**ECON 203 Empirical Group Project Data Check List:**

**Econometrics (Blunch)**

(1) Names of group members:

**Mary Kate Richards, Marko Suchy, and Jackson Stokes**

(2) Preliminary/working title for your Empirical Group Project:

**How does a person’s education level, marital status, sex, and religion affect their opinion on if women should be able to obtain a legal abortion for any reason?**

(3) What is the **name/title** of your suggested data set (e.g., “General Social Survey (GSS)” or “Ghana Living Standards Survey (GLSS)”)?

**General Social Survey (GSS)**

(4) What is the **source** of your suggested data set (e.g. “World Bank” or “The Bureau of the Census (US)”)?

**Data for the GSS is provided by the National Opinion Research Center (NORC) and paid for by the National Science Foundation (NSF.)**

(5) “Check-up”: Do you have the data **in hand** – that is, do you have an **electronic file** of **data** in **Stata (or Excel, SAS, SPSS, or text) format** downloaded on your computer?

**Yes: \_X\_**

No: \_\_\_

(6) Use the **summarize** command in Stata to calculate descriptive statistics (means, standard deviations, min, max) for your dependent variable[1] and **at least five** explanatory[2] variables.

Then copy and paste this below.

NOTES:

(1) This is for the actual/final/constructed variables (for the regression), **not** merely the raw variables (from the initial Stata datafile).

(2) In order to first **construct** these variables—most, if not all of which will probably be dummy variables—so that you can use the “summarize“ command for them, you may want to consult the “W&L Stata Guide” (uploaded on Sakai – or Google search ”wlu.edu Stata Guide”).

**Copy and paste descriptive statistics – from using the “summarize” Stata command – for your dependent and explanatory variables here:**

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

abYes | 1,524 .5013123 .5001624 0 1

. summarize abNo

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

abNo | 1,524 .4986877 .5001624 0 1

. sum LessThanHS

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

LessThanHS | 1,524 .1043307 .3057894 0 1

. sum HS

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

HS | 1,524 .5059055 .5001292 0 1

. sum Assoc

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Assoc | 1,524 .0807087 .2724766 0 1

. sum Bach

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Bach | 1,524 .2027559 .4021841 0 1

. sum Grad

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Grad | 1,524 .1062992 .3083214 0 1

. sum Male

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Male | 1,524 .4461942 .4972597 0 1

. sum Female

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Female | 1,524 .5538058 .4972597 0 1

. sum Protestant

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Protestant | 1,513 .4904164 .5000734 0 1

. sum Catholic

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Catholic | 1,513 .2002644 .4003305 0 1

. sum Jewish

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Jewish | 1,513 .0165235 .1275194 0 1

. sum None

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

None | 1,513 .2452082 .4303528 0 1

. sum Other

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Other | 1,513 .0145406 .1197443 0 1

. sum Buddhism

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Buddhism | 1,513 .0072703 .0849838 0 1

. sum Hinduism

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Hinduism | 1,513 .0033047 .0574104 0 1

. sum MuslimOrIslam

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

MuslimOrIs~m | 1,513 .0059484 .0769219 0 1

. sum OrthodoxChristian

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

OrthodoxCh~n | 1,513 .0039656 .062869 0 1

. sum Christian

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Christian | 1,513 .0125578 .1113927 0 1

. sum NewEngland

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

NewEngland | 1,524 .0518373 .2217711 0 1

. sum MiddleAtlantic

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

MiddleAtla~c | 1,524 .0866142 .2813612 0 1

. sum EastNorthCentral

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

EastNorthC~l | 1,524 .1673228 .3733864 0 1

. sum WestNorthCentral

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

WestNorthC~l | 1,524 .0524934 .2230931 0 1

. sum SouthAtlantic

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

SouthAtlan~c | 1,524 .2283465 .4199048 0 1

. sum EastSouthAtlantic

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

EastSouthA~c | 1,524 .0675853 .2511153 0 1

. sum WestSouthCentral

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

WestSouthC~l | 1,524 .1181102 .3228445 0 1

. sum Mountain

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Mountain | 1,524 .0793963 .2704451 0 1

. sum Pacific

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

Pacific | 1,524 .148294 .3555078 0 1

. sum age

Variable | Obs Mean Std. dev. Min Max

-------------+---------------------------------------------------------

age | 1,522 48.1025 18.22267 18 89

(7) Restate, now that you (hopefully!) have your data in hand – **and** have constructed your actual variables (for the regression) – the **exact definitions** of your variables from (6), above (including units (dollars, pounds, hours, etc.)):

**(i) Dependent variable:**

Abortion for any reason (abany) is a binary variable that records the answer to the survey question, “Please tell me whether or not you think it should be possible for a pregnant woman to obtain a legal abortion if the woman wants it for any reason.” a YES response is recorded as 1 and a NO response is recorded as 2. Some respondents also were marked as “Don’t know” or “Not applicable,” but data for these rows were dropped.

For our dataset, the variable is broken into dummy variables “abYes” and “abNo”

**(ii) Explanatory variables:**

Education level (educ) is broken into dummy variables “LessThanHS”, “HS”, “Assoc”, “Bach”, and “Grad”. The survey question asked was, “Respondent’s degree.” The possible answers were: less than HS, HS grad, Associated degree, Bachelor's degree, and Graduate degree.

Marital Status (marital) is broken into dummy variables “Married”, “Widowed”, “Divorced”, “Separated”, and “NeverMarried”. The survey question asked was, “Are you currently — married, widowed, divorced, separated, or have you ever been married?” The “Separated” response indicates that the respondent is not legally divorced but is living apart from their spouse and have not yet legally finalized their divorce.

Sex (sex): is broken into dummy variables “Male” and “Female”. The survey question asked was, “Code respondent’s sex.”

Religion (relig) is broken into dummy variables “Protestant”, “Catholic”, “Jewish”, “None”, “Other”, “Buddhism”, “Hinduism”, “MuslimOrIslam”, “OrthodoxChristian”, “Christian”. The survey question asked was, “What is your religious preference? Is it Protestant, Catholic, Jewish, some other religion, or no religion?” Additional responses were written in manually by respondents.

Age (age): age is a numerical variable in the unit years. The respondent answered the question, “respondent’s age.” It is measured by year, starting at 18 and ending at 89 or older. The survey question asked was, “Respondent’s Age”

Region (region): Region is a dummy variable with “NewEngland”, “MiddleAtlantic”, “EastNorthCentral”, “WestNorthCentral”, “SouthAtlantic”, “EastSouthAtlantic”, “WestSouthCentral”, “Mountain”, and “Pacific”. The survey question asked was, “Region of interview”\*

\*NOTE: “Region” is defined as the region in which the interview took place, not necessarily the region in which the respondent lived at the time they answered the survey.

[1] Or at least one of them, in case you have more than one dependent variable!

[2] It is ok to add more explanatory variables later! (but this will help make sure that you are on the right track).