

Reviewer Report

Title: Impact of reference design on estimating SARS-CoV-2 lineage abundances from wastewater sequencing data

Version: Revision 1 **Date: 5/9/2024**

Reviewer name: Liuyang Zhao

Reviewer Comments to Author:

Thank you for your response, which has partially addressed the two questions previously posed. Nevertheless, it seems that a more comprehensive exploration of these issues could enhance the clarity and depth of your study. I anticipate that your forthcoming publication will offer a more detailed resolution to the concerns that remain outstanding. The insights and findings you intend to present in your next article are expected to make a significant contribution to the existing body of research in this field. I look forward to the continued development of your work.

Methods

Are the methods appropriate to the aims of the study, are they well described, and are necessary controls included? Choose an item.

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Are the conclusions adequately supported by the data shown? Choose an item.

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