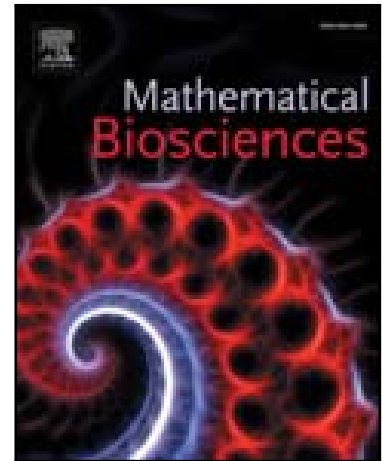


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On the Preservation of Cooperation in Two-Strategy Games with Nonlocal Interactions

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Highlights

- Study different two-strategy evolutionary spatial games with nonlocal interactions.
- For our PD games, cooperators can invade the habitat under proper conditions.
- The nonlocal spatial interaction favors diversity in strategies in a population.
- The nonlocal spatial interaction can preserve cooperation in a competing environment.
- A real data application in a virus mutation study echoes our theoretical observations.

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