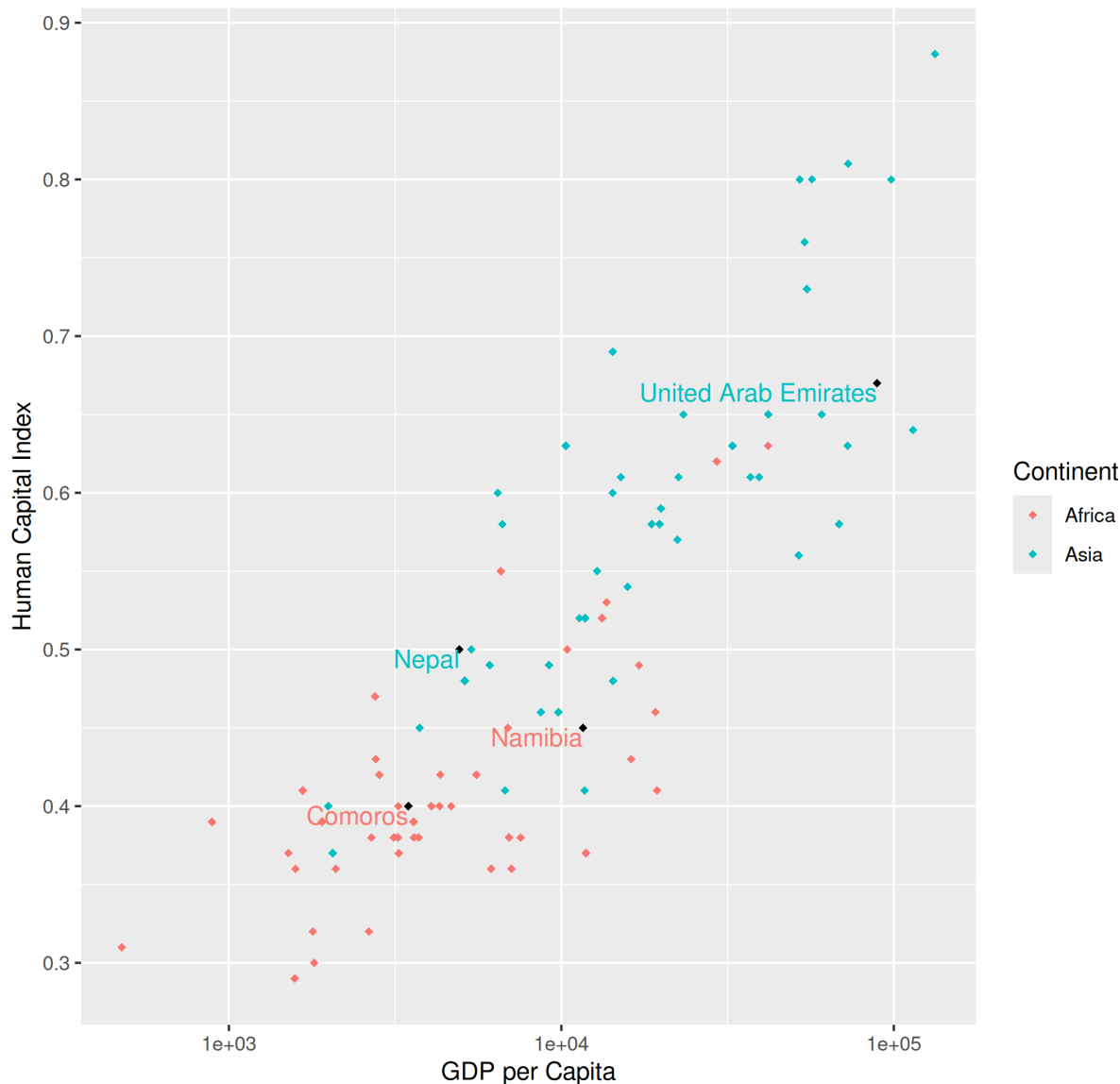


HCI in function of the GDP per Capita for Asia and Africa



```
library(ggplot2)

# Read the data from the CSV file and define the continents and countries of interest
data <- read.csv("Ex1/Paises_PIB_ICH.csv")
continents <- c("Asia", "Africa")
data_filtered <- data[data$Continent %in% continents, ]
specific_countries <- c("United Arab Emirates", "Nepal", "Comoros", "Namibia")
data_filtered$label <- ifelse(data_filtered$Country %in% specific_countries,
as.character(data_filtered$Country), NA)

# Create the scatter plot
plot <- ggplot(data_filtered, aes(x = GDP, y = HCI, color = Continent)) +
  scale_x_log10() +
  geom_point(shape = 18) +
  geom_point(data = data_filtered[data_filtered$Country %in% specific_countries, ], shape = 18,
color = "black") +
  geom_text(aes(label = label), vjust = 1, hjust = 1, na.rm = TRUE, show.legend = FALSE) +
  labs(
    x = "GDP per Capita",
    y = "Human Capital Index",
    title = "HCI in function of the GDP per Capita for Asia and Africa",
    color = "Continent"
  ) +
  theme_grey()

ggsave("plot.png", plot)
```