Forecast COVID-19 in Germany Week number (2020/21) 13 15 29 25 27 Hospitalized (ARDS) Deaths R0 = 0.42.5e-32 R0 = 0.6R0 = 0.8R0 = 1R0 = 1.22.0e-32 R0 = 1.4R0 = 1.6R0 = 1.8R0 = 2R0 = 2.250 100 150 200 Days after 01/17/2020

Created by Sören Thiering (11/10/2020). Email: soeren.thiering@hs-anhalt.de

Forecast COVID-19 in Germany Week number (2020/21) 13 15 29 25 27 Hospitalized (ARDS) Deaths t = 19 2.5e-32 t = 22t = 25 t = 282.0e-32 t = 34t = 37t = 40t = 43t = 46t = 49200 50 100 150 Days after 01/17/2020

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Forecast COVID-19 in Germany Week number (2020/21) 13 15 29 11 25 27 Hospitalized (ARDS) Deaths t = 19 t = 22t = 25t = 28 t = 31t = 34t = 37t = 40t = 430.2 log_e(Cases) t = 46t = 490.0 -0.2 -0.4 0.2 0.4 Growth Rate (D^{-1}) 50 100 150 200

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Days after 01/17/2020