$T_{max}=1000$ , dT=0.01, sigma0=0.01,  $x_{mean}0=0.0$ , K=10000, N0=10000, C=0.5,  $b_{r}=2$ , d r=1, d e=2, beta=0, mu=1, sigma=0.01, tau=0.1, tau=0.1, tau=0.2, tau=0.1, tau=0.1

