

Accepted Manuscript

Growth scaling for the early dynamics of HIV/AIDS epidemics in Brazil and the influence of socio-demographic factors

L. Dinh , G. Chowell , R. Rothenberg

PII: S0022-5193(17)30577-5
DOI: [10.1016/j.jtbi.2017.12.030](https://doi.org/10.1016/j.jtbi.2017.12.030)
Reference: YJTBI 9312



To appear in: *Journal of Theoretical Biology*

Received date: 26 July 2017
Revised date: 25 December 2017
Accepted date: 29 December 2017

Please cite this article as: L. Dinh , G. Chowell , R. Rothenberg , Growth scaling for the early dynamics of HIV/AIDS epidemics in Brazil and the influence of socio-demographic factors, *Journal of Theoretical Biology* (2018), doi: [10.1016/j.jtbi.2017.12.030](https://doi.org/10.1016/j.jtbi.2017.12.030)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- The generalized-growth model is a useful tool to characterize variability in epidemic growth patterns at different spatial scales.
- The growth scaling of the early dynamics of the HIV/AIDS epidemic in Brazil displayed substantial variation across states.
- Socio-demographic factors were significantly associated with the growth scaling of the early dynamics of the HIV/AIDS epidemic at state level in Brazil.

Download English Version:

<https://daneshyari.com/en/article/8876816>

Download Persian Version:

<https://daneshyari.com/article/8876816>

[Daneshyari.com](https://daneshyari.com)