

## Accepted Manuscript

Risk Stratification in Compartmental Epidemic Models: Where to Draw the Line?

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PII: S0022-5193(17)30276-X  
DOI: [10.1016/j.jtbi.2017.06.004](https://doi.org/10.1016/j.jtbi.2017.06.004)  
Reference: YJTBI 9100



To appear in: *Journal of Theoretical Biology*

Received date: 22 August 2016  
Revised date: 6 June 2017  
Accepted date: 7 June 2017

Please cite this article as: Sze-chuan Suen, Jeremy D. Goldhaber-Fiebert, Margaret L. Brandeau, Risk Stratification in Compartmental Epidemic Models: Where to Draw the Line?, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.06.004](https://doi.org/10.1016/j.jtbi.2017.06.004)

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**Highlights**

- We examine effects of risk stratification choices in compartmental epidemic models.
- We compare unstratified and risk-stratified SIS models.
- We show that risk stratification choices change intervention outcome estimates.
- These changes can be significant in magnitude.
- Analysts should examine multiple alternatives and report the range of results.

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