Berdasarkan tabel diatas untuk soal nomor satu didapatkan nilai-nilai:

$\sum\_{}^{}X$ = 96 $\sum\_{}^{}Y$ = 2058 $\sum\_{}^{}XY$ = 8030

$\sum\_{}^{}X^{2}$ = 388 $\sum\_{}^{}Y^{2}$ = 171870

$\sum\_{}^{}(X)^{2}$ = 9216 $\sum\_{}^{}(Y)^{2}$= 4235364

 Dengan menggunakan rumus korelasi *product moment*  untuk validitas angket diperoleh:

$r\_{xy}$ = $\frac{N \sum\_{}^{}XY –(\sum\_{}^{}X )(\sum\_{}^{}Y) }{\sqrt{\left\{N \sum\_{}^{}X^{2}- (\sum\_{}^{}X)^{2}\right\}\left\{N \sum\_{}^{}Y^{2}-(\sum\_{}^{}Y)^{2} \right\} }}$

= $\frac{25 \left(8030\right)- (96)(2058) }{\sqrt{\left\{25 \left(388\right) - (9216)\right\}\left\{25 \left(171870\right)- (4235364)\right\} }}$

= $\frac{200750-197568}{\sqrt{\left(9700-9216\right)(4296750-4235364) }}$

= $\frac{3182}{\sqrt{\left(484\right)(61386) }}$

= $\frac{3182}{\sqrt{29710824 }}$

= $\frac{3182}{5450,76}$

= 0,584

Berdasarkan tabel harga kritik r *product moment*  dengan taraf $α$ = 0,05 untuk n = 25 diperoleh $r\_{tabel}$ = 0,396 dan $r\_{hitung}$ = 0,584 untuk instrumen angket nomor 1, jadi $r\_{hitung} >$ $r\_{tabel}$ berarti anket nomor 1 valid. Perhitungan ini juga berlaku angket nomor 2 - 20. Adapun data validitas sebagai berikut.

**Tabel**

**Data Validitas Soal**

|  |  |  |  |
| --- | --- | --- | --- |
| No. Angket | $$r\_{hitung}$$ | $$r\_{tabel}$$ | Keterangan |
| 1 | 0,584 | 0,396 | Valid |
| 2 | 0,788 | 0,396 | Valid |
| 3 | 0,556 | 0,396 | Valid |
| 4 | 0,447 | 0,396 | Valid |
| 5 | 0,639 | 0,396 | Valid |
| 6 | 0,619 | 0,396 | Valid |
| 7 | 0,53 | 0,396 | Valid |
| 8 | 0,584 | 0,396 | Valid |
| 9 | 0,611 | 0,396 | Valid |
| 10 | 0,584 | 0,396 | Valid |
| 11 | 0,624 | 0,396 | Valid |
| 12 | 0,535 | 0,396 | Valid |
| 13 | 0,453 | 0,396 | Valid |
| 14 | 0,619 | 0,396 | Valid |
| 15 | 0,796 | 0,396 | Valid |
| 16 | 0,568 | 0,396 | Valid |
| 17 | 0,796 | 0,396 | Valid |
| 18 | 0,535 | 0,396 | Valid |
| 19 | 0,539 | 0,396 | Valid |
| 20 | 0,619 | 0,396 | Valid |