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Title: Zika virus dynamics: When does sexual transmission matter?

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*Highlight (for review)
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Highlights

- A mathematical model of Zika virus with age- and sex-structured transmission is presented.
- Modeling framework directly measures contribution from sexual and vector-borne transmission
- The model infers low (4.8%) contribution of sexual transmission to the basic reproductive number.
- Results are suggestive of a large reporting bias of females relative to males
- Conditions for vector-borne transmission to be central to an epidemic are identified

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