

Absolute Average Relative Error = AARE

Synonym: [Average Absolute Relative Error \(AARE\)](#) = [Average Absolute Percentage Error \(AAPE\)](#)

[Statistical metric](#) characterizing the [model](#) prediction quality ([goodness of fit](#)) between the [datasets](#) of a given variable x and its [estimator](#) $\hat{x}$:

$$(1) \quad \text{AARE} = \frac{1}{N} \sum_{k=1}^N \left| \frac{\hat{x}_k - x_k}{x_k} \right|$$

See also

[Formal science](#) / [Mathematics](#) / [Statistics](#) / [Statistical Metric](#)

[Natural Science](#) / [System](#) / [Model](#)