Modelling of new cases of COVID-19 per day: incidence rate with varying levels of social mixing (exposures per day) and probabilities of infection at each expo 10 exposures per day 5 exposures per day 2 exposures per day Probability of infection R0 = 2.51R0 = 1.18each exposure: 0.05 R0 = 1.6975 -100 % of population infected 99 % of population infected 61 % of population infected 50 -25 -Probability of infection t each exposure: 0.02 R0 = 1.51R0 = 1.23R0 = NANew cases per day 75 **-**99 % of population infected 2 % of population infected 88 % of population infected 50 -25 at each exposure: 0.0° Probability of infection R0 = NAR0 = 1.23R0 = NA75 -69 % of population infected 4 % of population infected 0 % of population infected 50 -25 -200 300 200 200 100 100 300 100 300 Days since start of epidemic