

# Modeling heterogeneity in susceptibility and infectivity for HIV infection

Rand - RePub, Erasmus University Repository: A signature for biological heterogeneity in susceptibility to HIV infection?

Description: -

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White pine -- Diseases and pests

White pine weevil

Cereal products -- Diseases and pests -- Ireland.

School psychology -- United States -- Congresses.

National Association of School Psychologists -- Congresses.

Conduct of life

Bushido

Japan -- Antiquities.

Yamatai (Japan)

Himiko, -- 3rd cent.

Fishing -- Florida -- Panama City

Sunday schools -- Hymns.

Hymns, English -- History and criticism.

Animal industry -- Research -- Cameroon.

Agriculture -- Research -- Cameroon.

Institute of Agricultural Research (Cameroon)

Institute of Animal Research (Cameroon)

Apprentices -- United States

Telephone -- United States -- Job descriptions

United States. -- Army -- Handbooks, manuals, etc

Food industry and trade -- Russia

Cooperative societies -- Russia

Limburg (Belgium : Province) -- History.

Revolutions -- Belgium -- Limburg (Province) -- History -- 18th century.

Catholic Church -- Controversial literature. -- Debates, etc.

Highlands (Scotland) -- Description and travel.

Victoria, Queen of Great Britain, 1819-1901 -- Diaries.

Councils and synods, Diocesan.

Christian ethics.

God.

AIDS (Disease) -- Patients -- Care.

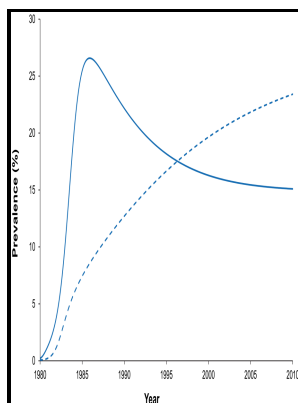
AIDS (Disease) -- Prevention. Modeling heterogeneity in susceptibility and infectivity for HIV infection

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Rand note -- N-3134-RC Modeling heterogeneity in susceptibility and infectivity for HIV infection

Notes: Includes bibliographical references (p. 19)

This edition was published in 1991



Tags: #How #heterogeneous #susceptibility #and #recovery #rates #affect #the #spread #of #epidemics #on #networks

**How heterogeneous susceptibility and recovery rates affect the spread of epidemics on networks**

Assuming that index and secondary infections occurred at the 5-mo and 7. Further, within London then there are smaller subgroups, such as the Turkish community or teenagers just to give two examples, who mix with each other more than people outside their group. HIV susceptibility linked to hormonal contraception HC has been studied before, but with mixed results.

RePub, Erasmus University



Filesize: 61.62 MB

Repository: A signature for biological heterogeneity in susceptibility to HIV infection?

Heterogeneity in the probability of HIV transmission per sexual contact: The case of male-to-female transmission in penile-vaginal intercourse. HIV Nef was included in a cluster with CD4, CD44, and interferon  $\alpha$  IFNA1; IFNA, but the role of Nef was confounded by the fact that this HIV region is deleted in J-Lat cells but not the other cell lines Fig.

## **Heterosexual transmission of HIV**

This model makes the following assumptions.

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One of the first was the concept of a core group introduced to explain the persistence of gonorrhea in the 1970s see Yorke, Hethcote, and Nold. One could go even a step further and examine whether there is any interaction between risk exposure and genetic profile. SDC cohort data that track susceptible individuals with both acutely infected and chronically infected partners is uniquely suited for this analysis.

## **Heterosexual transmission of HIV**

The heterogeneity among clonal cells could also reflect stochastic variations in transcription or biological differences between single cells, such as differences in epigenetics, the phase of the cell cycle, the cellular microenvironment, or other factors.

### **Heterogeneity in HIV and cellular transcription profiles in cell line models of latent and productive infection: implications for HIV latency**

Not capturing this variability in models may lead to erroneous conclusions and less than optimal high-stakes policy decisions.

### **How population heterogeneity in susceptibility and infectivity influences epidemic dynamics**

Eaton JW, Johnson LF, Salomon JA, Barnighausen T, Bendavid E, et al.

## Related Books

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- [Social development and personality.](#)
- [Lapès-midi de Monsieur Andesmas.](#)
- [Materials for advanced power engineering 1994 - proceedings of a conference held in Liège, Belgium](#)
- [Extraordinary life - the story of a monarch butterfly](#)