Covid-19 evolution, 15 most affected countries (data from JHU CSSE, 9/7/21) Growth rate (%) of confirmed $\left(\frac{\Delta confirmed}{confirmed}\right)$ Total number of confirmed for 10⁶ people Total number of confirmed for 10⁶ people (log scale) 10^{6} 120000 1.75 100000 1.50 10^{5} 80000 1.25 1.00 60000 10^{4} 0.75 40000 0.50 20000 10^{3} 0.25 0.00 01/07 01/10 01/01 01/07 01/10 01/01 01/07 01/10 01/01 01/04 01/07 01/10 01/07 01/10 01/01 01/04 01/10 Acceleration of confirmed for 10^6 people $\left(\frac{\Delta^2 confirmed}{(\Delta + 1)^2}\right)$. confirmed by day for 10^6 people $\left(\frac{\Delta confirmed}{\Delta t}\right)$. confirmed by day for 10^6 people $\left(\frac{\Delta confirmed}{\Delta t}, \frac{10^6}{population}\right)$ (log scale) population , 20 10^{3} 10² 200 -20 10^{1} -40 -200 01/04 01/07 01/10 01/01 01/04 01/07 01/10 01/07 01/10 01/01 01/04 01/07 01/10 01/04 01/07 01/10 01/01 01/04 01/07 01/10