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 1.0×10^4 250 500 750 1000 0 Reproduction number Agents response to n Ro 5.0 0.002 0.000 4.5 -0.002-0.0044.0 -0.006Happiness 3.5 0 250 500 750 1000 250 500 750 1000 0