

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 Filename Matrix
Select Filenames

Name of Totalcounts Matrix
Select Totalcounts

Name of Samplenames Matrix
Select Samples

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.





Shortcuts [How to Add](#)

Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```
%-- 10/6/10 12:27  
└─ spectragui
```

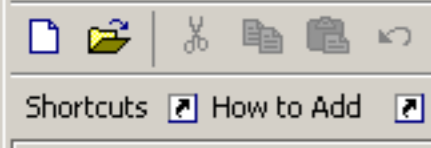
Data Selection Panel

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

This tutorial will cover loading variables from the Matlab workspace into the spectra gui.

← →



Shortcuts How to Add

Workspace

Name
data
exactmass
filenames
labels
ndatass
nommass
samplenames
totalcounts

Current Directory Workspace

Command History

```
%-- 10/6/10 12:27  
spectragui
```

- Import Data
- Create Sample Names
- Normalize Data
- Delete Samples
- Delete Variables (Peaks)
- Sub Divide Matrix

Select Data

From the 'Data Pre-Processing' menu select -> 'Import Data' -> 'Import from Workspace'

el
analysis unless you specify otherwise.
tion you want to use in your analysis.

Name of Totalcounts Matrix	Name of Samplenames Matrix
Select Totalcounts	Select Samples



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
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Current Directory Workspace

Command History

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Select Data	Select Variables	Select Filenames	Select Totalcounts	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

Press the 'Get Variables' Button

- Add to Filename List
- Add to Totalcounts List
- Add to Samplename List

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

Close Panel



Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
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- samplenames
- totalcounts

Current Directory Workspace

Command History

```

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spectragui

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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

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

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

← →

MVA Data



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

> %-- 10/6/10 12:27
  spectragui

```

Data Selection Panel

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Import Data From Workspace

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Get Variables

Raw Data

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

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.

MVA Data

Close Panel



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

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> %-- 10/6/10 12:27
  spectragui

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Data Selection Panel

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 Name of Variable Matrix:
 Name of Filename Matrix:
 Name of Totalcounts Matrix:
 Name of Samplenames Matrix:

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Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Data into the 'Data List'

← →





Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

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 Name of Samplenames Matrix:

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Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Peak list into the 'Variable List'

← →



Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Command History

```
%-- 10/6/10 12:27  
spectragui
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Data Selection Panel

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Import Data From Workspace

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Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Filenames into the 'Filename List'

← →



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

> %-- 10/6/10 12:27
  spectragui

```

Data Selection Panel

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Name of Data Matrix:
 Name of Variable Matrix:
 Name of Filename Matrix:
 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".

Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Data into the 'Data List'

← →





Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

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  spectragui

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Import Data From Workspace

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Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Peak list into the 'Variable List'

← →



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

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spectragui

```

Data Selection Panel

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Name of Data Matrix:
 Name of Variable Matrix:
 Name of Filename Matrix:
 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".

Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Samplenames into the 'Samplename List'

← →



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

> %-- 10/6/10 12:27
spectragui

```

Data Selection Panel

These are the main input data that will be used in further analysis unless you specify otherwise.
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Name of Data Matrix:
 Name of Variable Matrix:
 Name of Filename Matrix:
 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".

Get Variables

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Total counts into the 'Totalcounts List'

← →



Shortcuts How to Add

Workspace



Name

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```

> %-- 10/6/10 12:27
spectragui

```

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 <input type="text" value="Select Data"/>	Name of Variable Matrix <input type="text" value="Select Variables"/>	Name of Filename Matrix <input type="text" value="Select Filenames"/>	Name of Totalcounts Matrix <input type="text" value="Select Totalcounts"/>	Name of Samplenames Matrix <input type="text" value="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

- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Raw Data

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

MVA Data

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

Close Panel

Close the panel when you're done.



Shortcuts How to Add

Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

```
%-- 10/6/10 12:27  
spectragui
```

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 Samplenames Matrix Select Samples
---	--	--	---	---

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





Shortcuts How to Add

Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

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> %-- 10/6/10 12:27
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Select Data	Select Variables	Select Filenames	Select Totalcounts	Select Samples

- Select Data
- data
- ndatass

The data



Shortcuts How to Add

Workspace



- Name
- data
- exactmass
- filenames
- labels
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Current Directory Workspace

Command History

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---	--	--	---	---

- Select Variables
- exactmass
- nommass

Peak lists

← →



Shortcuts [How to Add](#)

Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
- nommass
- samplenames
- totalcounts

Current Directory Workspace

Command History

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%-- 10/6/10 12:27  
└─ spectragui
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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 Samplenames Matrix Select Samples
---	--	--	---	---

- Select Filenames
- filenames

Filenames

← →





Shortcuts How to Add

Workspace



- Name
- data
- exactmass
- filenames
- labels
- ndatass
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- samplenames
- totalcounts

Current Directory Workspace

Command History

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  spectragui

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Select Data	Select Variables	Select Filenames	Select Totalcounts	Select Samples

Totalcounts

←
→

Select Totalcounts

totalcounts





Shortcuts How to Add

Workspace



- Name
- data
- exactmass
- filenames
- labels
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- nommass
- samplenames
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Current Directory Workspace

Command History

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Name of Data Matrix **Name of Variable Matrix** **Name of Filename Matrix** **Name of Totalcounts Matrix** **Name of Samplenames Matrix**

Select Data

Select Variables

Select Filenames

Select Totalcounts

Select Samples

Samplenames

- Select Samples
- samplenames



Shortcuts How to Add

Workspace



- Name
- data
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Current Directory Workspace

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Select Data	Select Variables	Select Filenames	Select Totalcounts	Select Samples

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.

← →

