Probabilities of fixation - Selective advantage of A fixed s = 0.1 + No mutation Environment ON time = 0 Environment ON time = 10 Fixation probability Fixation probability 0.75 -0.75 -0.5-0.5-0.25 -0.25 -0.1 0.2 0.3 0.4 0.5 0.1 0.2 0.3 0.4 0.5 0 Selective advantage coefficient r Selective advantage coefficient r Environment ON time = 500 Fixation probability 0.75 -Fixed species = WT Fixed species = A0.5-Fixed species = B 0.25 -0.1 0.2 0.3 0.4 0.5 0

Selective advantage coefficient r