ABM Dynamics 6.0×10^4 Susceptible 5.0×10^4 Exposed 4.0×10^{4} Infected Recovered 3.0×10^4 Dead 2.0×10^4 1.0×10^4 0 250 500 750 1000 0 Agents response to n Reproduction number 0.25 Ro -η -Happiness 5 0.20 0.15 0.10 3 0.05 2 0.00 0 250 500 750 1000 0 250 500 750 1000