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*Debashree Ray, Assistant Professor from the Department of Epidemiology, Johns Hopkins University was added as a co-author to this manuscript for her help with the revision. Debashree had some thoughtful suggestions that helped address reviewer comments. She read, edited and crafted the section on sensitivity analysis of the different models, integrating input from other co-authors.*

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Availability of data and material: Please visit <https://github.com/umich-cphds/cov-ind-19>

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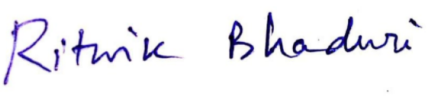



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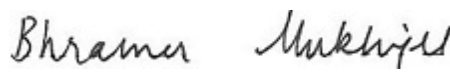
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