



**Figure S1.** Sensitivity analysis of game model to examine the effects of parameter variation on escape probability for juvenile zebrafish. (a) Varying the the mean of the distribution by manipulating the log-mean value (see Table 1 in main manuscript for parameter definitions and values), with each point representing the result of 1000 simulations. (b) Variation in escape probability was examined with respect to both escape speed and response distance the same simulation results are shown with respect to changes in escape speed (c) and response distance (d).