



TB Modelling and Analysis Consortium

Dear <<First Name>>,

Welcome to the latest TB Modelling and Analysis Consortium (TB MAC) newsletter, with information for TB modellers, epidemiologists, and decision-makers. This month's newsletter contains a WHO TB consultant opportunity, details for the TB MAC seminar and recent TB modelling publications.

Join our next TB MAC seminar: Nim Pathy presenting on WHO methods for estimating the global burden of TB following COVID-related disruptions [27th April 1400-1500 BST]

TB MAC would like to invite you to join us for a seminar on WHO methods for estimating the global burden of TB following COVID-related disruptions, given by a member of the TB MAC community, Professor Nim Pathy on the 27th April 1400-1500 BST. See below for more details on the seminar, presenter and how to join or simply **click [add to calendar](#) to add the event and all details to your calendar and ensure you do not miss out!**

Seminar summary: Disruptions to TB services in the wake of COVID-19 have posed fresh challenges in the estimation of TB incidence and mortality. Mathematical modelling can help to address these challenges, by systematically incorporating data for the depth and duration of disruptions in different countries. The seminar will present results from this modelling, which have informed the global TB report since 2021. Part of this will also involve a discussion on the strengths and limitations of this approach, as well as opportunities for refining these estimates in future years.

Presenter bio: Nim Arinaminpathy is Professor of Mathematical Epidemiology at Imperial College London. In his research he applies mathematical modelling to study the spread and control of infectious diseases, with a focus on human tuberculosis (TB). He works closely with national TB programmes in high-burden countries, including India and Kenya.

Joining details: The seminar will take place online on the 27th April 1400-1500 BST.

Dial-in details:

Zoom meeting link: [https://lshtm.zoom.us/j/92322905200?](https://lshtm.zoom.us/j/92322905200?pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09)

[pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09](https://lshtm.zoom.us/j/92322905200?pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09)

Meeting ID: 923 2290 5200

Password: 753 122

Apply to become a WHO consultant [Closing date 20 April]

The WHO Global TB Programme is looking to establish a directory of consultants who can provide expertise in statistics and mathematical modelling to contribute to the core work of the TB Monitoring, Evaluation and Strategic Information Unit (TME) of the Global Tuberculosis Programme (GTB). For more information and to apply to be part of this directory, see the [link](#) and complete your application before the 20th April (this month).

Publications

[Willgert et al](#) analyse links between bovine density and ownership associated with human TB in India

[Richards et al](#) quantify progression and regression across the spectrum of pulmonary TB

[Dodd et al](#) use modelling to infer TB incidence prevalence and mortality in settings with generalized HIV epidemics

[Horton et al](#) model the population benefits of addressing programmatic and social determinants of gender disparities in TB in Viet Nam

[Chitwood et al](#) estimate subnational TB burden using routinely collected data in Brazil

[Sweeney et al](#) calculate the cost-effectiveness of short, oral treatment regimens for rifampicin resistant TB

As always, please email us with relevant news for the community and let us know 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 or email us directly at tb-mac@lshtm.ac.uk.

Best wishes,

Richard, Finn, Madeleine and the TB MAC Committee

www.tb-mac.org

tb-mac@lshtm.ac.uk

GDPR compliance

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