**HASIL PERHITUNGAN SECARA MANUAL**

**Lampiran**

**HASIL PENGUJIAN VALIDITAS SECARA MANUAL DENGAN**

**MENGGUNAKAN RUMUS PRODUCT MOMENT**

1. Pernyataan 1

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

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,808

1. Pernyataan 2

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,872

1. Pernyataan 3

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,820

1. Pernyataan 4

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,6808409 dibulatkan menjadi 0,681

1. Pernyataan 5

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,944971 dibulatkan menjadi 0,945

1. Pernyataan 6

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,936

1. Pernyataan 7

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,380

1. Pernyataan 8

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,907

1. Pernyataan 9

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,820

1. Pernyataan 10

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,944971 dibulatkan menjadi 0,945

1. Pernyataan 11

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,471

1. Pernyataan 12

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,350

**HASIL PENGUJIAN RELIBILITAS SECARA MANUAL**

dengan rumus varians 

1. Pernyataan 1

 =





1. Pernyataan 2

 =





1. Pernyataan 3

 =





1. Pernyataan 4

 =





1. Pernyataan 4

 =





1. Pernyataan 5

 =





1. Pernyataan 7

 =





1. Pernyataan 8

 =





1. Pernyataan 9

 =





1. Pernyataan 10

 =





1. Pernyatan 11

 =





1. Pernyataan 12

 =





 = 0,542 + 0,535 + 0,478 + 0,343 + 0,535 + 0,656 + 0,408 + 0,633 + 0,478 + 0,535 + 0,419 + 0.599

 = **6,161**

 =

 



















**HASIL PENGUJIAN VALIDITAS SECARA MANUAL DENGAN**

**MENGGUNAKAN RUMUS PRODUCT MOMENT**

1. Pernyataan 1

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,5037 dibulatkan menjadi **0,504**

1. Pernyataan 2

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,8495 dibulatkan menjadi **0,850**

1. Pernyataan 3

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ **0,807**

1. Pernyataan 4

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,8557 dibulatkan menjadi **0,856**

1. Pernyataan 5

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,54357 dibulatkan menjadi **0,544**

1. Pernyataan 6

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 

$r\_{xy}=$ 0,5265 dibulatkan menjadi **0,527**

**HASIL PENGUJIAN RELIBILITAS SECARA MANUAL**

dengan rumus varians 

1. Pernyataan 1

 =





1. Pernyataan 2

 =





1. Pernyataan 3

 =





1. Pernyataan 4

 =





1. Pernyataan 5

 =





1. Pernyataan 6

 =





 = 0,408 + 0,633 + 0,478 + 0,535 + 0,419 + 0,599

 = **3,072**

 =

 

















**PERHITUNGAN UJI REGRESI LINERA SEDERHANA**

**SECARA MANUAL**

a = 

a = 

a = 

a = 

a = **3,261**

b = 

b = 

b = 

b = 

b = **0,434**

Berdasarkan perhitungan diatas diperoleh persamaan regresi sebagai berikut:

Y = a + bX

**Y = 3,261 +0,434 X**

**PERNGUJIAN PARSIAL (UJI t)**

**SECARA MANUAL**



Diketahui:

n = 35 ∑X2 = 79998

∑XY = 40140 ∑Y2 = 20176

∑X = 1658

∑Y = 834

Ditanya:

t = ........?

Jawab:

r = 

r = 

r = 

r = 

r = 

r = 

**r = 0,9518** dibulatkan menjadi **0,952**







*t* = **17,836**

**HASIL UJI DETERMINASI SECARA MANUAL**

D = R2 x 100%

Diketahui :

R = 0,958

Ditanya:

D = .......?

Jawab:

D = R2 x 100%

D = (0,952)2 x 100%

D = 0,906 x 100%

D = **0,906**