

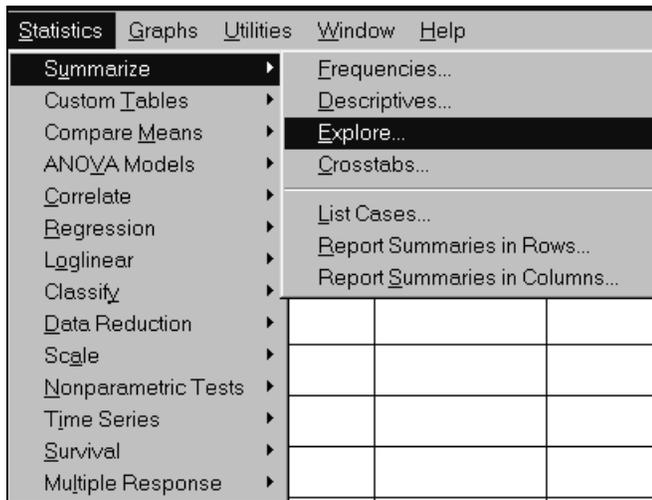
BIOLOGY AND HOMOSEXUALITY

10. Displaying and Describing the Data with SPSS

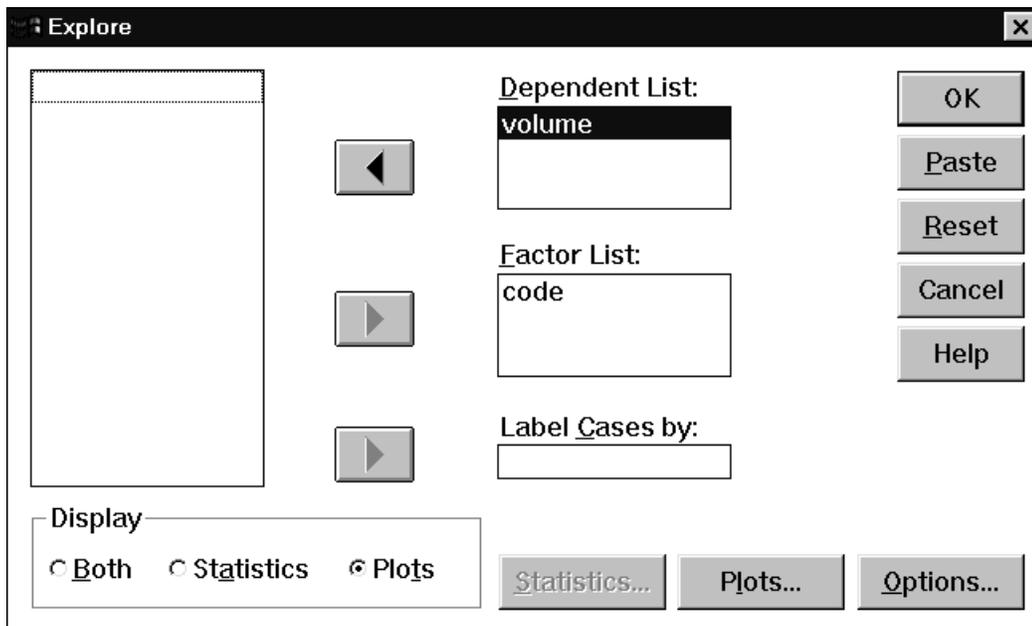
In this part, we will demonstrate how to use SPSS to produce the computer outputs we referred to in Sections 4 and 5. There are hyperlinks between the section and Sections 4 and 5 containing the statistical outputs.

Open the file *homo.sav* containing the data in the study. It consists of two columns, named *Volume* and *Code*. The column *Volume* contains the volumes of INAH3. The numbers are 1,000 times volumes in mm³. The entry in the column *Code* contains the number of the group the observation comes from.

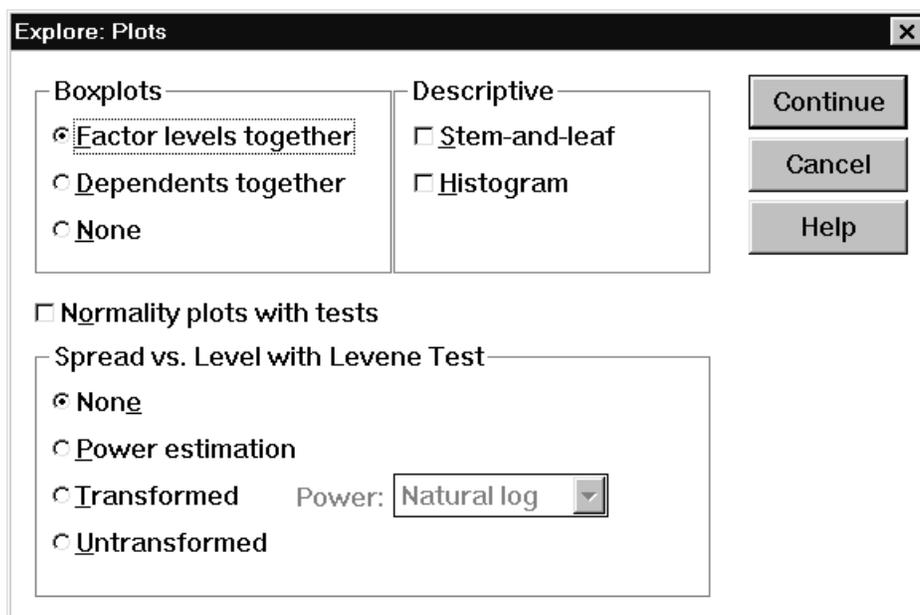
In order to obtain side-by-side boxplots of the volumes of INAH3 for the five groups, and then the summary statistics for each group, click on *Statistics* in the main menu, select *Summarize*, and then *Explore* from the pull-down menu.



Fill out the *Explore* dialog box as follows:



In order to make sure that your output will include side-by-side boxplots, click on *Plots* and check the radio button *Factor levels together*.



The summary statistics will be also displayed if you click *Both* in the *Explore* dialog box. In order to view the SPSS outputs click on the corresponding hyperlinks to **Section 4.1** and **Section 5**.