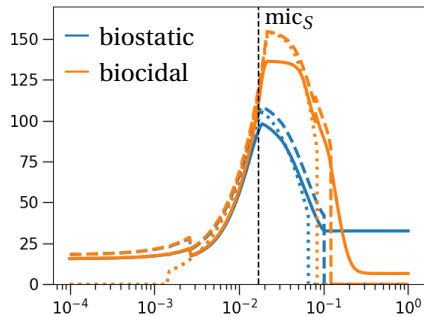
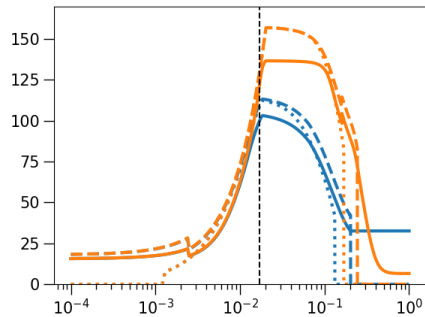


mean carriage time

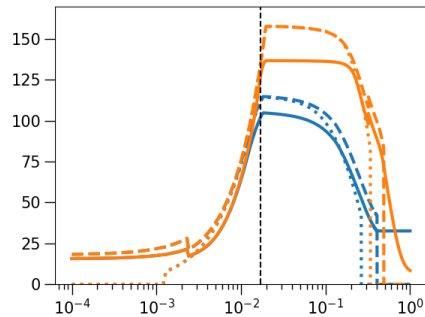
$$\text{mic}_R = 5 \times \text{mic}_S$$



$$\text{mic}_R = 10 \times \text{mic}_S$$



$$\text{mic}_R = 20 \times \text{mic}_S$$



birth
competition

antibiotic concentration c