

Mesoscopic localization

Main takeaways

- The phenomenon of localization extends to mesoscopic structures like groups.
- Mesoscopic localization is the rule rather than the exception.
- Interventions at the group level are more efficient in presence of localization.

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Social Confinement and Mesoscopic Localization of Epidemics on Networks

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Master equation analysis of mesoscopic localization in contagion dynamics on higher-order networks

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Outline

1. The model and its mathematical description
2. Some applications
 - (a) Mesoscopic localization
 - (b) Heterogeneous transmission settings**
 - (c) Context-sensitive behavior