

IEMAG

Minutes of meeting – Wednesday 21 April 2021

Attendees: Philip Nolan (Chair), Breda Smyth, Cathal Walsh, Chris Brunsdon, Conor Keegan, Conor McAloon, Conor Teljeur, Darren Dahly, Elizabeth Hunter, Eoghan McCarthy, Francis Butler, Guy McGrath, James P Gleeson, Jamie Madden, Jim Duggan, Justin Gleeson, Maire Connolly, Mathieu d'Aquin, Patrick Wall, Seán Lyons

Apologies: Ajay Oza, Alan Cahill, Ann Barber, Brendan Murphy, David McEvoy, John Kelleher, Máirín Ryan, Malachy Corcoran, Matt Robinson, Simon More

DOH: Ronan O'Kelly, Libby McCrohan

Secretariat: Darragh Turner, Denis Ryan, Fiona Tynan, Ivan Murphy

General Updates

- The Chair welcomed the group and outlined the agenda for the meeting.
- Working Group 3 provided a progress update and discussed directions for future geospatial work. The need for higher resolution data was discussed. The group agreed that future geospatial work should be done in collaboration with the HSE, HPSC, and CSO.
- PN detailed a revised vaccination programme model which can be used to inform other models.
- JD presented an exploratory school-effects model.
- EH provided an update on the agent -based model, incorporating impact of in-school mixing, infectiousness of children, community mixing, and returning to work.
- PN discussed publication of modelling summary report. Plan is to update paper with further model output and publish as a technical note.
- The group discussed SFI research. Members were encouraged to reach out to researchers directly.
- MDA provided a progress update on behalf of the data engineering group. The group are continuing work on generating synthetic data. PN advised of an upcoming meeting with the HSE to discuss collaboration.
- PN advised that BM has agreed to chair a subgroup to look at mechanisms for estimating the reproduction number and to develop a standard protocol.
- MC brought a recent OECD report to the group's attention, highlighting the importance of modelling input.
- PN advised that there may be an out of sequence meeting of the NPHE on 27 April 2021.

Working Group 1: Epidemiology Modelling**Actions:**

1	PN to circulate draft work programme to WG1. Next step is to discuss with RG.
2	PN to circulate revised vaccine programme model – feedback welcome.
3	JG to rerun model with updated vaccination assumptions.
4	JD to complete exploratory run of school-effects model with mean susceptibility of children at 50% compared to adults.
5	EH to send updated model (when available) to PN to feed in to PN model.

[Working Group 2: Demand/Supply Modelling](#)

Actions:

1	SL to circulate updated technical note and rerun model with updated vaccination assumptions.
2	CK and SL to update note on length of stay and admission probabilities.

[Working Group 3: Geospatial Mapping/Modelling](#)

Actions:

1	PN and JG to discuss features in experimental area of Geohive Hub with RG.
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[Working Group 4: Data Engineering](#)

Actions:

1	Continue work on generating synthetic data.
2	PN to discuss data engineering work with the HSE to facilitate collaboration.

Misc. Actions

- Members to contact SFI researchers directly.
- PN to discuss OECD report and importance of modelling input with RG.

Next Meeting: 12 May 2021