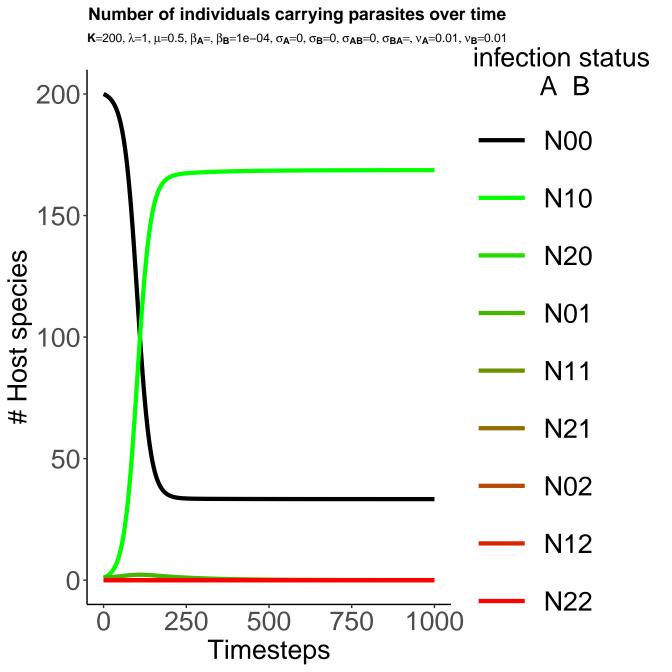
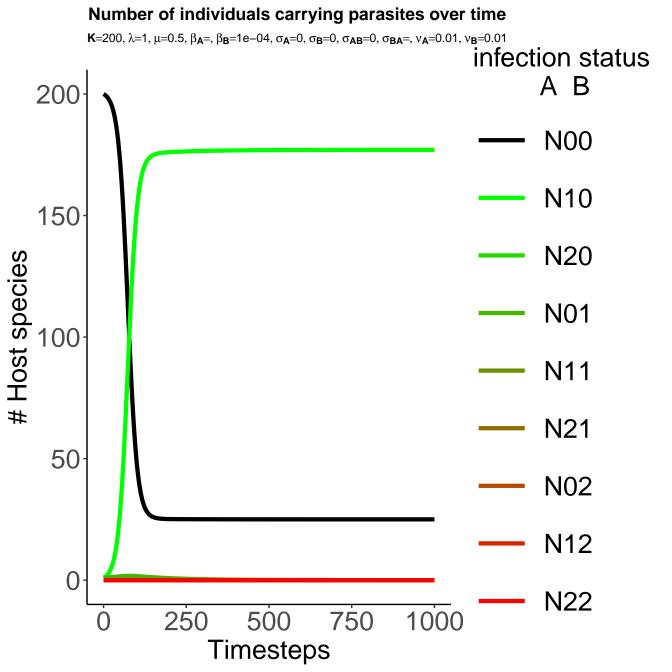
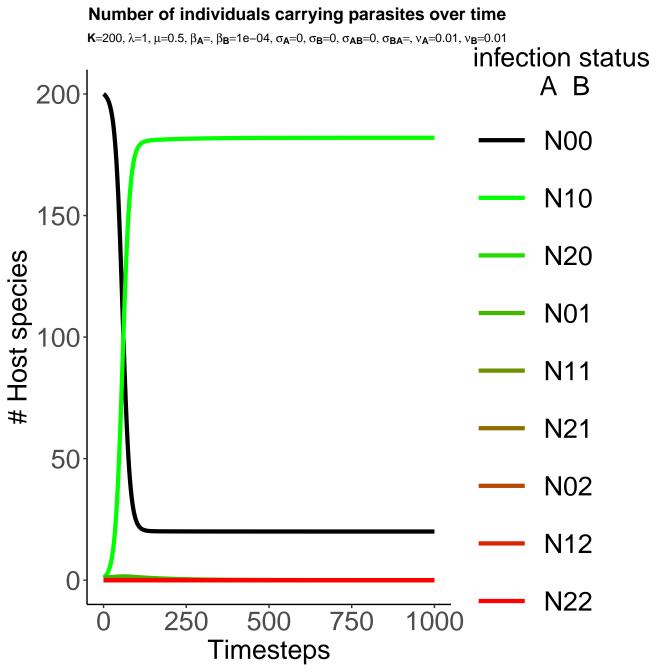
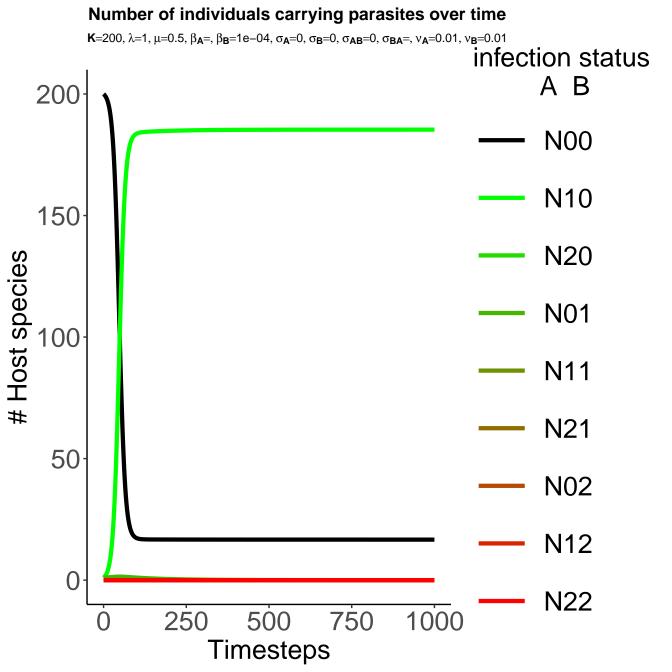
Number of individuals carrying parasites over time $K=200, \lambda=1, \mu=0.5, \beta_{A}=, \beta_{B}=1e-04, \sigma_{A}=0, \sigma_{B}=0, \sigma_{AB}=0, \sigma_{BA}=, \nu_{A}=0.01, \nu_{B}=0.01$ infection status A B 200 N00 N10 150 N20 # Host species N01 100 N11 N21 50 N02 N12 0 N22 750 1000 250 500 **Timesteps**

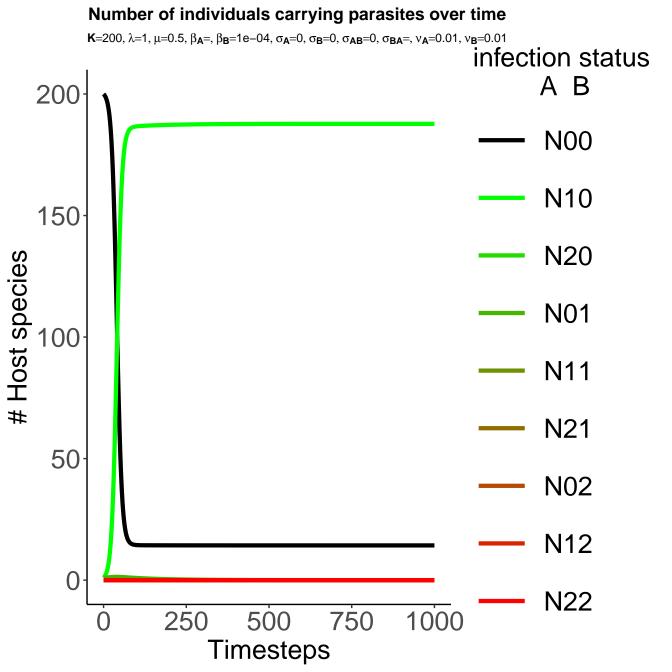
Number of individuals carrying parasites over time $K=200, \lambda=1, \mu=0.5, \beta_{A}=, \beta_{B}=1e-04, \sigma_{A}=0, \sigma_{B}=0, \sigma_{AB}=0, \sigma_{BA}=, \nu_{A}=0.01, \nu_{B}=0.01$ infection status AB200 N00 **N10** 150 **N20** # Host species N01 100 N11 N21 50 N02 N12 0 N22 750 1000 500 250 **Timesteps**











Number of individuals carrying parasites over time $K=200, \lambda=1, \mu=0.5, \beta_{A}=, \beta_{B}=1e-04, \sigma_{A}=0, \sigma_{B}=0, \sigma_{AB}=0, \sigma_{BA}=, \nu_{A}=0.01, \nu_{B}=0.01$ infection status AB200 N00 **N10** 150 **N20** # Host species N01 100 N11 N21 50 N02 N12 0 N22 500 750 1000 250 **Timesteps**

