Abbreviations and Acronyms

Following are commonly used symbols. I give preference to Latin letters rather than Greek.

Symbol	Description	Symbol	Description
A	Actual value of a forecasted event	MdRAE	Median Relative Absolute Error
α,β,γ	alpha, beta, and gamma: smoothing factors in exponential smoothing for average, trend, and seasonality, respectively, they represent the weights placed on the latest value	MSE	Mean Square Error
APE	Absolute Percentage Error	n	sample size (number of observations, that is the number of decision units or number of years in a time series)
ARMA	AutoRegressive Moving Average	OLS	Ordinary Least Squares
ARIMA	AutoRegressive Integrated Moving Average	PI	Prediction Interval
b	measure of the impact of variable x on the dependent variable Y in regression analysis	p	probability
e	error	r	correlation coefficient
F	Forecast value	R^2	coefficient of determination
G	Growth or trend (it can be negative)	RAE	Relative Absolute Error
GMRAE	Geometric Mean of the Relative Absolute Error	RMSE	Root Mean Square Error
h	forecast horizon	S	Seasonal factor
j	period of the year	t	time; also a measure of statistical significance
MAD	Mean Absolute Deviation	v	number of variables
MAE	Mean Absolute Error	w	weighting factor
MAPE	Mean Absolute Percentage Error	X	explanatory or causal variable
$\overline{\text{MAPE}}$	Adjusted Mean Absolute Percentage Error; in which the denominator is the average of the forecasted and actual values. Also called the Symmetric MAPE.	Y	dependent variable (variable to be forecasted)