The Right to Vancouverism: Social Reproduction Placemaking in the Revanchist City

Cheryl-lee Madden
BA grad (UBC 2018) as an unclassified 5th year UBC student
cheryl-lee.madden@alumni.ubc.ca
Professor Catherine Corrigall-Brown
corrigall.brown@ubc.ca

Background and Experimental Design:

I am interested in precarious renter-tenure, particularly, how Covid has disproportionately affected Vancouver women in low-paying service-sector jobs who will be permanently left behind (RBC July 2020).

I wish to work on Jens von Bergmann's Mountain Math blog post data who is a Vancouver-based data scientist, to analyse mobility using data from the 2018 Canadian Housing Survey (CHS). Then, once I visualize this data through GitHub I will visualize it in a GIS low-income and mobility map to best describe this situation. Mr. Bergmann's blog post is: https://doodles.mountainmath.ca/blog/2021/03/29/forced-out-in-canada-new-data-from-chs/. This work will compare my analysis with Mountain Math's charts and other GIS data visualizations to gain more ideas for the kind of analyses I should be doing to illustrate the situation of low-income and subsequent increased mobility risk (evictions) data. Jens von Bergmann mentions in his blog post that researchers first need to contact StatsCan to request the data at this point:
ttps://www150.statcan.gc.ca/n1/en/catalogue/46250001
Which I have done by obtaining the data from Jeremy Buhler, UBC librarian - link:
https://abacus.library.ubc.ca/dataset.xhtml?persistentId=hdl:11272.1/AB2/EZJYQI
Next, I will sort for Vancouver and work on this data in Jens von Bergmann's GitHub link:
https://github.com/mountainMath/doodles/blob/master/content/posts/2021-03-29-forced-out-in-canada-new-data-from-chs.Rmarkdown

Lastly, I will investigate projects with similar themes to mine once I can visualize the CHS 2018 data through GitHub:

Map Monday: Mapping the US' Eviction Crisis: https://datasmart.ash.harvard.edu/news/article/map-monday-mapping-us-eviction-crisis

Concentrations of Poverty: https://storymaps.arcgis.com/stories/8e96c9d251f54e5c85afeff70b5be282

Eviction Lab: https://evictionlab.org/map/#/2016?geography=counties&bounds=-117.471,43.451,-103.593,48.208&type=er

Identifying Gentrification with GIS: Spatial Correlation between Race, Income, and Education:
https://blogs.oregonstate.edu/geog566spatialstatistics/2020/06/05/identifying-gentrification-with-gis-spatial-correlation-between-race-income-and-education/

Statistical Questions:
I would appreciate advice on the following:
Statistically speaking (without having Covid data), is Jens von Bergmann's Mountain Math blog post, GitHub coding the best way to estimate risky tenure (mobility) for those low-income women who have been permanently left behind by Covid job loss? Are women working in the service-sector (the working poor as defined by Low Income Measure (LIM)) at greater risk during Covid job loss for eviction (mobility)? Using the Canada Housing Survey 2018 data, how can we visualize poverty and mobility in a Vancouver map? Are some areas more concentrated than others, for example?