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 Total number of deaths (log scale) 10<sup>3</sup> Oceania 12 800 les every 7 days 10 oles every 8 days 600 10<sup>2</sup> New South Wales (Australia) 400 every 15 days 200 - $10^{1}$ \_New South Wales(Australia) South Australia (Australia) (Oceania ustralia (Australia))) lia) 200 200 150 100 200 50 100 150 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) 17.5 0.50 15.0  $10^{1}$ 0.25 12.5 ANEW Zealandustralia (Australia)) lia) 0.00 10.0 -0.257.5 -0.50-0.75  $10^{-1}$ -1.00Oceania Australia) W. Zealandustralia (Australia) ) ilia) -1.25100 150 200 150 200 100 150 200 100 50