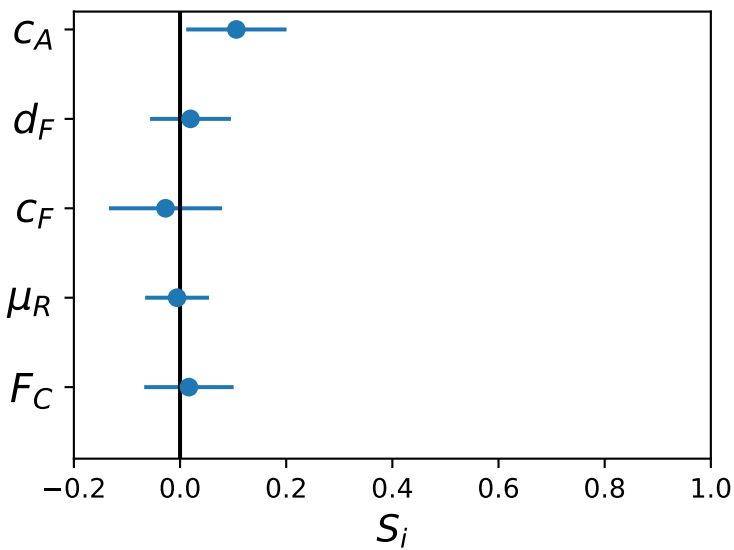
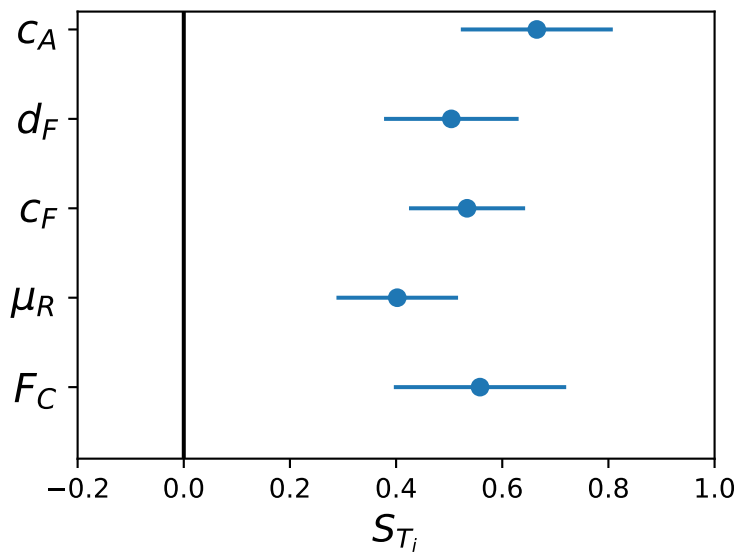
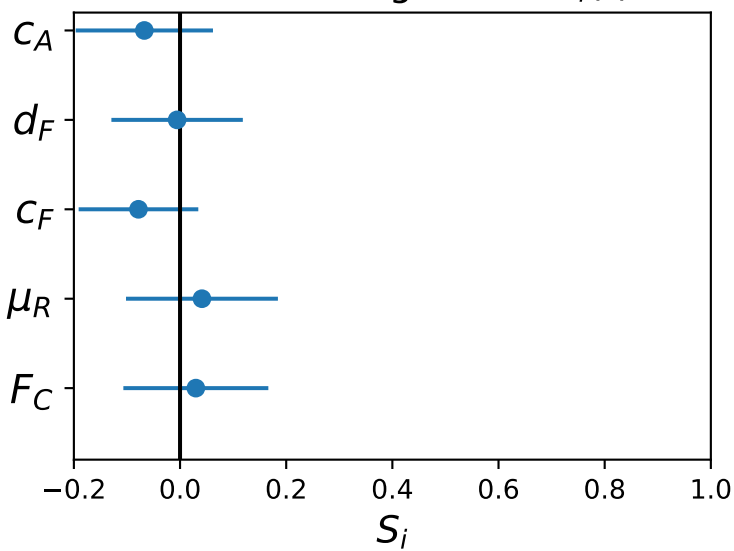
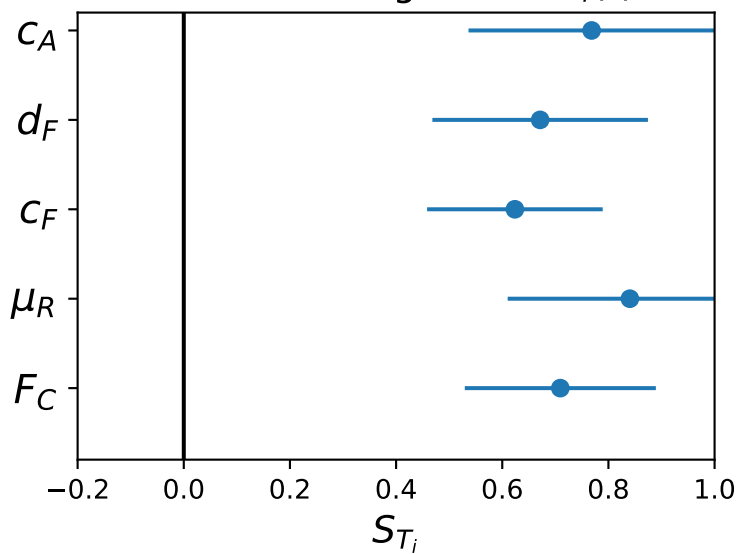
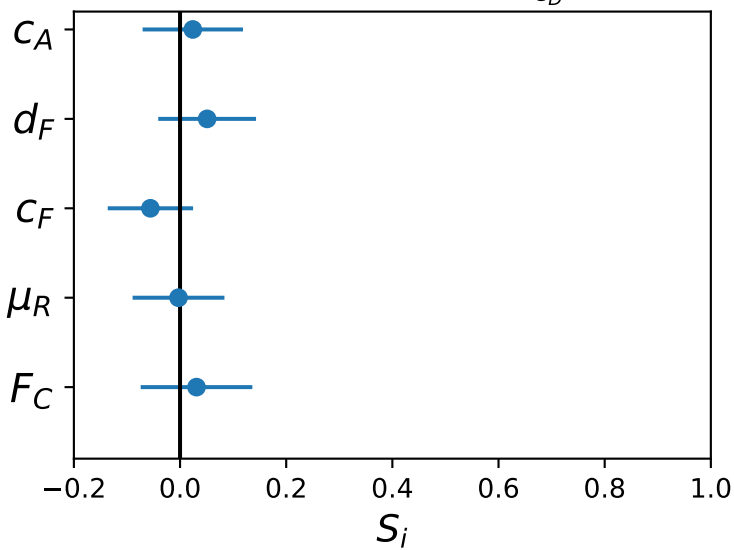


Number of Ants  $A(t)$ Number of Ants  $A(t)$ Fraction forager ants  $\pi_f(t)$ Fraction forager ants  $\pi_f(t)$ Fraction dormant  $\pi_{c_D}(t)$ Fraction dormant  $\pi_{c_D}(t)$ 