Covid-19 evolution, 15 most affected countries (data from JHU CSSE, 11/8/21) Growth rate (%) of deaths $\left(\frac{\Delta deaths}{deaths}\right)$ Total number of deaths Total number of deaths (log scale) 700000 1.75 600000 1.50 Russia 500000 1.25 10^{5} 400000 300000 0.75 200000 0.50 100000 0.00 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/01 01/11 01/01 01/03 01/05 01/07 01/09 01/11 01/01 01/01 01/03 01/05 01/07 01/09 01/11 01/01 Acceleration of deaths $\left(\frac{\Delta^2 deaths}{(\Delta t)^2}\right)$ deaths by day $\left(\frac{\Delta deaths}{\Delta t}\right)$ deaths by day $\left(\frac{\Delta deaths}{\Delta t}\right)$ (log scale) 150 3500 100 3000 2500 2000 -1500 -50 1000 -100 10^{1} -150 01/01 01/03 01/05 01/07 01/11 01/01 01/01 01/03 01/05 01/01 01/01 01/03 01/05 01/11 01/01 01/09 01/09 01/11 01/07 01/09