$W_S=W_I=W_R=1$ $\theta_c = 0$ $\theta_c = 0.25$ $\theta_c = 0.5$ $\theta_c = 0.75$ $\theta_c = 1$ 0.50 $\theta_{\rm w} = 0$ 0.25 ρ, testing intensity (1/day per capita) 0.60 $\theta_{\rm w} = 0.25$ 0.25 0.60 $\theta_{\rm w} = 0.5$ 0.25 0.60 $\theta_{\rm w} = 0.75$ 0.25 0.60 $\theta_{w} =$ 0.25 0.00 0.5 1.0 1.5 **2.6** 1.0 1.5 **2.6** 1.0 1.5 **2.6** 1.0 1.5 **2.6** 1.0 1.5 2.0 $1/\omega$, mean test return time (day)