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 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.
This tutorial will show how to export the PCA data to text files.

For this from the 'MVA' menu choose -> 'Export MVA Data'
Raw 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: namedata
- Name of Variable Matrix: select variables
- Name of Filename Matrix: filenames
- Name of Totalcounts Matrix: totalcounts
- Name of Samplenames Matrix: select samples

MVA Data Selection Panel

- Name of Scores Matrix: scores
- Name of Loadings Matrix: select loadings
- Name of % Variance Matrix: select % variance
- Name of Model Matrix: model

Save PCA data to files

Load Selected Data

Scores: None
Loadings: None
Variance: None
Variables: None
Filenames: None

Save PCA Data

Close Panel

Make sure the correct data is loaded in the drop down menus in the 'Raw Data Selection Panel' and the 'MVA Data Selection Panel' and press the 'Load Selected Data' button.
Select the folder where you want to save the files.
This can be any directory you want.
Once you have selected where to save the data, press the 'OK' button.
The data is saved into 4 text files.

- **variance.txt** contains the % variance captured for each PC in the saved model.
- **scores.txt** contains the scores for each PC in the saved model.
- **loads.txt** contains the loadings for each PC in the saved model.
- **loads_rescaled.txt** contains the loadings where the x axis has been rescaled so that the loadings are plotted against a mass axis (m/z). This enables plotting the loadings so they look more like a mass spectrum.

That's it for this tutorial.

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