

Figure S1 – Proportion of simulations where peak infectivity range (E; equation 4) was greater than 0.9 (black), less than 0.1 (white) or between these values (grey), for n=4. Plots (a-b) and (c-d) show results for deterministic and stochastic simulations, respectively. Plots (a, c) and (b, d) show results for gradual (SYM) and sudden (ASYM) changes in host phenotype, respectively. The parameter ψ controls the type and strength of epistasis between infectivity alleles, ranging from strong positive (ψ <<1), through weak positive (ψ <1), none (ψ =1) and finally, negative (ψ >1) epistasis. These results are broadly similar to those presented in the main text for n=3 (figures 3 and 4).