ABM Dynamics 6.0×10^4 Susceptible 5.0×10^4 Exposed Infected 4.0×10^4 Recovered 3.0×10^4 Dead 2.0×10^4 1.0×10^{4} 0 250 500 750 1000 0 Reproduction number Agents response to n 2.75 0.75 happiness Ro 0.50 2.50 0.25 2.25 0.00 -0.252.00 -0.501.75 -0.750 250 500 750 1000 250 500 750 1000 0