

Are Women/Hispanic “Favored” when it comes to PAROLE ???

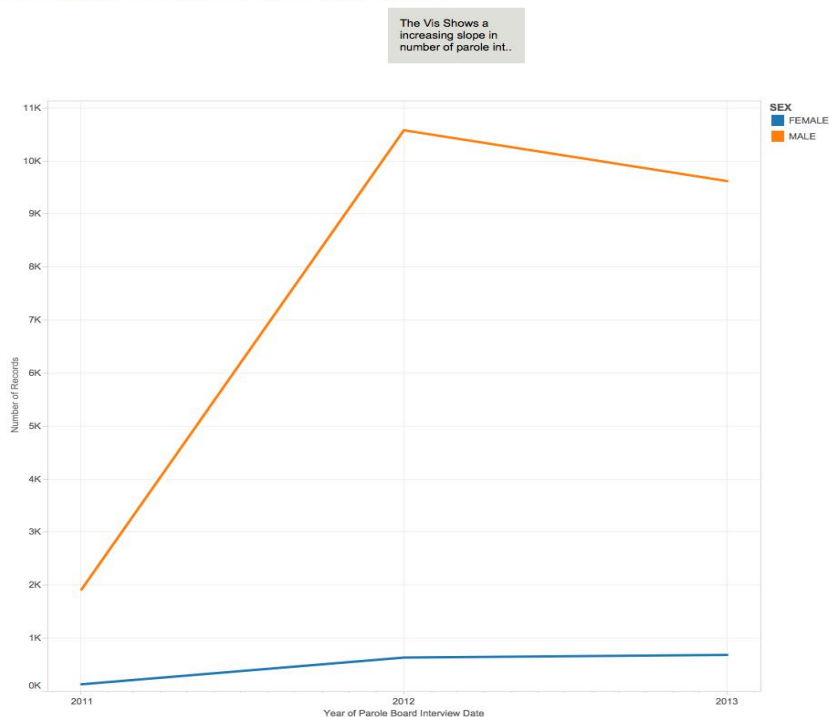
My Story for this assignment is based on the Visualization of parole data and draws out a conclusion for the Parole Data provided to me for this assignment.

My Premise would answer the following questions:

1. Do women get more parole interviews?
2. Do women get more open dates as compared to men?
3. Do men get more rejections?
4. Does certain race have more granted decisions?
5. Are women/Hispanic favored when it comes to parole?

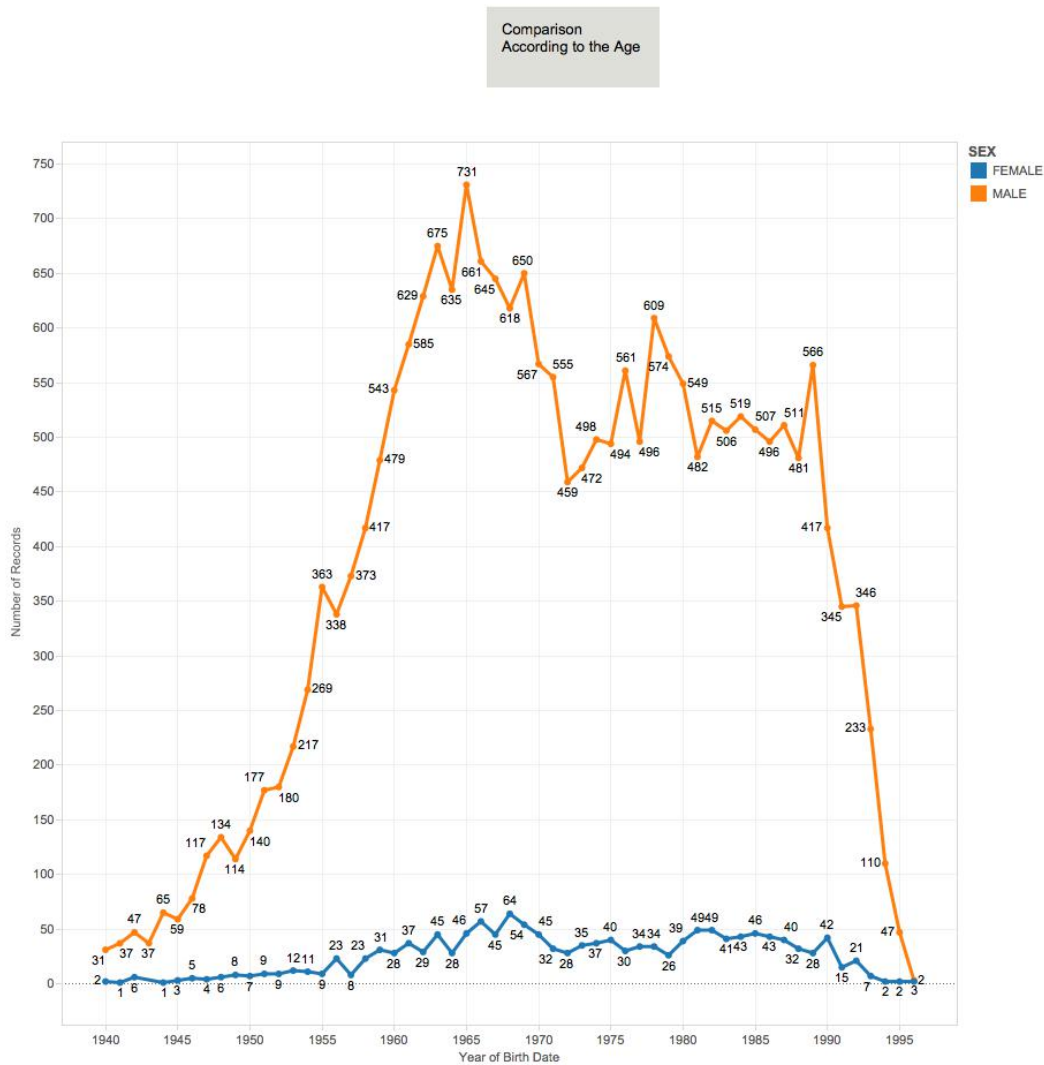
Answer to Question 1:

Do Women Get More Parole Interviews ?



One can derive a conclusion that the ratios of interviews granted to women are more than men. Even if this assumption is based on total number of interviews we can say that the above line graph gives out a clear increasing slope of the increase in parole interviews to women, and hence we can conclude that they are given more parole interviews.

We also can narrow the age group of women getting these interviews by the following line graph:

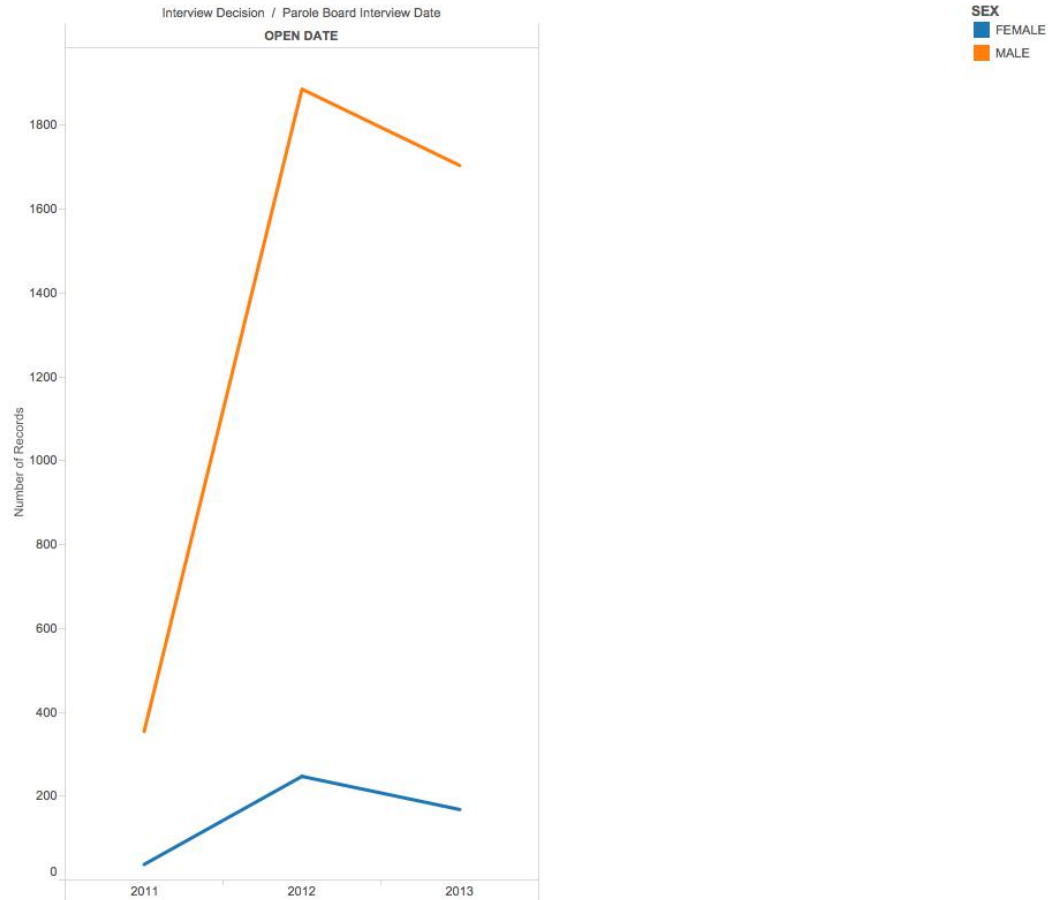


This Vis tells us that Men over 50 are more likely to be contenders of parole interview, whereas women who are less than 50, in their prime 40's and 30's get more parole interviews.

Answer to Question 2:

Do women get more open dates ?

The slope answers our question !



There is a decrease in slope of the line from 2012 to 2013 because of the decrease in the sample size, but the slope in the male graph is more steeper than female, hence we can conclude that the ratio of female getting open dates is also greater than that of male who apply for parole.

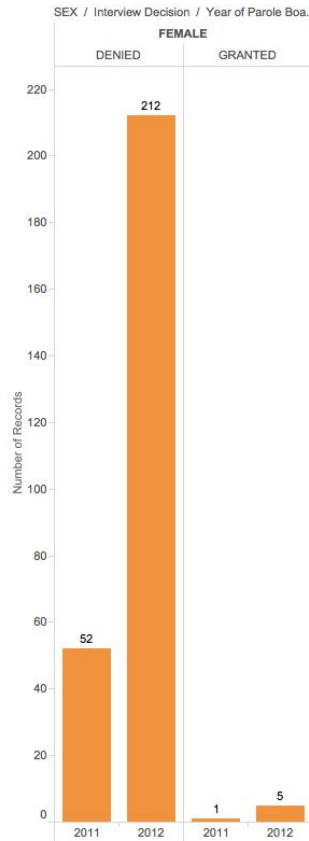
The concept of favoritism do not occur id parole interviews if granted result in similar ratio in number of granted and rejected paroles in males and females.

Hence the next graph would highlight the question of favoritism.

Answer to Question 3:

Ratio of Parole's Granted and Rejected based on Sex !

Ratios for 2012 :
100 : 1.54 _ MALE



The above Vis is one of the most important Vis to back my premise. This Vis is a primitive bar chart which does not look that good! But has a great meaning to it. By analyzing this Vis one can derive ratio's of denied to granted based on sex.

Ratio's are as follows.

For EVERY 100 REJECTS IN MALE - 1.54 MALES HAVE BEEN GRANTED PAROLE

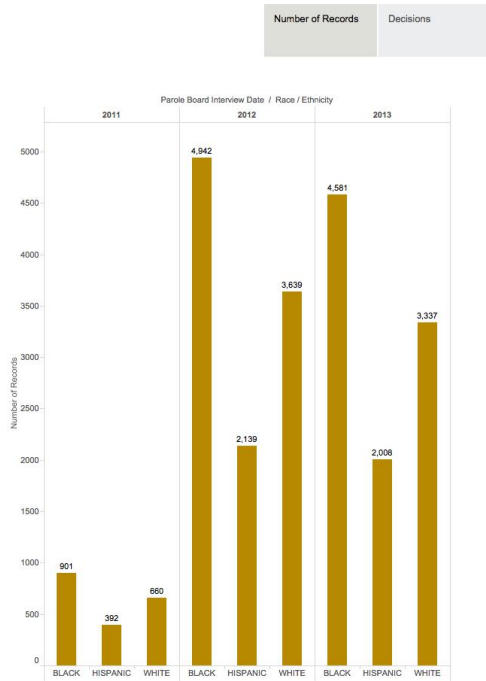
For EVERY 100 REJECTS IN FEMALES - 2.35 FEMALES HAVE BEEN GRANTED PAROLE

This is a whopping 67% more chance of getting a parole to women !!!!!!!

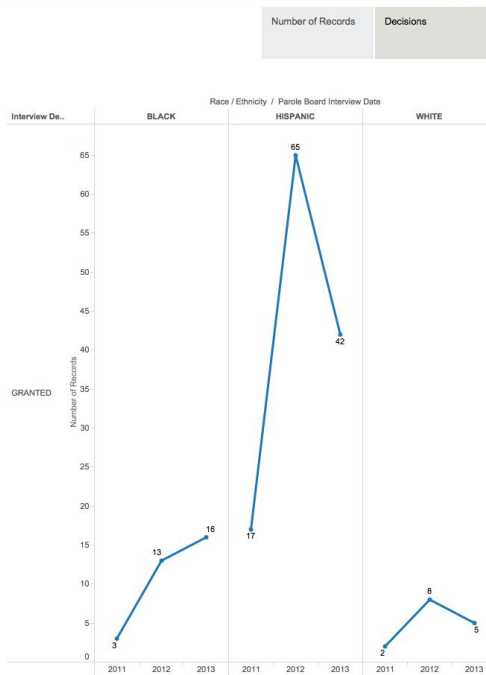
After ascertaining to the face to favoritism in women, let us explore to the areas other than sex !

Answer to Question 4:

Does Certain Race have more Granted Decisions ?



Does Certain Race have more Granted Decisions ?



From the above two visualizations, one can draw conclusion that inmates of certain race do have an edge in getting the granted parole decisions than others. We can conclude from above that Hispanic's do have a grater number when it comes to granted parole decisions, and the values are staggering.

For the year of 2011, 2012 and 2013, we have percent of requests converted to granted paroles:

FOR 2011:

BLACKS – 0.33 %

HISPANICS – 4.33 %

WHITES – 0.3 %

FOR 2012:

BLACKS – 0.34 %

HISPANICS – 3.03 %

WHITES – 0.21 %

FOR 2013:

BLACKS – 0.34 %

HISPANICS – 2.09 %

WHITES – 0.14 %

Hence one can see the ratio of getting paroles is much more in Hispanic than in Blacks or Whites. In 2013 Hispanics had 1.95% more chance of getting parole than Whites !

If Blacks had the parole granting ratio that of Hispanics, in 2012 alone 150 Blacks would have been released on parole as compared to 65. That is **almost 3 TIMES !!!**

Answer to Question 5:

I won't be giving you this answer !!! It is for you to decide and judge, based on Answers given by me to the Questions 1 to 4, **ARE WOMEN AND HISPANICS FAVOURED ????**