STEM Survey Code Book

Example:

**Gender:** Gender of the Participant (: Male, Female, Other)

**Gender:** Variable name in the csv file

*Gender of the Participant*: The question on the survey

(Male, Female, Other): possible answers

**I Demographics**

**Timestamp:** Time of the response

**Gender:** Gender of the Participant (Male, Female, Genderfluid, Transgender female)

**Major:** Major of the Participant

**Minor:** Minor of the Participant

**Ethnic:** Ethnic background

(Factor: African American, Asian, Caucasian, Latino/Hispanic, Other (specify))

\* Notice: Those who select other have their specified responses recorded

**Orientation:** Sexual orientation

(Factor: Heterosexual, Gay/homosexual, Bisexual, Queer, Other(Specify))

\* Notice: Those who select other have their specified responses recorded

**MotherEduc:** Mother’s level of education

(High school or less, Two-year college, Four-year college, Graduate or professional degree, “”(No Response))

**FatherEduc:** Father’s level of education

(High school or less, Two-year college, Four-year college, Graduate or professional degree, “”(No Response))

**Year:** Year in college

(Freshman, Sophomore, Junior, Senior, fifth year, “”(No Response))

**International:** Are you an international student? (Yes, No, “”(No Response))

**Country:** For international students, please specify country of origin (Character)

**Transfer:** Did you transfer from a community college? (Yes, No, “”(No Response))

**EFL:** Is English your first language? (Yes, No, “”(No Response))

**FirstGen:** Are you the first generation in your family to attend college? (Yes, No, “”(No Response))

**STEM:** Are you a STEM major? (Yes ,No, “”(No Response))

**GPA:** Your UCLA GPA (Numeric, “0” if not established)

**HighGPA:** Your high school GPA (Numeric)

**SameEthnic**: How many friends do you have from your own ethnic background?

**OtherEthnic**: many friends do you have from other ethnic backgrounds?

**II Please answer the following questions by placing a check mark in the relevant column.**

*For this Set of questions: all the possible answers are coded in (“Never”, “Rarely”, “Sometimes”, “Often”, “Always”, “”(No Responses))*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| How often do you…? (Factor) | never | rarely | sometime | often | always |
| **Q2.1**: I get enough sleep. |  |  |  |  |  |
| **Q2.2:** I miss classes. |  |  |  |  |  |
| **Q2.3:** I do my homework. |  |  |  |  |  |
| **Q2.4:** I exercise. |  |  |  |  |  |
| **Q2.5:** I go to office hours. |  |  |  |  |  |

**III Help us know UCLA students better by putting a check mark in the appropriate column**

*For this Set of questions: all the possible answers are coded in (“Strongly Agree”, “Agree”, “Neither Agree or Disagree”, “Disagree”, “Strongly Disagree”, “”(No Responses))*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Statement | Strongly agree | Agree | Neither agree or disagree | Disagree | Strongly disagree |
| **Q3.1:** My family believes STEM majors make more money. |  |  |  |  |  |
| **Q3.2:** My high school prepared me well for STEM classes. |  |  |  |  |  |
| **Q3.3:** My family believes that STEM is more appropriate for males. |  |  |  |  |  |
| **Q3.4:** My family struggled financially when I was growing up. |  |  |  |  |  |
| **Q3.5:** I need to work to pay for my expenses. |  |  |  |  |  |
| **Q3.6:** I need to graduate and get a job as soon as possible. |  |  |  |  |  |
| **Q3.7:** Most of my friends are from own major. |  |  |  |  |  |
| **Q3.8:** The workload in my major is overwhelming. |  |  |  |  |  |
| **Q3.9:** The workload in my major does not leave enough room for a social life. |  |  |  |  |  |
| **Q3.10:** I experience anxiety about academics. |  |  |  |  |  |
| **Q3.11:** I experience anxiety about getting along with my roommates. |  |  |  |  |  |
| **Q3.12:** I experience anxiety with my dating life. |  |  |  |  |  |
| **Q3.13:** I have learned how to cope with the stress in my academics. |  |  |  |  |  |
| **Q3.14:** I seek help when I have an academic problem. |  |  |  |  |  |
| **Q3.15:** I have a general idea about what I want to do after graduation. |  |  |  |  |  |
| **Q3.16:** I feel excluded at UCLA. |  |  |  |  |  |
| **Q3.17:** There is not enough students like me in my major. |  |  |  |  |  |
| **Q3.18:** I wish there were more faculty I could identify with. |  |  |  |  |  |
| **Q3.19:** I feel l belong at UCLA. |  |  |  |  |  |
| **Q3.20:** My parents understand what is takes to get into UCLA. |  |  |  |  |  |
| **Q3.21:** My parents understand the value of a college education. |  |  |  |  |  |
| **Q3.22:** I am happy at UCLA. |  |  |  |  |  |
| **Q3.23:** I am confident in my ability to succeed at UCLA. |  |  |  |  |  |
| **Q3.24:** My experiences at UCLA have helped me to interact with diverse groups. |  |  |  |  |  |

**Part IV. Please write your response to the following questions. You can use as many words as you like?**

1. **HelpFactor:** Please describe the factors that have helped you succeed academically, socially, emotionally, or otherwise at UCLA? It would be great if you can provide us with examples or tell us a story about something that happened.
2. **InhibitFactor:**Please describe the factors that have inhibited your success academically, socially, emotionally, or otherwise at UCLA? It would be great if you can provide us with examples or tell us a story about something that happened.

**Part V. Indicators**

**FamilyValue:** Indicator for family value on education (“Low Value”, “Average Value”, “High Value”)

**Academic:** Indicator for confidence of academic performace (continuous variable from 0 to 1 ,0= Low Confidence, 1=High Confidence) *[Item Reliability: Cronbach’s =0.71]*

**SES:** Indicator for socioeconomic struggle (continuous variable from 0 to 1 ,0= Low level of struggle, 1=High level of struggle) *[Item Reliability: Cronbach’s =0.74]*

**Belonging:** Indicator for “sense of belonging” (continuous variable from 0 to 1 ,0= Low level of sense of belonging, 1=High level of sense of belonging) *[Item Reliability: Cronbach’s =0.67]*

**Stress:** Indicator for “Stress” (continuous variable from 0 to 1 ,0= Low level of stress, 1=High level of stress) *[Item Reliability: Cronbach’s =0.61]*

**Exclusion:** Indicator for “Feeling of Exclusion” (continuous variable from 0 to 1 ,0= Not Feeling Much Exclusion, 1=Feeling Much Exclusion) *[Item Reliability: Cronbach’s =0.62]*