Lampiran 05 Pengujian Parsial (Uji t)

**HASIL UJI PARSIAL ( UJI T) SECARA MANUAL VARIABEL X TERHADAP Y**

$$t= \frac{r\sqrt{n-2}}{\sqrt{1+ r^{2}}}$$

Diketahui:

$n$ = 68 $\sum\_{}^{}X$ = 2487 $\sum\_{}^{}Y$ = 2520

$\sum\_{}^{}X^{2}$ = 93045 $\sum\_{}^{}Y^{2}$ = 94892 $\sum\_{}^{}XY$ = 93623

Ditanya: t...............................?

Jawab:



$r= \frac{68\left(93623\right)-\left(2487\right)(2520)}{\sqrt{\{68\left(93045\right)-\left(2487)^{2}\right\}\{68\left(94892\right)- (2520)^{2}\}}}$

$$ =\frac{6366364-6267240}{\sqrt{\left(6327060-6185169\right)(6452656-6350400)}}$$

$=\frac{99124}{\sqrt{\left(141891\right)(102256)}}$ = $\frac{99124}{120454,166}$ = **0,822918818**

$$t= \frac{r\sqrt{n-2}}{\sqrt{1- r^{2}}}$$

= $\frac{0,822918818 \sqrt{68-2}}{\sqrt{1-(0,822918818)^{2}}}$

=$\frac{\left(0,822918818\right)(8,124038405)}{\sqrt{1-0,677195381}}$

=$\frac{6,685424081}{0,568158972}$

=11,76681951