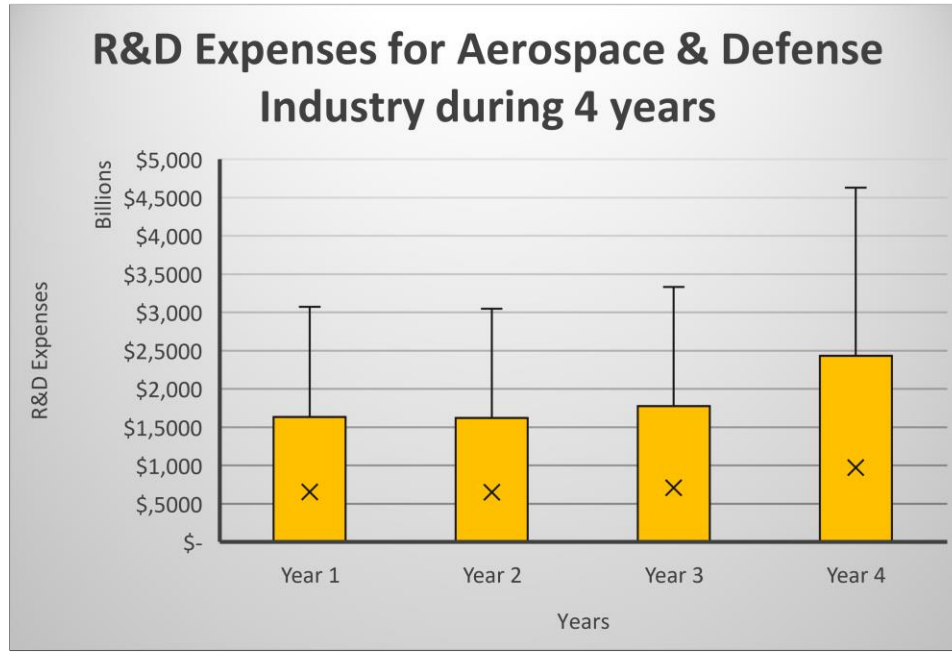


How is the evolution of R&D Expenses for Aerospace & Defense Industry for 4 years?



The figure shows four different box-plots, representing the distribution of R&D Expenses for each year in Aerospace & Defense Industry.

It is observed that the four box-plots are right or positively skewed, which means that the mean of each of them is higher than the median.

The median for all the years is \$0, which means that more than the 50% of the companies do not spend any money in research and development. Also, it is observed that during the first three years the maximum quantity spent is between 3 and 3,5 billion, while for the fourth year this amount increased to more than 4,5 billions. Looking at the standard deviation values (Between 1,20 and 1,32 billion for years 1,2 and 3, and more than 1,8 billion for year 4) it is concluded that the expenses differences between companies are higher in year 4 than in the previous ones. Same behavior is also represented in the values of the range and interquartile range, which states that year 4 has higher variability, which means that the investment is riskier when the values for range and standard deviation are very high.