

LIST OF SYMBOLS

Symbol/Notation	Description
n	The sample size or final value calculated based on the inputs N and e .
N	The total population or initial value under consideration
e	The margin of error
M	The Mean (average)
$\sum X$	The sum of all data values
SD	Standard deviation
$\sqrt{\quad}$	The square root of the result of $\frac{\sum x^2}{N}$
AVE	Average Variance Extracted
λ_i^2	The squared factor loading of each indicator
$\sum_{I=1}^N \lambda_i^2$	The total squared loadings of all indicators
S_i^2	The variance of each individual item i
S_t^2	The variance of the total scores (sum of all items)
$\hat{Y}$	The predicted values of the dependent
$\bar{Y}$	The mean of the actual dependent variable
Y_i	The actual values of the dependent varia
R^2	Determination Coefficient
λ_i	Standardized loading (outer loading) for each indicator