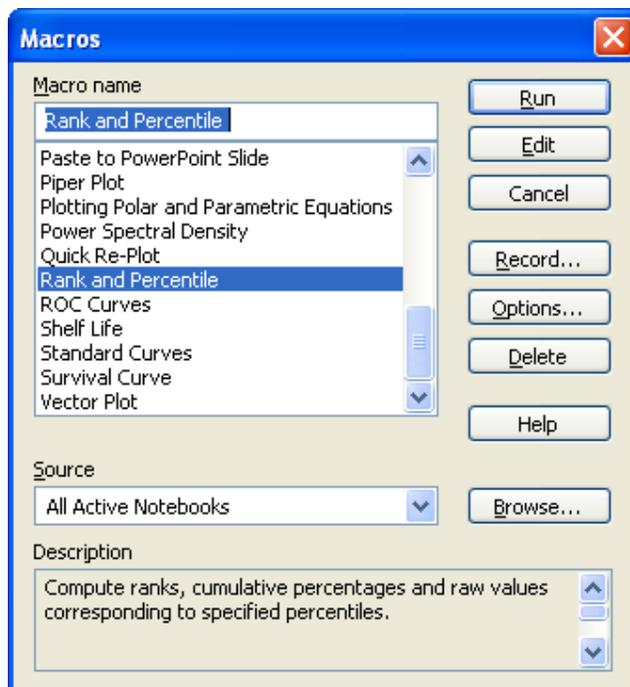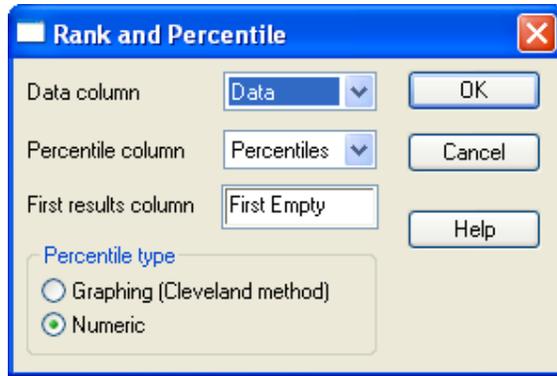# The „Rank and Percentile" macro

This macro computes ranks and cumulative percentages for a specified data column, and also reports the values for specified percentiles.

Sample data:

	1-Data	2-Percentiles
1	12,0000	25,0000
2	25,0000	50,0000
3	7,0000	75,0000
4	3,0000	
5	48,0000	
6	45,0000	
7	61,0000	
8	40,0000	
9	1,0000	
10	26,0000	

Open the „ Rank and Percentile " macro with a click on „Macros" in the Toolbox ribbon, and run it with a click on „Run",

Accept or modify the settings for Data and Percentiles, click on OK, and the calculated values are written into the worksheet.

	1-Data	2-Percentiles	3-Position	4-Sorted Data	5-Rank	6-Cumulative %	7-Percentiles	8-Value
1	12,0000	25,0000	9,0000	1,0000	1,0000	10,0000	25,0000	6,0000
2	25,0000	50,0000	4,0000	3,0000	2,0000	20,0000	50,0000	25,5000
3	7,0000	75,0000	3,0000	7,0000	3,0000	30,0000	75,0000	45,7500
4	3,0000		1,0000	12,0000	4,0000	40,0000		
5	48,0000		2,0000	25,0000	5,0000	50,0000		
6	45,0000		10,0000	26,0000	6,0000	60,0000		
7	61,0000		8,0000	40,0000	7,0000	70,0000		
8	40,0000		6,0000	45,0000	8,0000	80,0000		
9	1,0000		5,0000	48,0000	9,0000	90,0000		
10	26,0000		7,0000	61,0000	10,0000	100,0000		

Note
For the difference of percentile calculation methods („Percentile type") see „Computing Percentile Methods" in the SigmaPlot Online Help.