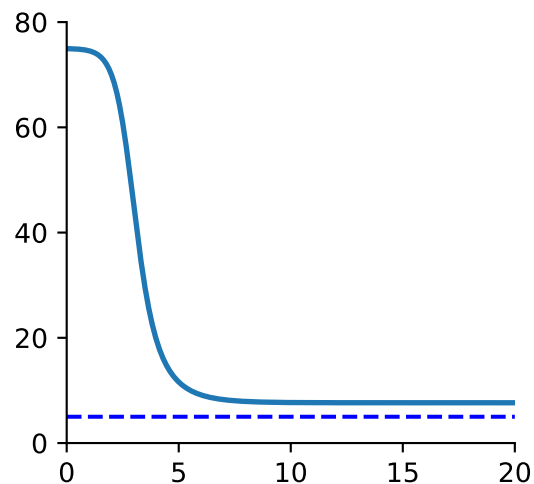
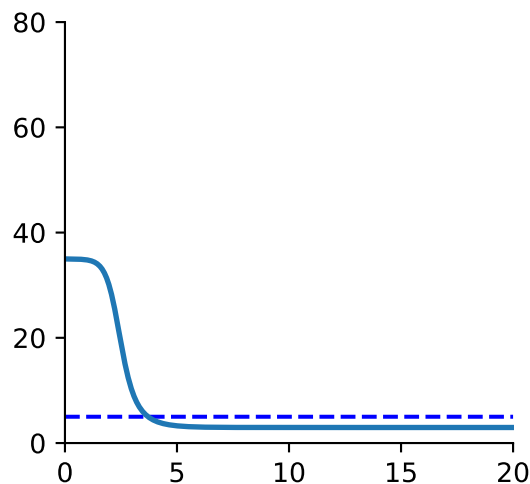
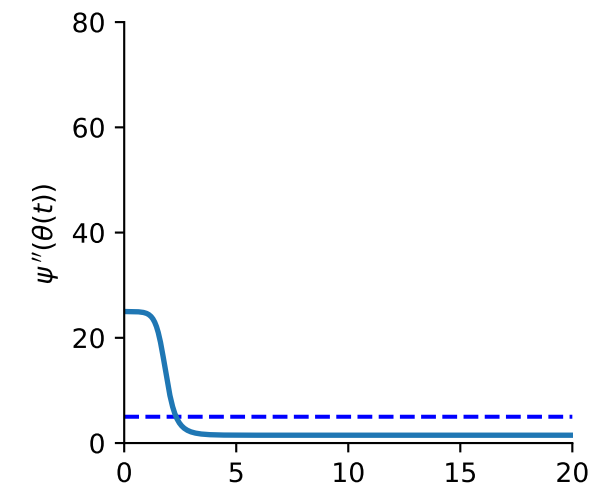
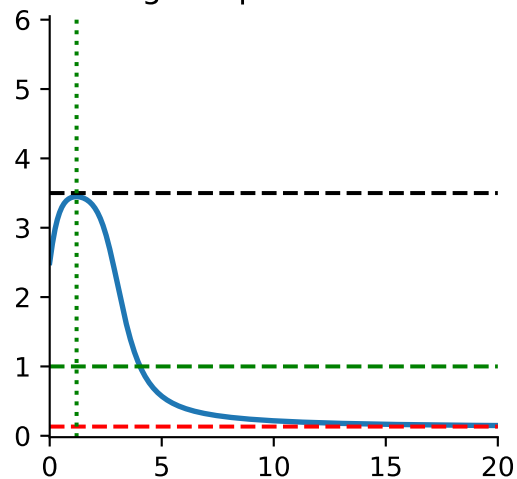
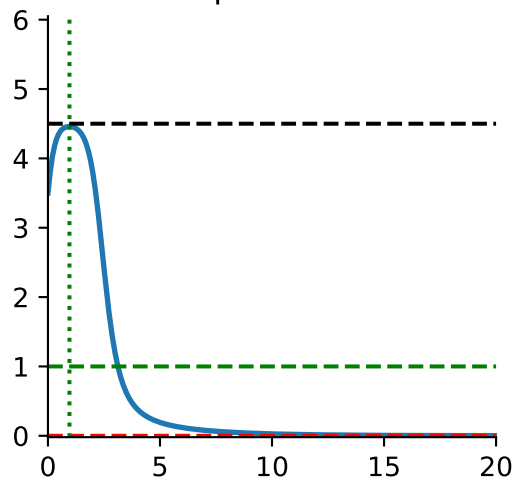
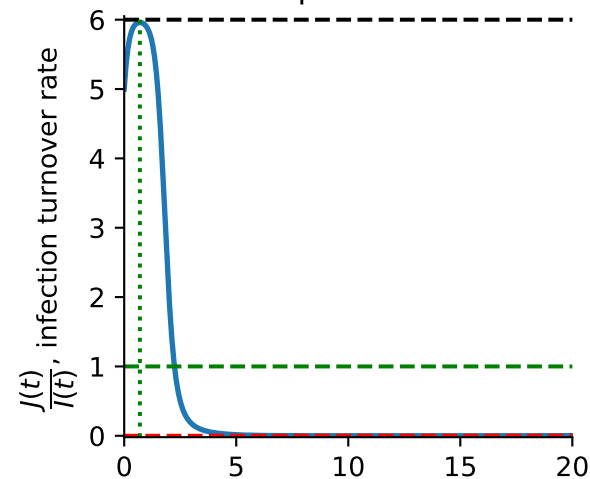


Poisson network,
no dispersion $\delta=0$

negative binomial network,
low dispersion $\delta=0.4$

negative binomial network,
high dispersion $\delta=2$



t (γ -scaled time)

$---$ $\max \frac{J(t)}{I(t)} = \beta \left(\frac{\psi''(1)}{\psi'(1)} - 1 \right)$
 $---$ $\lim_{t \rightarrow \infty} \frac{J(t)}{I(t)} = \max \left\{ \beta \left(\frac{\psi''(\theta(\infty))}{\psi'(1)} - 1 \right), 0 \right\}$

$---$ γ , infection recovery rate
 \cdots t_j , peak time of incidence $J(t)$

$---$ μ , network degree mean