SPSS exercises will use data from a survey of health students[[1]](#footnote-1); topics cover a range of health-related questions that are pertinent to health students, including the number of hours spent exercising per week, smoking status, number of hours slept per week, number of alcoholic beverages consumed per week, and sources of worry, for example. The database includes 22 variables. Of these, 5 are nominal, 1 is ordinal, and 16 are “scale” or interval/ratio. There are 325 cases; some variables have missing data.

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| **Variable Names, Values, and Labels** | | |
| Value | | Label |
| EqDrill | 1 | Yes |
| 2 | No |
| HelpAdvisor | 1 | Not at all helpful |
| 2 | Slightly helpful |
| 3 | Moderately helpful |
| 4 | Quite helpful |
| 5 | Extremely helpful |
| WorryGrades | 1 | I do not worry at all |
| 6 | I worry a great deal |
| WorryMoney | 1 | I do not worry at all |
| 6 | I worry a great deal |
| WorryHealth | 1 | I do not worry at all |
| 6 | I worry a great deal |
| WorryFamily | 1 | I do not worry at all |
| 6 | I worry a great deal |
| WorryFuture | 1 | I do not worry at all |
| 6 | I worry a great deal |
| Sex | 1 | Male |
| 2 | Female |
| 3 | Other |
| FeelStats | 1 | It gives me nightmares! |
| 6 | I love it! |
| WorryViolence | 1 | I do not worry at all |
| 6 | I worry a great deal |
| FeelStats2 | 1 | It gives me nightmares! |
| 6 | I love it! |
| RaceEthn | 1 | White |
| 2 | Black‎/African-American |
| 3 | Asian‎/Pacific Islander |
| 4 | Hispanic‎/Latino |
| 5 | Other |
| EnjoyExer | 1 | Do not enjoy at all |
| 6 | Enjoy very much |
| SmokeStatus | 1 | Current Smoker |
| 2 | Never smoked |
| 3 | Former smoker |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable Information (Data Dictionary)** | | | | | | | | | | |
| Variable | Position | Label | | Measurement Level | Column Width | Alignment | Print Format | Write Format | Missing Values | |
| ID | 1 | | Respondent ID# | Nominal | 12 | Right | F4 | F4 | |  |
| ExpIncome | 2 | | Expected annual income first year after graduation | Scale | 8 | Right | DOLLAR10 | DOLLAR10 | |  |
| ExpYrsGrad | 3 | | Expected years before graduate | Scale | 8 | Right | F2 | F2 | | 999 |
| EqDrill | 4 | | Ever practiced an earthquake drill? | Nominal | 8 | Right | F1 | F1 | |  |
| HelpAdvisor | 5 | | How helpful have academic advisors been thus far? | Ordinal | 8 | Right | F1 | F1 | |  |
| Height | 6 | | Height (Inches) | Scale | 8 | Right | F2 | F2 | |  |
| Weight | 7 | | Weight (Pounds) | Scale | 8 | Right | F3 | F3 | |  |
| WorryGrades | 8 | | How much worry about GRADES? | Scale | 8 | Right | F1 | F1 | |  |
| WorryMoney | 9 | | How much worry about MONEY? | Scale | 8 | Right | F1 | F1 | |  |
| WorryHealth | 10 | | How much worry about your HEALTH? | Scale | 8 | Right | F1 | F1 | |  |
| WorryFamily | 11 | | How much worry about FAMILY? | Scale | 8 | Right | F1 | F1 | |  |
| WorryFuture | 12 | | How much worry about the FUTURE? | Scale | 8 | Right | F1 | F1 | |  |
| Sex | 13 | | Respondent Sex | Nominal | 8 | Right | F1 | F1 | |  |
| FeelStats | 14 | | Feelings about statistics (Week 1) | Scale | 8 | Right | F1 | F1 | |  |
| WorryViolence | 15 | | How much worry about VIOLENCE? | Scale | 8 | Right | F1 | F1 | |  |
| FeelStats2 | 16 | | Feelings about statistics (Week 15) | Scale | 8 | Right | F1 | F1 | |  |
| DrinksAlc | 17 | | # Alcoholic drinks per week | Scale | 8 | Right | F3 | F3 | |  |
| RaceEthn | 18 | | Race‎/Ethnicity | Nominal | 10 | Right | F1 | F1 | |  |
| EnjoyExer | 19 | | How much do you enjoy exercising? | Scale | 8 | Right | F1 | F1 | |  |
| HoursExer | 20 | | # Hours spent exercising per week | Scale | 8 | Right | F3 | F3 | |  |
| HoursSleep | 21 | | # Hours spent sleeping per week | Scale | 8 | Right | F3 | F3 | |  |
| SmokeStatus | 22 | | Smoking status | Nominal | 8 | Right | F1 | F1 | |  |

1. Data were generated for instruction purposes. [↑](#footnote-ref-1)