

Health Mapping

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1 Mapping New Zealand Health Data

Lets take some health data from the Ministry of Health Shiny App. tidy it up and plot it onto a Regional Map of New Zealand. The health website is it's own shiny app and we could do a lot of things there, but comparisons aren't so easy.

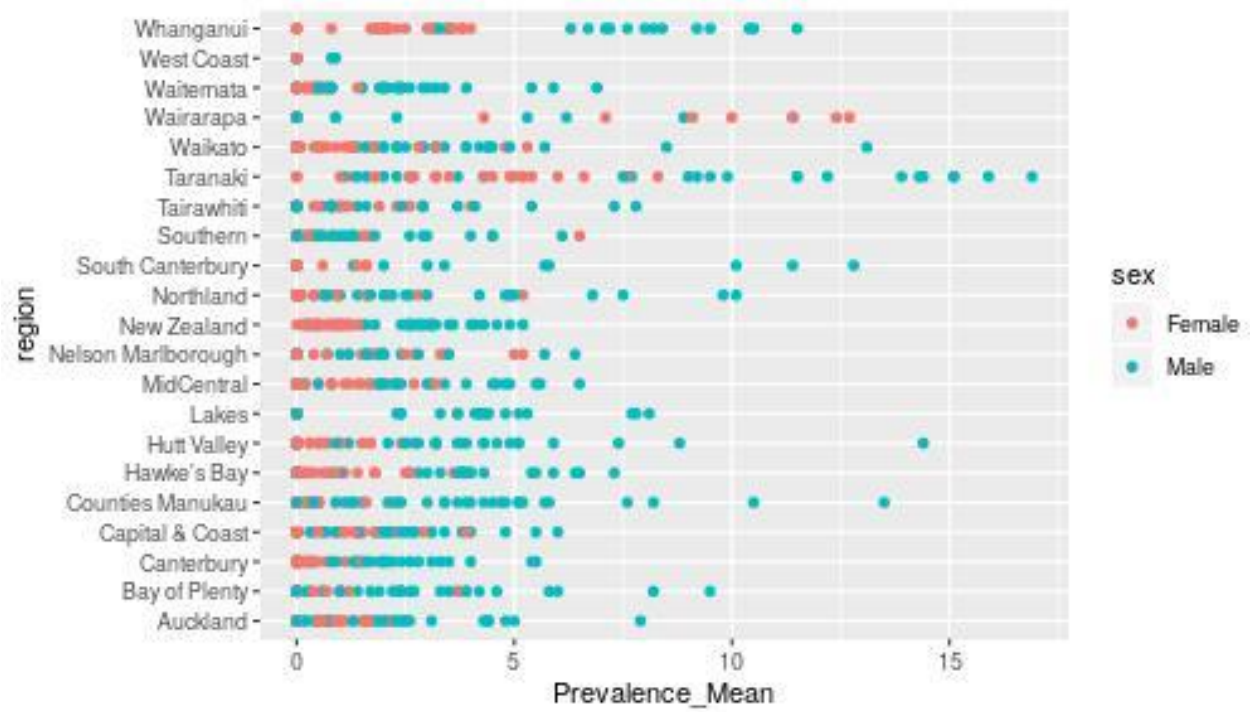
This is a reasonable chunk of data, 466245 lines with 15 columns with these headers

population, short.description, region, type, year, agegroup, sex, Ethnicity, nzdep_quin, Prevalence_Mean, Prevalence_Mean.SE, CI.Lower.Bound, CI.Upper.Bound, estimated.number, effective.sample.size

1.1 Plot

lets make a super simple plot with something in the data

```
newdat <- hdat %>% filter(., short.description == "ADHD", type == "STD", sex !=  
  "All")  
  
ggplot(newdat, aes(Prevalence_Mean, region, col = sex)) + geom_point()
```



2 References