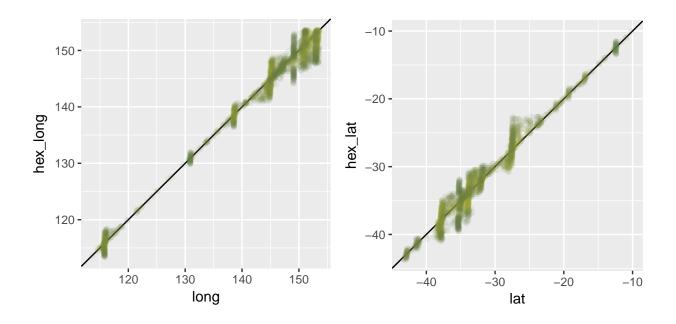
Australia Maps

Stephanie Kobakian and Di Cook 4/13/2018

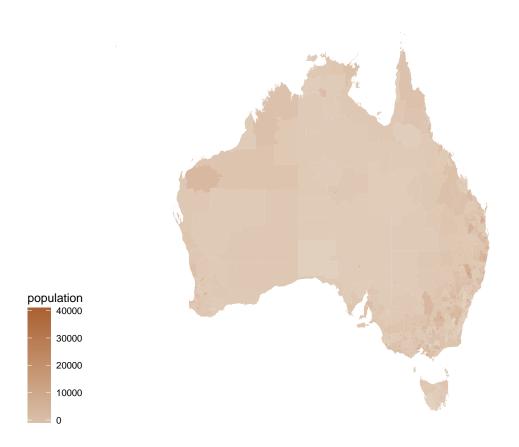
```
library(tidyverse)
library(ggthemes)
library(gridExtra)
load("data/sa2.Rda")
load("data/sa2_tidy.Rda")
load("data/sa2_hex.Rda")

p1 <- ggplot(sa2_hex, aes(x=long, y=hex_long, colour=rank(desc(pop)))) +
    scale_colour_gradient(low="#c0c030", high="#607848") +
    geom_abline(slope=1, intercept=0) + geom_point(alpha=0.1) +
    theme(aspect.ratio=1, legend.position="none")

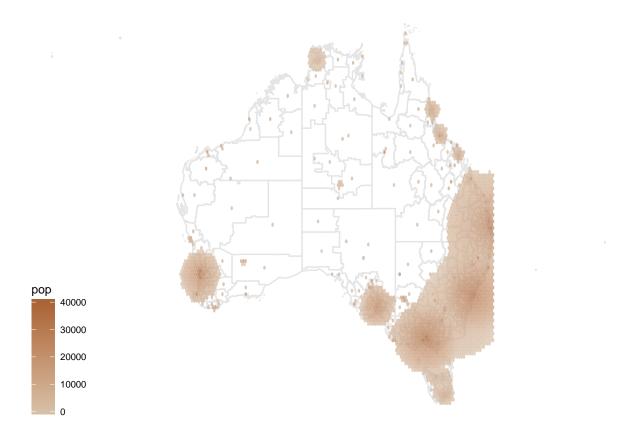
p2 <- ggplot(sa2_hex, aes(x=lat, y=hex_lat, colour=rank(desc(pop)))) +
    scale_colour_gradient(low="#c0c030", high="#607848") +
    geom_abline(slope=1, intercept=0) + geom_point(alpha=0.1) +
    theme(aspect.ratio=1, legend.position="none")
grid.arrange(p1, p2, ncol=2)</pre>
```



Map of Australian SA2 areas coloured by population.



Map of Australian SA2 areas represented by hexagons, coloured by population.



Interactive plot, label contains the SA2 name for $2016\,$

library(plotly)
#ggplotly(ausHex)