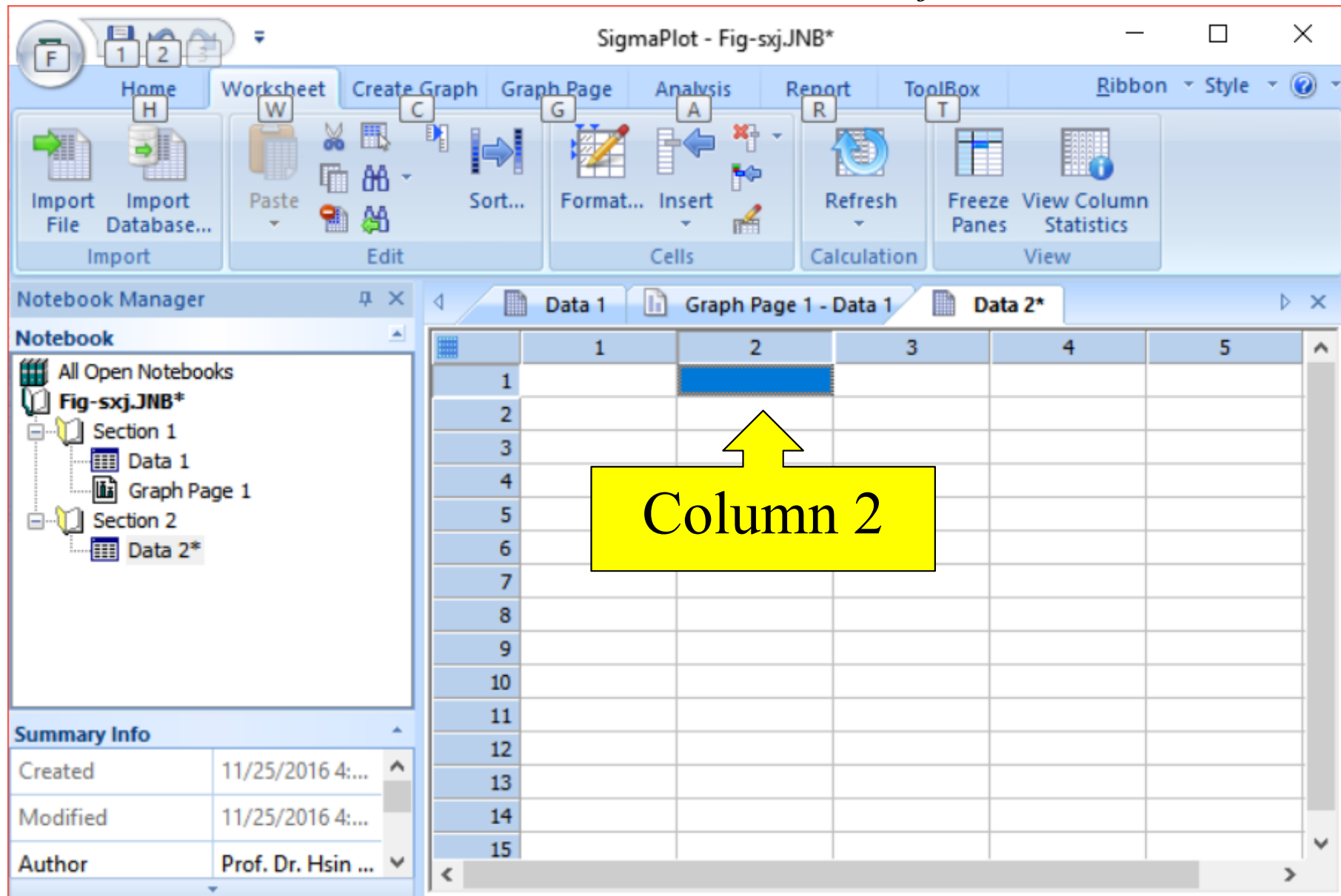


How to prepare s_{xj} curves for life tables with time unit 8-hour?

Open a new worksheet and click on the first cell of Column 2. Import s_{xj} data.



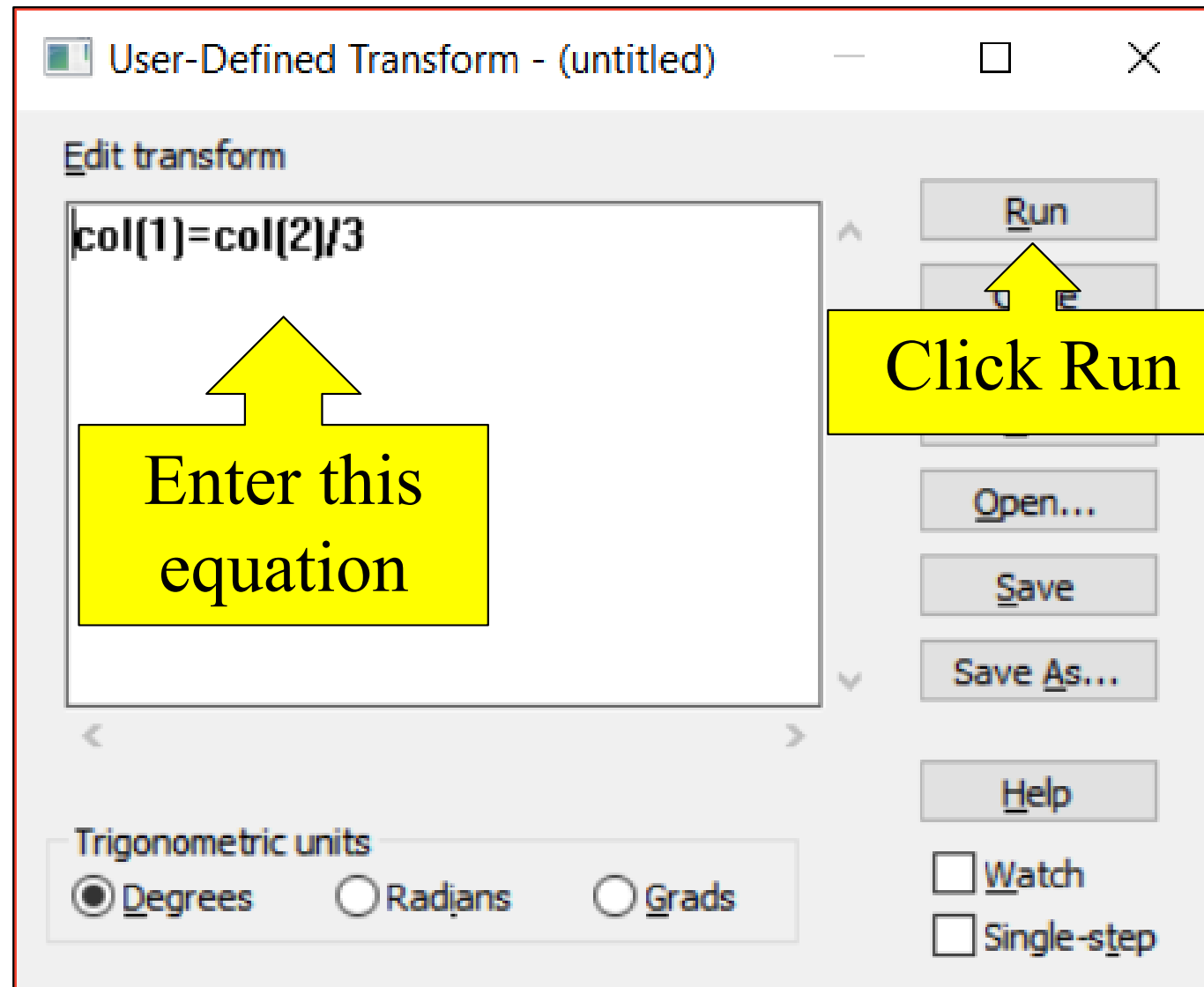
Import the data of s_{xj}

The screenshot shows the SigmaPlot software interface. The main window displays a data table with the following structure:

	1	2-Age	3-Egg	4-Larva
2		1.0000	1.0000	0.0000
3		2.0000	1.0000	0.0000
4		3.0000	1.0000	0.0000
5		4.0000	1.0000	0.0000
6		5.0000	0.8167	0.1833
7		6.0000	0.1667	0.8167
8		7.0000	0.1000	0.7000
9		8.0000	0.0000	0.2833
10		9.0000	0.0000	0.1000
11		10.0000	0.0000	0.0000
12		11.0000	0.0000	0.0000
13		12.0000	0.0000	0.0000
14		13.0000	0.0000	0.0000

A yellow callout box with the text "Column 1 is empty" and an upward-pointing arrow highlights the first column of the data table.

Use Analysis—User Defined Transformation



Column 1 will be the age (every 8h)

The screenshot shows the SigmaPlot interface with a data table. A yellow callout box with an arrow points to the first column of the table, containing the text "Column 1 is age (every 8h)".

	1	2-Age	3-Egg	4-Larva
2	0.3333	1.0000	1.0000	0.0000
3	0.6667	2.0000	1.0000	0.0000
4	1.0000	3.0000	1.0000	0.0000
5	1.3333	4.0000	1.0000	0.0000
6	1.6667	5.0000	0.8167	0.1833
7	2.0000	6.0000	0.1667	0.8167
8	2.3333	7.0000	0.1000	0.7000
9	2.6667	8.0000	0.0000	0.2833
10	3.0000	9.0000	0.0000	0.1000
11	3.3333	10.0000	0.0000	0.0000
12	3.6667	11.0000	0.0000	0.0000
13	4.0000	12.0000	0.0000	0.0000
14	4.3333	13.0000	0.0000	0.0000

Delete Column 2

The screenshot shows the SigmaPlot software interface. The ribbon includes tabs for Home, Worksheet, Create Graph, Graph Page, Analysis, Report, and ToolBox. The Analysis tab is active, showing options like Format, Insert, Refresh, Freeze Panes, and View Column Statistics. The Notebook Manager on the left shows a notebook named 'Fig-sxj.JNB*' with sections and data sheets. The main data table has columns labeled 1, 2, 3-Egg, and 4-Larva. Column 2 is highlighted in blue. A yellow callout box with an arrow points to the header of column 2, containing the text 'Delete Column 2'.

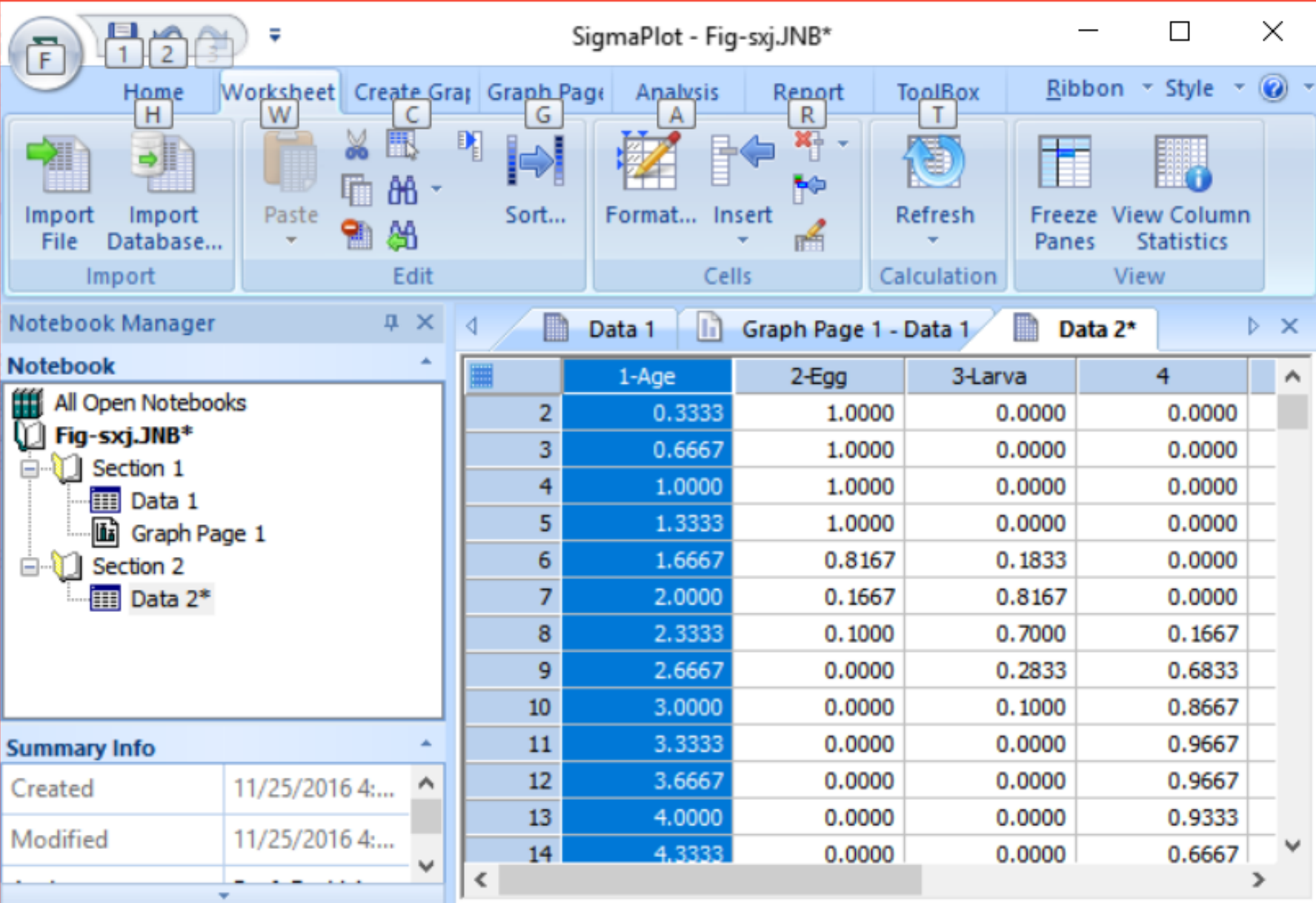
	1	2	3-Egg	4-Larva
2	0.3333		1.0000	0.0000
3	0.6667		1.0000	0.0000
4	1.0000		1.0000	0.0000
5	1.3333		1.0000	0.0000
6	1.6667		0.8167	0.1833
7	2.0000		0.1667	0.8167
8			.1000	0.7000
9			.0000	0.2833
10			.0000	0.1000
11			.0000	0.0000
12			.0000	0.0000
13	4.0000		0.0000	0.0000
14	4.3333		0.0000	0.0000

Move Columns 3~8 to 2~7

The screenshot shows the SigmaPlot software interface. The ribbon includes tabs for Home, Worksheet, Create Graph, Graph Page, Analysis, Report, and Toolbox. The 'View Column Statistics' button is highlighted in the View group. The Notebook Manager on the left shows the project structure. The main data table is as follows:

	1	2-Egg	3-Larva		
2	0.3333	1.0000	0.0000		
3	0.6667	1.0000	0.0000		0.0000
4	1.0000	1.0000	0.0000		0.0000
5	1.3333	1.0000	0.0000		0.0000
6	1.6667	0.8167	0.1833		0.0000
7	2.0000	0.1667	0.8167		0.0000
8	2.3333	0.1000	0.7000		0.1667
9	2.6667	0.0000	0.2833		0.6833
10	3.0000	0.0000	0.1000		0.8667
11	3.3333	0.0000	0.0000		0.9667
12	3.6667	0.0000	0.0000		0.9667
13	4.0000	0.0000	0.0000		0.9333
14	4.3333	0.0000	0.0000		0.6667

Prepare figure of s_{xj}



The screenshot shows the SigmaPlot software interface. The main window displays a data table with the following structure:

	1-Age	2-Egg	3-Larva	4
2	0.3333	1.0000	0.0000	0.0000
3	0.6667	1.0000	0.0000	0.0000
4	1.0000	1.0000	0.0000	0.0000
5	1.3333	1.0000	0.0000	0.0000
6	1.6667	0.8167	0.1833	0.0000
7	2.0000	0.1667	0.8167	0.0000
8	2.3333	0.1000	0.7000	0.1667
9	2.6667	0.0000	0.2833	0.6833
10	3.0000	0.0000	0.1000	0.8667
11	3.3333	0.0000	0.0000	0.9667
12	3.6667	0.0000	0.0000	0.9667
13	4.0000	0.0000	0.0000	0.9333
14	4.3333	0.0000	0.0000	0.6667

The interface includes a ribbon with tabs for Home, Worksheet, Create Graph, Graph Page, Analysis, Report, and ToolBox. The Notebook Manager on the left shows the project structure: Fig-sxj.JNB* containing Section 1 (Data 1, Graph Page 1) and Section 2 (Data 2*). The Summary Info panel at the bottom left shows the file was created and modified on 11/25/2016 at 4:00 PM.

Figure of s_{xj} (observation time unit = 8h)

