

Merits of Median.

Median is a widely used measure of the central tendency, particularly in the field of socio-economic studies. Some of its main merits are as under.

(1) Simplicity : $\rightarrow$

It is a very simple measure of the central tendency of the series. In the case of simple statistical series, just a glance at the data is enough to locate the median value.

(2) Certainty : $\rightarrow$

Certainty is another merit of the median. Median value is always a certain specific value in the series.

(3) Free from the Effect of Extreme Value :

Unlike arithmetic mean,

median value is not distorted by the extreme value of the series.

④ Real Value:

Median value is a real value and is a better representative value of the series compared to arithmetic average, the value of which may not exist in the series at all.

⑤ Graphic Presentation:→

Beside algebraic approach, the median value can be estimated also, through the graphic presentation of data.

⑥ Possible Even when Data is Incomplete:→ Median can be estimated even in the case of certain incomplete series. It is enough if one knows the number of items and the middle items of the series.