Probabilities of fixation - Selective advantage of A fixed s = 0.1 + Mutation $mu_A = 2 * 10^{-6}, mu_B = 1.5 * 10^{-6}$ ICs: WT = 90, A = 1, B = 9ICs: WT = 90, A = 2, B = 8Fixation probability Fixation probability 1 -0.75 0.75 0.5 0.5 0.25 0.25 0.1 0.2 0.3 0.5 0.1 0.2 0.3 0.4 0.5 0.4 Selective advantage coefficient r Selective advantage coefficient r ICs: WT = 90, A = 3, B = 7ICs: WT = 90, A = 4, B = 6Fixation probability Fixation probability 1 0.75 0.75 0.5 0.5 0.25 0.25 0 -0 0.2 0.3 0.5 0.2 0.3 0 0.1 0.4 0.1 0.4 0.5 Selective advantage coefficient r Selective advantage coefficient r ICs: WT = 90, A = 5, B = 5ICs: WT = 90, A = 6, B = 4Fixation probability Fixation probability 1 -1-0.75 0.75 0.5-0.5 0.25 0.25 0 0 0 0.1 0.2 0.3 0.5 0.1 0.2 0.3 0.5 0.4 0.4 Selective advantage coefficient r Selective advantage coefficient r ICs: WT = 90, A = 7, B = 3ICs: WT = 90, A = 8, B = 2Fixation probability Fixation probability 1 1 -0.75 0.75 0.5 0.5 0.25 0.25 0 0 0.1 0.2 0.3 0.5 0.2 0.4 0.1 0.3 0.4 0.5 Selective advantage coefficient r Selective advantage coefficient r ICs: WT = 90, A = 9, B = 1Fixation probability 1 -Fixed species = WT 0.75 Fixed species = AFixed species = B 0.5 0.25 0 -0 0.1 0.2 0.3 0.4 0.5 Selective advantage coefficient r