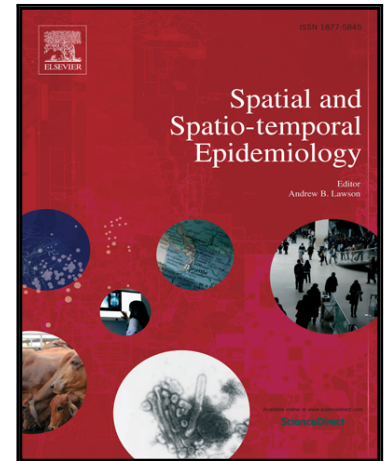


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Spatial Data Aggregation for Spatio-Temporal Individual-Level Models of Infectious Disease Transmission

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Highlights

- Investigated effect of spatial data aggregation on identifying covariate effect.
- Simulations investigate reducing the computational expense via spatial data aggregation.
- Infectious disease models fitted to aggregated data set.
- Statistics used to determine if covariate effect can still be identified.
- Results suggest covariate effect can still be estimated under aggregated data.

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