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Nesstar WebView User Guide

Version 3.0

Contents

1	Nesstar WebView.....	1
1.1	Using Nesstar WebView.....	1
1.1.1	Metadata.....	3
1.1.2	Data Files Description	4
1.1.3	Other Documentation	4
1.1.4	Variable Description	4
2	Table and Analysis Tabs.....	4
2.1	Description	4
2.1.1	Description.....	4
2.1.2	Table.....	5
2.1.3	Graphs.....	5
2.2	Additional Functionality	5
2.2.1	Weights.....	6
2.2.2	Subset	6
2.2.3	Download.....	6
2.2.4	Help	7
2.2.5	Bookmark	7
2.3	To Run a Statistical Analysis.....	7
3	Manipulate Tables.....	7
3.1.1	Variables.....	8
3.1.2	Choose categories.....	8
3.1.3	Type box.....	8
3.1.4	Measure box.....	8
3.2	Moving Variables in and out of a Table.....	9
3.2.1	Move a variable into the table.....	9
3.2.2	Move a variable from the table to layers.....	9
3.2.3	Move a variable to column or row.....	9
3.2.4	Remove a variable from a table.....	9
4	Further Information.....	9

1 Nesstar WebView

This guide provides a brief introduction to Nesstar WebView with some basic information about each of the main features and how to use them.

Among the key functions of web view are the following:

1. Data descriptions
2. Crosstabulations
3. Regressions; and
4. Graphical representations of data

What follows is a brief description about how to use the new features introduced in WebView.

1.1 Using Nesstar WebView

The following information presents the new way that WebView navigation is controlled. Data and metadata published to a Nesstar Server are available within WebView as studies or cubes within catalogues.


The crosses within boxes  represent catalogues in the treeview on the left:



Fig. 1 (below) - Click on the cross to open the catalogue and display the studies or cubes.

Catalogues can hold as many cubes or studies as the publisher wishes to add to them. Further catalogues are created by using the Nesstar Publisher to present a more ordered selection of data.

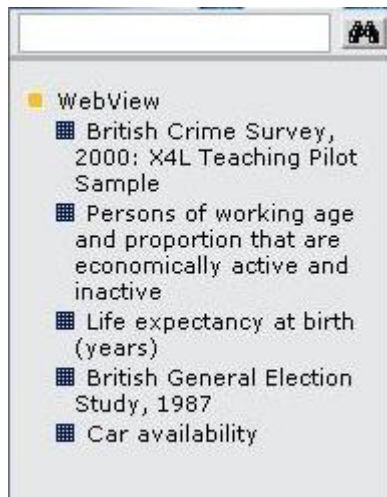
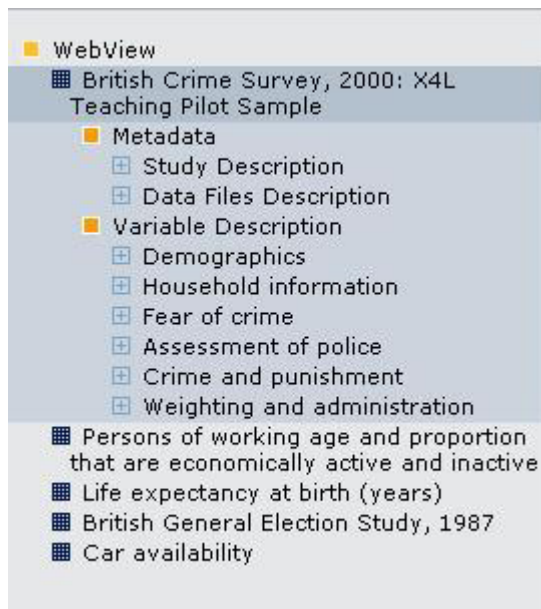


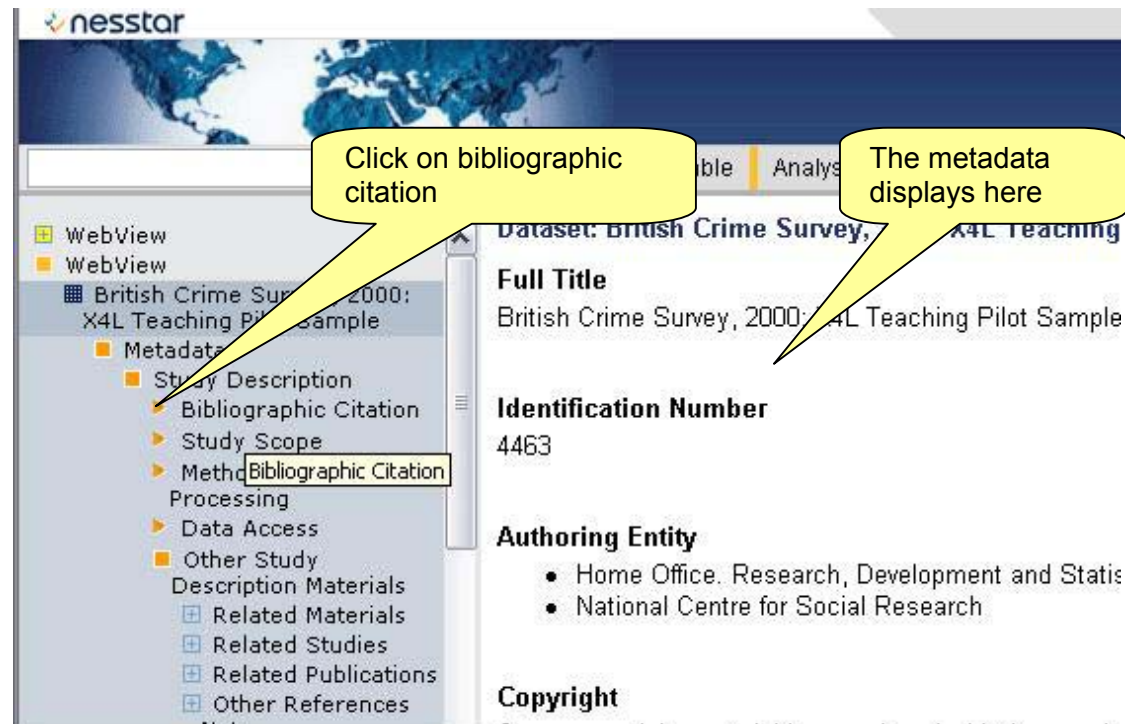
Fig. 2 - Click on the dataset title to view the abstract text in the right side of the screen.



Fig. 3 - Click on the dataset icon to display further information about that dataset.



The above treeview provides a structure that aids use and browsing. Once you select the objects in the treeview the information will display in the right frame, see below.



All data sets have the option to display textual descriptions of the data within Metadata and the variables within Variable Description.

1.1.1 Metadata

As already shown, any action taken in the tree view will display corresponding information in the main frame.

To view information about published data:

1. Click on a dataset title to examine the abstract associated with a study or cube.
2. Select the dataset icon to open a list of directories associated with the data.
3. Click on Metadata.
4. The options available will be one or all of the following:
 - Study Description
 - Data Files Description
 - Other Documentation

Select '**Study Description**' to view information about the following:

1. Bibliographic citation
2. Study scope
3. Methodology and Processing

4. Data Access
5. Other Study Description Materials

Select each of the above in turn to view further information relating to the study.

1.1.2 Data Files Description

Select this section to view information about each of the data files associated with the study being viewed.

1.1.3 Other Documentation

Other documentation may include: links to questionnaires, coding information, interviewer/project instructions, details of related publications, details of related studies.

1.1.4 Variable Description

All the variables from a dataset are found in this folder. You can use the Nesstar Publisher to group variables and separate them into different sections. Refer to the Publisher Help guide for more information.

2 Table and Analysis Tabs

The Table and Analysis tabs will only be available once a dataset is opened. For cube datasets, the Analysis tab is never available. The active selection has a blue background and white font.

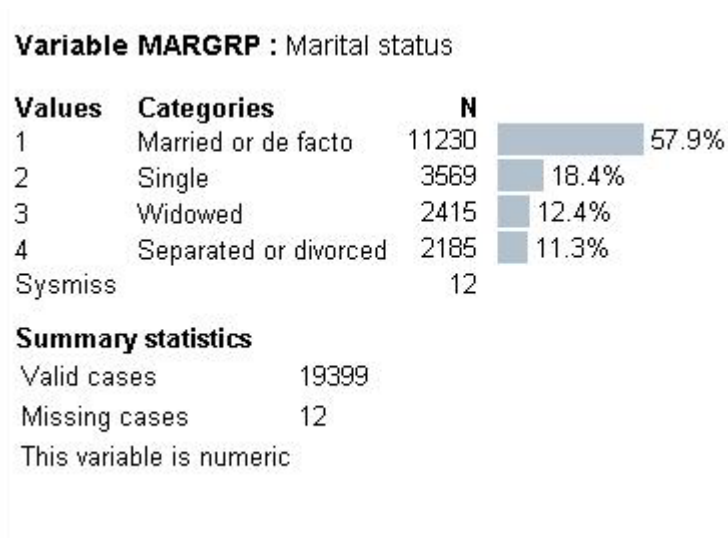


- Description** – displays only metadata.
- Table** – select to perform tabular analyses on the data
- Analysis** – select to perform a regression or a scatterplot.

2.1 Description

2.1.1 Description

The description section displays corresponding descriptive text about the data. Select a variable in the treeview to display a graphical representation of the data in the right frame. The data displays value listings, categories and the number of responses for the chosen variable.



A summary of the statistics may include: valid cases, minimum, maximum and mean. Text that accompanies the data can include: Question text, Notes, Universe information, Interviewer's instructions, and many others that allow for extensive customisation of the display of data.

2.1.2 Table

The options available under the tables tab enable you to:








- Save a table in tab-delimited format and open it in Excel.
- Display tables in raw numbers, column percentages or row percentages.
- Include missing data.





2.1.3 Graphs

A number of graphical representations are available depending on the type of analysis executed. For example, a tabulation will produce simple and stacked bar charts and pie charts.

2.2 Additional Functionality


There are a number of icons in the top right-hand corner of the screen. Depending on the characteristics of the dataset that is currently open, certain icons will be available. The icons represent:

-  Table view
-  Bar chart
-  Time series graph
-  Scatterplot
-  Map
-  Weight (survey data only)
-  Subset (survey data only)

-  Download dataset (survey data only)
-  Save as Excel data
-  Print page
-  Bookmark page


2.2.1 Weights

Some datasets may include weighting variables. Other datasets may have been pre-weighted. If a weight variable is defined, or other variables are required for weighting, then:

1. Select the 'weight' icon .
2. Predefined weighting variables are displayed in the Weight Variables box.
3. Click on a variable
4. Click on the arrow in between the boxes to move it to the 'selected variables' box.
5. Click on **ok** to apply the weight(s).


2.2.2 Subset

The subset option enables you to produce an analysis, or a graph, using only a subset of the variables or cases.

1. Open a dataset.
2. Click on the Subset icon .
3. Select the relevant variable from the variable list on the left.
4. Click on the variable name and select 'Add to subset' in the box that becomes available.
5. From the Categories box, select the category that you wish to include in the analysis.
6. Click Add to add it to the subset.
7. Use 'More' to add a category from a different variable to the subset.
8. Select 'OK'.

2.2.3 Download

To download a dataset:

1. Select a study from the treeview.
2. Click on the 'Download' icon .
3. Select the format of the dataset in the drop-down menu. The options are: SPSS, SPSS portable, NSDStat, Statistica, StatA, DIF, Dbase and SAS.
4. Click on 'download' and choose to save.

To download documentation:


1. Follow the steps above.
2. Select the format of the documentation (html or xml).
3. Click on 'download'.

2.2.4 Help

Click on the 'help' to open a new browser window. This provides a link to the WebView User guide that is available from your Nesstar Server.

2.2.5 Bookmark

The bookmark option can be exploited to create a browse list of data sets or particular analyses. In this way the end user does not have to rely on a blind search but can explore a well-prepared list of available resources.

1. Click on the 'Bookmark' icon .
2. The browser's bookmark dialogue window opens.
3. Rename the 'Bookmark' and save as required.
4. Press 'OK'.

2.3 To Run a Statistical Analysis

Cube datasets are available as a table by default. For survey datasets a table needs to be created.

To create a table containing one or more of the variables from the survey dataset (i.e. a cross-tabulation):

1. Click on the Table tab.
2. Select a variable from the left-hand frame. A list of variables is available once you open a survey by clicking on the study icon and selecting Variable Description.
3. Click on the variable name and select one of the four options from the box that becomes available.
4. Repeat this process for any other variables that you would like to add to the table.

3 Manipulate Tables

Above a table there are a number of drop-down boxes. For each variable there is a Variable box. In addition, there may be a Type box or a Measure box.

3.1.1 Variables

Chosen variables appear above a table or graph and include further options within drop-down boxes. The following options are available:

1. Display a different level of a variable within the table. For instance, choose to look at the value for the combined categories ('All') or the categories individually ('categories').
2. Move a variable from column to row or vice versa.
3. Move a variable into the table, using either 'Move to row' or 'Move to column'. This applies to variables that are in layers. They have their name is highlighted above the variable box.
4. Move a variable to layers.
5. Choose a different category for a variable in layers. For instance, you may want the table to display just Male or Female, for the Gender variable.
6. Choose to display certain categories in the table, using 'Choose categories' (see below).

3.1.2 Choose categories

To specify which categories to display in the table:

1. Click 'Choose categories'. This opens a new window, with a list of categories for the particular variable.
2. Select the required categories by ticking or unticking the required selection(s). The 'Deselect all' and 'Select all' button facilitate this process.
3. Open any subcategories that have a + sign before the category name. You can view the categories as a hierarchical tree or an alphabetical list.
4. When finished, click on the 'Update' button to display an updated table with the chosen categories.

3.1.3 Type box

When no measure variable is used in a survey-based table, the data view is by default the percentage of cases. Use the 'Type' drop-down box to choose a different data view: Column Percentage, Row Percentage, Raw Numbers, and Row and Columns Percentage.

3.1.4 Measure box

A measure in a table is shown as the numbers within the cells. The measure drop-down box offers several other measure types relating to the measure variable:

- average
- count
- min
- max
- standard deviation

- sum

Note - For cubes, there is always a measure present in the table.

3.2 Moving Variables in and out of a Table

Variables can be moved in and out of the table by a 'drag and drop' method.

3.2.1 Move a variable into the table

If a variable is chosen from the treeview but is either in layers or has been taken out of the table, the blue highlighted variable name will be above the variable box.

To move a variable into the table:

1. Hold the mouse button down over the variable name and drag the variable to one of the column (dark blue) or row (orange) rectangles at the top-left of the table (they will be outlined in red).
2. Align the centre of the arrows with the rectangle and release the mouse button to redraw the table.

3.2.2 Move a variable from the table to layers

To remove a variable from the table:

1. Select a variable name from the column (dark-blue) or row (orange) cells at the top-left of the table and click and hold the mouse button.
2. Hold the mouse button down and move the mouse pointer into the large (red-outlined) rectangle above the table that contains the variables.
3. Release the mouse button to redraw the table.

3.2.3 Move a variable to column or row

To move a variable to a column or to a row:

1. Select the variable name from the column (dark-blue) or row (orange) cells at the top-left of the table and click and hold the mouse button.
2. Hold the mouse button down and drag the variable name to one of the other rectangles (dark blue for column or orange for row) and release the mouse button.

3.2.4 Remove a variable from a table

To remove a variable, click and hold the variable name and drag the variable out of the table.

4 Further Information

For a more comprehensive overview of WebView, and new Nesstar functionality, please read the WebView Help and the Release Notes.

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