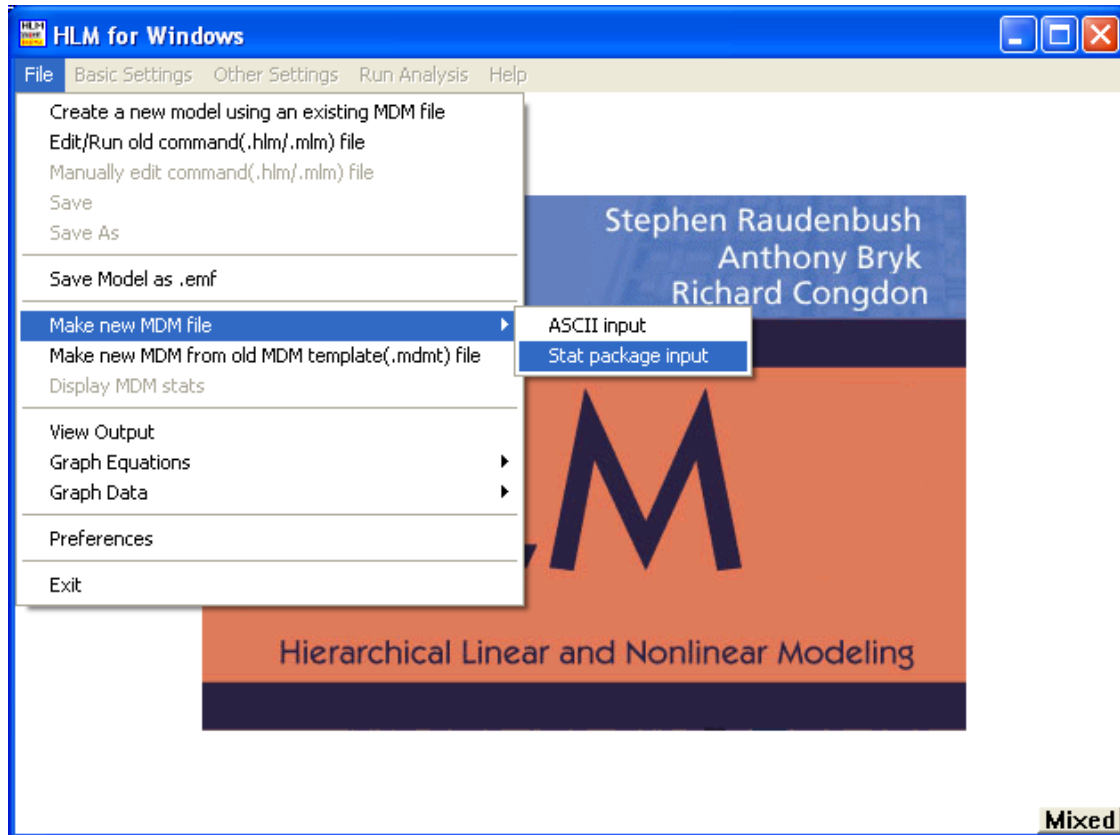
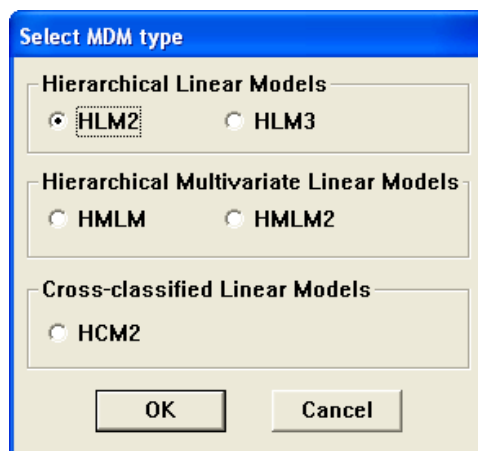


Creating a New HLM 6 MDM File for Cross-sectional Dyads

1. In the main window, go to the “File” menu.
2. Select “Make new MDM file” → “Stat package input.”



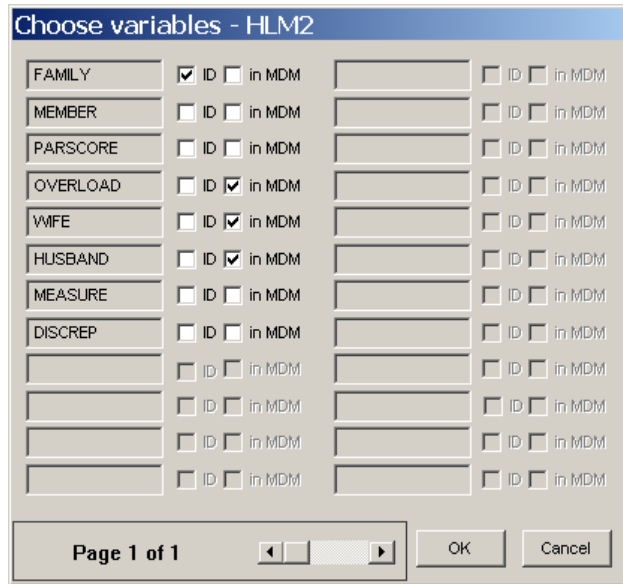
3. In the select MDM type dialog box select “HLM2” and click “OK”



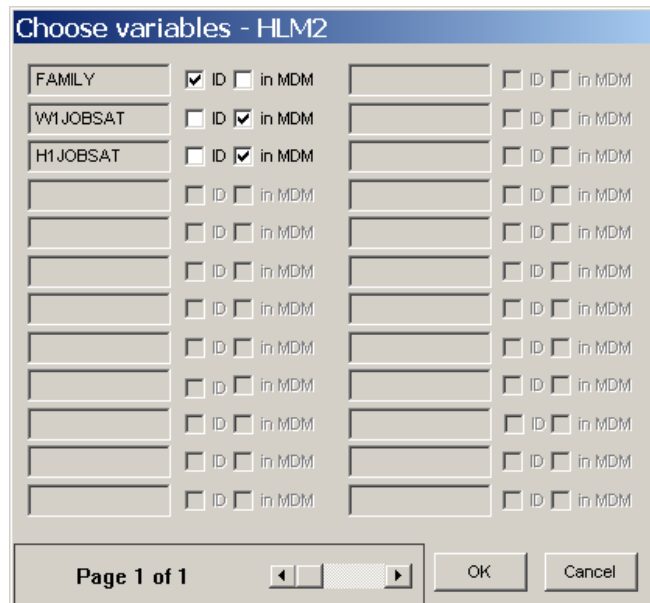
You will be presented with the “Make MDM - HLM2” dialog box, in which you need to do the following.

1. Enter the name you want your file saved as in the upper right hand corner “MDM File Name” box. Be sure to use an .mdm suffix.

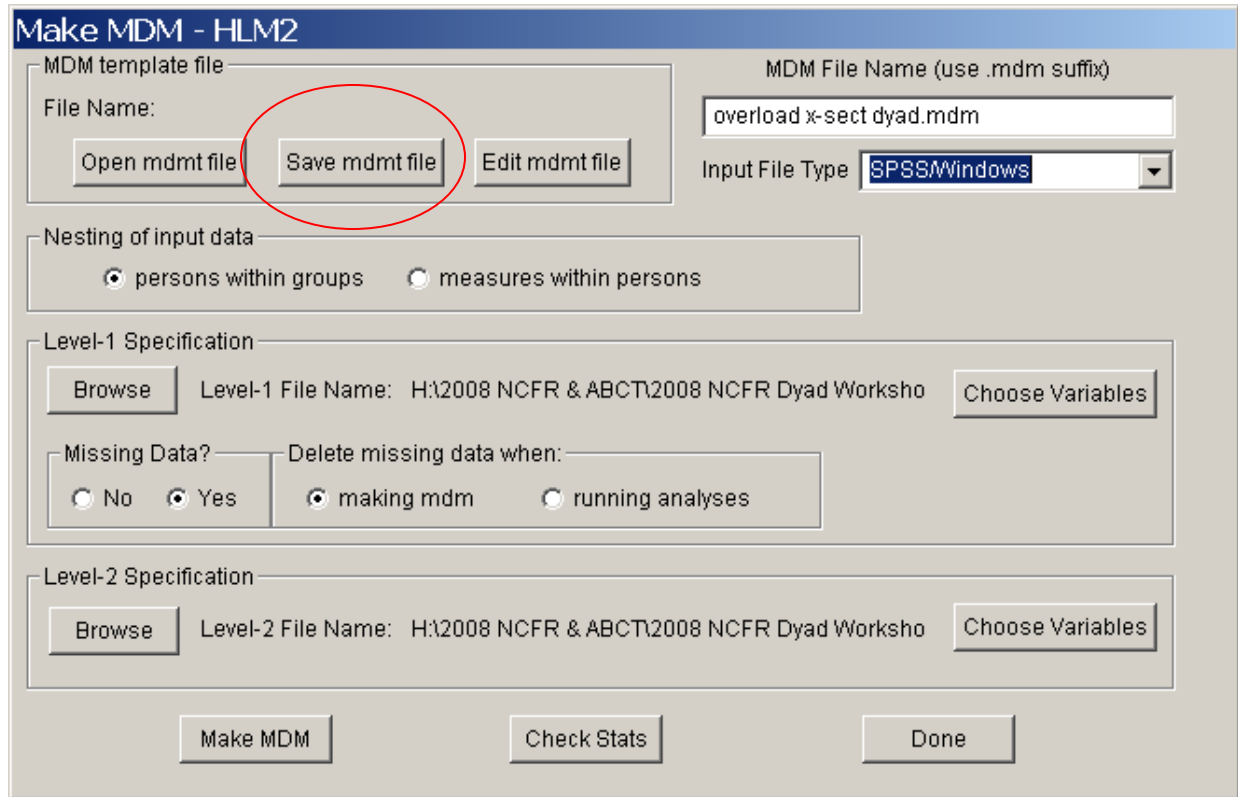
2. Select SPSS/Windows as the “Input File Type.”
3. Direct the program to the Level-1 data by clicking on the “Browse” button under “Level-1 Specification” and select the file Level-1 data file, “X-sect Dist Dyad L1.sav”
 - a. Click on “Choose Variables” to bring up the “Choose Variables” dialog box.
 - b. Indicate that “FAMILY” is the ID variable. (There can only be one ID variable, and it must be the same at Level 1 and Level 2.)
 - c. Indicate that the other variables needed for the Level- 1 model (overload, wife, husband) should be “in MDM.” The rest of the variables are simply indicator variables and are not necessary to fit the two-intercept model.



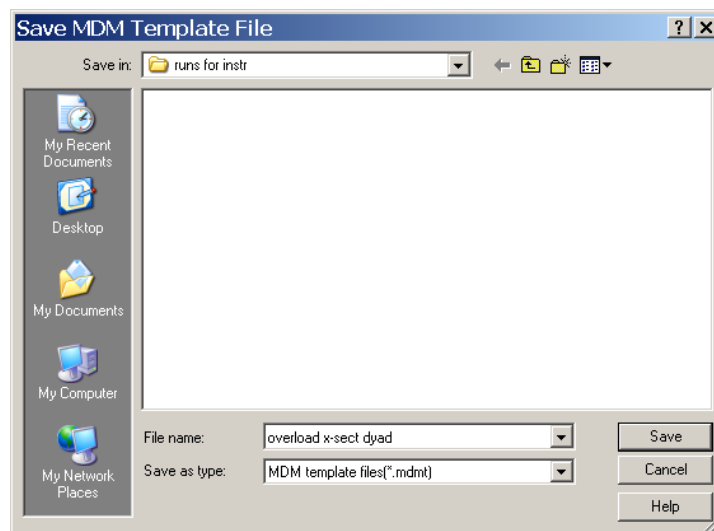
- d. Click on “OK” to return to the “Make mdm” dialog box.
4. Indicate that there is missing data and when to delete it. To match the output from the presentation, select “when making mdm.”
5. To direct the program to your Level-2 data, click on the “Browse” button for “Level-2 Specification” and select the file with your Level-2 data.
 - a. Click on “Choose Variables.”



- b. In the dialog box, select “family” as the ID variable and indicate that the predictors “w1jobsat” and “h1jobsat” should be included “in MDM.”
- c. Click on “OK” to return to the “Make mdm” dialog box.



6. Before you can make your mdm, you must go back to the top and click on “Save mdmt file and then enter the file name to which you want the mdmt file saved.

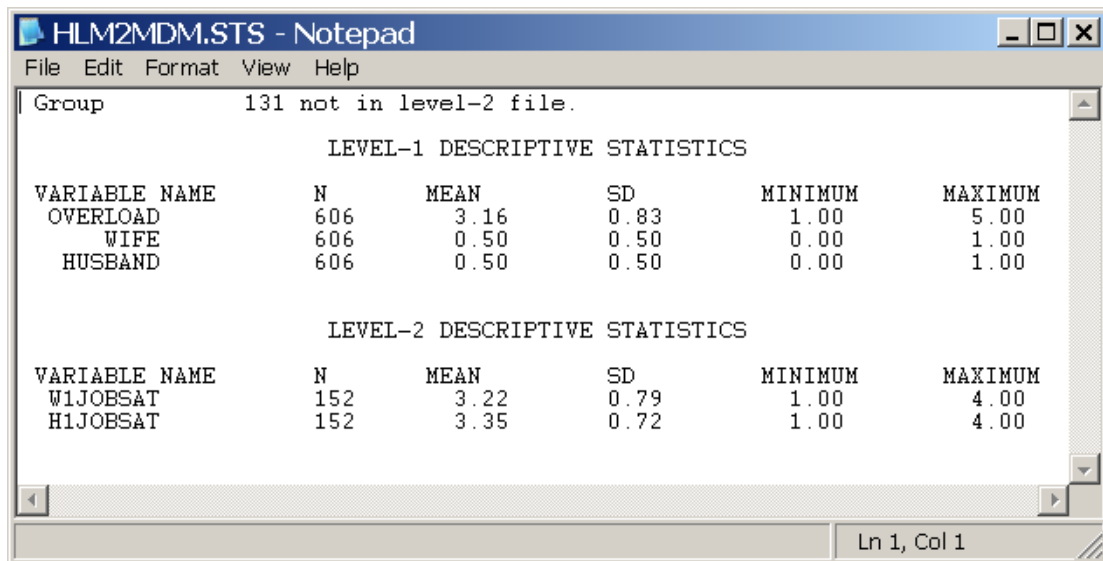


7. Now you can click on the “Make MDM” button at the bottom of the page to have HLM 6 make your .mdm file.

You will see a black box appear. Wait until it disappears before you proceed.

8. You must next select “Check Stats” to view the statistics (see image below).

It is helpful to save this as a text file, to make it easier to open later. It is important to look over the information on this page to make sure that the HLM program is reading in your data correctly.



```
HLM2MDM.STS - Notepad
File Edit Format View Help
Group          131 not in level-2 file.

                LEVEL-1 DESCRIPTIVE STATISTICS

VARIABLE NAME  N      MEAN    SD      MINIMUM  MAXIMUM
OVERLOAD      606    3.16    0.83    1.00    5.00
WIFE          606    0.50    0.50    0.00    1.00
HUSBAND       606    0.50    0.50    0.00    1.00

                LEVEL-2 DESCRIPTIVE STATISTICS

VARIABLE NAME  N      MEAN    SD      MINIMUM  MAXIMUM
W1JOBSAT      152    3.22    0.79    1.00    4.00
H1JOBSAT      152    3.35    0.72    1.00    4.00

Ln 1, Col 1
```

9. You may now click on “Done” to exit the dialog box. You are ready to start building your model! (See the handout “Building a X-sect Dyadic Model in HLM.doc”)