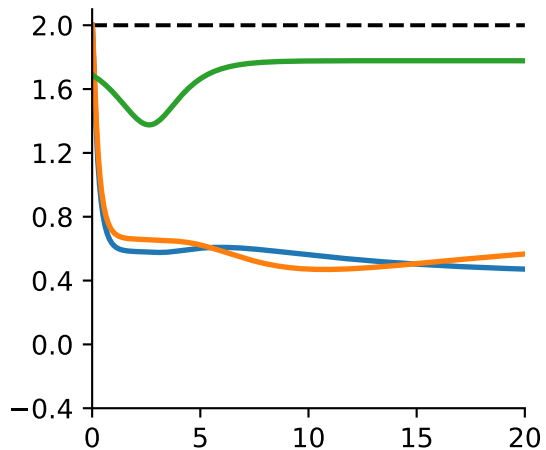
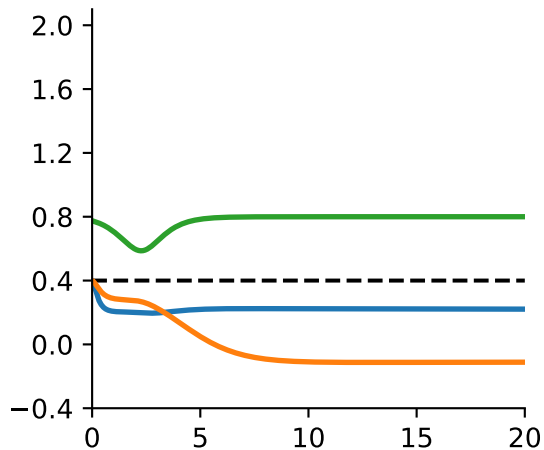
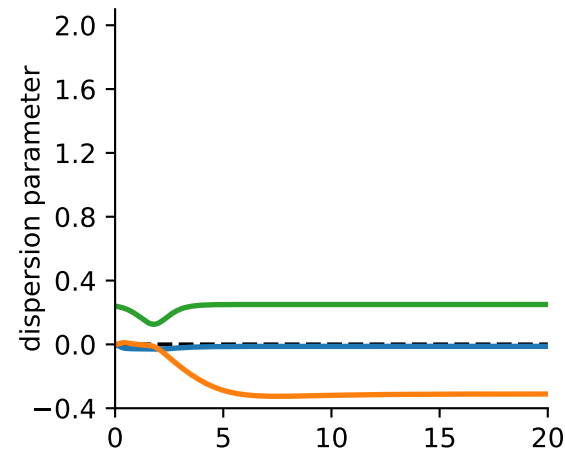


Poisson network,
no dispersion $\delta=0$

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

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



— $d(t)$, infected degree dispersion parameter
— $d_Z(t)$, secondary infection dispersion parameter

— $d_E(t)$, effective degree dispersion parameter
- - - δ , network degree dispersion parameter