

$T_{\max}=1000$, $dT=0.1$, $K=10000$, $N_0=10000$,
 $\sigma_0=0.1$, $\beta=0$, $d_e=2$, $\mu=1$, $b_r=1$,
 $d_r=1$, $C=0.5$, $\sigma=0.01$, $\tau=0.3$, $x_{\text{mean}}=1$,

