

A. Common Statistical Abbreviations that are always in common font

Abbreviation	Definition
a	The slope parameter in item response theory (IRT)
AIC	Akaike information criterion
ANCOVA	Analysis of covariance
ANOVA	Analysis of variance
AVE	Average value explained
BIC	Bayesian information criterion
aBIC	sample-size-adjusted Bayesian information criterion
CAT	Computerized adaptive testing
CDF	Cumulative distribution function
CFA	Confirmatory factor analysis
CFI	Comparative fit index
CI	Confidence interval
DIF	Differential item functioning
EFA	Exploratory factor analysis
EM	Expectation maximization
ES	Effect size
FDR	False discovery rate
FIML	Full information maximum likelihood
GFI	Goodness-of-fit index
GLM	Generalized linear model
GLS	Generalized least squares

Common Statistical Abbreviations and Symbols in APA 7th (common font)

Abbreviation	Definition
HLM	Hierarchical linear modelling
HSD	Tukey's honestly significant difference
IRT	Item response theory
LGC	Latent growth curve
LR	Likelihood ratio
LSD	Least significant difference
MANOVA	Multivariate analysis of variance
MANCOVA	Multivariate analysis of covariance
MCMC	Markov chain Monte Carol
MLE	<ul style="list-style-type: none">• Maximum linked estimator• Maximum likelihood estimator
MLM	Multilevel model or modelling
NFI	Normed fit index
NNFI	Nonnormed fit index
OLS	Ordinary least squares
PDF	Probability density function
Q	Test of homogeneity of effect sizes
RMSEA	Root mean square error of approximation
S	Sample variance-covariance matrix
S ²	Sample variance (biased estimator) – denominator <i>n</i>
SEM	Structural equation model or modelling
SRMR	Standard root-mean-square residual

Common Statistical Abbreviations and Symbols in APA 7th (common font)

Abbreviation	Definition
TLI	Tucker-Lewis index
V	<ul style="list-style-type: none">• Pillai-Bartlett multivariate trace criterion• Cramér's measure of association in contingency tables
WLS	Weighted least squares

Note. Adapted from Publication Manual of the American Psychological Association (7th ed.), 2020, p. 183-185. Copyright 2020 by American Psychological Association.

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References

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). American Psychological Association.

<https://apastyle.apa.org/products/publication-manual-7th-edition>