*Editor-in-Chief*

*The Lancet Digital Health*

*6th December 2021*

Dear Dr Sarkar,

I am pleased to submit for your consideration an article on the optimisation of Covid-19 vaccine delivery to UK housebound patients. Specifically, the article presents a solution to the well-known *travelling salesman problem*, adapted specifically for vaccination, and estimates the positive impacts that its widespread adoption has resulted in.

I believe this work will be of interest to the readership of the Lancet Digital Health as it involves the application of simple digital technologies to a complex logistical problem, against the backdrop of a vaccination campaign of unprecedented scale. The findings of this work will be of relevance to those involved in the planning or provision of services to the housebound patient population, both in the immediate context of Covid-19 and likely also in the future. The work is also timely as it appears increasingly clear that mass vaccination will continue to be required over the next year in order to keep the pandemic under control.

I would like to suggest Professor Sebastien Ourselin at King’s College London as a suitable reviewer for this work. Due to his involvement with the ZOE Covid-19 symptom tracking app, Professor Ourselin has valuable insight into the rapid application of digital technologies to advance public health goals in a crisis situation.

The authors of this manuscript declare no conflicts of interest relating to this publication. This work was financially supported by Magdalen College Oxford, Oxford University Innovation, and JHubMed, part of UK Strategic Command. These parties played no part in the preparation of the manuscript itself. We confirm that this article is entirely original work and is not at present being considered for publication by any other journal. I confirm, as corresponding author, that the final version of the manuscript has been reviewed and approved by all authors.

I hope you find the article suitable and relevant for publication in your journal and look forward to hearing from you in due course.

Kind regards,

Dr Thomas Kirk

*on behalf of the co-authors*

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