$R_0 = 3.0$ and N = 8000Individuals 2 3 2 2 3 3 2 3 5 5 5 6 0.12 m=150 ; $\bar{t}=8.7$ days; $\sigma_t=5.7$ days 0.10 0.06 0.02 0.00 2.5 5.0 7.5 10.0 15.0 17.5 20.0

12.5

Time [days]