Covid-19 evolution, Oceania (data from JHU CSSE 10/11/20, day  $0=1^{st}$  day with  $deaths \ge 3$ ) Growth rate (%) of deaths  $\left(\frac{\Delta deaths}{deaths}\right)$ Total number of deaths for 10<sup>6</sup> people Total number of deaths for 10<sup>6</sup> people (log scale) \_Victoria(Australia 120 les every 7 days 100 es every 8 days  $10^{1}$ \_New Zealand every 15 days \_South Australia(Australia)  $10^{0}$ 200 100 150 200 100 200 Acceleration of deaths for  $10^6$  people  $\left(\frac{\Delta^2 deaths}{(\Delta t)^2}, \frac{10^6}{population}\right)$ deaths by day for  $10^6$  people  $\left(\frac{\Delta deaths}{\Delta t}, \frac{10^6}{population}\right)$  (log scale) deaths by day for  $10^6$  people  $\left(\frac{\Delta deaths}{\Delta t}, \frac{10^6}{population}\right)$ 0.10 2.5 0.05 2.0 ANEW Oceania ustralia (Australia)) Ilia 1.5 -0.05  $10^{-1}$ -0.100.5  $10^{-2}$ -0.15-0.20150 150 200 200 100 200