Reviewer's report

Title: Informing decision-making for universal access to quality tuberculosis diagnosis in India: an economic-epidemiological model

Version: 0 Date: 19 May 2019

Reviewer: Jason Stout

Reviewer's report:

This manuscript examines the potential cost-effectiveness of implementing GeneXpert testing at the decentralized level in India versus providing centralized testing. The manuscript is clear, well-written, and uses appropriate methodology to address the study question. I have only one substantive comment:

1) The key assumption of this work is that obtaining a GeneXpert result on the same day will significantly reduce pre-treatment loss to followup. While this assumption would seem reasonable on first glance, several authors have not noted significant impact on this parameter due to, for example, high rates of empiric treatment and failure to follow guidelines. Because this parameter is so important, it would be helpful if the authors performed a threshold analysis to better understand what impact GeneXpert must have on pre-treatment loss to followup in order to remain cost-effective.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

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Not applicable

Are the conclusions drawn adequately supported by the data shown?
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