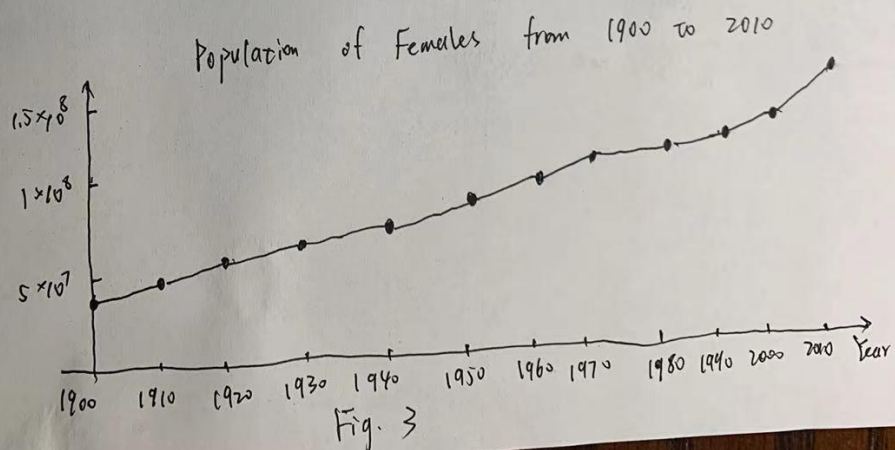
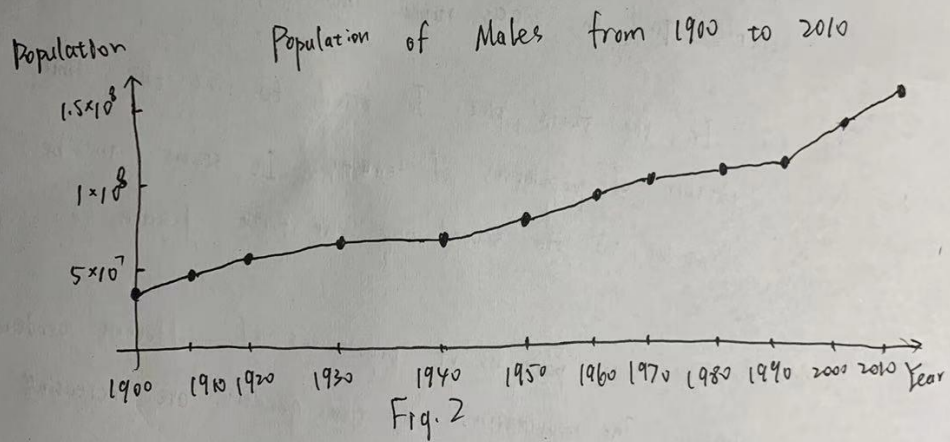
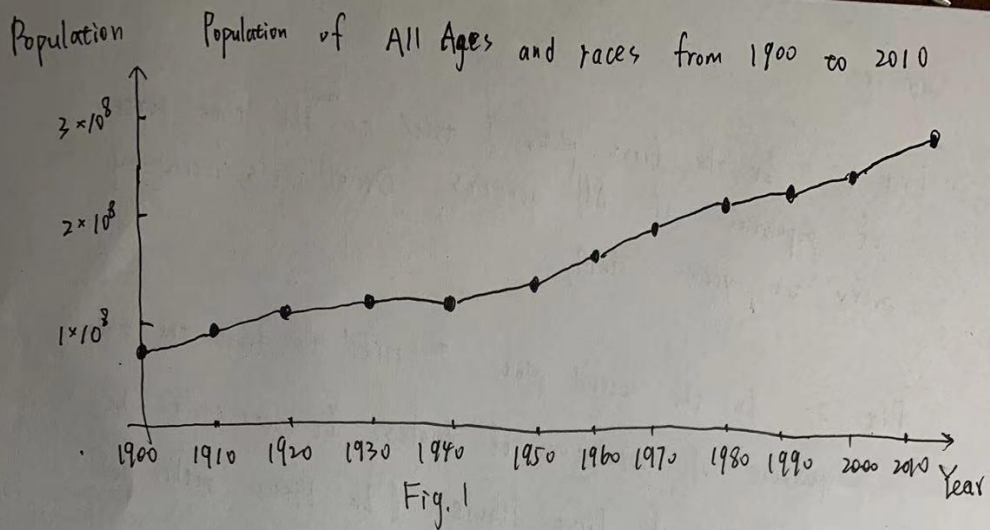


## Part 1 Sketches and Write-ups



Captions:

Fig. 1: In the first plot, I tried to <sup>find</sup> the time pattern of populations of all genders. Overall it's increasing every ten years stably.

Fig. 2: In the second plot, I tried to find the time pattern of populations of males. It seems to be similar to the first figure. (In 1930s rather low increase, and in 2000s rapid increase)

Fig. 3: In the third plot, I tried to find the time pattern of populations of females. It seems to be similar to the second and the first figure.

Conclusion: The time patterns of populations of different gender are similar. The populations of two genders are increasing similarly and stably.