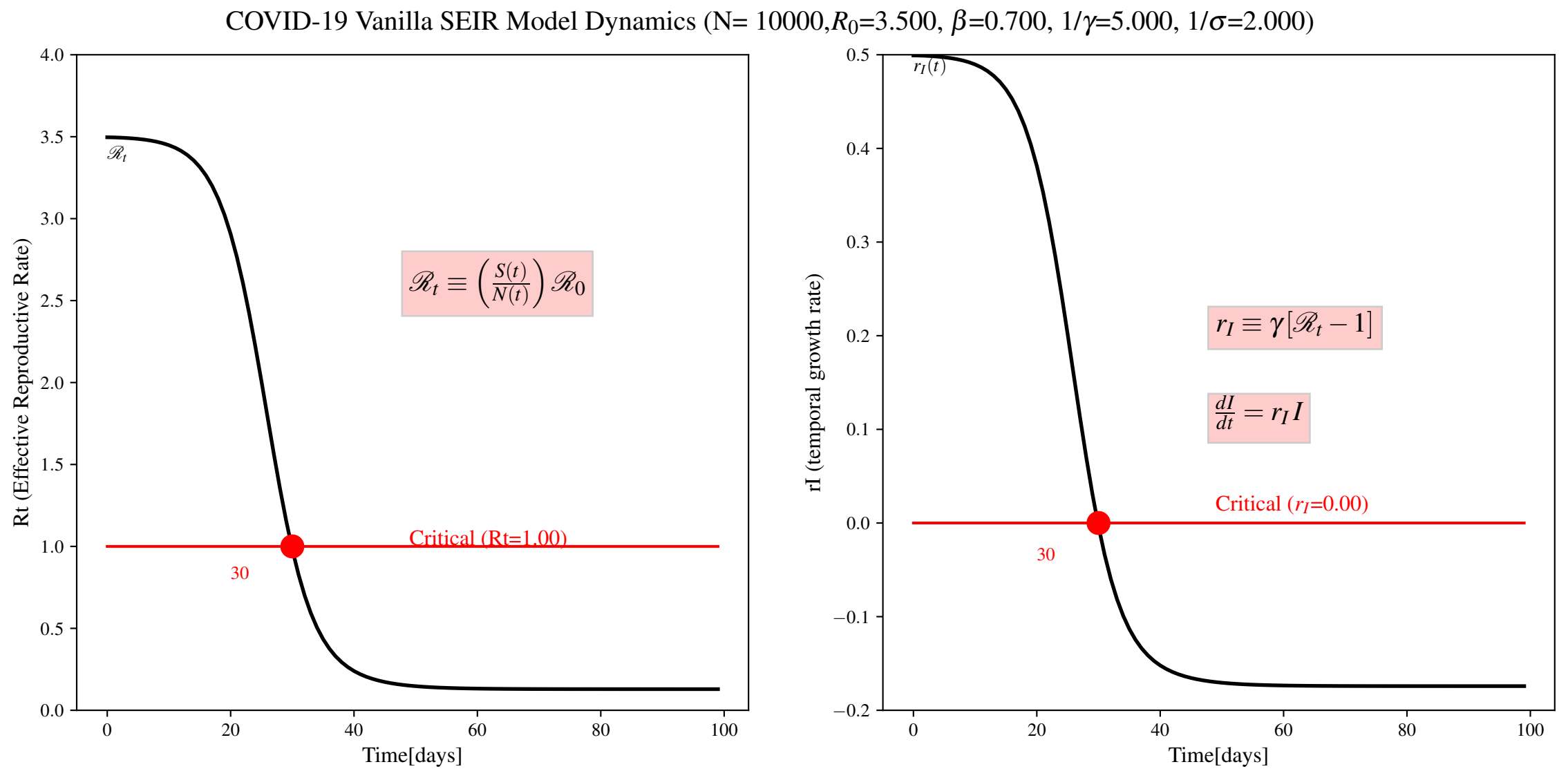
COVID-19 Vanilla SEIR Model Dynamics (N= 10000,R_0=3.500, β=0.700, 1/γ=5.000, 1/σ=2.000)
Rt (Effective Reproductive Rate)
Time[days]
$\mathscr{R}_t$
$\mathscr{R}_t \equiv \left(\frac{S(t)}{N(t)}\right)\mathscr{R}_0$
Critical (Rt=1.00)
30
rI (temporal growth rate)
$r_I(t)$
$r_I \equiv \gamma[\mathscr{R}_t - 1]$
$\frac{dI}{dt} = r_I I$
Critical (r_I=0.00)
30