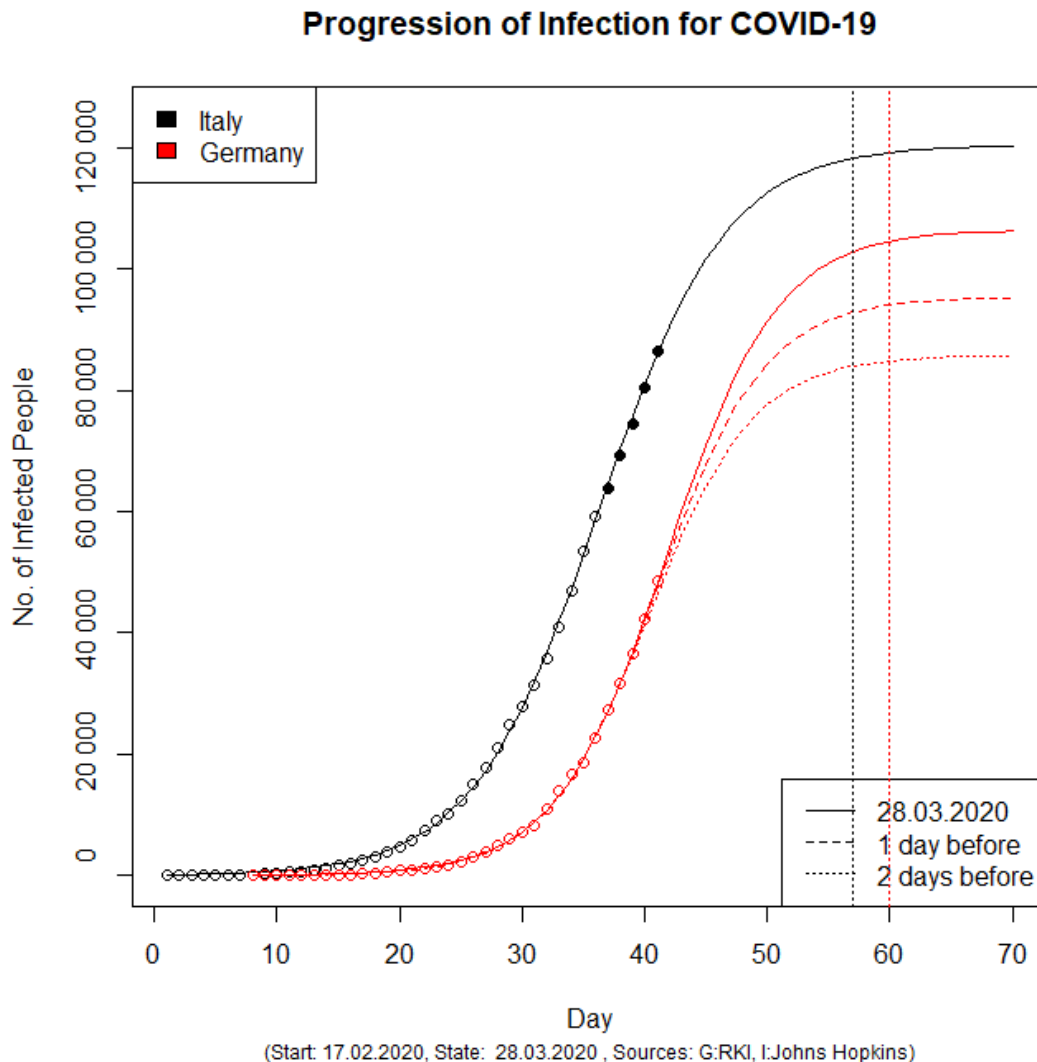


28.03.2020: COVID-19 Pandemic: Turning Point not yet reached for Germany: Maximum no. of first wave infections now around 105 000, stabilization the week after Easter



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 28.03.2020. 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. Filled circles for Italy represent observations not used for model building. Lines represent predictions from optimally fitted **Logistic Models** for the data endpoint 23.03.2020 for Italy, and for different data endpoints (the actual endpoint and the two days before) for Germany. This way, we intend to demonstrate the adequacy of our Italian model only based on data until 23.03.2020 and the (in)stability of the predictions for Germany 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 grown now to around 105 000 for Germany. For Italy, one should expect around 120 000 infected people. The turning point of the infections (i.e. start of falling no. of new infections) has been reached at 23.03.2020 for Italy, but for Germany not even today. Stagnation of the reported numbers of infections (meaning less than 500 new daily infections) is predicted for Italy for day 57 and for Germany for day 60 after 17.02.2020, i.e. for the week after Easter 2020.