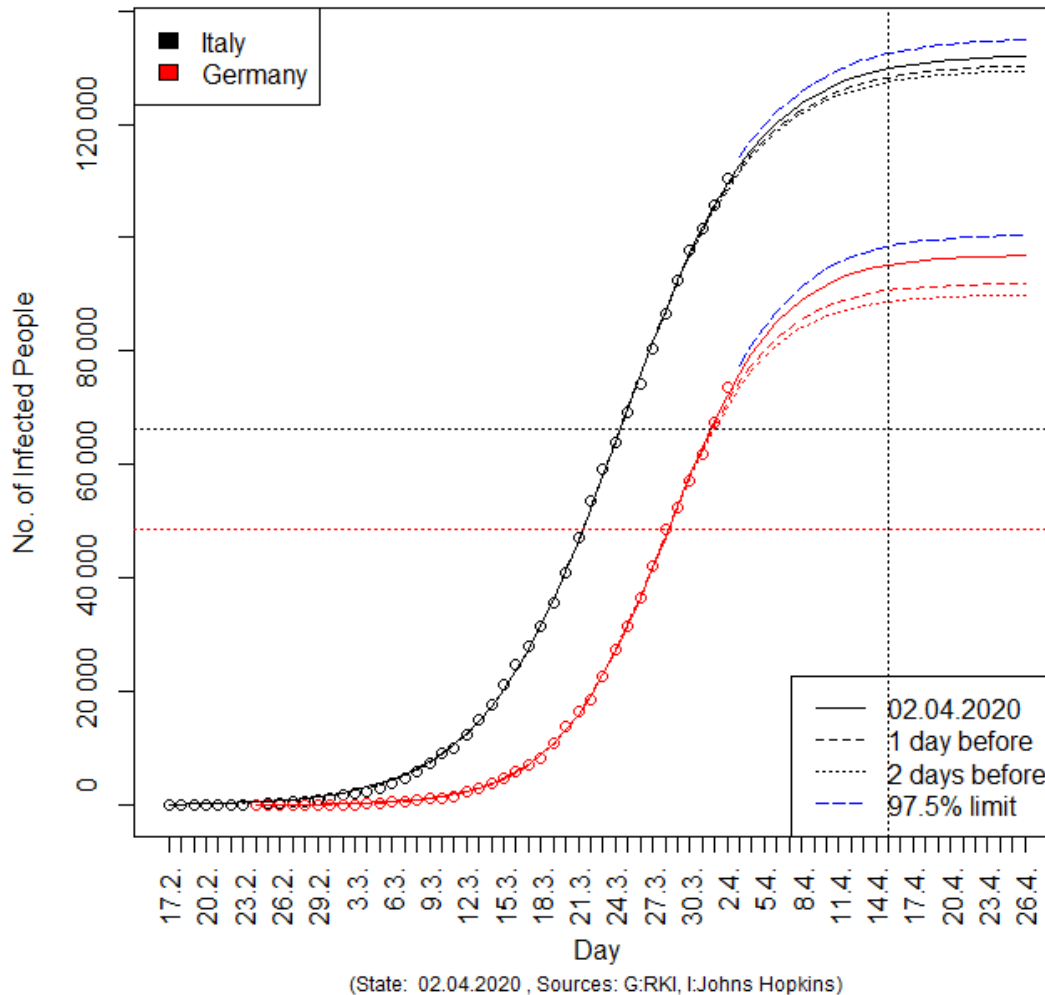


**02.04.2020: COVID-19 Pandemic: Germany: Turning Point reached, Maximum no. of first wave infections estimated as around 95 000, stabilization just after Easter**

**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 02.04.2020. 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. We also added the upper limit of the 95% prediction interval (97.5% limit) as another indicator of uncertainty. 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 has again somewhat increased to 95000 for Germany, but is relatively stable at around 130000 for Italy. The uncertainty of these numbers is relatively low. 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 (15.4.2020).