South Africa Susceptible & vaccinated **Mobility** 100 -10norm 80 -20 % of population % deviations from -30 60 -40 S_t : low vaccines 40 -50 V_t : low vaccines Baseline -60 20 Low vaccines -70 0 2020-04 2020-07 2020-10 2021-01 2021-04 2021-07 2021-10 2022-01 2020-04 2020-07 2020-10 2021-01 2021-04 2021-07 2021-10 2022-01