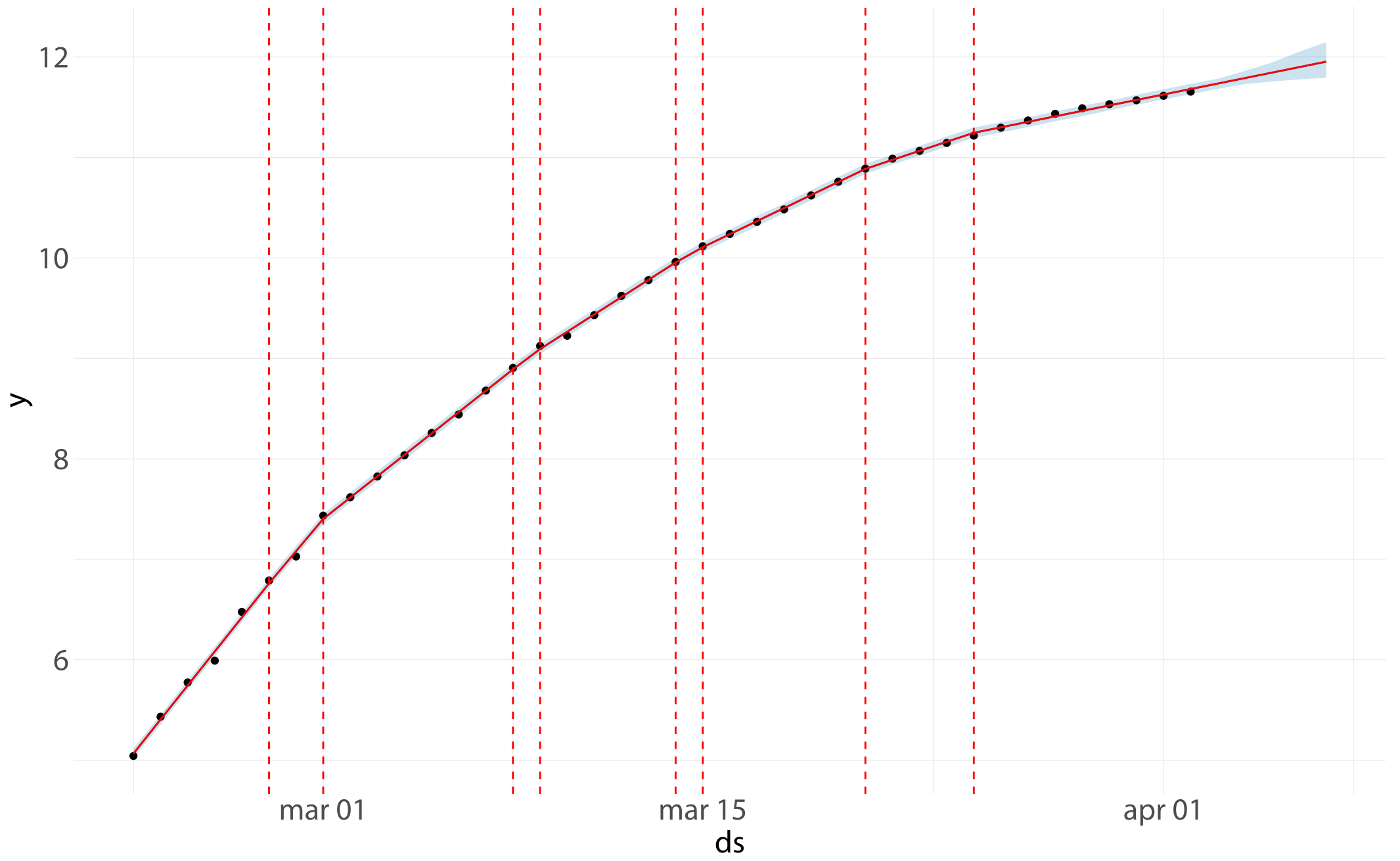
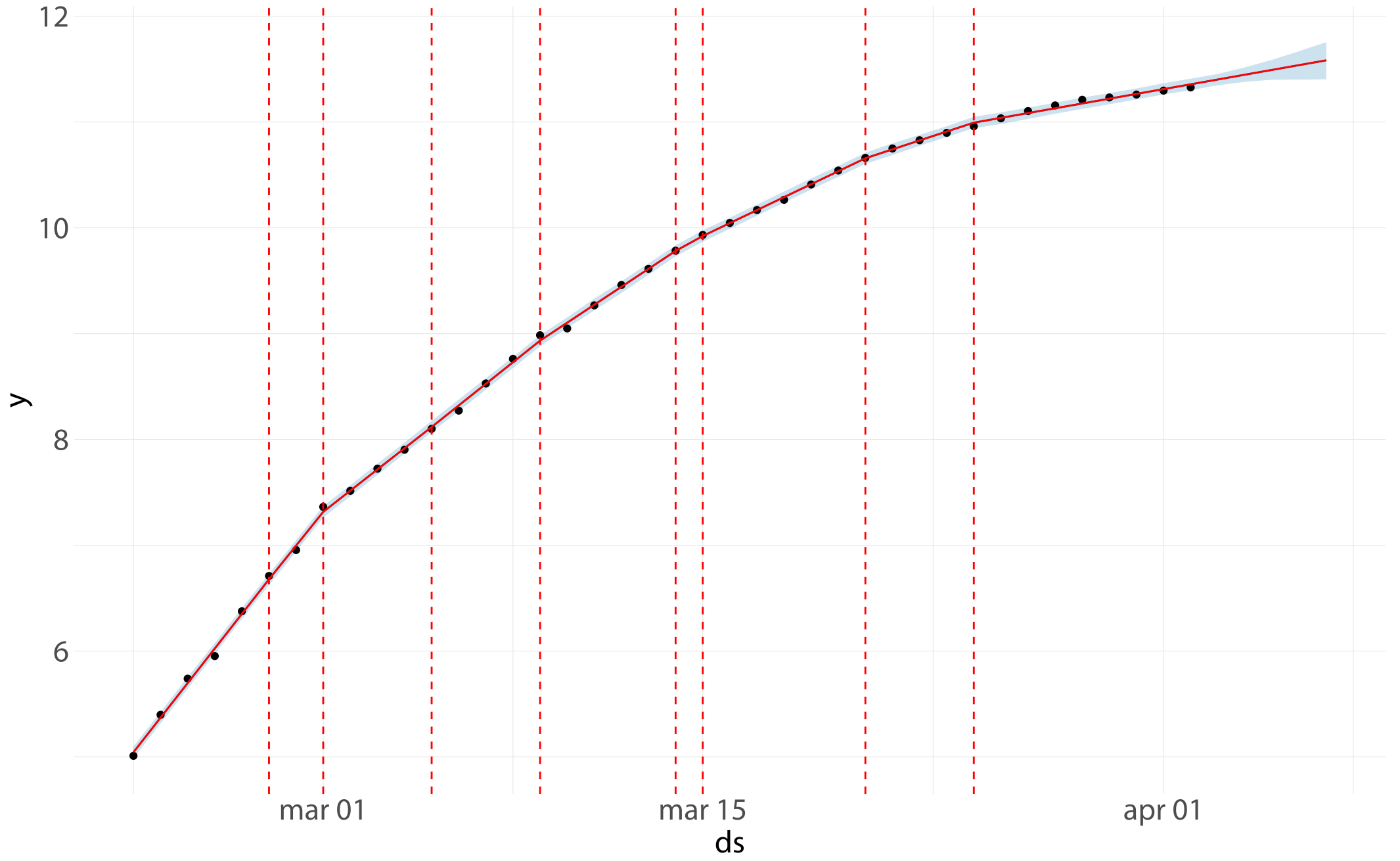


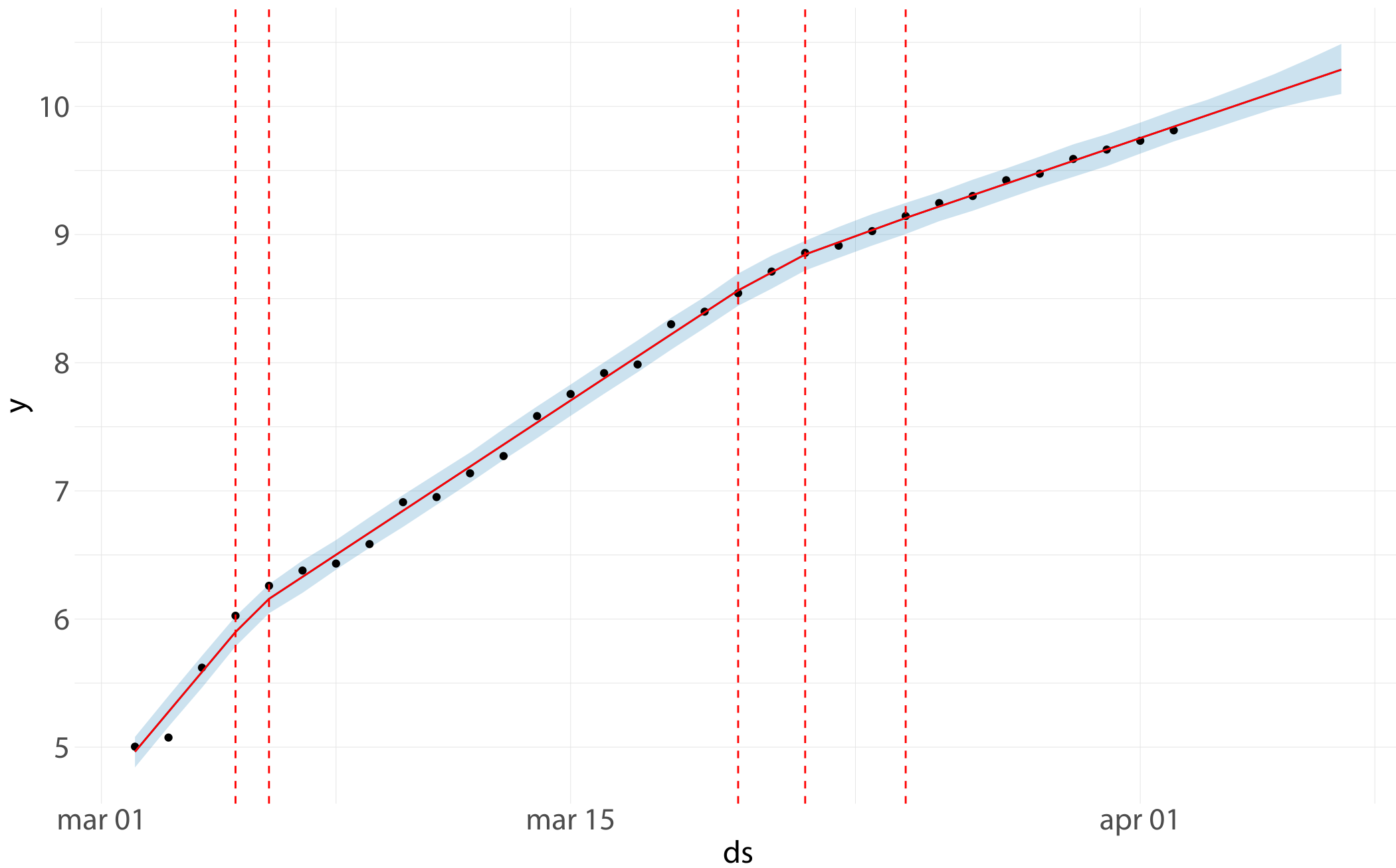
confirmed



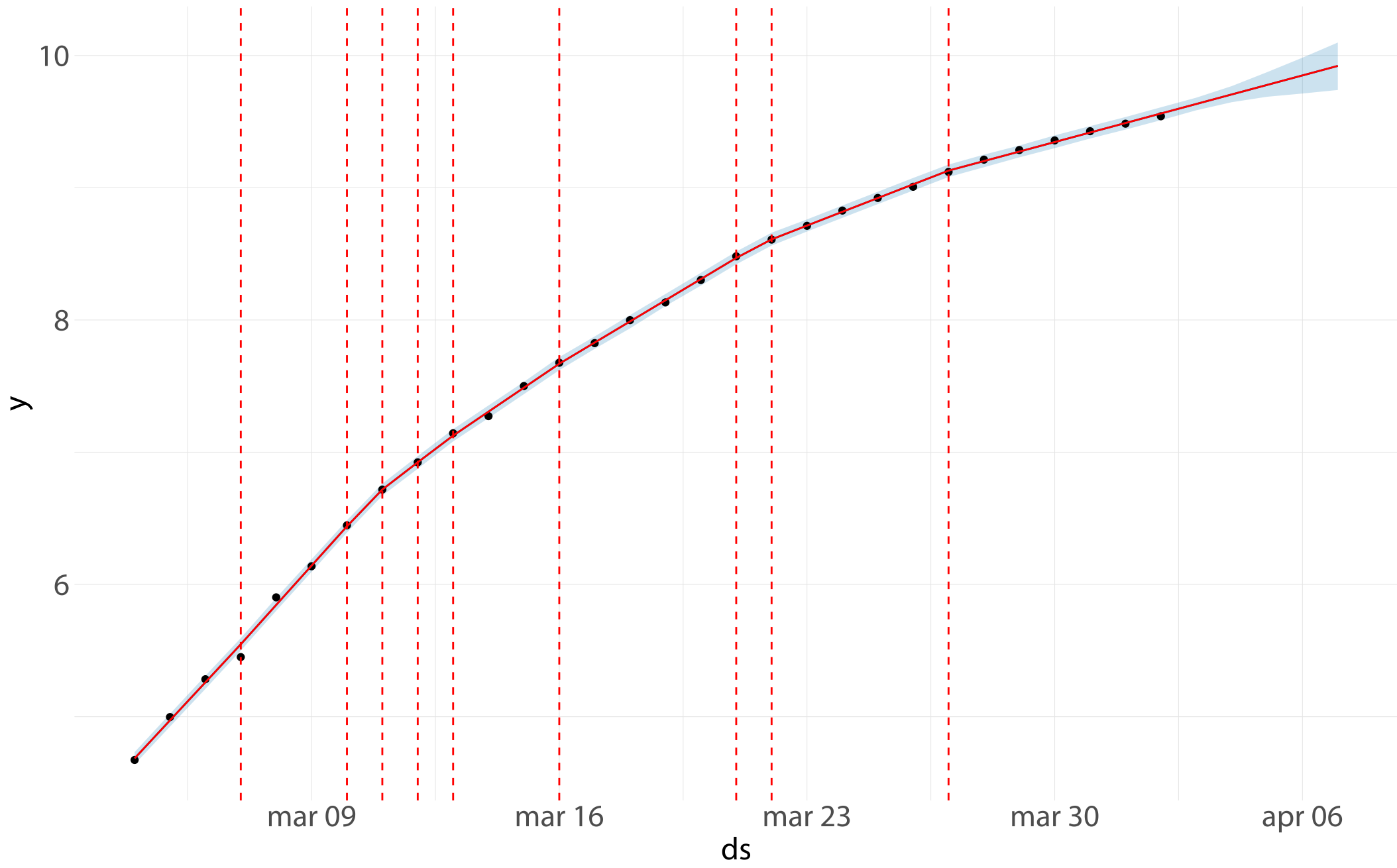
active



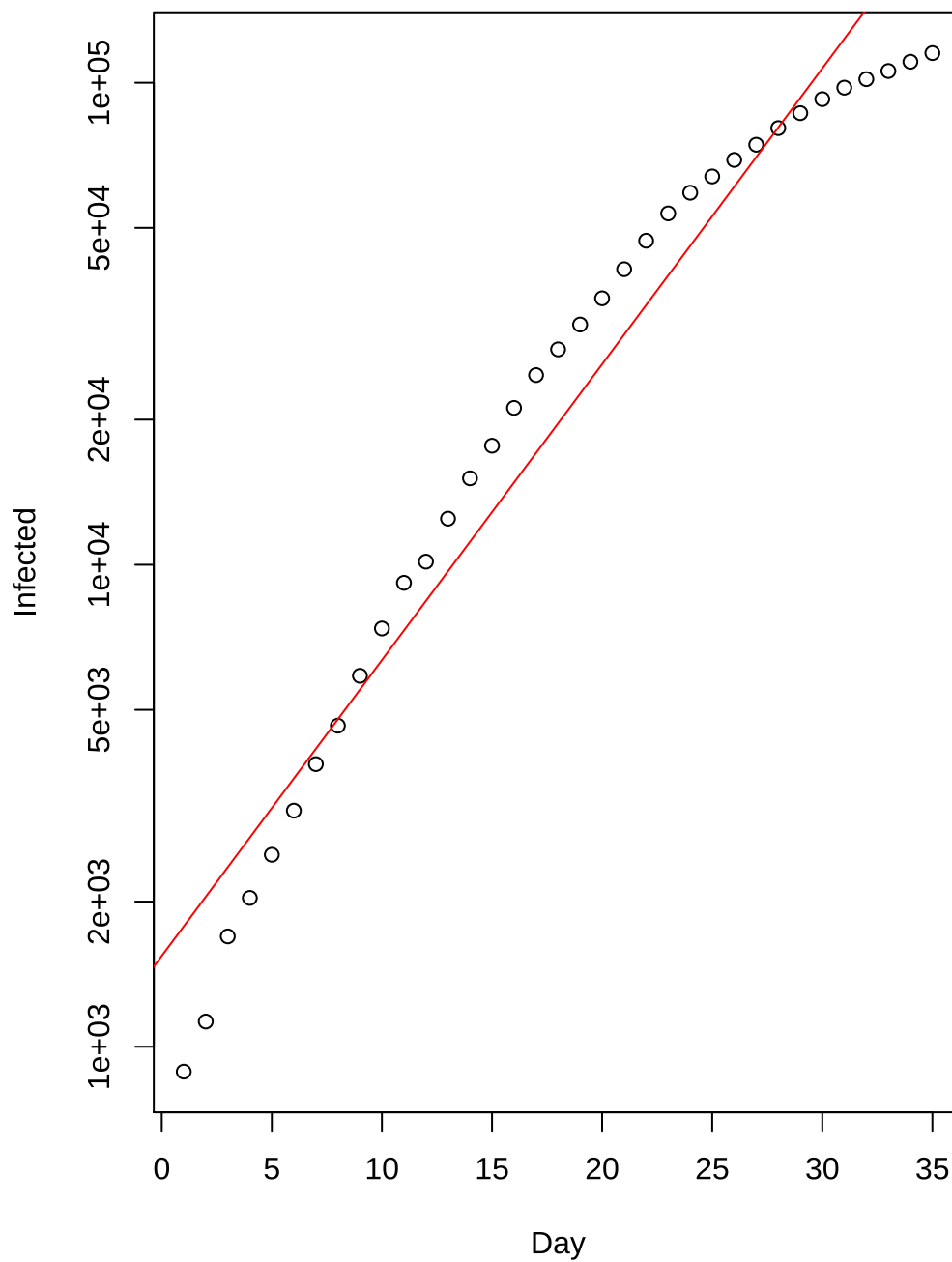
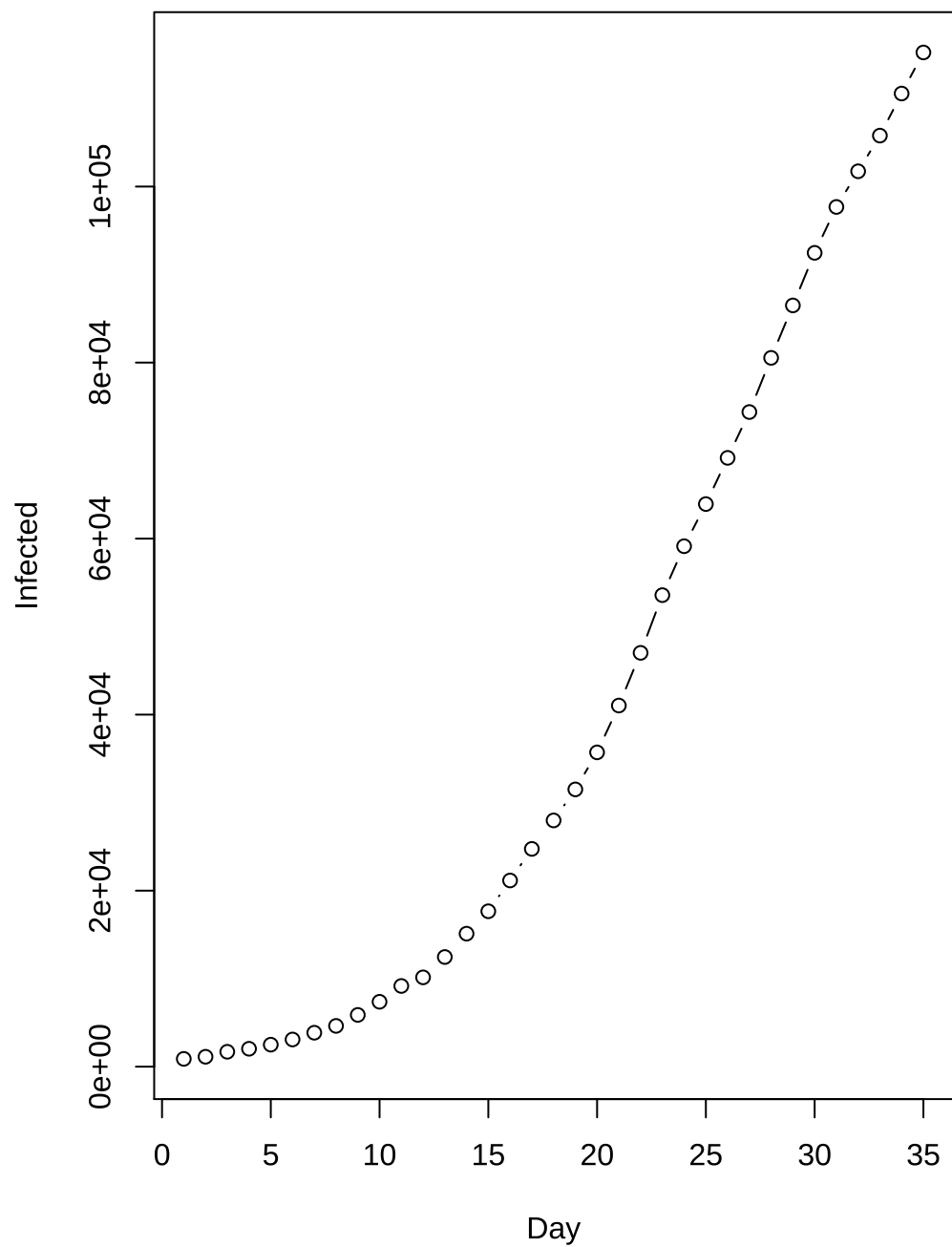
**recovered**



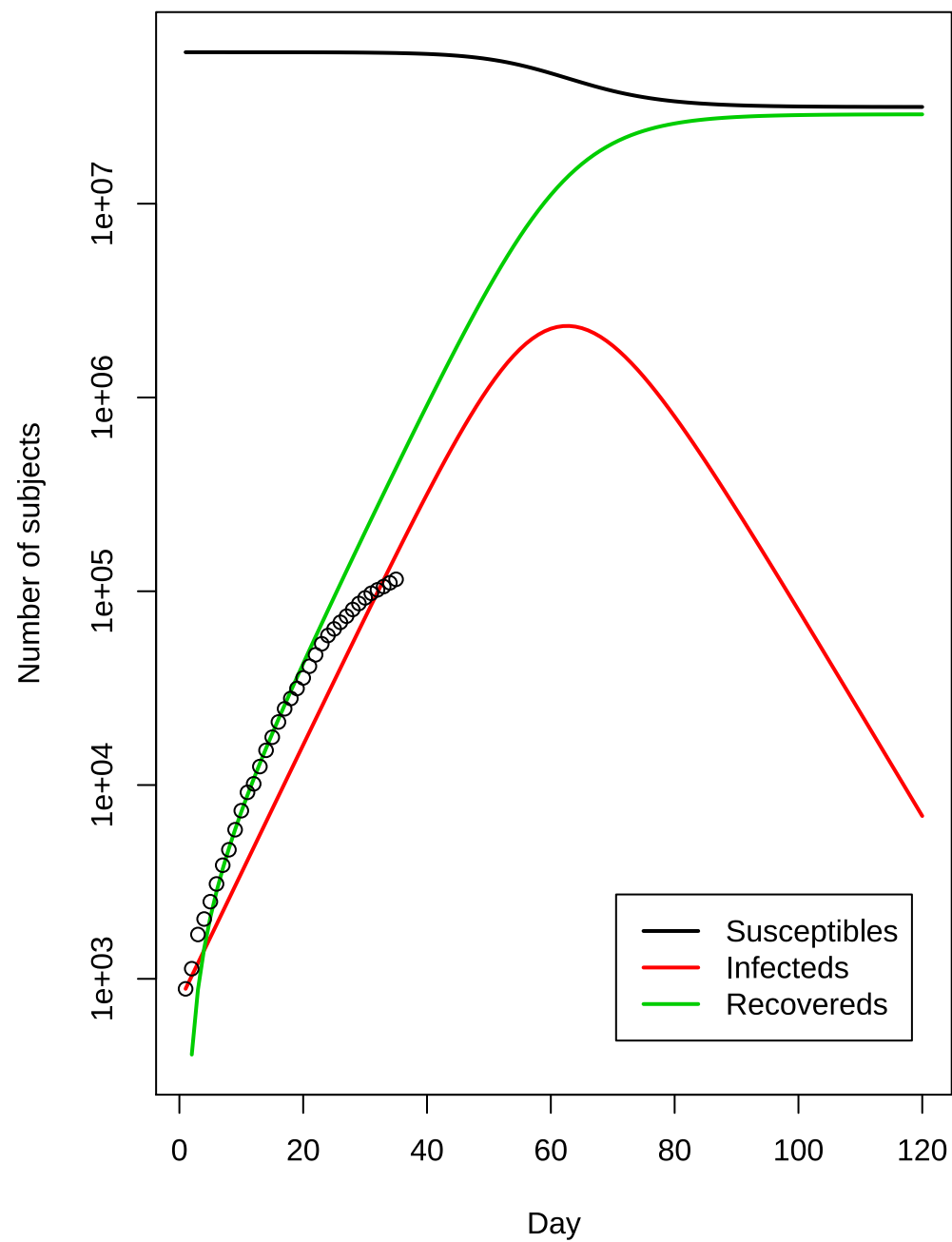
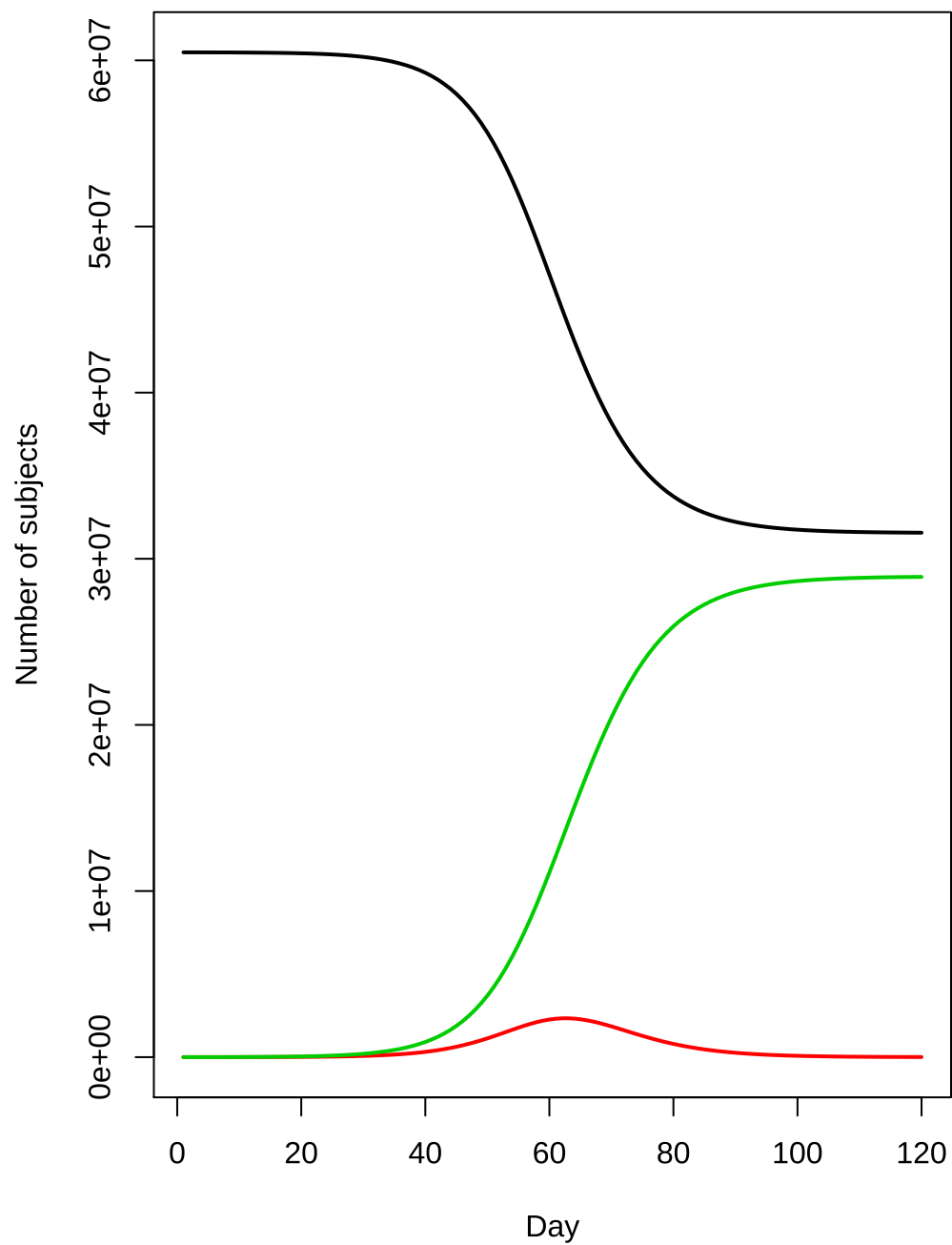
death



Total infections COVID-19 Italy

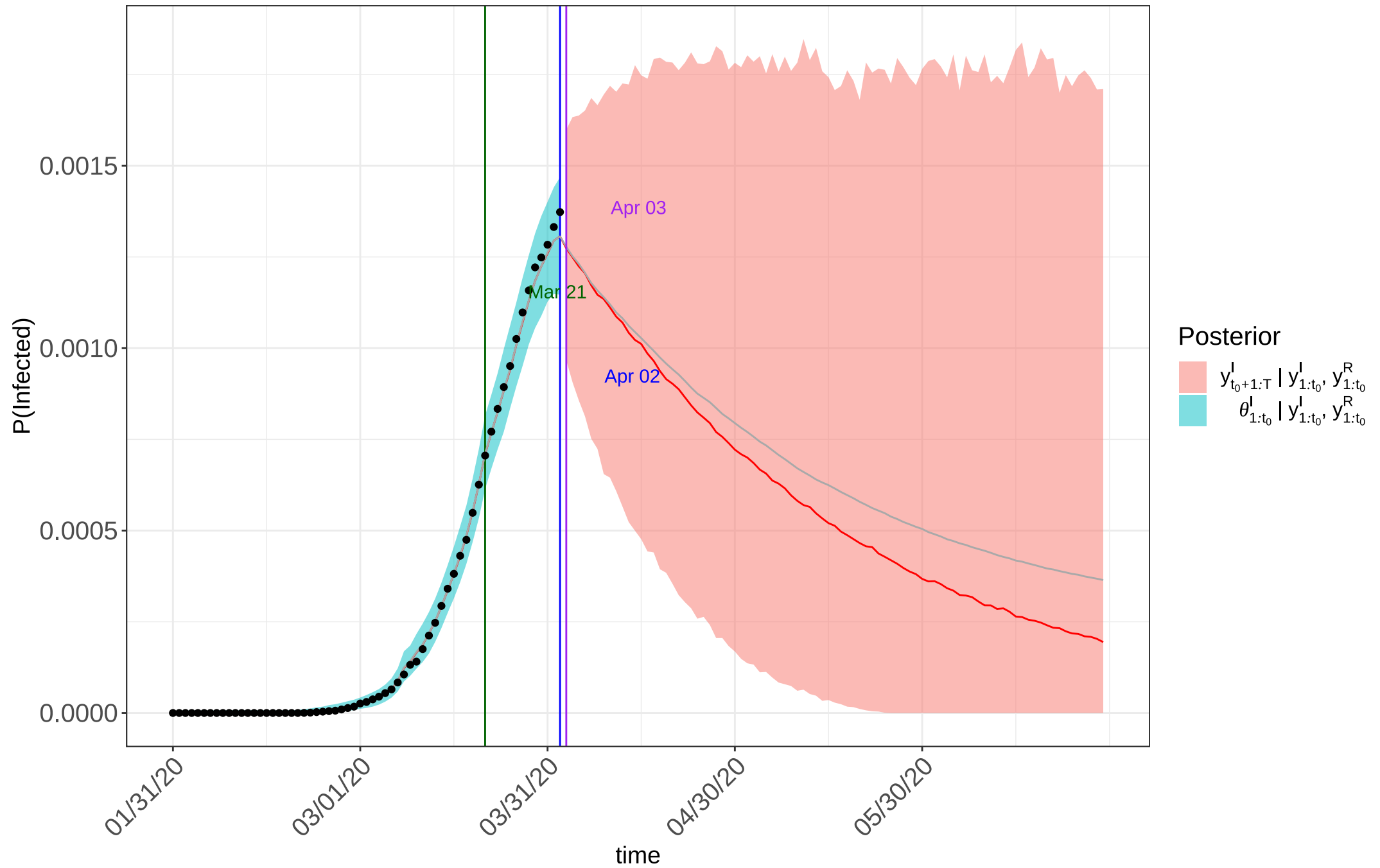


SIR model COVID-19 Italy



# Italy\_step: infection forecast with prior $\beta_0=0.576, \gamma_0=0.424$ and $R_0=1.36$

Posterior  $\beta_p=0.594, \gamma_p=0.0787$  and  $R_0=7.63$



Italy\_step: removed forecast with prior  $\beta_0=0.576, \gamma_0=0.424$  and  $R_0=1.36$

posterior:  $\beta_p=0.594, \gamma_p=0.0787$  and  $R_0=7.63$

