STAT 3355.501 Group 13 Plots - Jacob Oates, Sriniketh Potlapalli, Mehedi Toufiqe
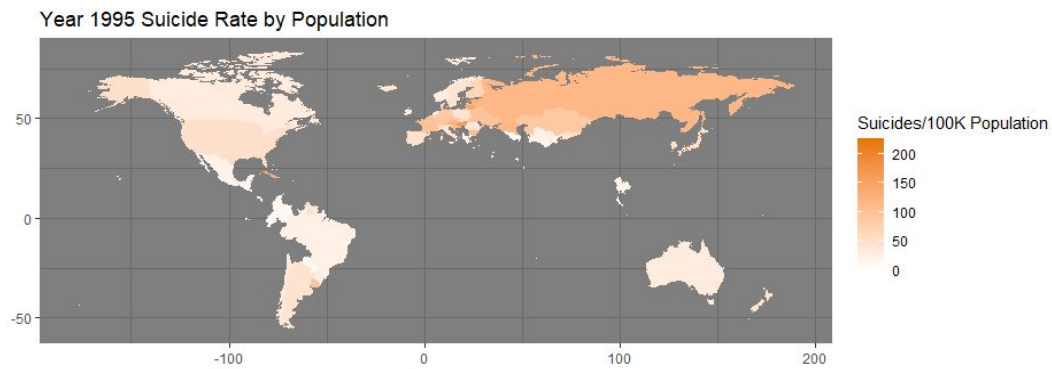
Question 3.1

Figure 3.1.a: Year 1995 Suicide Rate (Suicides/100K Population)
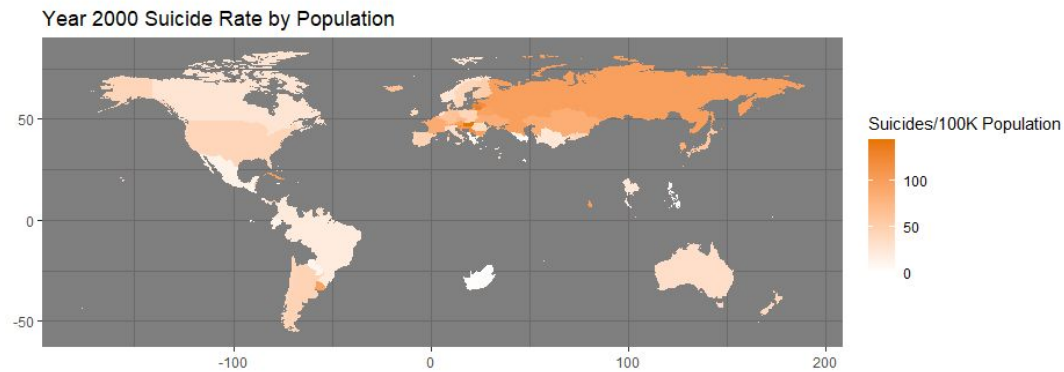

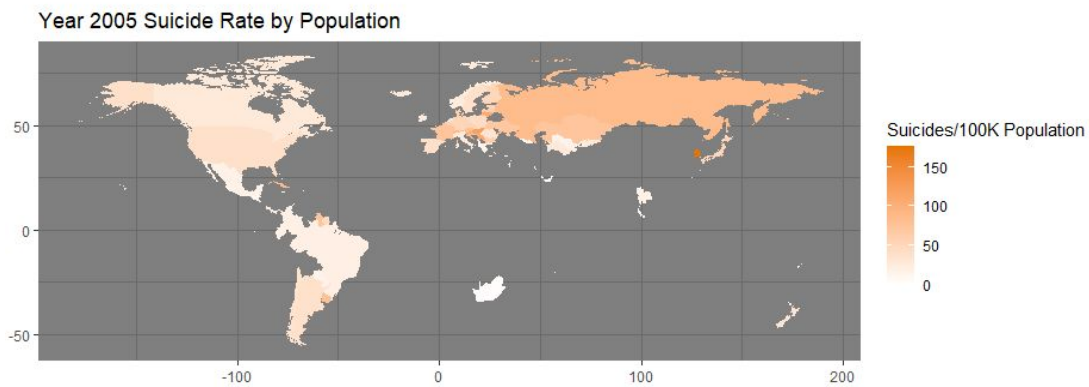*Figure 3.1.b:Year 2000 Suicide Rate (Suicides/100K Population)*

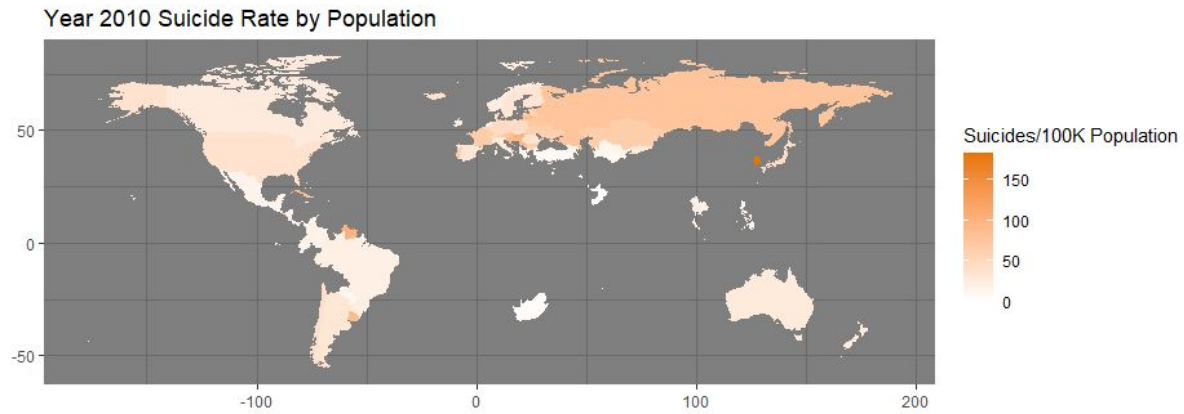*Figure 3.1.c: Year 2005 Suicide Rate (Suicides/100K Population)*

Year 2010 Suicide Rate by Population

Figure 3.1.d: Year 2010 Suicide Rate (Suicides/100K Population)
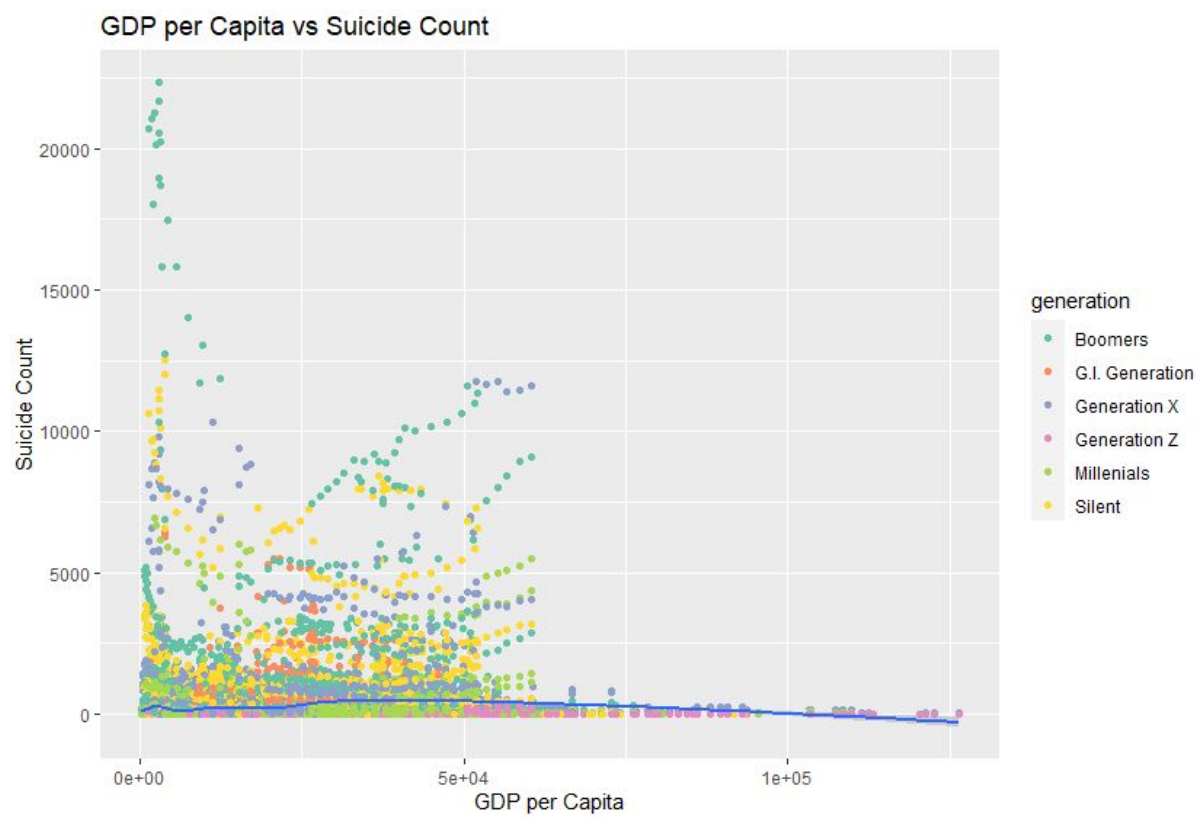
Question 3.2

GDP per Capita vs Suicide Count

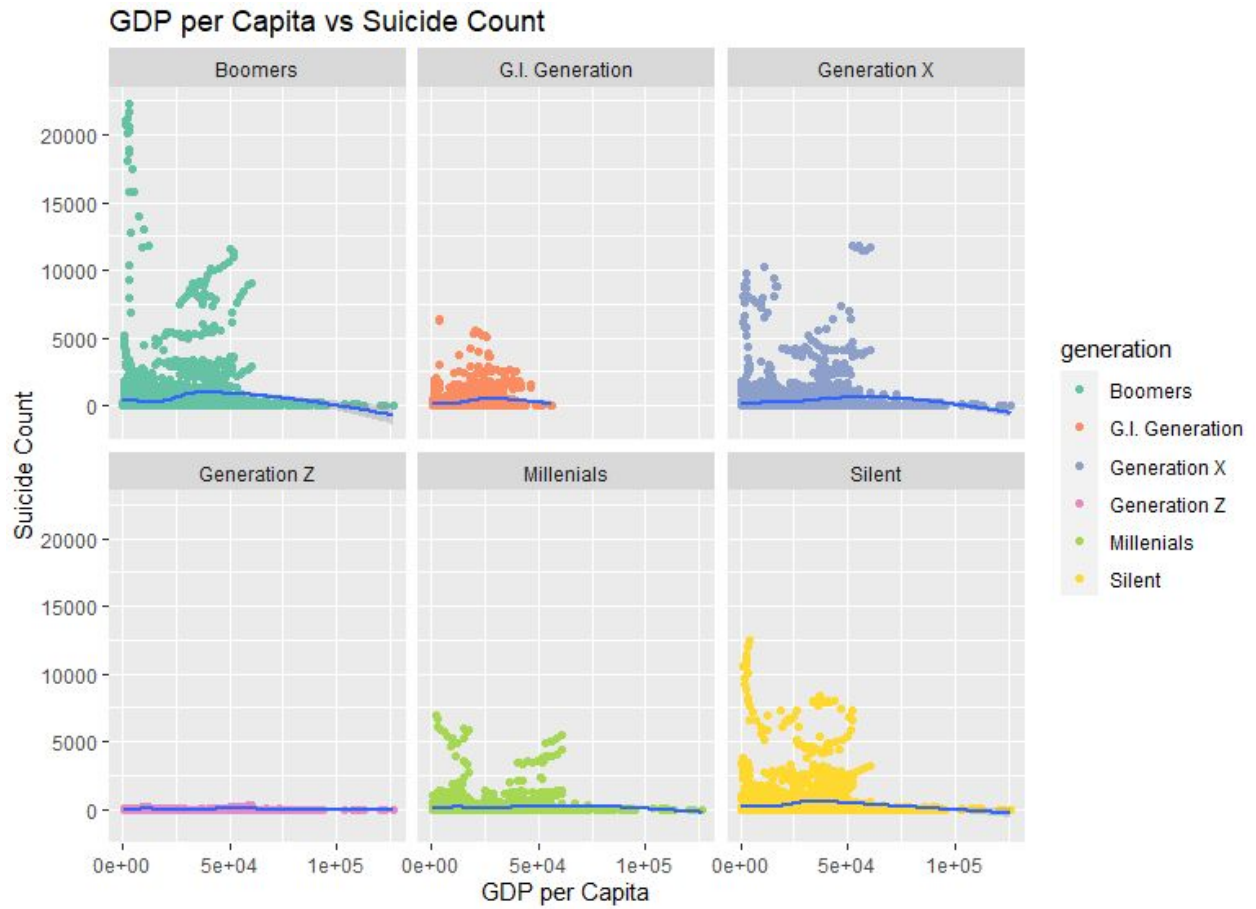*Figure 3.2.a: Plot of GDP per Capita vs Suicide Count*

Figure 3.2.b: Plot of GDP per Capita vs Suicide Count, Faceted by Generation
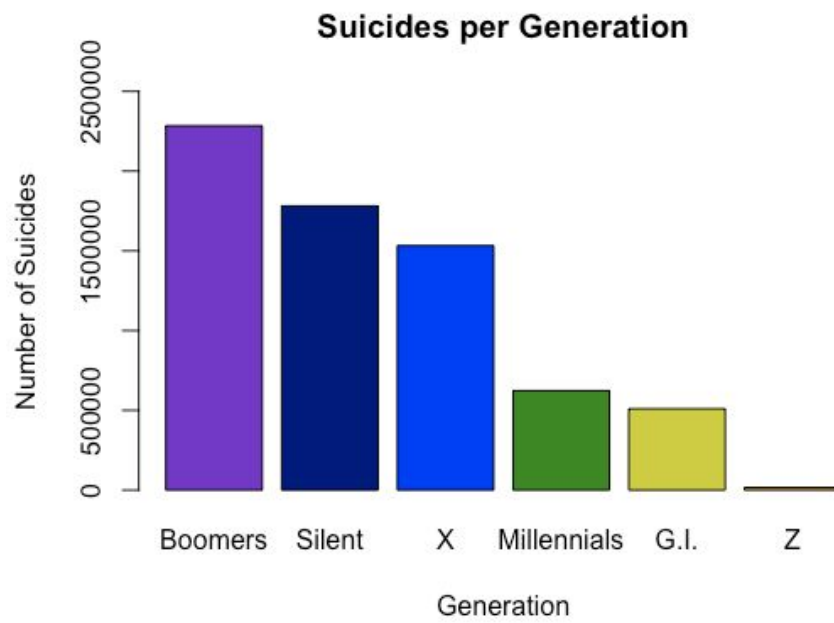
Question 3.3

Figure 3.3: Boxplot of Suicides per Generation
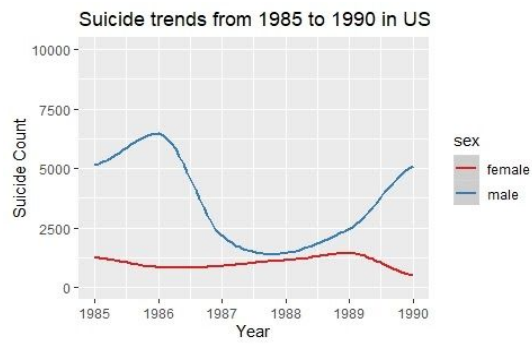
Question 3.4
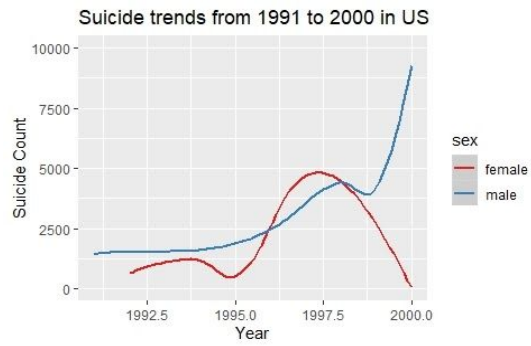

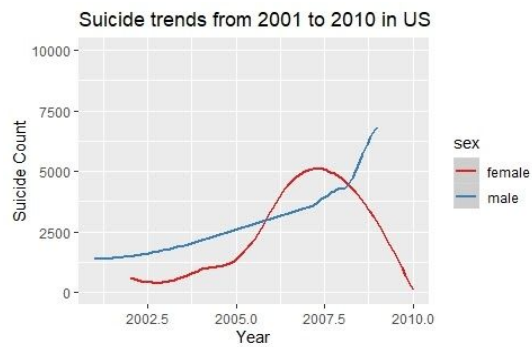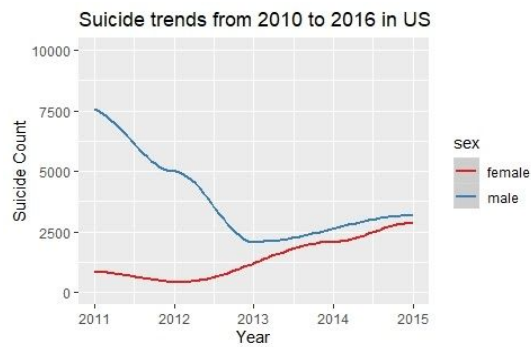Fig 3.4.a

Fig 3.4.b

Fig 3.4.c

Fig 3.4.d

Figure 3.4 : Plot of Suicides counts among gender in the United States
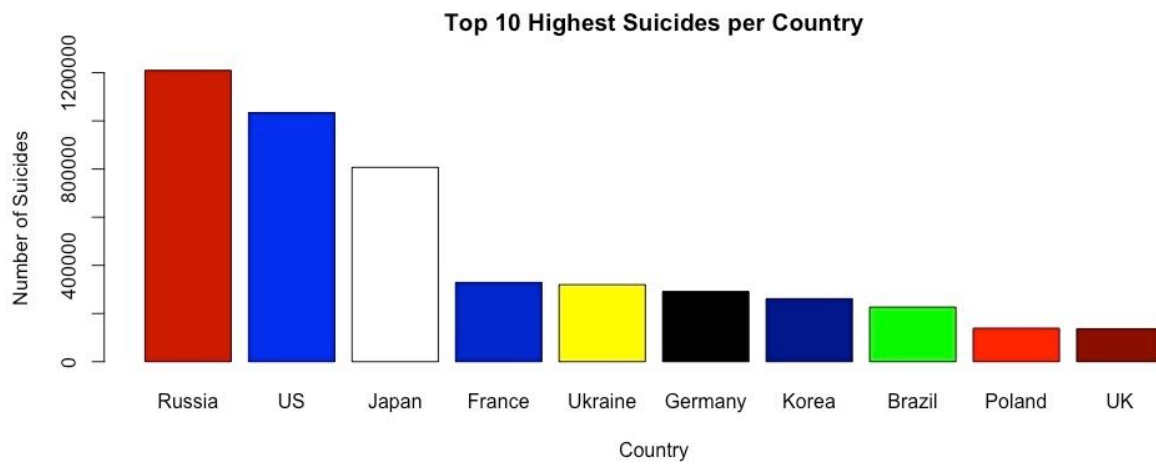
Question 3.5

Figure 3.5: Boxplot of Top 10 Highest Suicides per Country
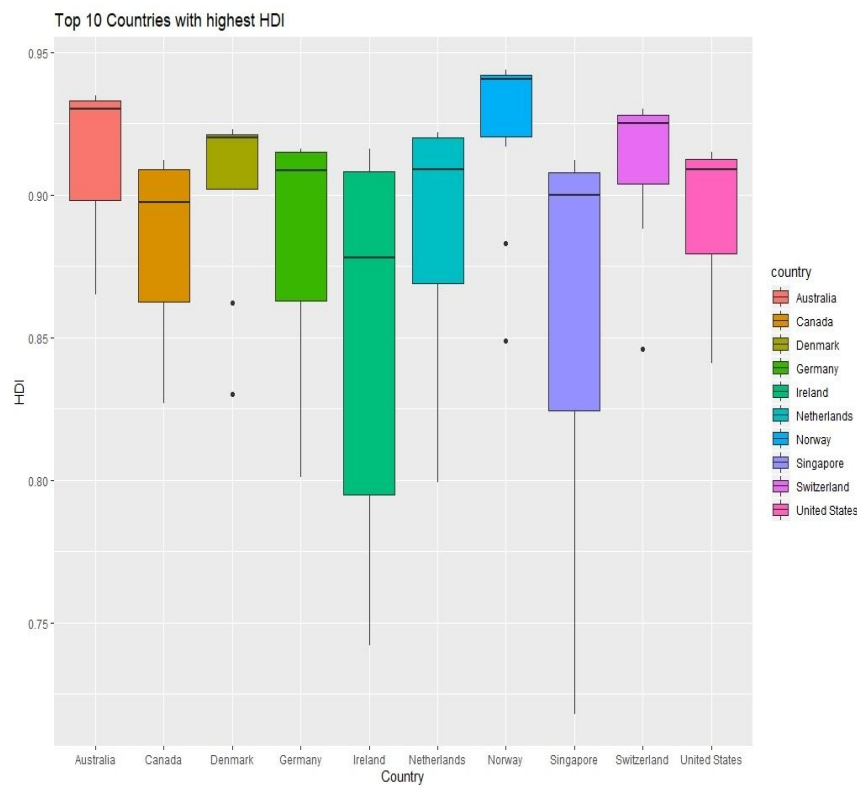
Question 3.6

Figure 3.6.a : Boxplot of Top 10 countries with the highest HDI
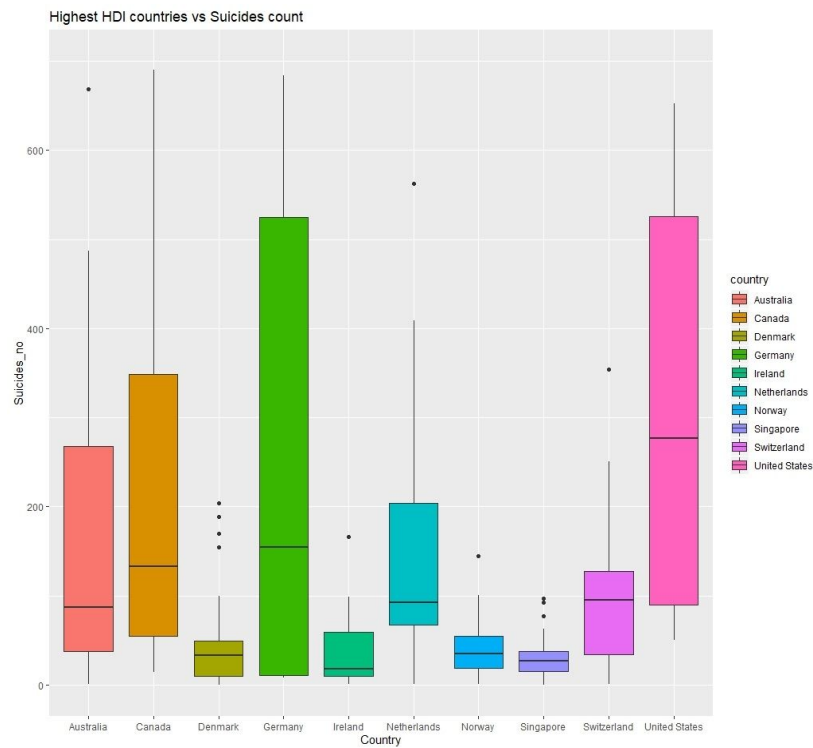
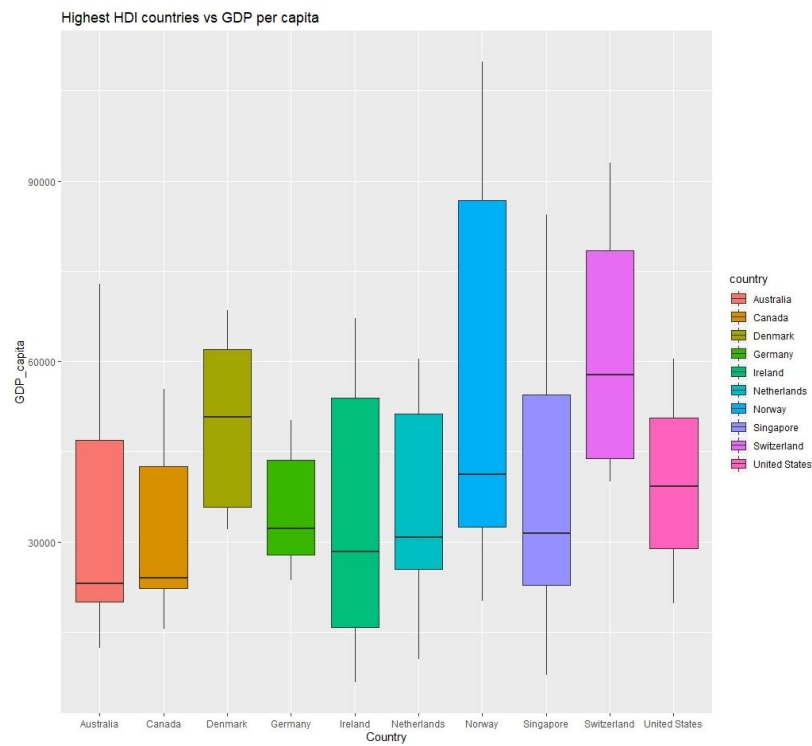*Figure 3.6.b : Boxplot of the highest HDI countries vs suicide counts*

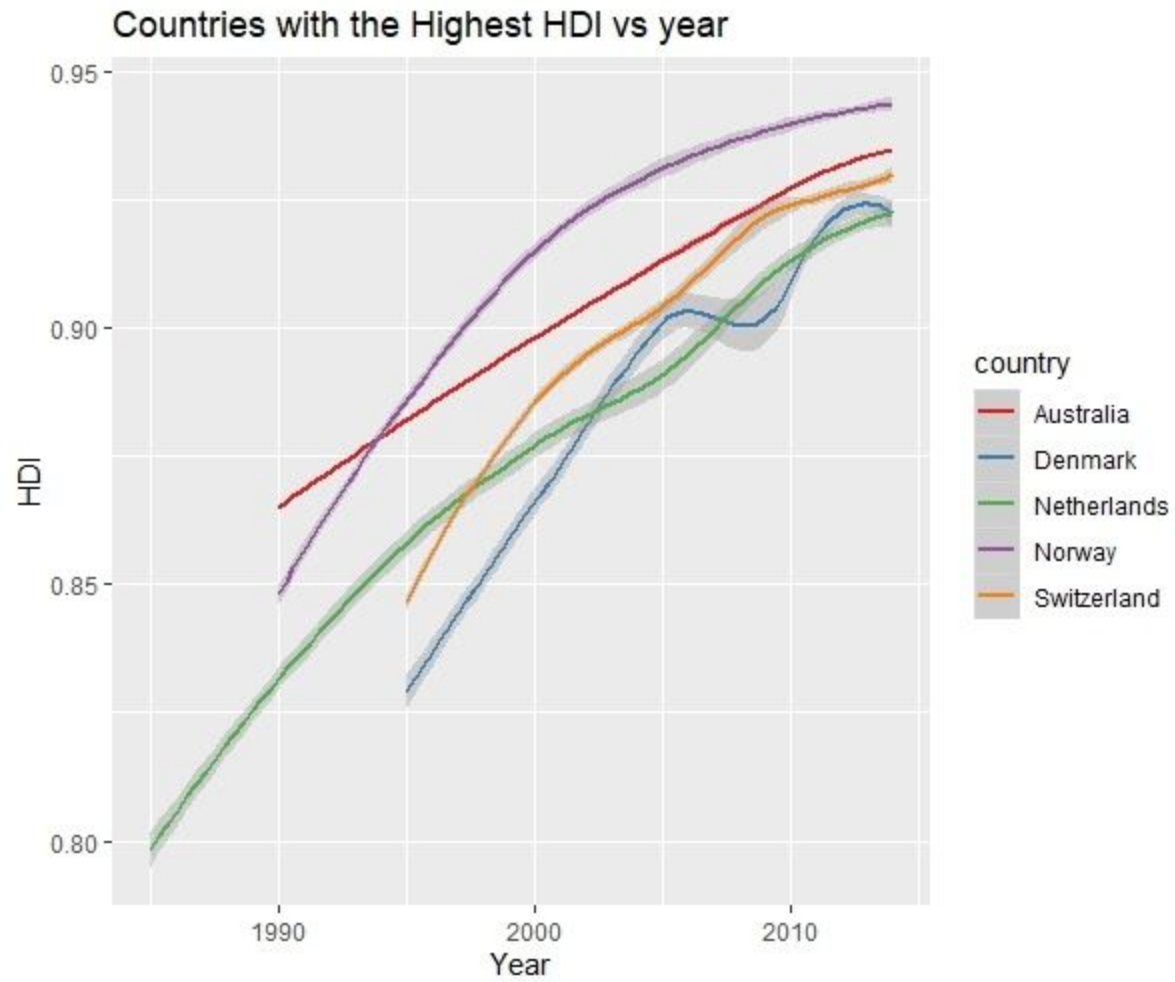*Figure 3.6.c : Boxplots of the highest HDI countries vs GDP per capita*

Question 4.1

Figure 4.1 : Countries with the Highest HDI vs Year
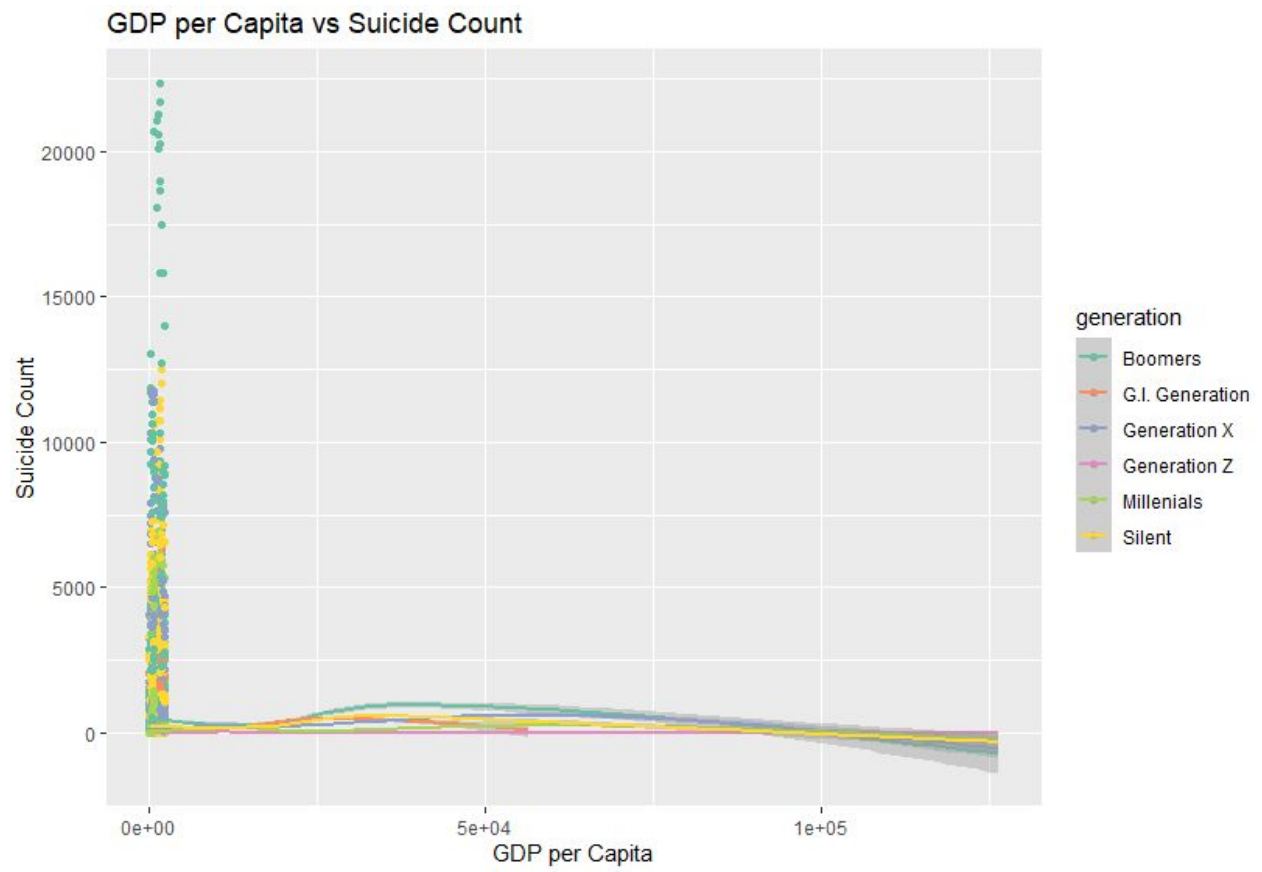
Question 4.2

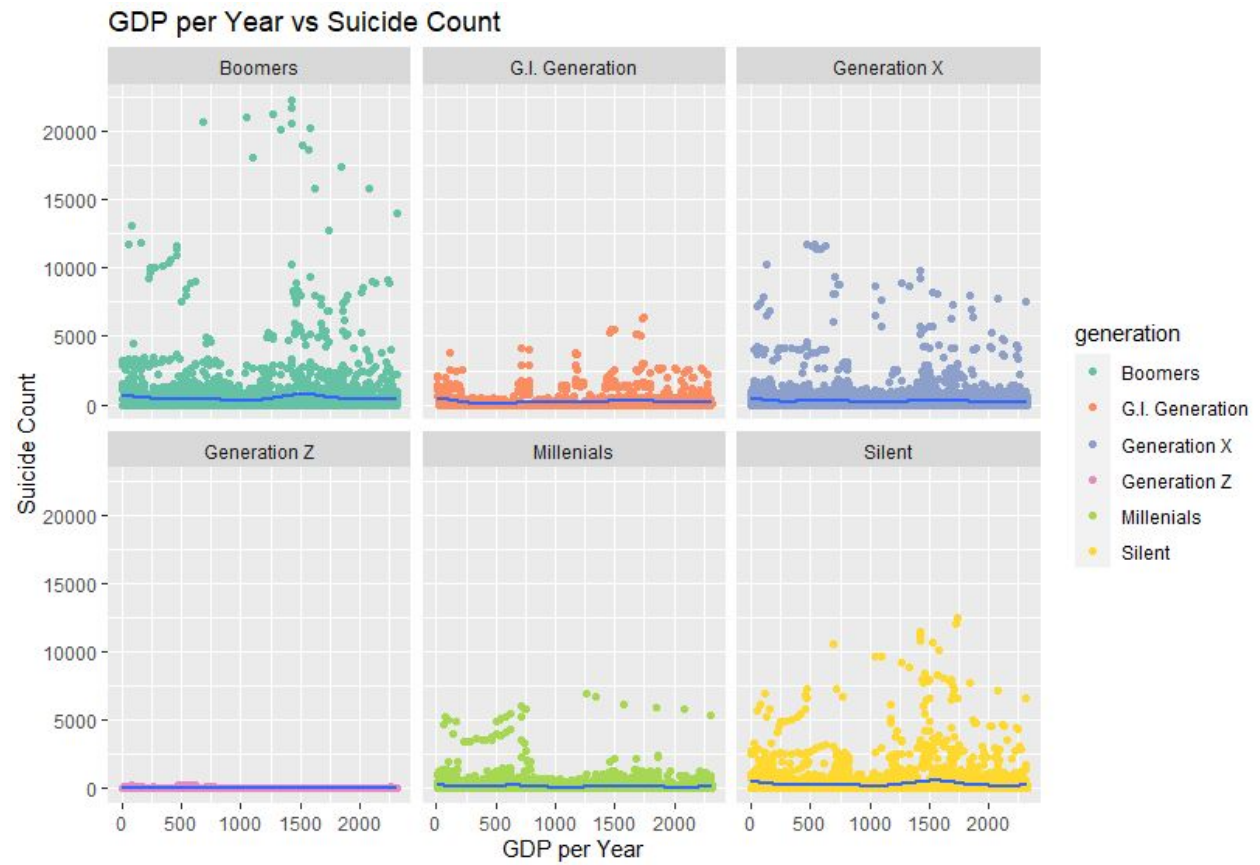*Figure 3.2.b: Plot of GDP per Year vs Suicide Count*

Figure 3.2.b: Plot of GDP per Year vs Suicide Count, Faceted by Generation