

تم إجراء عملية حساب المعدل

The image shows a screenshot of the SPSS Data Editor window. The title bar reads "*Untitled1 [DataSet0] - SPSS Data Editor". The menu bar includes File, Edit, View, Data, Transform, Analyze, and Graphs. Below the menu bar is a toolbar with various icons. The main window displays a data table with the following columns: X, Y, sum, average, and a series of columns labeled "var". The data is as follows:

	X	Y	sum	average	var	var	var	var	var	var	var	var	var	var	var	var
1	10	15	25	12.50												
2	20	20	40	20.00												
3	30	25	55	27.50												
4	40	30	70	35.00												
5	50	35	85	42.50												
6	60	40	100	50.00												
7																
8																
9																
10																
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12																
13																
14																
15																
16																
17																
18																
19																

At the bottom of the window, there are tabs for "Data View" and "Variable View". The "Data View" tab is currently selected.

شرح (Select Cases)

في بعض الاحيان قد نريد التعامل مع جزء من البيانات الموجودة في عمود معين وليس كل بيانات العمود .

وهذا الجزء من البيانات اما:

- ١- او انه يتوافر فيه خاصية معينة تكون محل اهتمام كما سيتم شرحه في المثال رقم (١) .
 - ٢- او انه عينة عشوائية مطلوب سحبها من بيانات هذا المتغير كما سيتم شرحه في المثال رقم (٢) .
 - ٣- انه يقع في نطاق معين كما سيتم شرحه في المثال رقم (٣) .
- * يتم وضع العلامة (/) على القيم المشمولة في عملية التحديد وهذا يعني انه عند اجراء اي عمليات حسابية او تحليلات احصائية سوف تستبعد تلك البيانات .

مثال (1):

لو كان لدينا العمود (T) ويحتوي القيم : 100-200-300- 400-500-600-700

The screenshot shows the SPSS Data Editor interface. The main window displays a data grid with 19 rows and 17 columns. The first column is labeled 'T' and contains the values 100, 200, 300, 400, 500, 600, and 700 for rows 1 through 7, respectively. The remaining columns are labeled 'var'. A pink callout box with a pointer is positioned over the 'T' column, containing the text 'قيم عمود (T)'. The status bar at the bottom indicates 'Data View' and 'Variable View'.

	T	var	var	var	var	var	var	var	var	var	var	var	var	var	var	var
1	100															
2	200															
3	300															
4	400															
5	500															
6	600															
7	700															
8																
9																
10																
11																
12																
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15																
16																
17																
18																
19																

المطلوب: تحديد القيم الاكبر من 500

ننتقل الى
If condition is satisfied

The image shows a screenshot of the SPSS 'Select Cases' dialog box overlaid on a data grid. The dialog box has the following options:

- All cases
- If condition is satisfied (with a button to specify the condition)
- Random sample of cases (with a 'Sample...' button)
- Based on time or case range (with a 'Range...' button)
- Use filter variable (with a selection button and an empty text field)

The 'Output' section includes:

- Filter out unselected cases
- Copy selected cases to a new dataset (with a 'Dataset name:' text field)
- Delete unselected cases

At the bottom of the dialog, it says 'Current Status: Do not filter cases' and has buttons for 'OK', 'Paste', 'Reset', 'Cancel', and 'Help'. The background data grid has columns labeled 'var' and rows numbered 7 through 19. The bottom status bar shows 'Data View / Variable View /'.

Select Cases

Select

- All cases
- If condition is satisfied
- Random sample of cases
- Based on time or case range
- Use filter variable:

Output

- Filter out unselected cases
- Copy selected cases to a new dataset
- Delete unselected cases

Current Status: Do not filter cases

OK Paste Reset Cancel Help

ونضغط على (if)

	var	var	var	var	var	var	var	var	var	var
14										
15										
16										
17										
18										
19										

الآن بعد نقل T نكتب عبارة الشرط وهي
(<500) وتعني تحديد القيم الأكبر من 500

The screenshot shows the SPSS Data Editor interface. A 'Select Cases: If' dialog box is open, allowing the user to define a selection condition. The variable 'T' is selected, and the condition ' $T < 500$ ' is entered. The 'Functions' list is visible, showing various mathematical and statistical functions. The 'Continue' button is highlighted, indicating the next step in the process.

بعد كتابة عبارة الشرط
نضغط continue

*Untitled1 [DataSet0] - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Window Help

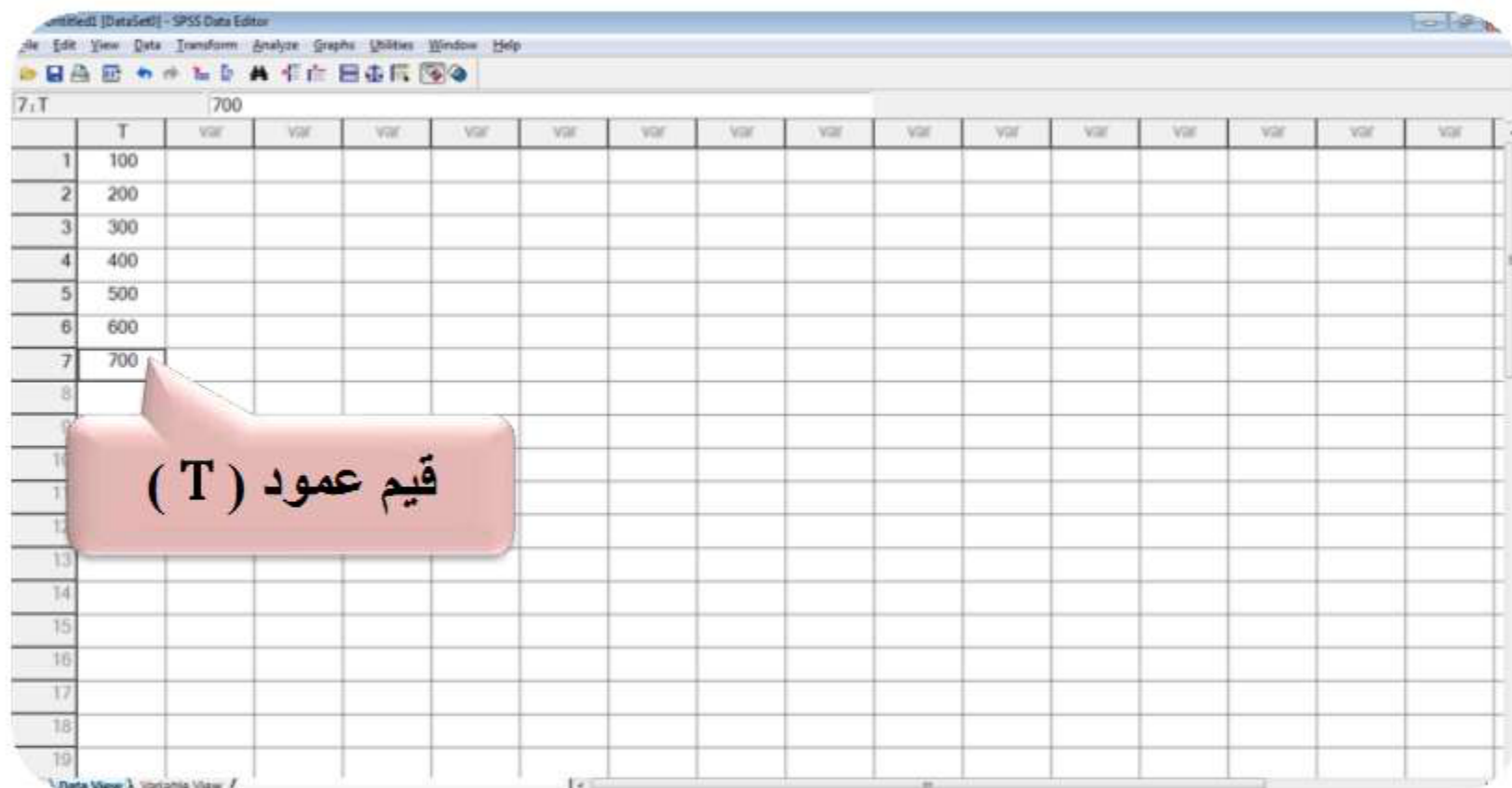
7: T 700

	T	filter_\$	var	var	var	var	var	var	var	var	var	var	var	var	var
1	100	Selected													
2	200	Selected													
3	300	Selected													
4	400	Selected													
5	500	Not Selected													
6	600	Not Selected													
7	700	Not Selected													
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															

لاحظ تم تحديد القيم الاكبر
من 500

Data View Variable View

مثال (٢): لو كان لدينا العمود (T) ويحتوي القيم : 100-200-300-400-500-600-700



The image shows a screenshot of the SPSS Data Editor window. The window title is "SPSS Data Editor". The menu bar includes "File", "Edit", "View", "Data", "Transform", "Analyze", "Graphs", "Utilities", "Window", and "Help". The toolbar contains various icons for file operations and data manipulation. The main window displays a data grid with 19 rows and 17 columns. The first column is labeled "T" and contains the values 100, 200, 300, 400, 500, 600, and 700 for rows 1 through 7, respectively. The remaining columns are labeled "var". A pink callout box with a pointer is overlaid on the grid, containing the text "قيم عمود (T)".

	T	var	var	var	var	var	var	var	var	var	var	var	var	var	var	var
1	100															
2	200															
3	300															
4	400															
5	500															
6	600															
7	700															
8																
9																
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18																
19																

المطلوب: سحب قيمة عشوائية حجمها يساوي 40% تقريباً

ننتقل الى

Random sample of cases

The image shows the 'Select Cases' dialog box in SPSS. The 'Random sample of cases' option is selected. The 'Output' section has 'Filter out unselected cases' selected. The dialog box is overlaid on a Data View grid with columns labeled 'var.' and rows numbered 7 through 19. The status bar at the bottom indicates 'Data View' and 'Variable View'.

File Edit View Data

Select Cases

7

var. var. var. var. var. var. var. var. var.

If copy

Random sample of cases
Sample...

Based on time or case range
Range...

Use filter variable:
▶

Output

Filter out unselected cases

Copy selected cases to a new dataset
Dataset name: _____

Delete unselected cases

Current Status: Do not filter cases

OK Paste Reset Cancel Help

14
15
16
17
18
19

Data View Variable View /

Select Cases

Select

- All cases
- If condition is satisfied
- Random sample of cases
- Based on time or case range
- Use filter variable

Sample... Approximately 40 % of cases

Range...

Output

- Filter out unselected cases
- Copy selected cases to a new dataset
- Delete unselected cases

Dataset name:

Current Status: Do not filter cases

OK Paste Reset Cancel Help

لاحظ

ثم اضغط
OK لتحديد القيم

	var	var	var	var	var	var
15						
16						
17						
18						
19						

SPSS Data Editor window showing a data table with a filter variable.

	T	filter_\$	var	var	var	var	var	var	var	var	var	var	var	var	var
1	100	1													
2	200	0													
3	300														
4	400														
5	500	1													
6	600														
7	700	1													
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															

7: filter_\$ 1

SPSS Data Editor window showing a data table with a filter variable. A callout box highlights the filter values for rows 2, 3, 4, 5, and 6.

لاحظ تم تحديد القيم وبشكل عشوائي والتي تمثل 40%

مثال (3): لو كان لدينا العمود (T) ويحتوي القيم : 100-200-300-400-500-600-700

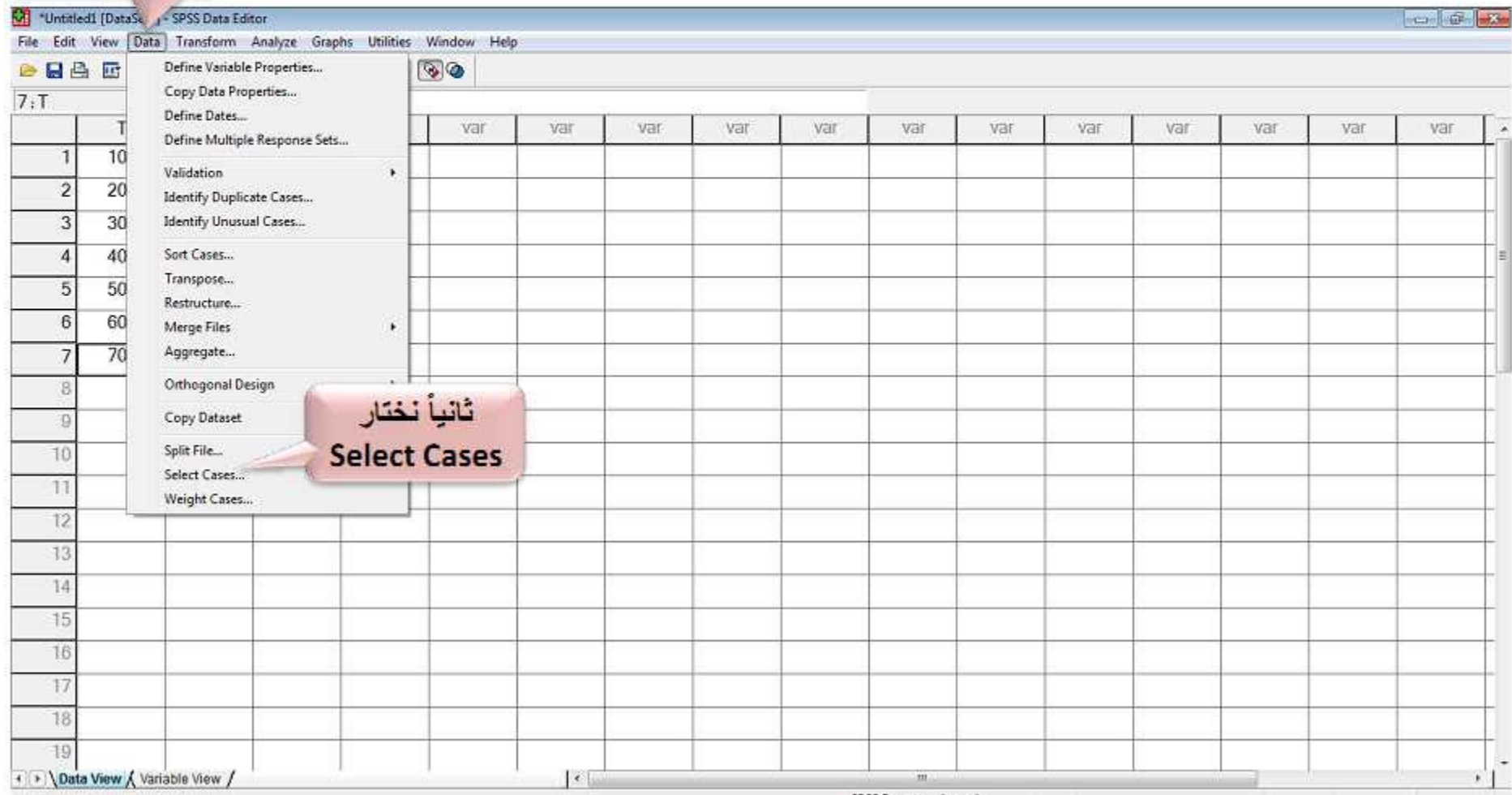
The image shows a screenshot of the SPSS Data Editor window. The window title is "Untitled1 [DataSet1] - SPSS Data Editor". The menu bar includes "File", "Edit", "View", "Data", "Transform", "Analyze", "Graphs", "Utilities", "Window", and "Help". The toolbar contains various icons for file operations and data manipulation. The main data grid has a column labeled "T" with values 100, 200, 300, 400, 500, 600, and 700. A callout box with a pink background and a white border points to the "T" column, containing the text "قيم عمود (T)".

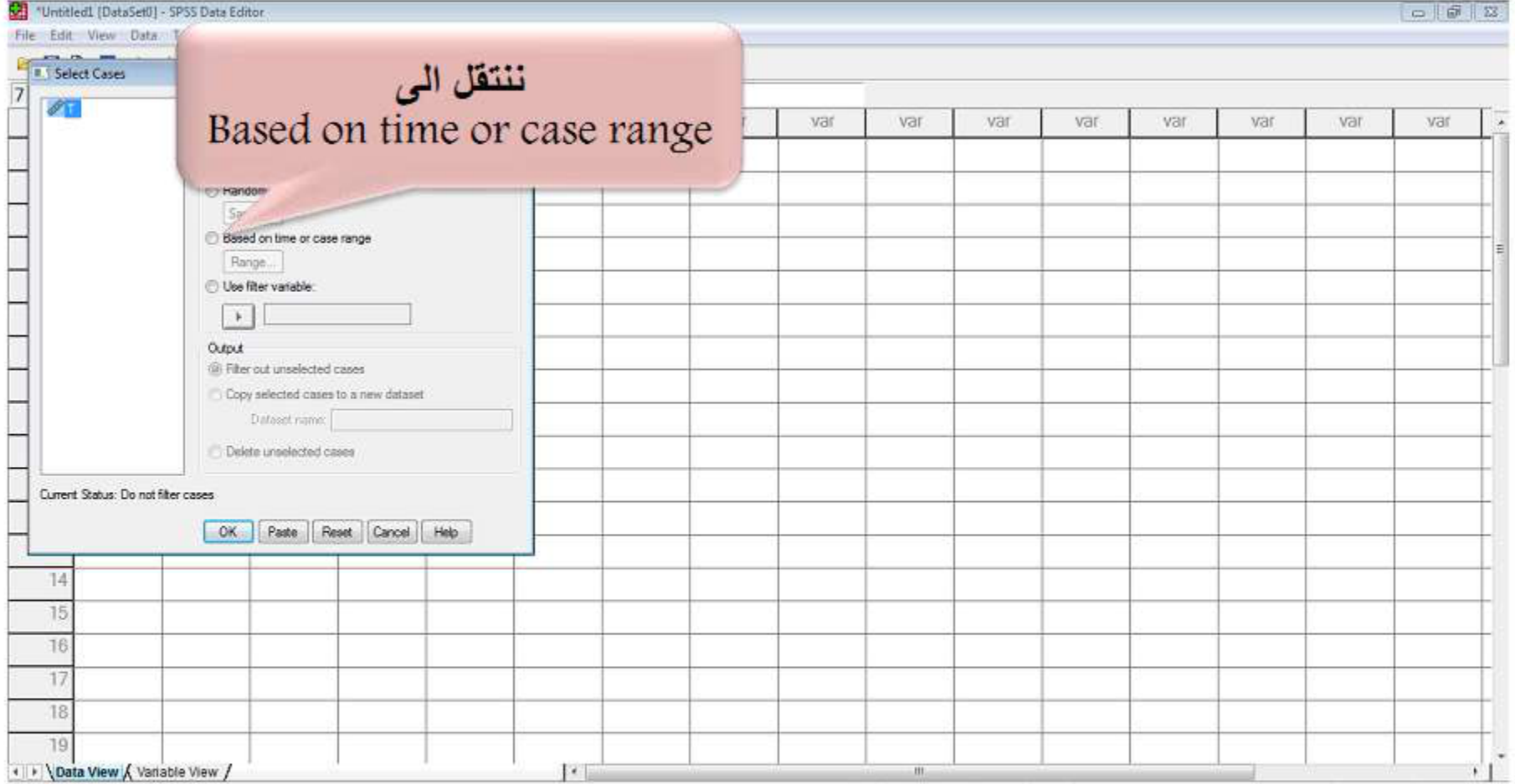
	T	var	var	var	var	var	var	var	var	var	var	var	var	var	var	var
1	100															
2	200															
3	300															
4	400															
5	500															
6	600															
7	700															
8																
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19																

المطلوب: تحديد البيانات التي تقع خارج نطاق القيمة رقم (2) والقيمة رقم (5)

Data → Select Cases

اولاً نضغط هنا
Data





ننتقل الى
Based on time or case range

Random

Based on time or case range

Range:

Use filter variable:

Output

Filter out unselected cases

Copy selected cases to a new dataset

Dataset name:

Delete unselected cases

Current Status: Do not filter cases

SPSS Data Editor window showing the "Select Cases" dialog box. The dialog box is open, and the "Based on time or case range" option is selected under the "Select" section. A pink callout bubble points to the "Range" button with the text "ثم نضغط على Range".

The dialog box options are:

- Select
 - All cases
 - If condition is satisfied
 - F...
 - Random sample of cases
 - Sample... Approximate
 - Based on time or case range
 - Range...
 - Use filter variable:
 - ▶
- Output
 - Filter out unselected cases
 - Copy selected cases to a new dataset
 - Dataset name: _____
 - Delete unselected cases

Current Status: Filter cases by values of filter_S

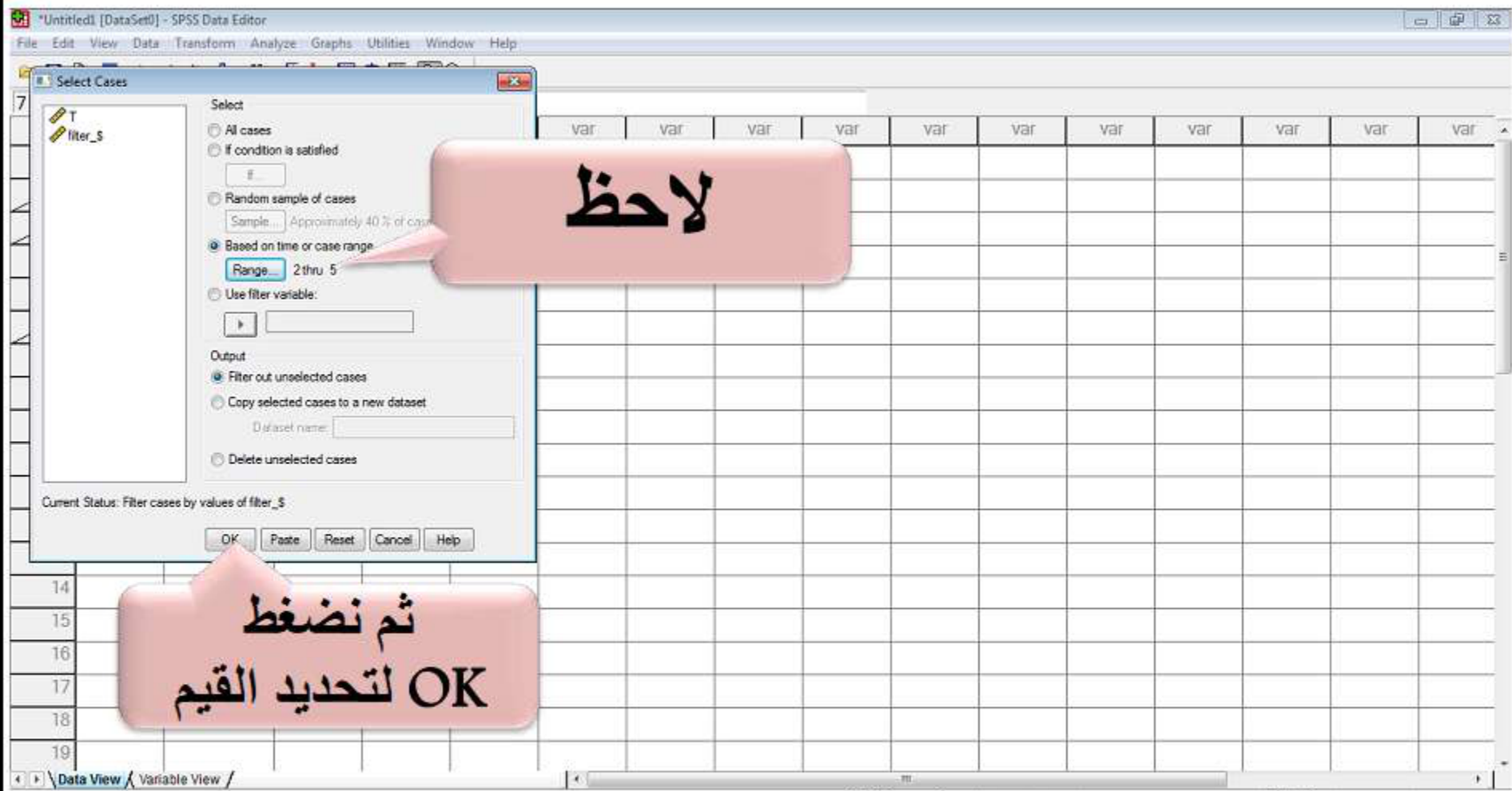
Buttons: OK, Paste, Reset, Cancel, Help

ندخل هنا
قيمة 2

ندخل هنا قيمة
5

ثم نضغط
continue

The image shows a screenshot of the SPSS software interface. A 'Select Range' dialog box is open, with the 'First Case' field set to 2 and the 'Last Case' field set to 5. The 'Continue' button is highlighted. Three pink callout boxes with Arabic text provide instructions: 'ندخل هنا قيمة 2' (Enter value 2 here), 'ندخل هنا قيمة 5' (Enter value 5 here), and 'ثم نضغط continue' (Then press continue). The background shows a grid of variables labeled 'var' and a status bar at the bottom indicating 'Data View' and 'Filter cases by values of filter_5'.



لاحظ

ثم اضغط
OK لتحديد القيم

*Untitled1 [DataSet0] - SPSS Data Editor

File Edit View Data Transform Analyze Gr

8: T

	T	var	var	var	var	var	var	var	var
1	100								
2	200								
3	300								
4	400								
5	500								
6	600								
7	700								
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									

Data View / Variable View /

لاحظ تم تحديد القيم

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

لا تنسوا أخوتكم بالله من صباح دعائكم