Covid-19 evolution, 15 most affected countries (data from JHU CSSE, 8/10/21) Growth rate (%) of confirmed  $\left(\frac{\Delta confirmed}{confirmed}\right)$ Total number of confirmed Total number of confirmed (log scale) 1e7 1.75 10<sup>8</sup> 3.0 1.50 2.5 1.25 2.0 -1.00 1.5 0.75 1.0 - $10^{6}$ 0.50 0.5 0.25 01/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11 Acceleration of confirmed  $\left(\frac{\Delta^2 confirmed}{\Delta^2 confirmed}\right)$ confirmed by day  $\left(\frac{\Delta confirmed}{\Delta t}\right)$ confirmed by day  $\left(\frac{\Delta confirmed}{\Delta t}\right)$  (log scale) 350000 10000 300000 250000 5000 10<sup>5</sup> 200000 150000 100000 50000 -1000001/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/03 01/05 01/07 01/09 01/11 01/01 01/03 01/05 01/07 01/09 01/11