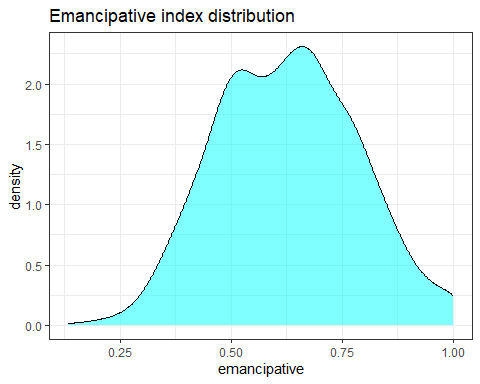
03\_figures.R

hategeki

2023-09-05

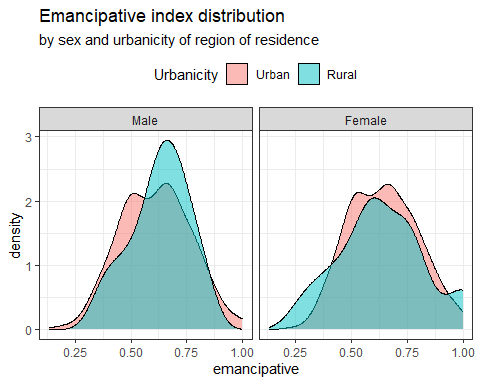
# Libraries ----  
pacman::p\_load(tidyverse, rio, gtsummary)  
  
# Options ----  
theme\_set(theme\_bw())  
theme\_update(legend.position = "top")  
  
# Data ----  
andorra\_clean <- import("MyData/andorra\_clean.rds")  
  
# Visualization ----  
# 1. Emancipative distribution  
 # Simple dansity plot for the emancipative part  
(emancipative\_distribution <-   
 andorra\_clean %>%   
 ggplot(aes(emancipative)) +  
 geom\_density(fill = "cyan", alpha = 0.5) +  
 labs(title = "Emancipative index distribution"))



# Save png  
emancipative\_distribution %>%   
 ggsave(plot = .,  
 filename = "Results/Figures/emancipative\_distribution.png")

## Saving 5 x 4 in image

# Save ggplot  
emancipative\_distribution %>%   
 export(file = "MyData/3\_figures/emancipative\_distribution.rds")  
  
# 2. Emancipaitve/sex/urbrural  
 # Emancipative destribtuion by sex and urbanicity  
 # region of residence  
(emancipative\_sex\_urban <-   
 andorra\_clean %>%   
 ggplot(aes(emancipative, fill = h\_urbrural)) +  
 geom\_density(alpha = 0.5) +  
 facet\_wrap(~sex) +  
 labs(title = "Emancipative index distribution",  
 subtitle = "by sex and urbanicity of region of residence",  
 fill = "Urbanicity"))



# Save png  
emancipative\_sex\_urban %>%   
 ggsave(plot = .,  
 scale = 1.5,  
 filename = "Results/Figures/emancipative\_sex\_urban.png")

## Saving 7.5 x 6 in image

# Save ggplot  
emancipative\_sex\_urban %>%   
 export(file = "MyData/3\_figures/emancipative\_sex\_urban.rds")