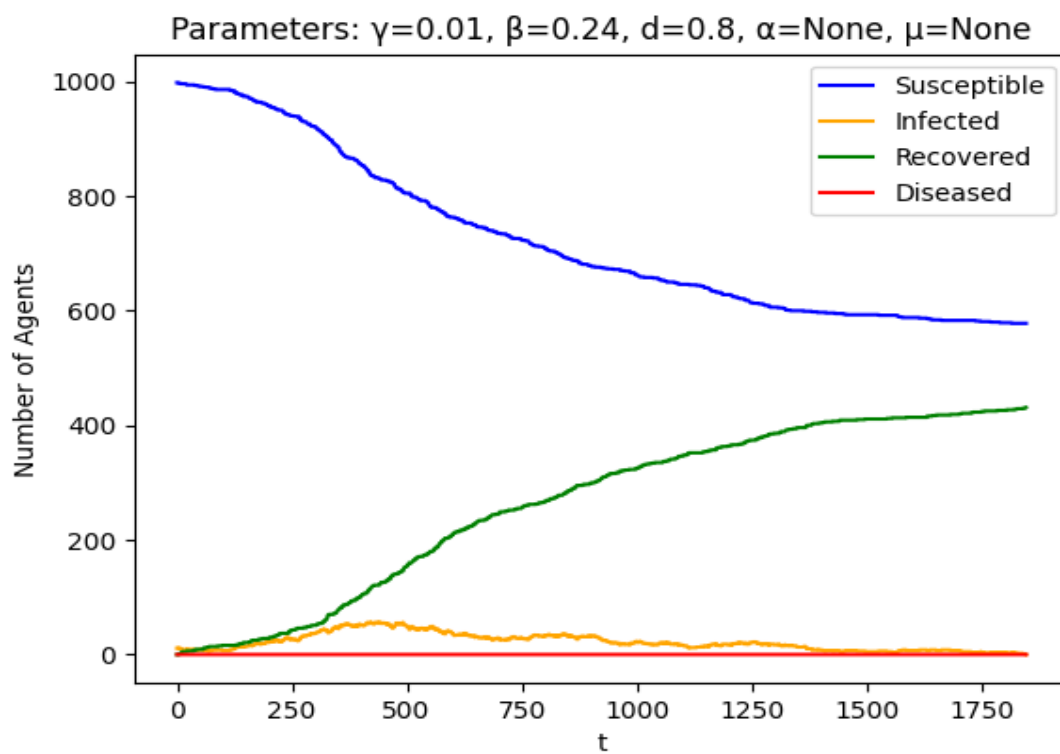
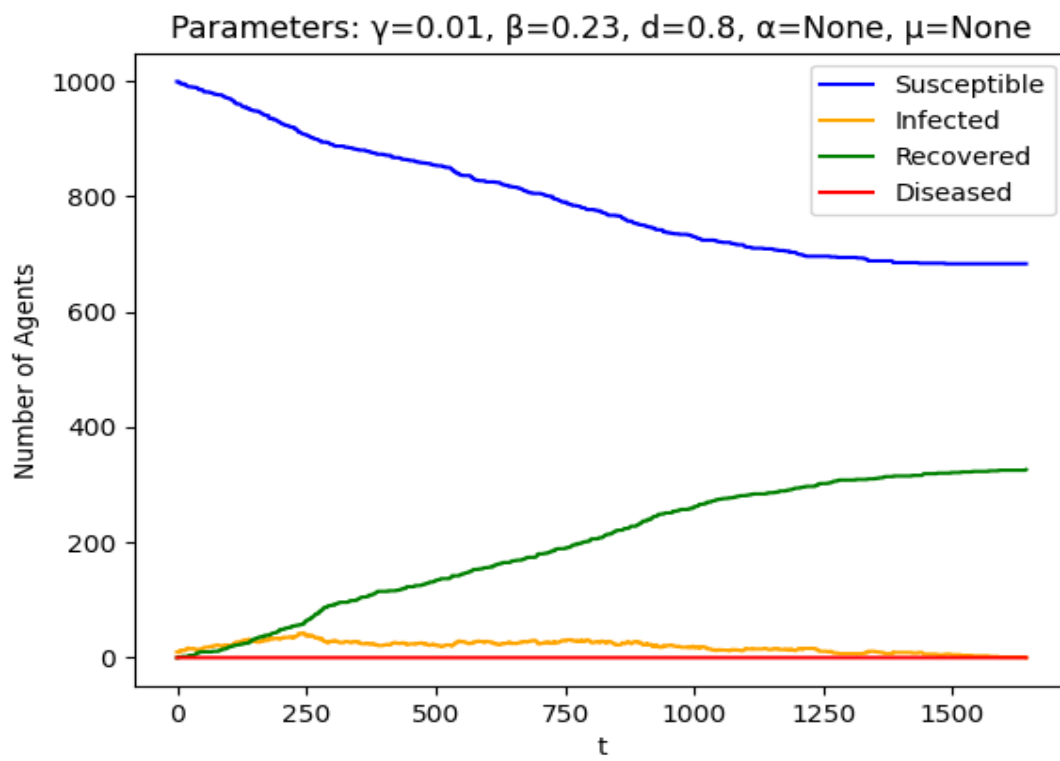
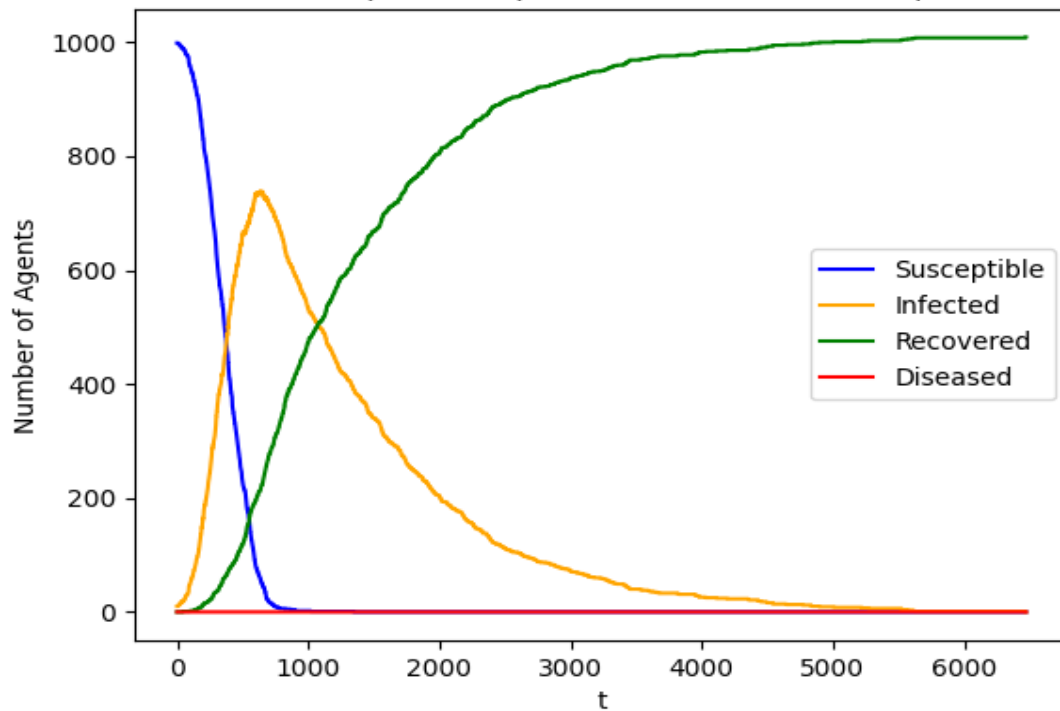


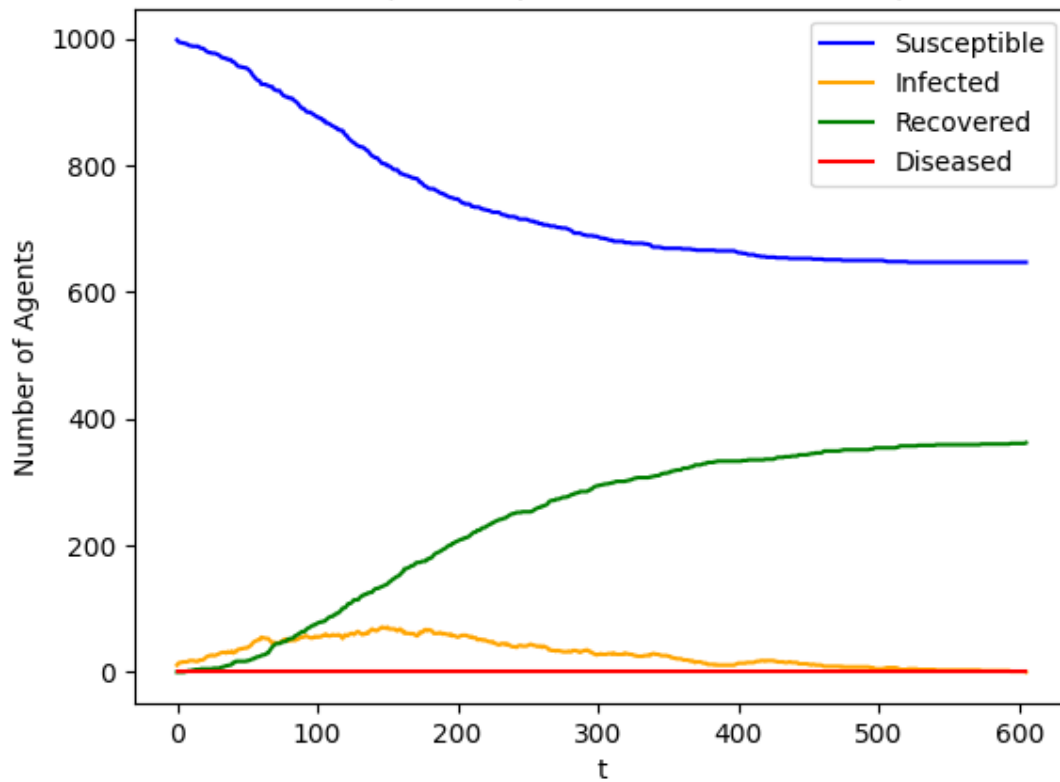
## 11.1

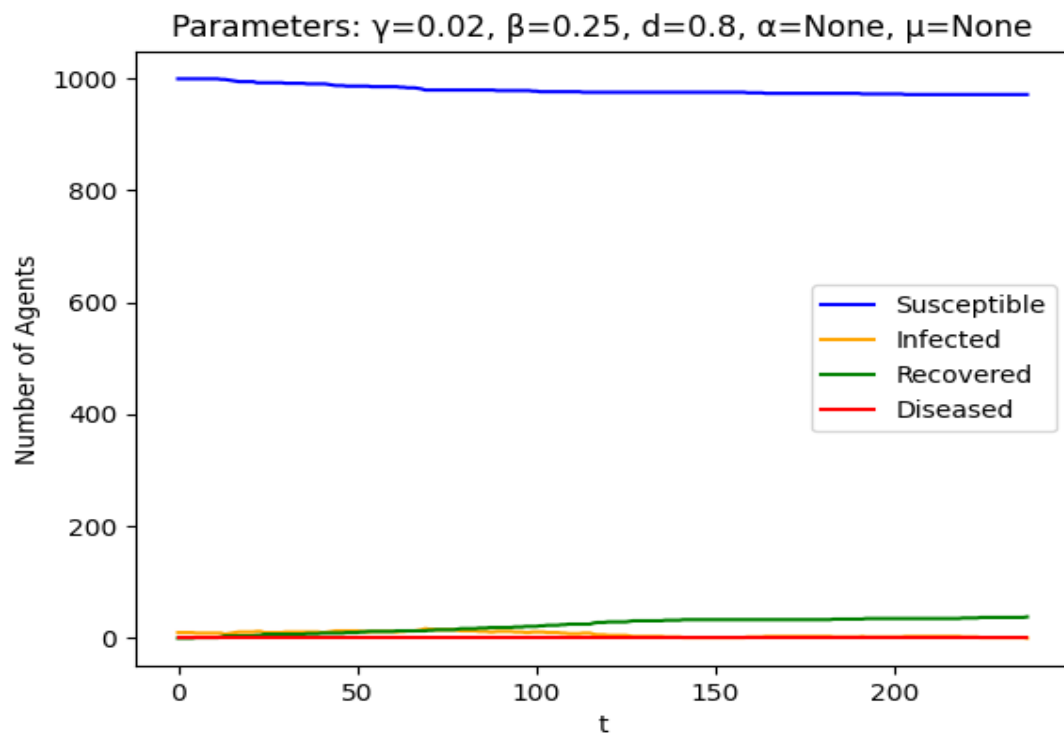


Parameters:  $\gamma=0.001$ ,  $\beta=0.25$ ,  $d=0.8$ ,  $\alpha=None$ ,  $\mu=None$



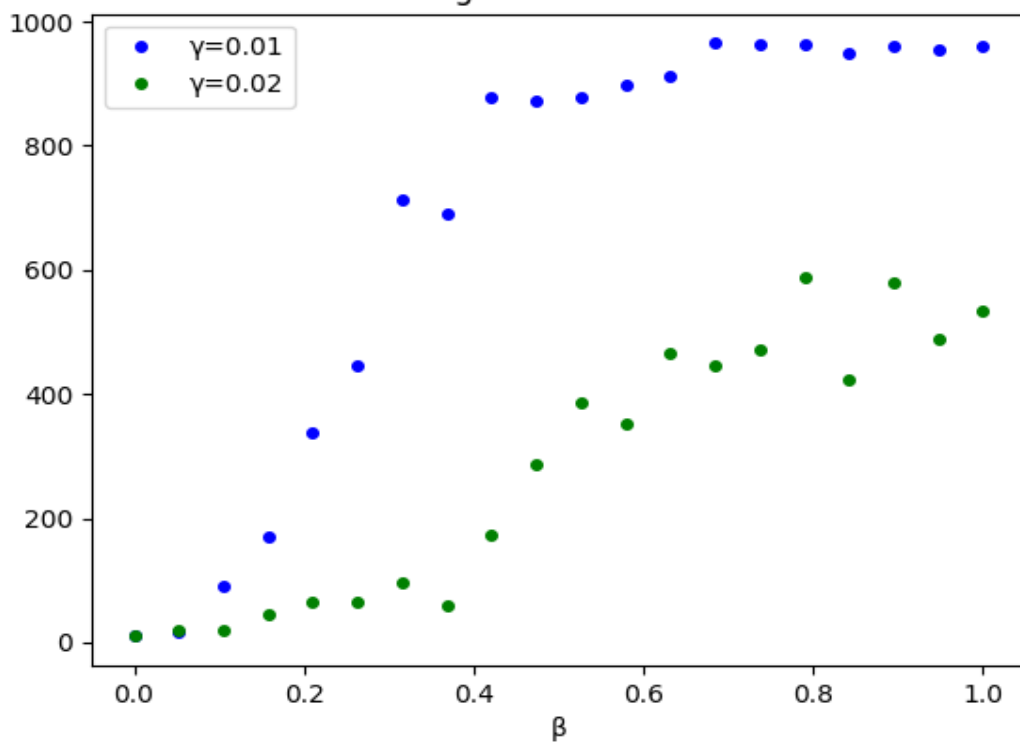
Parameters:  $\gamma=0.02$ ,  $\beta=0.9$ ,  $d=0.8$ ,  $\alpha=None$ ,  $\mu=None$



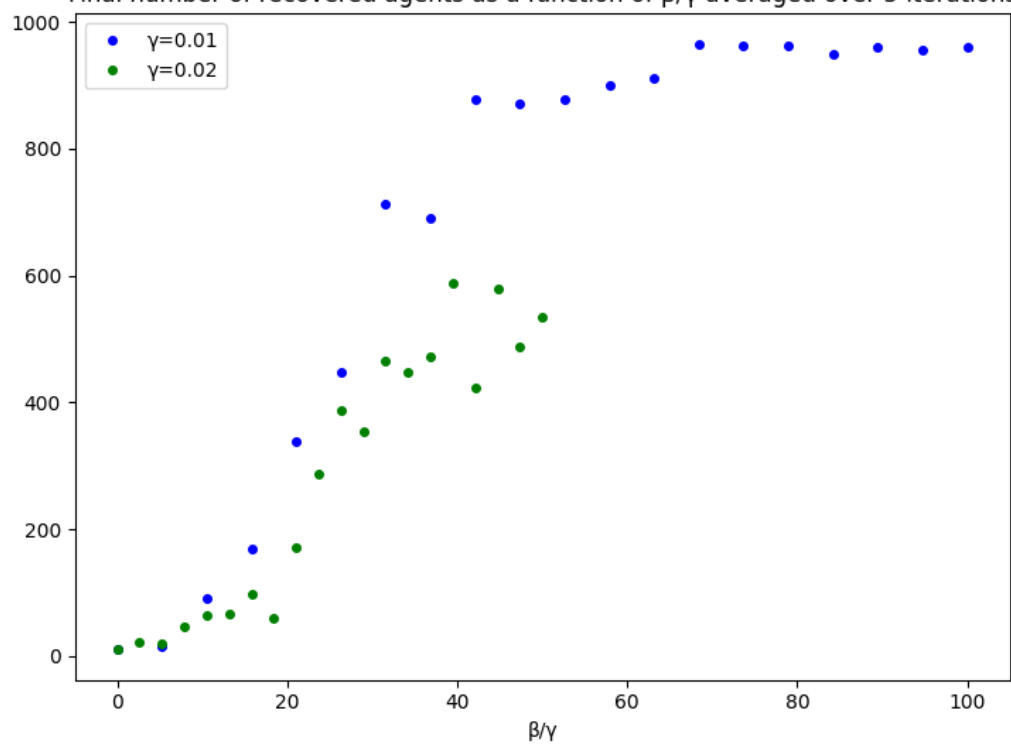


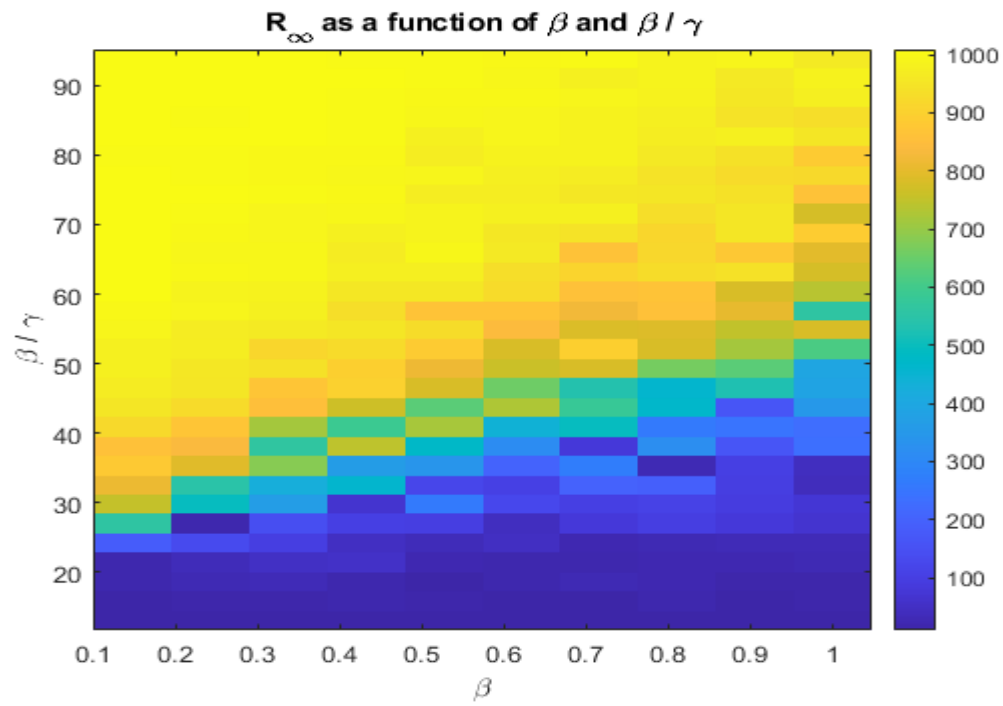


Final number of recovered agents as a function of the infection rate  $\beta$

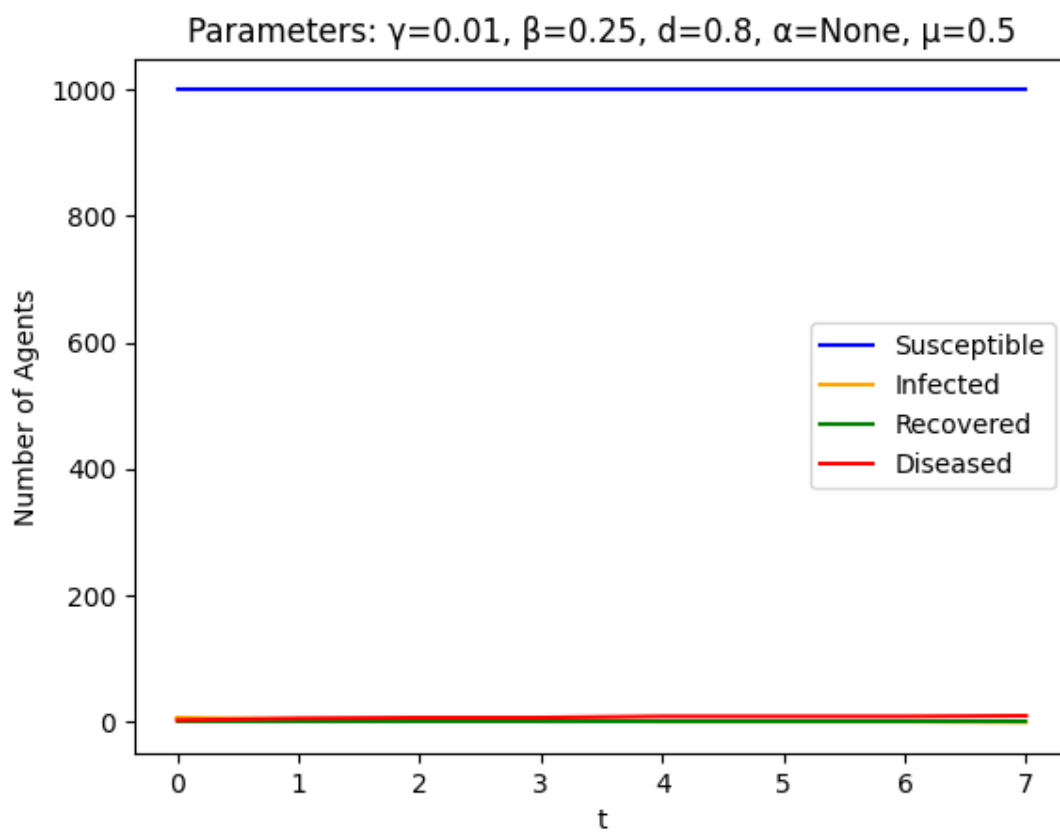


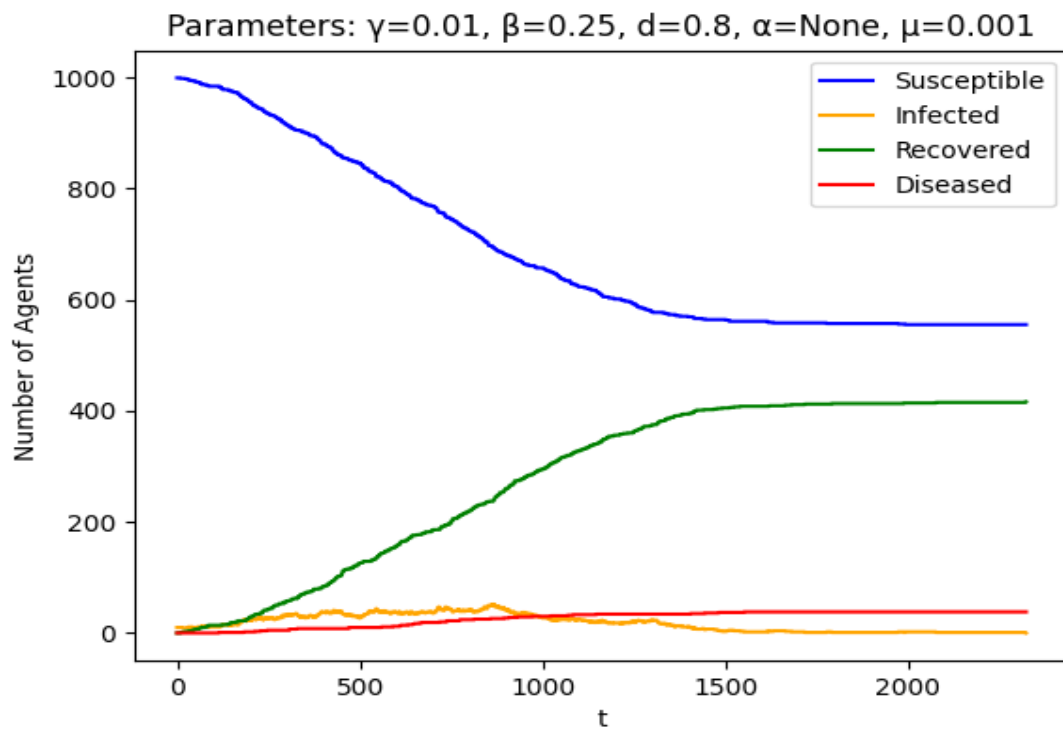
Final number of recovered agents as a function of  $\beta/\gamma$  averaged over 5 iterations



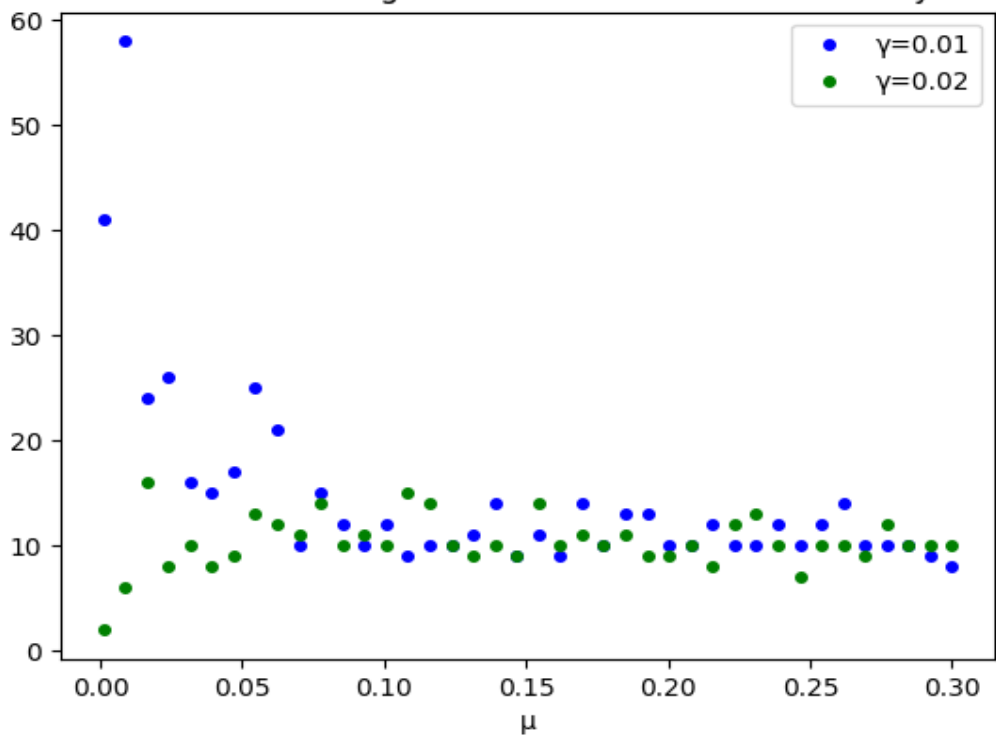


### 11.3

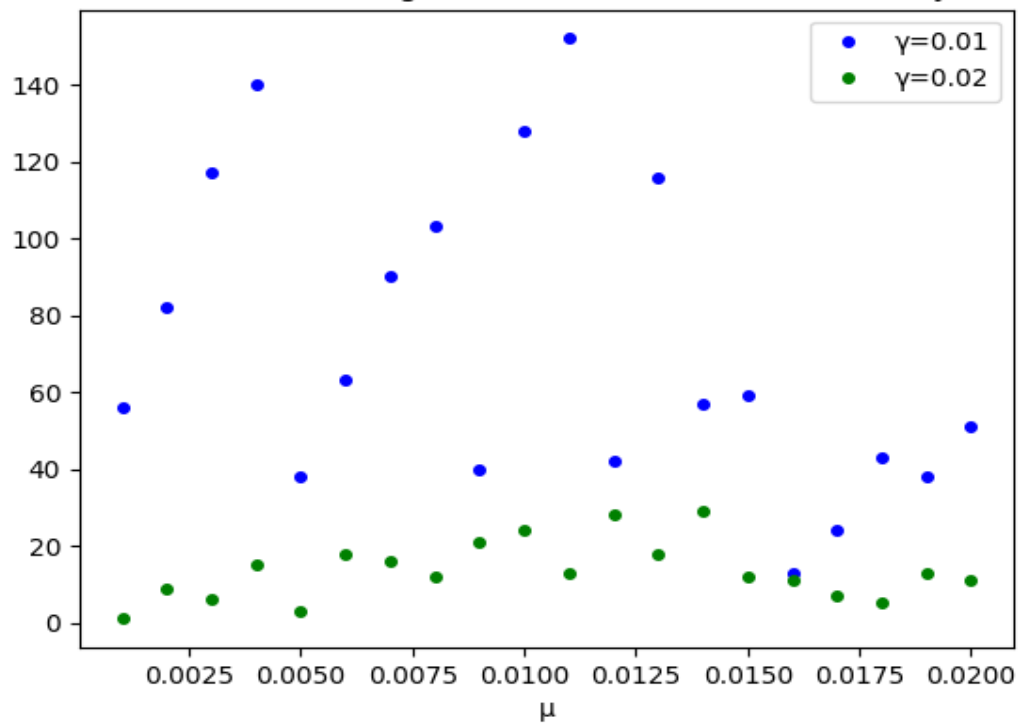




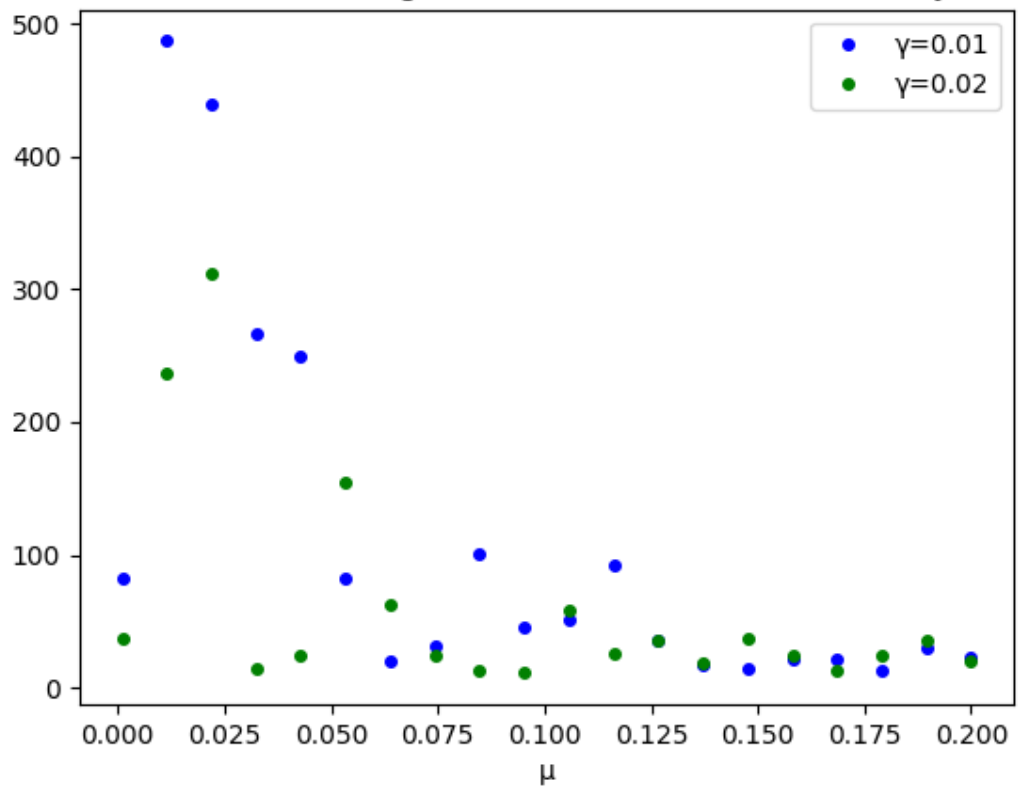
Final number of dead agents as a function of the mortality rate  $\mu$



Final number of dead agents as a function of the mortality rate  $\mu$

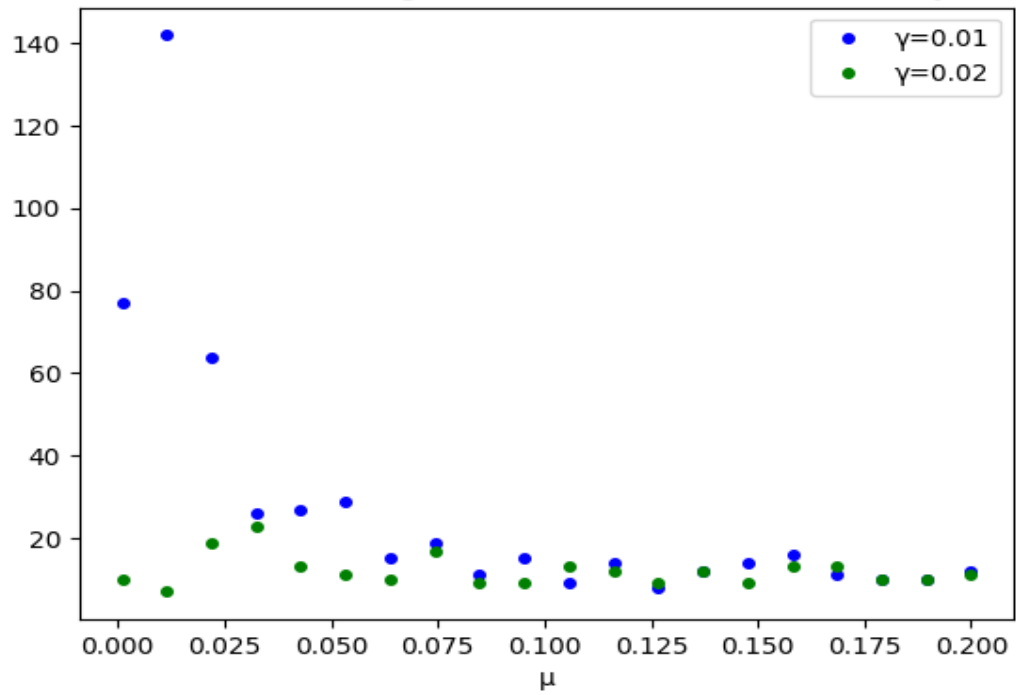


Final number of dead agents as a function of the mortality rate  $\mu$

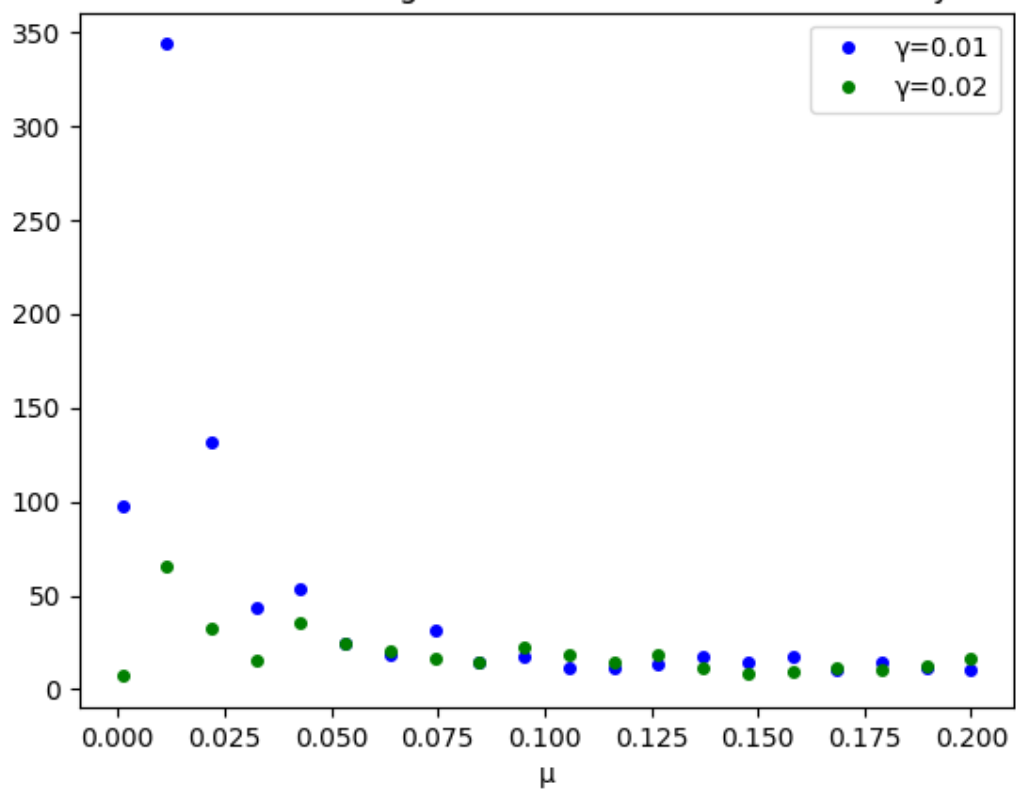




Final number of dead agents as a function of the mortality rate  $\mu$

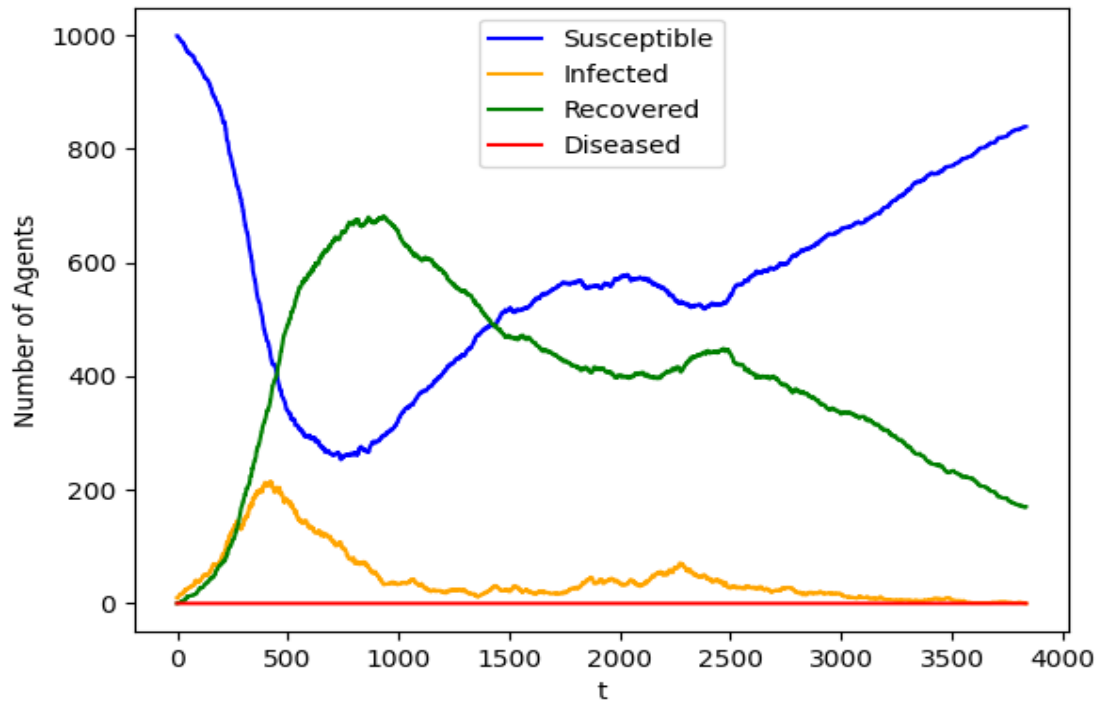


Final number of dead agents as a function of the mortality rate  $\mu$

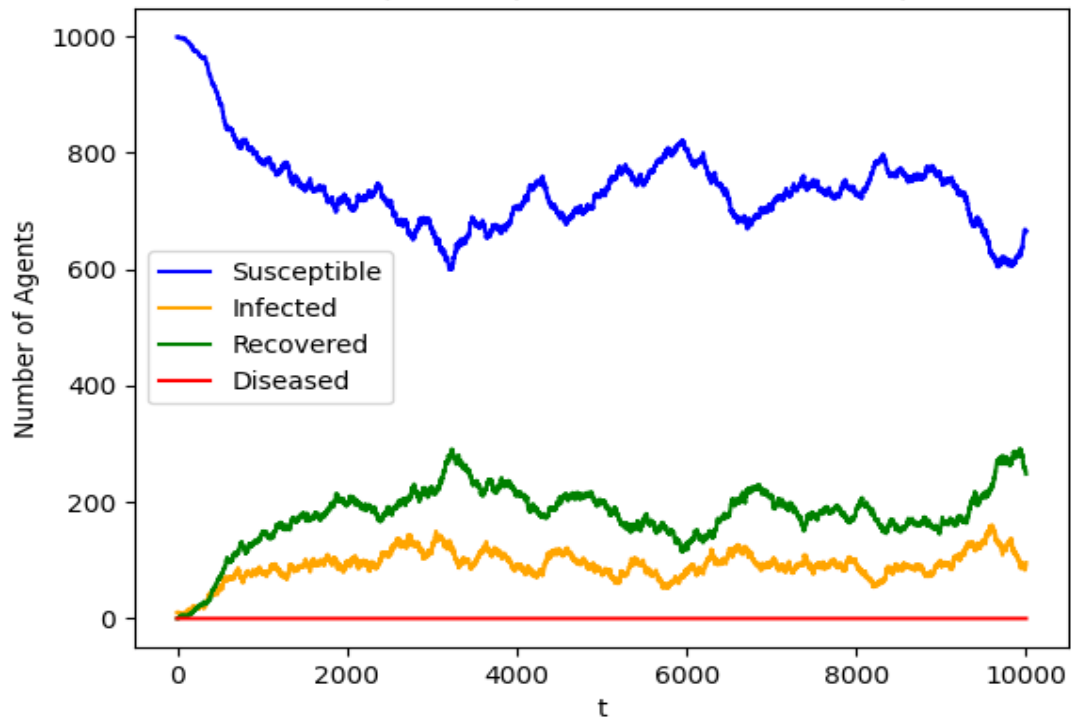




Parameters:  $\gamma=0.01$ ,  $\beta=0.4$ ,  $d=0.8$ ,  $\alpha=0.001$ ,  $\mu=None$



Parameters:  $\gamma=0.01$ ,  $\beta=0.2$ ,  $d=0.8$ ,  $\alpha=0.005$ ,  $\mu=None$



Parameters:  $\gamma=0.02$ ,  $\beta=0.4$ ,  $d=0.8$ ,  $\alpha=0.001$ ,  $\mu=None$

