

2.5 SOC The scores of 15 respondents on four variables are as reported next. These scores were taken from a public opinion survey called the General Social Survey, or the GSS. This data set is used for the computer exercises in this text. Small subsamples from the GSS will be used throughout the text to provide "real" data for problems. For the actual

questions and other details, see Appendix G. The numerical codes for the variables are as follows:

| Sex | Support for Gun Control | Level of Education | Age |
|--------|----------------------------|-----------------------|-----------------|
| Male | 1 = In favor | 0 = Less than HS | Actual years |
| Female | 2 = Opposed | 1 = HS | |
| | | 2 = Jr. college | |
| | | 3 = Bachelor's | |
| | | 4 = Graduate | |

| Case Number | Sex | Support for Gun Control | Level of Education | Age |
|----------------|-----|----------------------------|-----------------------|-----|
| 1 | 2 | 1 | 1 | 45 |
| 2 | 1 | 2 | 1 | 48 |
| 3 | 2 | 1 | 3 | 55 |
| 4 | 1 | 1 | 2 | 32 |
| 5 | 2 | 1 | 3 | 33 |
| 6 | 1 | 1 | 1 | 28 |
| 7 | 2 | 2 | 0 | 77 |
| 8 | 1 | 1 | 1 | 50 |
| 9 | 1 | 2 | 0 | 43 |
| 10 | 2 | 1 | 1 | 48 |
| 11 | 1 | 1 | 4 | 33 |
| 12 | 1 | 1 | 4 | 35 |
| 13 | 1 | 1 | 0 | 39 |
| 14 | 2 | 1 | 1 | 25 |
| 15 | 1 | 1 | 1 | 23 |

- Construct a frequency distribution for each variable. Include a column for percentages.
- Construct pie and bar charts to display the distributions of sex, support for gun control, and level of education.