

# **Analysis of Police Related Fatalities from 2000 to 2020**

Stat 3355.001

Group 17

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### 3.1 What is the geographic distribution of Law enforcement brutalities in the US?

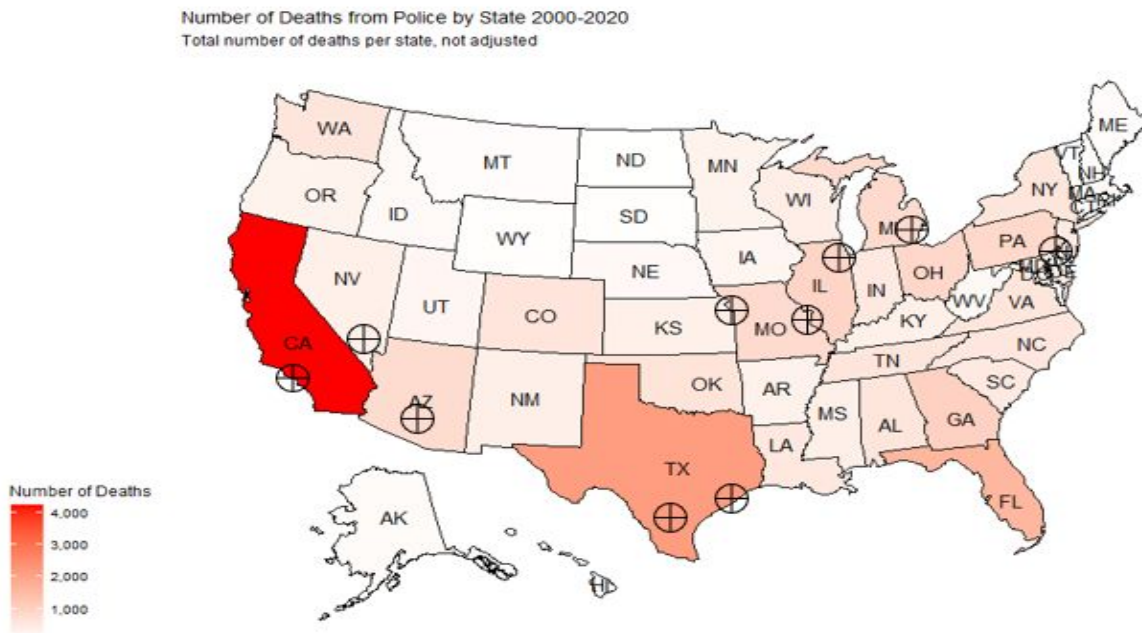


Figure 1.1: US Map of Law Enforcers Fatalities.

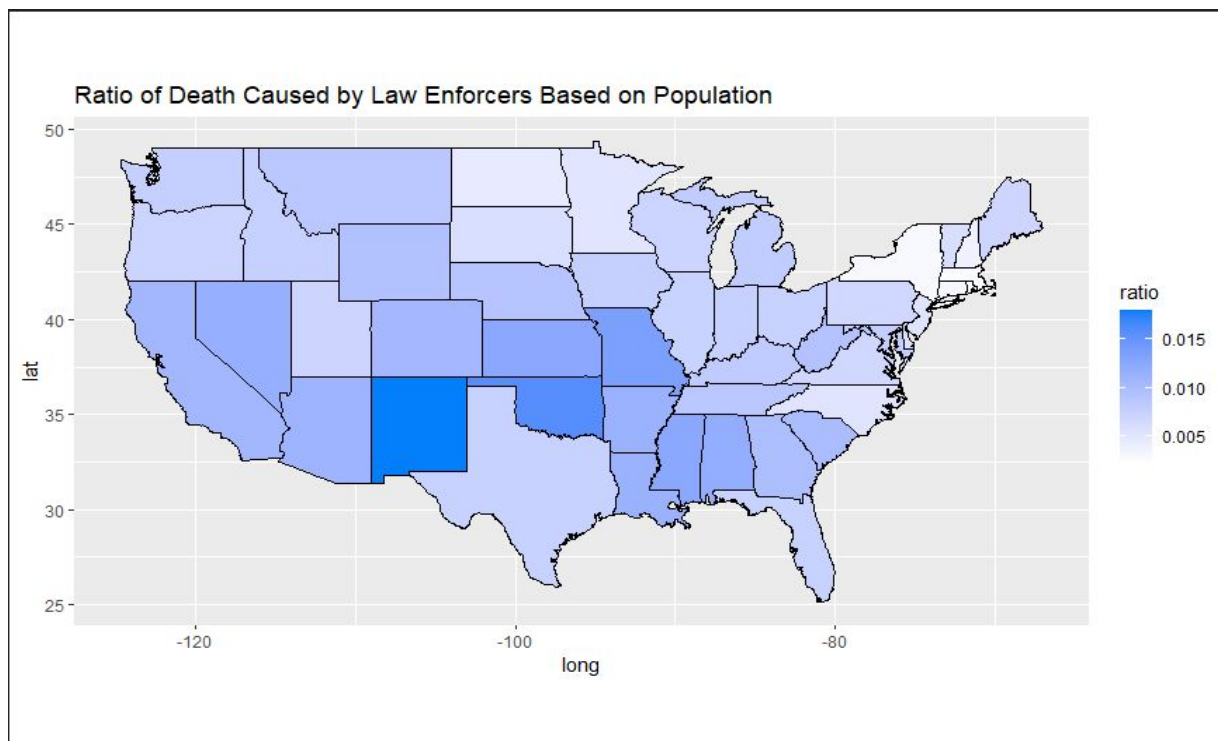


Figure 1.2: US Map Ratio of Law Enforcers Fatalities.

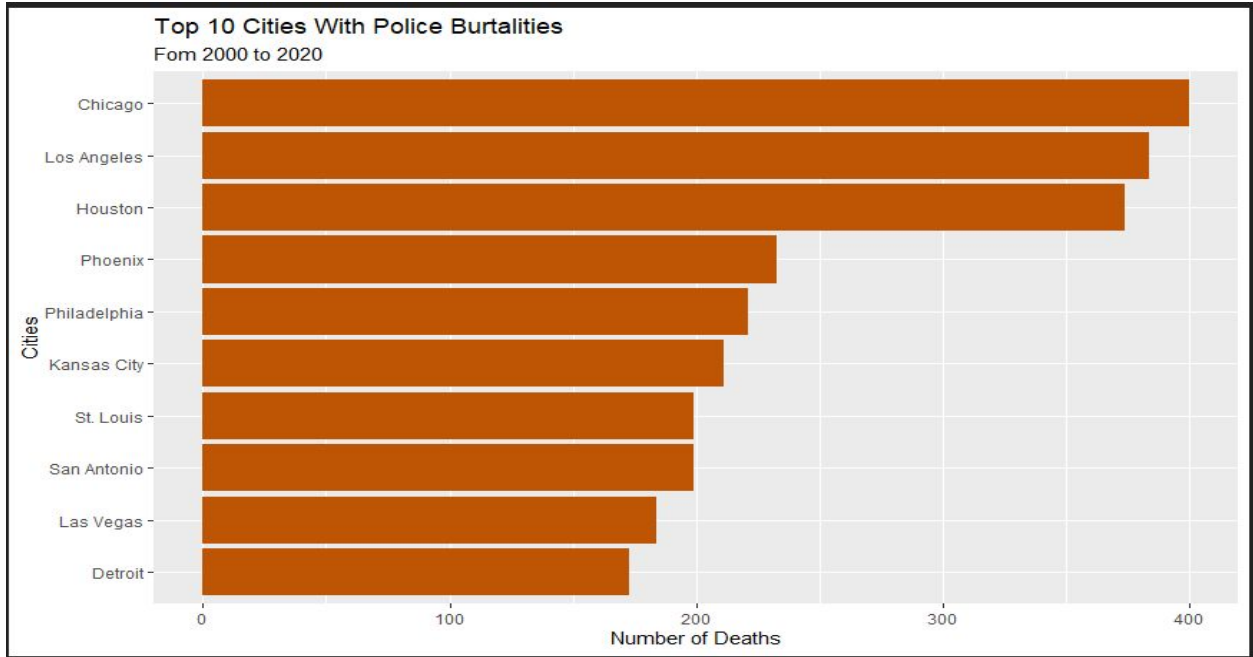


Figure 1.2b Highest deaths in cities bar plot

### 3.2 What is the age distribution of Law enforcement victims by race and gender ?

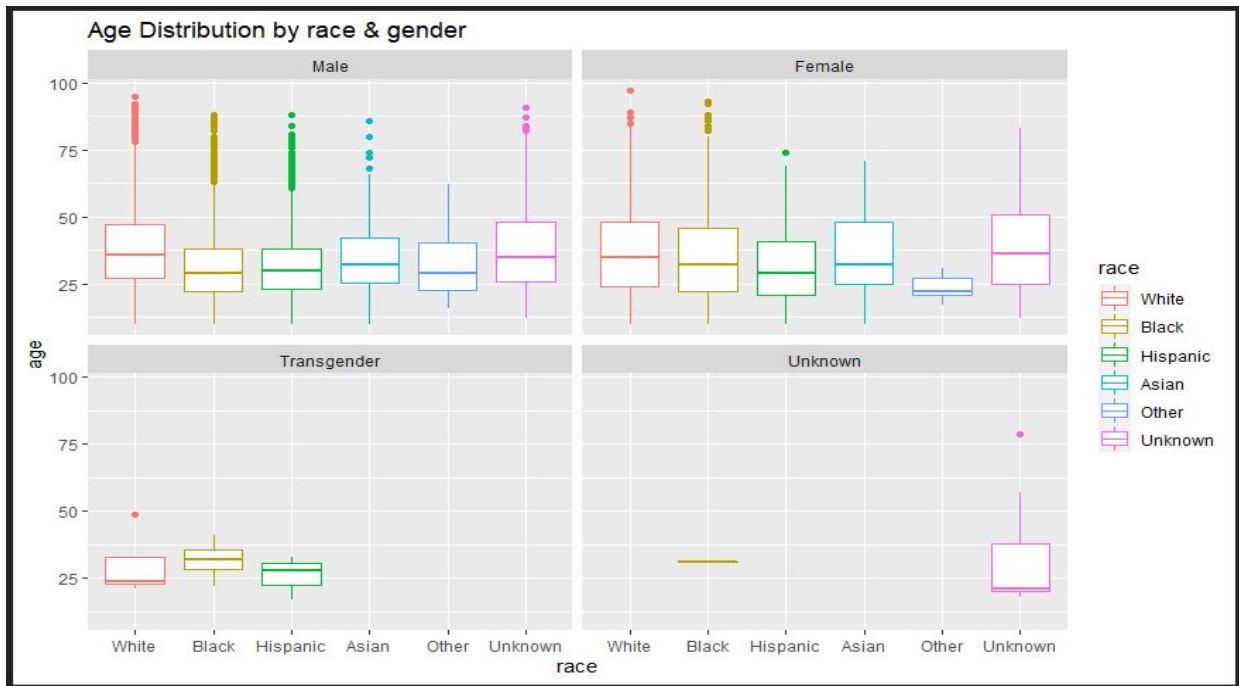


Figure 1.3 Boxplot of Racial Gender affected by police brutality

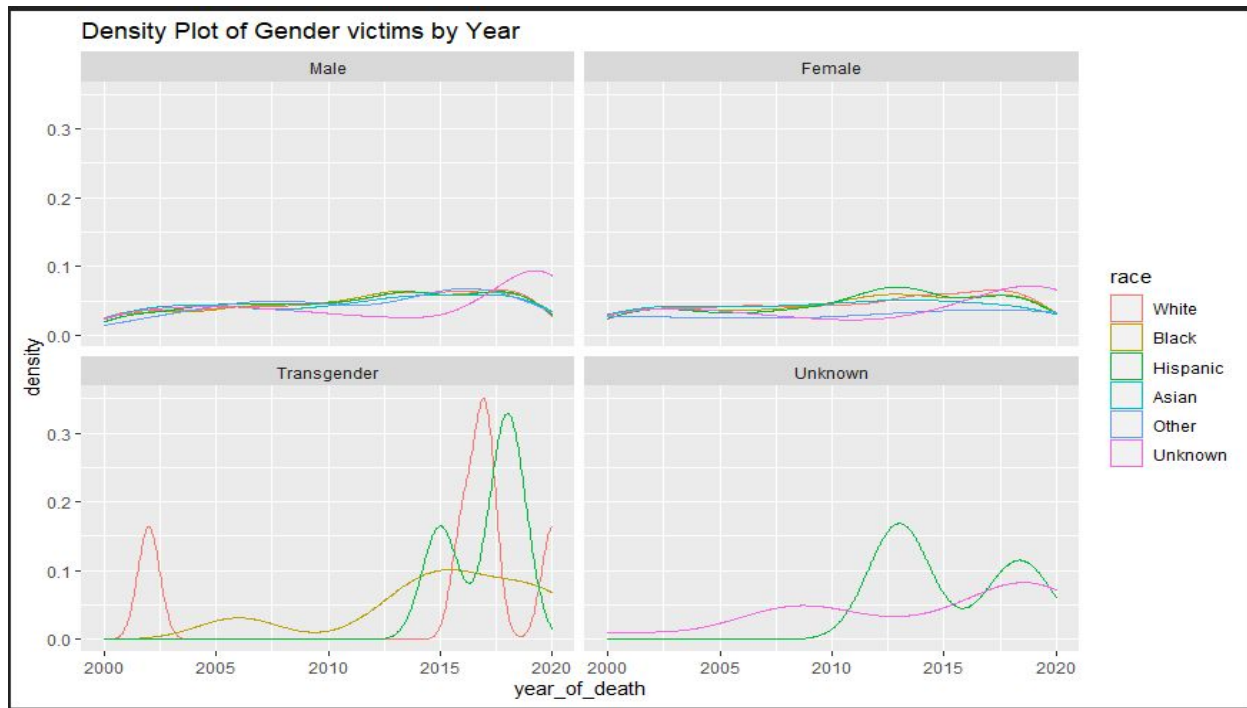


Figure 1.4 Racial Density Plot of Victims by year

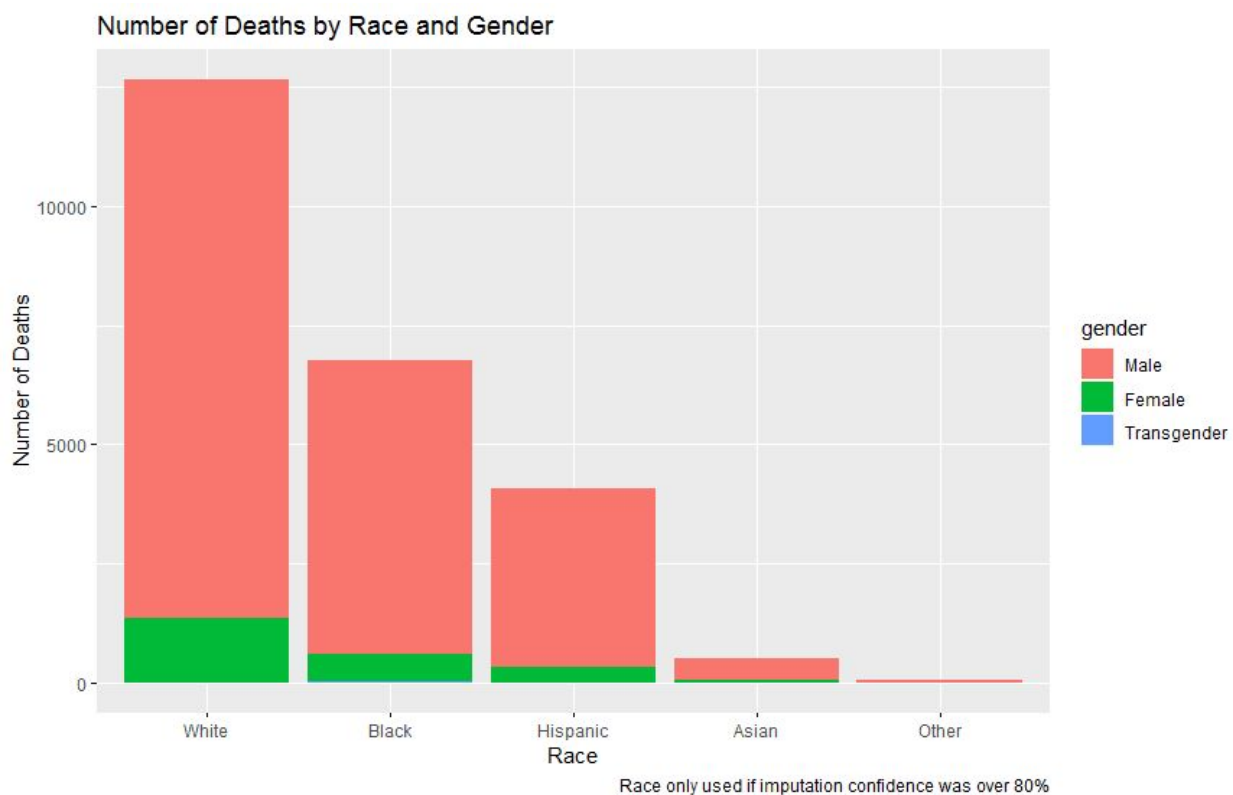


Figure 1.3b bar plot showing race vs. number of deaths, separated by gender.

### 3.3 What is the age distribution of all Law enforcement victims by cause of death ?

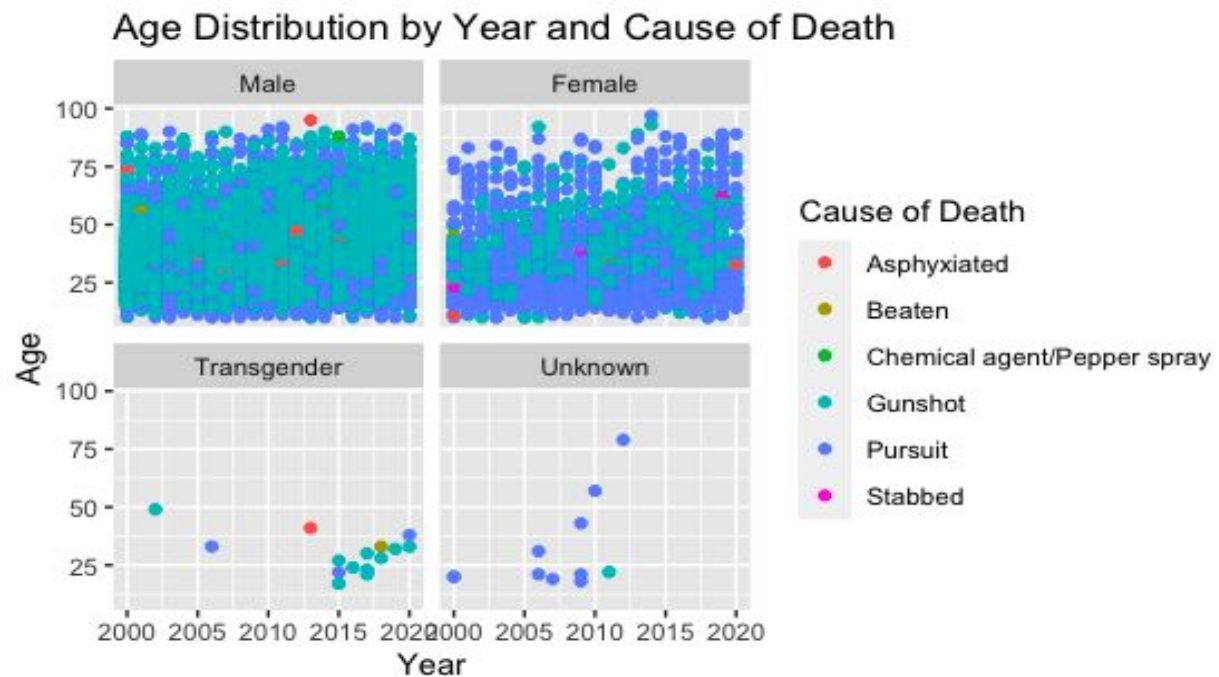


Figure 1.5 Dot plot of Cause of Deaths and Age of victims per Year

### 3.4 What effect does agency have on the other details of the victim from the incident?

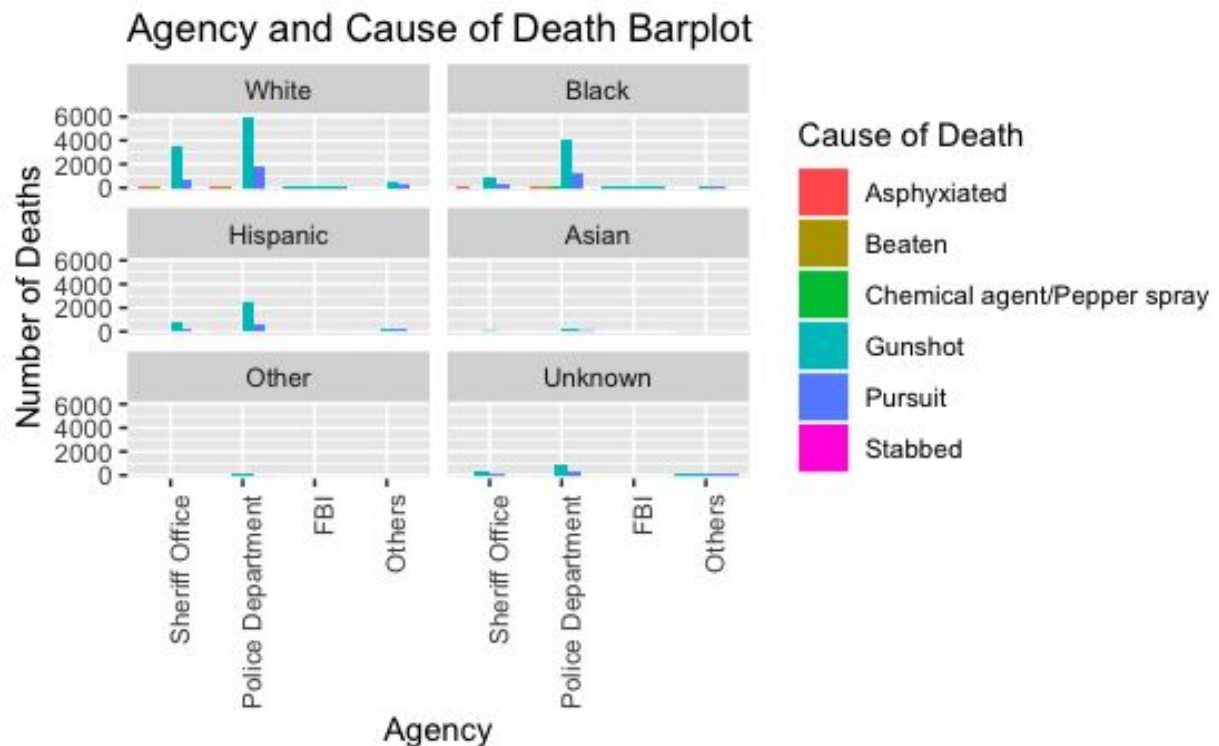


Figure 1.6 Bar plot of Relationship Between Agency and Cause of Death

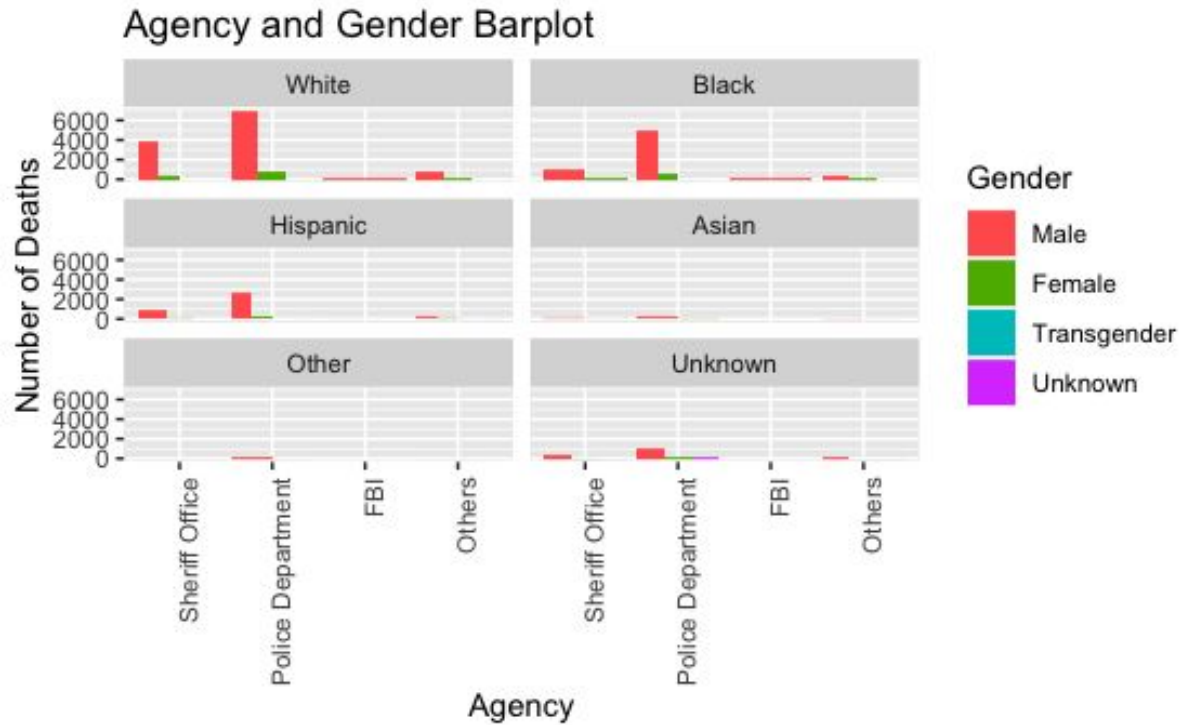


Figure 1.7 Bar plot of Relationship Between Agency and Gender

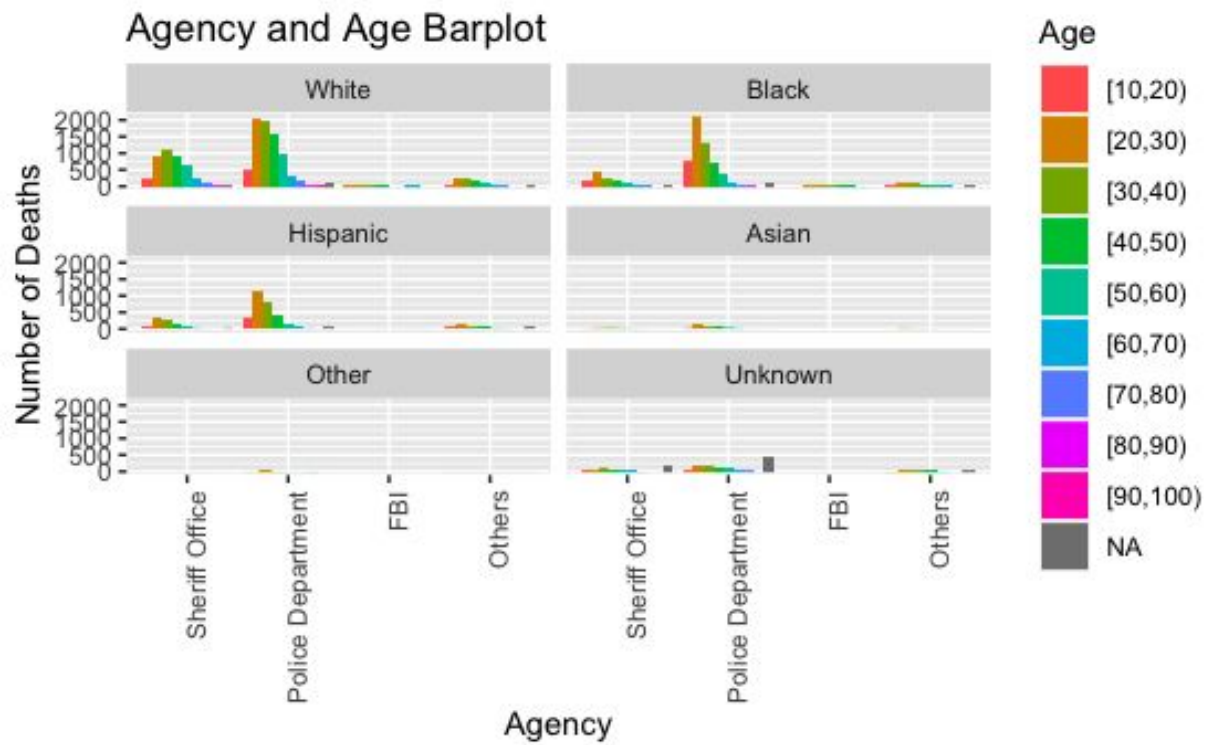


Figure 1.8 Bar plot of Relationship Between Agency and Age