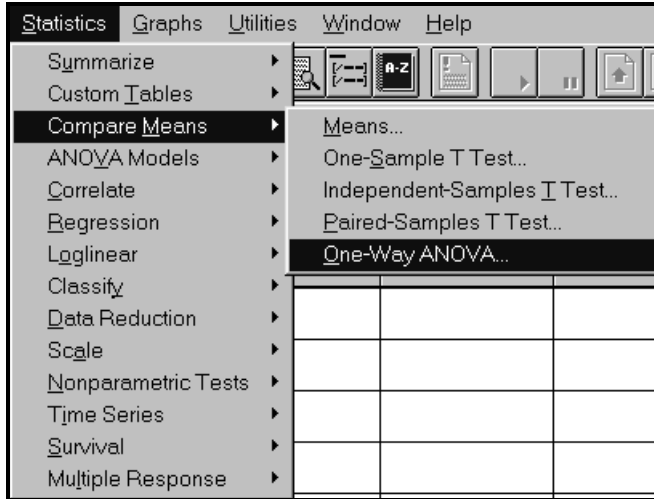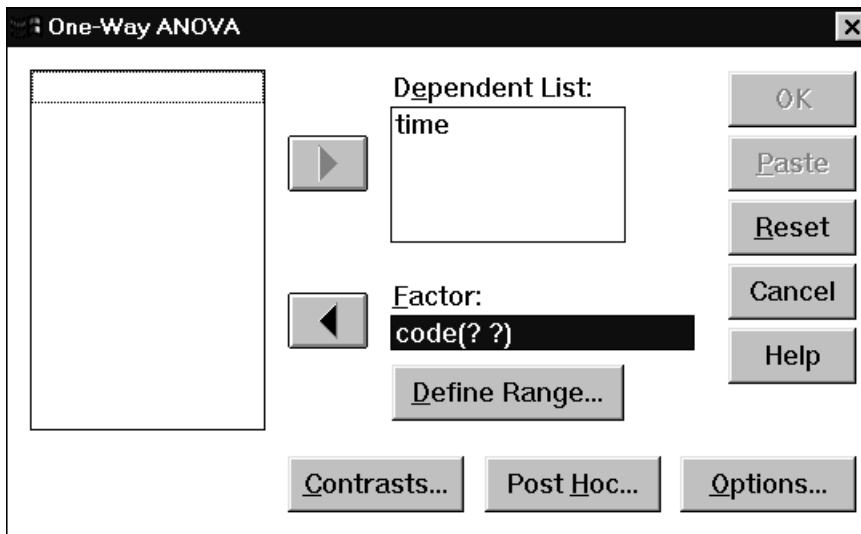# FAILURE TIMES OF BEARINGS

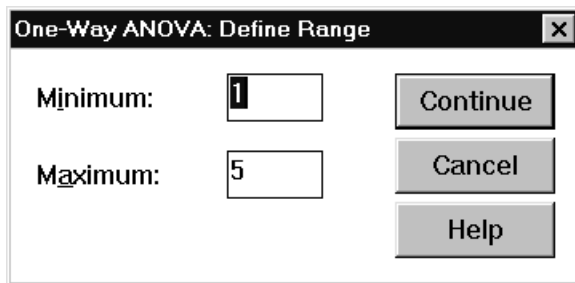## 11. The One-Way ANOVA in SPSS

To direct SPSS to perform the One-Way ANOVA, click on *Statistics* from the menu bar, and then on *Compare Means* from the pull-down menu.

Now click on One-Way ANOVA from the pull-down menu to open the One-Way ANOVA dialog box. Click on and move the *Time* variable to the Dependent List box using the upper right arrow button. Then click on and move the *Code* variable to the Factor box using the lower right arrow button.
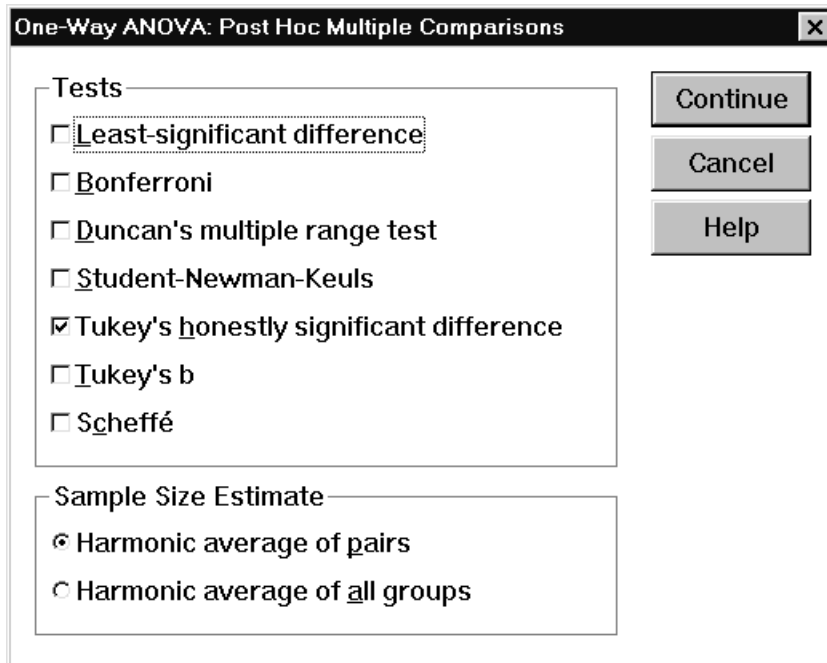

Click on the *Define Range* button to open the One-Way ANOVA: *Define Range* dialog box.

The SPSS output for ANOVA is displayed in **Section 7**.

To obtain the multiple comparisons for our poblem, click on *Post Hoc…* tab in the *One-Way Anova* dialog box. The following dialog box will be displayed:

The SPSS outputs for multiple comparisons are displayed in **Section** 11.