# Appendix B

## Variables and Constructs

These suggestions for variables and constructs have been provided by former statistics students who completed their own projects and by faculty who work in various statistics-intensive disciplines. These variables and answer formats are **suggestions only**. Recall that a construct is a variable that combines the responses to several questions.

Each section contains single-question variables first, followed by multi-item constructs.

| Science, Health and Fitness               | 1   |
|---|-----|
| Social Life, Activities and Relationships |     |
| Academics and Education                   | . 5 |
| Religious Beliefs                         | . 6 |
| Business, Economics and Personal Finance  | . 7 |
| Family Variables                          | . 8 |
| Politics                                  | . 9 |
| Law Enforcement                           | 11  |

# **Science, Health and Fitness**

| 0 1 2 3 4 5 6 7 8 9 10 11 12+  |
|--|
| In the last 3 days how many hours of sleep have you gotten (including naps)? 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36+  |
| In the last 2 days how many hours of sleep have you gotten (including naps)? 0 2 4 6 8 10 12 14 16 18 20 22 24+  |
| In the last week, how many meals have you "eaten out"? 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21+  |
| In the last 7 days, how many hours have you spent working out (gym, group fitness classes, athletics practices, running, swimming, etc)? 0 $\frac{1}{2}$ 1 1 $\frac{1}{2}$ 2 2 $\frac{1}{2}$ 3 3 $\frac{1}{2}$ 4 4 $\frac{1}{2}$ 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20+ |
| How often do you use hand sanitizers per day? 0 1 2 3 4 5 6 7 8 9 10+  |
| How many servings of alcohol have you consumed in the past 7 days (a serving is 10 oz of beer/wine, a shot or a mixed drink)?  |
| Did you drink in high school?  Never  Once or Twice  Often  All the time   |
| Approximately, at what age did you have your first alcoholic drink?  |
| In the last 6 months, how many times have you been sick with a cold, the flu, etc.?  0 1 2 3 4 5 6 7 8 9 10+   |
| How many hours of exercise have you gotten in the last week (including recreational sports and athletics practices/games)?   |
| How many servings of junk food have you consumed in the past 3 days (candy, chips, fries, ice cream, etc?)   |
| How many servings of candy or sweets have had in the past 3 days?  |
| How many boxes of Girl Scout cookies did you purchase last month?  |
| How many times in the last 3 days have you brushed your teeth?   |

As a nation, what do you think about the money we are spending on protecting the environment? 1 2 3 4 5 Far too Too About Too Far too Little Little Right Much Much Body-Mass Index – BMI. Requires height, weight and a formula. How much do you weigh in pounds? How tall are you? \_\_\_\_ feet , \_\_\_\_ inches Formula in metric units: BMI = weight in kg / (height in meters)<sup>2</sup> Formula in English units: BMI = weight in lbs \* 703 / (height in inches)<sup>2</sup> How many total piercings do you have (count pairs of ear piercings as 2)? How many total tattoos do you have (for large tattoos, count total number of sessions required to complete)? How many 12 oz. servings of caffeine have you had in the last 48 hours? 1 2 3 4 5 6 7 8 9 10 11 12 13 **Constructs Dental Hygiene** How many times in the last 3 days have you... Brushed your teeth 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+ Used mouthwash 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+ Flossed your teeth 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+

The group who developed this construct noted that brushing and flossing are not equally hygiene-perfect. Because the typical recommendation was brush three times per day and floss once per day, they felt that flossing should count more. The formula they used for their inventory:

Dental Hygiene Score = Brushings + Mouthwashes + 3 \* Flossings

Their interpretation could be debated. An example might be using a multiplier of "2" instead of "3" for flossing. Use your own ideas, but explain your reasoning in your presentation and your write-up.

## Social Life, Activities and Relationships

How many trips to Wal-Mart have you made in the last 2 weeks? 0 1 2 3 4 5 6 7 8 9 10 11 How many times in the last two weeks did you attend a party where alcohol was served? 2 3 4 5 6 7 8 9 10 11 12 13 How many hours have you spent on fraternity/sorority activities in the last 7 days? 5 6 7 8 9 10 11 12 In the last 7 days, how many hours have you spent playing video games? 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50+

| What is your current dating status (check one)?  Single, not dating Single, dating around Dating exclusively – less than 3 months Dating exclusively – 3 to 12 months Dating exclusively – more than a year Engaged Married                                    |
|--|
| On a scale of 1 to 10, 10 being perfect happiness, how happy are you with your social life?  1 2 3 4 5 6 7 8 9 10  |
| How many total parties and social events have you attended in the last 7 days? 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+  |
| On a scale of 1 to 10, 10 being "very important," how important is it to you to have a big Valentine's Day celebration?  |
| 1 2 3 4 5 6 7 8 9 10   |
| On a scale of 1 to 10, 10 being "very important," how important is it to you to wear a costume and attend parties for Halloween?  1 2 3 4 5 6 7 8 9 10   |
| Going to parties is very important to me.  1 2 3 4 5 6 7  Strongly Disagree Neutral Agree Strongly Disagree No Opinion Agree   |
| Being in athletics is very important to me.  1 2 3 4 5 6 7  Strongly Disagree Neutral Agree Strongly Disagree No Opinion Agree   |
| On average, how many days per week would you say you spend 4 or more hours socializing with friends or going to parties?  0 1 2 3 4 5 6 7  |
| How many close friends do you have? Please write the approximate number  |
| In the last 7 days, how many total movies have you seen (TV, cable, DVD or theater)?  0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20+ In past 3 days, how many hours of TV have you watched?  0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40+ |
| In past 7 days, how many nights did you go out (social event with at least 3 people)? 0 1 2 3 4 5 6 7  |
| In the last 3 days, how many hours have you spent on recreational Internet use (games, Facebook, surfing, etc.)?   |
| How many times in the last week have you nodded off to sleep in class? 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+  |
| What is the total number of class meetings (lecture, lab, etc.) you have missed?  0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+   |

| In the past 10 class meetings, how many times have you been at least 2 minutes late to class? 0 1 2 3 4 5 6 7 8 9 10  |
|---|
| On a scale of 1 to 10, 10 being music addict, rate your level of music enjoyment.  1 2 3 4 5 6 7 8 9 10               |
| How many songs have you ripped and/or downloaded to your iPod/MP3 player in the last month?                           |
| How often do you read the newspaper (check one)? Every day A few times a week Once a week Less than once a week Never |
| In the last 3 days, how many total hours have you spent on personal blog spaces (MySpace, Facebook, etc.)?            |
| In past week, how many hours have you spent with your significant other (talking on phone, meals, dates, etc.)?       |

#### **Constructs**

## **Campus Involvement**

How many hours did you spend last week on these extracurricular and co-curricular activities?

| Honor Societies          | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
|--------------------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|-----|
| Greek Life               | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
| Student Org (SGA, etc)   | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
| Intramurals, Club sports | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
| Religious (BCM, etc)     | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
| Military (ROTC)          | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |
| Other                    | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15+ |

Scoring: sum the total hours spent on extra- and co-curricular activities. Note that band, choir and theater groups are not specified – think about the activities that are popular at your university.

## **Binge Drinking**

| In the last month, how many times have you had more than 5     | 0 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ |
|--|-----|---|---|---|---|---|---|---|---|-----|
| drinks or beers in one evening or day?                         |     |   |   |   |   |   |   |   |   |     |
| In the last two weeks, how many times have you had more than 5 | 0 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ |
| alcoholic drinks in one sitting?                               |     |   |   |   |   |   |   |   |   |     |
| How many times in the last month have you had more than 5      | 0 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ |
| alcoholic drinks in less than one hour?                        |     |   |   |   |   |   |   |   |   |     |
| How often do you participate in drinking games?                | 0 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ |
| How many times in the last two weeks have you "beer bonged" a  |     |   |   |   |   |   |   |   |   |     |
| beer, "shot-gunned a beer", or taken a shot of alcohol?        | 0 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ |

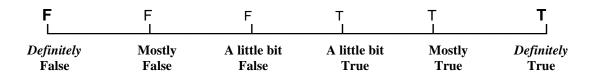
Sum the totals. Range is 0 to 50+, with large numbers indicating more frequent binge drinking.

| Proble | em Drin   | king      |          |          |                 |          |         |          |        |         |   |     |
|--------|-----------|-----------|----------|----------|-----------------|----------|---------|----------|--------|---------|---|-----|
| □ Yes  | □ No      | Do yo     | u ever   | drink a  | alone?          |          |         |          |        |         |   |     |
| ☐ Yes  | □ No      | Do yo     | u ever   | drink c  | during          | the da   | y?      |          |        |         |   |     |
| ☐ Yes  | □ No      | Has a     | friend   | or fam   | ily me          | mber e   | ever t  | old you  | ı that | they a  | are concerned about your drinki         | ng? |
| □ Yes  | □ No      | Do be     | lieve yo | our drii | nking h         | has aff  | ected   | d your ( | GPA?   | •       |   |     |
| □ Yes  | □ No      | Has yow   | our drir | nking e  | ver af          | fected   | a rela  | ationsh  | ip yo  | u have  | e had with someone in a negative        | /e  |
| □ Yes  | □ No      | -         | u drink  | just al  | oout ev         | verv da  | av?     |          |        |         |   |     |
| ☐ Yes  |           | -         | you ev   | -        |                 | -        | -       | of drink | kina a | llcoho  | l?                                      |     |
| □ Yes  |           |           | u some   |          |                 |          |         |          |        |         |   |     |
| □ Yes  |           |           |          |          |                 |          |         | of vour  | frien  | ds or   | other people you know?                  |     |
| □ Yes  |           | •         | ever yo  |          |                 |          | •       | •        |        |         |   |     |
|        |           |           |          |          |                 |          |         |          |        |         | them. Range is 0 to 10, with g problem. |     |
| Aca    | demi      | cs an     | d Ed     | luca     | tion            | 1        |         |          |        |         |   |     |
| What i |           | ghest lev | el of e  | ducatio  | on you          | hope     | to ob   | tain (ch | neck ( | one)?   |   |     |
|        | Bache     |           |          |          |                 |          |         |          |        |         |   |     |
|        | Maste     | ced Pro   | foccior  | al Dad   | aroo (N         | /odicir  | no 1 c  | w Dha    | arm a  | oto     | .\                                      |     |
|        | Docto     |           | 1622101  | iai Deg  | gree (iv        | viedicii | ie, La  | aw, File | aiiiia | y, eic  | •)                                      |     |
|        | Docto     | ale       |          |          |                 |          |         |          |        |         |   |     |
| What i | s your c  | urrent G  | PA (4.   | 0 scale  | e)?             |          |         |          |        |         |   |     |
|        | _         |           |          | -        |                 | -        | -       | -        | pend   | 4 or r  | nore hours studying for school?         |     |
| 0      | 1         | 2         | 3        | 4        | 5               | 5        | 6       | 7        |        |         |   |     |
| In the | last 5 da | ys, how   | many     | class i  | meetin          | as and   | d/or la | abs did  | vou i  | miss?   |   |     |
| 0 1    | 2 3       |           | 5 6      |          | 8 9             | 10       | 11      | 12       | 13     | 14      | 15+                                     |     |
| •      |           | . ,       | , ,      | •        | 0 0             |          |         |          | .0     |         |   |     |
| Acade  | mic wor   | k is very | import   | tant to  | me.             |          |         |          |        |         |   |     |
|        | 1         | 2         |          | 3        | 4               |          | 5       |          | 6      |         | 7                                       |     |
| S      | trongly   | Di        | sagree   |          | Neu             | tral     |         | Agree    |        | Str     | ongly                                   |     |
| Di     | sagree    |           |          |          | No Op           | oinion   |         |          |        | Α       | gree                                    |     |
|        |           |           |          |          |                 |          | to ha   | ve a hi  | gh Gl  | PA (10  | D being extremely important)?           |     |
| 1 2    | 3 4       | 5 (       | 6 7      | 8 9      | 9 10            | )        |         |          |        |         |   |     |
| How n  | nany cre  | dit hours | s are yo | ou taki  | ng this         | seme     | ester?  |          | -      |         |   |     |
| On a c | cale of   | 1 to 10,  | 10 hair  | na nerf  | ect ra          | te vou   | r etuc  | ly hahit | te     |         |   |     |
| 1 2    | 3 4       |           |          |          | eci, ia<br>9 10 |          | i stut  | ay Habii | ιο.    |         |   |     |
| . 2    | 5 4       |           | , ,      | 0 .      | 0 10            | ,        |         |          |        |         |   |     |
| On a s |           | 1-10, ho  | w impo   | ortant d | lo you          | think i  | t is to | have     | perfe  | ct clas | ss attendance (10 being extreme         | ely |
| 1 2    | 3 1       | 5 (       | 2 7      | 0 (      | 0 10            | 1        |         |          |        |         |   |     |

#### **Constructs**

#### **Motivation**

Please use the following scale to answer the statements below. Circle the letter that best describes how true or false each statement is for you.



| 1  | I like mathematics assignments I can learn from even if I make a lot of mistakes. (I)                      | F | F | F | Т | Т | Т |
|----|--|---|---|---|---|---|---|
| 2  | The reason I do mathematics assignments is that I want to learn as much as I can about the subject. (I)    | F | F | F | Т | Т | Т |
| 3  | An important reason I do my mathematics assignments is because I want to learn new things. (I)             | F | F | F | Т | T | Т |
| 4  | An important reason I do my mathematics assignments is because I want to become better at mathematics. (I) | F | F | F | Т | T | Т |
| 5  | I do my mathematics assignments because I find them interesting. (I)                                       | F | F | F | Т | Т | T |
| 6  | I am in this class <b>only</b> because it is required for my major. (E)                                    | F | F | F | Т | Т | Т |
| 7  | I am in this class because I enjoy the material. (I)   | F | F | F | Т | Т | Т |
| 8  | I work hard in this class to avoid being punished by my parents. (E)                                       | F | F | F | Т | Т | Т |
| 9  | I work hard in this class because I must maintain a high GPA. (E)  | F | F | F | Т | Т | T |
| 10 | I work hard in this class to avoid disappointing my parents. (E)   | F | F | F | Т | Т | T |

The codes in parenthesis, (I) = Intrinsic Motivation, (E) = Extrinsic Motivation, should not be used on the actual survey. Assign the responses numerical values  $\mathbf{F} = 1$  through  $\mathbf{T} = 6$ . Sum the responses with an (I) for the intrinsic motivation scale, and sum the responses with an (E) for the extrinsic motivation scale.

# **Religious Beliefs**

How many times last month did you attend religious services and/or activities sponsored by religious organizations (BCM, Wesley, Newman, etc.)?

On a scale of 1 to 10, 10 being very religious, rate the depth of your religious beliefs. 10

| Which of these statements comes closest to describing your feand mark one answer.  The Bible is the actual word of God and is to be taken literated. The Bible is the inspired word of God, but not everything something. The Bible is an ancient book of fables, legends, history, and Please mark which statement comes closest to expressing who I don't believe in God.  I don't know whether there is a God and I don't believe the I don't believe in a personal God, but I do believe in a High I know God really exists and I have no doubts about it. | ally, word f<br>hould be ta<br>nd moral pe<br>at you beli<br>re is any w | for word.  aken literally.  erceptions record  eve about God.  vay to find out. |                   |
|--|--|---|-------------------|
| Constructs  Religious Conservatism  Yes No Public prayer should be allowed in public school yes No I believe homosexuality is morally wrong.  Yes No I believe that a judge should be allowed to posin his courtroom if he wants to.  Yes No I believe abortion should be illegal.  Yes No I do not believe in evolution. I believe the Bibl Score each "yes" response as "1" and each "no" response as indicating an individual who is very conservative with regard to   | et the Ten of<br>e's version<br>0." Sum th                               | of creation.  |                   |
| Religiousness  |  |   |                   |
| How often in the last year have you attended church?   | Never<br>1   | Occasionally  | Weekly or more 3  |
| How often in the past year have you given money to your  | 1  | 2<br>2  | 3                 |
| church?  How often in the past year have you gone to other church  | 1  | 2   | 3                 |
| affairs, such as meetings, Bible study, or trips?  | •  | _   |                   |
| How often do you read the Bible?   | 1  | 2<br>2  | 3<br>3            |
| How often do you pray? In the last year, how often have you listened to or watched   | 1<br>1   | 2   | 3<br>3            |
| Christian programming on TV or radio?  |  |   |                   |
| How often in the past have you read a religious book other than the bible?   | 1  | 2   | 3                 |
| Sum the totals. Range is 7 to 21, with "7" indicating an individuindicating immense religious activity.  | ıal with ver   | y little religious  | activity and "21" |
| Business, Economics and Personal Fin   | ance   |   |                   |
| How many hours have you worked in the last 7 days?   |  |   |                   |
| How many minutes is your commute to work (one-way)?  | _  |   |                   |
| How much allowance money have your parents given to you ir   | n the last m   | nonth?  |                   |

| W       | hat is your a  | verage v         | weekly ind                | come? _  |                        |            |           |         |                    |            |                 |
|---------|--|------------------|---------------------------|----------|------------------------|------------|-----------|---------|--------------------|------------|-----------------|
|         | hat percenta   |                  |                           |          | tional ex              | penses     | are paid  | throug  | h the un           | iversity's | s financial aid |
|         | 0  | 10               | 20                        | 30       | 40                     | 50         | 60        | 70      | 80                 | 90         | 100             |
| C       | onstructs  |                  |                           |          |                        |            |           |         |                    |            |                 |
| To      | otal Work-re<br>How many<br>How many<br>How many               | hours on minutes | did you wo<br>s does it t | take you | ı to comi              | mute to    |           |         |                    |            |                 |
| So      | coring: some   | arithme          | tic is requ               | uired, w | hich Exc               | el can p   | erform.   | The for | mula:              |            |                 |
|         | Work   | Inventor         | y = Hrs W                 | orked -  | + 2 * Tim              | ies Com    | muted *   | ( Comr  | nute Mir           | nutes / 60 | 0)              |
| Ur      | nits are in ho   | urs.             |                           |          |                        |            |           |         |                    |            |                 |
|         |  |                  |                           |          |                        |            |           |         |                    |            |                 |
| F       | amily V  | ariab            | les                       |          |                        |            |           |         |                    |            |                 |
| Di      | d your parer<br>Never<br>Rarely<br>Sometime<br>Often<br>Always |                  | alcoholic                 | bevera   | ges in fro             | ont of yo  | ou when   | you wh  | ere grov           | ving up (  | (mark one)?     |
| M       | y family disa  |                  |                           | ol use.  | 4                      | E          | 6         |         | 7                  |            |                 |
|         | 1<br>Strongly<br>Disagree                                      | 2<br>Di:         | 3<br>sagree               |          | 4<br>eutral<br>Opinion | 5<br>A     | 6<br>gree |         | 7<br>ongly<br>gree |            |                 |
| Di      | d both of you  | ur paren         | ts work w                 | hen you  | u were g               | rowing ι   | ıp?       |         |                    |            |                 |
|         | Not too clo<br>Somewhat<br>Not close                           | se<br>t close    | say you a                 | re to yo | ur paren               | ts (ched   | k one)?   |         |                    |            |                 |
| In      | your opinior   | n, what v        | vould be t                | the idea | l age for              | you to     | get marri | ed?     |                    |            |                 |
| In<br>0 | your opinior   |                  | vould be t<br>5 6+        | the idea | l numbe                | r of child | dren you  | would   | want to I          | have?      |                 |

| It is sometimes   | necessary to discip   |  | -                              | · <u>-</u>  |
|---|---|--|--------------------------------|---|
| Strongly<br>Disagree  | 2 3<br>Disagree   | 4 5<br>Neutral<br>No Opinion                     | 6<br>Agree                     | 7<br>Strongly<br>Agree  |
| Some I High Some ( Some ( Associa Bachele Some ( Masters  | College<br>ate's Degree (2 yea<br>ors Degree<br>Graduate School<br>s<br>ced Professional De | r degree)  | ·                              |   |
| <b>Politics</b>   |   |  |                                |   |
| viewpoint.  | to 10, with 1 being 5 6 7 8   | •  | e and 10 beiı                  | ng very liberal, rate your political  |
| Political Party In politics today Strong Republic Moderat Independent Moderat Democrat Strong D | r, do you consider y<br>Republican (1)<br>can<br>e Republican<br>dent<br>e Democrat<br>at   | ourself a (check                                 | one):                          |   |
|   | e codes in parenth<br>as "conservative" v   |  | a 7-point Lik                  | ert Scale. Please note that this is not   |
| Constructs  |   |  |                                |   |
| Attitude towar  Yes No No No No No No No  | Most men are bett<br>Women should tal<br>the country up to r                                | ke care of running<br>men.<br>not work if her hu | g their homes<br>sband is capa | s and leave running able of supporting the family.                                  |
|   |   |  |                                | ." Sum the responses. Range is 0 to 4, hts, and "4" indicating strongly supportive. |

| Pornography (coding given in parentheses but should NOT be included on survey!!)  I think that laws against pornography in this country are (check one)  too strict (2)  just about right (1)  not strict enough (0)  |
|---|
| It should be legal for adults to buy sexually explicit DVD's to view in their homes.  Agree (1)  Disagree (0)   |
| It should be legal for someone to set up a nude dance club in my neighborhood.  Agree (1)  Disagree (0)   |
| Sum the coding values for the three questions. Range is 0 to 4, with "0" indicating an individual strongly opposed to pornography, and "4" indicating strongly supportive. This variable is hierarchical and can (with care) be used in a regression study – ask your professor. It is a great category variable for possible use if the group comparison project as a grouping variable. |
| Homosexuality   |
| □ Yes □ No I believe homosexuality is morally wrong.  |
| <ul><li>☐ Yes</li><li>☐ No</li><li>☐ I believe marriages between homosexuals should not be allowed.</li><li>☐ Yes</li><li>☐ No</li><li>☐ believe homosexual couples should not be allowed to adopt children.</li></ul>  |
| ☐ Yes ☐ No ☐ I believe that homosexuals should not be allowed to adopt children.  |
| □ Yes □ No I believe that sexual activity involving homosexuality should be against the law.  |
| Score each "yes" response as "0" and each "no" response as "1." Sum the totals. Range is 0 to 5, with "0 indicating an individual strongly opposed to homosexuality, and "5" indicating strongly supportive.  |
| Abortion (You will need to format Likert Scale responses 1 to 5 ranging from Strongly Disagree to Strongly Agree. Options vary.)  |
| Abortion is morally wrong.  More laws should be passed to make it more difficult for women to obtain an abortion.  Abortion should be illegal.  |
| Score $SD = 1$ , $D = 2$ , $N = 3$ , $A = 4$ , and $SA = 5$ . Sum the totals. Range is 3 to 15, with "3" indicating an individual strongly in favor of abortion rights, "9" indicating neutral/no opinion, and "15" indicating strongly opposed to abortion.  |
| Legalization of Marijuana   |
| ☐ Yes ☐ No The possession of small amounts of marijuana should not be a criminal offense.   |
| ☐ Yes ☐ No People in the possession of small amounts of marijuana should be fined rather than sent  |
| to jail. □ Yes □ No Marijuana should be legal for medical purposes.   |
| Score each "yes" response as "1" and each "no" response as "0." Sum the totals. Range is 0 to 3, with "0 indicating an individual who strongly supports legalized marijuana, and "3" indicating strongly opposed. Answers can be formatted as Likert Scale responses (see abortion construct above).  |

| Racism  How would it make you feel if a close relative of yours was planning to marry a minority (circle one)?  Uneasy Somewhat Uneasy Not uneasy at all  How would it make you feel if your supervisor at work was a minority (circle one)?  Uneasy Somewhat Uneasy Not uneasy at all  How would it make you feel if a minority moved into a house next to yours (circle one)?  Uneasy Somewhat Uneasy Not uneasy at all |                               |  |                                      |   |   |  |
|---|-------------------------------|--|--------------------------------------|---|---|--|
|   |                               |  |                                      | sy" response and "3" for "not uneas<br>more open attitudes toward minorit |   |  |
| Law Enforce   | ement                         |  |                                      |   |   |  |
| In the last two weeks, how many times have you parked illegally on campus? 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15+   |                               |  |                                      |   |   |  |
|   |                               | any campus parking tic<br>7 8 9 10 11              | •                                    | received?<br>4 15+  |   |  |
| Do you favor or or<br>survey with 1885<br>numeric one.)   | opose the de<br>saying "favoi | eath penalty for person<br>and 930 saying "oppo    | convicted of mu<br>ose." Note this i | urder? (Asked on a nationwide 2000<br>is a categorical variable, not a    | 6 |  |
| How worried are y Very worried Somewhat Not very worried Not worried  | ed<br>worried<br>orried       | will become a victim of                            | crime?                               |   |   |  |
|   |                               | which would require a page a categorical variable, |                                      | n a police permit before she or he one.)                                  |   |  |
| In the past five ye were <b>your fault</b> ?  |                               | ny traffic accidents hav                           | e you been in t                      | hat, according to police/insurance,                                       |   |  |
| How many speedi   | ng tickets ha                 | ave you received in the                            | past 5 years?                        |   |   |  |
| How strongly do y   | ou oppose o                   | or support a law that ma                           | akes ownership<br>4                  | of an automatic weapon illegal?   |   |  |
| Strongly<br>Oppose  | Oppose                        | Neither Oppose nor Support                         | Support                              | Strongly<br>Support   |   |  |

### **Constructs**

### **Gun Control**

| Favor | □ Oppose | Do you favor or oppose a federal law banning assault weapons?                |
|-------|----------|--|
| Favor | □ Oppose | Do you favor or oppose a federal law banning hand guns?                      |
| Favor | □ Oppose | Do you favor or oppose a federal law that requires anyone that buys a gun to |
|       |          | register with the federal government?  |

Score each "favor" response as "1" and each "oppose" response as "0." Sum the totals. Range is 0 to 3, with "0" indicating an individual strongly opposed to gun control laws, and "3" indicating strongly supportive.

Answers can also be formatted as Likert Scale responses. For example: Strongly Oppose = 1 Oppose = 2 Neutral = 3 Favor = 4 Strongly Favor = 5

Sum the totals. Range is 3 to 15, with "15" indicating an individual strongly in favor of gun control, "9" indicating neutral/no opinion, and "15" indicating strongly opposed to gun control.