

SOC 4650/5650: Lecture 06 Functions

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February 26th, 2018

Packages

- ggthemes
- RColorBrewer
- tidyverse
 - ggplot2
- viridis

Remove Feature Boundary Lines

```
ggplot2::geom_sf(.data, mapping = aes(fill = fillVar),  
  color = NA)
```

Work with Themes

Map Theme

```
ggthemes::theme_map()
```

Change Font Size

```
ggthemes::theme_map(base_size = val)
```

Move Legend

```
ggplot2::theme(legend.position = "right")
```

Plot Labels

Plot Title

```
ggplot2::labs(title = "title text")
```

Plot Subtitle

```
ggplot2::labs(subtitle = "subtitle text")
```

Plot Caption

```
ggplot2::labs(caption = "caption text")
```

Putting Them All Together

```
ggplot2::labs(
  title = "title text",
  subtitle = "subtitle text",
  caption = "caption text")1
```

¹ The commas between each item in
labs() are critical!

*Legend Title**Color Brewer*

```
RColorBrewer::scale_fill_distiller(palette = "pal",
  trans = "reverse", name = "legend title")
```

Viridis

```
viridis::scale_fill_viridis(option = "pal",
  name = "legend title")
```