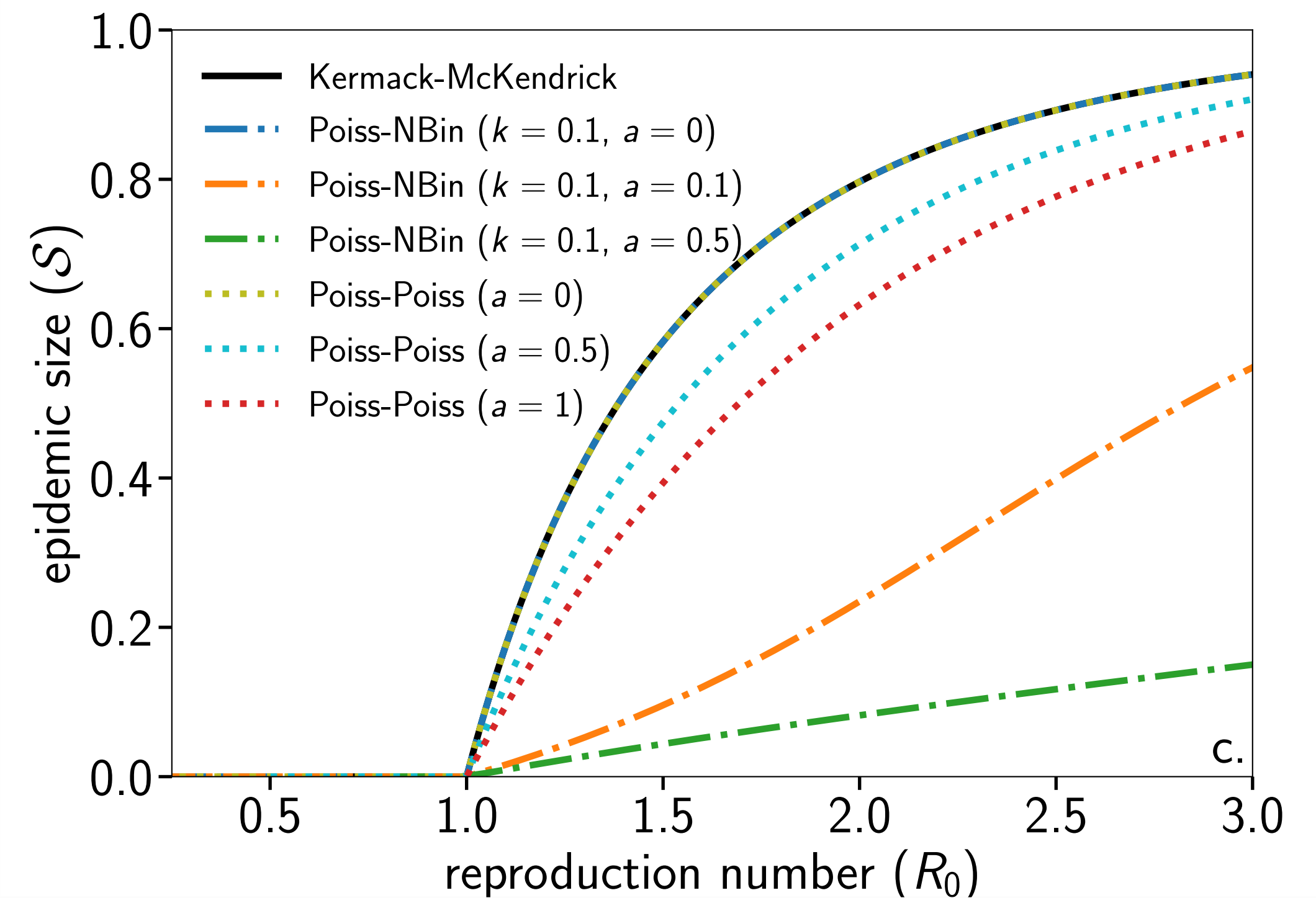
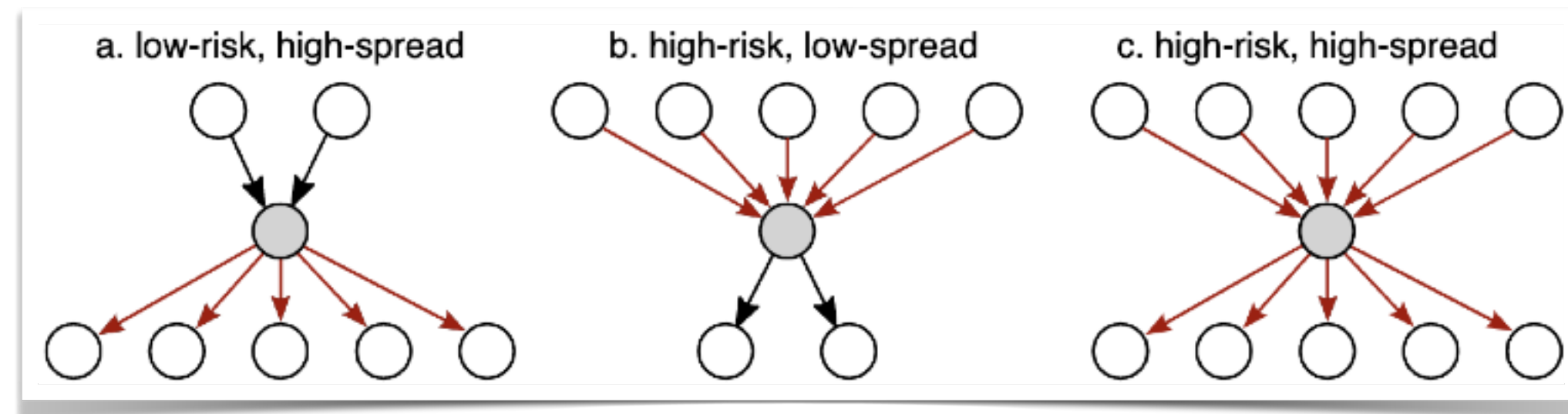


## Message #1 : distinction between “risk” and “spread”

- risk : contacts through which an individual can become infected (in-degree)
- spread : number of potential secondary infections if infected (out-degree)
- correlation between risk and spread greatly affects the likelihood of an epidemic as well as its size



Message #2 : *backward* contact tracing

- following links in the network in their opposite direction oversamples individuals that will cause a larger number of secondary cases

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## The effectiveness of backward contact tracing in networks

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