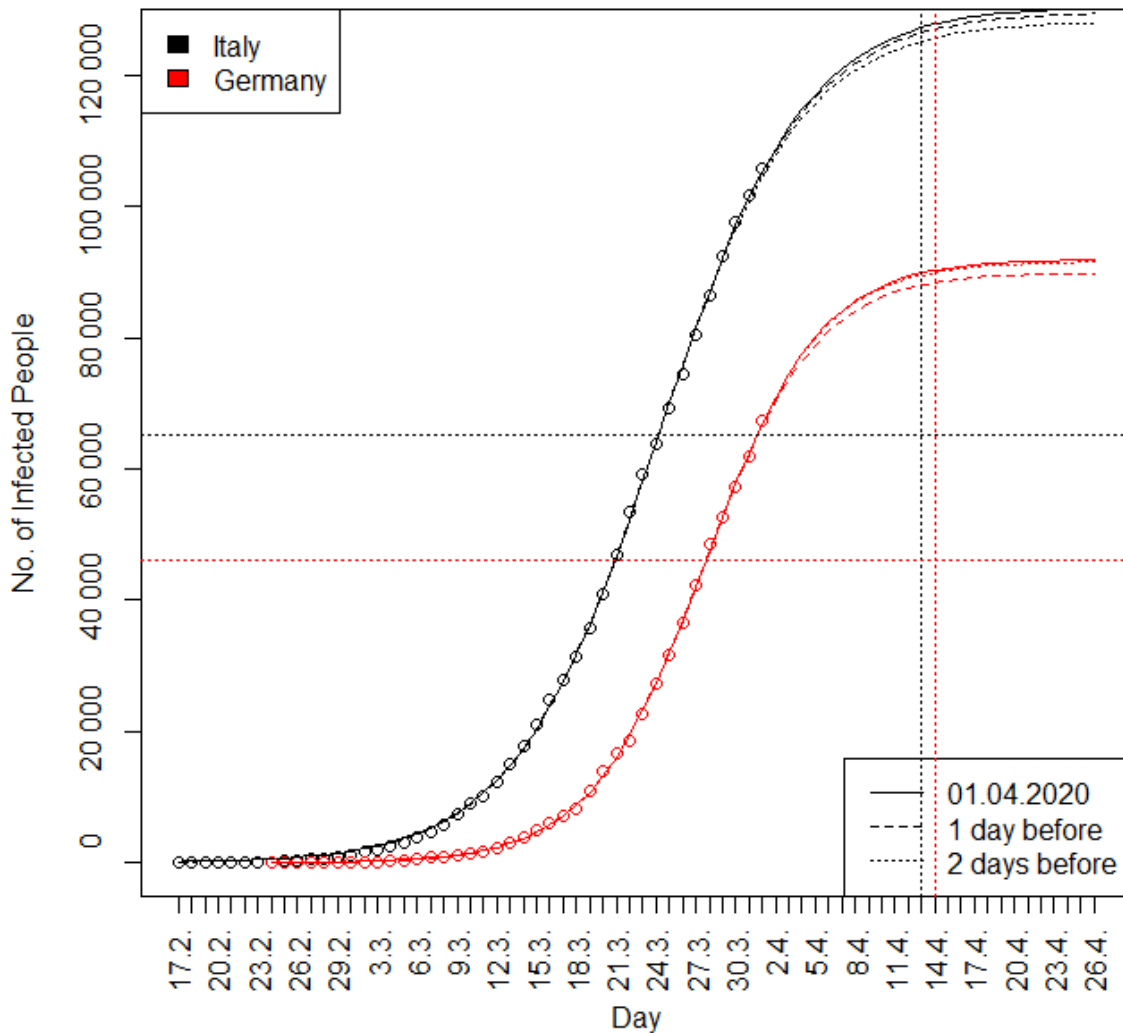


01.04.2020: COVID-19 Pandemic: Germany: Turning Point reached, Maximum no. of first wave infections estimated as around 90000, stabilization just after Easter

Progression of Infection for COVID-19



(State: 01.04.2020 , Sources: G:RKI, I:Johns Hopkins)

The figure shows the predicted progression of COVID-19 infections for Italy and Germany with data starting at 17.02.2020 (Italy) and 24.02.2020 (Germany), respectively, and ending at 31.03.2020. Circles represent observations of the no. of infected people as reported by the Robert-Koch-Institut (RKI, Berlin) for Germany and the Johns Hopkins University (USA) for Italy. Lines represent predictions from optimally fitted **Logistic Models** for different data endpoints (the actual endpoint and the two days before). This way, we intend to demonstrate the (in)stability of the predictions in dependence of the endpoint of observed data. Vertical dotted lines indicate start of stagnation for Italy (black) and Germany (red). Horizontal dotted lines indicate turning points.

It appears that the estimated upper limit of the no. of infected people in the first wave of the pandemic is now relatively stable at around 90000 for Germany and 130000 for Italy. The turning point of the infections (i.e. start of falling no. of new infections) has been reached at 25.03.2020 for Italy and at 28.03.2020 for Germany. Stagnation of the reported numbers of infections (meaning less than 500 new daily infections) is predicted for both countries for just after Easter (13./14.4.2020).