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.

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

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<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>ndataset</td>
<td>Select Variables</td>
<td>filenames</td>
<td>totalcounts</td>
<td>samplenames</td>
</tr>
</tbody>
</table>

This tutorial will cover how to use the delete samples/files function.

NOTE: This function does not delete the data from the original matrix. However, it may be possible to do this if you use the same names for the output data. So you are warned not to do this.
From the 'Data Pre-Processing' window choose -> 'Delete Samples'
Data Selection Panel

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- Name of Data Matrix
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- Name of Totalcounts Matrix
- Name of Samplenames Matrix

It is usually best to start with the original data when changing your data matrix.

So we will switch back to the originally loaded data set.

Select the samplenames, filenames, and datamatrix for the set you want to work with.

Load Selected Data

Loaded Samplenames: None
Loaded Filenames: None
Loaded Data: None

Undo Delete Samples

Delete Sample

Output Names

Name for output sample names
Name for output file names
Name for output data matrix

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the matlab workspace later if you wish.

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.

Delete Samples Panel
Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Now press the 'Load Selected Data' button.

Output Names

Add Data to Selection Panel
Use the button above to add the output names to their respective list in the selection panel.
You can also import the data from the matlab workspace later if you wish.
### 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.

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</tbody>
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### Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

- **Load Selected Data**: Press this button to load the selected data.

**Loaded Samplenames**: samplenames

**Loaded Filenames**: filenames

**Loaded Data**: data

**Current File List**

Choose a file to delete and press the delete button below.

- 06104
- 06105
- 06106
- 06104

**Output Names**

- **Name for output sample names**: blank

The list box shows the names of all files within the data set.

**NOTE**: For this function a "sample" = an individual file.

### Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the Matlab workspace later if you wish.
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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List
Choose a file to delete and press the delete button below.

Output Names
- Name for output sample names
- Name for output filenames
- Name for output data matrix

Add Data to Selection Panel
Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the MATLAB workspace later if you wish.

NOTE: The names must be new names. You cannot overwrite existing 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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List

Choose a file to delete and press the delete button below.

Output Names

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the MATLAB workspace later if you wish.
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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Load Selected Data:

Loaded Samplenames: samplenames
Loaded Filenames: filenames

Current File List
Choose a file to delete and press the delete button below:

- 06104
- 06105
- 06106
- 06104
- 06105
- 06106
- 08104
- 06105
- 06106

Output Names

Name for output sample names: newsamples
Name for output file names: newfiles
Name for output data matrix: newdata

And press the 'Delete Sample' button.

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the Matlab workspace later if you wish.
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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Loaded Samplenames: samplenames
Loaded Filenames: filenames
Loaded Data: data

Current File List

Choose a file to delete and press the delete button below.

Output Names

The sample is deleted.

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the Matlab workspace later if you wish.
Data Selection Panel

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Delete Samples Panel

Select the samplenames, filenames,

The new variables are created in the Matlab workspace.

Note: these are not loaded into the spectragui until you hit the "Add Data to Selection Panel" button.

Loaded Filenames: filenames

Loaded Data: data

Current File List

Choose a file to delete and press the delete button below:

- 06104
- 06105
- 06106
- 08105
- 00106
- 00104
- 10105
- 10104
- 10106
- 12104
- 12105

Output Names

- Name for output sample names: newsamples
- Name for output file names: newfiles
- Name for output data matrix: newdata

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the matlab workspace later if you wish.

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: data
Name of Variable Matrix: Select Variables
Name of Filename Matrix: filenames
Name of Totalcounts Matrix: totalcounts
Name of Samplenames Matrix: samplenames

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List
Choose a file to delete and press the delete button below.

Loaded Samplenames: samplenames
Loaded Filenames: filenames
Loaded Data: data

Output Names

Name for output sample names: newsamples
Name for output file names: newfiles
Name for output data matrix: newdata

Add Data to Selection Panel
Use the button above to add the output names to their respective list in the selection panel. You can also import the data from the MATLAB workspace later if you wish.

If you continue to hit the delete button it will continue to delete files from where it left off.
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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List

Choose a file to delete and press the delete button below.

Output Names

Name for output sample names

Name for output file names

Name for output data matrix

At any time you can click somewhere else and delete any file you want.
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: data
Name of Variable Matrix: Select Variables
Name of Filename Matrix: filenames
Name of Totalcounts Matrix: totalcounts
Name of Samplenames Matrix: samplenames

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List
Choose a file to delete and press the delete button below

Output Names

Add Data to Selection Panel
Use the button above to add the output names to their respective list in the selection panel. You can also import the data from the Matlab workspace later if you wish.

Undo Delete Samples
Use this button to undo your deletions.

If you make a mistake, you can undo and start over.

Press the 'Undo Delete Samples' button to undo all of the deletions.

NOTE: This undoes ALL of the deletions and you will have to start over from the beginning.
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.

Delete Samples Panel

The variables are removed from the Matlab workspace.

Output Names

Current File List

Choose a file to delete and press the delete button below.

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the Matlab workspace later if you wish.
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.

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<td>totalcounts</td>
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</tbody>
</table>

Delete Samples Panel

Select the sample names, filenames, and datamatrix for the set of data you want to work with.

Current File List

Choose a file to delete and press the delete button below.

Loaded Sample names: samplenames
Loaded Filenames: filenames
Loaded Data: data

Output Names

The filelist is restored with the original data.

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel. You can also import the data from the MATLAB workspace later if you wish.
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.

Delete Samples Panel

Select the samplenames, filenames, and datamatrix for the set of data you want to work with.

Current File List

Choose a file to delete and press the delete button below.

Output Names

Now we will add them to the spectra gui by pressing the 'Add Data to Selection Panel' button.

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel.

You can also import the data from the matlab workspace later if you wish.

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: data
- Name of Variable Matrix: filenames
- Name of Filenames Matrix: totalcounts
- Name of Totalcounts Matrix: -
- Name of Filenames Matrix: -
- Name of Samplenames Matrix: -

Delete Samples Panel

Select the samplenames, filenames, and data matrix for the set of data you would like to delete.

Current Data List:
- samplenames
- filenames
- data

Output Names

- Name for output sample names: newsamples
- Name for output file names: newfiles
- Name for output data matrix: newdata

Add Data to Selection Panel

Use the button above to add the output names to their respective list in the selection panel. You can also import the data from the MATLAB workspace later if you wish.

Undo Delete Samples

Delete Sample

Close Panel

The new data is added to their respective drop down menus.
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: newdata
Name of Variable Matrix: Select Variables
Name of Filename Matrix: newfiles
Name of Totalcounts Matrix: totalcounts
Name of Samplenames Matrix: newsamples

The new data has been selected above.
Let's compare the original filename list with the newfiles list we just created.

Type 'filenames' at the command prompt and hit enter.
The list is shown. It still contains the 06 and 10 files as it should.
Now type 'newfiles' at the command prompt and hit enter.
The 06 and 10 files are gone as expected.
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: newdata
Name of Variable Matrix: Select Variables
Name of Filename Matrix: newfiles
Name of Totalcounts Matrix: totalcounts
Name of Samplenames Matrix: newsamples

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.