SS2709 SPSS Assignment

Data Analysis on Compensated Dating (CD)
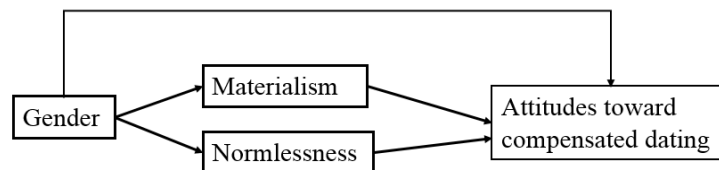
Student Name: ___Yeonji Hong____

Student ID: ____56345200___

Data: CD_final_for spss assignment.sav

Part A.

○   Research framework:

○   Outcome variable: attcd

○   Key explanatory variables: male, materialism, and normlessness

○   Control variables: senior, bgyes, age13, age14, age15, age16,

A1. Run univariate analysis for all the variables, and present the descriptive statistics in Table 1. Interpret your results.

A2. Compare males to females regarding attitudes toward compensated dating, materialism, and normlessness, and test whether there are significant differences between the two groups. Present the results in Table 2. Interpret your results.

A3. Make scatterplots of attitudes toward compensated dating by materialism (fit line at total), and present the results in Figure 1. Please also test whether the correlation is significant or not. Interpret your results (both Figure 1 and the correlation coefficient).

A4. Make scatterplots of attitudes toward compensated dating by normlessness (fit line at total), and present the results in Figure 2. Please also test whether the correlation is significant or not. Interpret your results (both Figure 2 and the correlation coefficient).

A5. Run OLS regressions for the following models. Present your results in Table 3. Interpret your results.

    (1) $attcd=a+b_1 male$

    (2) $attcd=a+b_1 male+b_2 materialism$

(3) attcd=a+$b_1$male+$b_2$normlessness

(4) attcd=a+$b_1$male+$b_2$materialism+ $b_3$normlessness

(5) attcd=a+$b_1$male+$b_2$materialism+ $b_3$normlessness +$b_4$senior+$b_5$bgyes+ $b_6$age13+ $b_7$age14+ $b_8$age15+ $b_9$age16

Part B

○ Research framework:
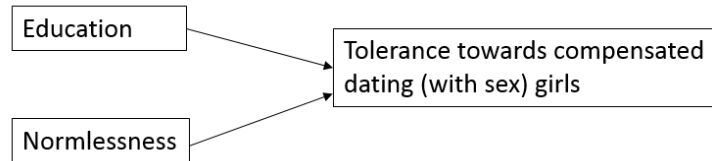
○ Research hypotheses:

1. The higher the educational level, the more likely to be tolerant toward compensated dating girls (with sex).

2. The higher the level of normlessness, the more likely to be tolerant toward compensated dating girls (with sex)

○ Outcome variable: tolerant (This variable was recoded from cds_moral, 0 means not tolerant, 1 means tolerant)

○ Key explanatory variables: senior and normlessness

○ Control variables: male and materialism

B1. Run univariate analysis for all the variables, and present the descriptive statistics in Table 1. Interpret your results.

B2. Do cross-tabulations between tolerant and the two categorical variables senior and male. Present the results in Table 2. Interpret your results.

B3. Run binary logistic regressions for the following models. Present your results in Table 3. Interpret your results. Do you find evidence to support your hypotheses?

(1) tolerant=a+$b_1$senior

(2) tolerant=a+$b_1$normlessness

(3) tolerant=a+$b_1$senior+$b_2$normlessness

(4) $tolerant = a + b_1 senior + b_2 normlessness + b_3 male + b_4 materialism$

Due April 27, 2022, <u>soft copy to canvas</u>.