



Dear <<First Name>>,

Welcome to the latest TB Modelling and Analysis Consortium([TB MAC](#)) newsletter, with information for TB modellers, epidemiologists, and decision-makers.

### **Call to participate in the next Global Plan to End TB [deadline 31st May]**

There is an opportunity to contribute to an online consultation ending on the 31<sup>st</sup> May for the next Global Plan to End TB, for 2023–2030. It would be great to get a strong response from the TB modelling community early in the Global Plan process, so please do submit your views. Follow the link to the [survey](#) to submit your views, or for more information see the Stop TB Partnership [announcement](#).

### **NYU recruiting modellers**

New York University is currently recruiting modellers. Research will primarily be focused on the intersection of HIV and mental health care in Kenya and Zambia. However, there are other projects related to HIV, TB and COVID-19. For more information or to apply, click [here](#).

### **Recent publications from our community**

[Dale et al](#) model the cost-effectiveness of LTBI screening and treatment in migrants in a low incidence setting

[Pease et al](#) conduct a cost-effectiveness analysis of 3 months of weekly rifapentine and isoniazid compared to isoniazid monotherapy in a Canadian arctic setting

[Foster et al](#) conduct a cost and cost-effectiveness analysis of the TB diagnostic pathway in South Africa

[Zwick et al](#) model M.tb transmission as a result of complex contagion in Saskatchewan, Canada

[Ayinla et al](#) develop a theoretical TB model and analyse its stability

[Yang et al](#) analyse a migrant-based TB control strategy in a Chinese urban population

[Shrestha et al](#) quantify geographic heterogeneity in TB incidence and the potential impact of geographically targeted interventions in Dhaka, Bangladesh

[Shaweno et al](#) explore the importance of assortative mixing in amplifying sex disparities in TB burden

[Weerasuriya et al](#) model the affordability of adult TB vaccination in India and China

[Guo et al](#) analyse an age-structured TB model for China

[Han et al](#) model the impact of short-course multidrug-resistant tuberculosis treatment in Southeast Asia.

[Goscé et al](#) analyse the effectiveness of screening in migrant populations in Italy  
[Sohn et al](#) review the value of TB active case-finding given current evidence and methodological considerations

If you have any recently published TB modelling papers that you would like us to highlight in our future newsletters, [email](#) us with details.

For more information on TB MAC, or to get involved, please contact any of the [TB MAC Committee](#), visit [www.tb-mac.org](http://www.tb-mac.org) or email us directly at [tb-mac@lshtm.ac.uk](mailto:tb-mac@lshtm.ac.uk).

On behalf of all of us here at TB MAC we thank you for your ongoing subscription and which you a happy festive season and new year.

Best wishes,

Richard, Finn, Madeleine and the TB MAC Committee

[www.tb-mac.org](http://www.tb-mac.org)

[tb-mac@lshtm.ac.uk](mailto:tb-mac@lshtm.ac.uk)

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