This tutorial contains navigation buttons that enable you to move throughout the tutorial.

Please use the navigation buttons and not the page up/page down or arrow keys to navigate through the tutorials.

This is the 'Next' button. It takes you to the next frame or stop point.

This is the 'Previous' button. It takes you to the previous frame or stop point.

This is the 'Go to frame' button. It takes you to a specified frame.

This is the 'Go to URL' button. It takes you to a website link.

Press the 'Next' button below to start this tutorial.
### Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop-down menus to select the data and information you want to use in your analysis.

<table>
<thead>
<tr>
<th>Name of Data Matrix</th>
<th>Name of Variable Matrix</th>
<th>Name of Filename Matrix</th>
<th>Name of Totalcounts Matrix</th>
<th>Name of Samplenames Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Data</td>
<td>Select Variables</td>
<td>Select Filenames</td>
<td>Select Totalcounts</td>
<td>Select Samples</td>
</tr>
</tbody>
</table>

---

This tutorial will cover loading variables from the Matlab workspace into the spectra gui.
From the 'Data Pre-Processing' menu, select -> 'Import Data' -> 'Import from Workspace'
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Import Data From Workspace

Press the "Get Variables" button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the "Data Selection Panel".

Press the 'Get Variables' Button
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

The list box is populated with a list of all current variables within the Matlab Workspace.

MVA Data

Add to Scores List
Add to Loadings List
Add to % Variance List
Add to Model List

Close Panel
Data Selection Panel

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Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

Raw Data

- Add to Data List
- Add to Totalcounts List
- Add to Samplenames List

MVA Data

- Add to Scores List
- Add to Loadings List
- Add to % Variance List
- Add to Model List

To load the variables into the spectragui, simply click on the variable of choice from the list and then press the corresponding button on the right.
Data Selection Panel

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Use the drop-down menus to select the data and information you want to use in your analysis.

Name of Data Matrix
Select Data
Name of Variable Matrix
Select Variables
Name of Filename Matrix
Select Filenames
Name of Totalcounts Matrix
Select Totalcounts
Name of Samplenames Matrix
Select Samples

Import Data From Workspace

Press the "Get Variables" button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the "Data Selection Panel".

Raw Data

Add to Data List
Add to Variable List
Add to Filename List
Add to Totalcounts List
Add to Samplenames List

MVA Data

Add to Scores List
Add to Loadings List
Add to % Variance List
Add to Model List

Data into the 'Data List'
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Name of Data Matrix: Select Data
Name of Variable Matrix: Select Variables
Name of Filenames Matrix: Select Filenames
Name of Totalcounts Matrix: Select Totalcounts
Name of Samplenames Matrix: Select Samples

Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

- Get Variables
- Add to Data List
- Add to Variable List
- Add to Filename List
- Add to Totalcounts List
- Add to Samplenames List

Peak list into the ‘Variable List’

- Add to Scores List
- Add to Loadings List
- Add to % Variance List
- Add to Model List

Close Panel
Data Selection Panel

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Name of Data Matrix
Select Data

Name of Variable Matrix
Select Variables

Name of Filename Matrix
Select Filenames

Name of Totalcounts Matrix
Select Totalcounts

Name of Sampelnames Matrix
Select Samples

Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

Get Variables

Raw Data

Add to Data List

Add to Variable List

Add to Filename List

Add to Totalcounts List

Add to Sampelnames List

MVA Data

Add to Scores List

Add to Loadings List

Add % Variance List

Add Model List

Close Panel
Data Selection Panel
These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Name of Data Matrix  Name of Variable Matrix  Name of Filenames Matrix  Name of Totalcounts Matrix  Name of Sampelnames Matrix
Select Data          Select Variables        Select Filenames        Select Totalcounts        Select Sampelnames

Import Data From Workspace
Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

Get Variables

Raw Data

Add to Data List
Add to Variable List
Add to Filename List
Add to Totalcounts List
Add to Sampelnames List

MVA Data

Add to Scores List
Add to Loadings List
Add to % Variance List
Add to Model List

Data into the 'Data List'
**Data Selection Panel**

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**Import Data From Workspace**

Press the "Get Variables" button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the "Data Selection Panel".

**Raw Data**

- Add to Data List
- Add to Variable List
- Add to Filename List
- Add to Totalcounts List
- Add to Samplenames List

**MVA Data**

- Add to Scores List
- Add to Loadings List
- Add to % Variance List
- Add to Model List

Peak list into the 'Variable List'
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

Raw Data

- Get Variables
- Add to Data List
- Add to Variable List
- Add to Filename List
- Add to Totalcounts List
- Add to Samplenames List

MVA Data

- Add to Scores List
- Add to Loadings List
- Add to % Variance List
- Add to Model List

Samplenames into the ‘Samplename List’
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

Name of Data Matrix
Name of Variable Matrix
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Name of Totalcounts Matrix
Name of Samplenames Matrix

Import Data From Workspace

Press the “Get Variables” button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the “Data Selection Panel”.

Raw Data
Add to Data List
Add to Variable List
Add to Filename List
Add to Totalcounts List
Add to Samplenames List

MVA Data
Add to Scores List
Add to Loadings List
Add to % Variance List
Add to Model List

Total counts into the ‘Totalcounts List’
Data Selection Panel
These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop-down menus to select the data and information you want to use in your analysis.

Import Data From Workspace
Press the "Get Variables" button to see a list of all variables in the workspace. Then select a variable and then press the appropriate button to load it into the proper list menu in the "Data Selection Panel".

- Get Variables
- Add to Data List
- Add to Variable List
- Add to Filename List
- Add to Totalcounts List
- Add to Samplename List

- Add to Scores List
- Add to Loadings List
- Add to % Variance List
- Add to Model List

Close the panel when you're done.
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop down menus to select the data and information you want to use in your analysis.

The drop down menus now contain all of the loaded variables.
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop-down menus to select the data and information you want to use in your analysis.

Name of Data Matrix
- Select Data
  - data
  - ndatass

Name of Variable Matrix
- Select Variables

Name of Filenames Matrix
- Select Filenames

Name of Totalcounts Matrix
- Select Totalcounts

Name of Samplenames Matrix
- Select Samples

The data

← →
## Data Selection Panel

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**Peak lists**

Select Variables:
- exactmass
- nommass
### Data Selection Panel

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#### Filenames

- filenames
Data Selection Panel

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Totalcounts

Select Totalcounts

totalcounts
Data Selection Panel

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- Sample Names

Select Samples

samplenames
Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise. Use the drop-down menus to select the data and information you want to use in your analysis.

That’s it for this tutorial.

Press the green button on the left to go back to the previous step. Press the button on the right to go back to the beginning of the tutorial.