

### Hasil Test dan Retest

<b>Responden</b>	<b>X</b>	<b>Y</b>	<b>X<sup>2</sup></b>	<b>Y<sup>2</sup></b>	<b>X.Y</b>
1	68	67	4624	4489	4556
2	75	75	5625	5625	5625
3	76	76	5776	5776	5776
4	80	84	6400	7056	6720
5	71	76	5041	5776	5396
6	70	66	4900	4356	4620
7	77	77	5929	5929	5929
8	75	75	5625	5625	5625
9	78	76	6084	5776	5928
10	76	76	5776	5776	5776
<b>Total</b>	746	748	55780	56184	55951

$$r = \frac{n(\sum XY) - (\sum X)(\sum Y)}{\sqrt{(n\sum X^2 - (\sum X)^2)(n\sum Y^2 - (\sum Y)^2)}}$$

$$r = \frac{10 \cdot 55951 - (746)(748)}{\sqrt{\{10 \cdot 55780 - (746)^2\} \cdot \{10 \cdot 56184 - (748)^2\}}}$$

$$r = \frac{559510 - 558008}{\sqrt{\{557800 - 556516\} \cdot \{561840 - 559504\}}}$$

$$r = \frac{1502}{\sqrt{(1284)(2336)}}$$

$$r = \frac{1502}{\sqrt{2999424}}$$

$$r = \frac{1502}{1731,885}$$

$$r = 0,87$$