

Scaled host population size, x_H/K_H

Scaled symbiont population size, x_S/K_S

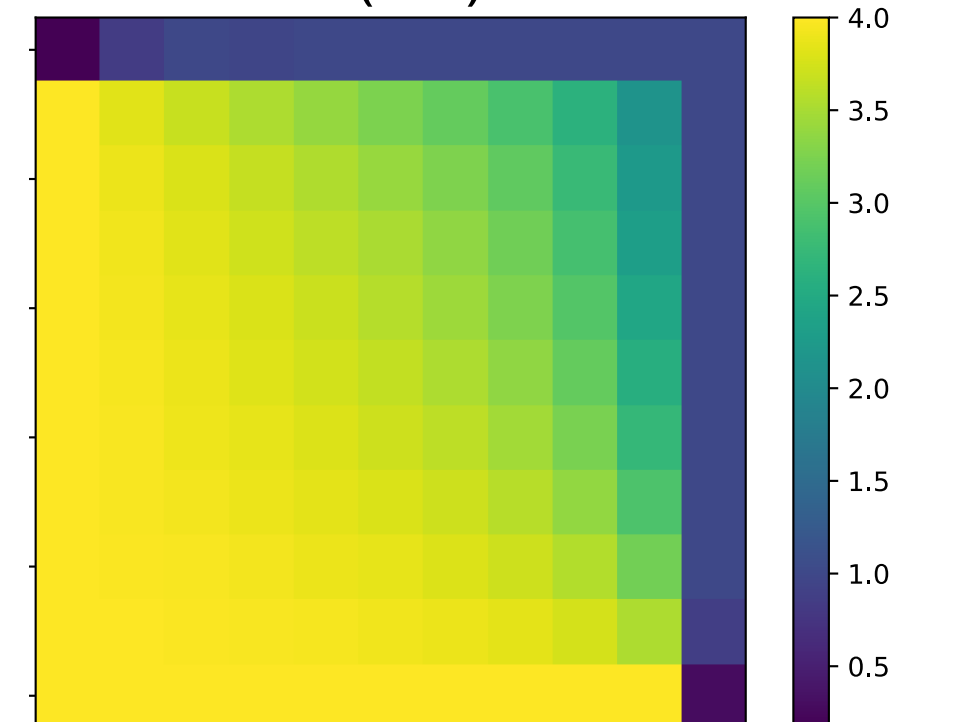
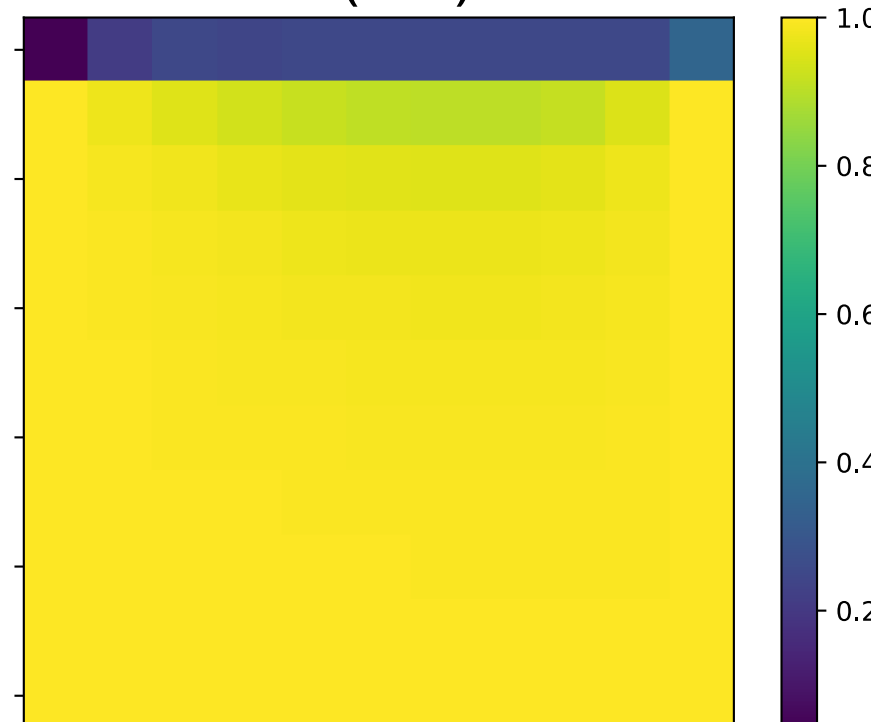
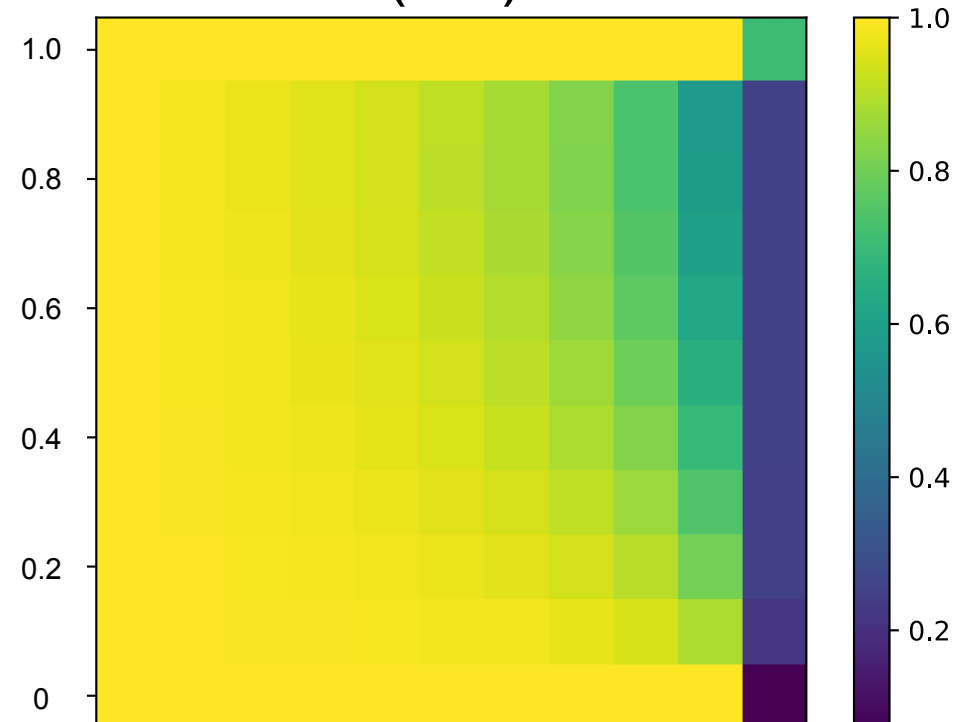
Scaled collective population size, x_C/K_C

(a.1)

(b.1)

(c.1)

$r_C = 1, K_C = 10$

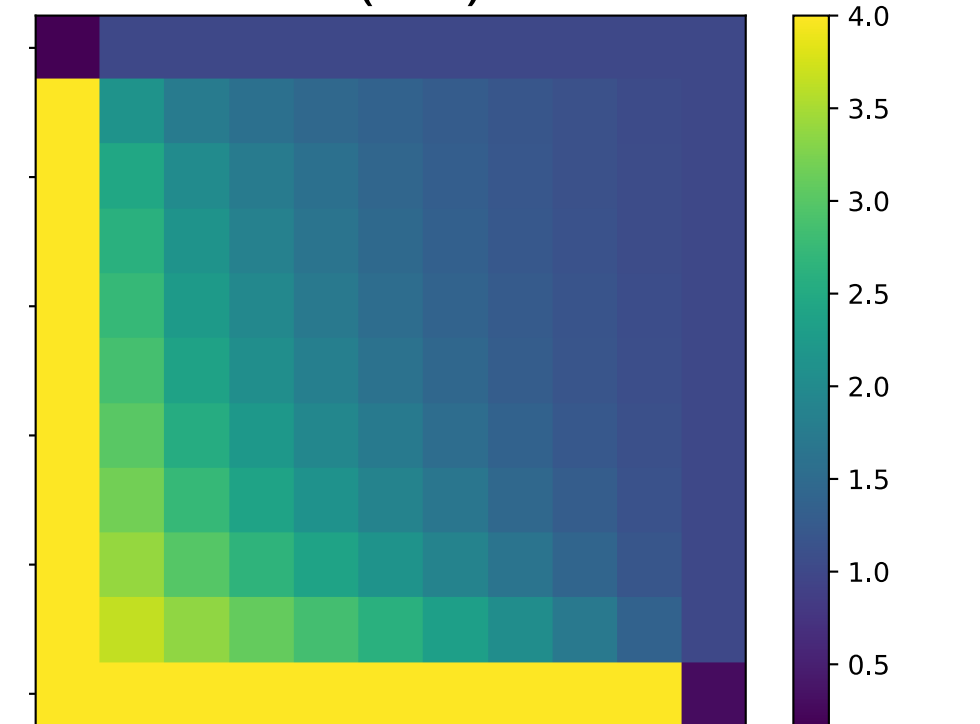
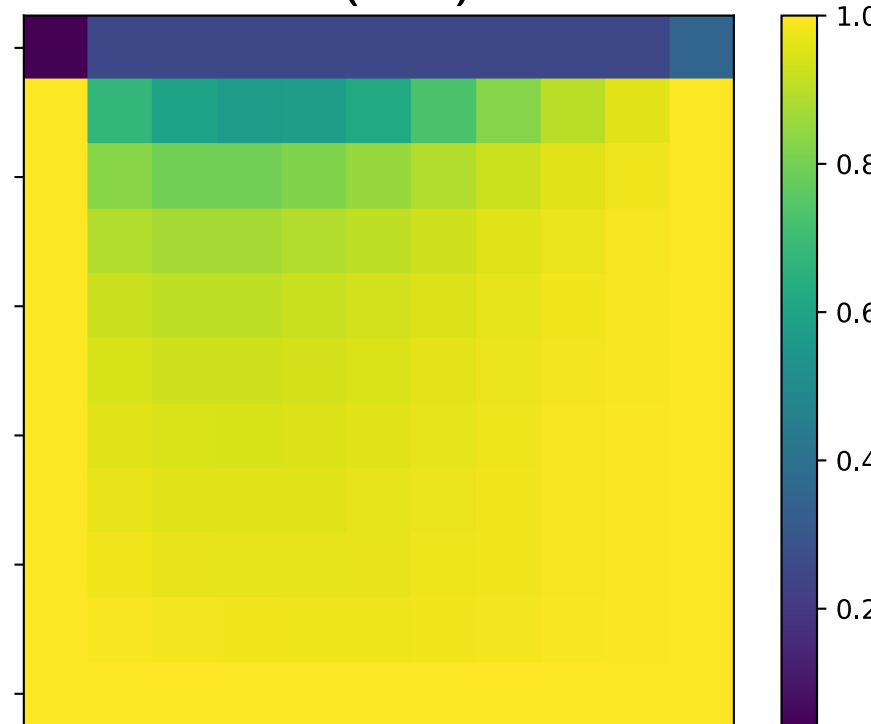
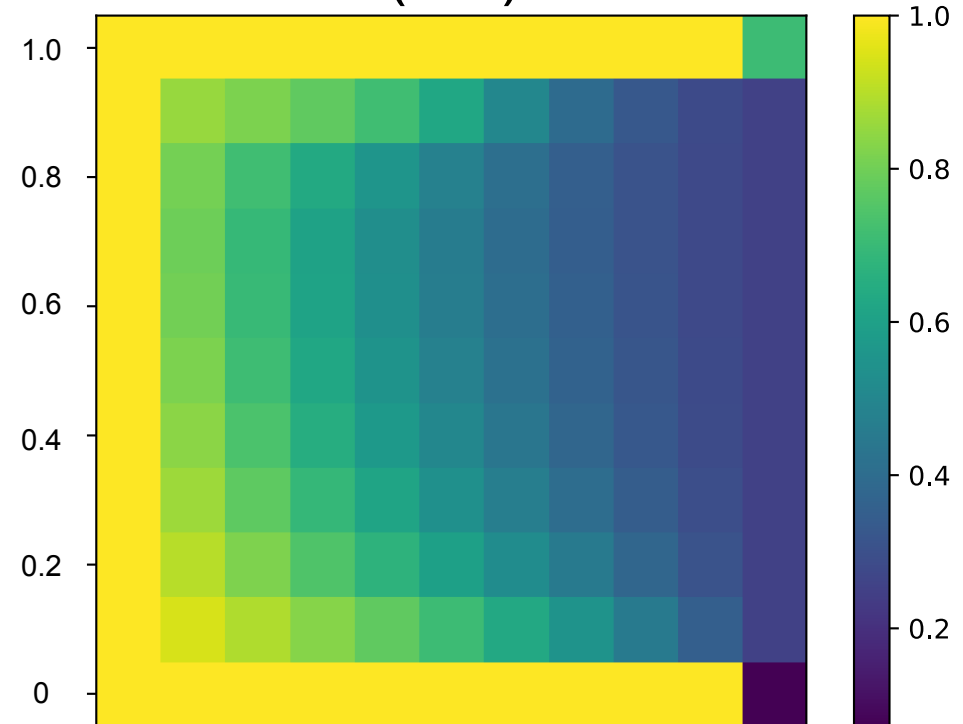


(a.2)

(b.2)

(c.2)

$r_C = 40, K_C = 10$



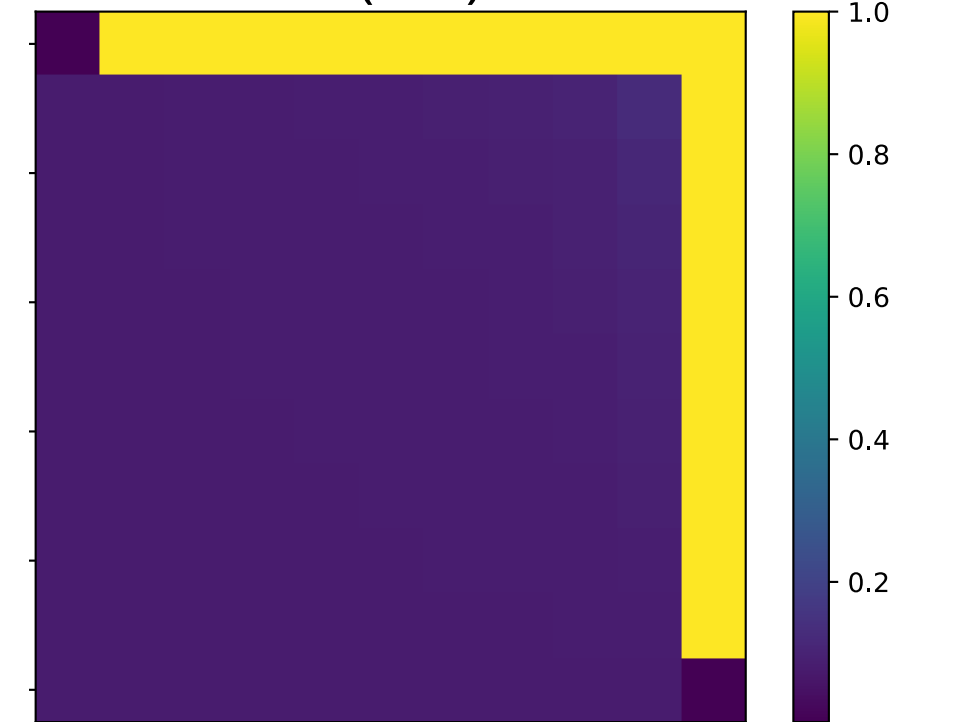
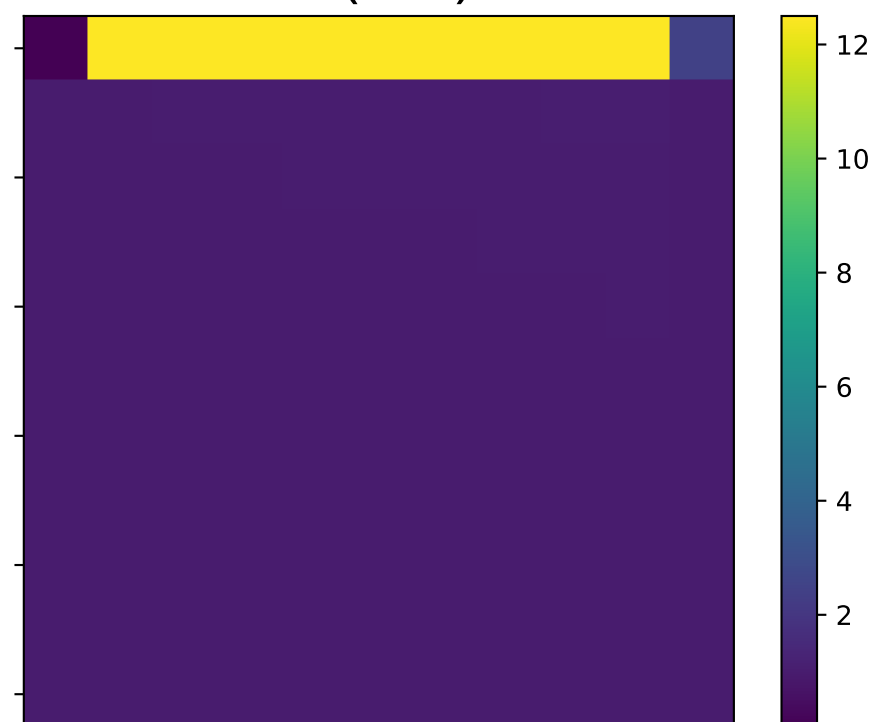
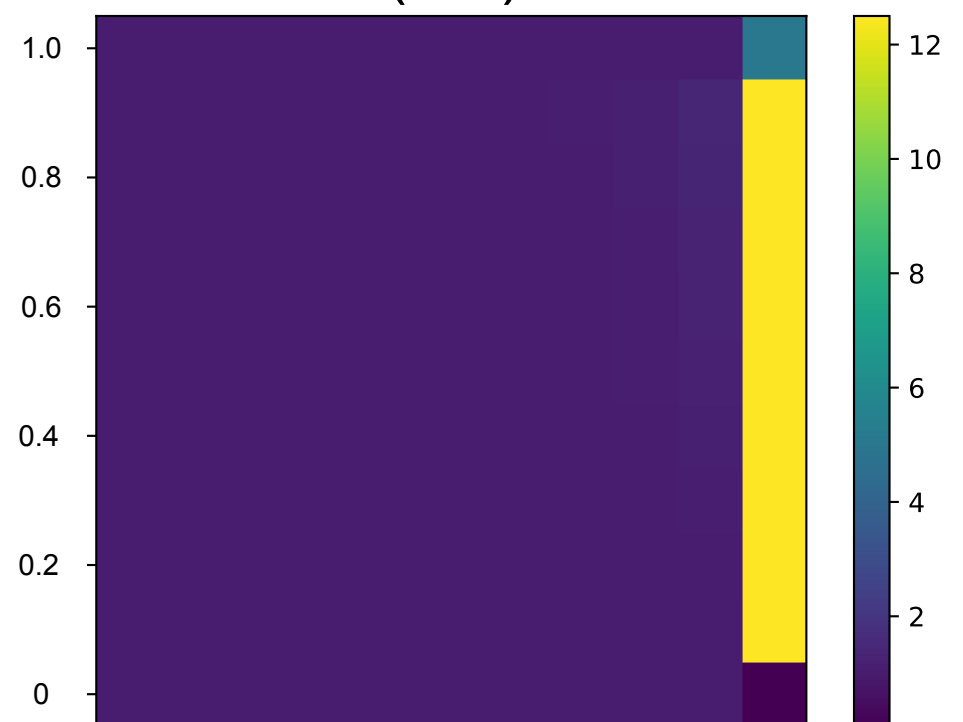
(a.3)

(b.3)

(c.3)

Symbiont obligacy, Ω_S

$r_C = 1.0, K_C = 500$

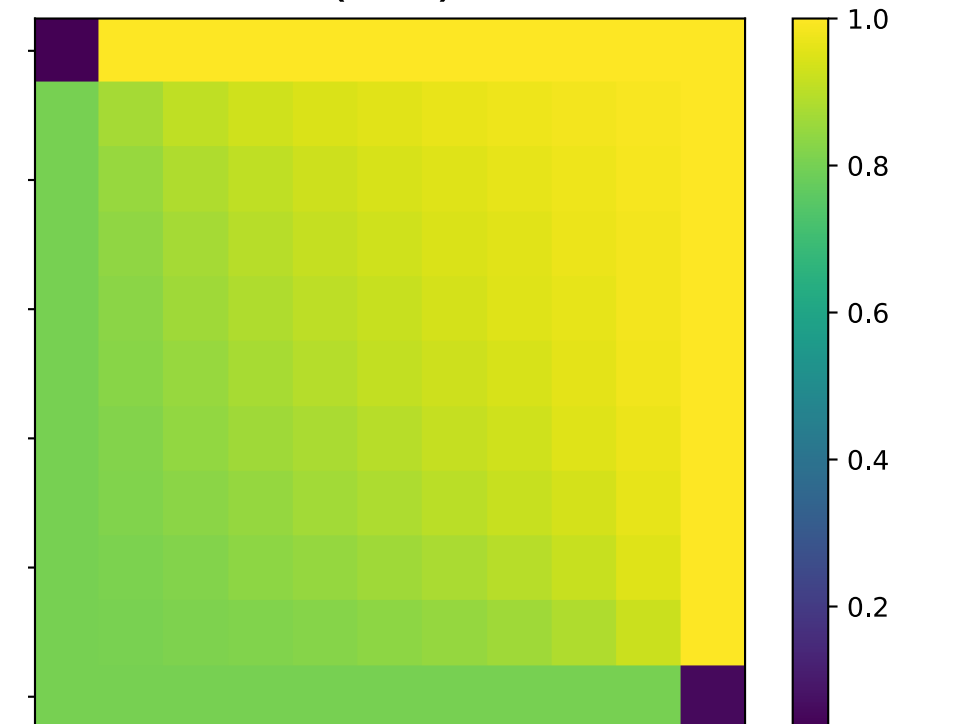
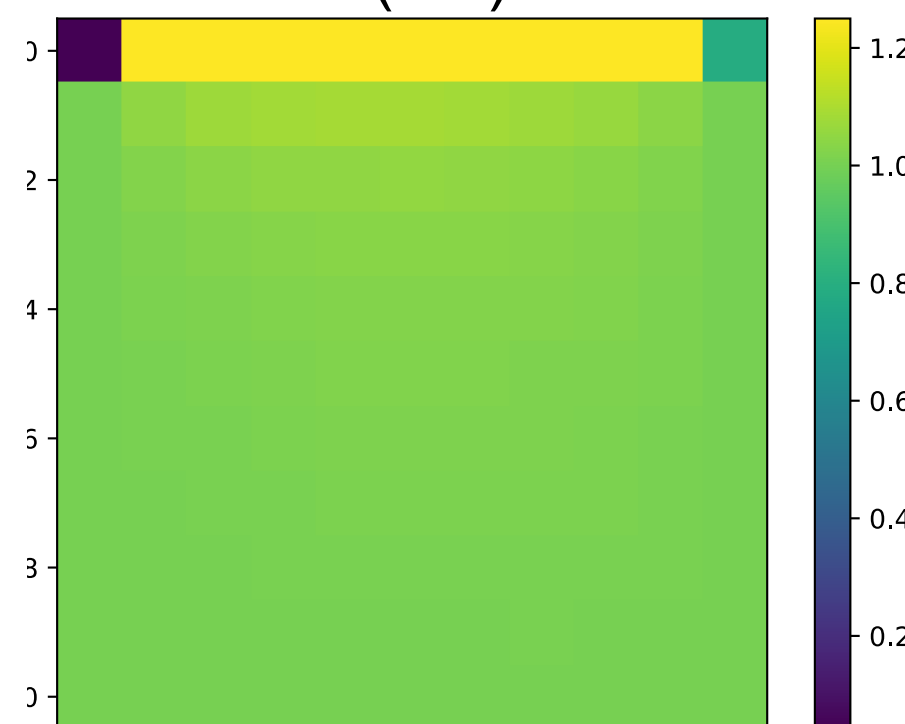
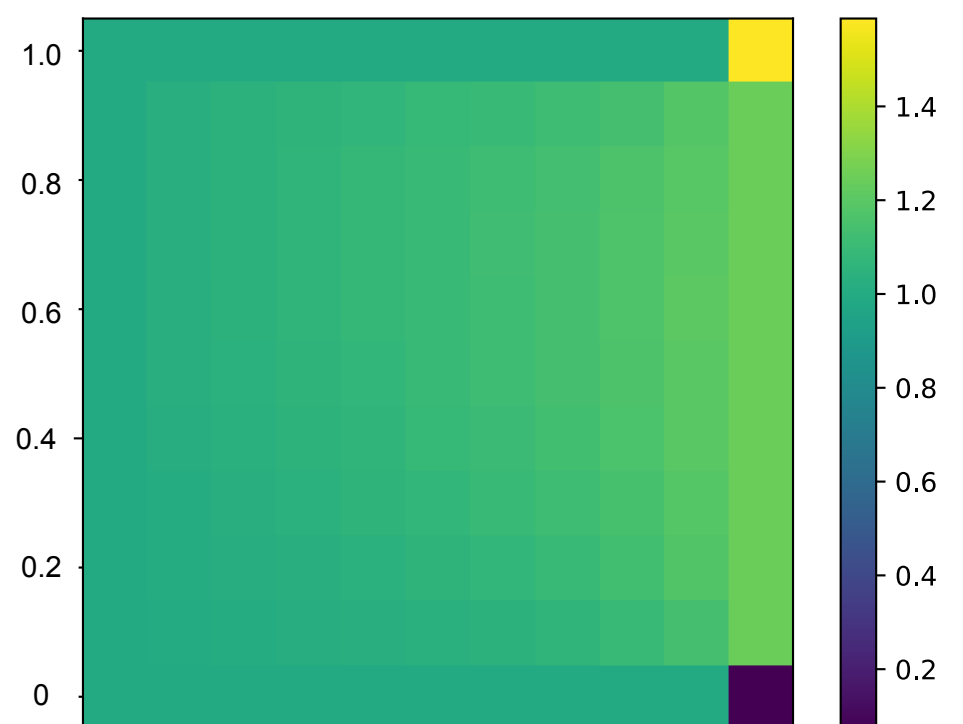


(a.4)

(b.4)

(c.4)

$r_C = 40, K_C = 50$

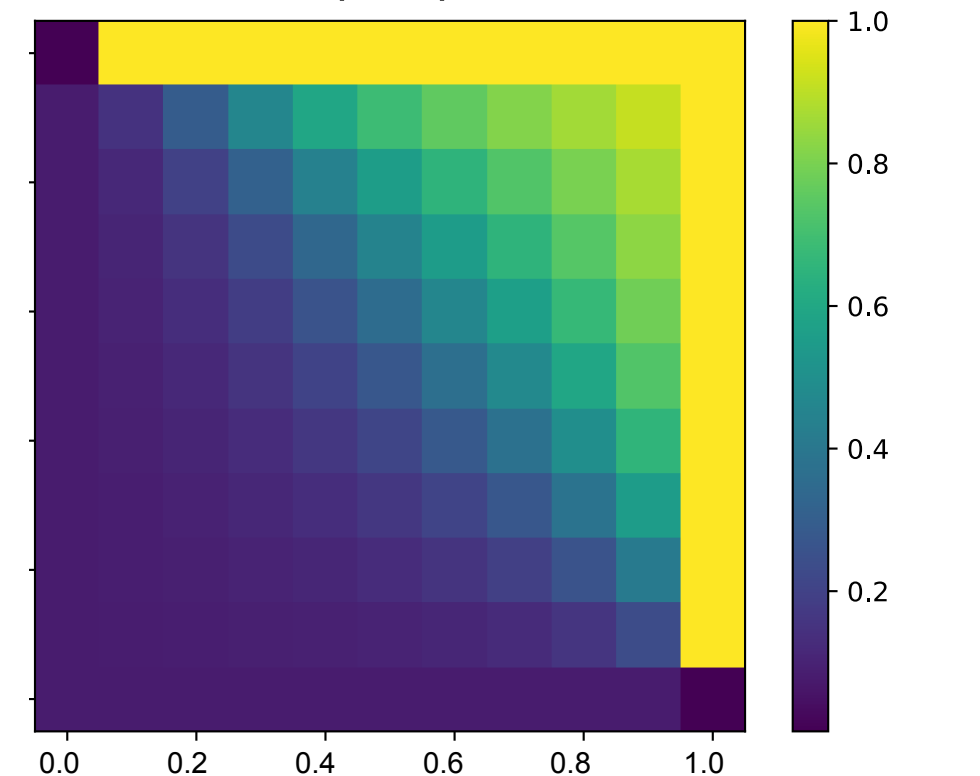
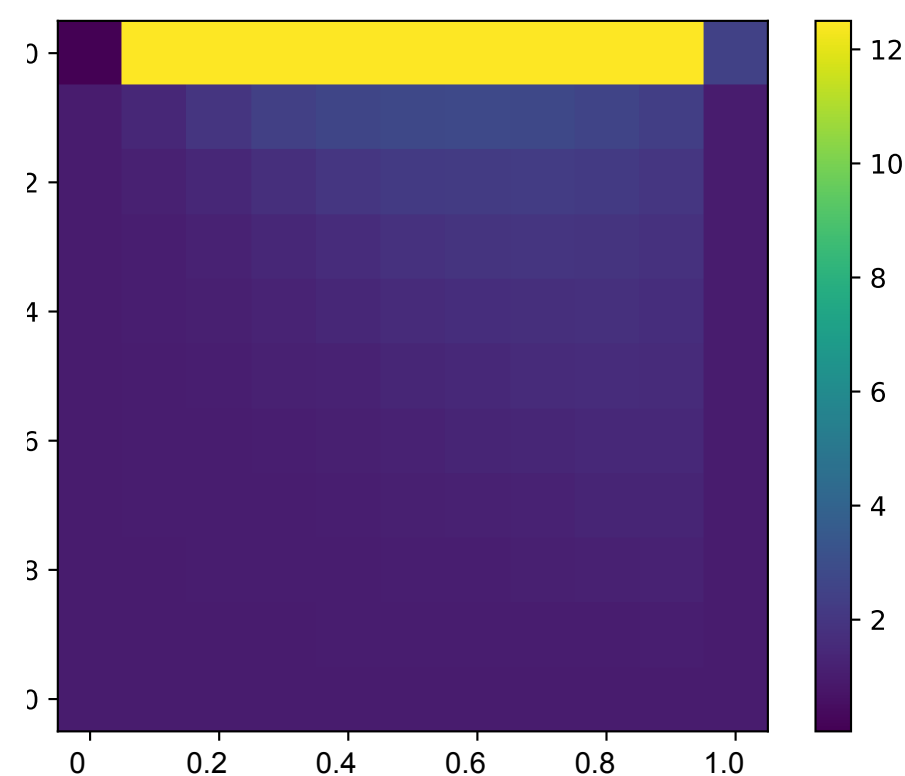
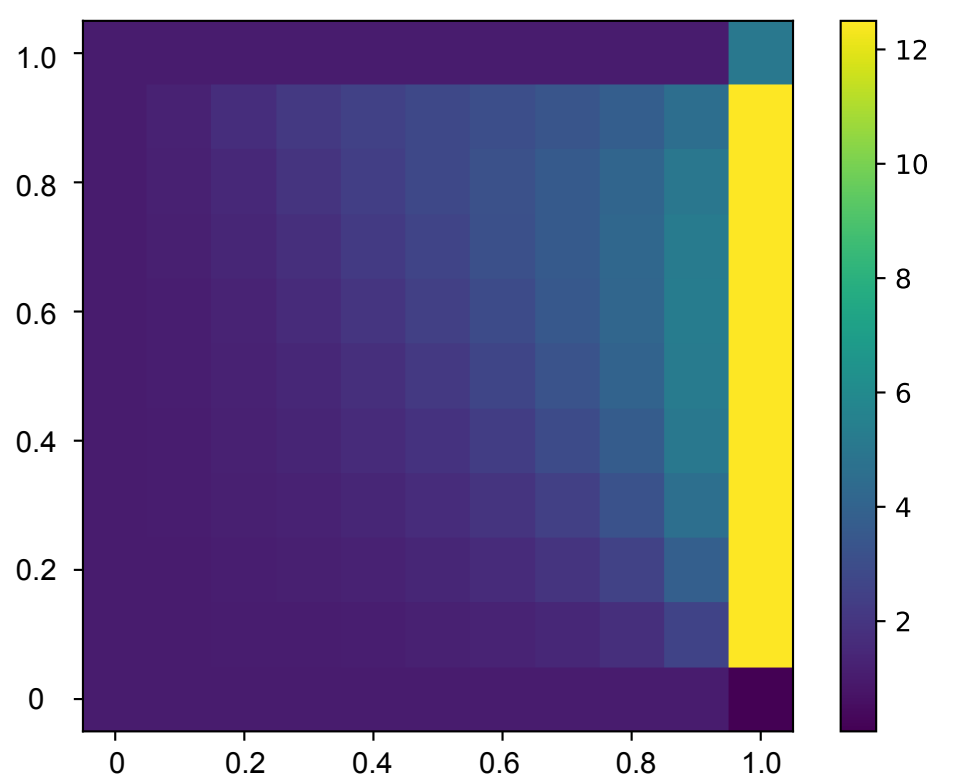


(a.5)

(b.5)

(c.5)

$r_C = 40, K_C = 500$



Host obligacy, Ω_H