

Outline of PASW Features Covered

This table is designed to help you figure out where to go in SPSS/PASW (column 3) when you need the information listed in column #2.

Topic	Info You Need	Where is SPSS(PASW) to Obtain
Descriptive Stats	Percentage	Frequencies - If interested in percentage of whole group Crosstabs - If interested in percentage of a subgroup
Descriptive Stats	Central Tendency & Variability	Frequencies statistics - If interested in mean/median for whole group Compare means - If interested in mean/median for subgroups
Descriptive Stats	Percentile	Frequencies statistics
Descriptive Stats	z score	2 steps: Descriptives save standardized values Reports case summaries
Descriptive Stats	Correlation	Correlate bivariate - When you need PPMC or Kendall Crosstabs stats - When you need Phi, Cramer's V By hand - When you need point biserial
Graphs	Bar Charts	Bar Charts - whole group: Graphs-Legacy-bar-simple Bar Charts - sub groups: Graphs-Legacy-bar-clustered
Graphs	Histogram (shape of distribution)	Histogram-whole group: Graphs-Legacy-Histogram Histogram-sub groups: Graphs-Legacy-Histogram
Check Assumption - PPMC	Linearity	Graphs-Legacy-Scatter/Dot-Simple
Item Analysis	Difficulty Index	Frequencies
Item Analysis	Discrimination Index	By hand - When you need Point Biserial Crosstabs stats - When you need Phi

Topic	Info You Need	Where is SPSS(PASW) to Obtain
Concurrent Validity - Scores	Correlation	For PPMC: Correlate Bivariate For point biserial - by hand
Predictive Validity - Scores	Correlation and SEE	For PPMC: Correlate Bivariate [note: SEE done by hand]
Reliability - Scores	Coefficient Alpha & SEM	Scale Reliability [note: SEM done by hand]
Objectivity - scores	Coefficient Alpha & SEM	Scale Reliability [note: SEM done by hand]
Concurrent Validity - Classifications	Correlation	Crosstabs stats - When you need Phi (point biserial by hand)
Reliability/Objectivity - Classifications	Proportion of Agreement or Kappa	Crosstabs stats for Kappa Proportion of Agreement by hand
Grading	Percentiles	Frequencies statistics
Grading (GPE method)	scores transformed	Transform Recode (into different variable)
Grading (GPE method)	Composite scores	Transform Compute
Grading (z score method)	z scores	2 steps: Descriptives save standardized values Analyze Reports case summaries
Data Profiling	z scores	2 steps: Descriptives save standardized values Analyze Reports case summaries