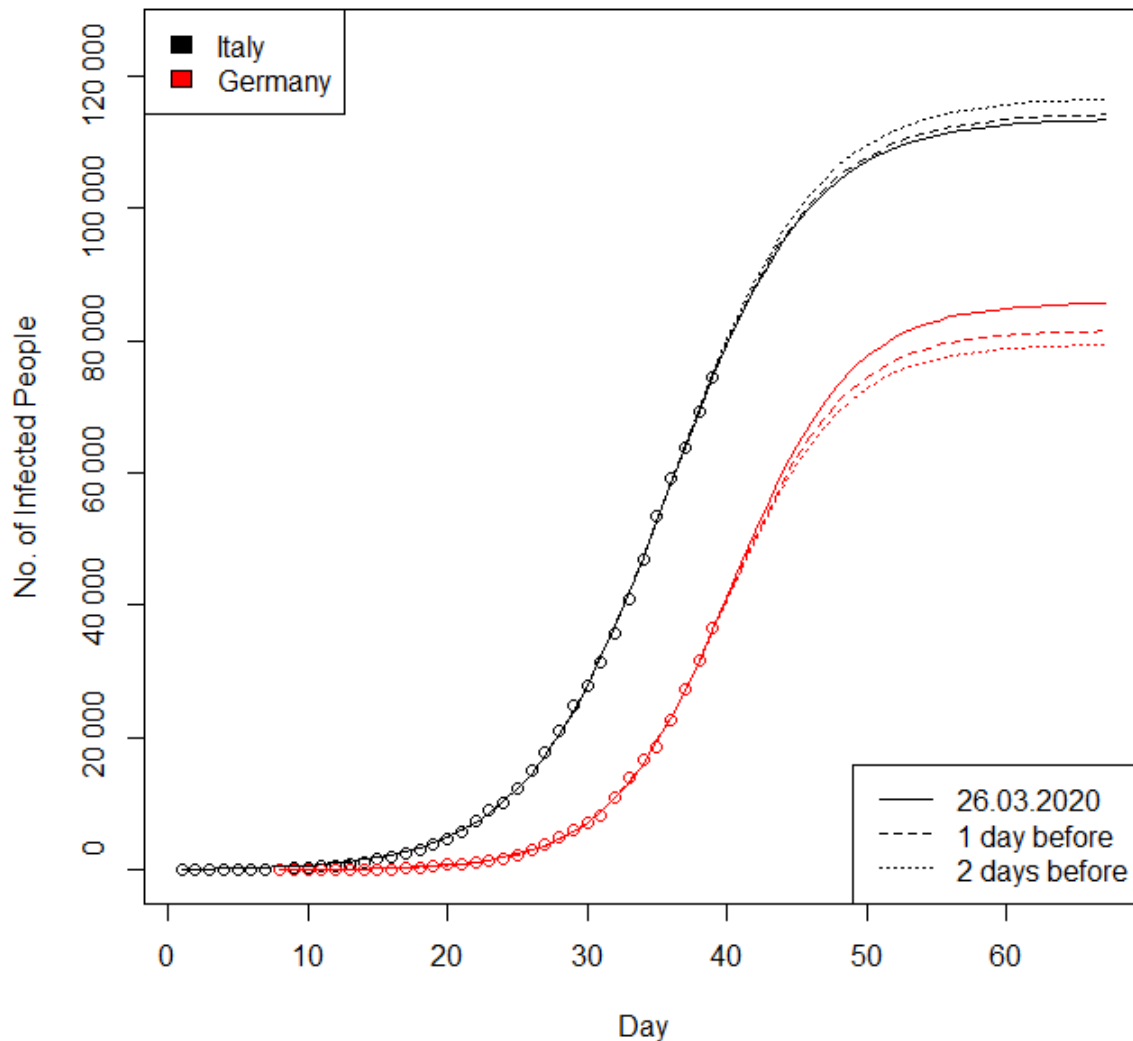


## COVID-19 Pandemic: Turning Point not yet reached for Germany: Maximum no. of first wave infections around 85 000, stabilization just before Easter

### Progression of Infection for COVID-19



The figure shows the predicted progression of the COVID-19 infection for Italy and Germany with data starting at 17.02.2020 (Italy) and 24.02.2020 (Germany), respectively, and ending at 26.03.2020. 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. This way, we intend to demonstrate the (in)stability of the predictions in dependence of the data situation.

It appears that the estimated upper limit of the number of infected people in the first wave of the pandemic is quite stable now near 85 000 for Germany. For Italy, one should expect around 115 000 infected people. Moreover, the turning point of the infections has been reached three days ago for Italy, but for Germany not even today. Finally, stagnation of the reported numbers of infections in Germany and Italy is predicted for around day 55 after 17.02.2020, i.e. just before Easter 2020.