Building a network with assortative mixing starting from preference functions, with application to the spread of epidemics

Supplementary figures

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Figure S1. Theoretical density on a log scale (panel A) and empirical edge ratio (panel B) for a CM network with N=100,000 vertices.

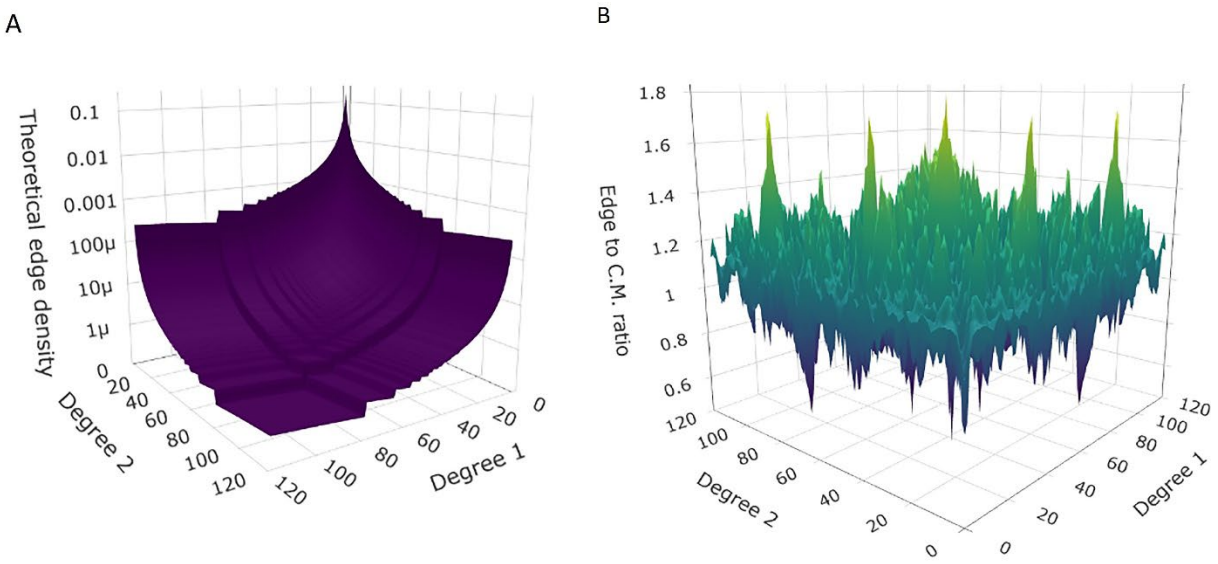

Figure S2. Epidemic curve over the CM network with $\lambda = 2.5$: incidence over time (panel A), and versus cumulative infections (panel B). Effective reproductive number (panel C). Transmissibility is $\alpha = 0.25$; showing 100 realizations.