

# Correlation analysis

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## Complete free website on conducting statistics with Excel

[Real Statistics](#)

## PSPP software, the free and open source alternative to SPSS by IBM.

[Download page Tutorial](#)

## Choosing Between Spearman's and Pearson's Correlation?

[A great blog post](#) explaining how to choose the proper type of correlation.

## Youtube video

A very clear video on using Excel to compute a correlation:

The screenshot shows an Excel spreadsheet with the following data in columns A-D:

	A	B	C	D
1	X	None	Positive	Negative
2	150	193	170	110
3	75	26	110	100
4	85	178	70	140
5	165	60	160	90
6	60	135	70	180
7	55	98	40	130
8	171	72	180	60
9	100	213	90	100
10	88	204	90	140
11	139	106	140	90
12	129	162	150	100
13	142	182	140	100
14	73	58	120	150
15	155	198	170	80
16	69	132	90	110
17	157	115	190	60
18	148	175	180	80
19	90	186	140	120
20	75	150	70	190
21	55	175	90	130

The 'Correlations' table in columns F-G is:

	F	G
None		1,B2:B16
Positive		
Negative		

The Formula Builder pane on the right shows the CORREL function being configured with array1 as A2:A21 and array2 as B2:B16.

# online book accessible from the library

Marketing research with SPSS.

This book is about SPSS but PSPP is exactly the same so the book should be very useful.

## To go further

Find other methodology lessons [here](#).



This course is designed by [Clement Levallois](#), and check [my free web app for data analysis](#).