

How to Calculate Percentile Rank

Formula:

$$\% \text{ rank} = \left[\frac{(\# \text{ of values below } x) + 0.5}{\text{Total \# of values}} \right] 100$$

Example:

$$\% \text{ rank} = \left[\frac{2 + 0.5}{10} \right] 100$$

= 25th percentile

$$\% \text{ rank} = \left[\frac{9 + 0.5}{10} \right] 100$$

= 95th percentile