

2.2 TIPS FOR USING JMP

2.2.1 Printing Results from JMP

1. First make **journal** (**Edit** → **Journal**) and save it as a **windows meta file** (**.WMF**) file.
2. Next, open WORD and click **Insert** → **Picture** → **From File**. Now open the .WMF file you saved. (You might want to open the file in a separate blank document, so that you can work on it without the danger of ‘crashing’ your text document. You can then cut-and-paste the final Table into your document.)
3. Next use the mouse to resize the Table to approximately the final size desired, by putting the mouse on the upper left corner, and using **Click-and-Drag**. (It is best to do this first, in order to minimize distortions in the font sizes).
4. To change the position of the Table, be sure that the **Picture Toolbar** is active in WORD (if not, click **View** → **Toolbars** → **Picture**). Then click on the ‘Text Wrapping’ icon and select ‘Behind Text’. The dark border squares on the Table should now change to hollow squares. To move the Table, simply put the mouse anywhere in the Table and use **Click-and-Drag**.
5. To put a box around the Table, be sure that the **Drawing Toolbar** is active in Word (if not, click **View** → **Toolbars** → **Drawing**). Now click on the ‘Rectangle’ icon, and draw a rectangle around the Table. To reveal the Table again, click on the ‘Fill Color’ icon and choose the ‘No Fill’ option. Also, click on the ‘Line Style’ icon to choose a different line width for the box.
6. Finally, to add any additional text, click the ‘Text Box’ icon on the **Drawing Toolbar** and write the text. You can then drag the text anywhere on the Table (since the Table is now in ‘Behind Text’ mode).

2.2.2 Making a Random Reordering of Row Numbers

To make a new column containing a random reordering of row numbers (as in the JMN version of the **Clark-Evans Test** discussed in Part I, Section 3 of this NOTEBOOK):

1. First make a new column (**Cols** → **New Column**) and in the window that opens, label the column as, say **Rand_Rows**.
2. Right click on the column label, **Rand_Rows**, and select **formula**.
3. In the window that opens select **Random** → **Col Shuffle()**, and click **OK**.
4. You should now see a random reordering of the row numbers in that column.
5. To randomly reorder a data column, say **Data**, using these row numbers, again make a new column labeled say **Rand_Data**.
6. Now again right click on **Rand_Data** and select **formula**.
7. In the formula window, first select **Rand_Data** from the “Columns” list on the left. It should now appear in the formula window.
8. Next select **Row** from the “Functions” list and click on **Subscript**. You should now see a subscript box next to **Rand_Data** in the formula window.
9. Finally, click on **Rand_Rows** in the “Columns” list, and the formula window should appear as follows:

Rand_Data _{Rand_Rows}

Click **Apply**, and the desired random reordering of **Data** should now appear.