

### UJI VALIDITAS ITEM NO. 1

<b>Responden</b>	<b>x</b>	<b>y</b>	<b>x<sup>2</sup></b>	<b>y<sup>2</sup></b>	<b>xy</b>
1	3	18	9	324	54
2	1	9	1	81	9
3	3	19	9	361	57
4	2	11	4	121	22
5	1	12	1	144	12
6	2	15	4	225	30
7	2	13	4	169	26
8	3	22	9	484	66
9	2	16	4	256	32
10	3	21	9	441	63
11	3	19	9	361	57
12	3	22	9	484	66
13	2	15	4	225	30
14	2	13	4	169	26
15	1	16	1	256	16
16	1	17	1	289	17
17	3	20	9	400	60
18	2	14	4	196	28
19	3	17	9	289	51
20	2	16	4	256	32
21	2	19	4	361	38
22	3	19	9	361	57
23	2	14	4	196	28
<b>Jumlah</b>	<b>51</b>	<b>377</b>	<b>125</b>	<b>6449</b>	<b>877</b>

$$\begin{aligned}
 r_{xy} &= \frac{N\Sigma xy - (\Sigma x)(\Sigma y)}{\sqrt{\{N\Sigma x^2 - (\Sigma x)^2\}\{N\Sigma y^2 - (\Sigma y)^2\}}} \\
 &= \frac{23.877 - (51)(377)}{\sqrt{\{23.125 - (51)^2\}\{23.6449 - (377)^2\}}} \\
 &= \frac{944}{\sqrt{1698252}} \\
 &= 0,724
 \end{aligned}$$