Saudi Arabia Susceptible & vaccinated **Mobility** -10 100 -20 % deviations from norm 80 -30 % of population 60 -40 *S*_t: reinfect 40 -50 V_t : reinfect Baseline -60 20 Reinfection -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