

Arbeidskrav2_koder

2022-09-20

```
df <- read.csv(file="/Users/erlendoverli/Documents/UIT SAM.DATA/ALLE_PROJECTS_R/sok_2008/Arbeidskrav2/u

df$country <- gsub("United Kingdom", "UK", df$country)

names(df)[names(df) == "country"] <- "region"

df$excess <- df$coverage - df$density

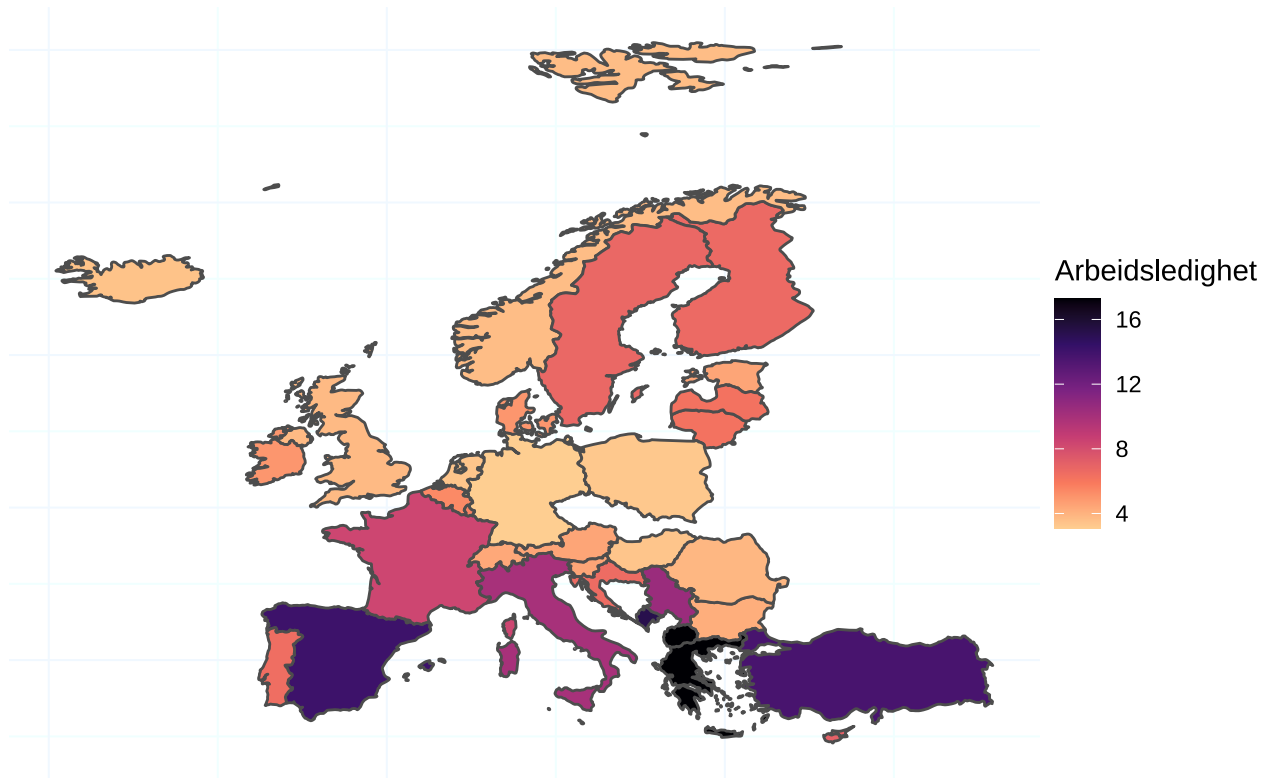
mapdf<-map_data("world")

map_df<-left_join(mapdf, df, by = "region")

map_df_ny<-map_df %>%
  select(region,level,coord,unempl,density,coverage,excess,long,lat,group) %>%
  filter(!is.na(map_df$unempl))

ggplot(map_df_ny, aes(long,lat, group=group))+
  geom_polygon(aes(fill=unempl),color="gray30")+
  scale_fill_viridis_c(begin = 0.9, end = 0, direction=1,
                        option = "magma", space="Lab",
                        guide = "colourbar", aesthetics = "fill")+
  labs(title = "Arbeidsledigheten i Europa\n2019",
        x="",
        y="",
        fill="Arbeidsledighet")+
  theme_void()+
  theme(plot.title = element_text(colour = "gray20", hjust = 0.5,
                                   size = 15, family = "Georgia"),
        panel.background = element_rect(fill = "white", colour = "white"),
        panel.grid.major = element_line(colour = "aliceblue"),
        panel.grid.minor = element_line(colour = "azure"))
```

Arbeidsledigheten i Europa 2019



```
### density ###
density<-ggplot(map_df_ny, aes(long,lat, group=group))+
  geom_polygon(aes(fill=density),color="gray30")+
  scale_fill_viridis_c(begin = 0.9, end = 0, direction=1,
    option = "magma", space="Lab",
    guide = "colourbar", aesthetics = "fill")+

  labs(title = "",
    x="",
    y="",
    fill="Org.grad i %")+
  theme_void()+
  theme(plot.title = element_text(colour = "midnightblue", hjust = 0.5,
    size = 15, family = "Georgia"),
    panel.background = element_rect(fill = "white", colour = "white"),
    panel.grid.major = element_line(colour = "aliceblue"),
    panel.grid.minor = element_line(colour = "azure"))
```

```
### excess_coverage ###
excess<-ggplot(map_df_ny, aes(long,lat, group=group))+
  geom_polygon(aes(fill=excess),color="gray30")+
  scale_fill_viridis_c(begin = 0.9, end = 0, direction=1,
    option = "magma", space="Lab",
    guide = "colourbar", aesthetics = "fill")+

  labs(title = "",
    x="",
```

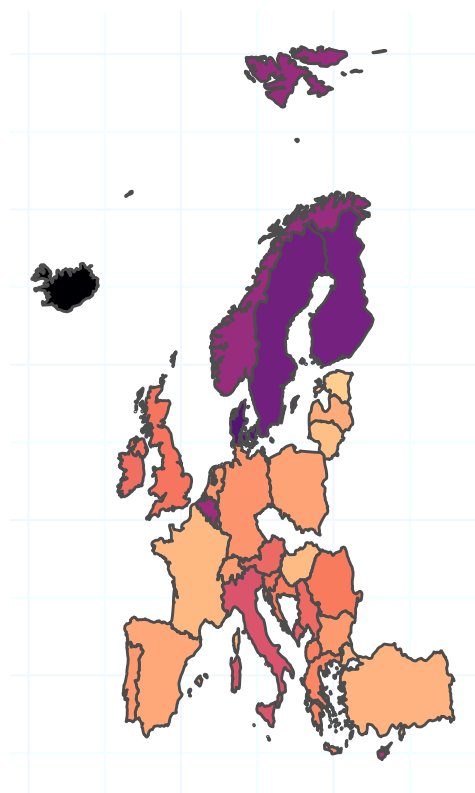
```

      y="",
      fill="Excess")+
theme_void()+
theme(plot.title = element_text(colour = "midnightblue", hjust = 0.5,
                                size = 15, family = "Georgia"),
      panel.background = element_rect(fill = "white", colour = "white"),
      panel.grid.major = element_line(colour = "aliceblue"),
      panel.grid.minor = element_line(colour = "azure"))

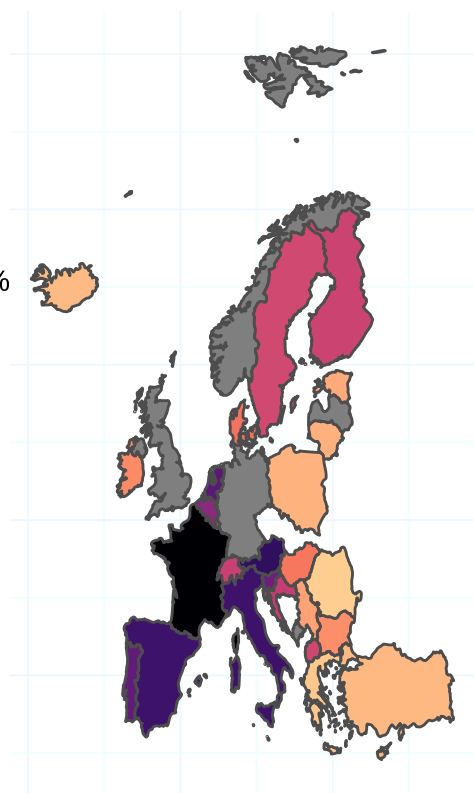
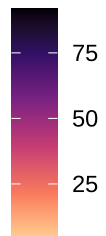
### coord ###
coord<-map_df_ny %>%
  ggplot(aes(long,lat, group=group))+
  geom_polygon(aes(fill=coord),color="gray20")+
  paletteer::scale_fill_paletteer_d("colorBlindness::Blue2DarkRed12Steps", direction=1)+
  labs(title = "",
       x="",
       y="",
       fill="Koordinering")+
  theme_void()+
  theme(plot.title = element_text(colour = "midnightblue", hjust = 0.5,
                                  size = 15, family = "Georgia"),
        panel.background = element_rect(fill = "white", colour = "white"),
        panel.grid.major = element_line(colour = "aliceblue"),
        panel.grid.minor = element_line(colour = "azure"))

density+excess

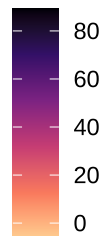
```



Org.grad i %



Excess



coord

