Covid-19 evolution, South America (data from JHU CSSE 10/11/20, day  $0=1^{st}$  day with  $deaths \ge 3$ ) Growth rate (%) of recovered  $\left(\frac{\Delta recovered}{recovered}\right)$ Total number of recovered (log scale) Total number of recovered South America 10<sup>7</sup>  $10^{6}$ Brazil  $10^{5}$  $10^{4}$ Acceleration of recovered  $\left(\frac{\Delta^2 recovered}{(\Delta t)^2}\right)$ recovered by day  $\left(\frac{\Delta recovered}{\Delta t}\right)$ recovered by day  $\left(\frac{\Delta recovered}{\Delta t}\right)$  (log scale) 10<sup>5</sup> South America  $10^{4}$  $10^{3}$ -500 -1000 -1500