

Splitting groups of data from one column into multiple columns ("unindex")

To split a data column with data from different groups (identified by a group of "factor" value in a second column), you can use

1. the "By Group Data Split" Macro
2. the Statistical Transform "Unindex > One Way"

The factor values can be numeric, text, date/time, or mixed.

The factor value is used as the group title.

In case of "date/time" this is the Julian numeric value for the date (https://en.wikipedia.org/wiki/Julian_day).

With the macro (1), you can optionally sort the result columns.

1. By Group Data Split Macro

With the "By Group Data Split" macro, you can split data from a single column into multiple columns, by group or "factor".

Sample data

	1	2	3-a	4
1	2,0000	2,0000	1/1/2000	1/1/2000 10:00:00
2	2,0000	a	3/1/2000	1/1/2000 11:00:00
3	1,0000	2,0000	1/1/2000	1/1/2000 10:00:00
4	3,0000	b	5/1/2000	1/1/2000 12:00:00
5	4,0000	2,0000	1/1/2000	1/1/2000 10:00:00
6	9,0000	a	3/1/2000	1/1/2000 11:00:00
7	6,0000	a	3/1/2000	1/1/2000 11:00:00
8	7,0000	b	5/1/2000	1/1/2000 12:00:00
9	6,0000	b	5/1/2000	1/1/2000 12:00:00
10				

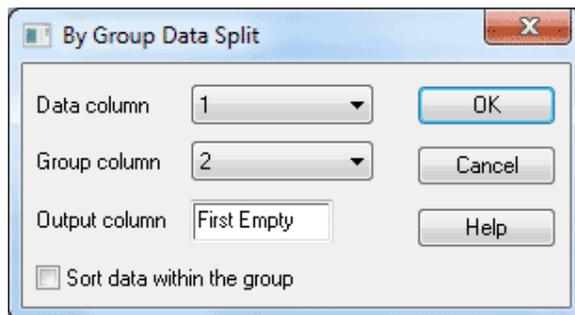
The factor values can be numeric, text, date/time, or mixed.

The factor value is used as the group title.

In case of "date" this is the converted date-to-integer number.

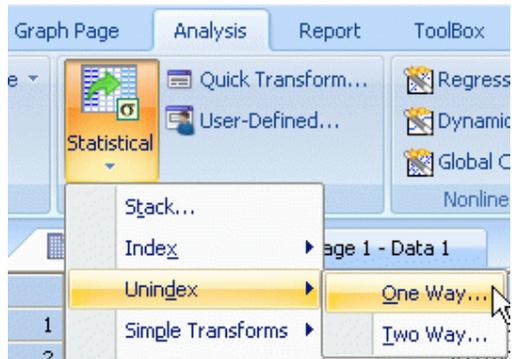
Run the macro: Toolbox ribbon > Macros > By Group Data Split

The result columns can be **sorted** or **unsorted** (see the check box in the macro).



2. Statistical Transform "Unindex > One Way"

From the Analysis ribbon, select Transform > Statistical > Unindex > One Way.



In the "Select Data" dialog, first select the factor column, then the data column, then the Output column, and click on finish.

To sort the results from the Statistical Transform:
From the Worksheet ribbon, in the Edit block select Sort.