

Measures

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December 16, 2024

For Continuous Data

1. Central Tendency
2. Variability or Dispersion
3. Skewness
4. Kurtosis

Central Tendency

Common central tendency measures: mean, median, mode (the most frequent value)

Mean

Sample Mean:

$$\bar{x} = \frac{\sum x_i}{n}$$

Population Mean:

$$\mu = \frac{\sum X_i}{N}$$

Median

Sample Median: \tilde{x}

Population Median: η (eta)