

**syntax adult analysis.

DESCRIPTIVES VARIABLES=HEIGHT WEIGHT AGE BMI BLC1_MAX BLC2_MAX HGS_D_MAX
HGS_ND_MAX MAX_DA_pol3

MAX_NDA_pol3 MAX_DT_pol3 MAX_NDT_pol3

/STATISTICS=MEAN STDDEV MIN MAX.

T-TEST GROUPS=Gender(0 1)

/MISSING=ANALYSIS

/VARIABLES=HEIGHT WEIGHT AGE BMI BLC1_MAX BLC2_MAX HGS_D_MAX HGS_ND_MAX
MAX_DA_pol3 MAX_NDA_pol3

MAX_DT_pol3 MAX_NDT_pol3

/CRITERIA=CI(.95).

**test-retest reliability.

SORT CASES BY Gender.

SPLIT FILE LAYERED BY Gender.

RELIABILITY

/VARIABLES=BLC1_MAX BLC2_MAX

/SCALE('ALL VARIABLES') ALL

/MODEL=ALPHA

/STATISTICS=CORR ANOVA

/ICC=MODEL(MIXED) TYPE(CONSISTENCY) CIN=95 TESTVAL=0.

COMPUTE BLC_DIFF=BLC2_MAX - BLC1_MAX.

EXECUTE.

SPLIT FILE OFF.

DESCRIPTIVES VARIABLES=BLC_DIFF

/STATISTICS=MEAN STDDEV MIN MAX.

**Blant altman plot.

COMPUTE BLC_MEAN=mean (BLC2_MAX, BLC1_MAX).

EXECUTE.

GRAPH

/SCATTERPLOT(BIVAR)=BLC_MEAN WITH BLC_DIFF BY Gender

/MISSING=LISTWISE.

DESCRIPTIVES VARIABLES=BLC_DIFF

/STATISTICS=MEAN STDDEV MIN MAX.

**BLC diff: mean = 2.67; SD = 12.36.

**95% limits of agreement = Mean of difference +/- 2 SD;

**[-22.1 ; 27.4]

**lines can be drawn by use of the chart drawing tools.

*Correlations.

CORRELATIONS

/VARIABLES=BLC1_MAX HGS_D_MAX HGS_ND_MAX MAX_DA_pol3 MAX_NDA_pol3 MAX_DT_pol3
MAX_NDT_pol3

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

SORT CASES BY Gender.

SPLIT FILE LAYERED BY Gender.

CORRELATIONS

/VARIABLES=BLC1_MAX HGS_D_MAX HGS_ND_MAX MAX_DA_pol3 MAX_NDA_pol3 MAX_DT_pol3
MAX_NDT_pol3

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

**Regression analysis.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT BLC1_MAX

/METHOD=ENTER Gender.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT BLC1_MAX

/METHOD=ENTER HGS_D_MAX HGS_ND_MAX MAX_DA_pol3 MAX_DT_pol3 MAX_NDA_pol3
MAX_NDT_pol3.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT BLC1_MAX

/METHOD=ENTER Gender HGS_D_MAX HGS_ND_MAX MAX_DA_pol3 MAX_DT_pol3 MAX_NDA_pol3
MAX_NDT_pol3.

DATASET ACTIVATE DataSet1.

SORT CASES BY Gender.

SPLIT FILE LAYERED BY Gender.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT BLC1_MAX

/METHOD=ENTER HGS_D_MAX HGS_ND_MAX MAX_DA_pol3 MAX_DT_pol3 MAX_NDA_pol3
MAX_NDT_pol3.