

## Group X has inadequate data

### Description of the problem

This message appears after the **Make SSM** button is clicked. It is listed in the DOS box that appears on the screen during the **SSM** file creation process when listwise deletion of records with missing data is requested at the **SSM** file creation stage of the analysis. The groups listed in the DOS box have insufficient data, and are not included in the **SSM** file. This is usually a function of the inclusion of a large number of variables in the data file with a large number of missing data values.

### Solution

Check the structure of the particular level-2 units listed and the distributions of the level-1 variables. If there are no valid data points for a level-2 or level-3 unit when doing simple frequencies with a listwise deletion option in a statistical package, that unit will be one of those deleted when the **SSM** file is created. It can be remedied by removing the variable(s) with the most missing data, or else imputing the missing values for these variables. A list of such units is also printed to the \*.sts file, which may be accessed using the **Check Stats** button in the **Make SSM** dialog box.