





Quantiles





Middle Value = 100



Middle Value = 100 = 0.5 Quantile



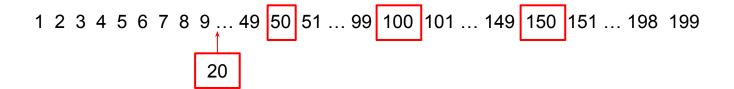
```
Middle Value = 100 = 0.5 Quantile
0.25 Quantile =
0.75 Quantile =
```



```
Middle Value = 100 = 0.5 Quantile
0.25 Quantile = 50
0.75 Quantile = 150
```



```
Middle Value = 100 = 0.5 Quantile
0.25 Quantile = 50
0.75 Quantile = 150
```





```
Middle Value = 100 = 0.5 Quantile = Median 0.25 Quantile = 50 0.75 Quantile = 150
```



```
Middle Value = 100 = 0.5 Quantile = Median
0.25 Quantile = 50
0.75 Quantile = 150
```



```
Middle Value = 100 = 0.5 Quantile = Median
0.25 Quantile = 50
0.75 Quantile = 150
```

1 2 3 4 5 6 7 8 9 ... 49 50



```
Middle Value = 100 = 0.5 Quantile = Median
0.25 Quantile = 50
0.75 Quantile = 150
```

1 2 3 4 5 6 7 8 9 ... 49 50 51 ... 99 100



```
Middle Value = 100 = 0.5 Quantile = Median
0.25 Quantile = 50
0.75 Quantile = 150
```

1 2 3 4 5 6 7 8 9 ... 49 50 51 ... 99 100 101 ... 149 150



```
Middle Value = 100 = 0.5 Quantile = Median
0.25 Quantile = 50
0.75 Quantile = 150
```



- Quantiles
- Interquartile Range (IQR)



Interquartile Range

Difference between values at second quartile and third quartile.

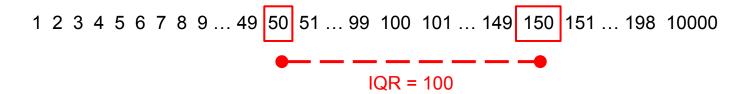


Interquartile Range

Difference between values at first quartile and third quartile.





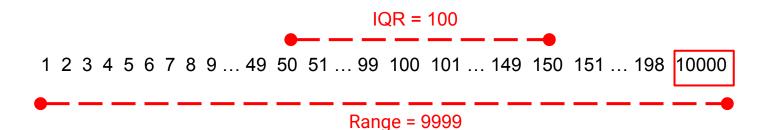




1 2 3 4 5 6 7 8 9 ... 49 50 51 ... 99 100 101 ... 149 150 151 ... 198 10000

Range = 9999

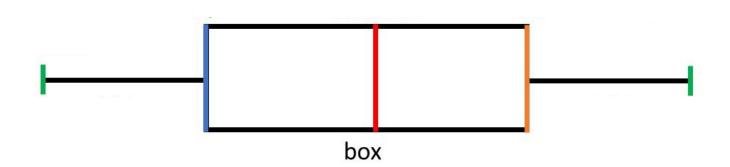




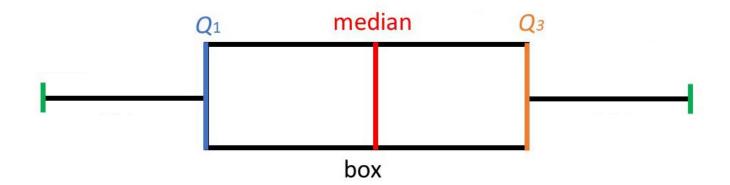


- Quantiles
- Interquartile Range (IQR)
- Boxplots

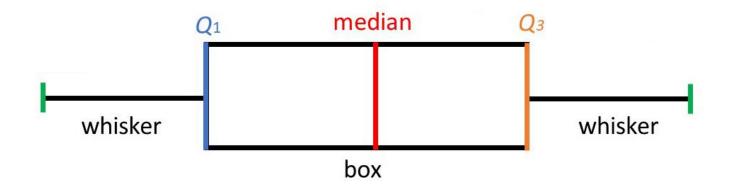




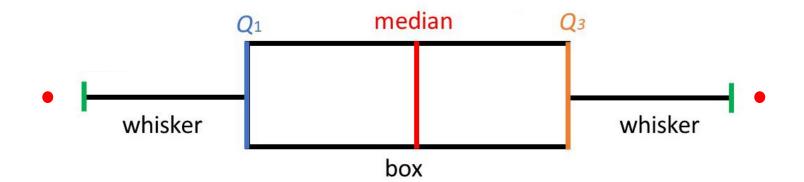




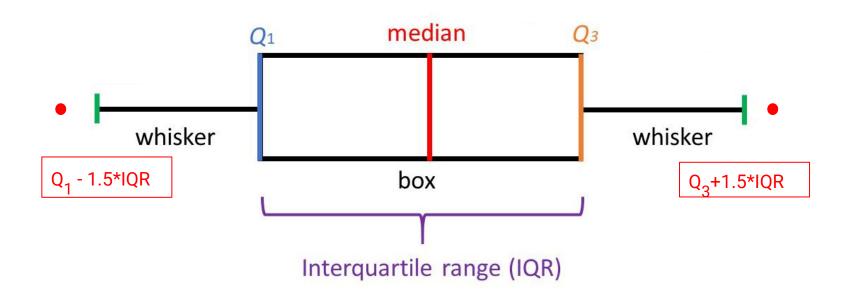














Thank You!

