

**Statistics****Section: Data management****Exercises**

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## 0 Import data into SPSS

### 0.1 Import data from "Titanic\_learn.xls" into SPSS

#### Description:

The list includes the names of all 1,310 Passengers (not including crew) known to be aboard the Titanic on April 14, 1912.<sup>1</sup>

Two children were under one year of age:

1. Dean, Miss Elizabeth Gladys, "better known as Millvina, was born on 2 February 1912. She was the daughter of Bertram Frank Dean and Georgette Eva Light Dean. In April, 1912 she was only nine-weeks-old and was, with her parents and elder-brother Bertram, about to emigrate to Wichita, Kansas where her father hoped to open a tobacconist shop."
2. "Goodwin, Sidney Leslie was born on 9th September 1910. He boarded the Titanic with his parents, Frederick, and Augusta and siblings Lillian, 16; Charles, 14; William, 11; Jessie, 10; and Harold, 9. The entire family was lost in the sinking."

#### Exercise

- Import data into SPSS
- Choose suitable measures (scale/ordinal/nominal) to all variables
- Use the shortened codebook below to label variables and values
- Define correct missing data
- Generate a codebook of your result via "Display Data Info"
- Paste the description above and your generated codebook into the Data File Comment<sup>2</sup>
- Save this original file under a suitable name into a suitable directory like (See **Appendix: File Structure**). You should never touch it again. This is your original file. Work only with copies.

#### Variable Information

| Variable | Position | Label            | Measurement Level     |
|----------|----------|------------------|-----------------------|
|          |          |                  | Nominal/Ordinal/Scale |
| name     | 1        | Name             |                       |
| class    | 2        | Class            |                       |
| sex      | 3        | Sex              |                       |
| way      | 4        | Way of traveling |                       |
| age      | 5        | Age              |                       |
| status   | 6        | Status           |                       |

#### Variable Values

| Variable | Value | Label    |
|----------|-------|----------|
| class    | 1     | 1. Class |
|          | 2     | 2. Class |
|          | 3     | 3. Class |
| sex      | 1     | male     |
|          | 2     | female   |
| way      | 1     | single   |
|          | 2     | group    |
| status   | 1     | survived |
|          | 2     | died     |

<sup>1</sup> slightly modified and translated from: Bühl A (2006) SPSS 14, Pearson, München  
also see <http://www.encyclopedia-titanica.org/>

<sup>2</sup> Hint: this is a little bit tricky, you have to use MS-WORD as an intermediate reformatter.

## 0.2 Human development report 1999 (HDR) "HDR99\_learn.xls" into SPSS

### Description:

The data set contains some of the variables of the Human development report which is released annually from UNDP<sup>3</sup>.

Some argue that data show that high divorce rates caused high suicide rates in male.

### Exercise

- Import data into SPSS
- Choose suitable measures (scale/ordinal/nominal) to all variables
- Use the shortened codebook below to label variables and values
- Define correct missing data (if any)
- Generate a codebook of your result via "Display Data Info"
- Paste the description above and your generated codebook into the Data File Comment
- Save this original file under a suitable name into a suitable directory like (See **Appendix: File Structure**). You should never touch it again. This is your original file. Work only with copies
- Discuss the above argument

### Variable Information

| Variable | Position | Label  | Measurement Level<br>Nominal/Ordinal/Scale |
|----------|----------|--|--|
| country  | 1        | Country  |  |
| life97   | 2        | Life expectancy at birth 1997                                  |  |
| lit97    | 3        | Adult literacy rate 1997                                       |  |
| cfste97  | 4        | Combined first-sec. and third level gross enrolment ratio 1997 |  |
| gdp97    | 5        | Real GDP per capita (PPP\$) 1997                               |  |
| hdi97    | 6        | Human development index 1997                                   |  |
| hdirg97  | 7        | HDI-rank   |  |
| indust   | 8        | Industrialized countries Eastern Europe and the CIS(*)         |  |
| lifefem  | 9        | Female: Life expectancy at birth 1997                          |  |
| lifemale | 10       | Male: Life expectancy at birth 1997                            |  |
| suimale  | 11       | Male: Suicides per 100,000 1990-95                             |  |
| suifem   | 12       | Female: Suicides per 100,000 1990-95                           |  |
| divorces | 13       | Divorces as % of marriages 1996                                |  |
| unemplra | 14       | Total unemployment rate (%) 1997                               |  |
| Ingunfem | 15       | Female: Incidence of long term unemployment (% of total)       |  |
| Ingunmal | 16       | Male: Incidence of long term unemployment (% of total)         |  |
| sthdi    | 17       | Stadium of Human Development                                   |  |

(\*) CIS=Commonwealth of Independent States, a modern-day political entity consisting of 11 former Soviet Union Republics

### Variable Values

| Value    | Label                    |
|----------|--------------------------|
| indust 0 | No                       |
| 1        | yes                      |
| sthdi 1  | High human development   |
| 2        | Medium human development |
| 3        | Low human development    |

<sup>3</sup> Source: Human development report 1999 (UNDP, 1999)

### 0.3 “Grade Point Average” survey (GPA)<sup>4</sup> (GPA.xls) (STATA or SPSS)

Data are from a “Grade Point Average” survey which took all 78 seventh-grade students in a rural Midwestern school.

Some argue that data show a relationship between the students "self concept" and their academic performance.

id : Identification of students (11 students dropped out)  
gpa : **g**rade **p**oint **a**verage  
iq : Score on a standard IQ test  
gender : 1 = Female 2=Male  
concept: Self-concept test score (Piers-Harris Children's Self-Concept test)

Population center values (IQ=100; Self-Concept=60)  
gender, gpa and iq were taken from school records.

#### Exercise

- Import data from the GPA.xls into SPSS or STATA
- Choose suitable measures (scale/ordinal/nominal) to all variables (SPSS)
- Define correct missing data
- Generate a codebook of your result via "Display Data Info"
- Paste the description above and your generated codebook into the Data File Comment
- Consider statistical descriptive and or inferential procedures
- Discuss the result

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<sup>4</sup> Moore (2006), p.39 (Data provided by Darlene Gordon, Purdue University)

#### 0.4 "High School and Beyond" survey (HSB)<sup>5</sup> (HSB\_learn.xls) (STATA or SPSS)

Data are a random sample from the " High School and Beyond " survey conducted 1980 in the USA  
Principal Investigator: National Center for Education Statistics this data collection contains information from the first wave of the longitudinal study of American youth conducted by the National Opinion Research Center on behalf of the National Center for Education Statistics (NCES).

Data were collected from 58,270 high school students (28,240 seniors and 30,030 sophomores) and 1,015 secondary schools in the spring of 1980.

Data here contain just a few variables:

| Variable | Label                |
|----------|----------------------|
| id       |                      |
| female   |                      |
| race     |                      |
| ses      | Socioeconomic status |
| schtyp   | type of school       |
| prog     | type of program      |
| read     | reading score        |
| write    | writing score        |
| math     | math score           |
| science  | science score        |
| socst    | social studies score |

| Variable | Value | Label        |
|----------|-------|--------------|
| female   |       | male         |
|          | 1     | female       |
|          |       |              |
| race     | 1     | hispanic     |
|          | 2     | asian        |
|          | 3     | african-amer |
|          | 4     | white        |
|          |       |              |
| ses      | 1     | low          |
|          | 2     | middle       |
|          | 3     | high         |
|          |       |              |
| schtyp   | 1     | public       |
|          | 2     | private      |
|          |       |              |
| prog     | 1     | general      |
|          | 2     | academic     |
|          | 3     | vocation     |

#### Socio-Economic Status (SES)

##### "Definition

The socio-economic status is characterized by the economic, social and physical environments in which individuals live and work, as well as demographic and genetic factors. Measures for SES may include: Income or Income Adequacy, Education, Occupation, or Employment.

...

Social scientists have shown continued interest in SES even though there has never been complete consensus on precisely what it represents (Liberatos et al. 1988, McLoyd 1997)."

Robert H. Bradley , Robert F. Corwyn, Annual Review of Psychology, 2002

<sup>5</sup> Data source: Philip B. Ender < <http://www.gseis.ucla.edu/courses/ed230bc1/stata.htm> >

## 0.5 Import data from the General Social Survey (GSS93\_learn.xls) into SPSS

### Description:

The GSS has been ongoing since 1972.

Year by year, careful multi-stage sampling has produced a representative sample of around 1,500 English-speaking people over the age of 17 ( $\geq 18$ ) within the continental United States.

The GSS consists of more than 1,000 questions.

### Exercise

- Import data from the General Social Survey (GSS93.xls) into SPSS
- Choose suitable measures (scale/ordinal/nominal) to all variables
- Use the shortened codebook in **Appendix: GSS93** to label variables and values
- Define correct missing data
- Generate a codebook of your result via "Display Data Info"
- Paste the description above and your generated codebook into the Data File Comment
- Save this original file under a suitable name into a suitable directory like (See **Appendix: File Structure**). You should never touch it again. This is your original file. Work only with copies.

Hint:

Use copy and paste to transfer value labels from one variable to another

See **Appendix: Example for a code book**

how a appropriate description of your own codebook could look like

See <http://webapp.icpsr.umich.edu/GSS/>  
about coding instructions and other important topics

**Appendix: shortened Codebook for GSS93<sup>6</sup>****Variable Information**

| Variable | Position | Label                                    | Measurement Level<br>Nominal/Ordinal/Scale | Missing Values |
|----------|----------|--|--|----------------|
| id       | 1        | Respondent ID Number                     |  |                |
| wrkstat  | 2        | Labor Force Status                       |  | 0, 9           |
| marital  | 3        | Marital Status                           |  | 9              |
| agedwed  | 4        | Age When First Married                   |  | 0, 98, 99      |
| sibs     | 5        | Number of Brothers and Sisters           |  | 98, 99         |
| childs   | 6        | Number of Children                       |  | 9              |
| age      | 7        | Age of Respondent                        |  | 0, 98, 99      |
| birthmo  | 8        | Month in Which R Was Born                |  | 0, 98, 99      |
| zodiac   | 9        | Respondents Astrological Sign            |  | 0, 98, 99      |
| educ     | 10       | Highest Year of School Completed         |  | 97, 98, 99     |
| degree   | 11       | RS Highest Degree                        |  | 7, 8, 9        |
| padeg    | 12       | Father's Highest Degree                  |  | 7, 8, 9        |
| madeg    | 13       | Mother's Highest Degree                  |  | 7, 8, 9        |
| sex      | 14       | Respondent's Sex                         |  |                |
| race     | 15       | Race of Respondent                       |  |                |
| income91 | 16       | Total Family Income                      |  | 0, 98, 99      |
| rincom91 | 17       | Respondent's Income                      |  | 0, 98, 99      |
| region   | 18       | Region of Interview                      |  | 0              |
| xnorcsiz | 19       | Expanded N.O.R.C. Size Code              |  | 0              |
| size     | 20       | Size of Place in 1000s                   |  | -1             |
| partyid  | 21       | Political Party Affiliation              |  | 8, 9           |
| vote92   | 22       | Voting in 1992 Election                  |  | 0, 8, 9        |
| polviews | 23       | Think of Self as Liberal or Conservative |  | 0, 8, 9        |
| cappun   | 24       | Favor or Oppose Death Penalty for Murder |  | 0, 8, 9        |
| gunlaw   | 25       | Favor or Oppose Gun Permits              |  | 0, 8, 9        |
| grass    | 26       | Should Marijuana Be Made Legal           |  | 0, 8, 9        |
| relig    | 27       | Religious Preference                     |  | 8, 9           |
| life     | 28       | Is Life Exciting or Dull                 |  | 0, 8, 9        |
| chldidel | 29       | Ideal Number of Children                 |  | *, 9           |
| pillok   | 30       | Birth Control to Teenagers 14-16         |  | 0, 8, 9        |
| sexeduc  | 31       | Sex Education in Public Schools          |  | 0, 8, 9        |
| spanking | 32       | Favor Spanking to Discipline Child       |  | 0, 8, 9        |
| letdie1  | 33       | Allow Incurable Patients to Die          |  | 0, 8, 9        |
| news     | 34       | How Often Does R Read Newspaper          |  | 0, 8, 9        |
| tvhours  | 35       | Hours Per Day Watching TV                |  | -1, 98, 99     |
| bigband  | 36       | Bigband Music                            |  | 0, 8, 9        |
| blugrass | 37       | Bluegrass Music                          |  | 0, 8, 9        |
| country  | 38       | Country Western Music                    |  | 0, 8, 9        |
| blues    | 39       | Blues or R & B Music                     |  | 0, 8, 9        |
| musicals | 40       | Broadway Musicals                        |  | 0, 8, 9        |
| classicl | 41       | Classical Music                          |  | 0, 8, 9        |
| folk     | 42       | Folk Music                               |  | 0, 8, 9        |
| jazz     | 43       | Jazz Music                               |  | 0, 8, 9        |
| opera    | 44       | Opera                                    |  | 0, 8, 9        |
| rap      | 45       | Rap Music                                |  | 0, 8, 9        |
| hvmetal  | 46       | Heavy Metal Music                        |  | 0, 8, 9        |
| attsprts | 47       | Attended Sports Event in Last Yr         |  | 0, 8, 9        |
| visitart | 48       | Visited Art Museum or Gallery in Last Yr |  | 0, 8, 9        |
| tvshows  | 49       | How Often R Watches TV Drama or Sitcoms  |  | 0, 8, 9        |
| tvnews   | 50       | How Often R Watches TV News              |  | 0, 8, 9        |
| tvpbs    | 51       | How Often R Watches Public TV Shows      |  | 0, 8, 9        |
| scitest4 | 52       | Humans Evolved From Animals              |  | 0, 8, 9        |
| partners | 53       | How Many Sex Partners R Had in Last Year |  | -1, 98, 99     |
| sexfreq  | 54       | Frequency of Sex During Last Year        |  | *, 8, 9        |
| dwelown  | 55       | Homeowner or Renter                      |  | 0, 8, 9        |
| sei      | 56       | Respondent Socioeconomic Index           |  | ., 99.8, 99.9  |
| cohort   | 57       | Year of Birth                            |  | 0, 9999        |
| income4  | 58       | Total Family Income                      |  |                |
| degree2  | 59       | College Degree                           |  | 7, 8, 9        |
| agecat4  | 60       | Age Categories                           |  |                |
| politics | 61       | Political Outlook                        |  |                |
| region4  | 62       | Region                                   |  |                |
| married  | 63       | Married ?                                |  |                |

Variables in the working file

<sup>6</sup> Data: slightly relabeled from SPSS 13's data set GSS93.sav which is a subset of 1,500 observations from the GSS in 1993

| Value             |                   | Label             |
|-------------------|-------------------|-------------------|
| wrkstat           | 0 <sup>(a)</sup>  | NAP               |
|                   | 1                 | Working fulltime  |
|                   | 2                 | Working part-time |
|                   | 3                 | Temp not working  |
|                   | 4                 | Unempl., laid off |
|                   | 5                 | Retired           |
|                   | 6                 | School            |
|                   | 7                 | Keeping house     |
|                   | 8 <sup>(a)</sup>  | Other             |
| 9 <sup>(a)</sup>  | NA                |                   |
| marital           | 1                 | married           |
|                   | 2                 | widowed           |
|                   | 3                 | divorced          |
|                   | 4                 | separated         |
|                   | 5                 | never married     |
| 9 <sup>(a)</sup>  | NA                |                   |
| agedwed           | 0 <sup>(a)</sup>  | nap               |
|                   | 98 <sup>(a)</sup> | dk                |
|                   | 99 <sup>(a)</sup> | na                |
| sibs              | 98 <sup>(a)</sup> | dk                |
|                   | 99 <sup>(a)</sup> | na                |
| childs            | 8                 | Eight or More     |
|                   | 9 <sup>(a)</sup>  | NA                |
| age               | 98 <sup>(a)</sup> | DK                |
|                   | 99 <sup>(a)</sup> | NA                |
| birthmo           | 0 <sup>(a)</sup>  | NAP               |
|                   | 1                 | January           |
|                   | 2                 | February          |
|                   | 3                 | March             |
|                   | 4                 | April             |
|                   | 5                 | May               |
|                   | 6                 | June              |
|                   | 7                 | July              |
|                   | 8                 | August            |
|                   | 9                 | September         |
|                   | 10                | October           |
|                   | 11                | November          |
|                   | 12                | December          |
| 98 <sup>(a)</sup> | DK                |                   |
| 99 <sup>(a)</sup> | NA                |                   |
| zodiac            | 0 <sup>(a)</sup>  | NAP               |
|                   | 1                 | Aries             |
|                   | 2                 | Taurus            |
|                   | 3                 | Gemini            |
|                   | 4                 | Cancer            |
|                   | 5                 | Leo               |
|                   | 6                 | Virgo             |
|                   | 7                 | Libra             |
|                   | 8                 | Scorpio           |
|                   | 9                 | Sagittarius       |
|                   | 10                | Capricorn         |
|                   | 11                | Aquarius          |
|                   | 12                | Pisces            |
| 98 <sup>(a)</sup> | DK                |                   |
| 99 <sup>(a)</sup> | NA                |                   |
| educ              | 97 <sup>(a)</sup> | NAP               |
|                   | 98 <sup>(a)</sup> | DK                |
|                   | 99 <sup>(a)</sup> | NA                |
| degree            | 0                 | Less than HS      |
|                   | 1                 | High school       |
|                   | 2                 | Junior college    |
|                   | 3                 | Bachelor          |
|                   | 4                 | Graduate          |
|                   | 7 <sup>(a)</sup>  | NAP               |
|                   | 8 <sup>(a)</sup>  | DK                |
| 9 <sup>(a)</sup>  | NA                |                   |
| padeg             | 0                 | LT High School    |
|                   | 1                 | High School       |
|                   | 2                 | Junior College    |
|                   | 3                 | Bachelor          |
|                   | 4                 | Graduate          |
|                   | 7 <sup>(a)</sup>  | NAP               |
|                   | 8 <sup>(a)</sup>  | DK                |
| 9 <sup>(a)</sup>  | NA                |                   |

| Value             |                  | Label            |
|-------------------|------------------|------------------|
| madeg             | 0                | LT High School   |
|                   | 1                | High School      |
|                   | 2                | Junior College   |
|                   | 3                | Bachelor         |
|                   | 4                | Graduate         |
|                   | 7 <sup>(a)</sup> | NAP              |
|                   | 8 <sup>(a)</sup> | DK               |
|                   | 9 <sup>(a)</sup> | NA               |
|                   | sex              | 1                |
| 2                 |                  | Female           |
| race              | 1                | white            |
|                   | 2                | black            |
|                   | 3                | other            |
| income91          | 0 <sup>(a)</sup> | NAP              |
|                   | 1                | LT \$1000        |
|                   | 2                | \$1000-2999      |
|                   | 3                | \$3000-3999      |
|                   | 4                | \$4000-4999      |
|                   | 5                | \$5000-5999      |
|                   | 6                | \$6000-6999      |
|                   | 7                | \$7000-7999      |
|                   | 8                | \$8000-9999      |
|                   | 9                | \$10000-12499    |
|                   | 10               | \$12500-14999    |
|                   | 11               | \$15000-17499    |
|                   | 12               | \$17500-19999    |
|                   | 13               | \$20000-22499    |
|                   | 14               | \$22500-24999    |
|                   | 15               | \$25000-29999    |
|                   | 16               | \$30000-34999    |
|                   | 17               | \$35000-39999    |
|                   | 18               | \$40000-49999    |
| 19                | \$50000-59999    |                  |
| 20                | \$60000-74999    |                  |
| 21                | \$75000+         |                  |
| 22                | Refused          |                  |
| 98 <sup>(a)</sup> | DK               |                  |
| 99 <sup>(a)</sup> | NA               |                  |
| rincom91          | 0 <sup>(a)</sup> | NAP              |
|                   | 1                | LT \$1000        |
|                   | 2                | \$1000-2999      |
|                   | 3                | \$3000-3999      |
|                   | 4                | \$4000-4999      |
|                   | 5                | \$5000-5999      |
|                   | 6                | \$6000-6999      |
|                   | 7                | \$7000-7999      |
|                   | 8                | \$8000-9999      |
|                   | 9                | \$10000-12499    |
|                   | 10               | \$12500-14999    |
|                   | 11               | \$15000-17499    |
|                   | 12               | \$17500-19999    |
|                   | 13               | \$20000-22499    |
|                   | 14               | \$22500-24999    |
|                   | 15               | \$25000-29999    |
|                   | 16               | \$30000-34999    |
|                   | 17               | \$35000-39999    |
|                   | 18               | \$40000-49999    |
| 19                | \$50000-59999    |                  |
| 20                | \$60000-74999    |                  |
| 21                | \$75000+         |                  |
| 22                | Refused          |                  |
| 98 <sup>(a)</sup> | DK               |                  |
| 99 <sup>(a)</sup> | NA               |                  |
| region            | 0 <sup>(a)</sup> | Not Assigned     |
|                   | 1                | New England      |
|                   | 2                | Middle Atlantic  |
|                   | 3                | E. Nor Central   |
|                   | 4                | W. Nor Central   |
|                   | 5                | South Atlantic   |
|                   | 6                | E. South Central |
|                   | 7                | W. South Central |
|                   | 8                | Mountain         |
| 9                 | Pacific          |                  |

(a) missing value

NAP stands for "Not applicable"

DK stands for "Don't Know"

NA is for "Not Answered"



## Appendix: File structure

Let's say today is November 30, 2006.

Last time when you modified your data was November 28, 2006

So you

1. create a new directory 20061130
2. copy the data file GSS93\_20061128.sav from 20061128 to 20061130
3. rename the copied data file to GSS93\_20061130.sav and start working

Your work directory structure on November 30, 2006 might look like this:



After finishing your work you save your work into a zip file GSS93\_20061130.zip

Backup data regularly.

**Appendix: Example for a codebook****Code book**

<http://www.owl.net.rice.edu/~poli502/Codebook.txt>

The following codebook lists all variables included in both data files. Each variable is listed with an abbreviated variable name (in capital letters), the exact wording of the question used in the GSS survey, and the response categories with their corresponding codes. Both the variable names and the codes for each response category are included in the SPSS data files.

**ABANY**

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?

|   |                |
|---|----------------|
| 1 | Yes            |
| 2 | No             |
| 8 | Don't know     |
| 9 | No answer      |
| 0 | Not applicable |

**EDUC**

Respondent's education

|    |                     |
|----|---------------------|
| 00 | No formal schooling |
| 01 | 1st grade           |
| 02 | 2nd grade           |
| 03 | 3rd grade           |
| 04 | 4th grade           |
| 05 | 5th grade           |
| 06 | 6th grade           |
| 07 | 7th grade           |
| 08 | 8th grade           |
| 09 | 9th grade           |
| 10 | 10th grade          |
| 11 | 11th grade          |
| 12 | 12th grade          |
| 13 | 1 year in college   |
| 14 | 2 years             |
| 15 | 3 years             |
| 16 | 4 years             |
| 17 | 5 years             |
| 18 | 6 years             |
| 19 | 7 years             |
| 20 | 8 years             |
| 98 | Don't know          |
| 99 | No answer           |

...

**EQWLTH**

Some people think that the government in Washington ought to reduce the income differences between the rich and the poor, perhaps by raising the taxes of wealthy families or by giving income assistance to the poor. Others think the government should not concern itself with reducing this income difference between the rich and the poor. What score between 1 and 7 comes closest to the way you feel?

|   |  |
|---|--|
| 1 | Government should do something to reduce income differences between rich and poor. |
| 7 | Government should not concern itself with income differences.                      |
| 8 | Don't know   |
| 9 | No answer  |
| 0 | Not applicable   |

...

HRS1

If working full or part time, how many hours did you work last week, at all jobs?

|   |                                       |
|---|---------------------------------------|
| 0 | 0-9 hours                             |
| 1 | 10-19 hours                           |
| 2 | 20-29 hours                           |
| 3 | 30-39 hours                           |
| 4 | 40-49 hours                           |
| 5 | 50-59 hours                           |
| 6 | 60-69 hours                           |
| 7 | 70-79 hours                           |
| 8 | 80 or more hours                      |
| 9 | No answer, Don't know, Not applicable |

...

INCOME

In which of these groups did your total family income, from all sources, fall last year before taxes, that is? Just tell me the letter.

|    |                    |
|----|--------------------|
| 01 | Under \$1,000      |
| 02 | \$ 1,000 to 2,999  |
| 03 | \$ 3,000 to 3,999  |
| 04 | \$ 4,000 to 4,999  |
| 05 | \$ 5,000 to 5,999  |
| 06 | \$ 6,000 to 6,999  |
| 07 | \$ 7,000 to 7,999  |
| 08 | \$ 8,000 to 9,999  |
| 09 | \$10,000 to 14,999 |
| 10 | \$15,000 to 19,999 |
| 11 | \$20,000 to 24,999 |
| 12 | \$25,000 or over   |
| 13 | Refused            |
| 98 | Don't know         |
| 99 | No answer          |
| 0  | Not applicable     |

...

LIBATH

There are always some people whose ideas are considered bad or dangerous by other people. For instance, somebody who is against all churches and religion . . . If some people in your community suggested that a book he wrote against churches and religion should be taken out of your public library, would you favor removing this book, or not?

|   |                |
|---|----------------|
| 1 | Favor          |
| 2 | Not favor      |
| 8 | Don't know     |
| 9 | No answer      |
| 0 | Not applicable |