Covid-19 evolution, 15 most affected countries (data from JHU CSSE, 8/15/21) Total number of deaths for 10⁶ people Growth rate (%) of deaths $\left(\frac{\Delta deaths}{deaths}\right)$ Total number of deaths for 10⁶ people (log scale) 6000 1.75 5000 1.50 4000 1.25 3000 1.00 10^{3} 0.75 2000 0.50 1000 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 deaths by day for 10^6 people $\left(\frac{\Delta deaths}{\Delta t}, \frac{10^6}{population}\right)$ deaths by day for 10^6 people $\left(\frac{\Delta deaths}{\Delta t}, \frac{10^6}{population}\right)$ (log scale) Acceleration of deaths for 10^6 people $\left(\frac{\Delta^2 deaths}{(\Delta t)^2}, \frac{10^6}{population}\right)$ 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