

احسب معامل فاي للبيانات التالية

التعليم	قليل	كثير	المجموع
أبي	10	8	18
متعلم	13	12	25
المجموع	23	20	43

$$\frac{10 * 12 - 8 * 13}{\sqrt{18 * 25 * 20 * 23}} = \frac{16}{\sqrt{207000}} = \frac{16}{454.97} = 0.035$$

الرابط التالي يأخذك إلى موقع لحساب معامل فاي

<http://vassarstats.net/tab2x2.html>

To proceed, enter the values of X_0Y_1 , X_1Y_1 , etc., into the designated cells. When all four cell values have been entered, click the «Calculate» button. To perform a new analysis with a new set of data, click the «Reset» button.

The logic and computational details of the Chi-Square and Fisher tests are described in Chapter 8 and Subchapter 8a, respectively, of [Concepts and Applications](#). A briefer account of the Fisher test will be found toward the bottom of this page.

Data Entry

		X		Totals
		0	1	
Y	1	8	10	18
	0	12	13	25
Totals		20	23	43

Expected Cell Frequencies per Null Hypothesis

8.37	9.63
11.63	13.37

Buttons: Calculate, Reset

Chi-Square

Phi	Yates	Pearson
+0.04	0.01	0.05
P	0.920344	0.823063

Chi-square is calculated only if all expected cell frequencies are equal to or greater than 5. The Yates value is corrected for continuity; the Pearson value is not. Both probability estimates are non-directional.

1- ادخل البيانات (القيم) في المربعات

2- انقر على الزر "Calculate" وتعني احسب

3- قيمة معامل فاي

