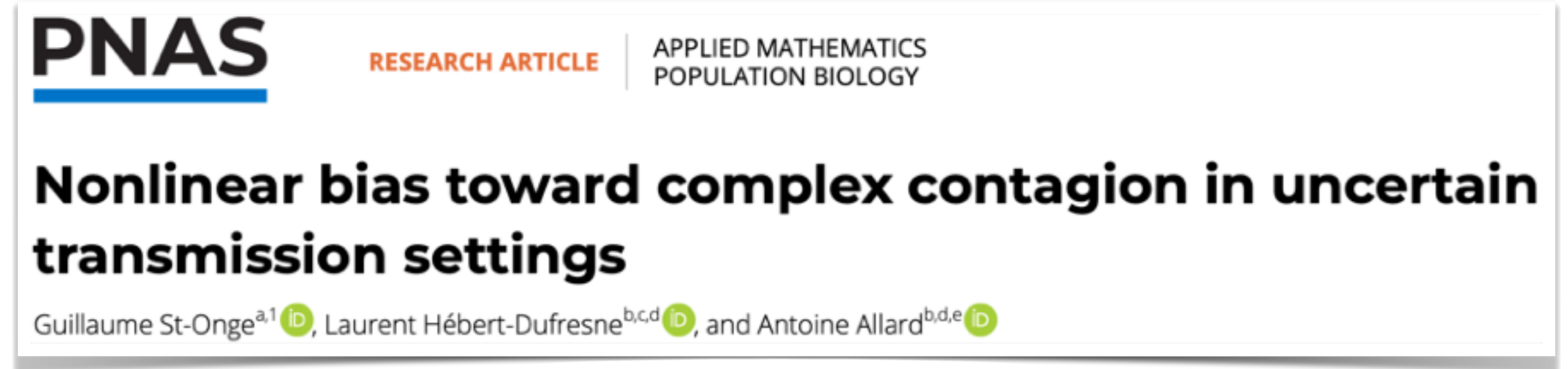


# Heterogeneous transmission settings

## Main takeaways

- ▷ Considering group heterogeneity changes the dynamics.
- ▷ Without knowing the local transmission rate, group heterogeneity mimics more complex rules.



Guillaume St-Onge  
Network Science Institute

Laurent Hébert-Dufresne  
Vermont Complex Systems Center



# Outline

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