```
/* Minor Chord Trio Ch.Ch.Ch Data                                          */
/*                                                                         */
/* This file contains instructions and a sample music program to create a  */
/* minor chord trio consisting of three voices playing the chords of a    */
/* minor key in the Ionian, Dorian, Phrygian, Lydian, Mixolydian, Aeolian  */
/* and Locrian modes. Chord progressions may be generated by a random     */
/* number generator or by a predefined sequence. Each voice is a minor    */
/* chord, and the chord progressions follow the circle of fifths.          */
/*                                                                         */
/* Chords are built by adding the third and fifth notes to the root note. */
/* The third note is a minor third above the root note and the fifth note  */
/* is a perfect fifth above the root note. Chord progressions are created  */
/* by using the circle of fifths. Starting with the root note, the fifth   */
/* note is added to the root note to form the next chord. The fifth note   */
/* of this chord is added to the root note to form the next chord. This    */
/* process is repeated to create a chord progression. The chord progression */
/* is created by using the circle of fifths to determine the root notes    */
/* of the chords. The chord progression is created by using the following  */
/* rules:                                                                  */
/*                                                                         */
/* The minor chord trio ch.ch.ch data consists of the following:           */
/*                                                                         */
/*-------------------------------------------------------------------------*/

MACLIB(CH3)
DCL CH3 ENTRY(*,*,*,
```

```
        1 "1 MALE"
        2 "2 FEMALE" ;

label define H1090082X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 YES"
        2 "2 NO" ;

label define H1090083X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        995 "995 NO SPOUSE IN HOUSE"
        996 "996 MARITAL STATUS UNKNOWN"
        997 "997 LESS THAN 16 YRS OLD" ;

label define H1090084X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 SPOUSE IN THE HOUSE"
        2 "2 NOT MARRIED/NO SPOUSE"
        3 "3 UNDER 16 INAPPLICABLE" ;

label define H1090085X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 NO DIFFICULTY"
        2 "2 SOME DIFFICULTY"
        3 "3 A LOT OF DIFFICULTY"
        4 "4 UNABLE TO DO" ;

label define H1090086X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 NO DIFFICULTY"
        2 "2 SOME DIFFICULTY"
        3 "3 A LOT OF DIFFICULTY"
        4 "4 COMPLETELY UNABLE TO DO IT"
        5 "5 COMPLETELY UNABLE TO WALK" ;

label define H1090087X
        -1 "-1 INAPPLICABLE"
        1 "1 YES"
        2 "2 NO" ;

label define H1090088X
        -1 "-1 INAPPLICABLE"
        1 "1 YES"
        2 "2 NO" ;

label define H1090089X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 YES"
        2 "2 NO" ;

label define H1090090X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 NO DIFFICULTY"
        2 "2 SOME DIFFICULTY"
        3 "3 A LOT OF DIFFICULTY"
        4 "4 UNABLE TO DO" ;

label define H1090091X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 YES"
        2 "2 NO" ;

label define H1090092X
        -1 "-1 INAPPLICABLE"
        -7 "-7 REFUSED"
        -8 "-8 DK"
        -9 "-9 NOT ASCERTAINED"
        1 "1 YES"
        2 "2 NO" ;

* ASSOCIATE VARIABLES WITH VALUE LABEL DEFINITIONS;
label value ACTDTY13 H1090001X;
label value ACTLIM13 H1090002X;
label value ADLHLP13 H1090003X;
label value AGE13X H1090004X;
label value AIDHLP13 H1090005X;
label value BEGRFD13 H1090006X;
label value BEGRFM13 H1090007X;
label value BEGRFY13 H1090008X;
label value BENDIF13 H1090009X;
label value COGLIM13 H1090010X;
label value DOBMM H1090011X;
label value DOBYY H1090012X;
label value EDUCYR H1090013X;
label value EMPST13 H1090014X;
label value ENDRFD13 H1090015X;
label value ENDRFM13 H1090016X;
label value ENDRFY13 H1090017X;
label value FAMSIZ13 H1090018X;
label value FNGRDF13 H1090019X;
label value FTSTD13X H1090020X;
label value HELD13X H1090021X;
label value HIDEG H1090022X;
label value HISPANX H1090023X;
label value HISPCAT H1090024X;
label value HONRDC13 H1090025X;
label value HOUR13 H1090026X;
label value HPRIDK13 H1090027X;
label value HPRIEU13 H1090028X;
label value HPRING13 H1090029X;
label value HPRIOG13 H1090030X;
label value HPRIS13 H1090031X;
label value HPRIV13 H1090032X;
label value HRWAG13X H1090033X;
label value HRWAY13 H1090034X;
label value HSELIM13 H1090035X;
label value IADLHP13 H1090036X;
label value INSCOP13 H1090037X;
label value INSRD13X H1090038X;
label value KEYNESS H1090039X;
label value LFTDIF13 H1090040X;
label value MARRY13X H1090041X;
label value MCAID13 H1090042X;
label value MCAID13X H1090043X;
label value MCARE13 H1090044X;
label value MCARE13X H1090045X;
label value MILDIF13 H1090046X;
label value MNHLTH13 H1090047X;
label value MSA13 H1090048X;
label value NUMEMP13 H1090049X;
label value OFFER13X H1090050X;
label value OTPUBA13 H1090051X;
label value OTPUBB13 H1090052X;
label value PANEL H1090053X;
label value PRIDK13 H1090054X;
label value PRIEU13 H1090055X;
label value PRING13 H1090056X;
label value PRIOG13 H1090057X;
label value PRIOUT13 H1090058X;
label value PRIS13 H1090059X;
label value PRIV13 H1090060X;
label value PROXY13 H1090061X;
label value PSTAT13 H1090062X;
label value PUB13X H1090063X;
label value RACEAX H1090064X;
label value RACEBX H1090065X;
label value RACETHNX H1090066X;
label value RACEWX H1090067X;
label value RACEX H1090068X;
label value RCHDIF13 H1090069X;
label value RDRESP13 H1090070X;
label value REGION13 H1090071X;
label value RFREL13X H1090072X;
label value RTHLTH13 H1090073X;
label value RUCLAS13 H1090074X;
label value RUENDD13 H1090075X;
label value RUENDM13 H1090076X;
label value RUENDY13 H1090077X;
label value RUSIZE13 H1090078X;
label value SCHLIM13 H1090079X;
label value SELFCM13 H1090080X;
label value SEX H1090081X;
label value SOCLIM13 H1090082X;
label value SPOUID13 H1090083X;
label value SPOUIN13 H1090084X;
label value STNDIF13 H1090085X;
label value STPDIF13 H1090086X;
label value STPRG13 H1090087X;
label value TRINW13X H1090088X;
label value UNABLE13 H1090089X;
label value WLKDIF13 H1090090X;
label value WLKLIM13 H1090091X;
label value WRKLIM13 H1090092X;

*DISPLAY A DESCRIPTION OF STATA FILE;
describe;

*LIST FIRST 20 OBSERVATIONS IN THE FILE;
list in 1/20;

save H109, replace;

#delimit cr

* data file is stored in H109.dta
* log  file is stored in H109.log

log close

/*****************************************************************************************
 NOTES:

 1. This program has been tested on Stata Version 10 (for Windows).

 2. This program will create a permanent Stata dataset.  All additional analyses
    can be run using this dataset.  In addition to the dataset, this program creates
    a log file named H109.LOG and a data file named H109.DTA.  If these files (H109.DTA and H109.LOG)
    already exist in the working directory, they will be replaced when this program is executed.

 3. If the program ends prematurely, the log file will remain open.  Before running this
    program again, the user should enter the following Stata command: log close

 4. The cd command assigns C:\MEPS\DATA as the working directory and location of the input
    ASCII and output .DTA and .LOG files and can be modified by the user as necessary.

 5. Stata commands end with a carriage return by default. The command
    #delimit ;
    temporarily changes the command ending delimiter from a carriage return to a semicolon.

 6. The infix command assumes that the input variables are numeric unless the variable name
    is prefaced by str.  For example, DUPERSID is the a string (or character) variable.

*****************************************************************************************/
```