

Manipular leyendas lab 38

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```
#instalando paquete con los datos #install.packages("gapminder") #install.packages("ggplot2") # cargar libreria ggplot2 y gapminder
```

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

cargando datos a entorno

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

filtrando por año 2007

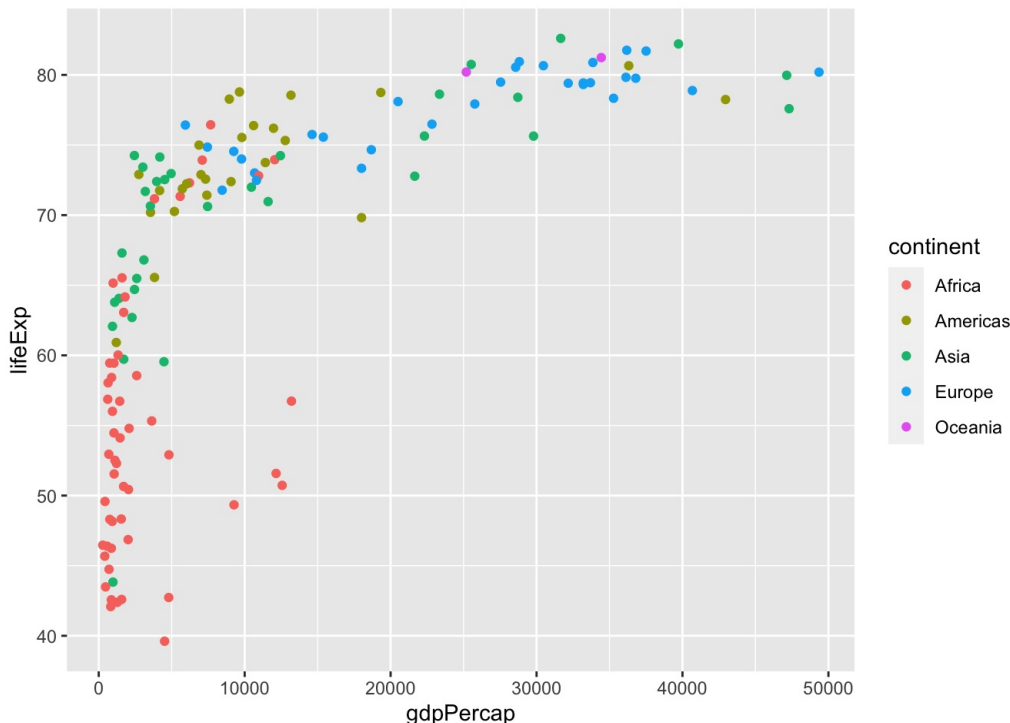
```
gapminder2007 <- gapminder[gapminder$year == '2007', ]
```

colocando texto base

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

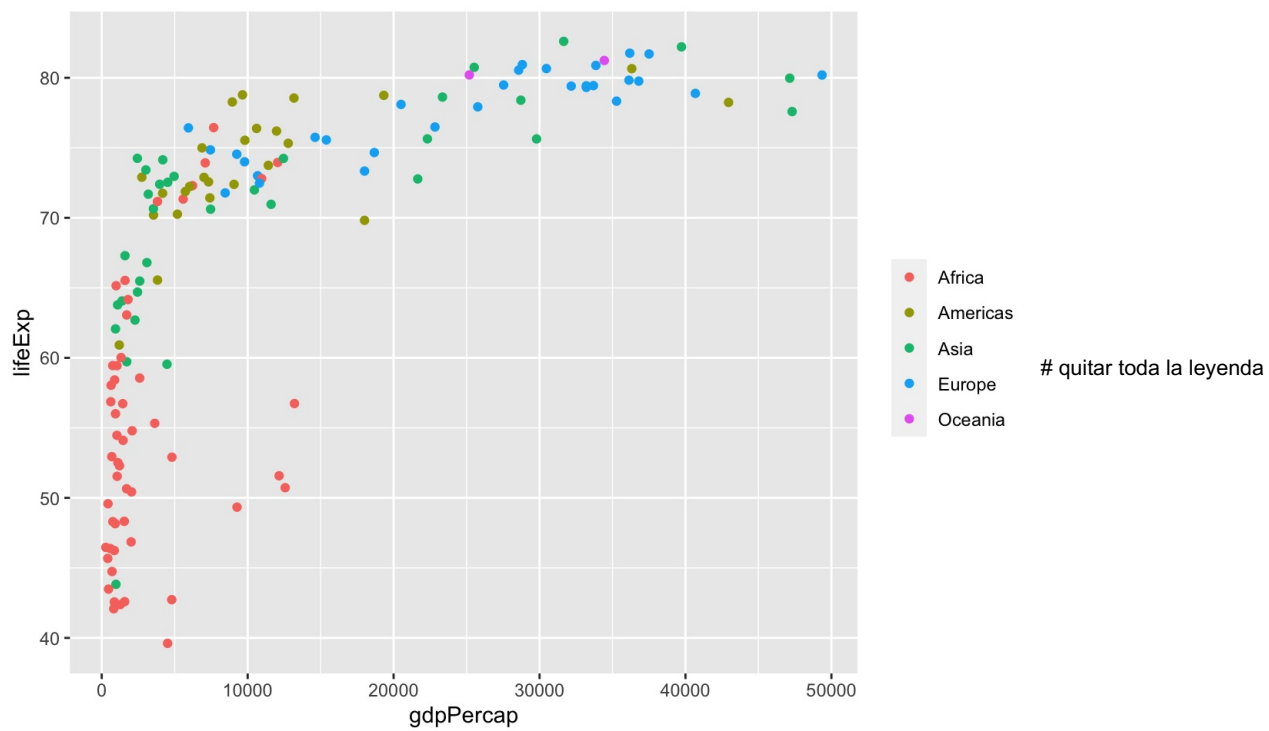
mostrar la grafica

p

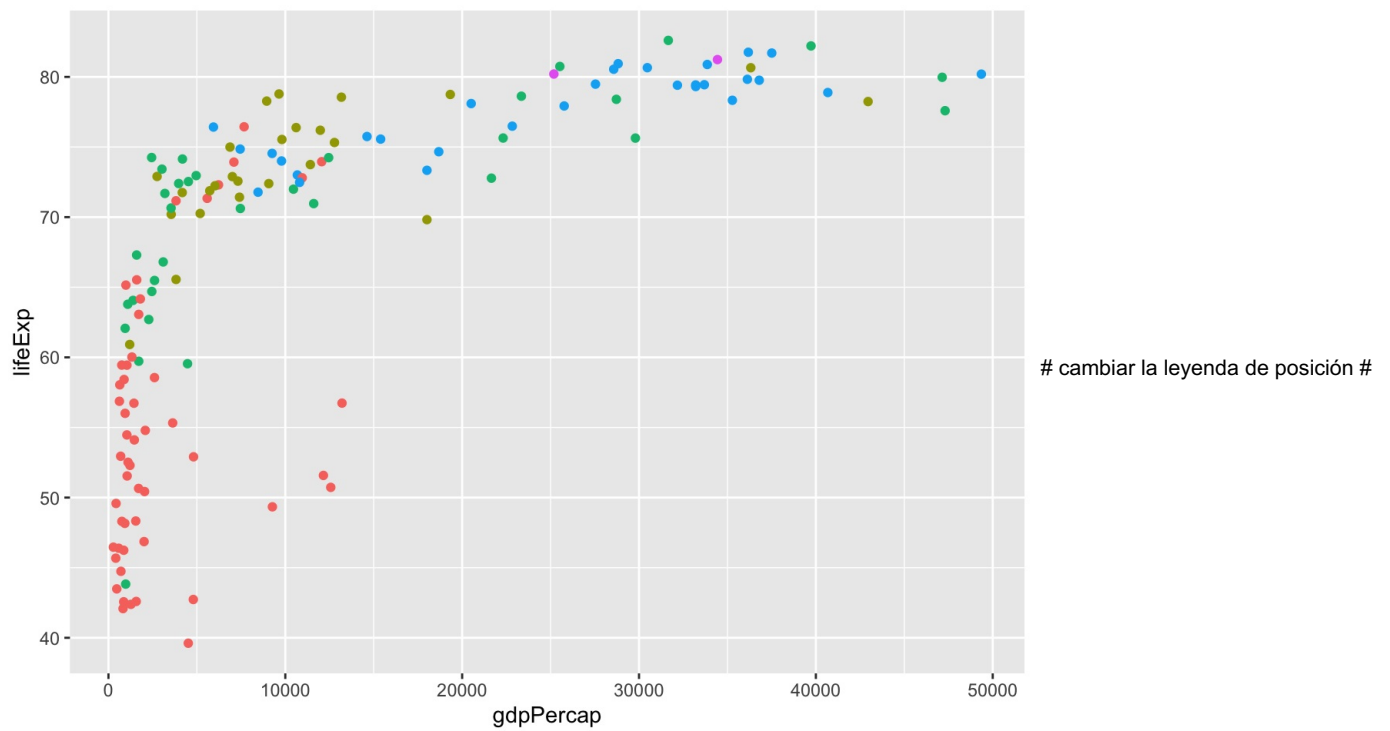


quitar titulo de la leyenda

```
p + theme(legend.title = element_blank())
```

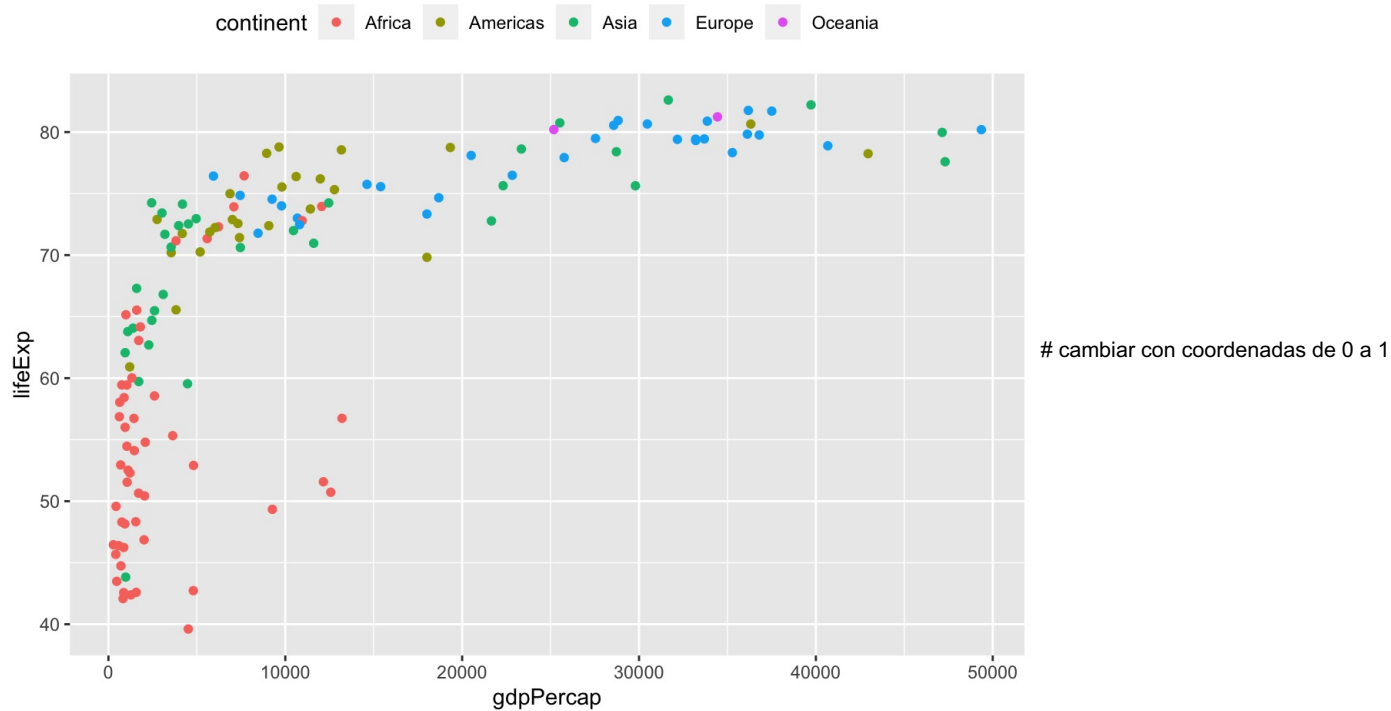


```
p + theme(legend.position = "none")
```

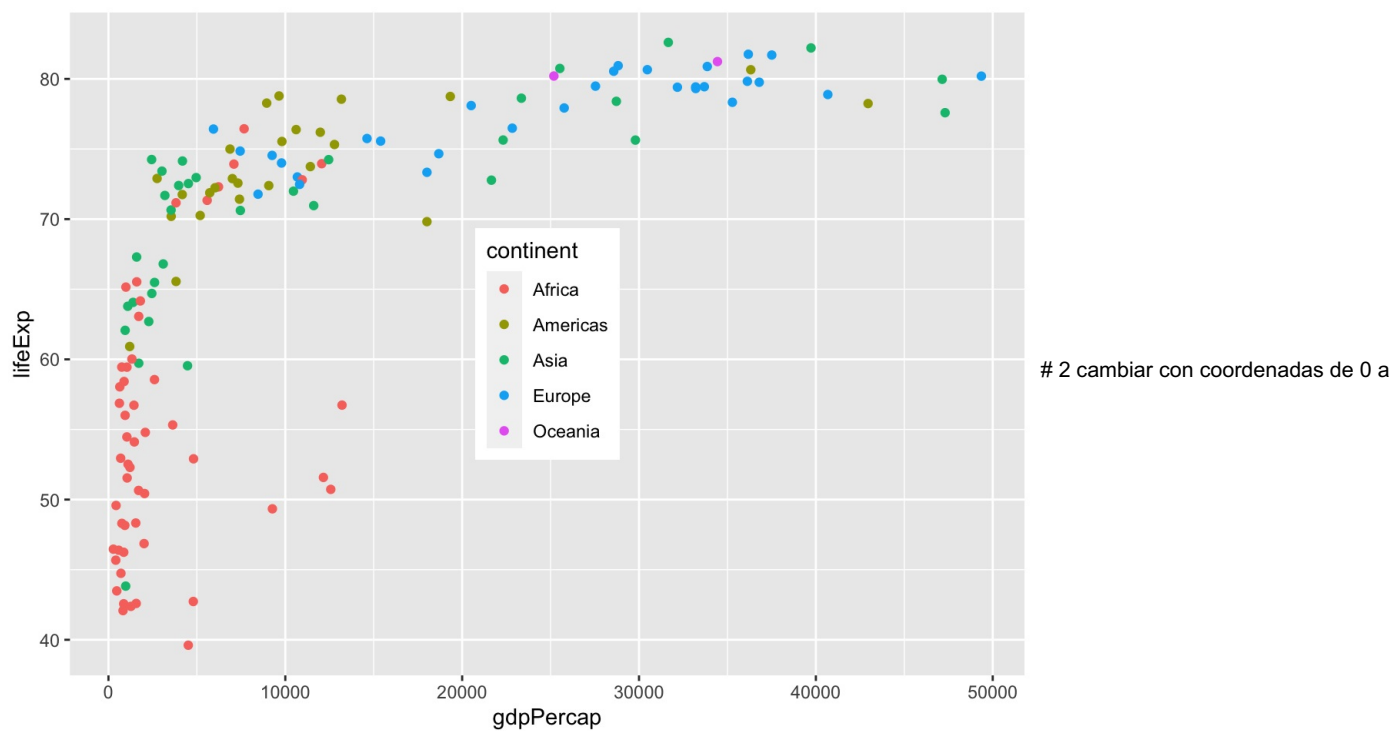


opciones: # righth, left, bottom, top

```
p + theme(legend.position = "top")
```

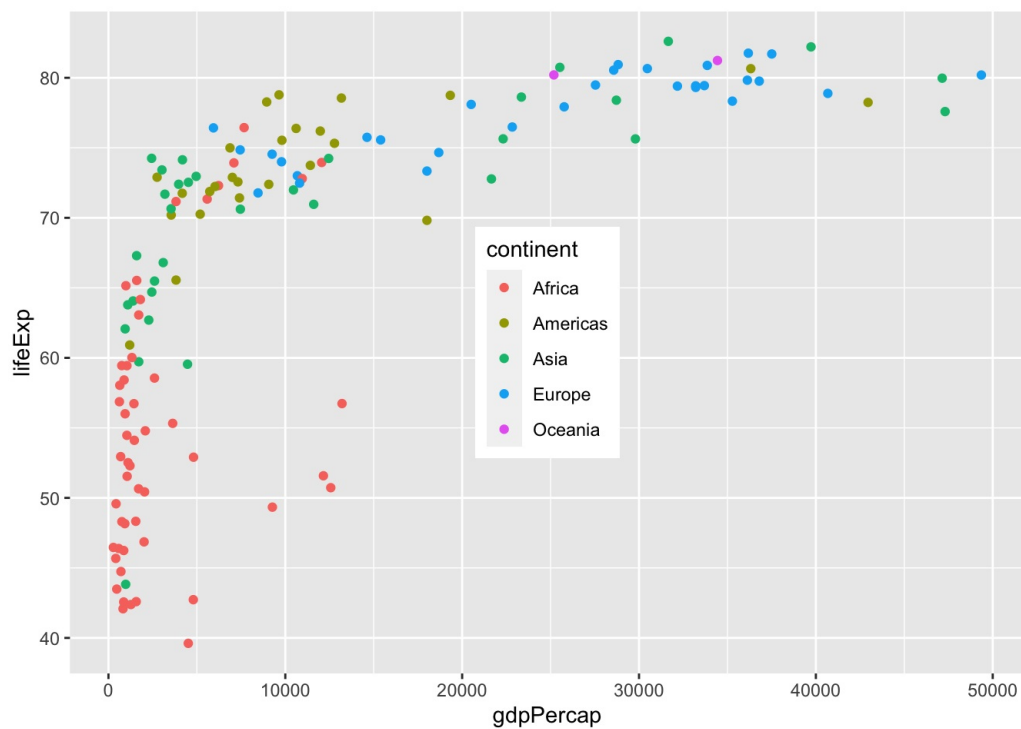


```
p + theme(legend.position = c(0.5,0.5))
```



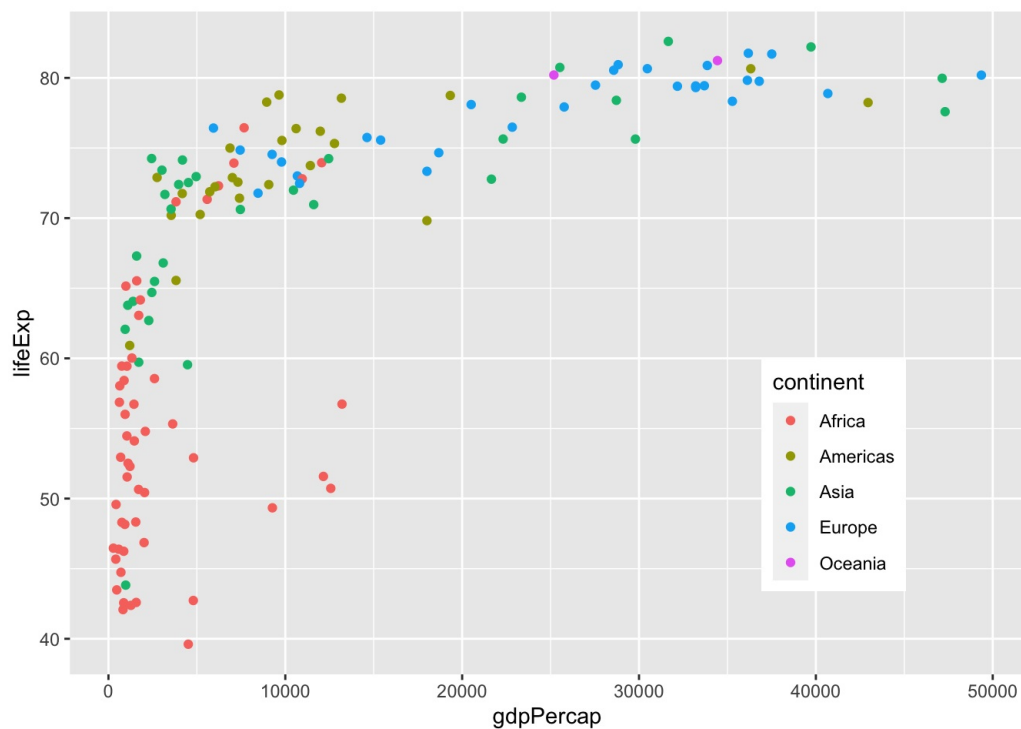
1

```
p + theme(legend.position = c(0.5,0.5))
```



3 cambiar con coordenadas de 0 a 1

```
p + theme(legend.position = c(0.8,0.3))
```



4 cambiar con coordenadas de 0 a 1

```
p + theme(legend.position = c(0.9,0.2))
```

