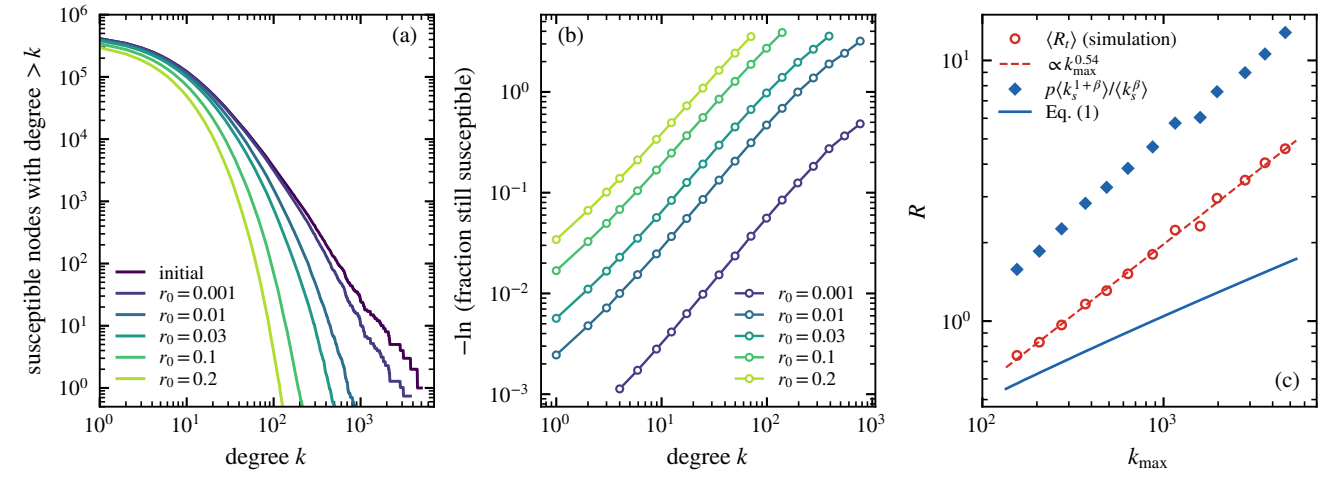

(a)
susceptible nodes with degree > k
degree k
initial
r0 = 0.001
r0 = 0.01
r0 = 0.03
r0 = 0.1
r0 = 0.2
(b)
−ln (fraction still susceptible)
degree k
r0 = 0.001
r0 = 0.01
r0 = 0.03
r0 = 0.1
r0 = 0.2
⟨Ri⟩ (simulation)
∝ k_max^0.54
p⟨k_s^{1+β}⟩/⟨k_s^β⟩
Eq. (1)
R
k_max
(c)