Investigating the autism and ADHD prevalence in Chile through Bayesian prevalence analysis and clinical record data linkage

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This dissertation is submitted for the degree of Master of Philosophy. The dissertation does not exceed the word limit for the respective Degree Committee. Word count: xxx TODO

```
## Reading layer `chl_admbnda_adm3_bcn_20211008' from data source
##   `C:\Users\delat\OneDrive\MPhil Population Health Sciences 2022-2023\12 Dissertation\04_Data\CHL_adm
##   using driver `ESRI Shapefile'
## Simple feature collection with 345 features and 16 fields
## Geometry type: MULTIPOLYGON
## Dimension:     XY
## Bounding box:  xmin: -109.4549 ymin: -55.98 xmax: -66.41821 ymax: -17.4984
## Geodetic CRS:  WGS 84
```
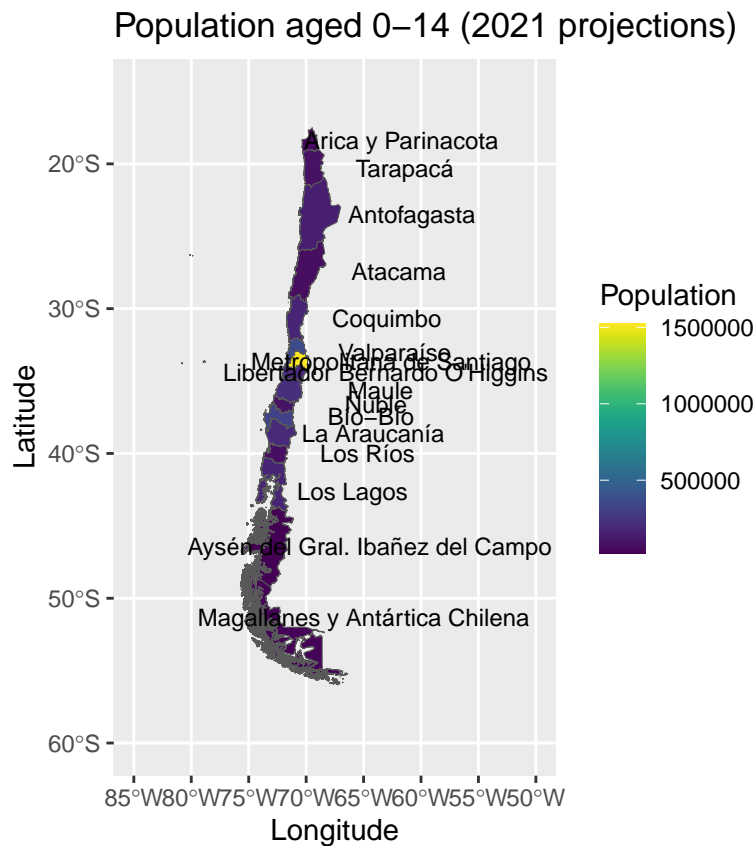
1 Abstract

TODO

2 Declaration

This dissertation is the result of my own work and includes nothing which is the outcome of work done in collaboration except where specifically indicated in the text.
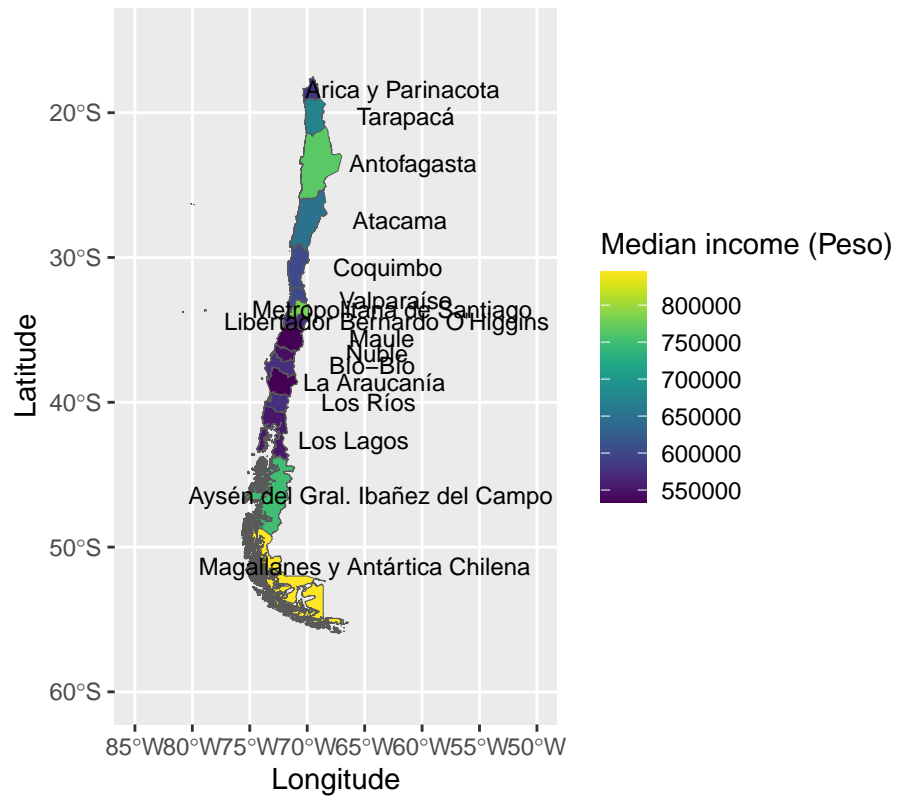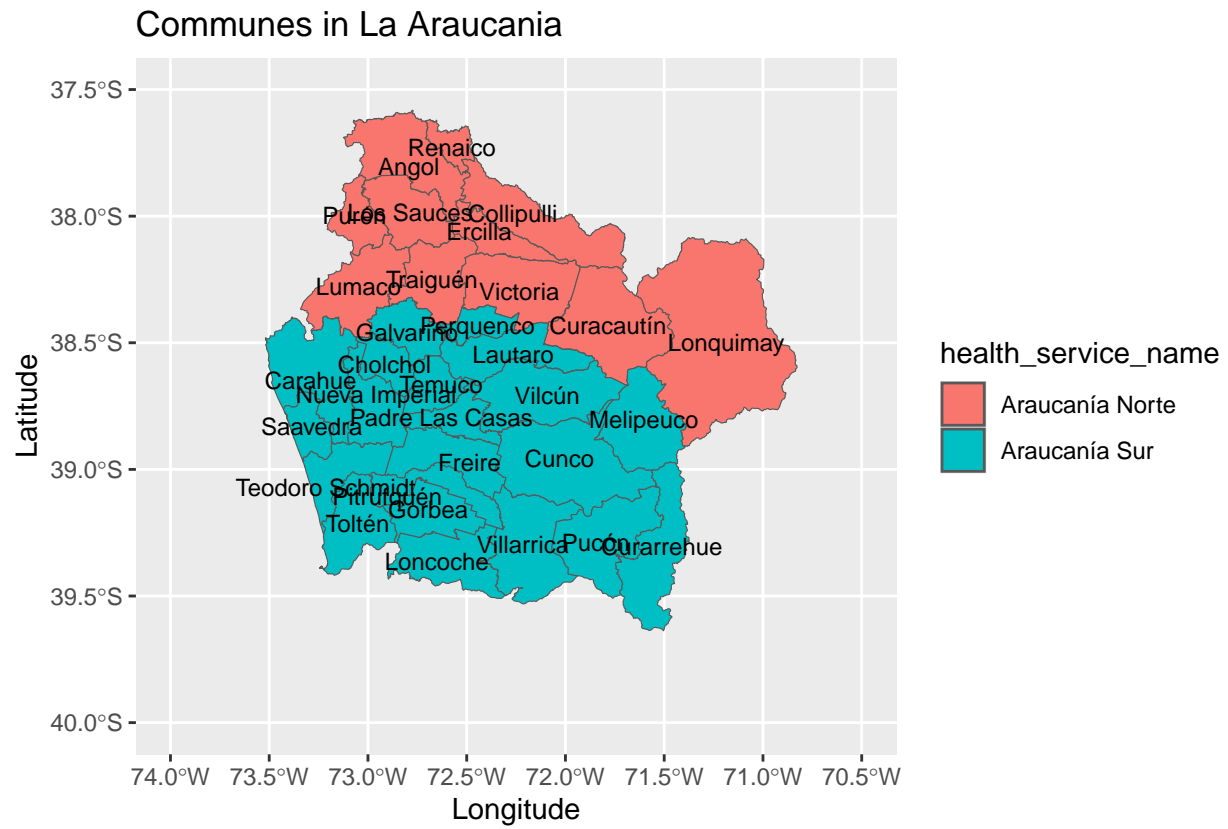
USN: xxxxx July, 2022

TODO - is this section needed?

3 Introduction

Population aged 0–14 (2021 projections)

Net income from main job (2021)

Arica y Parinacota
Tarapacá
Antofagasta
Atacama
Coquimbo
Valparaíso
Metropolitana de Santiago
Libertador Bernardo O'Higgins
Maule
Ñuble
Bío-Bío
La Araucanía
Los Ríos
Los Lagos
Aysén del Gral. Ibañez del Campo
Magallanes y Antártica Chilena

Median income (Peso)

800000
750000
700000
650000
600000
550000

Latitude

Longitude

20°S
30°S
40°S
50°S
60°S

85°W 80°W 75°W 70°W 65°W 60°W 55°W 50°W

Communes in La Araucania

4   Methods

5   Results