

Accepted Manuscript

Heterogeneity in schistosomiasis transmission dynamics

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PII: S0022-5193(17)30381-8
DOI: [10.1016/j.jtbi.2017.08.015](https://doi.org/10.1016/j.jtbi.2017.08.015)
Reference: YJTBI 9179



To appear in: *Journal of Theoretical Biology*

Received date: 17 February 2017
Revised date: 30 June 2017
Accepted date: 15 August 2017

Please cite this article as: Lorenzo Mari, Manuela Ciddio, Renato Casagrandi, Javier Perez-Saez, Enrico Bertuzzo, Andrea Rinaldo, Susanne H. Sokolow, Giulio A. De Leo, Marino Gatto, Heterogeneity in schistosomiasis transmission dynamics, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.08.015](https://doi.org/10.1016/j.jtbi.2017.08.015)

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Highlights

- Transmission dynamics of schistosomiasis presents multiple heterogeneity sources
- A comprehensive framework for heterogeneous disease transmission is proposed
- Heterogeneous multigroup communities can be more prone to parasite transmission
- Presence of multiple water sources can hinder parasite transmission
- Spatial and temporal heterogeneities can have nontrivial implications for endemicity

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