**Descriptive statistics**

jaspDescriptives::Descriptives(

version = "0.18.3",

formula = NULL)

**Gender differences**

jaspTTests::TTestIndependentSamples(

version = "0.18.3",

formula = ~ caring + depression + deprum + distract + dampe + positrum,

group = "sex",

mannWhitneyU = TRUE,

normalityTest = TRUE,

student = FALSE)

**Correlations**

jaspRegression::Correlation(

version = "0.18.3",

variables = list("caring", "depression", "deprum", "distract", "dampe", "positrum"))

**Multiple mediation analysis**

jaspSem::MediationAnalysis(

version = "0.18.3",

mediators = list("deprum", "distract", "dampe", "positrum"),

outcomes = "depression",

pathPlot = TRUE,

pathPlotParameter = TRUE,

predictors = "caring",

rSquared = TRUE,

standardizedEstimate = TRUE)

**Path analysis**

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PROGRAM CONTROL INFORMATION

1 /TITLE

2 Model built by EQS 6 for Windows

3 /SPECIFICATIONS

4 DATA='c:\users\diego\desktop\bmc revision\data base - repository.ess';

5 VARIABLES=7; CASES=1040;

6 METHOD=ML,ROBUST; ANALYSIS=COVARIANCE; MATRIX=RAW;

7 /LABELS

8 V1=SEX; V2=CARING; V3=DEPRESSI; V4=DEPRUM; V5=DISTRACT;

9 V6=DAMPE; V7=POSITRUM;

10 /EQUATIONS

11 V2 = \*V1 + E2;

12 V3 = \*V4 + \*V6 + E3;

13 V4 = \*V1 + \*V2 + E4;

14 V6 = \*V1 + \*V2 + E6;

15 /VARIANCES

16 V1 = \*;

17 E2 = \*;

18 E3 = \*;

19 E4 = \*;

20 E6 = \*;

21 /COVARIANCES

22 E6,E4 = \*;

23 /PRINT

24 FIT=ALL;

25 TABLE=EQUATION;

26 /OUTPUT

27 Parameters;

28 Standard Errors;

29 RSquare;

30 Codebook;

31 Listing;

32 DATA='EQSOUT.ETS';

33 /LMTEST

34 PROCESS=SIMULTANEOUS;

35 SET=PVV,PFV,PFF,PEE,PDD,GVV,GVF,GFV,

36 GFF,BVF,BFF;

37 /WTEST

38 PVAL=0.05;

39 PRIORITY=ZERO;

40 /END