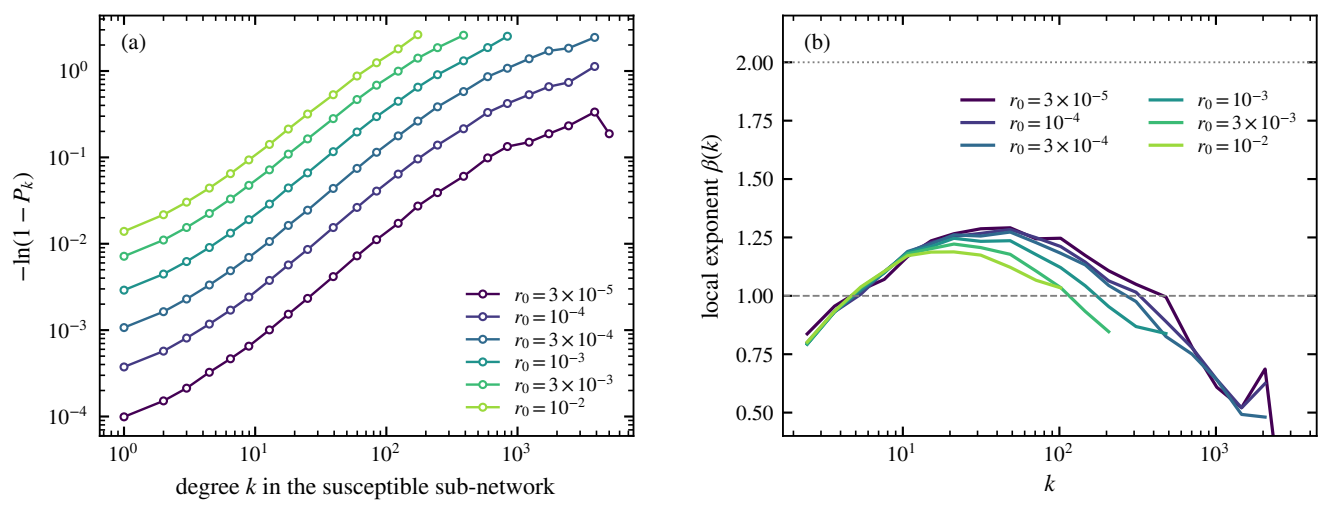

(a)
$-\ln(1-P_k)$
degree k in the susceptible sub-network
$r_0 = 3\times10^{-5}$
$r_0 = 10^{-4}$
$r_0 = 3\times10^{-4}$
$r_0 = 10^{-3}$
$r_0 = 3\times10^{-3}$
$r_0 = 10^{-2}$
(b)
local exponent $\beta(k)$
k