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 5.5 Ro 0.002 5.0 0.000 4.5 -0.002-0.0044.0 Happiness -0.0063.5 0 250 500 750 1000 250 500 750 1000 0