

Table with columns: COMPARE MEANS, ASSOCIATIONS, SCALE COMPOSITION. Sub-columns include ONE-SAMPLE T, DEP-SAMPLES T, IND-SAMPLES T, ONE-WAY ANOVA F, TWO-WAY ANOVA F, CHI-SQUARE, CORRELATION, LINEAR REGRESSION F, EX. FACTOR ANALYSIS, RELIABILITY ANALYSIS.

LEVELS OF MEASUREMENT, DIRECTION, STRENGTH. Includes COHEN'S d formulas and visual representations of effect sizes.

FUNCTION. Detailed descriptions of statistical tests with examples and visual aids like bar charts and scatter plots.

NULL HYPOTHESIS. Descriptions of null hypotheses for various statistical tests.

ASSUMPTION. Lists of assumptions for each statistical test.

RUNNING. Step-by-step instructions for running each statistical test in software.

READING. Sample outputs from statistical software, including tables for statistics, ANOVA, regression, and factor analysis.

INTERPRETING. Guidelines for interpreting statistical results and significance levels.

REPORTING. Detailed instructions on how to report statistical findings in a research paper.

FAQ. Common questions and answers regarding the use of the 10 tools.

10 ATTRIBUTES

HIERARCHY: CONTINUOUS, INTERVAL, RATIO, CATEGORICAL, ORDINAL, NOMINAL, DEPENDENT, RESPONDING, Y-AXIS, MANIPULATING, INDEPENDENT, X-AXIS