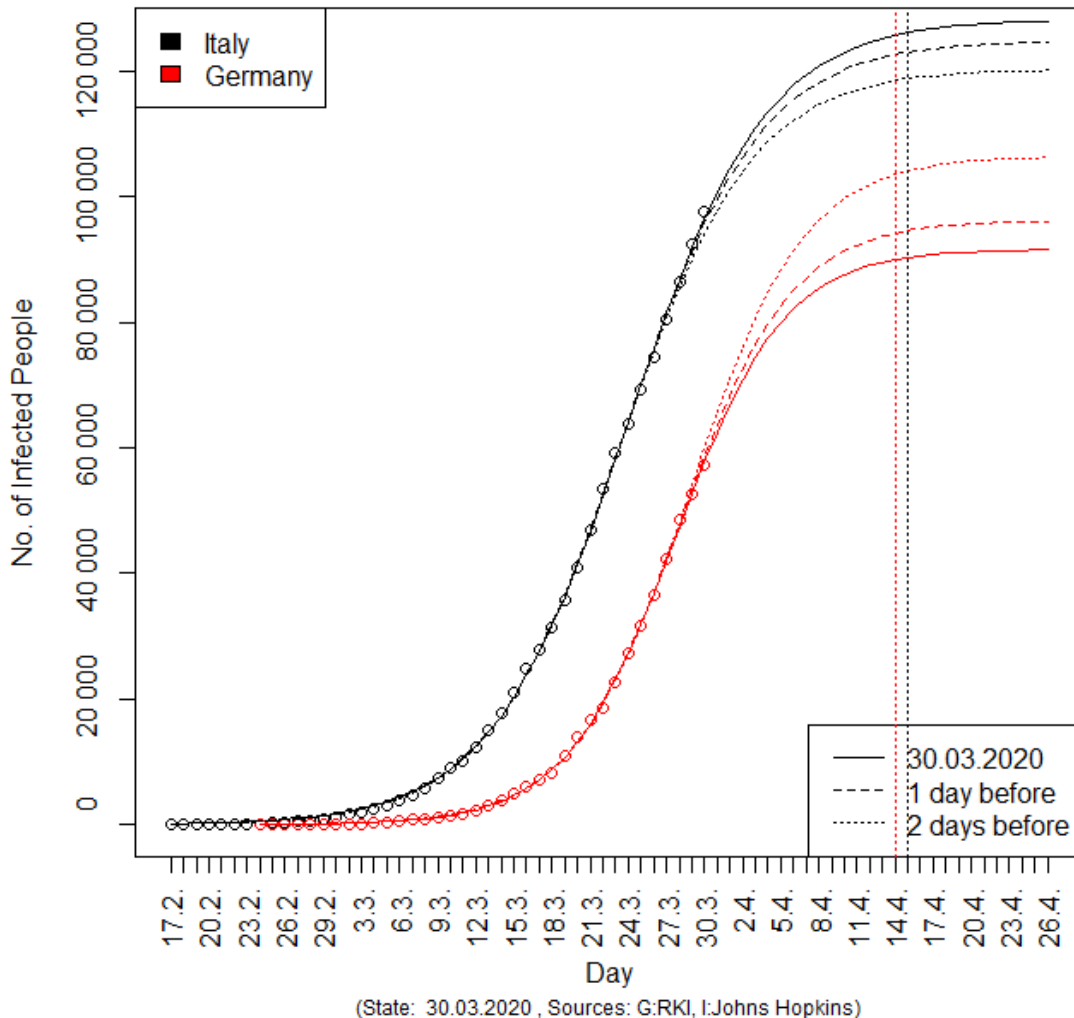


30.03.2020: COVID-19 Pandemic: Turning Point reached also for Germany: Maximum no. of first wave infections now around 90000, stabilization just after Easter

Progression of Infection for COVID-19



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 30.03.2020. Circles represent observations of the number 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).

It appears that the estimated upper limit of the no. of infected people in the first wave of the pandemic has again shrunk to around 90000 for Germany. For Italy, one should expect around 130000 infected people. Note that this limit was increasing for Italy in the last few days in contrast to Germany. 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 for Germany at 28.03.2020. Stagnation of the reported numbers of infections (meaning less than 500 new daily infections) is predicted for both countries for just after Easter (14./15.4.2020).