

Maximum Relative Error = MAXRE

Synonym: [Maximum Relative Error \(MAXRE\)](#) = [Maximum Percentage Error \(MAXPE\)](#)

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

$$(1) \quad \text{MAXRE} = 100\% \cdot \max \left\{ \frac{\hat{x}_k - x_k}{x_k} \right\}_{k=1..N}$$

See also

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

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