

1, 2, 2, 2, 2, 3, 4, 5, 5, 5, 6, 6, 7, 7, 7, 8, 9, 9, 10, 10

$$Q_1 = 2.5$$

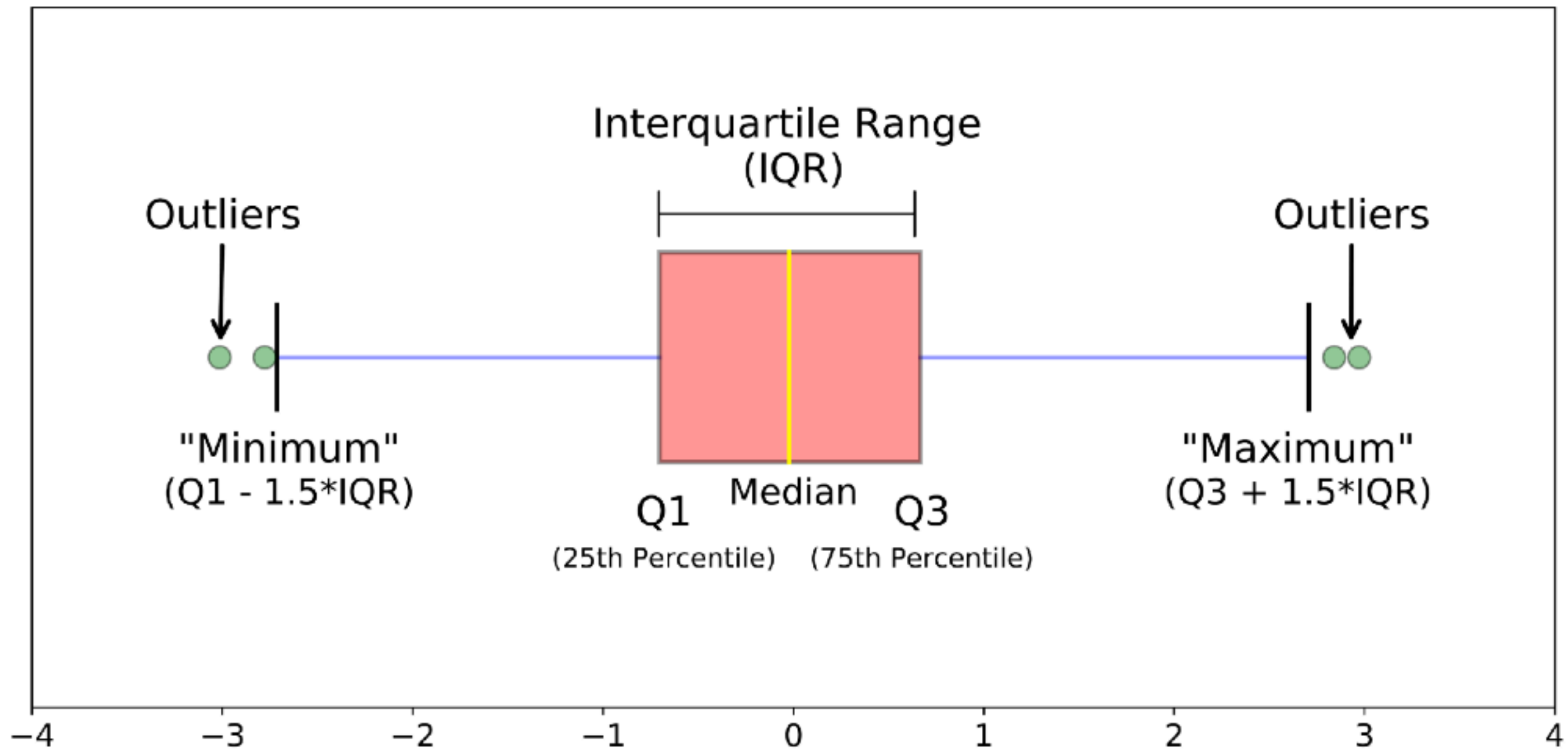
$$Q_2 = 5.5$$

$$Q_3 = 7.5$$

(Median)

We first order the data from low to high, and then split our data into four equal parts (**quartiles**).

In this example, each **quartile** has five data points in each.



A common and effective way to visualize both central tendencies and spread of your data is with a **box-plot**, comprised of the median, quartiles, and the interquartile range (IQR).

