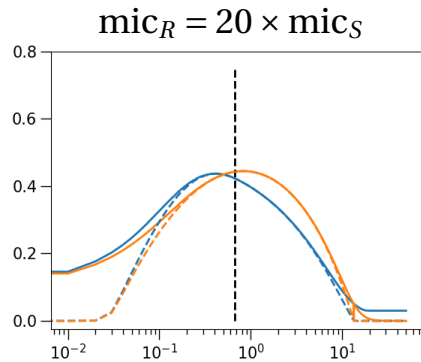
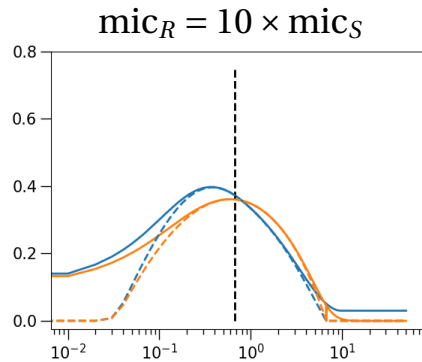
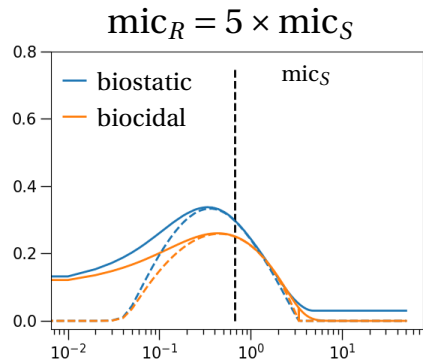
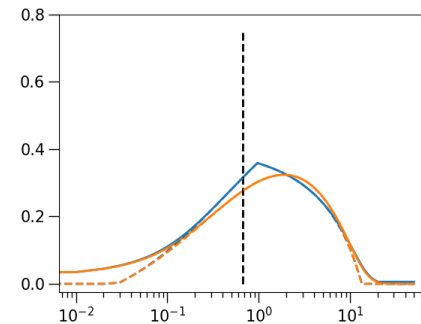
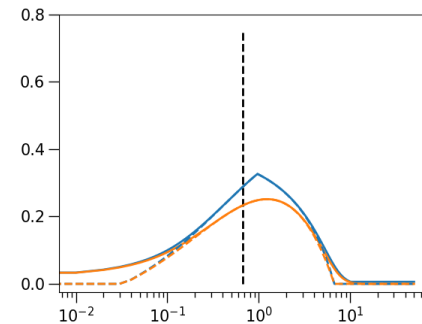
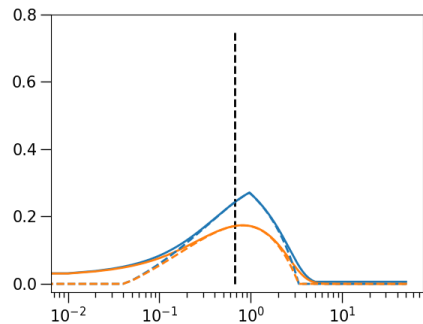


survival probability



birth
competition



death
competition

antibiotic concentration c