

Laboratorio51-MD

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Hecho con gusto por Leislle R. Manjarrez O.

Laboratorio 51- Editando el color de los graficos (Parte 1)

Instalar paqueterias `install.packages("gapminder")` `install.packages("ggplot2")`

Llamar la librerias

```
library(gapminder)
library(ggplot2)
```

Cargar los datos al entorno

```
data("gapminder")
```

Filtrado por año 2007

```
gapminder2007 <- gapminder[gapminder$year == '2007',]
```

Link para conocer los colores que maneja ggplot <http://www.stat.columbia.edu/~tzheng/files/Rcolor.pdf>
(<http://www.stat.columbia.edu/~tzheng/files/Rcolor.pdf>)

Cambiar el color de dos graficos utilizados previamente Grafico 1

```
g1 <- ggplot(data = gapminder2007,
             mapping = aes(x= gdpPerCap,
                           y = lifeExp,
                           color = continent)) +
  geom_point()
```

Ver g1

```
g1
```

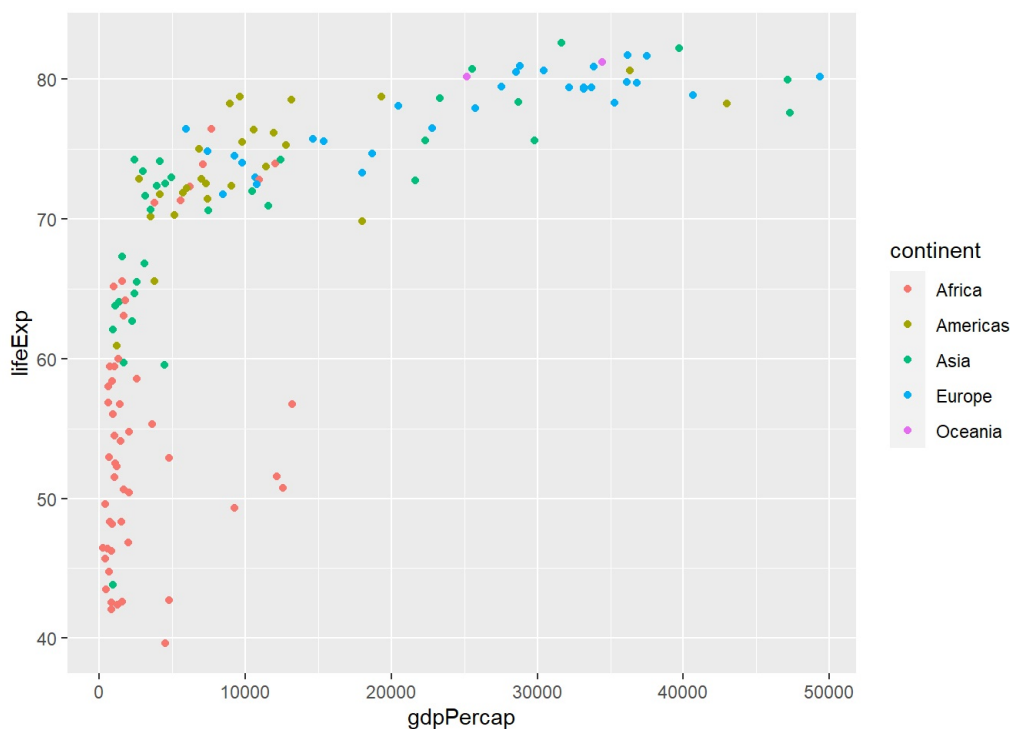
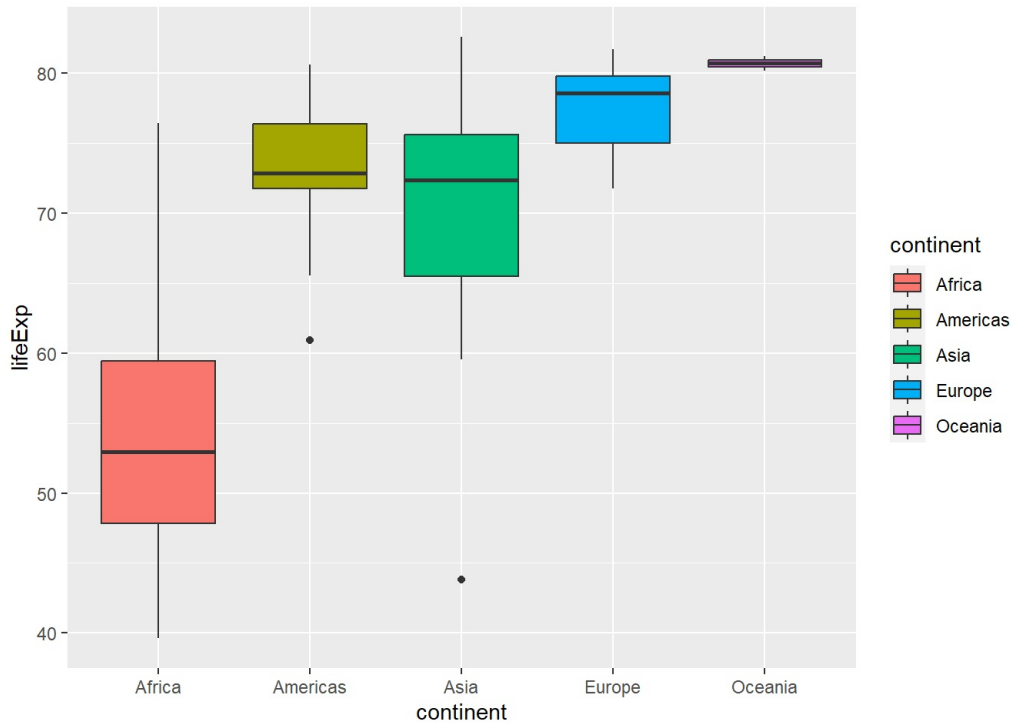


Grafico 2

```
g2 <- ggplot(data = gapminder2007,
             mapping = aes(x= continent,
                           y = lifeExp,
                           fill = continent)) +
  geom_boxplot()
```

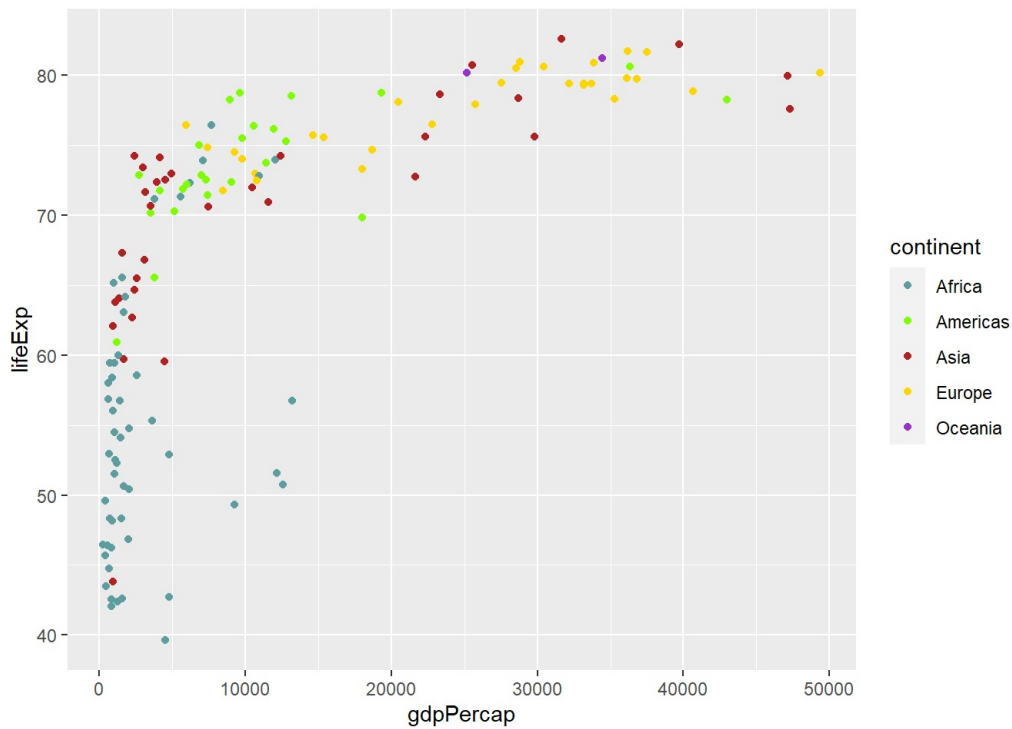
Ver g2

g2

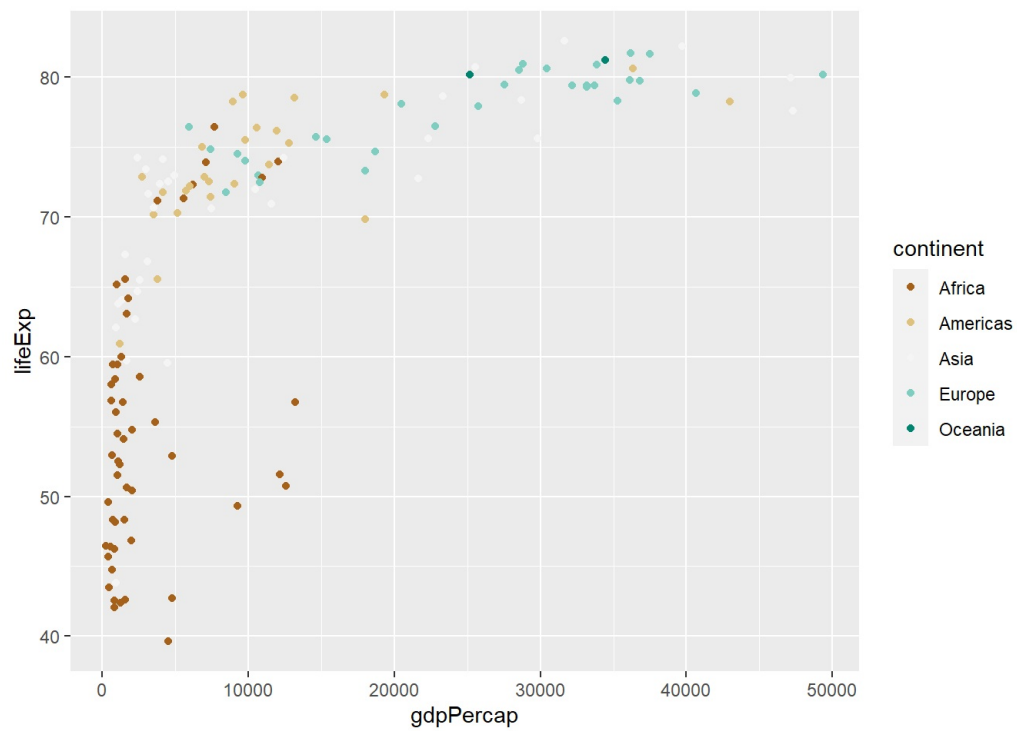


Cambiar el color de los continentes

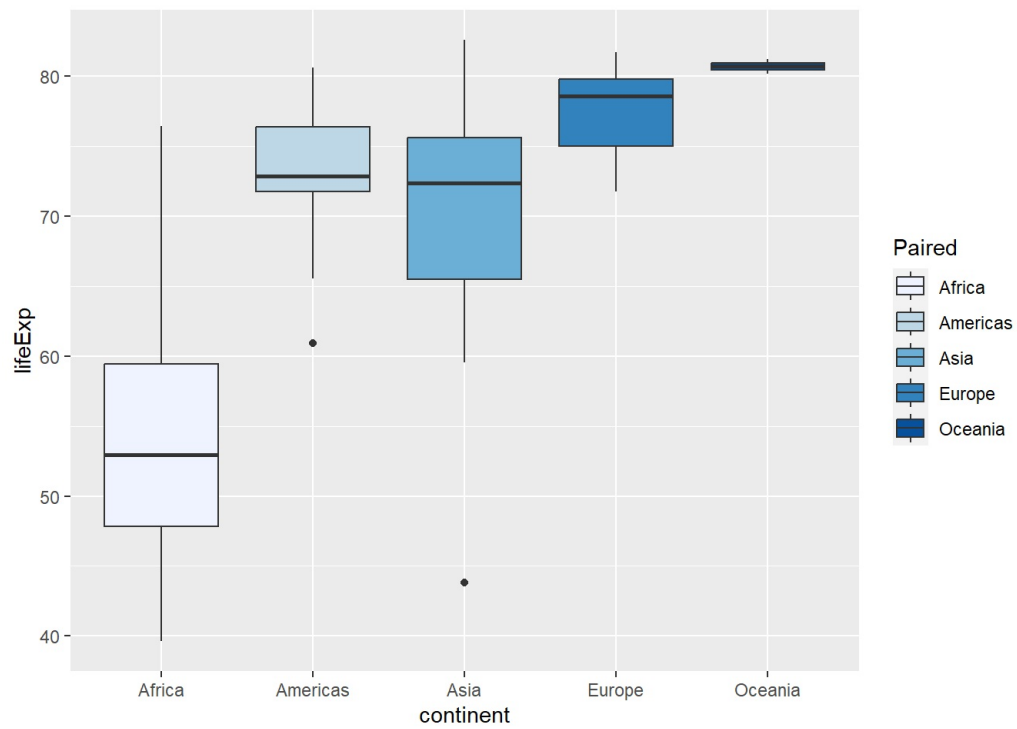
```
g1 + scale_color_manual(values = c('cadetblue',  
  'chartreuse',  
  'firebrick',  
  'gold',  
  'darkorchid'))
```



```
g2 + scale_fill_manual(values = c('cadetblue',  
  'chartreuse',  
  'firebrick',  
  'gold',  
  'darkorchid'))
```

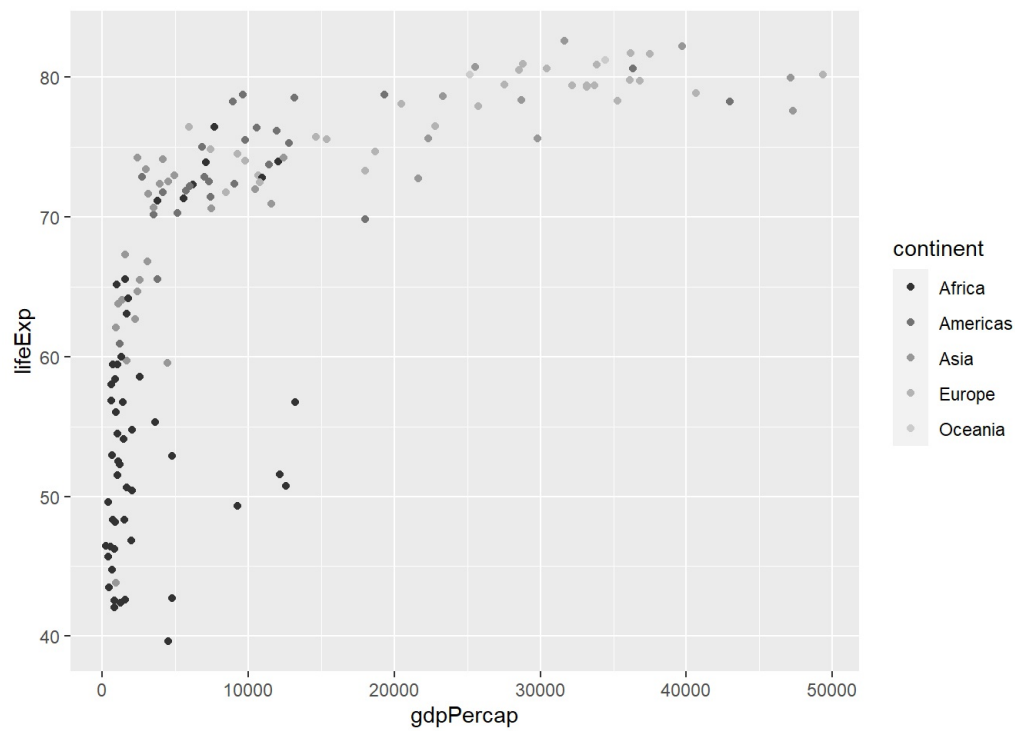



```
g2 + scale_fill_brewer("Paired")
```



Cambiar a escala de grises

```
g1 + scale_color_grey()
```



```
g2 + scale_fill_grey()
```

