Transmission = 0.9 Death = 0.1 100 -100 -Number in population 80 -Biomass 40 -0 — 0 — 100 100 Time Time Transmission = 0.1 Death = 0.1 100 -100 -Number in population 80 -80 -Biomass 60 -40 -0 — 40 40 60 Time Time Transmission = 0.3 Death = 0.9 100 -100 -Number in population 80 -Biomass 40 -20 -0 — 0 —

Time

Time