

**Summary of discussion: JBC Data Science Advisory Board Meeting 30th July 2021 14:00 – 14:50
[held virtual]**

Chair: Professor Daniela De Angelis

1. Previous minutes were signed off and agreed

2. JBC Update

- The JBC Director of Data & Data Science gave an update on current organisational priorities.

3. JBC presentation: Modelling and impact of test and trace

- Presenter provided an overview of the project and upcoming publication, an update on the previously published Rum model – the *Canna* model. The objective of this model is to estimate the historical impact of Test, Trace and Isolate (TTI), in England, from June 2020 to April 2021.
- The main points from the abstract of the report were highlighted by the presenter.
- The fundamental elements of the model were explained.
- The percentage of transmission reduction because of TTI was then discussed.
- Secondary case reduction and hospitalisations were discussed, and the speaker highlighted that onward chains of transmission have not been considered.
- The presenter concluded with caveats to the model and then welcomed questions and discussion.

4. Discussion

- The Board welcomed the presentation and a constructive debate, covering validation and uncertainties within the model structure, correlation of data streams, access to data sources and publication of the study data, and compliance occurred.
- The Board thanked the presenter and JBC for sharing the model and report and for inviting their challenge and commentary.

5. Any other business

- The Secretariat proposed a motion that in recognition of Summer leave, the scheduled meeting for August be cancelled with recurring meetings resuming for the September date.

Attendance

Professor Daniela De Angelis	Professor of Statistical Science for Health, University of Cambridge, Deputy Director and Programme Leader at the MRC-BSU
Professor Alison Heppenstall	Professor of Geocomputation, University of Glasgow and Alan Turing Institute Fellow.
Professor Chris Holmes	Programme Director for Health and Medical Sciences, The Alan Turing Institute
Dr Zeynep Engin	Urban Dynamics Laboratory, UCL
Professor Graham Medley	Professor of Infectious Disease Modelling, London School of Hygiene and Tropical Medicine
Dr Johanna Hutchinson	Director of Data & Data Science, Joint Biosecurity Centre
Dr Sylvia Richardson	Director, Chair of Biostatistics, University of Cambridge
Simon Vosper	UK Meteorological Office
Professor Dame Wendy Hall	Professor, Associate Vice President (International Engagement) and Executive Director (Web Science Institute), University of Southampton
Michael Cohen	Joint Biosecurity Centre (Presenting)
Ross Burton	Joint Biosecurity Centre (Secretariat)
Charlie Dunstan-Rice	Joint Biosecurity Centre (Secretariat)
Michael Stewart	Joint Biosecurity Centre (Observer)
Professor Tracey Thornley	Joint Biosecurity Centre (Observer)
Nick Watkins	Joint Biosecurity Centre (Observer)