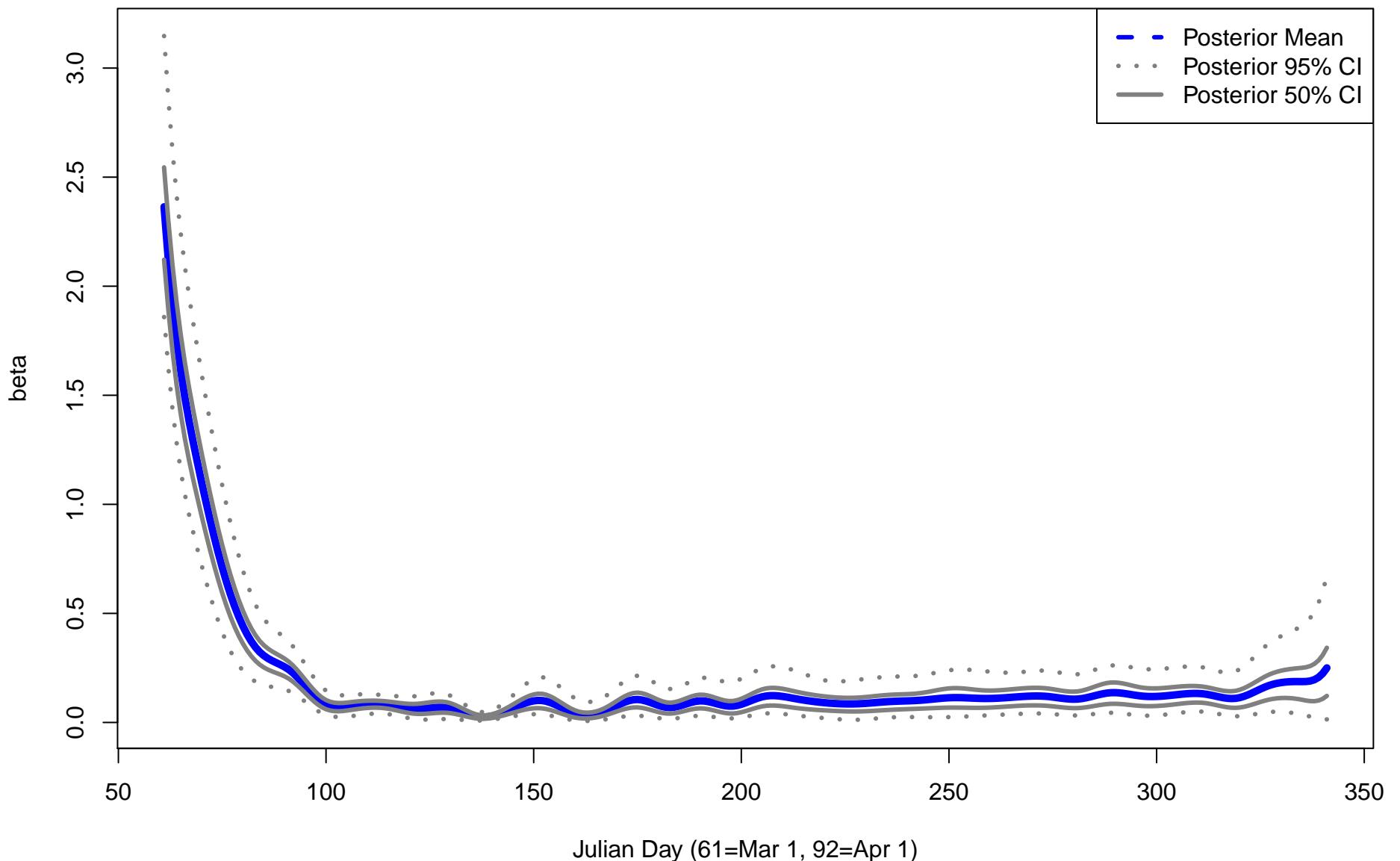
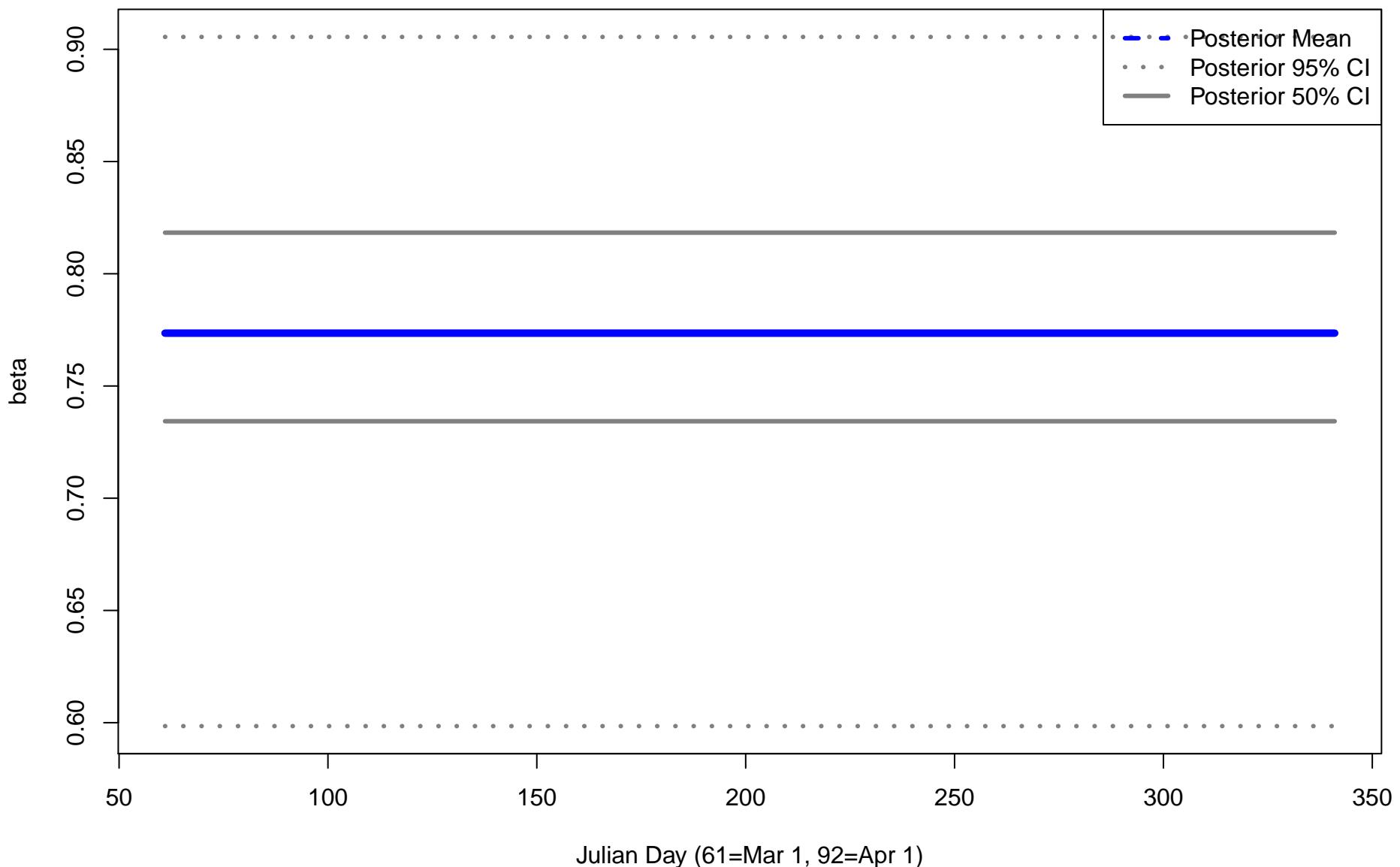
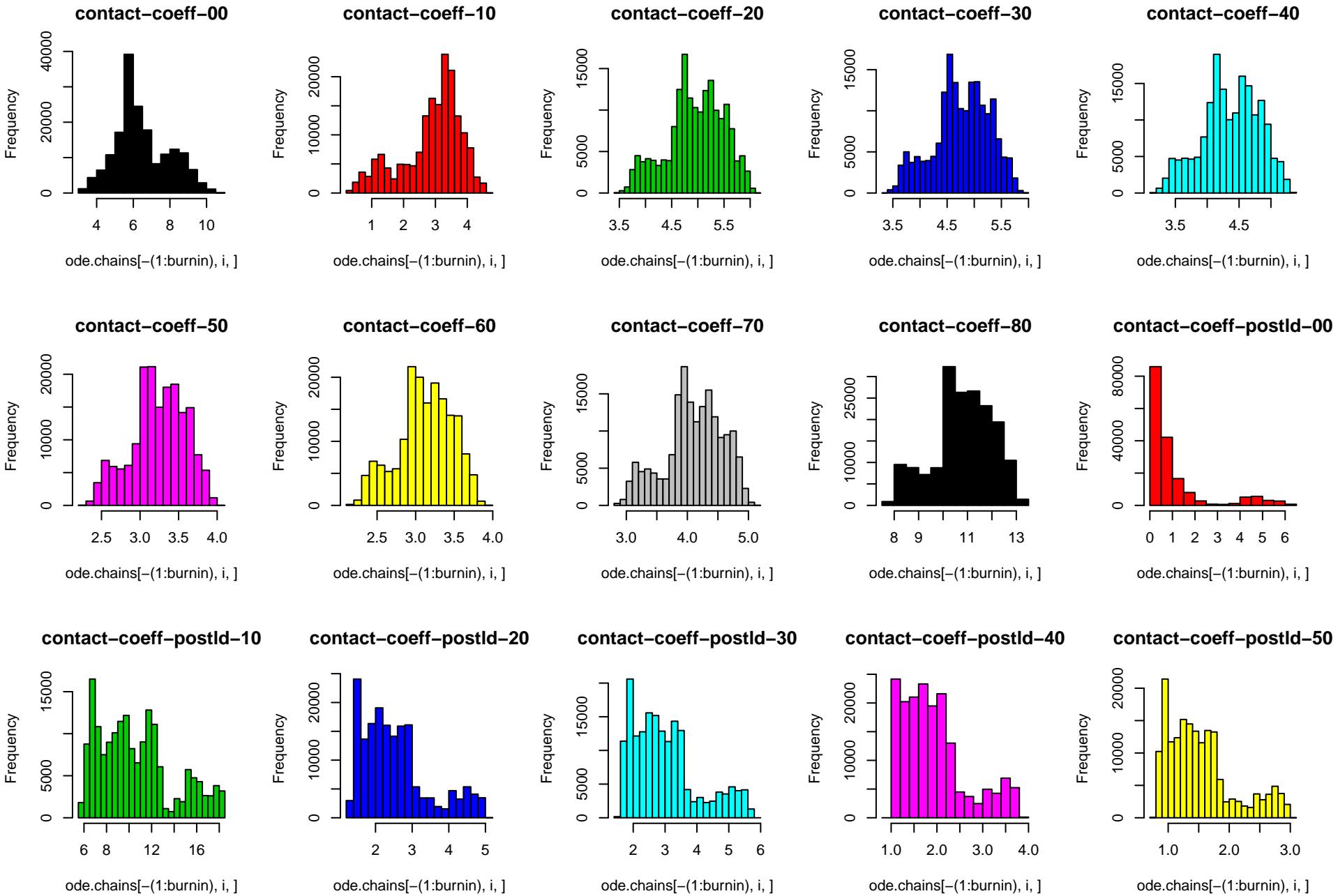


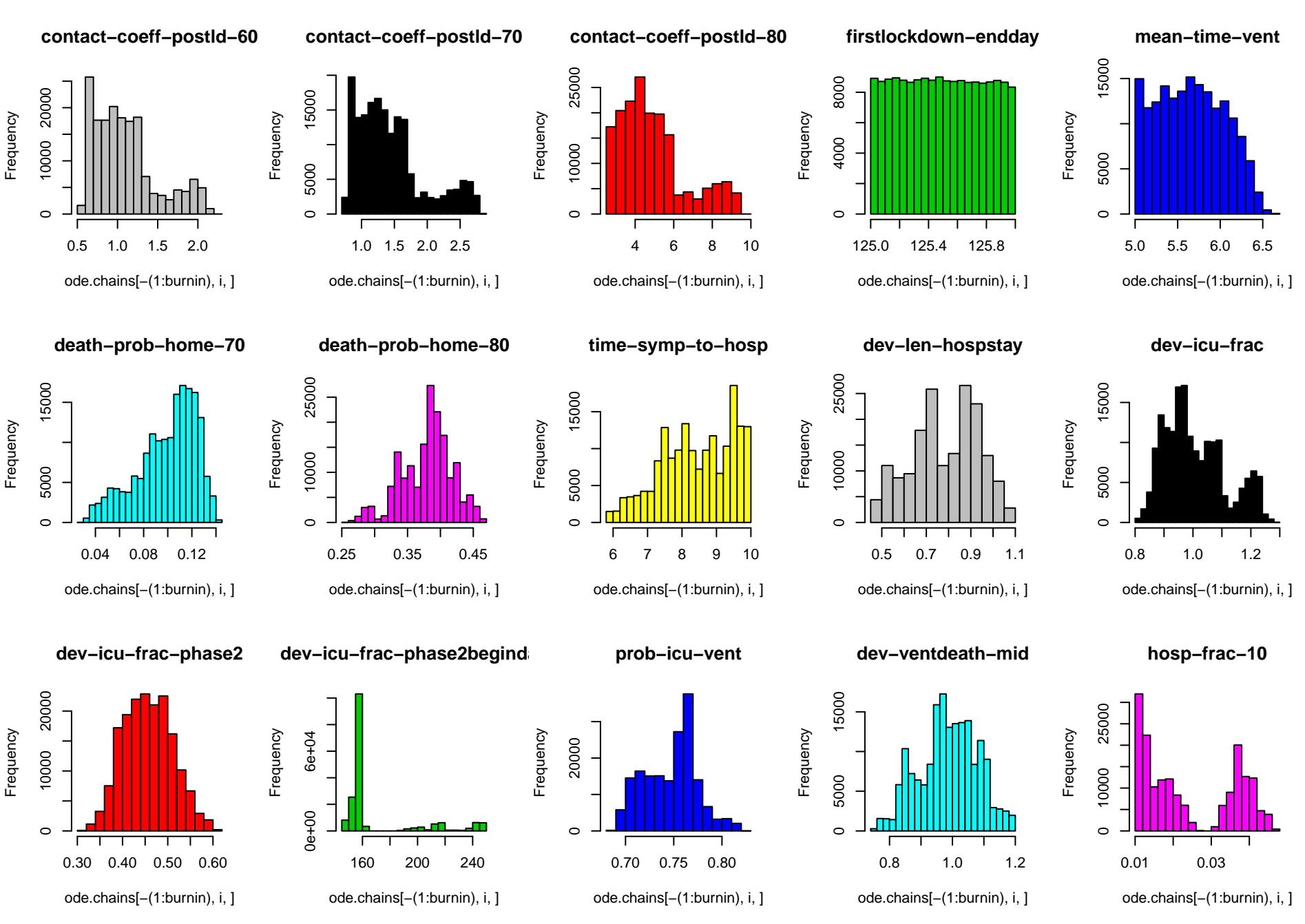
## Contact Rate Parameter Over Time

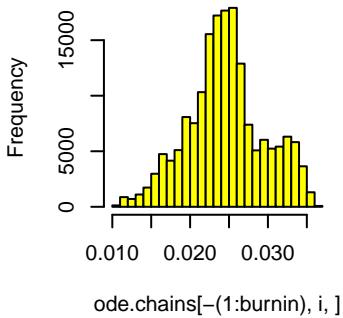
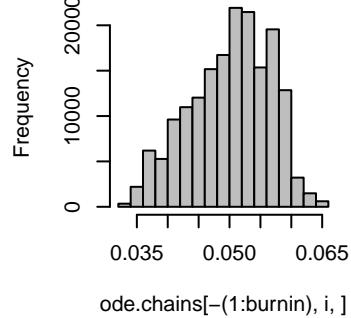
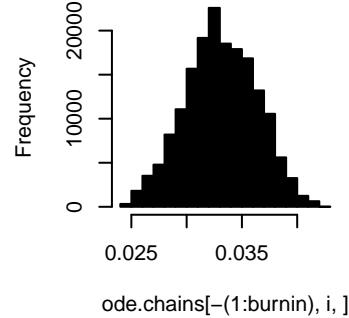
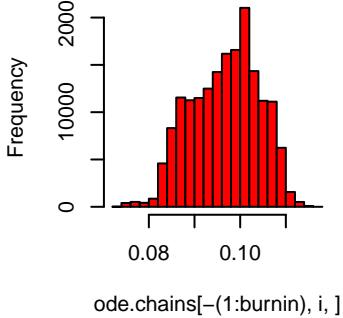
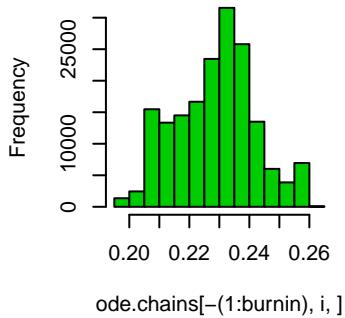
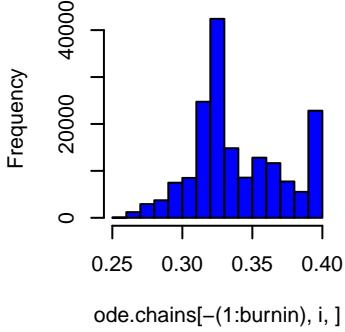
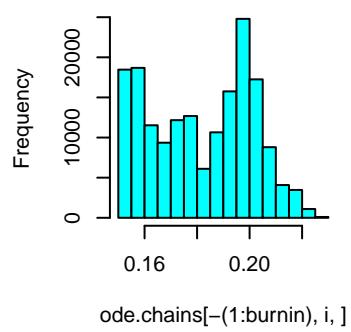


## Reporting Rate Over Time

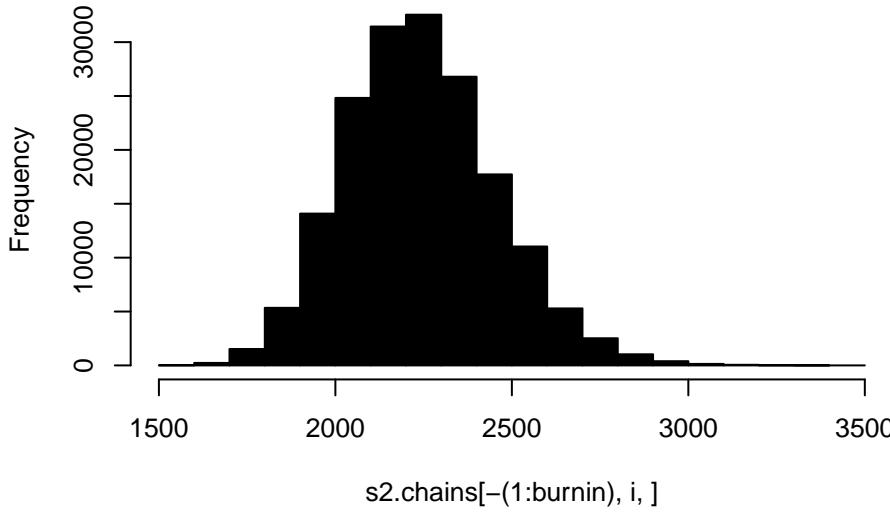




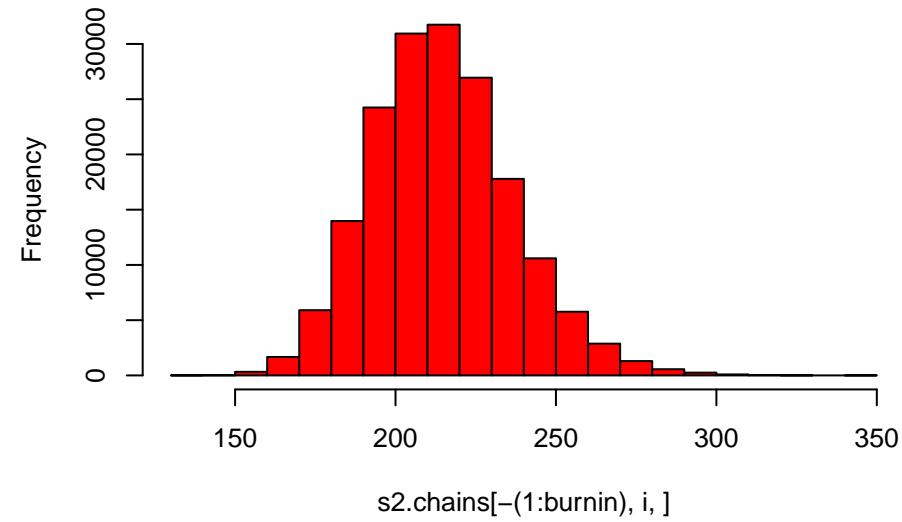


**hosp-frac-20****hosp-frac-30****hosp-frac-40****hosp-frac-50****hosp-frac-60****hosp-frac-70****hosp-frac-80**

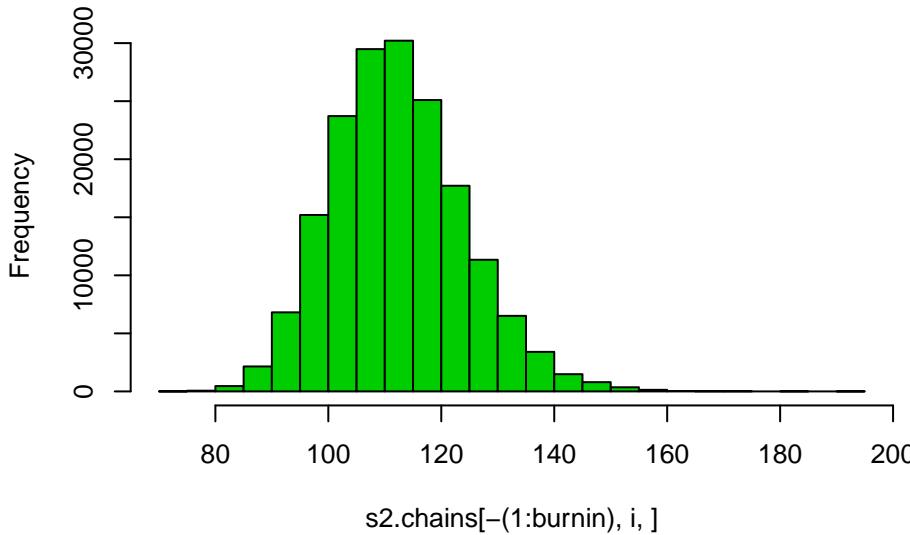
**variance param 1**



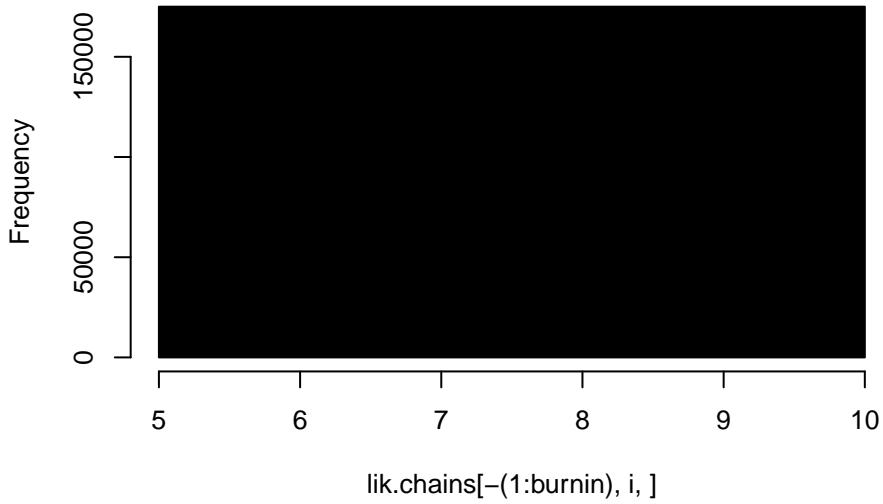
**variance param 2**



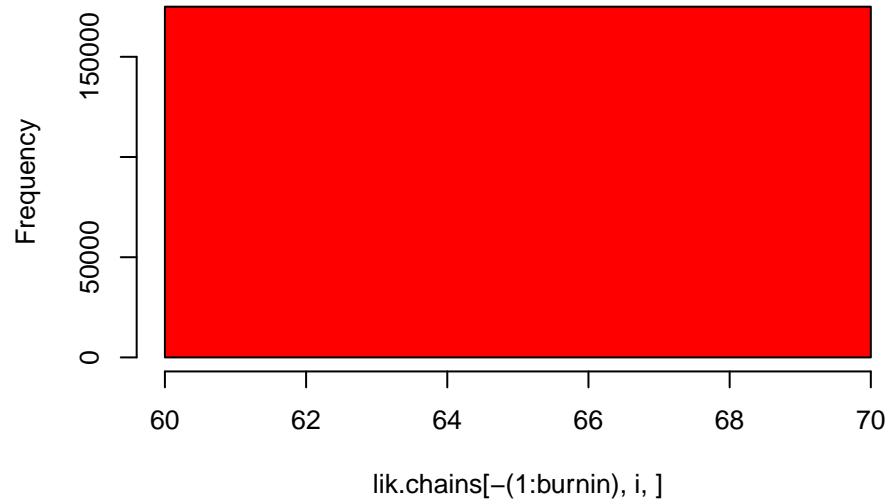
**variance param 3**



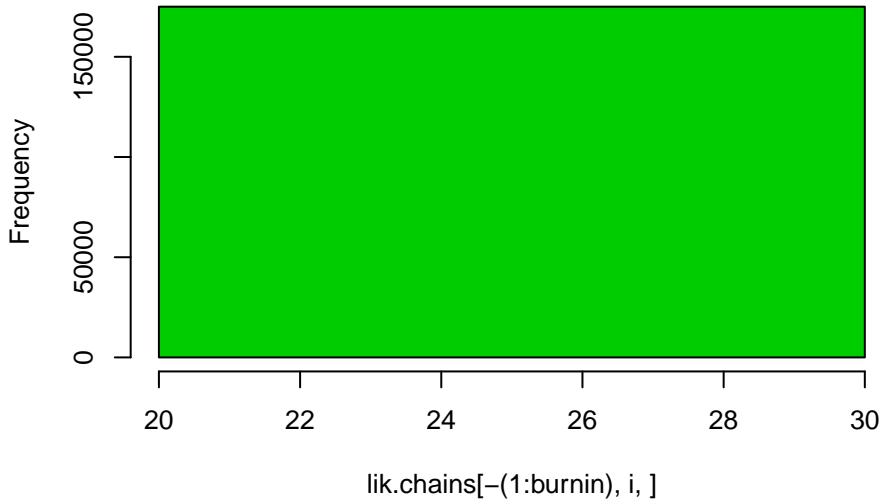
**NB disp param 1**



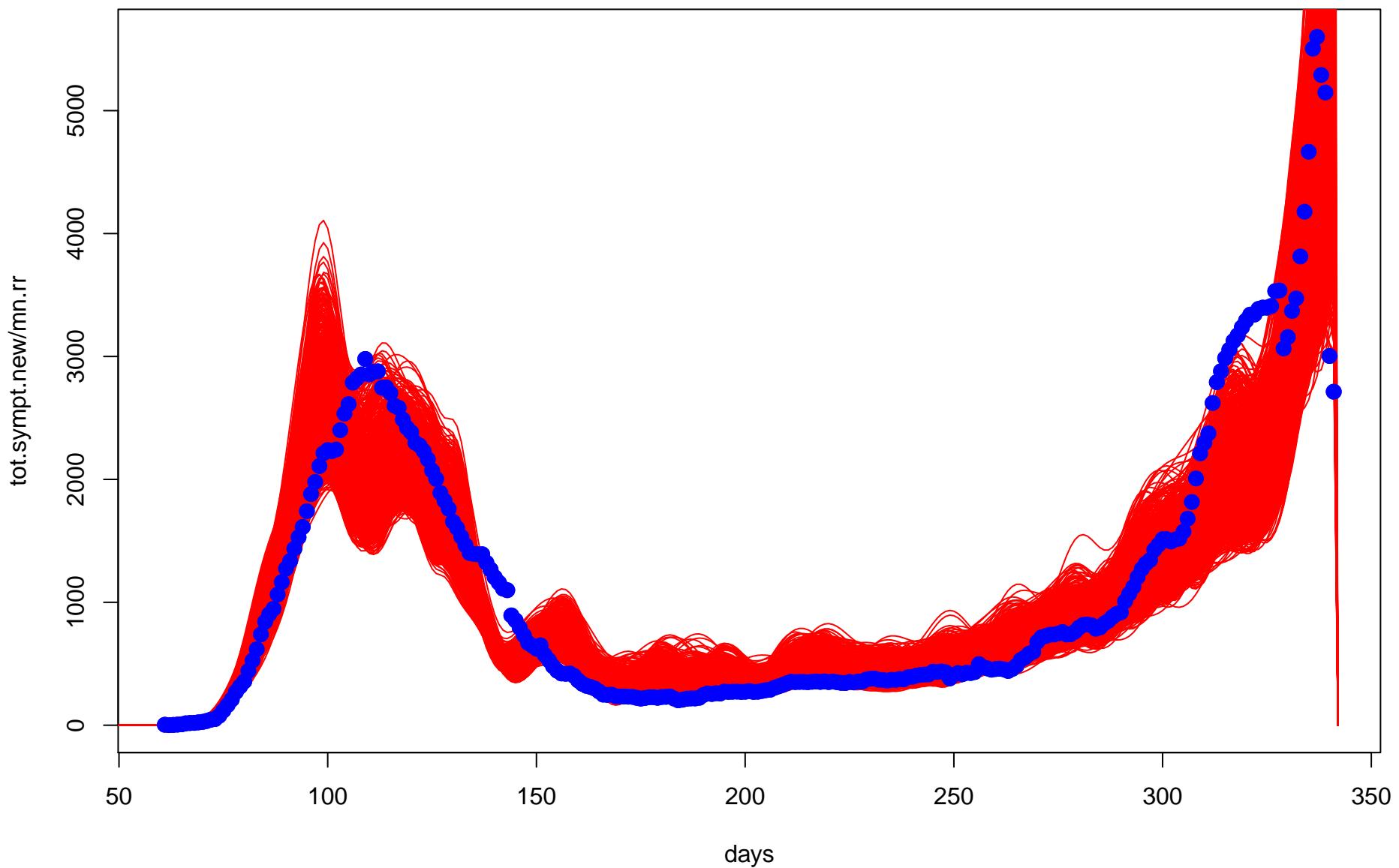
**NB disp param 2**



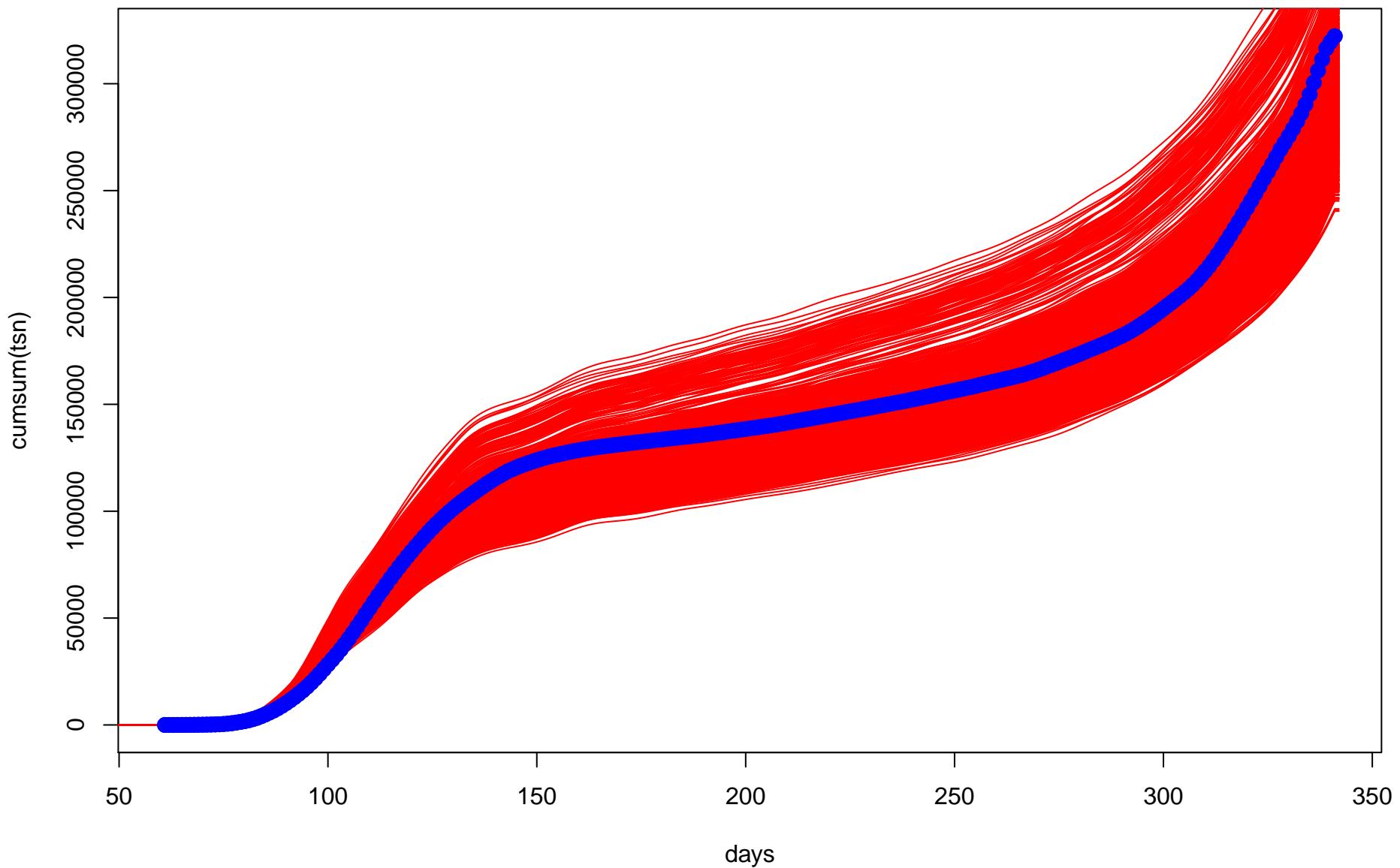
**NB disp param 3**



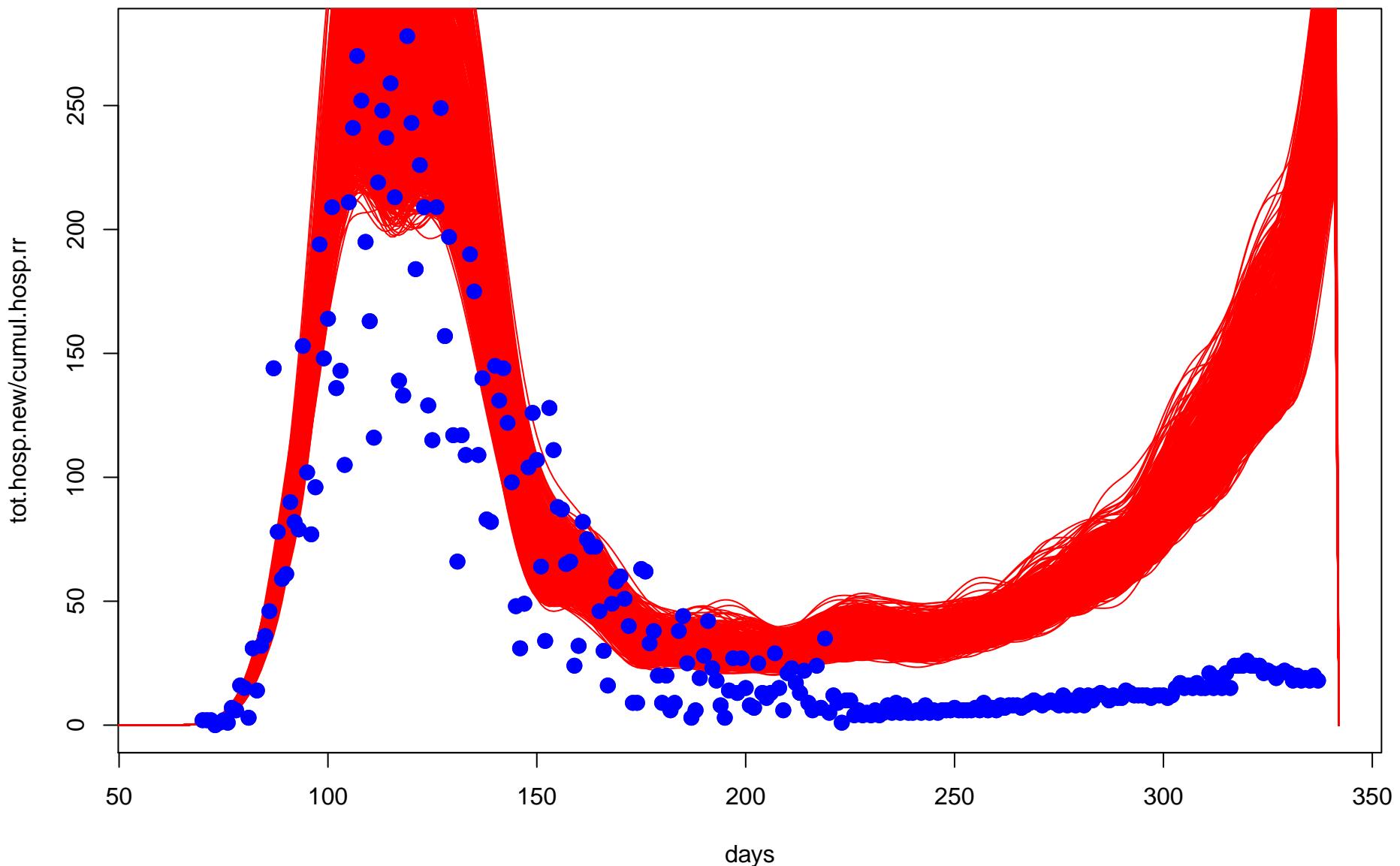
## Daily Total New Reported Cases



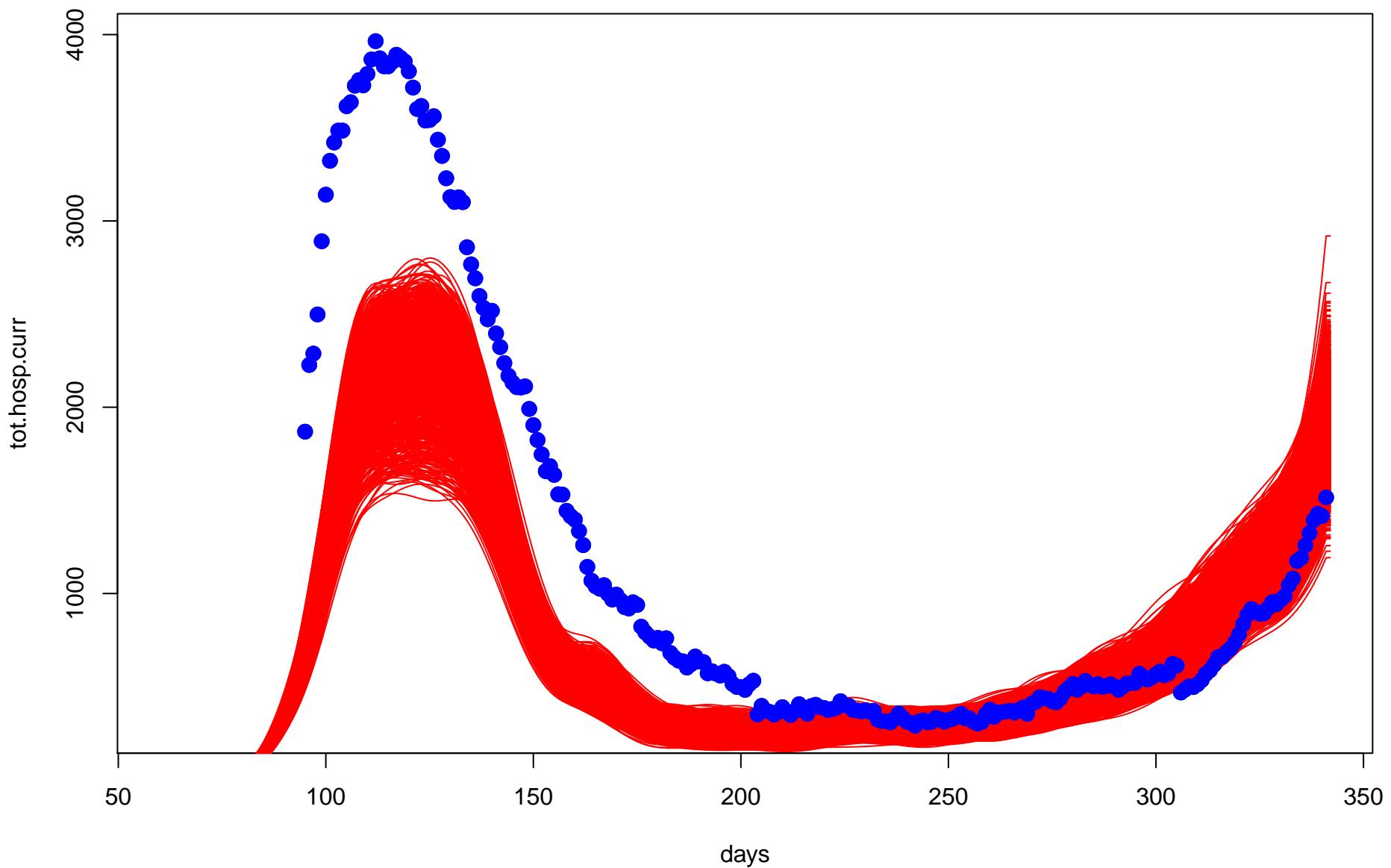
## Cumulative Reported Cases



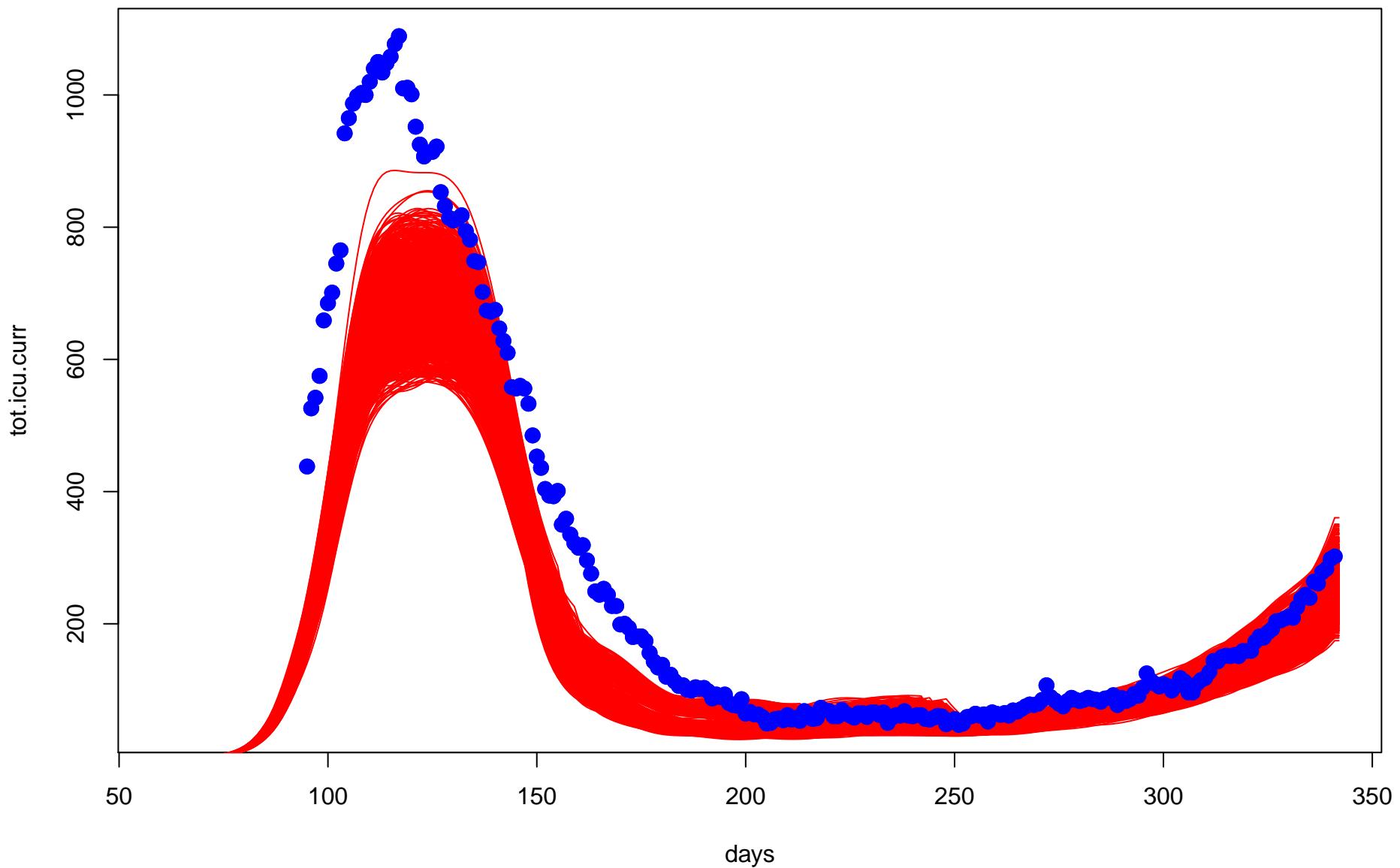
## Daily Total New Hospitalized Cases



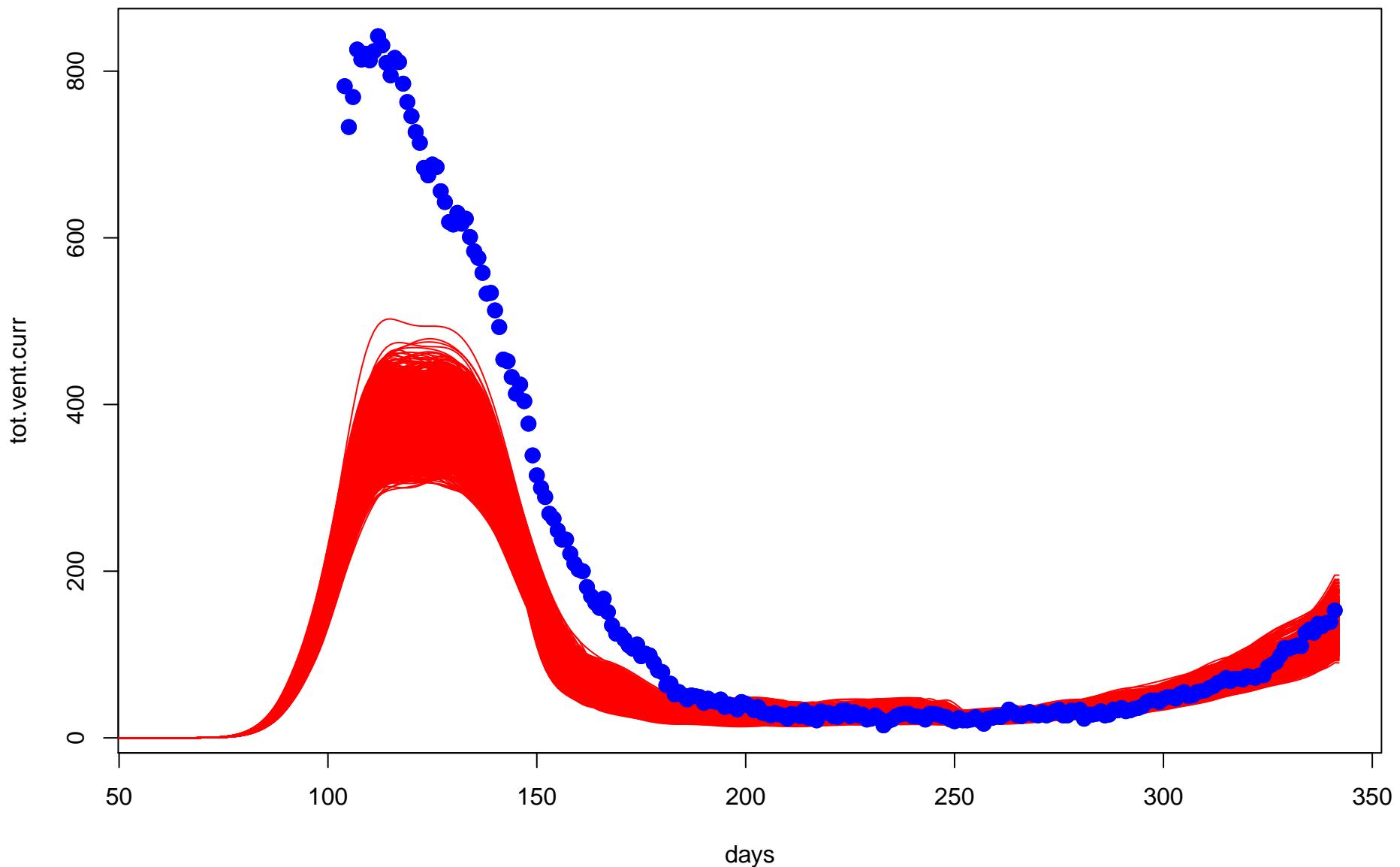
## Daily Current Hospitalized Cases



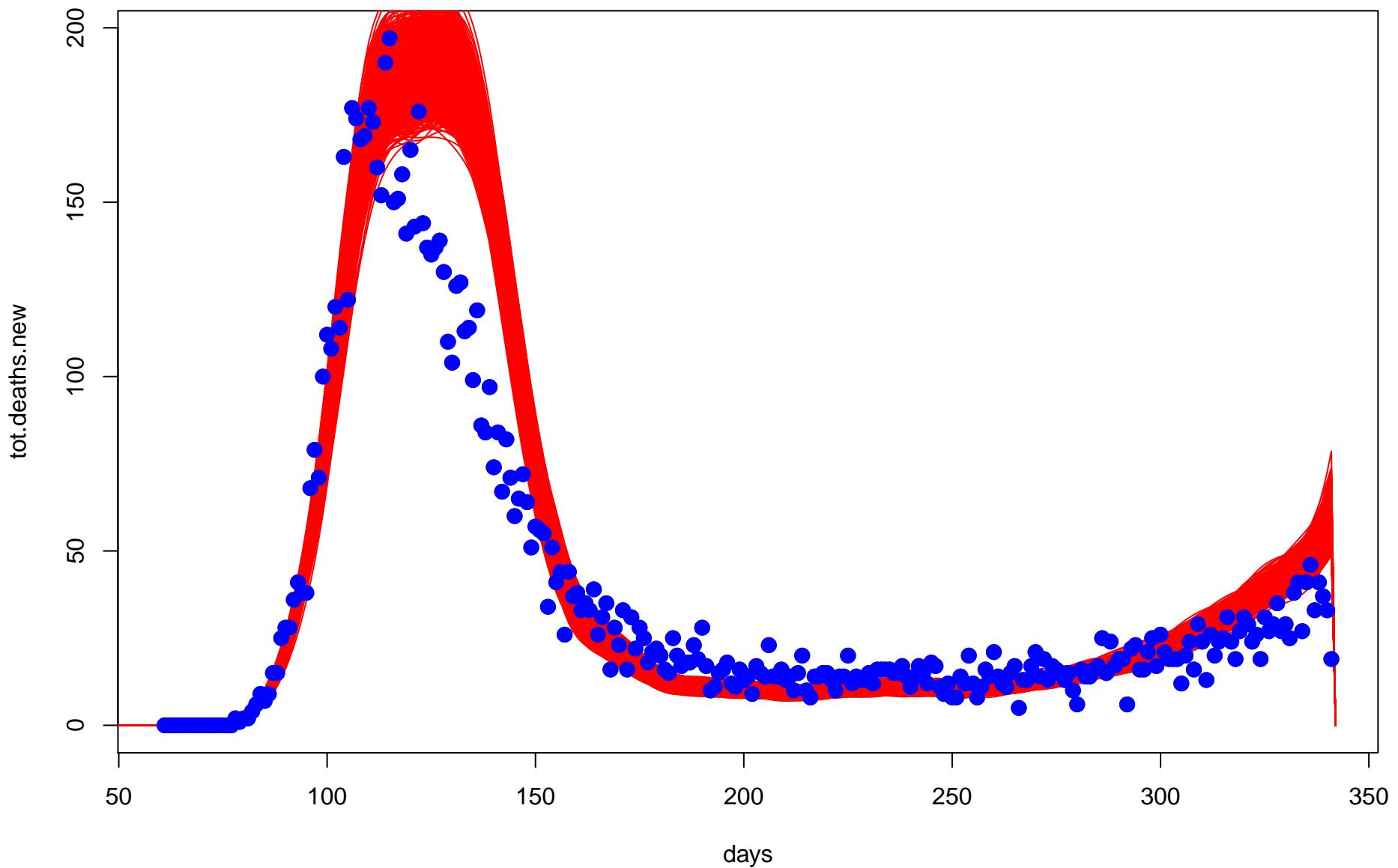
## Daily Current ICU Cases



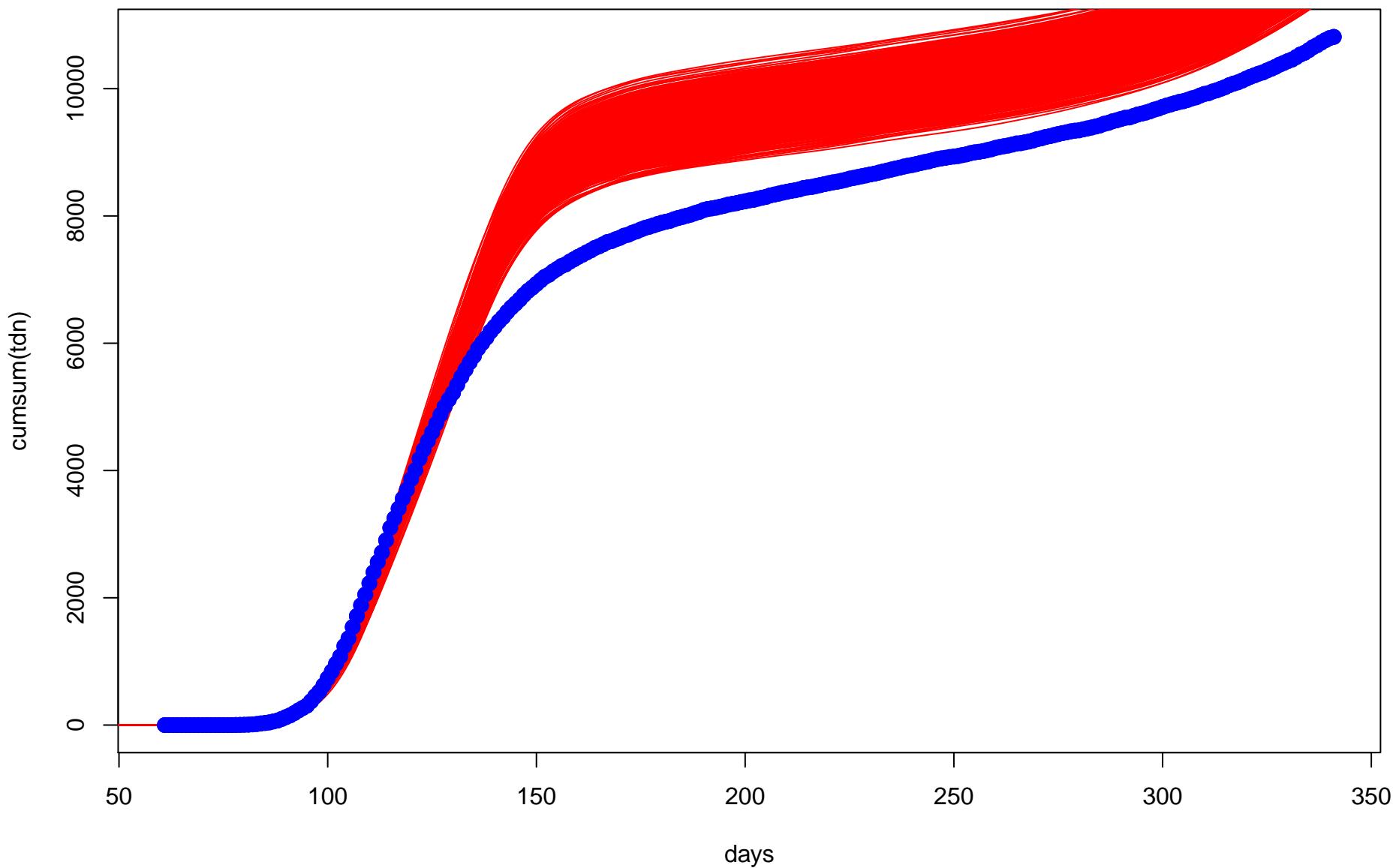
## Daily Current Cases on Ventilator

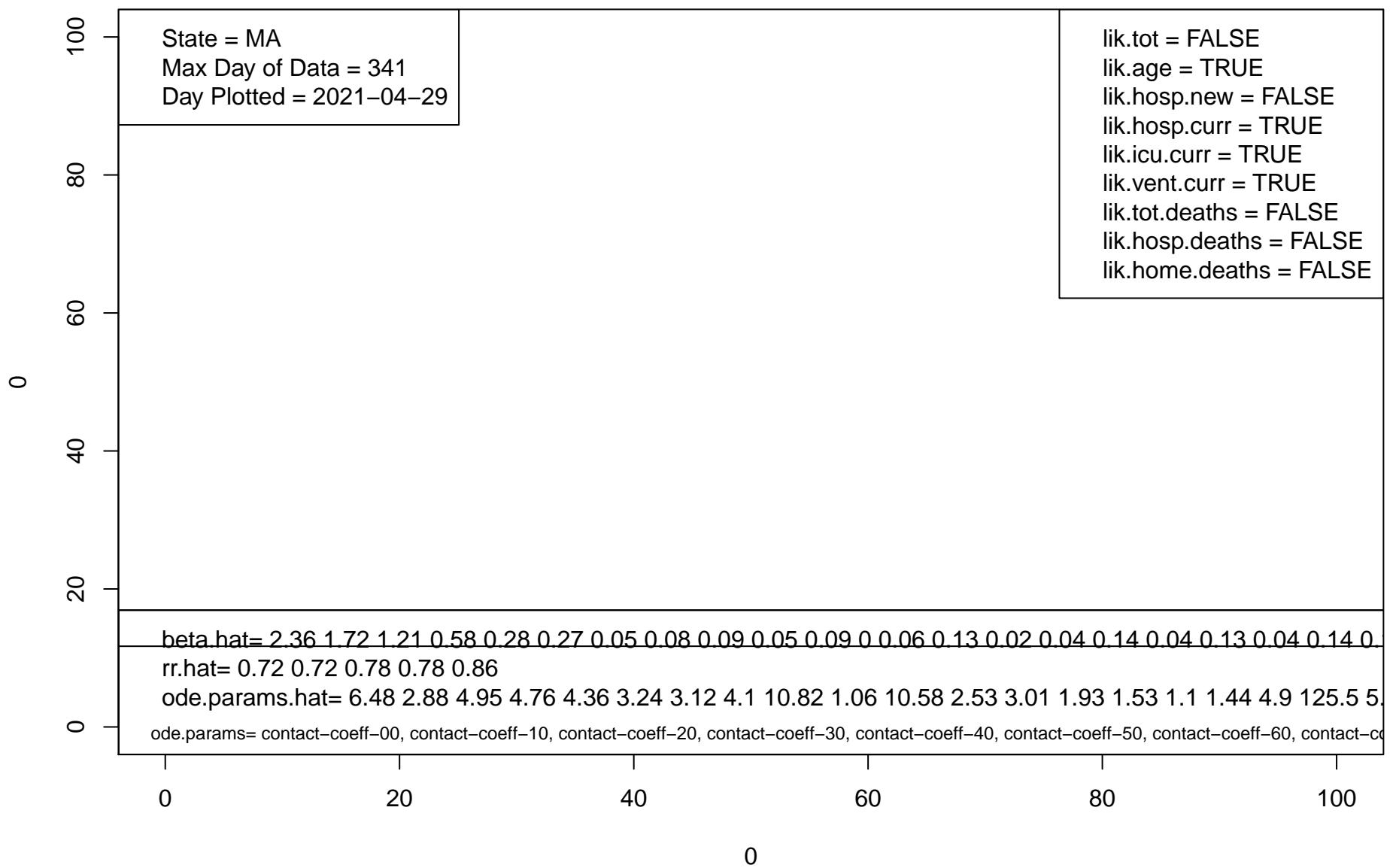


## Daily Total New Deaths



## Total Cumulative Deaths





## Loglikelihood of MCMC iterations

