Equilibrium as a function of T, singular type, $\theta=5$ Subfigure A: Social Activity 5 4 3 2 N_1^* $N = \frac{1}{\tau}$ 1 N_{spp} 0 Subfigure B: Epidemic Severity 1.0 Ψ* R_{∞} 8.0 0.6 0.4 0.2 0.0 Subfigure C: Utility -1.0 $U(N_1^*; \Psi^*)$ $U(\theta, \Psi(\theta, T))$ -1.2 U_{spp} -1.4-1.6-1.8-2.0

0.2

0.0

0.4

transmissibility T

0.6

0.8

1.0