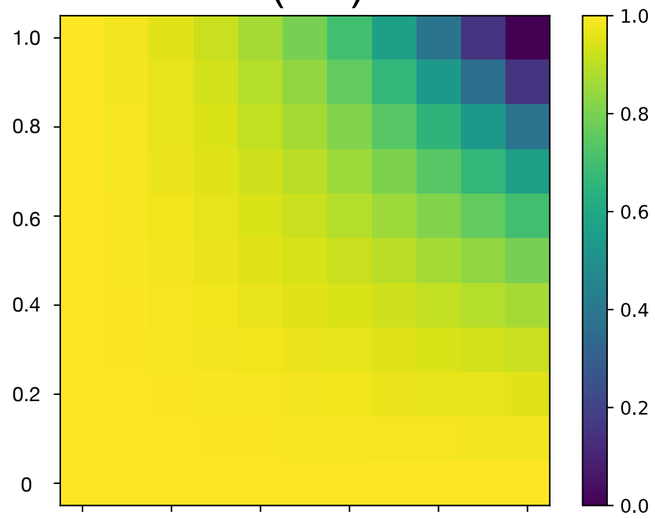
Scaled host population size, x_H/K_H

Scaled symbiont population size, x_S/K_S

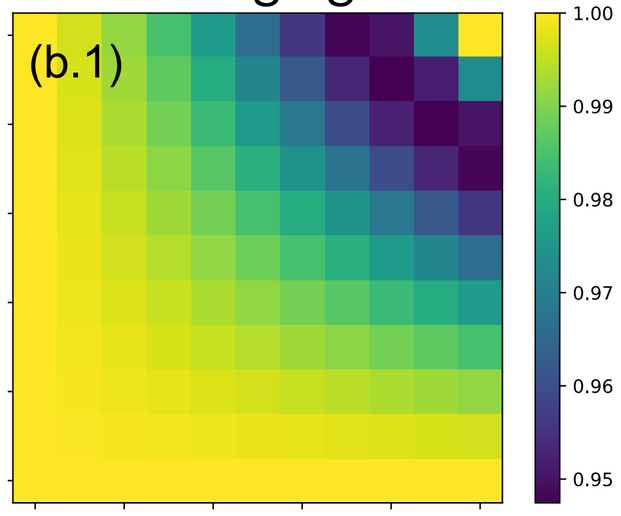
Scaled collective population size, x_C/K_C

r_C = 1, K_C = 10

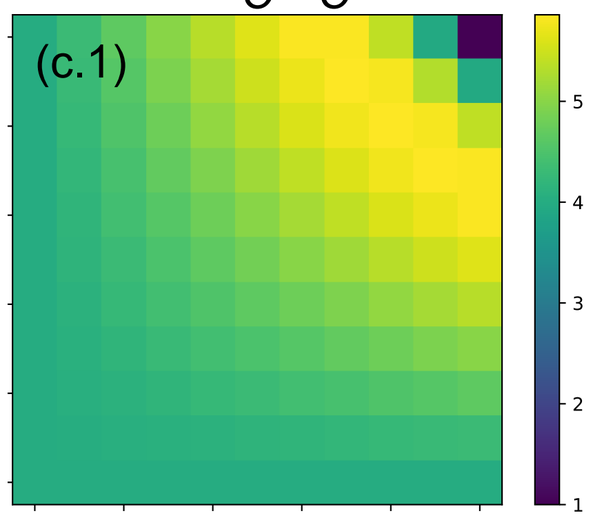
(a.1)



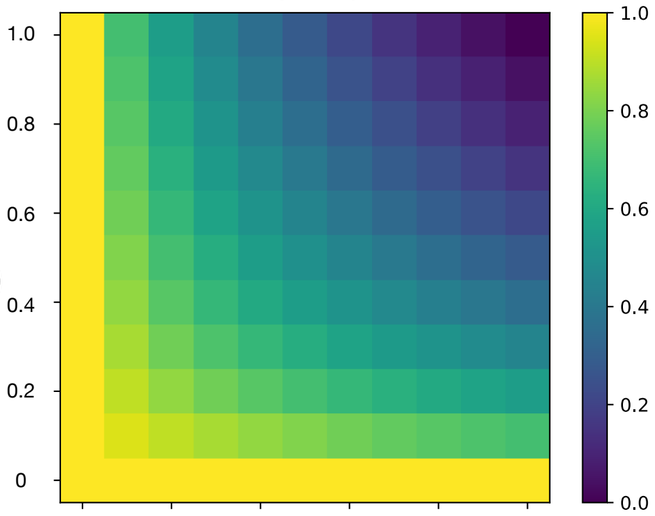
(b.1)



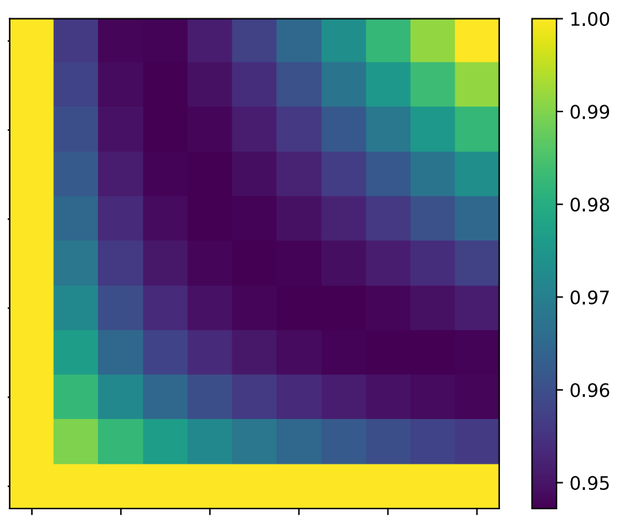
(c.1)



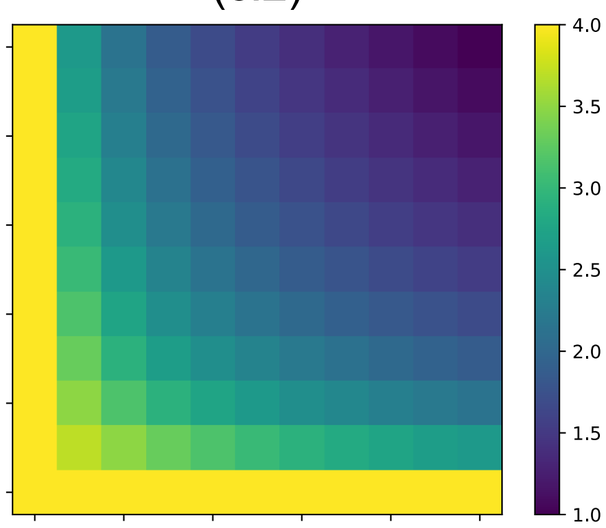
(a.2)



(b.2)



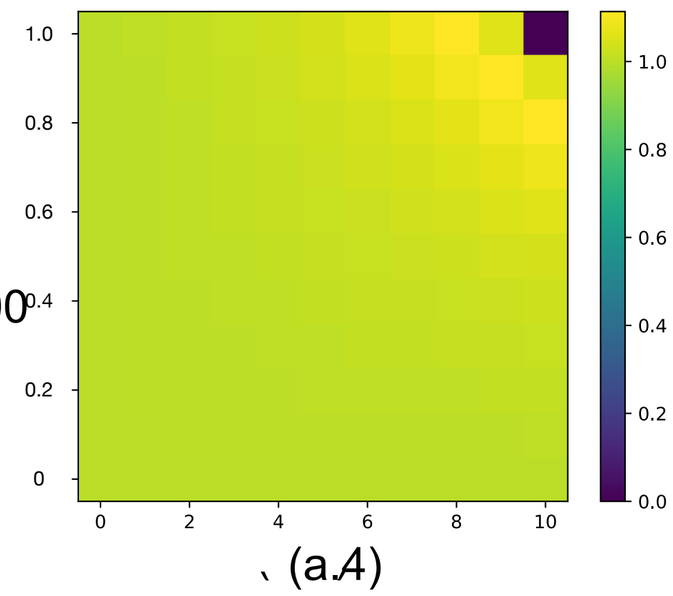
(c.2)



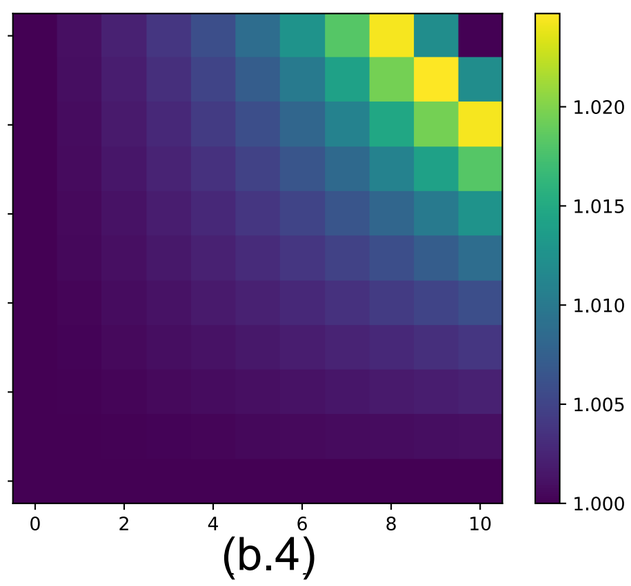
r_C = 40, K_C = 10

(a.3)

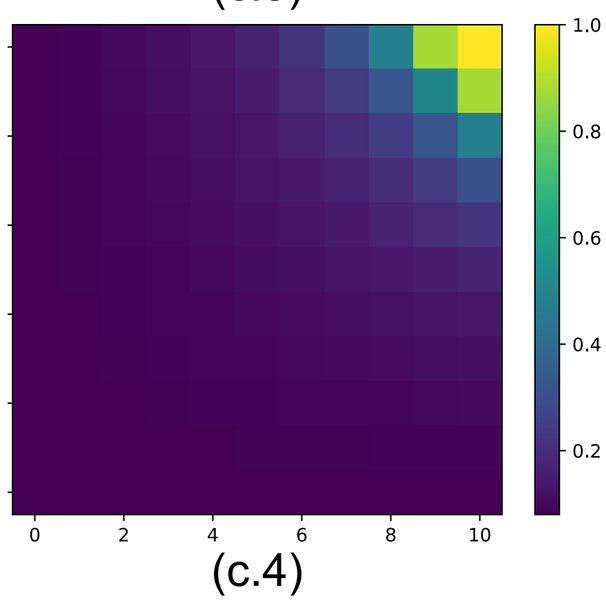
Symbiont adhesion, α_S



(b.3)



(c.3)



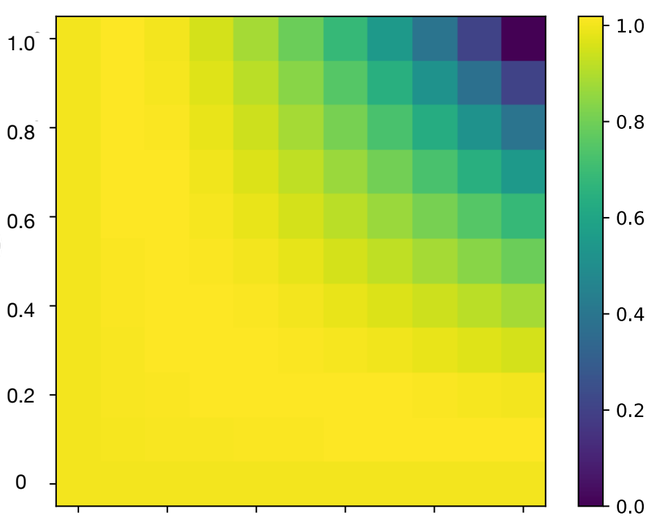
r_C = 1.0, K_C = 500

(a.4)

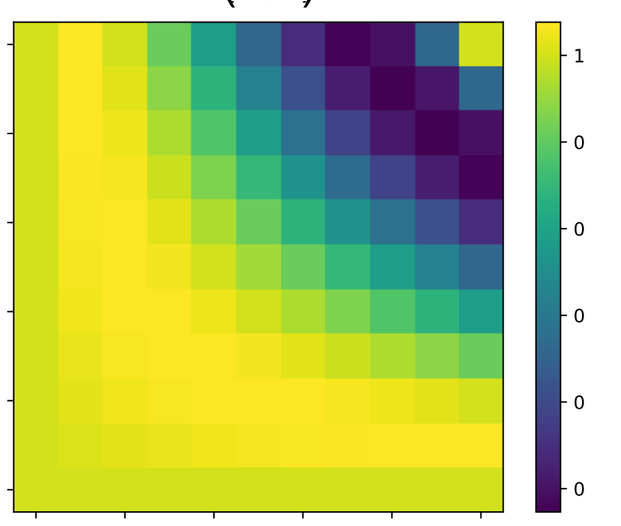
(b.4)

(c.4)

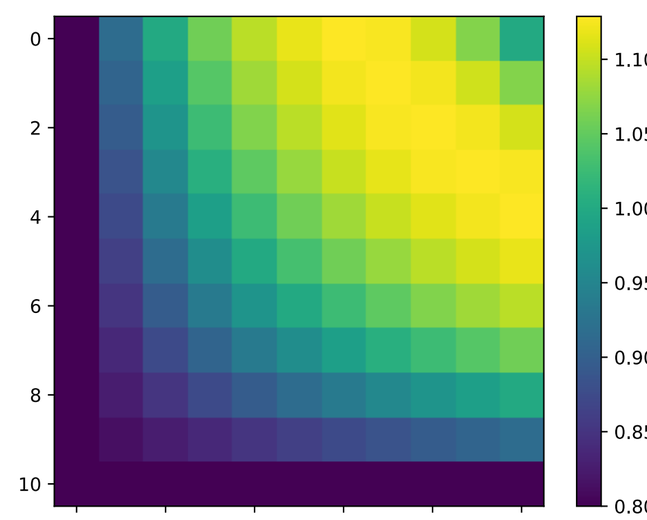
(a.5)



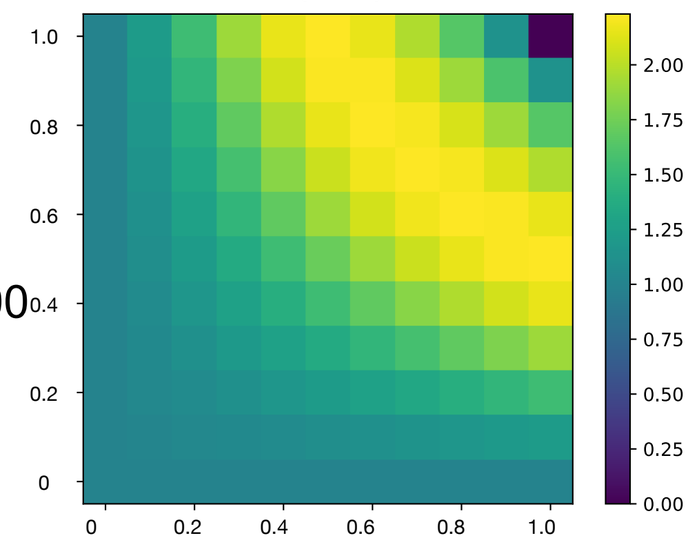
(b.5)

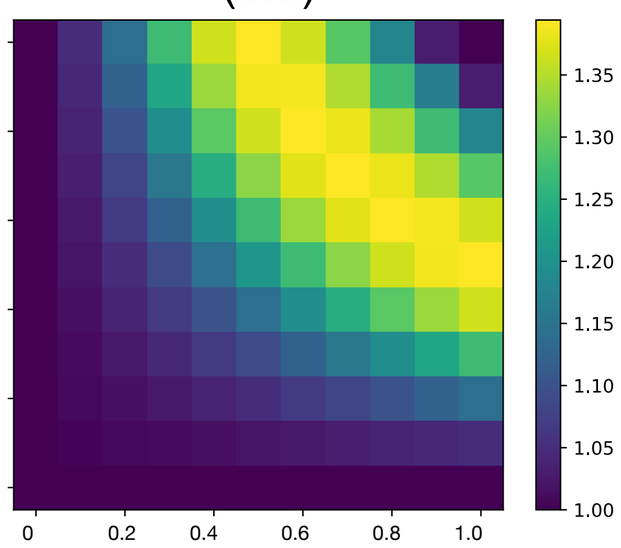


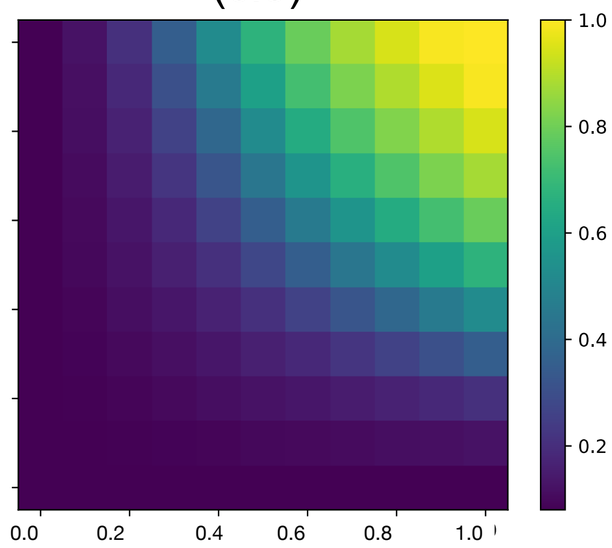
(c.5)



r_C = 40, K_C = 50







r_C = 40, K_C = 500

Host adhesion, α_H