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 0.9 Ro 5 0.6 4 0.3 3 0.0 2 -0.3Happiness 1000 0 250 500 750 0 250 500 750 1000