

## Neighbour clusters tool

This tool can be used to:

- Perform VNC analysis.
- Visualise results of the analysis as a tree plot (dendrogram).

Instructions:

1) Copy-paste data in the text-box in the following format directly from a spreadsheet.

	A	B	C
1	ID	Year	Frequency
2	1	1600	9.39
3	2	1610	23.4
4	3	1620	77.71
5	4	1630	161.93
6	5	1640	309.79
7	6	1650	515.86
8	7	1660	652.86
9	8	1670	694.93
10	9	1680	673.6
11	10	1690	751.37

ID column

Time  
period

Relative  
frequency

2) Select parameters

Currently, the available choice is between standard deviation (*SD*) and coefficient of variation (*CV*) as the distance measure. Clustering method is set to Average linkage, which calculates the mean values for *SD* and *CV* when two points are merged.

2. Select parameters.

Distance measure:  ▾

Clustering method:  ▾

### 3) Click on 'Analyse'.

1. Paste tab delimited data including header row and id column. For help click [here](#).

ID	Year	Frequency
1	1600	9.39
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3	1620	77.71
4	1630	161.93
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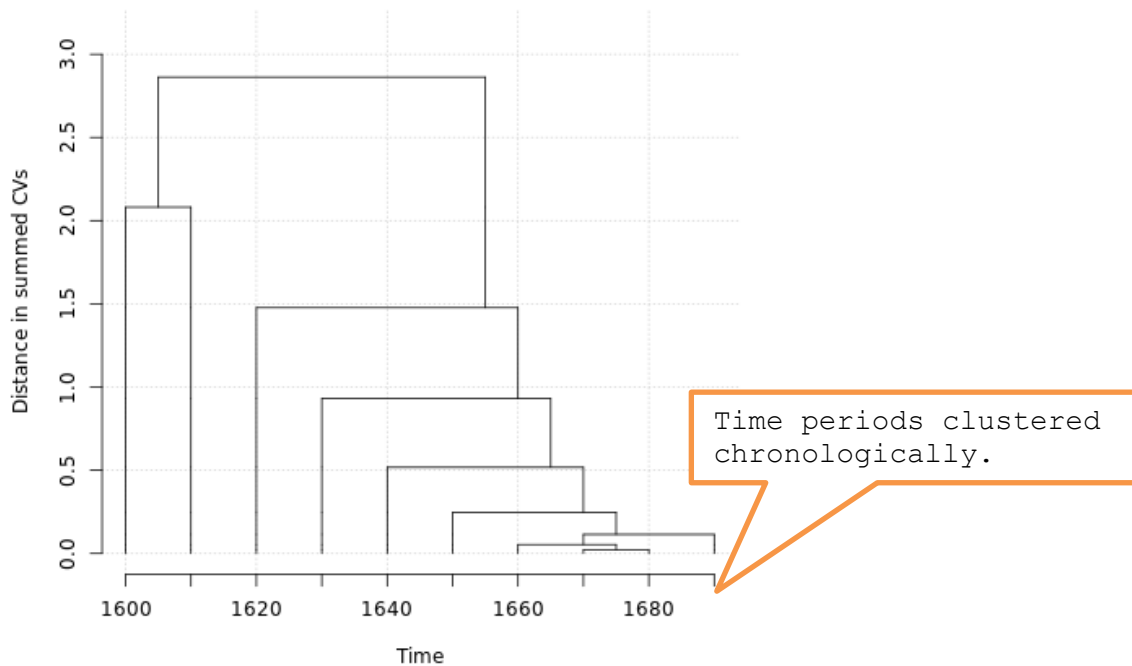
2. Select parameters.


Distance measure:

Clustering method:

### 4) The output

The output is in the form of a tree plot (dendrogram). It only clusters data points if they are chronologically contiguous.



 R code that performs the analysis can be viewed and copied when going with the mouse pointer to [R code](#)