

## Accepted Manuscript

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

Sze-chuan Suen, Jeremy D. Goldhaber-Fiebert,  
Margaret L. Brandeau

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)

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**

- 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.

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات