*Editor-in-Chief*

*NPJ Digital Medicine*

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Dear Dr Kvedar,

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 NPJ Digital Medicine 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 timely as it is increasingly clear that future rounds of vaccination may be required to keep future variants 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. Similarly, following pre-submission correspondence with Dr Alan Godfrey, he has kindly offered to act as handing editor for this work.

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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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