

Statistical Approaches to Understanding the COVID-19 Pandemic on the Island of Ireland

Workshop funded by the Irish Statistical Association, with support from the Royal Statistical Society

Date: Monday 25th April, 10am-4:30pm

Location: LCI-G018, ILAS Building, NUI Galway

Organisers: Nicola Fitz-Simon and Laura Boyle for the ISA and RSS Medical Section

Registration: This event is free to attend. Please email crfbiostatistics@nuigalway.ie by Wednesday 13th April; registration will be confirmed by return email. If the event is oversubscribed priority will be given to PhD students, ISA and RSS members.

Timetable

10:00 arrive, register etc

10:30 Introduction: Prof Maire Connolly, NUIG, co-ordinator of the PANDEM project

10:35 Dr Darren Dahly, UCC: *The BMJ living review of prediction models for diagnosis and prognosis of covid-19: A case study in research waste*

SFI COVID-19 rapid response speakers:

11:10 Dr James Sweeney, UL: *An age-structured SEIR model for COVID-19 incidence, with framework for evaluating health intervention cost*

11:30 Dr Tsukushi Kamiya, NUIG/College de France: *Estimating time-varying infectious contact on the island of Ireland: a multi-strain epidemiological model of SARS-CoV-2*

11:55 Dr Anthony Masters, co-author with David Spiegelhalter of "Covid by numbers": *The challenges of communicating Covid-19 statistics*

12:30 – 1:30 lunch

1:30 Prof Adele Marshall, QUB: *Modelling the Effectiveness of Non-Pharmaceutical Interventions on COVID-19 in Northern Ireland*

Data speakers:

2:05 Dr Catherine Timoney, HSE: *Network Analysis of a COVID-19 Outbreak in the West of Ireland*

2:25 Dr Lisa Domegan, HPSC: *Excess all-cause mortality in Ireland during the COVID-19 pandemic*

2:45 Dr Jos Ijpelaar, NISRA: *Providing timely evidence of Covid-19 related deaths in Northern Ireland*

3:05: coffee

3:30 Prof Cathal Walsh, UL: *Reflections on Challenges and Successes while Modelling COVID-19*

4:30 discussion

4:30 close