



# Choropleth for continuous variables with leaflet



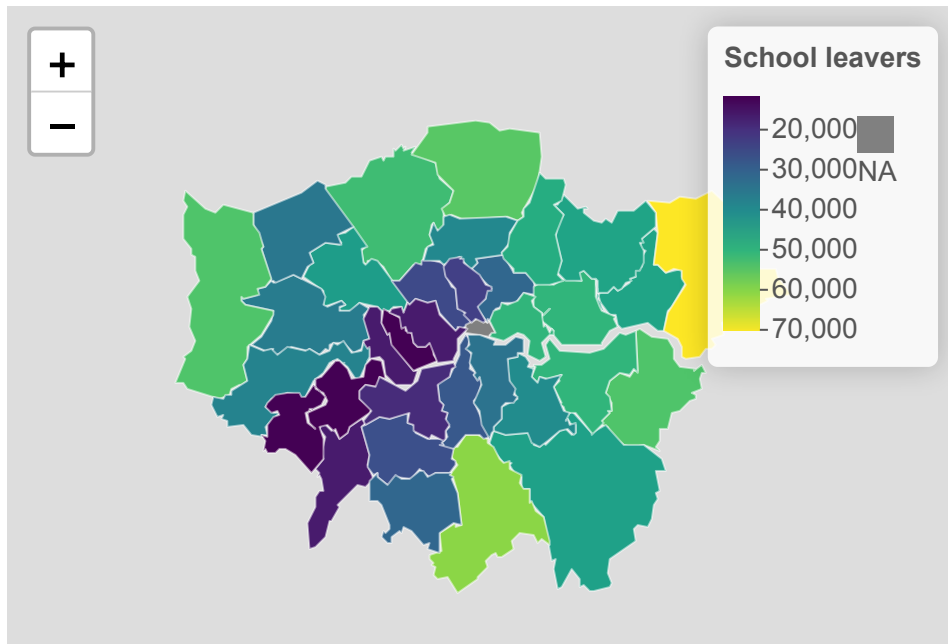
# Choropleth of continuous variables



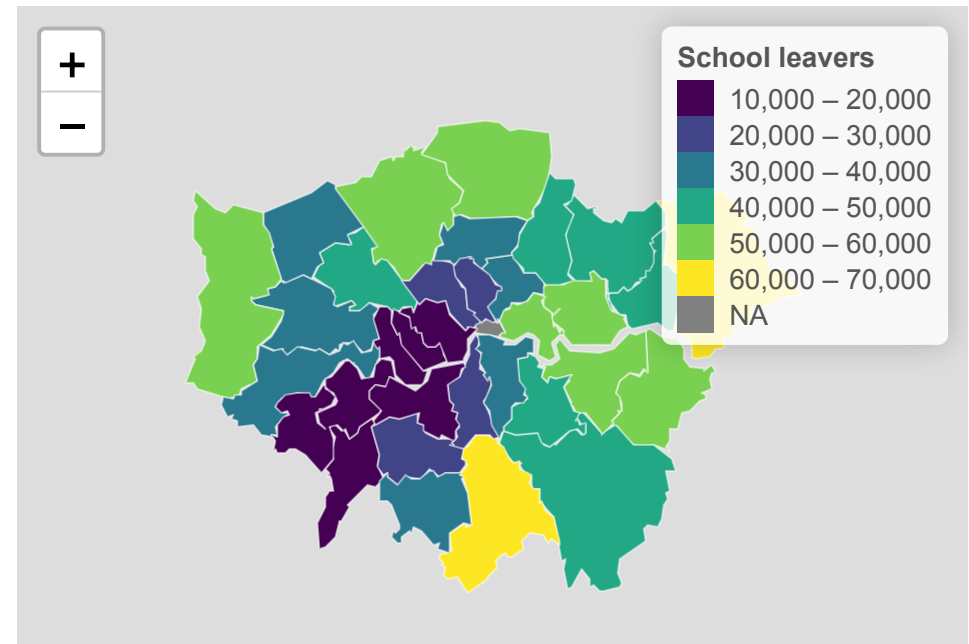
# Continuous choropleth legend types

There are two general purpose continuous legend types:

```
colorNumeric("virdis", ...)
```



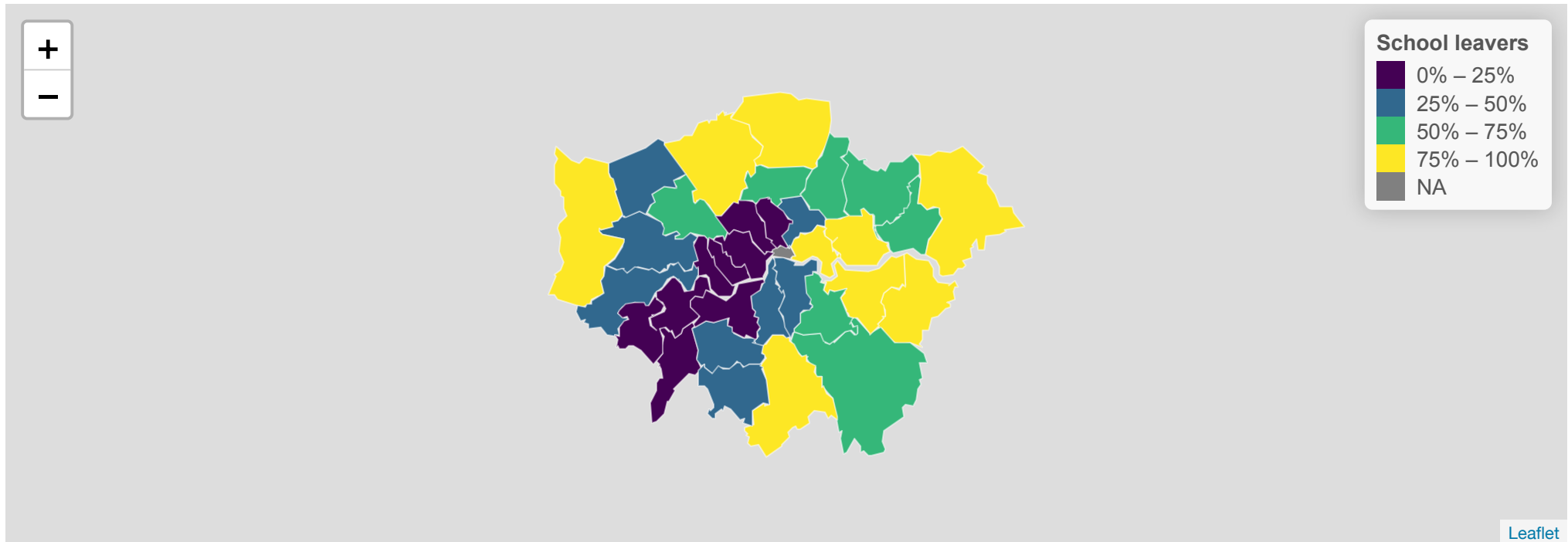
```
colorBin("virdis", ...)
```





# Continuous choropleth legend types

`colorQuantile()` is only useful in specific circumstances.

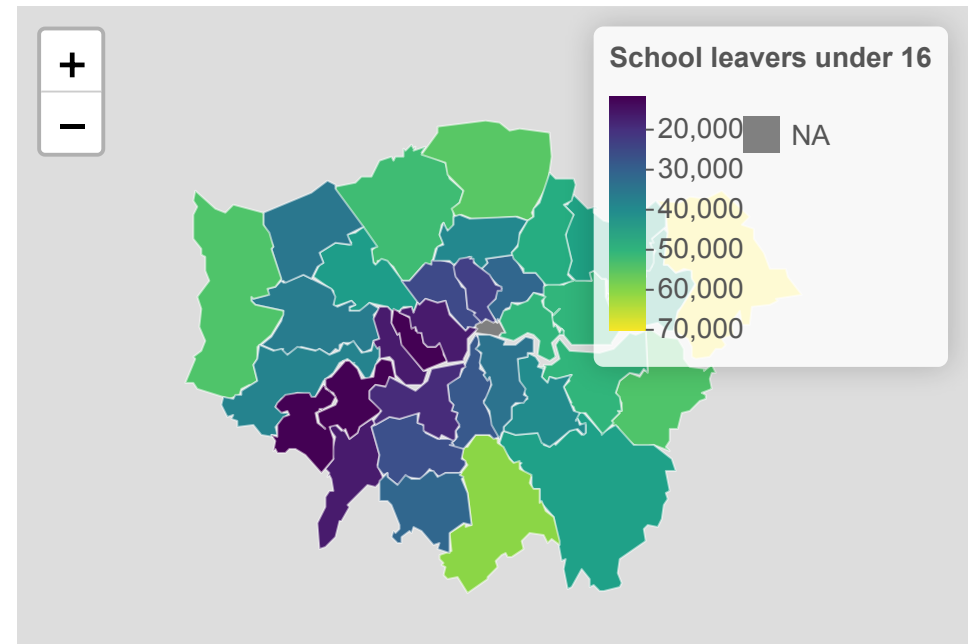
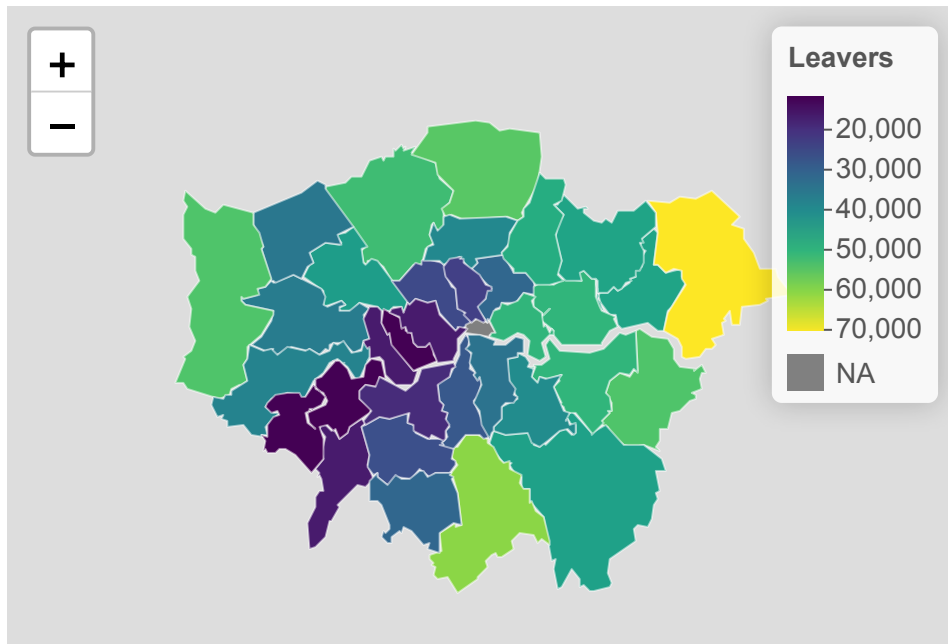




# NA label placement

Unfortunately, the placement of the NA label switches dependent on the width of the legend title.

[This is a known issue](#), I've provided solutions for this in both scripts.





# Popups for NA regions

Customising the popup text for NA regions is slightly complicated as it requires `pmap()`.

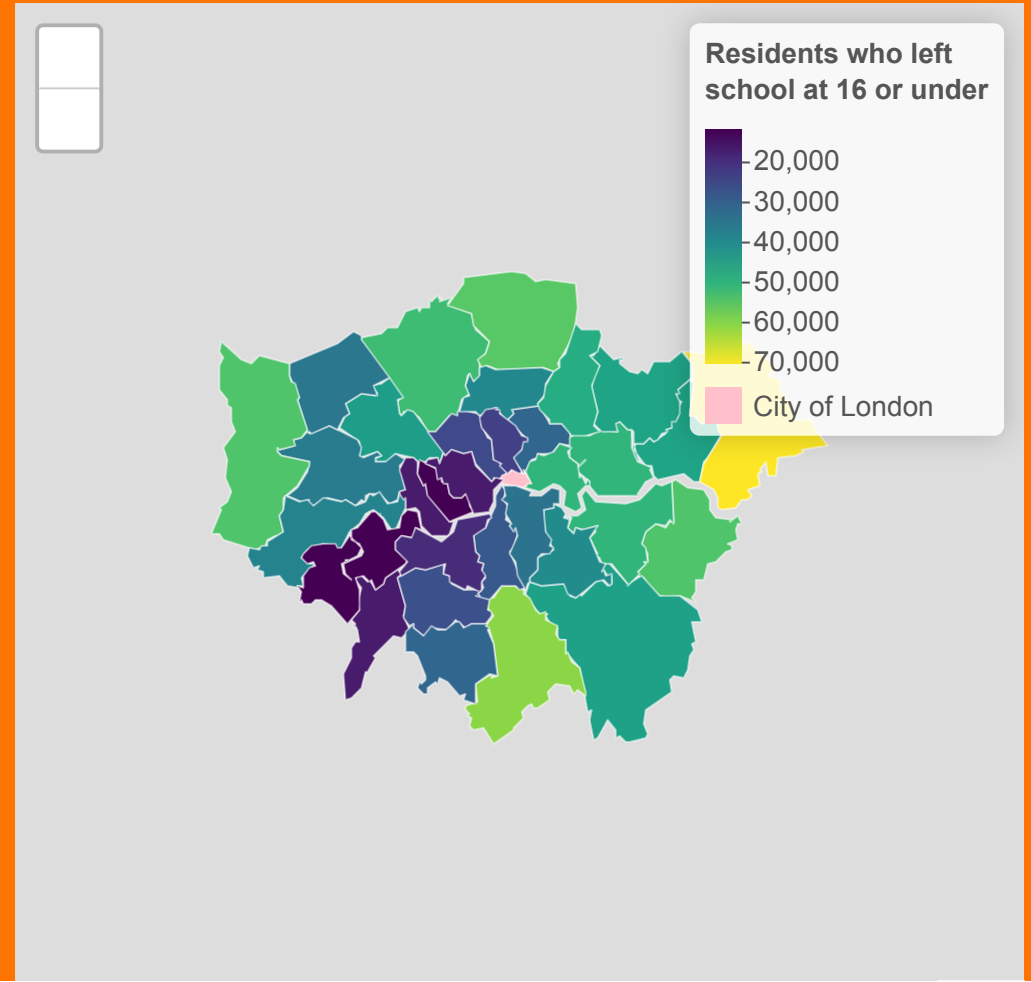
Please see the learn more section for this video for more information.

```
popup_summary <- function(region_name, choropleth_variable){  
  pmap(list(region_name, choropleth_variable), function(region_name, choropleth_variable){  
    if(is.na(choropleth_variable)){  
      ...  
    } else {  
      ...  
    }  
  })  
}
```

# My turn



I'm going to create this choropleth.





# Your turn

Use the `your-turn.R` script in 03\_07 to build this map.

- Add the provided popup function
- Customise the NA label and color

