Covid-19 evolution, spec (data from JHU CSSE 9/11/20, day $0=1^{st}$ day with $deaths \ge 3$) Total number of deaths for 10⁶ people Total number of deaths for 10⁶ people (log scale) Growth rate (%) of deaths $\left(\frac{\Delta deaths}{deaths}\right)$ 600 500 400 300 10^{1} 200 100 100 200 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 $\left(\frac{\Delta^2 deaths}{(\Delta t)^2}, \frac{10^6}{population}\right)$ 1.5 - 10^{1} 0.5 10^{-1} -0.5 10^{-2} 100 150 200 100 150 100 150 200 50 200