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 newsletter contains details of the next TB MAC seminar, a job opportunity, a mentoring opportunity at the Union Conference, available funding to attend the TB MAC post-graduate course at the Union, a TB MAC social at the Union, and papers from our community.

Join our next TB MAC seminar: Alexandra de Nooy on Modelling the impact of TB diagnostic and screening tools for Target Product Profile Development [28th November 1500-1600 GMT]
TB MAC would like to invite you to join us for a seminar Modelling the impact of TB diagnostic and screening tools for Target Product Profile Development, given by a member of the TB MAC community, Alexandra de Nooy on the 28th November 1500-1600 GMT. See below for more details on the seminar, presenters and how to join.

Seminar summary
For the most recent update of the World Health Organization's Target product profiles for TB diagnostics and screening tools, modelling work was requested to inform the minimum accuracy requirements (sensitivity/specificity) for different classes of diagnostics and screening tools. This presentation will highlight the modelling process and results, any differences between modelling results and final TPP values and will touch on the engagement process between the modelling group and other relevant stakeholders.

Presenter bio
Alex is a PhD student based at the Amsterdam UMC Department of Global Health. Originally trained as a biomedical and electrical engineer at the University of Witwatersrand in South Africa, she has completed subsequent NGO data analytics and modelling work in HIV and COVID-19. Her current PhD research focuses on the use of mathematical modelling to support TB diagnostic development and research. This has included work to model the potential impact of future TB diagnostics, for a range of LMICs, so as to provide evidence to guide the development of target product profiles for TB diagnostic and screening tools.

Joining details
The seminar will take place online on the **28th November 1500-1600 GMT**, dial-in details:
https://lshtm.zoom.us/j/93263654255?pwd=02ClkC8bs2rDWJDttlbLaqDglruEhA.1&from=addon
Meeting ID: 932 6365 4255
Password: 783140

Click below to add the event to your calendar and ensure you don't miss out!

A reminder that recordings of previous seminars can be found in the TB MAC video library:

https://tb-mac.org/tb-mac-resource/tb-modelling-video-library/

Job opportunity: Post-doc in population-level modeling to improve TB detection and treatment, Johns Hopkins University School of Medicine [rolling]

Johns Hopkins is recruiting for a post-doctoral fellowship focused on applying rigorous mechanistic models (including compartmental, decision-analytic, and/or agent-based models) to inform public health decision-making for the control and elimination of TB globally. The post-doc will be joining a TB research group that spans mathematical modeling, field epidemiology and clinical studies, and a variety of quantitative and computational methods, embedded within a broader team focused on using modeling and quantitative analysis to guide policy around TB, HIV, and STIs. Interested applicants should contact ekendall@jhmi.edu. More information is available here.

Informal mentor-mentee lunch during Union Conference at Bali [respond by 30th October]

We are initiating an informal and casual space for early career researchers within the TB modelling, epidemiology and health economics community to connect with experienced mentors in the TB MAC community at the Union Conference in Bali. We will assist with facilitating a mentor-mentee pair-up, where the pair can informally arrange their lunch/coffee. Please fill out this form to let us know: as a mentee, if you would be interested; as a potential mentor, if you'd be willing.

Funding available: Do you know someone who would like to attend an Introduction to TB Modelling Course at the Union Conference?

Participants looking for an introduction to the basic structure, assumptions, principles, and concepts of TB modelling, look no further. TB MAC's Post Graduate course - 'An Introduction to Tuberculosis Modelling' - has been accepted to this year's Union Conference The course will take place on Tuesday 12th November, from 10:30-13:30 and 15:00-18:00 Central Indonesian Time. We are able to cover the registration costs for up to 10 people to attend this course for individuals from low and middle income countries (normally ~€100). To apply for this funding, please email us at tb-mac@lshtm.ac.uk and include your current institution and country, as well as a brief paragraph justifying your interest. Successful applications will be notified on a weekly basis. Please pass on the details of this course to anyone you think would be interested.

Union Conference Social [14 November]

Please pencil in Thursday 14th November from 6 p.m. to join us at the Kenja Sky Lounge during the Union conference in Bali for an informal gathering of the TB modelling and analysis community. We hope to see you there!

Papers

Mangal et al assess the effect of health system resources on HIV and TB programmes in Malawi

Schwalb et al estimate subnational TB burden in Pakistan

Liu et al evaluate mass incarceration as a driver of TB in Latin America

Sumner et al estimate the potential impact of new TB vaccines on the burden of TB in people living with HIV in South Africa

Hsieh et al calculate the cost-effectiveness of screening with transcriptional signatures for incipient TB among US migrants

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, Christina and the TB MAC Committee

www.tb-mac.org

tb-mac@lshtm.ac.uk

GDPR compliance

In line with the new European data protection regulations (GDPR), we would like to make sure that you still want to hear from us and keep receiving the newsletter. Subscription to the newsletter means we have your name, email and organisation details stored in a private mailing list. If you no longer like us to keep this information or no longer wish to receive newsletters please click on unsubscribe below. Should you choose not to unsubscribe we will take this as your acceptance to continue receiving newsletters from us.

Tweet   Forward