

Practice: Grouping and Combining Analysis Scripts

In this practice, you use the White Polymer **VSSTeamData.jmp** file to group and combine analysis scripts.

1. Group and combine analysis scripts for **Yield** and **MFI**.

- Create histograms and summary statistics for **Yield** and **MFI** and save the script for this analysis to the data table.
- Create a scatterplot for **Yield** versus **MFI** and save the script for this analysis to the data table.
- In the data table, group the scripts for these two analyses.
- When you right-click the group name and select **Run Script**, what results do you see?

When you run the script, you should see the two analyses for **Yield** and **MFI**. To group the two scripts in the data table, select the scripts, right-click, and select **Group Scripts**.

2. Save this data table as **VSSTeamData Name.jmp** (where **Name** is your name).

3. Group and combine analysis scripts for **MFI** and **Ambient Temp**.

- Create histograms and summary statistics for **MFI** and **Ambient Temp** and save this script to a script window. Keep this script window open but close the analysis window.
- Create a scatterplot for **MFI** versus **Ambient Temp** and save this script to the script window.
- Close the scatterplot.
- Run this script. What results do you see?

When you run the script, you should see the two analyses, in separate analysis windows. When you saved the two scripts to a script window, the scripts were saved to the same script window, separated by a semicolon. The semicolon tells JMP where the script for one analysis ends and the other begins.

4. Save this script as **VSS Scripts Name.jsl** (again, where **Name** is your name).

5. Add a script to a data table.

- Open the script **VSS Scripts Name.jsl** (if you have closed it).

- Add this script to the data table, then close the script window.
- When you run the script from the data table, what results do you see?

When you click the green triangle for the script in the data table it should run two analyses: you should see a histogram and summary statistics for **MFI** and **Ambient Temp** in one window and a scatterplot for these two variables in another. To add an open script to the data table, copy the entire script, go to the data table, click the top red triangle and select **New Script**. Then, paste the copied script in the script panel, change the name, and click **OK**.

See the JMP demo **Combining JMP Scripts for Analyses** in this lesson for details on how to combine scripts.

Hide Solution

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