

Master of Data Science - University of British Columbia Okanagan

Minutes for June 3, 2020 - 11:00 AM - 12:00 PM PST via Microsoft Teams Meeting

Present: Bruno St-Aubin (Statistics Canada), Marian Radulescu (Statistics Canada), Sofia Bahmutsky, Ngan Lyle (Minutes), Kaitlyn Hobbs, Shreeram Murali

Meeting Notes

Issue 1: Amenity dense score

- OK to use the mean of the amenity dense score to represent amenity richness at the PHU level

Issue 2: Status presentation

- Discussed results of the beta regression showing that COVID-19 counts are inversely proportional to both amenity richness and rates of COPD
- For slide 16, tilt x axis labels and shorten the PHU name to make it more readable

Issue 2: PHU proportions

- Discussed with Marian e.g. of crime statistics, rate per 100,000 Crime in Toronto per capita is not high
- Suggested to use the number of COVID cases divided by the population of the PHU
- Resources to explain the percent comorbidity data sent in Bruno's last email
- Can try to add age as a predictor (using age from census data)

Issue 3: D3 visualization

- Need a crash course in web dev
- Bruno will send resources

Further work

- Add sections to the final presentation and report about data sources and methodology

Action Items

1. For LTC analysis

- Incorporate data from the LTC quality database and rerun analyses

2. For PHU analysis

- Investigate how comorbidities percent was calculated
- Adjust the COVID proportions data and rerun the analysis

3. For D3 visualization

- Upload a static visualization to github and share with Bruno

Next Meeting: Monday, June 8 with Bruno who will send out the invitation.