

## Lampiran 13

Tabel 13. Uji Reabilitas

No. Resp.	X	Y	X <sup>2</sup>	Y <sup>2</sup>	XY
1	15	14	225	196	210
2	14	15	196	225	210
3	15	16	225	256	240
4	16	14	256	196	224
5	15	15	225	225	225
6	18	16	324	256	288
7	16	15	256	225	240
8	16	17	256	289	272
9	20	18	400	324	360
10	17	18	289	324	306
11	18	17	324	289	306
12	20	18	400	324	360
13	19	19	361	361	361
14	20	19	400	361	380
15	20	20	400	400	400
<b>Jumlah</b>	<b>259</b>	<b>251</b>	<b>4537</b>	<b>4251</b>	<b>4382</b>

Diketahui :

$$n = 15$$

$$\sum X = 259$$

$$\sum Y = 251$$

$$\sum X^2 = 4537$$

$$\sum Y^2 = 4251$$

$$\sum XY = 4382$$

Rumus Pearson :

$$\begin{aligned} r &= \frac{n \cdot \sum XY - (\sum X)(\sum Y)}{\sqrt{\{n \cdot \sum X^2 - (\sum X)^2\}\{n \cdot \sum Y^2 - (\sum Y)^2\}}} \\ &= \frac{15 \cdot 4382 - (259)(251)}{\sqrt{\{15 \cdot 4537 - (259)^2\}\{15 \cdot 4251 - (251)^2\}}} \\ &= \frac{65730 - 65009}{\sqrt{(68055 - 67081)(63765 - 63001)}} \\ &= \frac{721}{\sqrt{(974)(764)}} \\ &= \frac{721}{\sqrt{744136}} \\ &= \frac{721}{862,63} \\ &= 0,836 \end{aligned}$$

Dari data tersebut diperoleh  $r_{hitung} = 0,836$  sedangkan  $r_{tabel}$  untuk  $n = 15$  dan  $\alpha = 0,05$  adalah  $0,514$  berarti  $r_{hitung} > r_{tabel}$ , berarti data tersebut Reliabel.