$W_S=W_I=W_R=1$ $H_c = 0$ $H_{c} = 0.25$ $H_{c} = 0.5$ $H_c = 0.75$ $H_c = 1$ 0.010 $H_w = 0$ 0.005 p, testing intensity (1/day per capita) 0.000 $H_{w} = 0.25$ 0.005 0.000 $H_w = 0.5$ 0.005 0.000 $H_{w}=0.75$ 0.005 0.000 $H_w = 1$ 0.005 0.000 5 5 5 5 5 10 10 10 10 10 $1/\omega$, mean test return time (day)