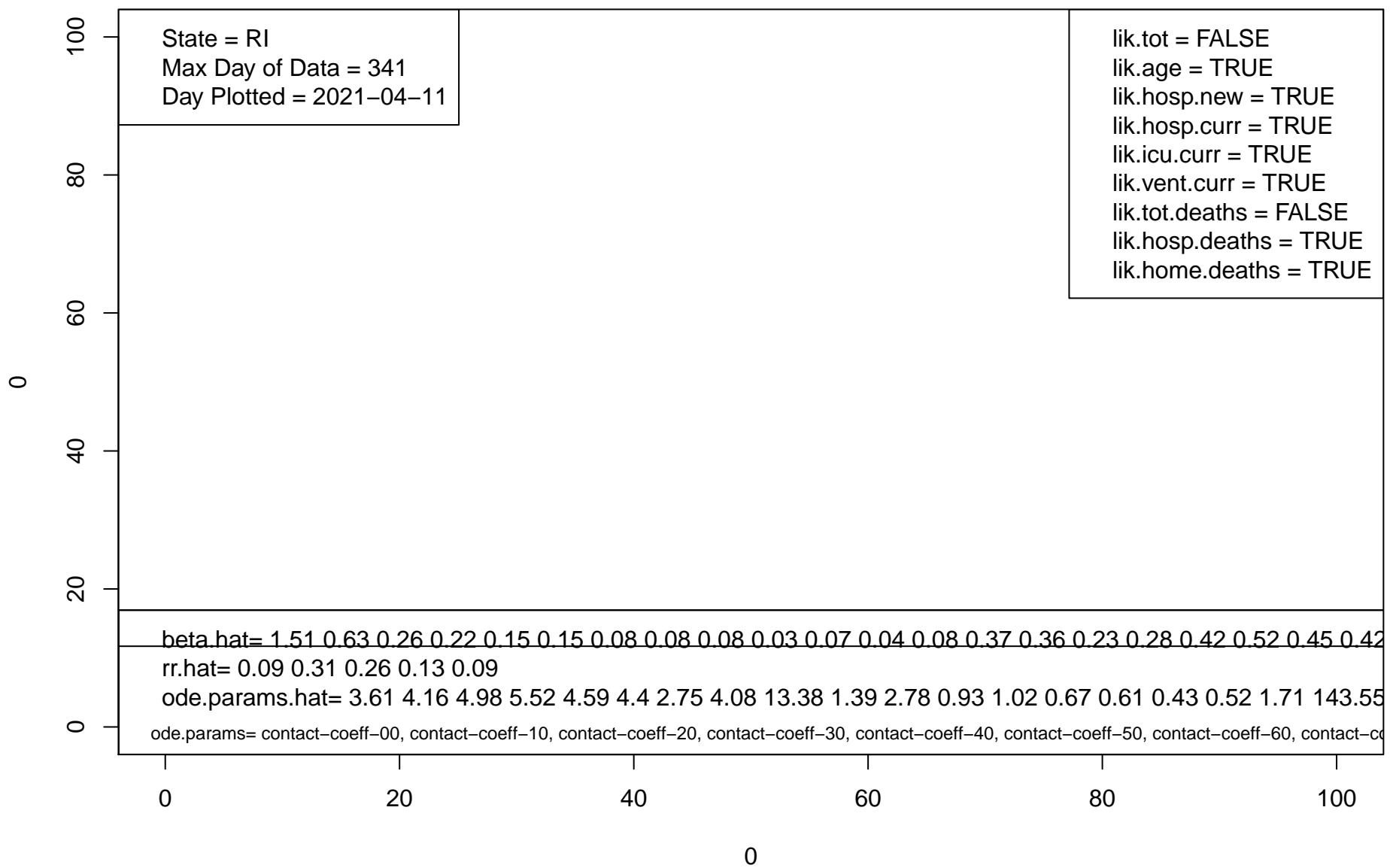


Daily Total New Deaths



Total Cumulative Deaths





Loglikelihood of MCMC iterations

