

COVID Project

Minutes for Thursday, November 5, 2020 - 12:30AM - 1:30PM PDT via MS Teams

Present: John Braun, Patrick Brown, Kaitlyn Hobbs, Ngan Lyle (Minutes), Maggie Ma,

Meeting Notes

- Ryerson Collaboration
 - Will not pursue this, not clear where their data is coming from
- CJS paper
 - Pending analyses
 - * Issue with scraped inspections data which has been scraped through to Oct 9, would make more sense if the inspections data did not include counts from after onset of the pandemic (will need to decide on a date), also complaints and critical incident report types are not representative of number of complaints and critical incidents for a home
 - * Spatial analysis on the new ON dataset (with data through to Aug 1) and the BC data
 - Main message
 - * For a statistical audience
 - * Question is, is there spatial dependence i.e. clustering of outbreaks at the level of LTC homes?
 - * Novel spatial analysis showing no spatial effect associated with deaths and a very small spatial effect associated with outbreaks
 - Writing responsibilities
 - * Draft an outline e.g. 1 Intro, 2.1 Data, 2.2 Models/Methods
 - * Figures - maps are main figures
 - * Variable screening - LASSO - table
 - * Equations
 - Format
 - * Template from CJS
 - * Will need to be in LATEX - Overleaf
 - Other
 - * First draft in 3 weeks
 - * Question about zero inflated censoring, is there a different process responsible for the excess zeros?
 - * Question about a discrepancy between Poisson regression with offset (multiple highly significant variables) vs. LASSO which showed very poor predictive value with CV

Next Meeting:

- **Monday, Nov 16, 1pm PDT: John and Ngan will meet to draft an outline**