

Through the experiment of this lesson, I have worked out the histogram of current fleet and new fleet, also the scatterplot between current fleet and new fleet. Besides, I have drawn line plots between bootstrap iterations and mean, which indicate the upper and lower bound of the standard deviation of the current fleet and new fleet. From the line plots, the standard deviation of current fleet is 4.170343 and the standard deviation of new fleet is 6.068931. The upper bound of the standard deviation of the current fleet is 4.8462 and the lower bound of the standard deviation of the current fleet is 3.3752. The upper bound of the standard deviation of the new fleet is 5.1418 and the lower bound of the standard deviation of the new fleet is 6.9057. Therefore, I find the standard deviations comparable.