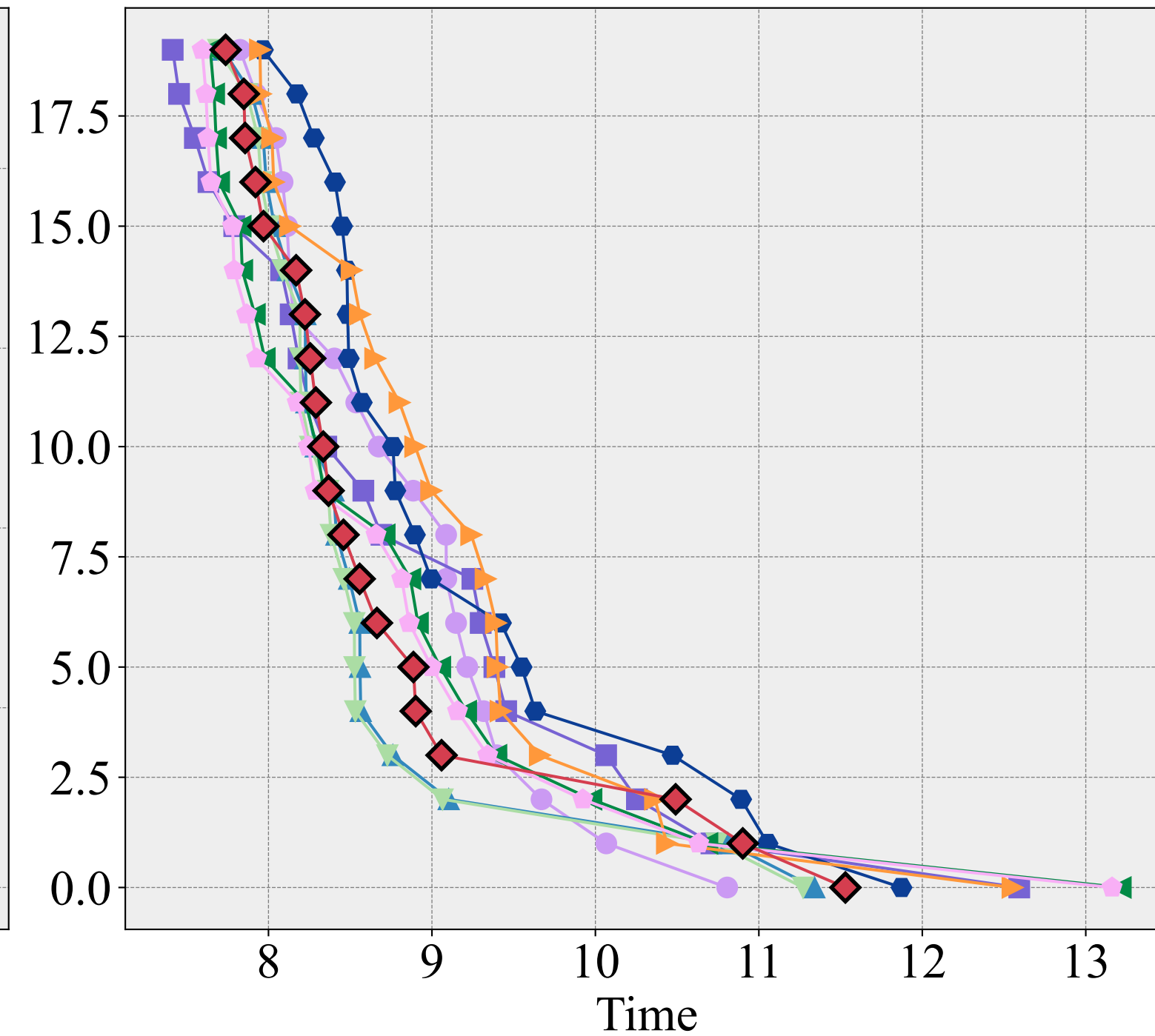
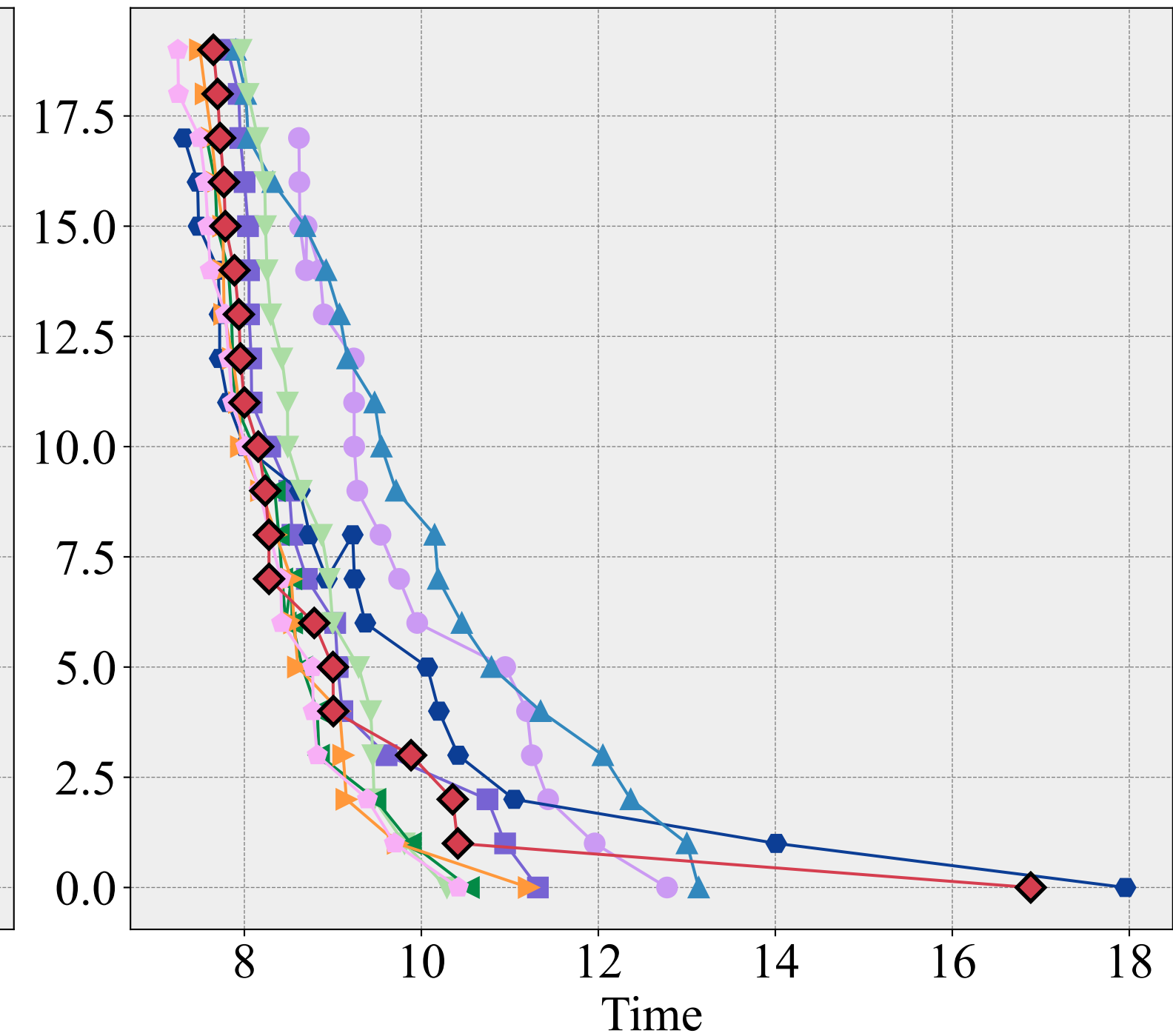


(a) SIS ($I_0 = 0.95, \beta = 0.03$)



(b) SIR ($I_0 = 0.95, \beta = 0.03, \alpha_{IR} = 0.8$)



(c) SEIR ($I_0 = 0.95, \beta_1 = 0.00, \beta_2 = 0.03, \alpha_{EI} = 0.1, \alpha_{IR} = 0.8$)