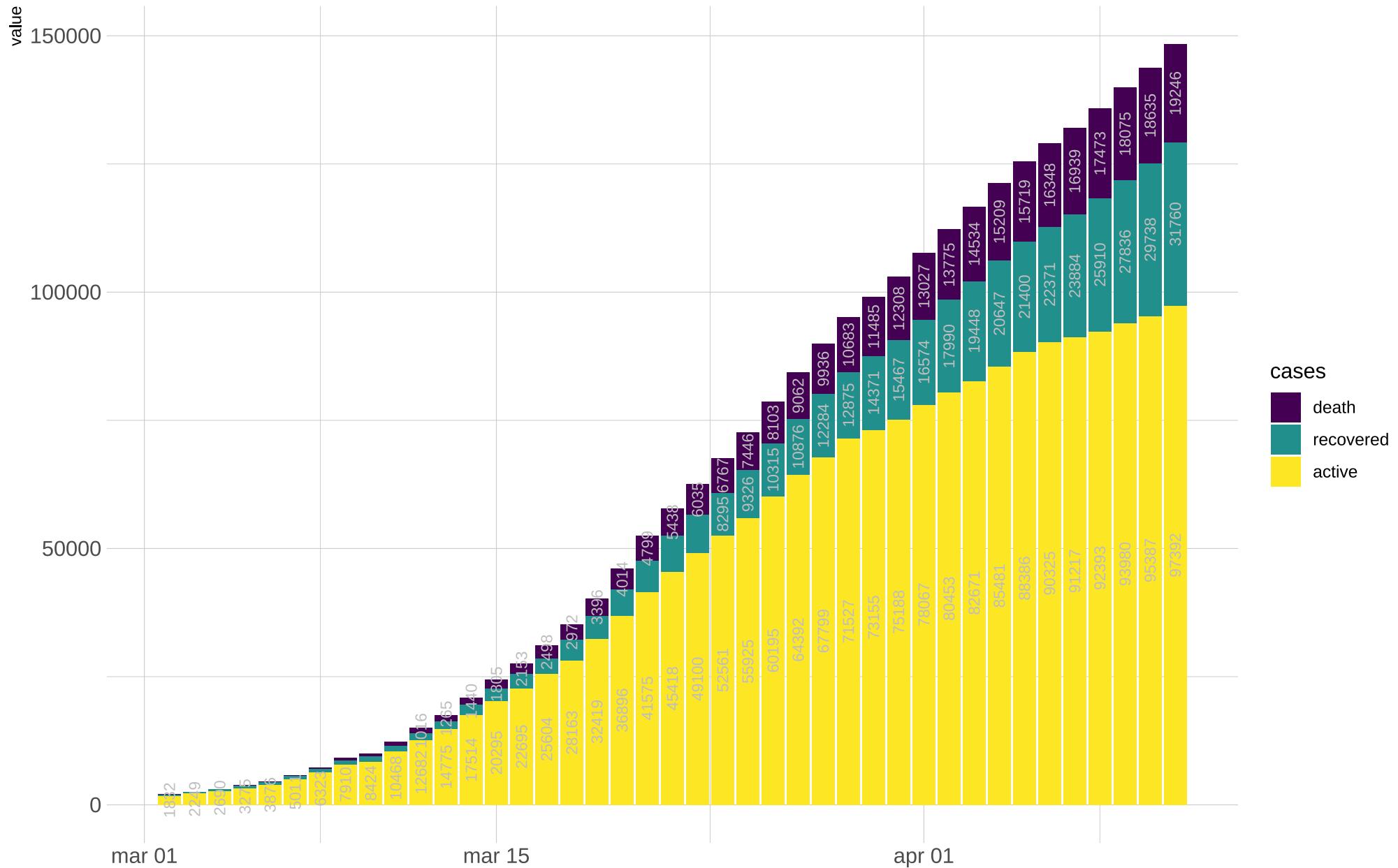
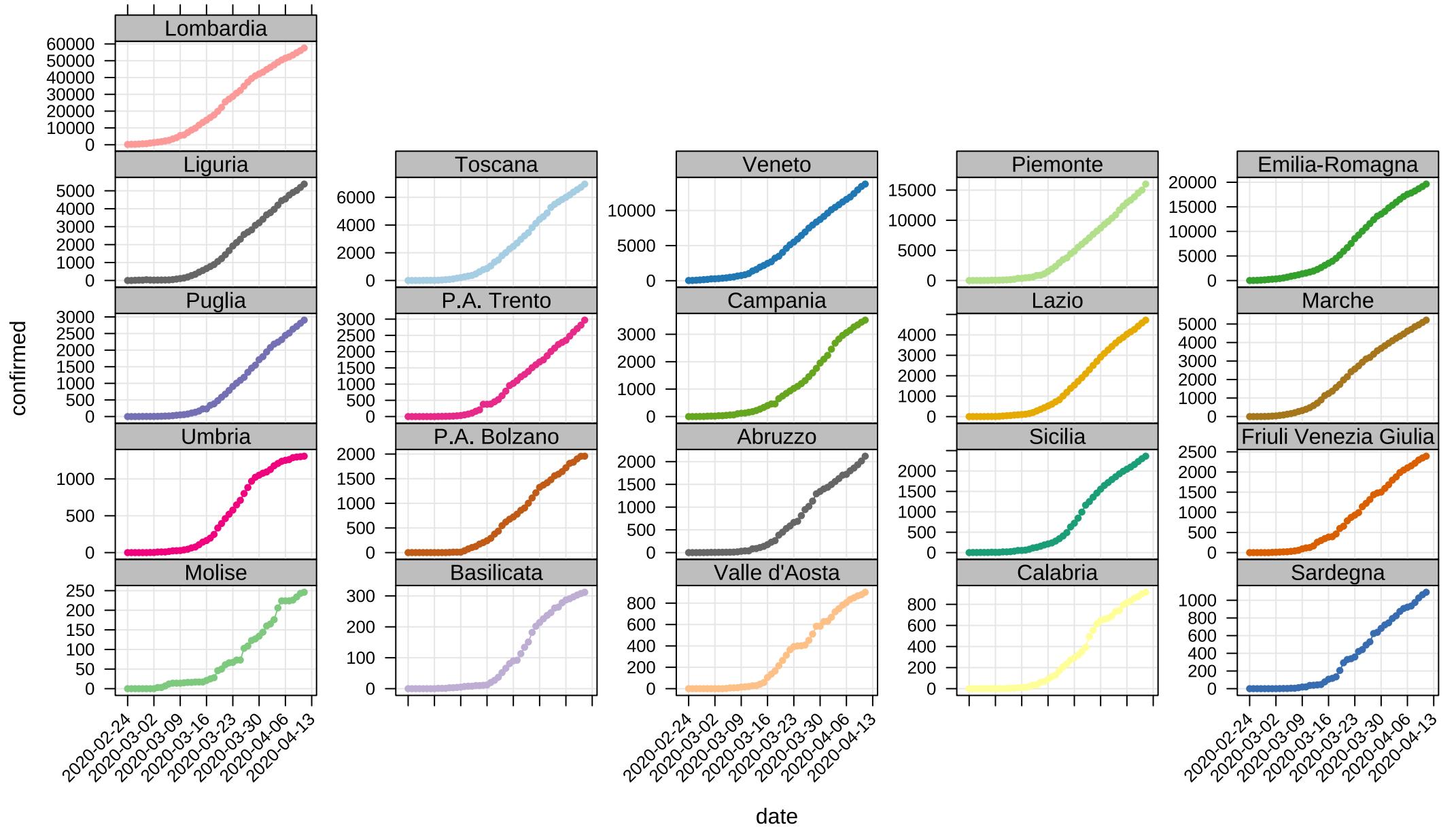


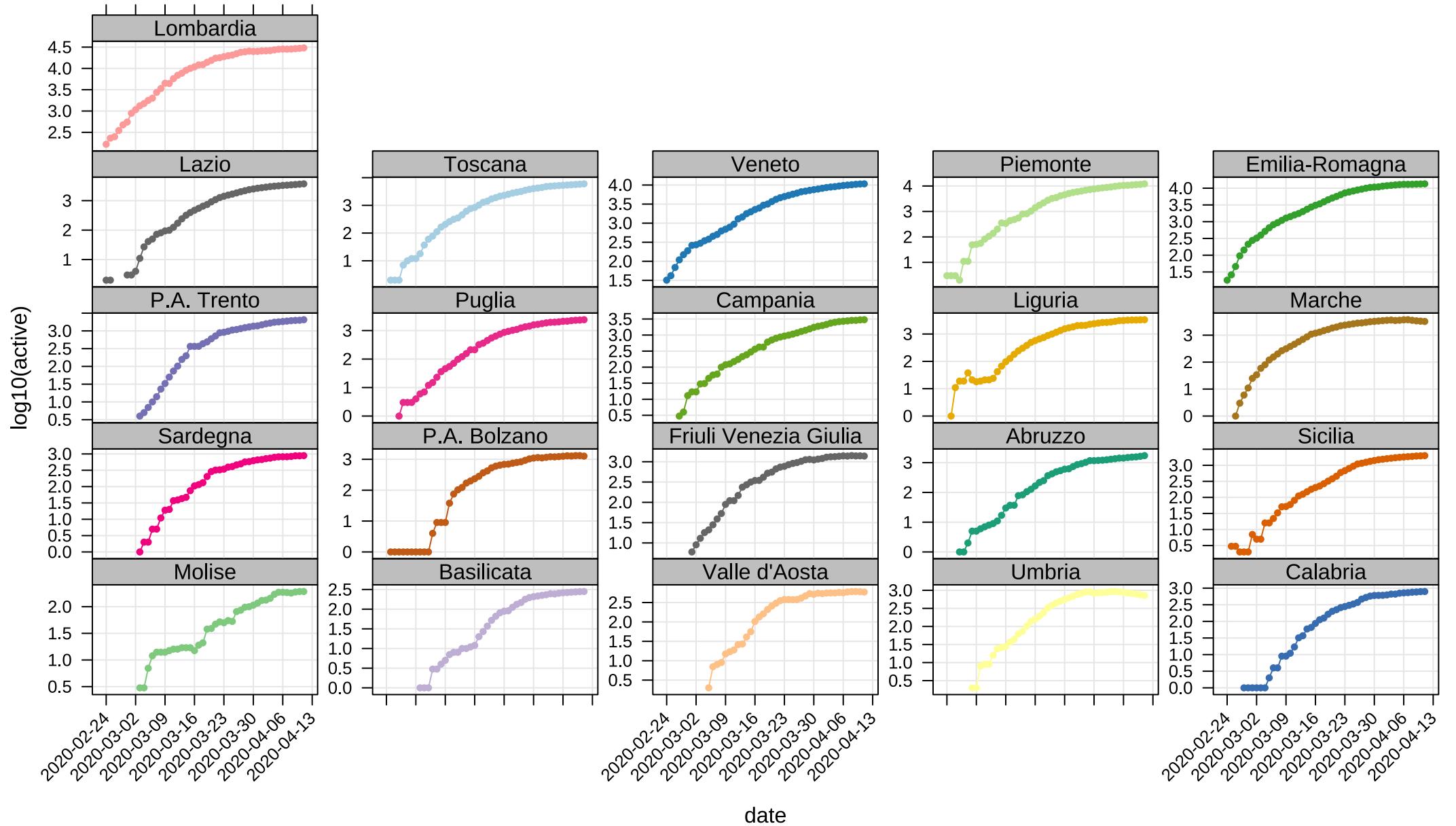
# Cumulated cases over time - ITALY



## ITALY - Confirmed cases of COVID-19 (last date in this graph is 2020-04-11)

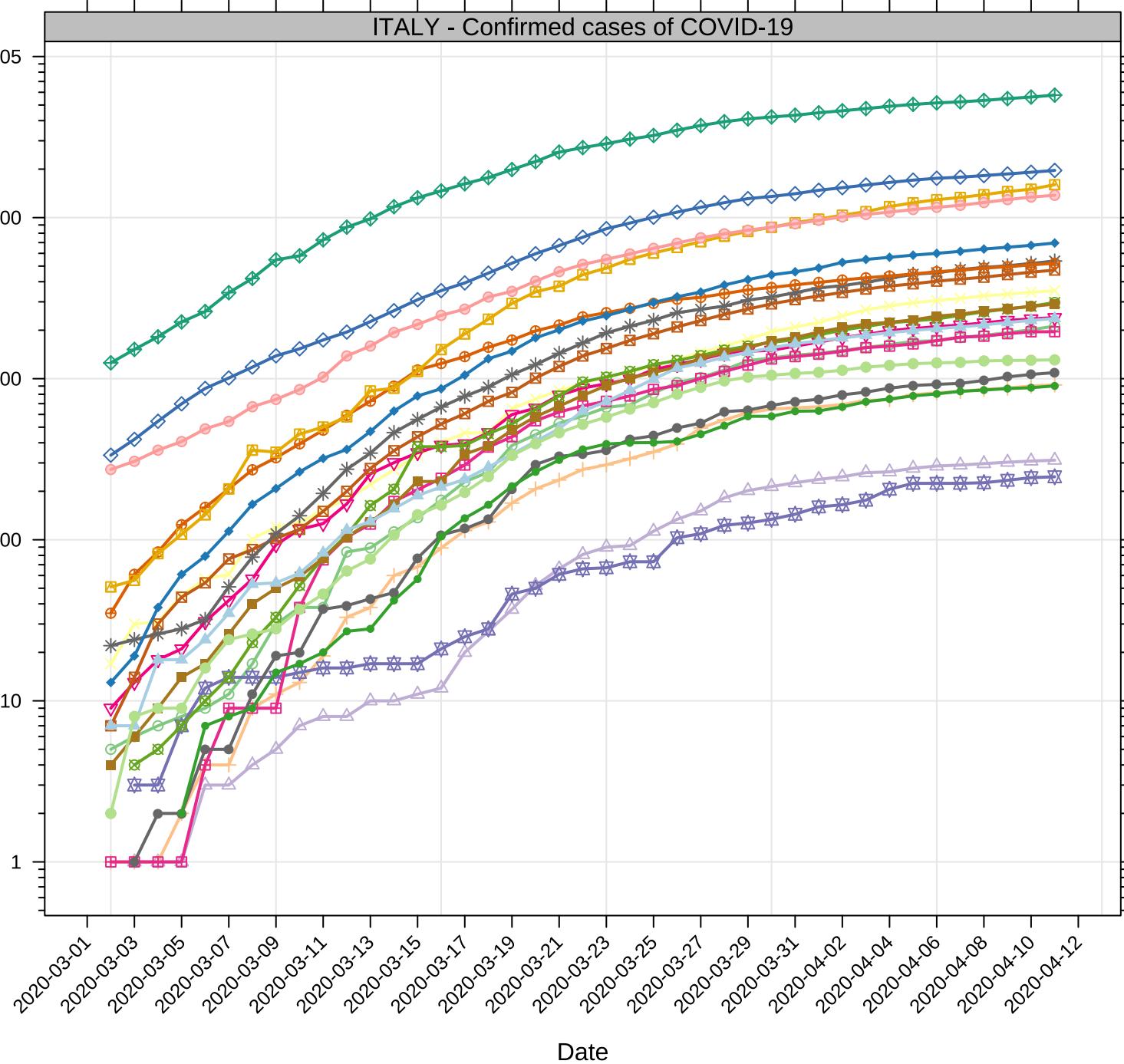


**ITALY - Log 10 Active cases of COVID-19**  
 (last date in this graph is 2020-04-11)



## ITALY - Confirmed cases of COVID-19

number of new COVID-19 cases

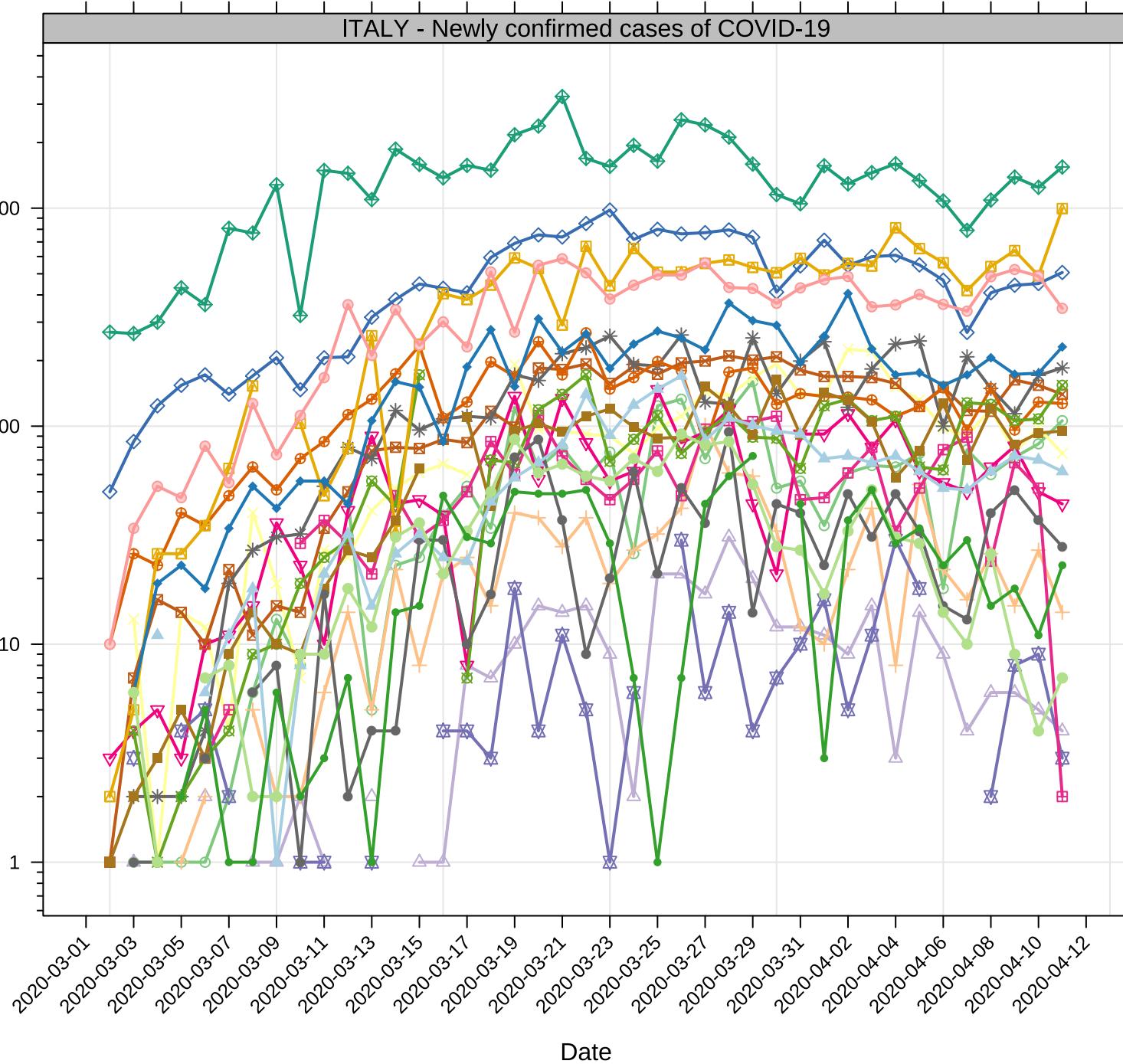


### Countries

- |                       |   |                       |   |
|-----------------------|---|-----------------------|---|
| Abruzzo               | ○ | Liguria               | ○ |
| Basilicata            | △ | Calabria              | ○ |
| Campania              | + | Emilia-Romagna        | ○ |
| Friuli Venezia Giulia | □ | Friuli Venezia Giulia | ○ |
| Lazio                 | × | Lombardia             | ○ |
| Liguria               | ○ | Marche                | ○ |
| Lombardia             | + | Molise                | ○ |
| Marche                | ○ | P.A. Bolzano          | ○ |
| Molise                | ○ | P.A. Trento           | ○ |
| P.A. Bolzano          | ○ | Piemonte              | ○ |
| P.A. Trento           | ○ | Puglia                | ○ |
| Piemonte              | ○ | Sardegna              | ○ |
| Puglia                | ○ | Sicilia               | ○ |
| Sardegna              | ○ | Toscana               | ○ |
| Sicilia               | ○ | Umbria                | ○ |
| Toscana               | ○ | Valle d'Aosta         | ○ |
| Umbria                | ○ | Veneto                | ○ |
| Valle d'Aosta         | ○ |                       | ○ |
| Veneto                | ○ |                       | ○ |

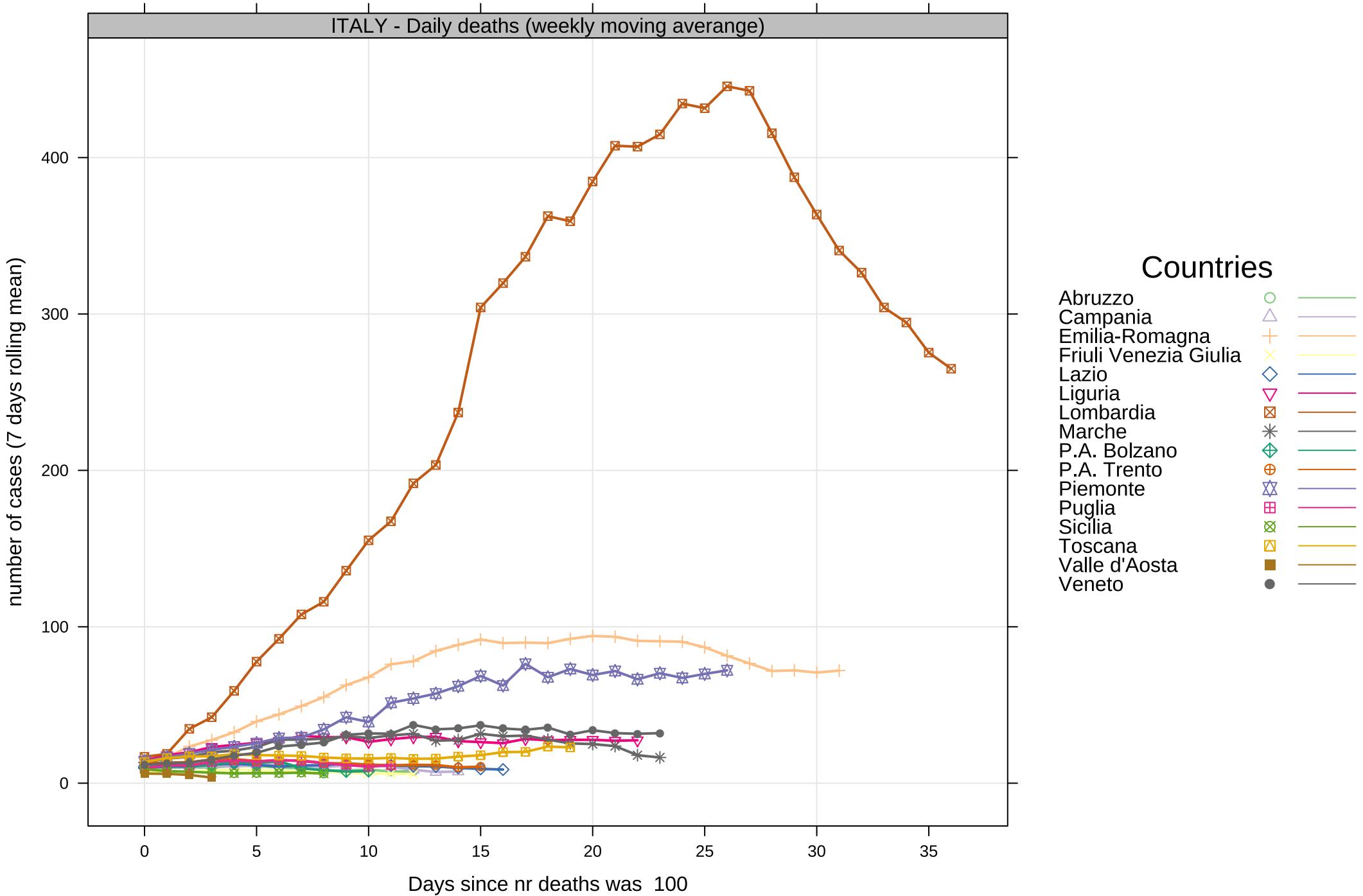
## ITALY - Newly confirmed cases of COVID-19

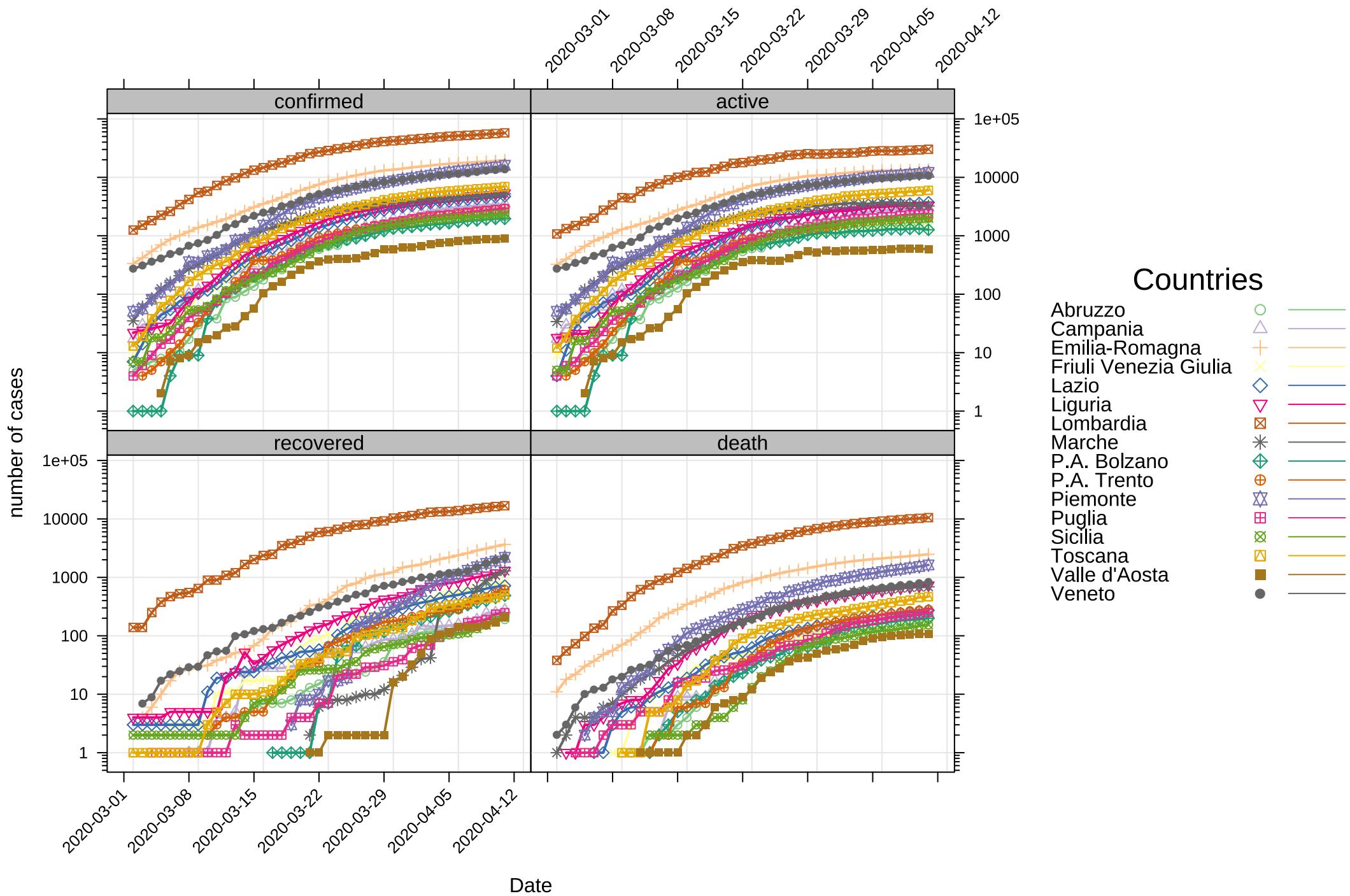
number of new COVID-19 cases

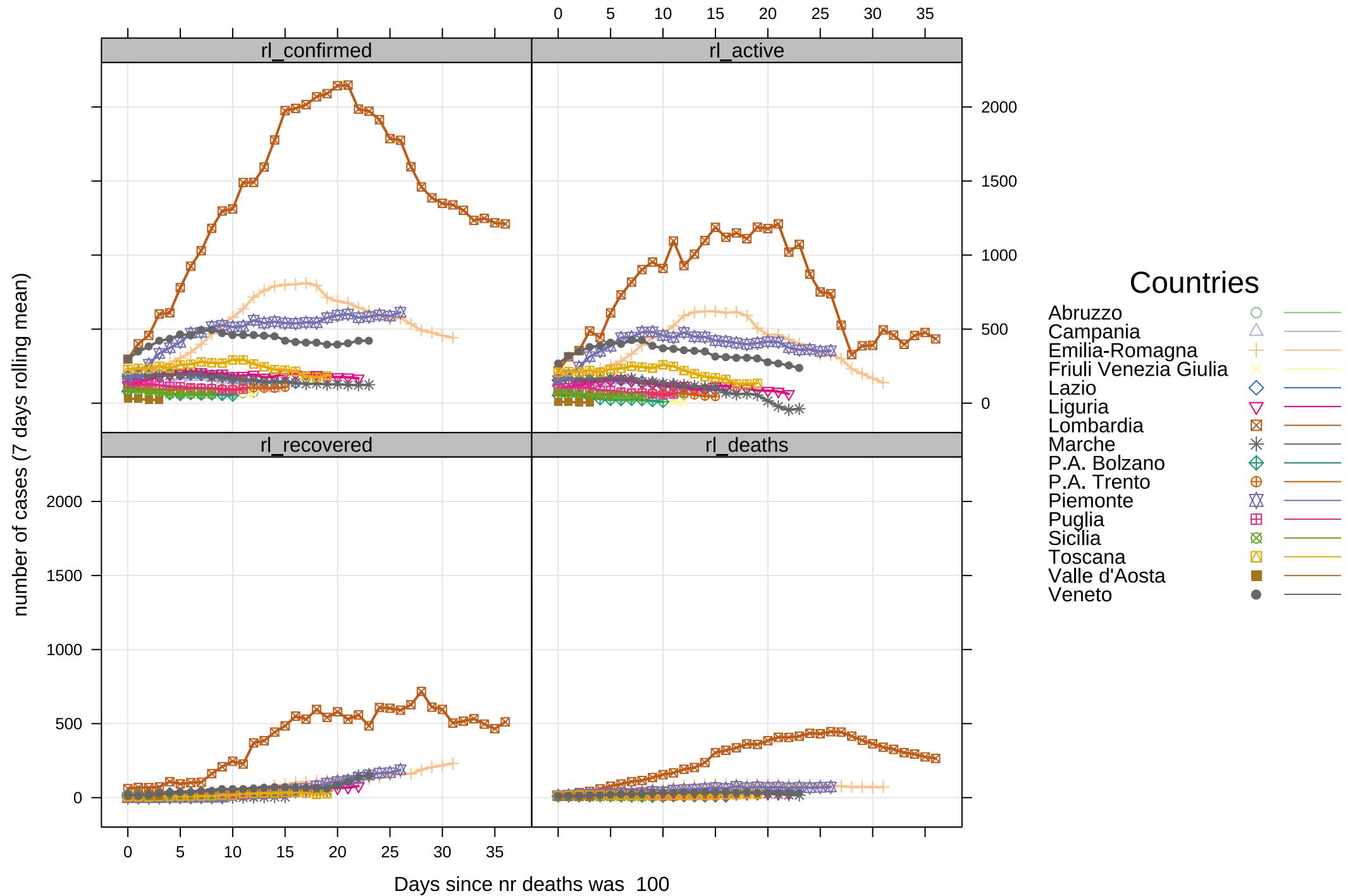


### Countries

- |                       |   |
|-----------------------|---|
| Abruzzo               | ○ |
| Basilicata            | △ |
| Calabria              | + |
| Campania              | × |
| Emilia-Romagna        | ◆ |
| Friuli Venezia Giulia | ■ |
| Lazio                 | * |
| Liguria               | ○ |
| Lombardia             | * |
| Marche                | □ |
| Molise                | ○ |
| P.A. Bolzano          | △ |
| P.A. Trento           | □ |
| Piemonte              | ○ |
| Puglia                | □ |
| Sardegna              | ■ |
| Sicilia               | ● |
| Toscana               | △ |
| Umbria                | □ |
| Valle d'Aosta         | ○ |
| Veneto                | ○ |

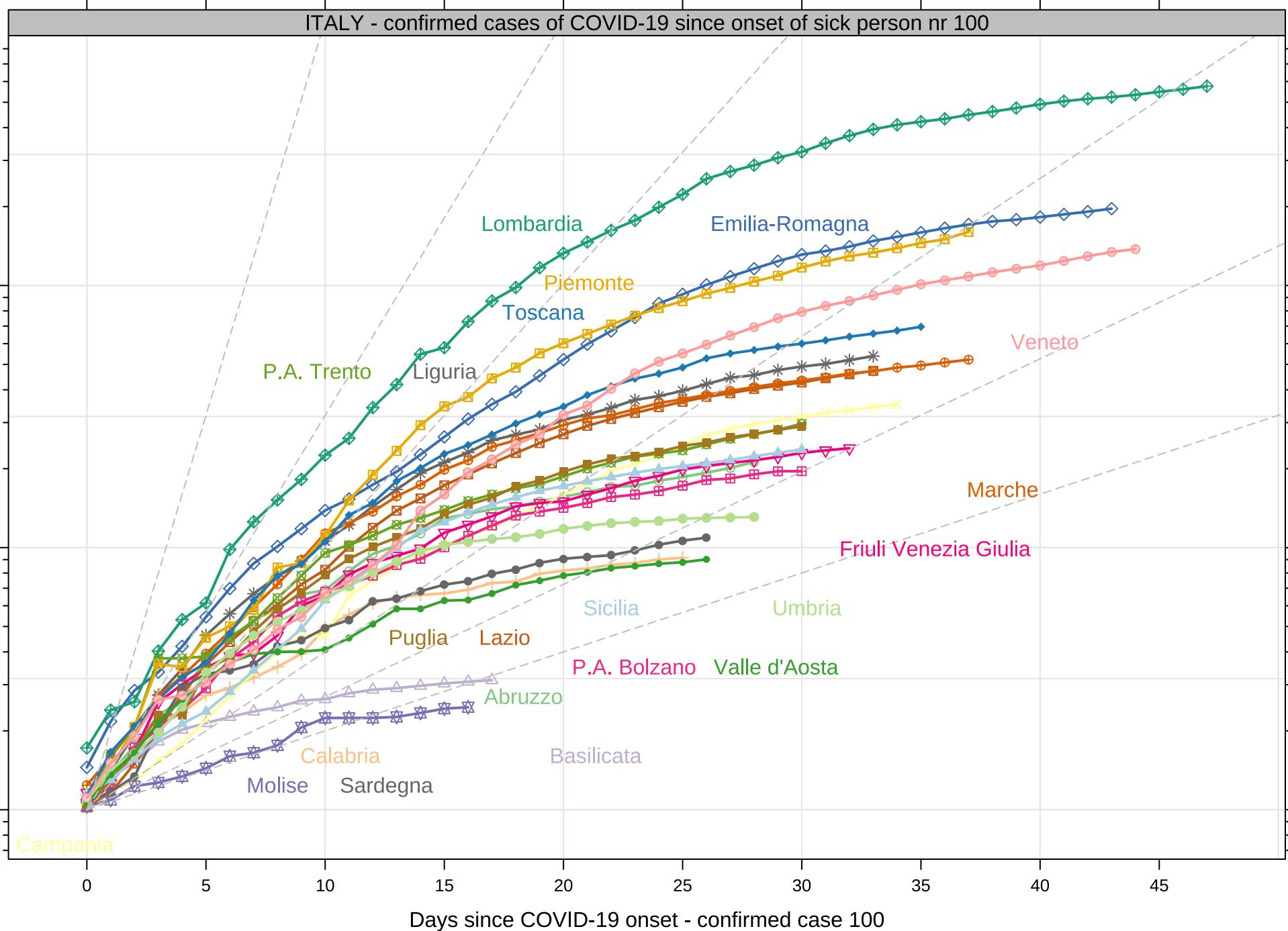


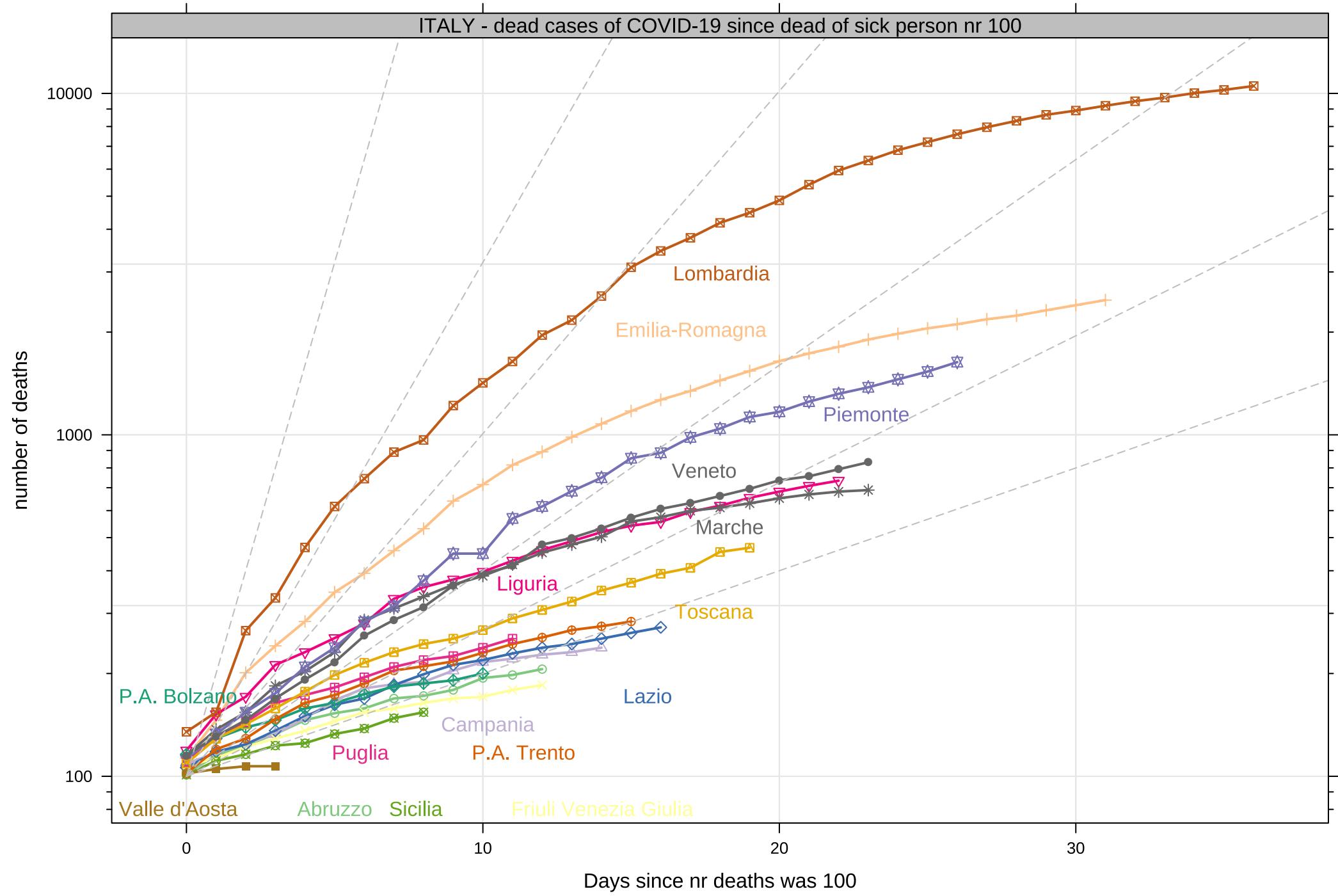




# ITALY - confirmed cases of COVID-19 since onset of sick person nr 100

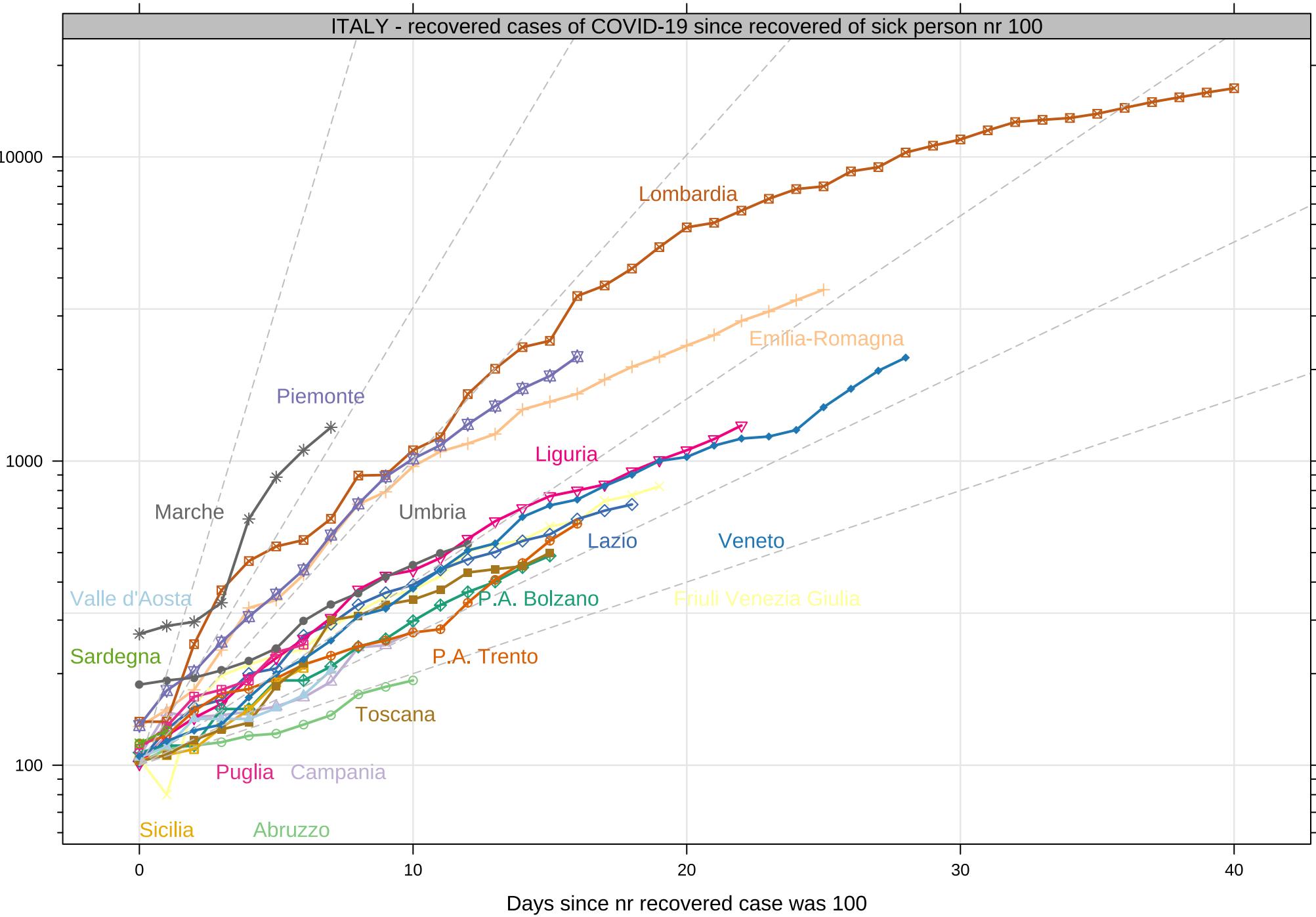
number of confirmed cases

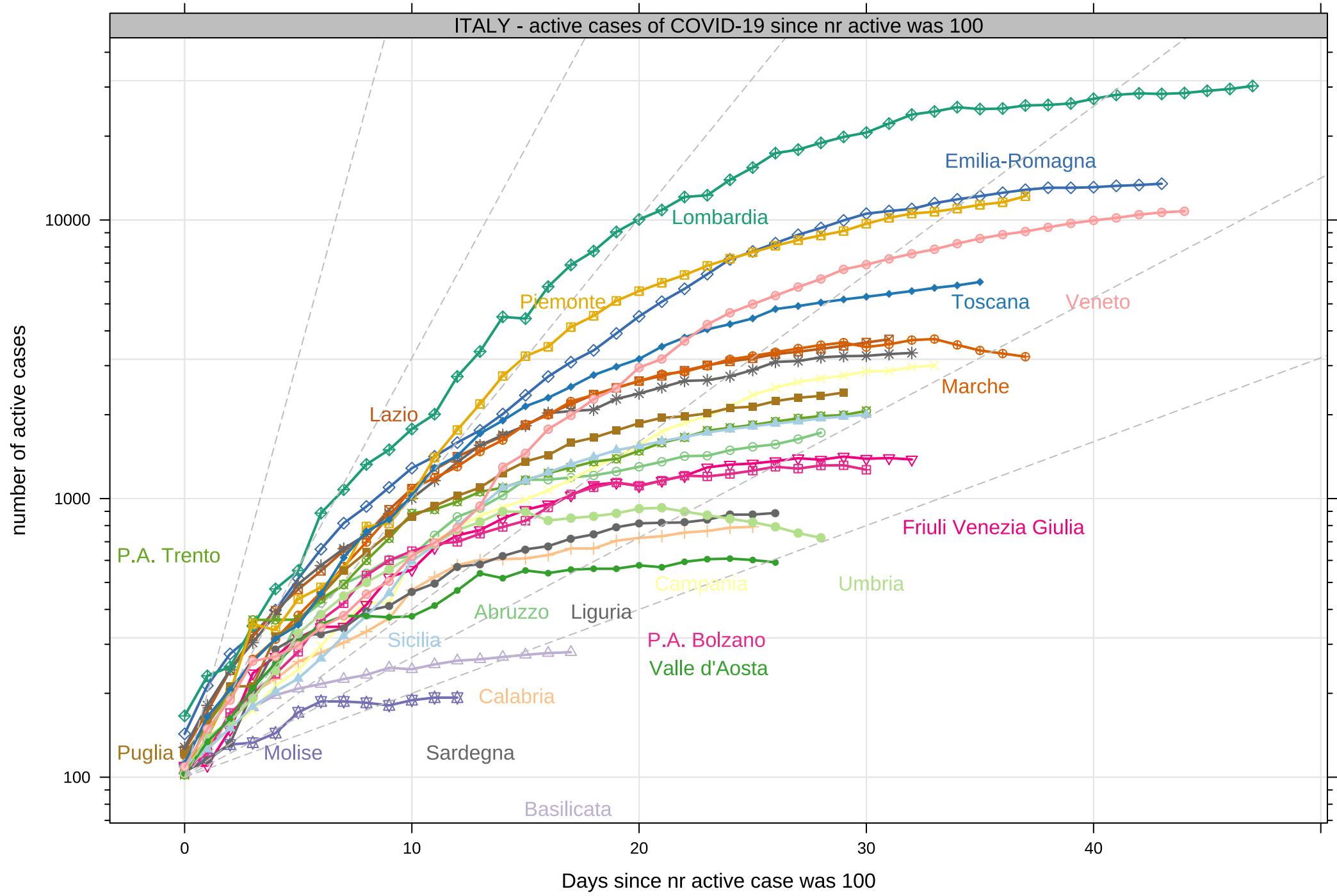




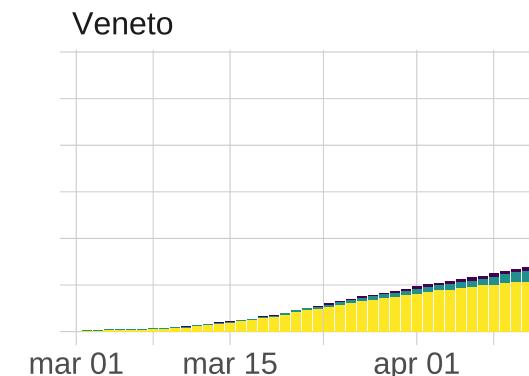
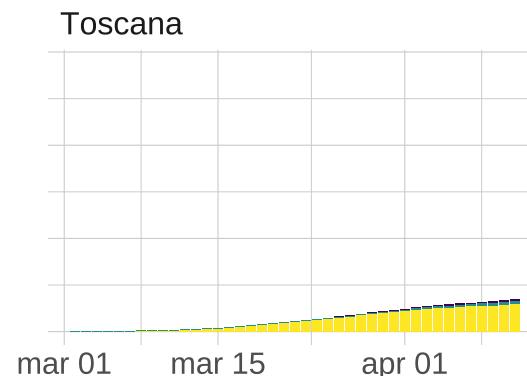
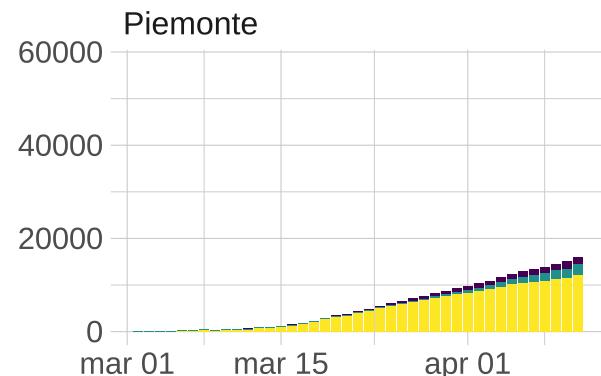
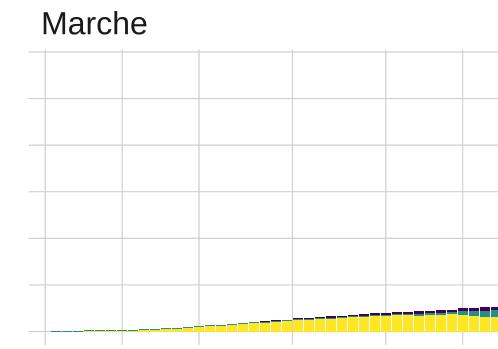
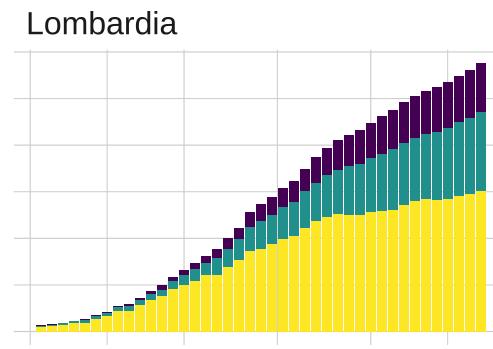
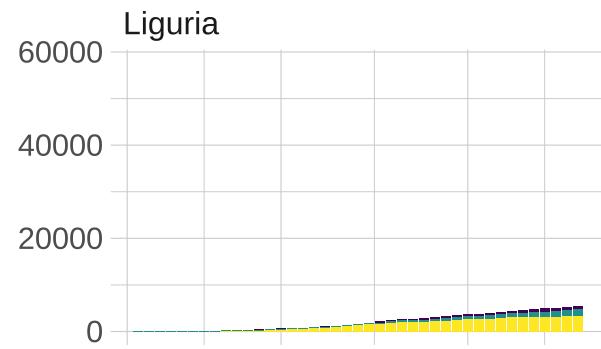
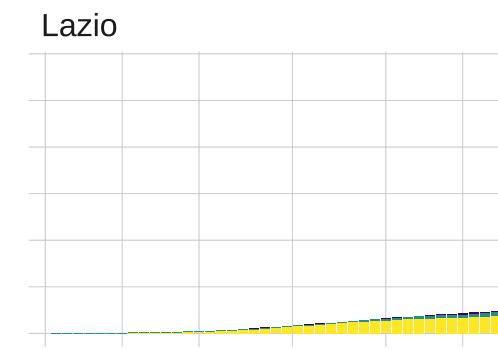
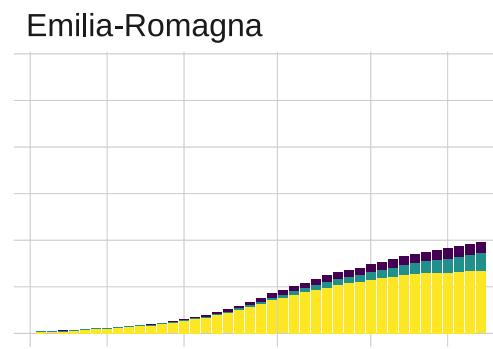
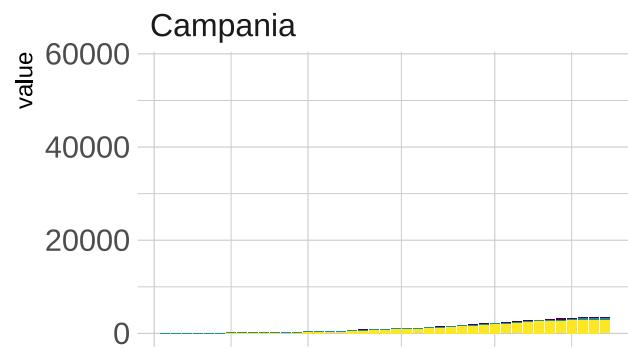
### ITALY - recovered cases of COVID-19 since recovered of sick person nr 100

number of recovered





# Cumulated cases over time per country - ITALY

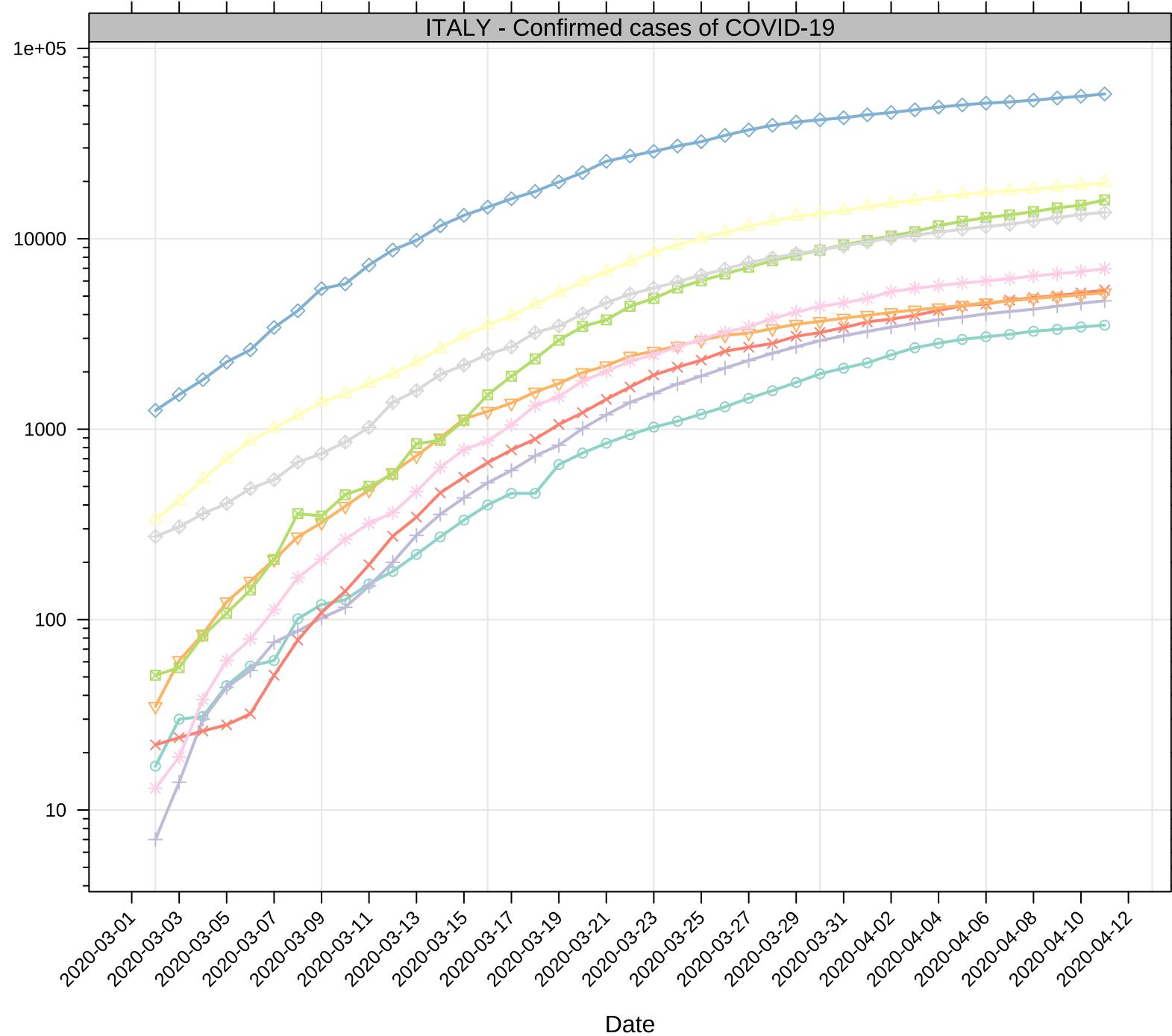


cases

- death
- recovered
- active

## ITALY - Confirmed cases of COVID-19

number of new COVID-19 cases



### Countries

- Campania
- Emilia-Romagna
- Lazio
- Liguria
- Lombardia
- Marche
- Piemonte
- Toscana
- Veneto



Date

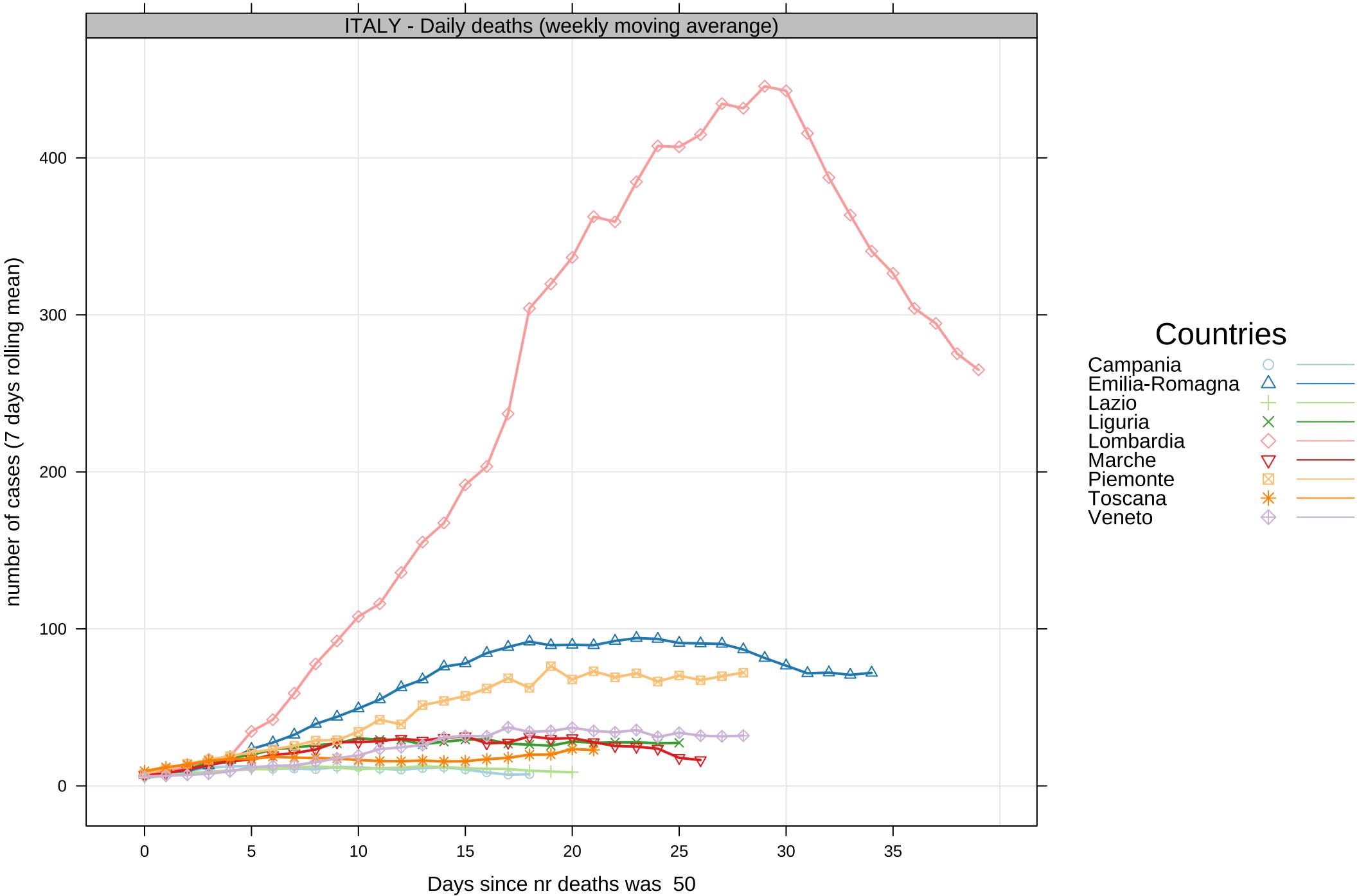
## ITALY - Newly confirmed cases of COVID-19

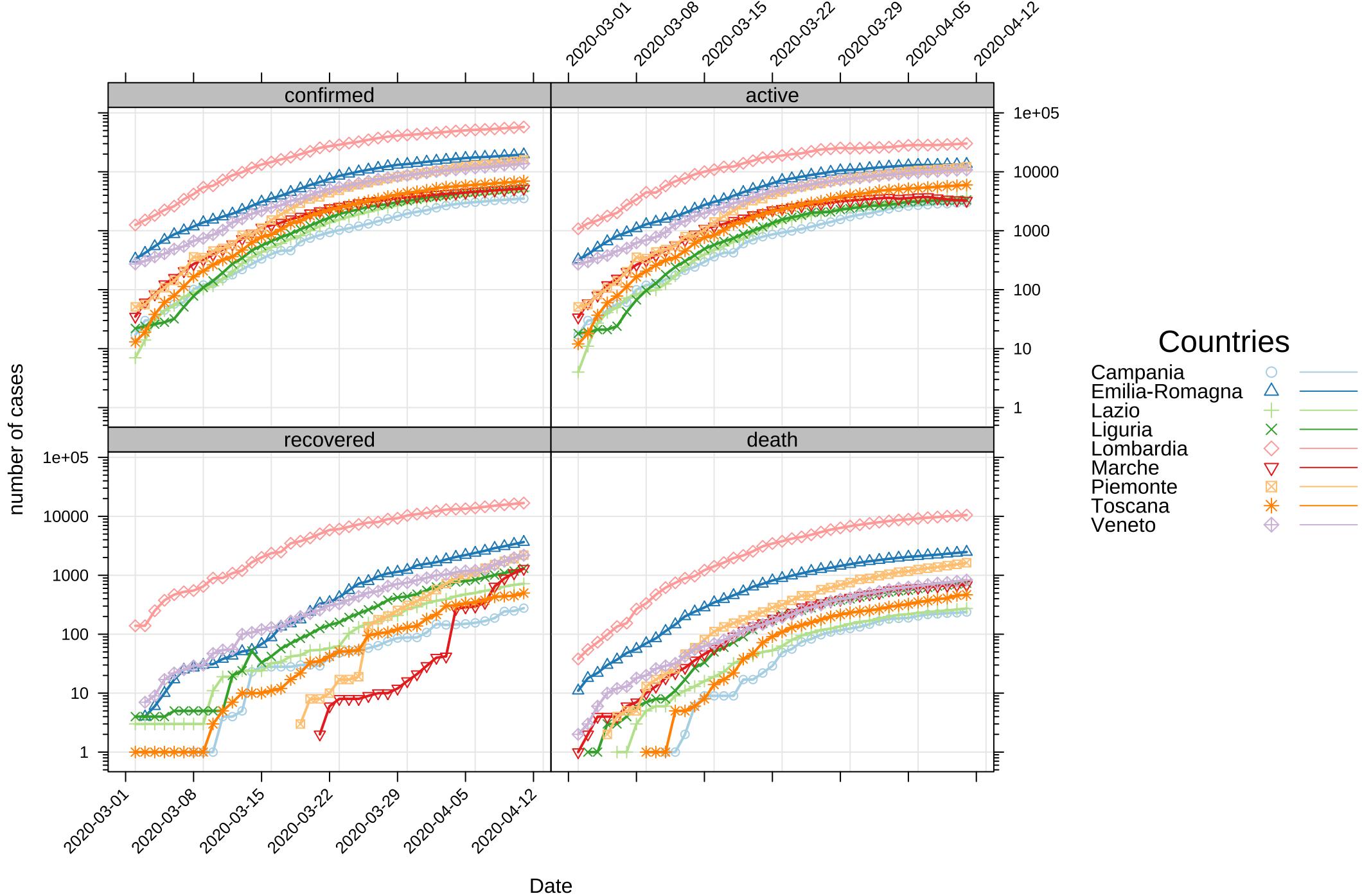
number of new COVID-19 cases

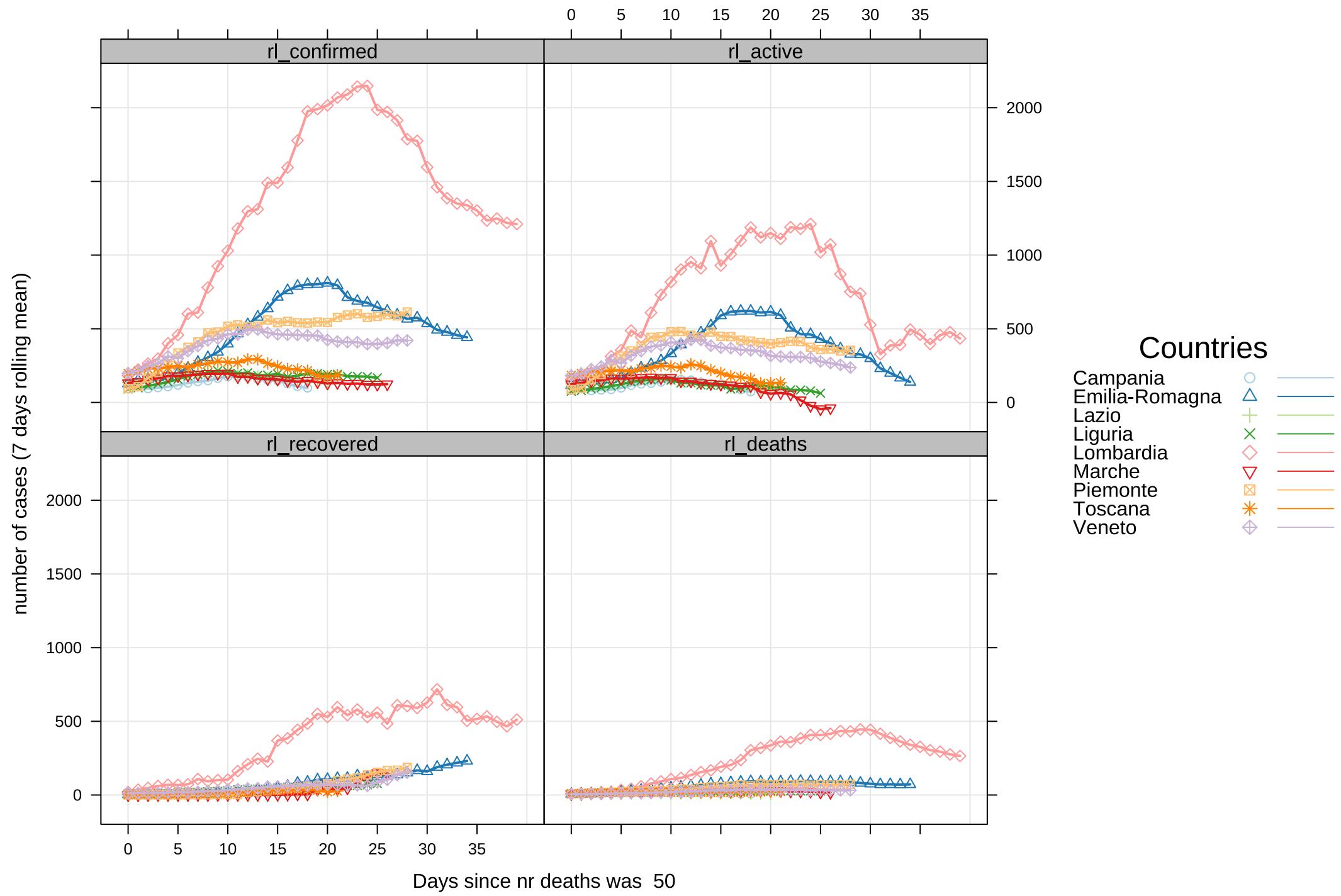


### Countries

- Campania
- Emilia-Romagna
- Lazio
- Liguria
- Lombardia
- Marche
- Piemonte
- Toscana
- Veneto

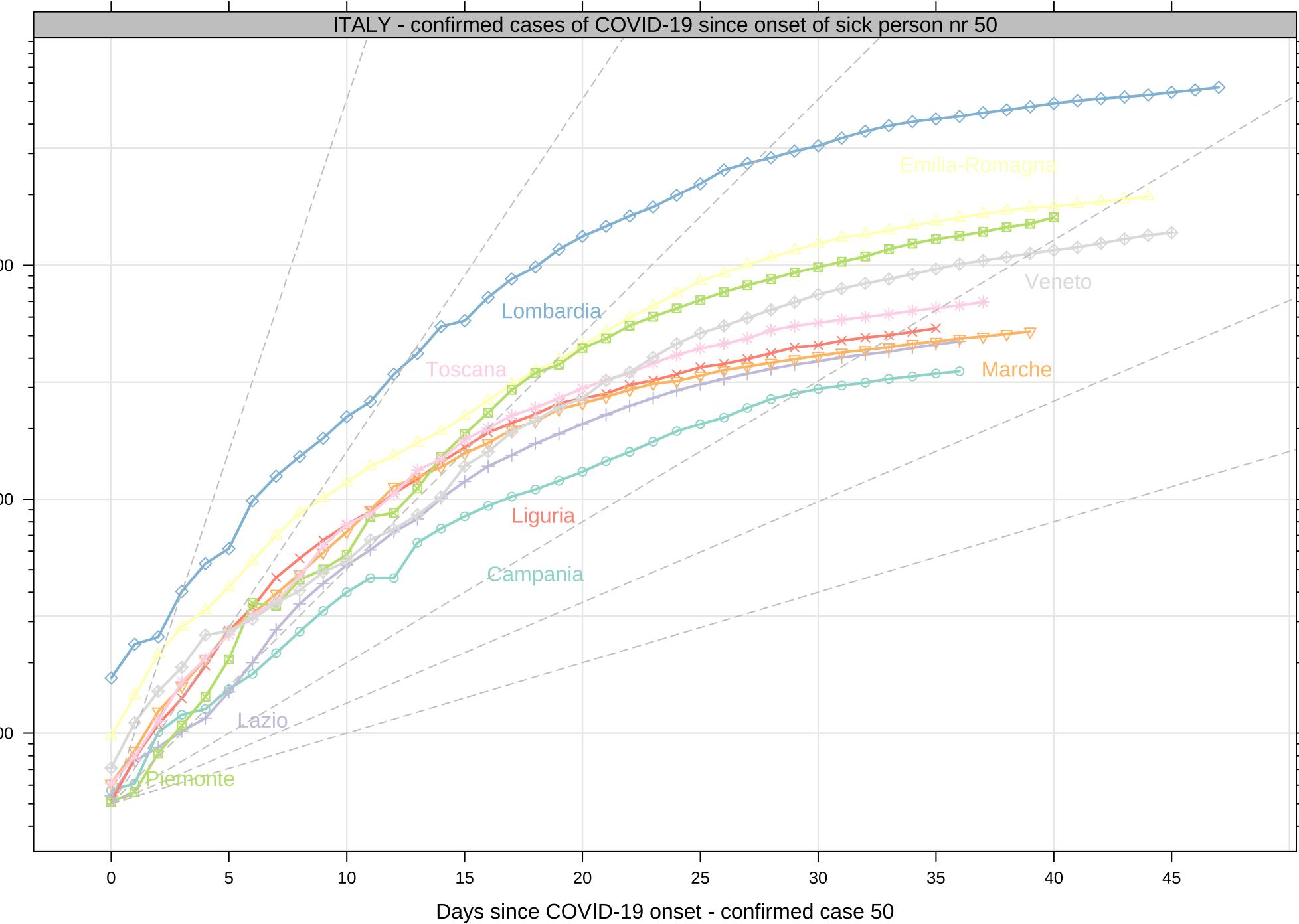


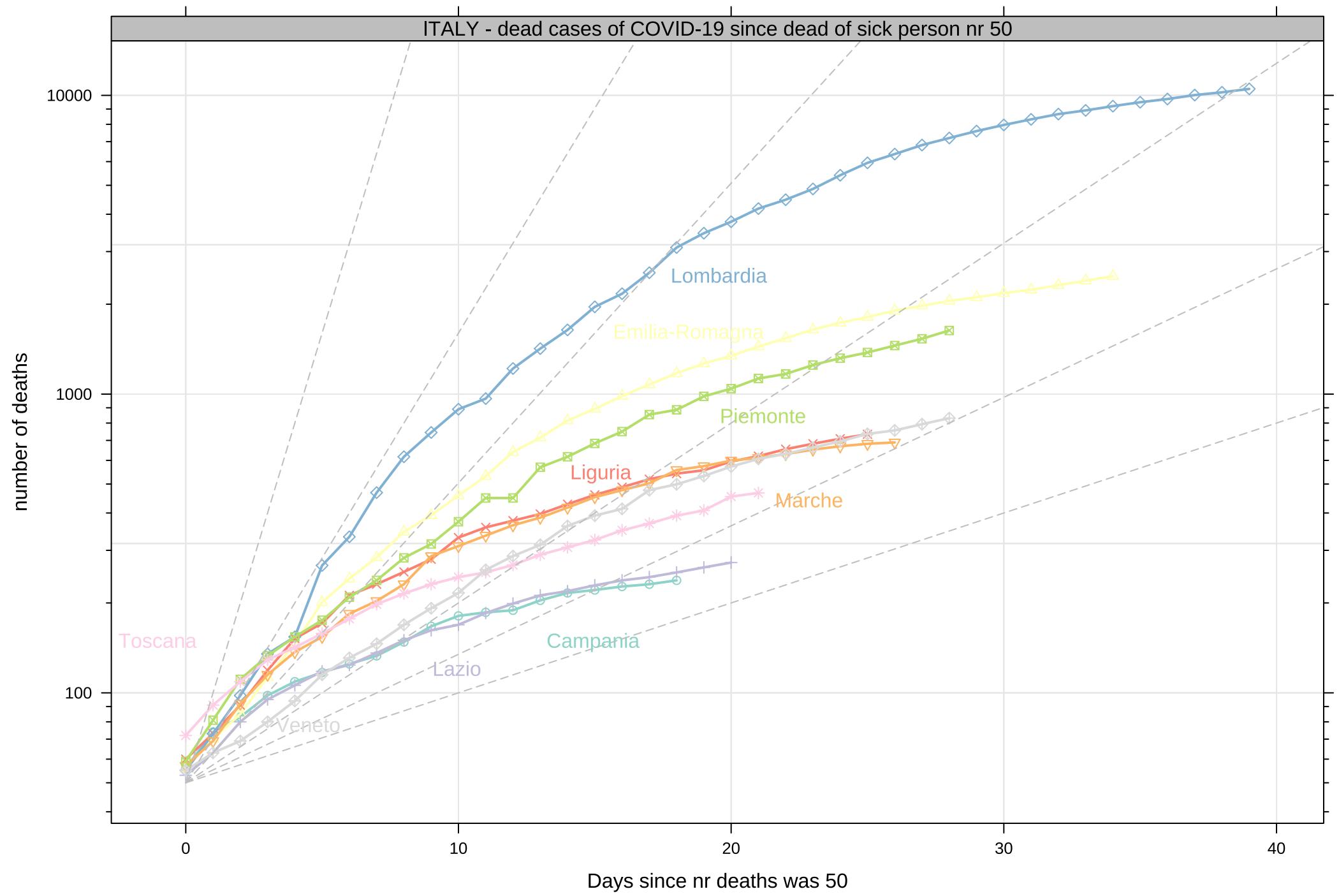




## ITALY - confirmed cases of COVID-19 since onset of sick person nr 50

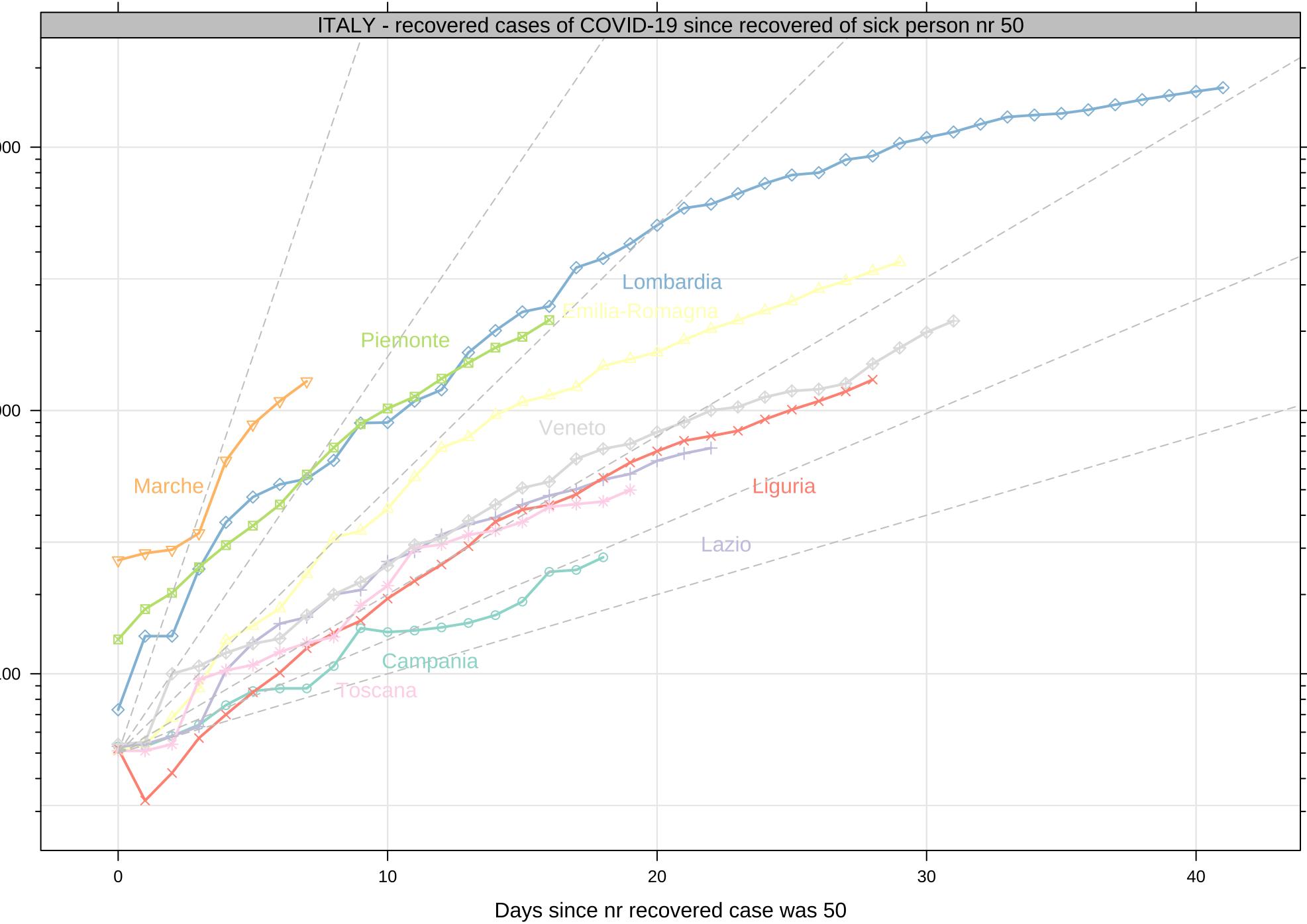
number of confirmed cases

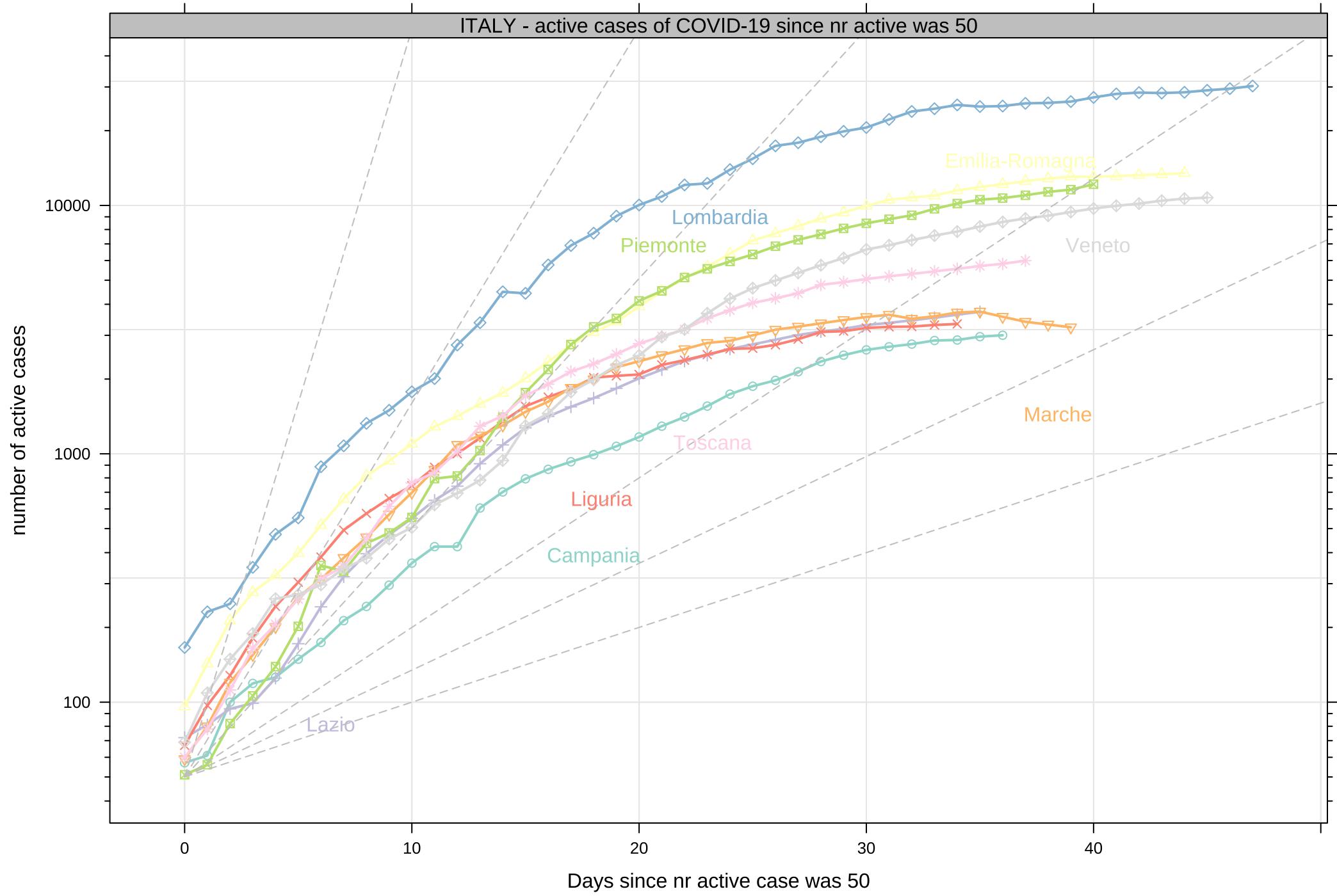




## ITALY - recovered cases of COVID-19 since recovered of sick person nr 50

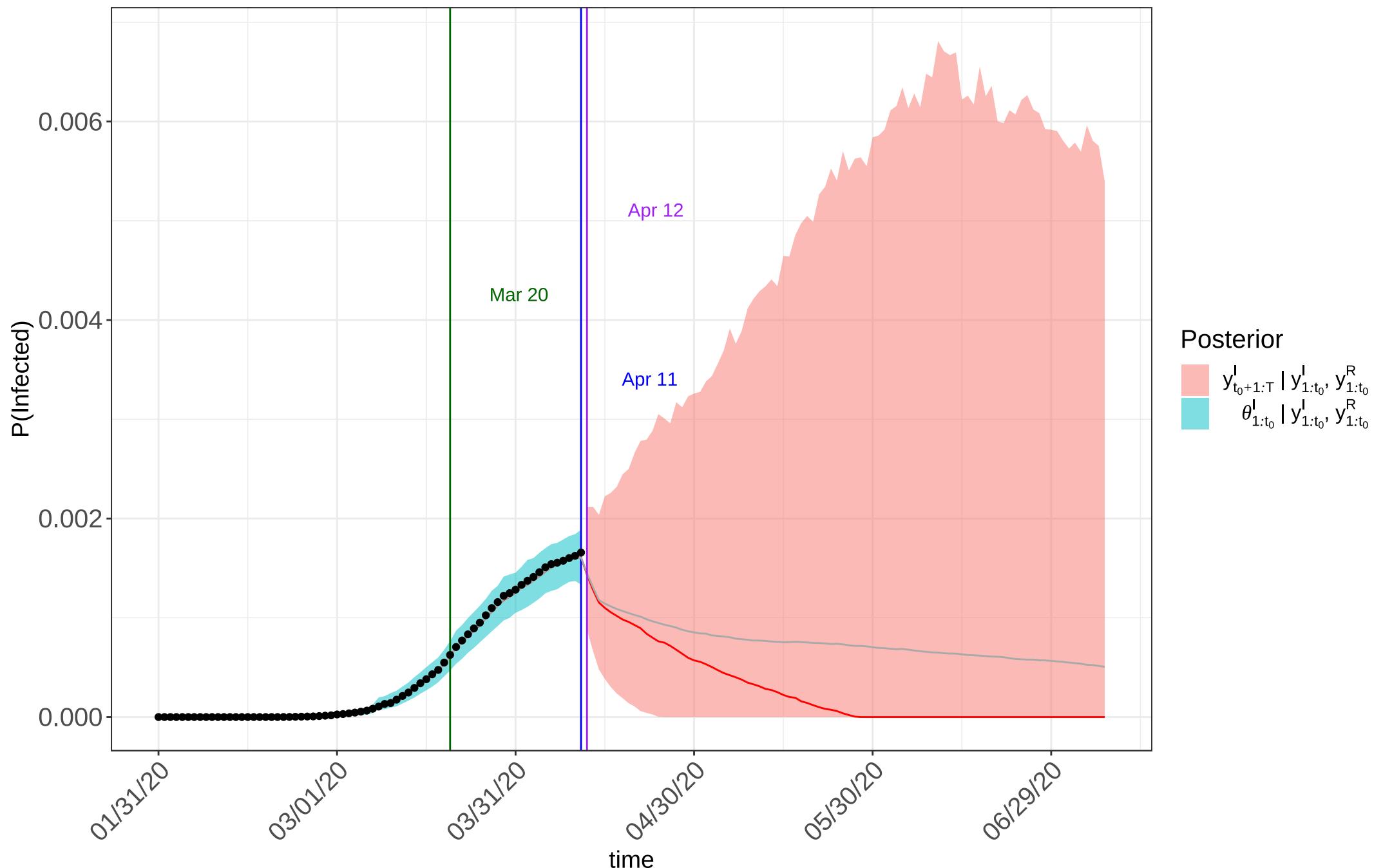
number of recovered





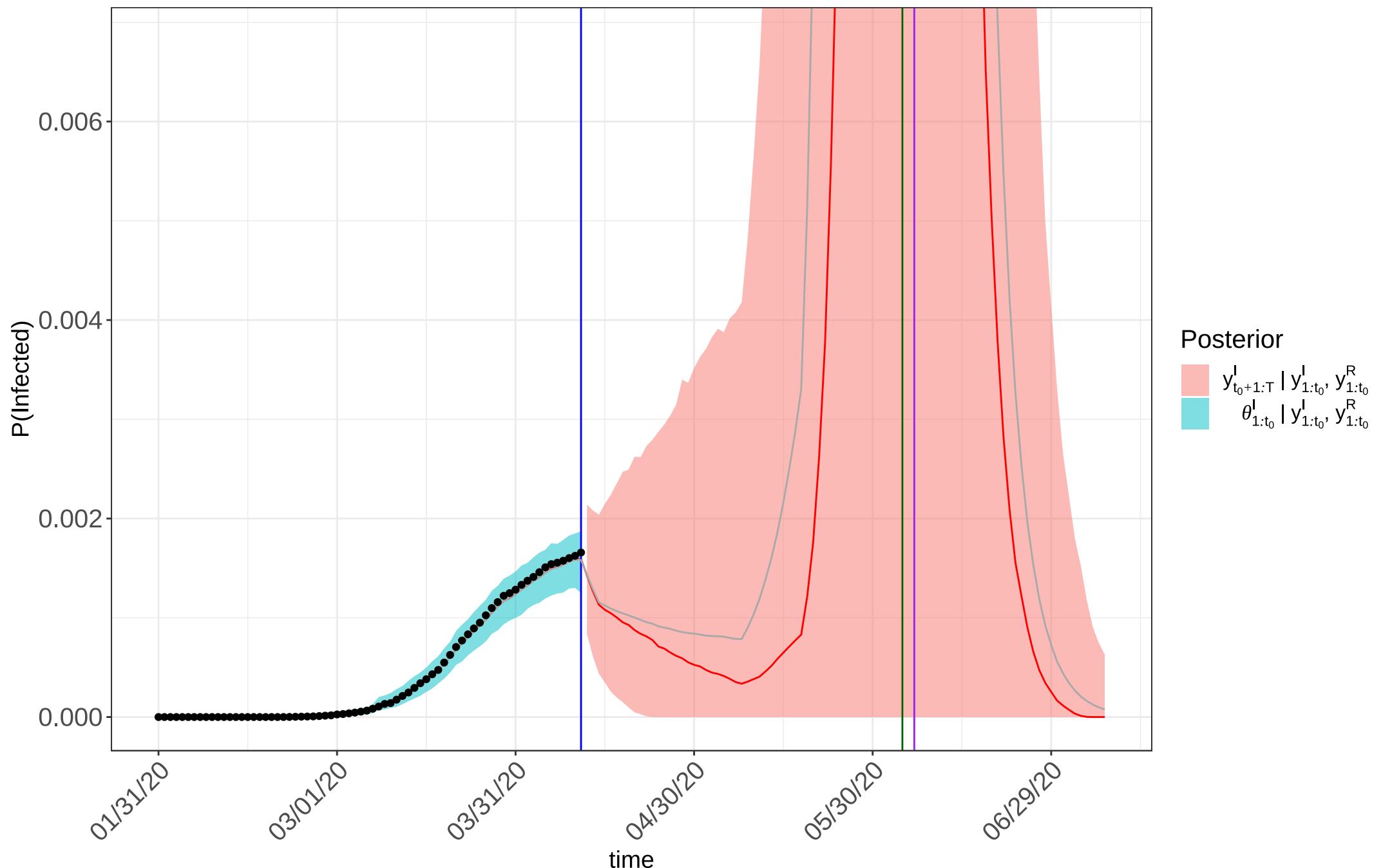
Italy\_lockdown: infection forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

Posterior  $\beta_p=1.58, \gamma_p=0.344$  and  $R_p=4.61$



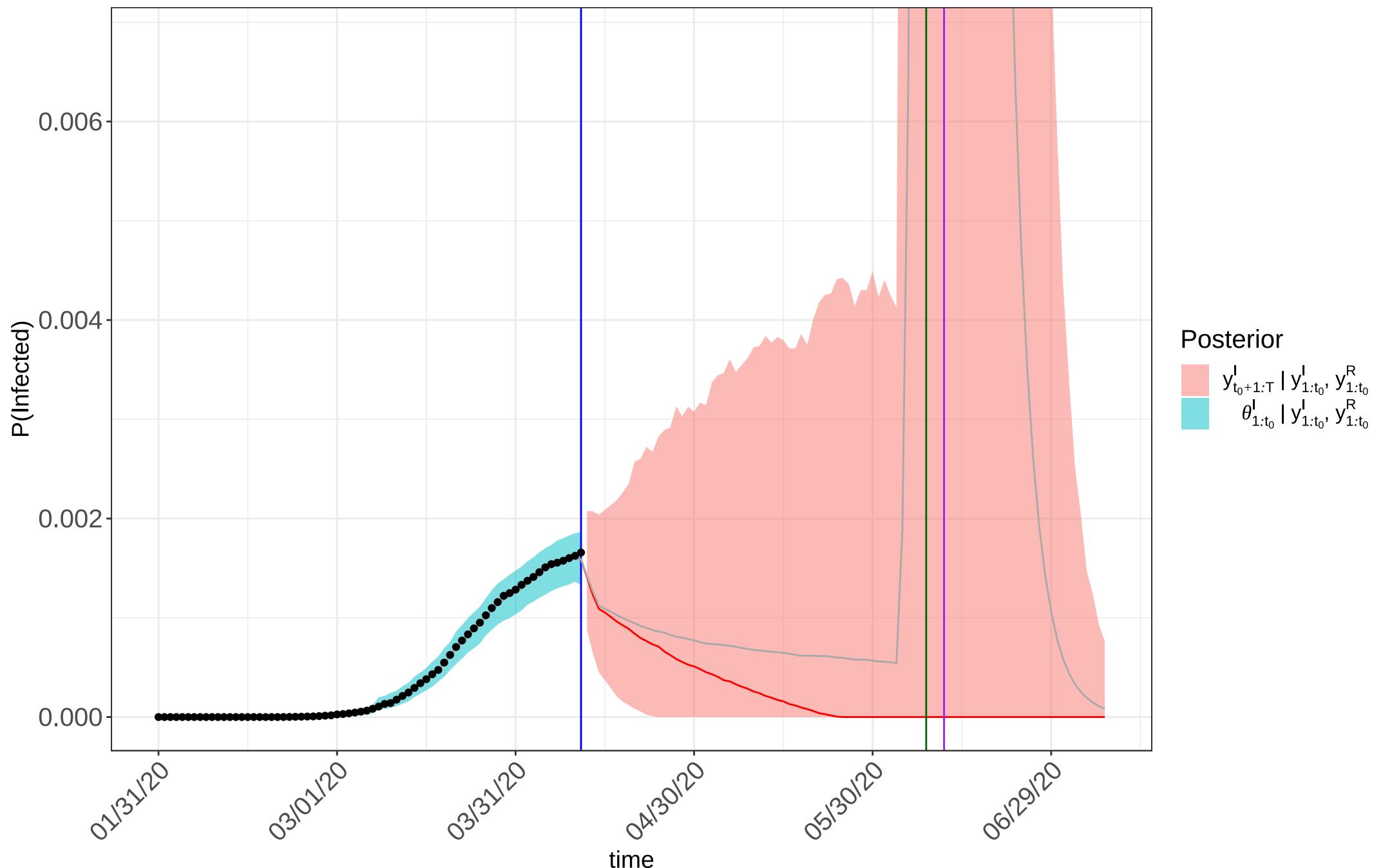
Italy\_after\_1\_may\_and\_18\_reopen: infection forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

Posterior  $\beta_p=1.5, \gamma_p=0.329$  and  $R_p=4.58$



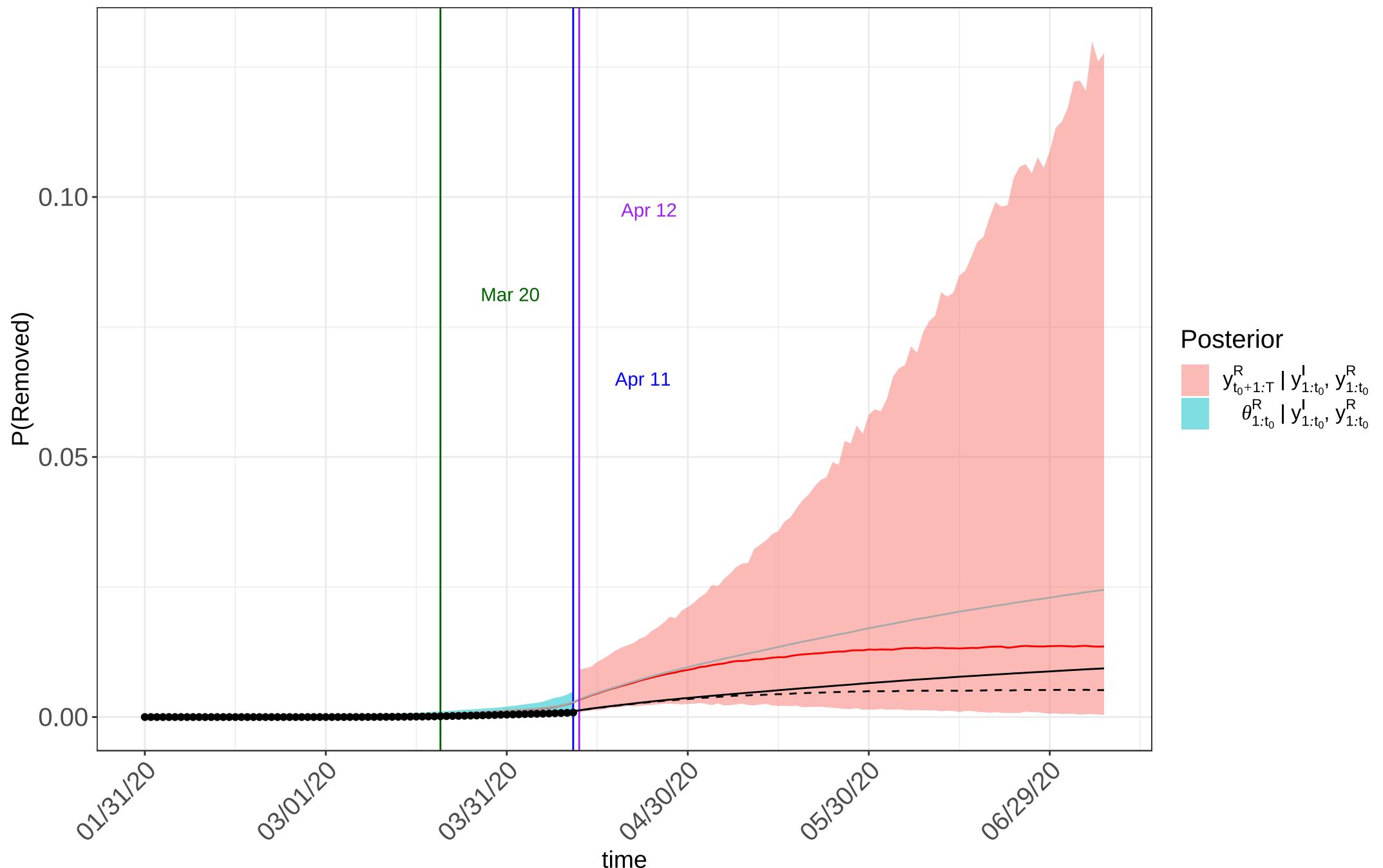
Italyafter\_2\_june\_reopen: infection forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

Posterior  $\beta_p=1.62, \gamma_p=0.359$  and  $R_p=4.54$



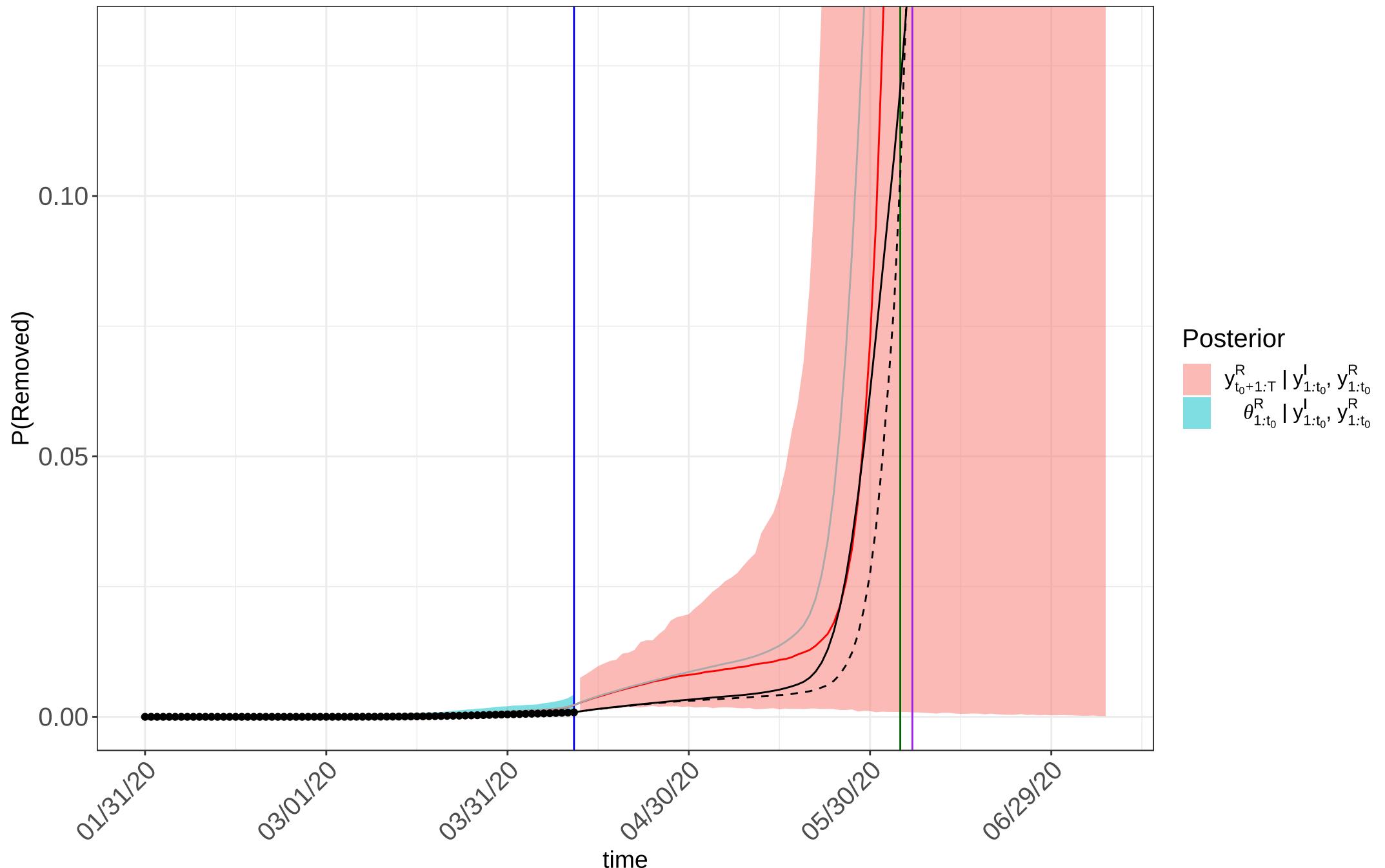
Italy\_lockdown: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.58, \gamma_p=0.344$  and  $R_p=4.61$



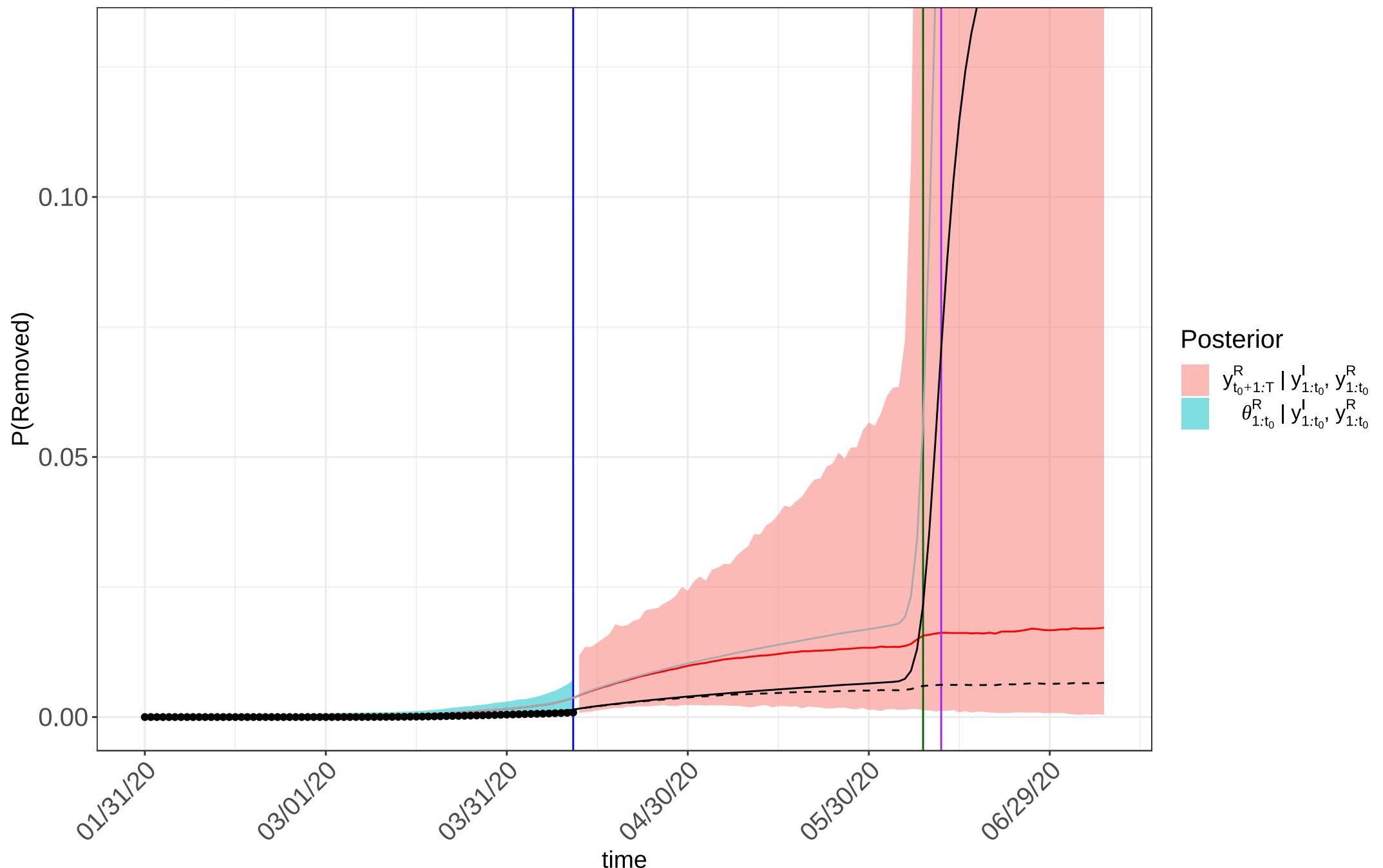
Italy\_after\_1\_may\_and\_18\_reopen: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.5, \gamma_p=0.329$  and  $R_0=4.58$



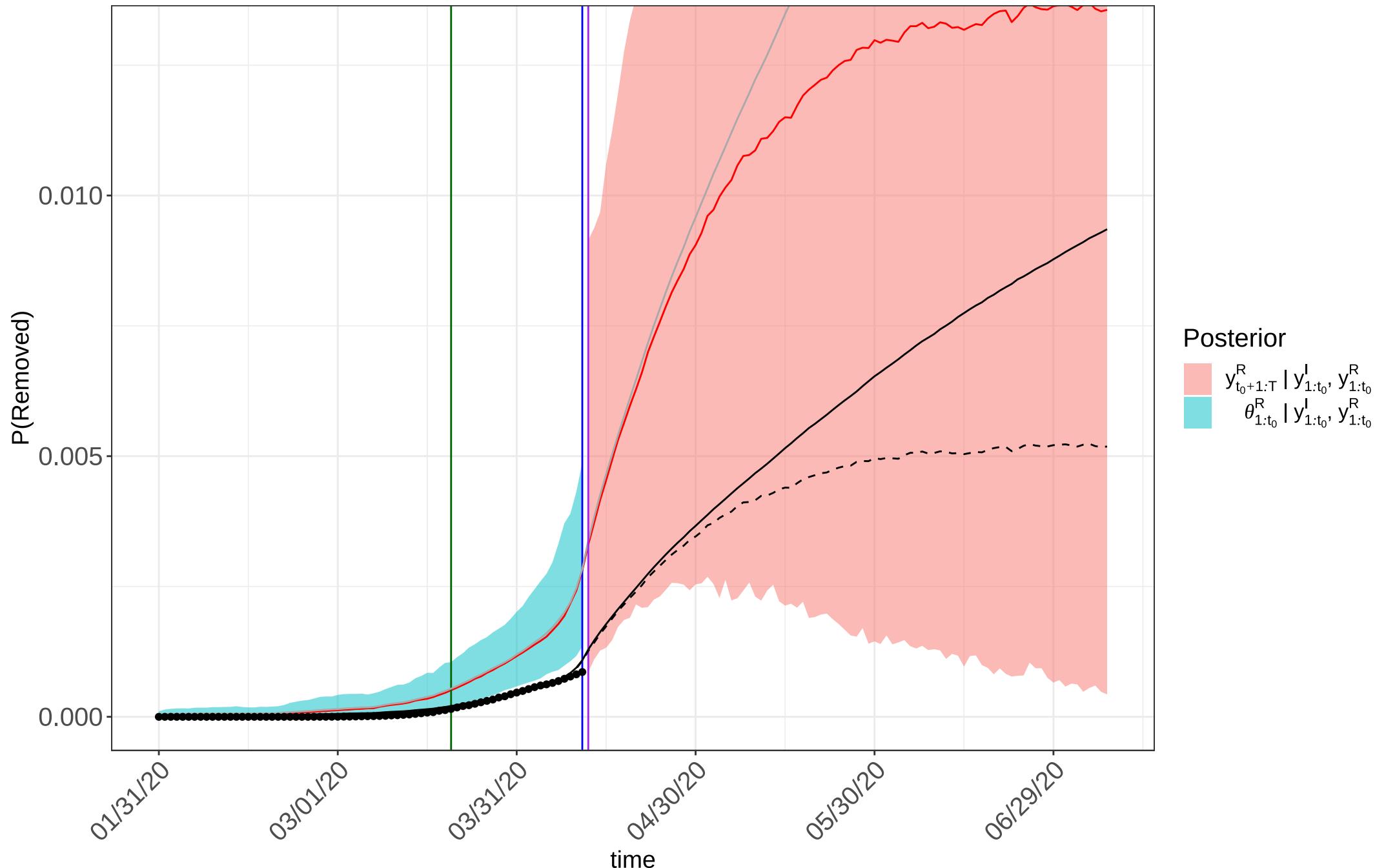
Italyafter\_2\_june\_reopen: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.62, \gamma_p=0.359$  and  $R_p=4.54$



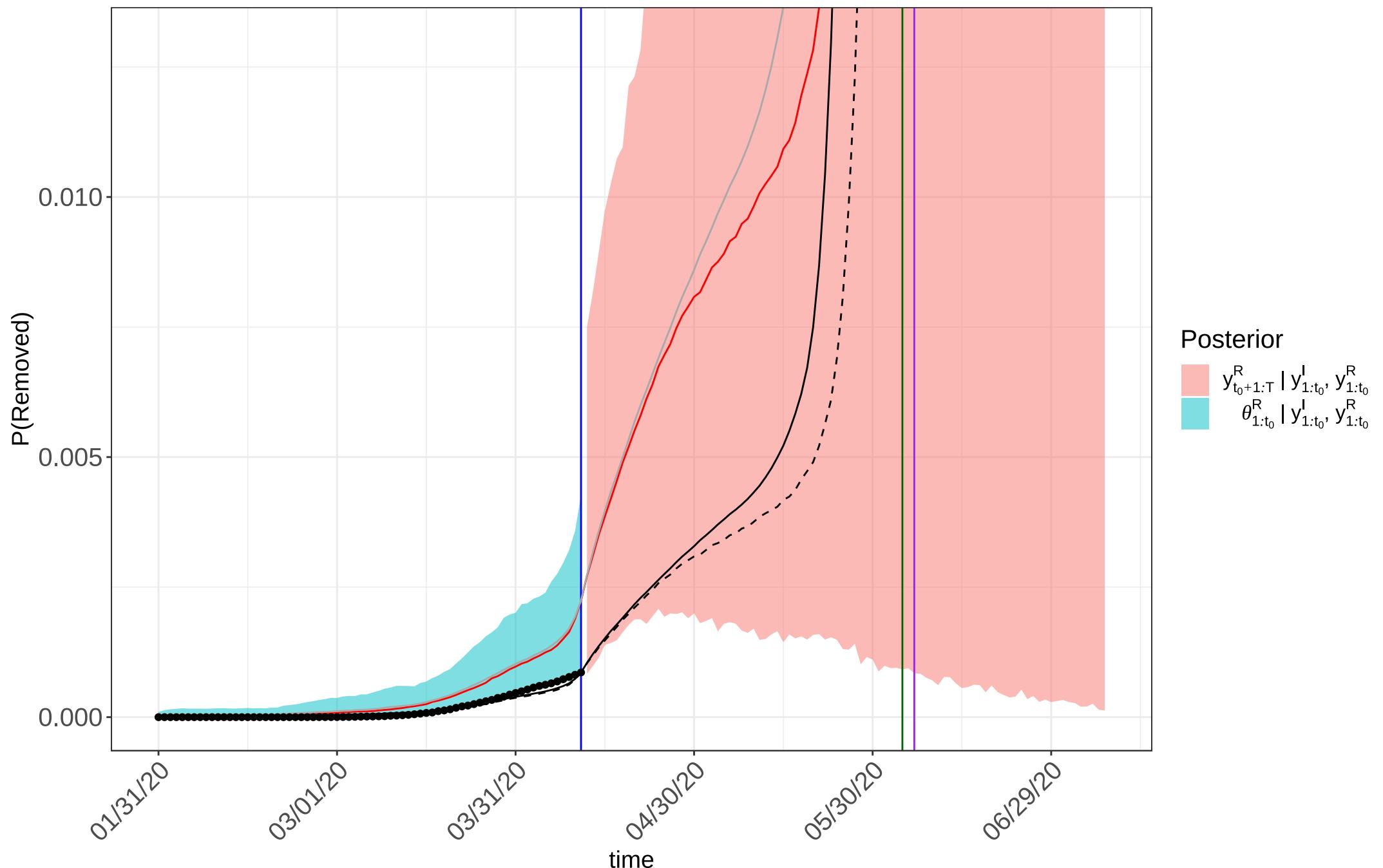
Italy\_lockdown: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.58, \gamma_p=0.344$  and  $R_p=4.61$



Italy\_after\_1\_may\_and\_18\_reopen: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.5, \gamma_p=0.329$  and  $R_p=4.58$



Italyafter\_2\_june\_reopen: removed forecast with prior  $\beta_0=1, \gamma_0=0.867$  and  $R_0=1.15$

posterior:  $\beta_p=1.62, \gamma_p=0.359$  and  $R_p=4.54$

