Assignment 7

1. Exercise 9.1 Acme Bank wants to determine if a person’s age (group) is associated with his or her preferred bill-paying method. The research team gathers data using a self-administered survey card: Bill Paying Survey Please check one answer for each question: How old are you? □ 18–25 □ 26–35 □ 36–55 □ 56–99 What method do you use most often to pay bills? □ Check □ E-pay □ Other Thank you for participating in our survey. Data set**: Ch 09 - Exercise 01A.sav** Codebook Variable: age Definition: Age of the respondent Type: Categorical (1 = 18–25, 2 = 26–26, 3 = 36–55, 4 = 56–99) Variable: billpay Definition: Preferred method for paying bills Type: Categorical (1 = Check, 2 = E-pay, 3 = Other

a. Write the hypotheses.

b. Run the criteria of the pretest checklist (n is at least 5 per cell in the crosstabs,) post and discuss your findings.

c. Run the chi-square test, post and document your findings (ns and/or percentages, Sig. [p value]).

d. Write an abstract up to 200 words detailing a summary of the study, the chi-square test results, hypothesis resolution, and implications of your findings.

2. Using General Social Service (GSS) data

a. open and save GSS data: GSS2016.sav

b. Following earlier examples, use the attached information about GSS describe the sample.

c. Review the variables and select which variables you will use for your research paper.

d. Describe the variables:

1) Define the variables you will use

(YEAR(Gss year for this respondent )

POLVIEWS(Think of self as liberal or conservative)

RELIG(Rs religious preference)

ATTEND(How often r attends religious services)

RELITEN(Strength of affiliation)

POSTLIFE(Belief in life after death)

HAPPY(General happiness)

HAPMAR(Happiness of marriage)

OBEY(To obey)

THNKSELF(To think for ones self)

CLASS\_(Subjective class identification)

ABDEFECT(Strong chance of serious defect)

ABANY(Abortion if woman wants for any reason)

IF12WHO(Who would r have voted for in 2012 election)

VOTE12(Did r vote in 2012 election)

ID\_(Respondent id number)

MARITAL(Marital status)

MARTYPE(Marital type)

DIVORCE(Ever been divorced or separated)

PAOCC10(Fathers census occupation code (2010))

MAOCC10(Mothers census occupation code (2010))

CHILDS(Number of children)

EDUC(Highest year of school completed)

DEGREE(Rs highest degree)

SEX(Respondents sex)

INCOME(Total family income)

PARTYID(Political party affiliation)

TVHOURS(Hours per day watching tv)

2) List the categories of each variable

3) Write your hypothesis

4) What statistics will you use to analyze the data?

4. The student researcher wants to use GSS 2016 data to examine whether males or females are happier. The student downloads GSS2016.sav data. The student wants to determine whether the number of hours TV watched (TV HOURS) is negatively related to happiness (HAPPY). TV HOURS survey question: “On the average day, about how many hours do you personally watch television?” Categories: 0-24; -1 Not applicable; 98 Don't know; 99 No answer. Since this has 27 categories recode to1 = 0-1; 2 = 2-5; 3 = 6-12; 4 = 13-24. HAPPY survey question “Taken all together, how would you say things are these days--would you say that you are very happy, pretty happy, or not too happy?” Categories: 1 Very happy; 2 Pretty happy; 3 Not too happy; 8 Don't know; 9 No answer; 0 Not applicable.

a. Write the hypotheses.

b. Run the criteria of the pretest checklist (n is at least 5 per cell in the crosstabs,) post and discuss your findings.

c. Run the chi-square test, post and document your findings (ns and/or percentages, Sig. [p value]).

d. Write an abstract up to 200 words detailing a summary of the study, the chi-square test results, hypothesis resolution, and implications of your findings.