$\label{eq:T_max} \begin{array}{ll} T_max = 1000, \, dT = 0.1, \, K = 10000, \, N0 = 10000, \\ sigma0 = 0.1, \, beta = 0, \, d_e = 2, \, mu = 1, \, b_r = 1, \\ d_r = 1, \, C = 0.5, \, sigma = 0.01, \, tau = 0.449999999999996, \, x_mean = 1, \end{array}$

