

Soal Quiz (REGRESI TUNGGAL) :

No	X	Y
1	2	4
2	4	5
3	3	6
4	5	7
5	6	8
6	7	3
7	6	2
8	5	1
9	4	9
10	3	9

Jika X adalah jumlah uang beredar

Y adalah inflasi

Hitung nilai x dan Y

Hitung tabel anova hanya sampai F_{sign} (*Garis putus-putus di bawah ini*)

- Menghitung tabel anova

Sumber Variasi	dk	Jumlah Kuadrat (JK)	Rata-Rata Jumlah Kuadrat (RJK)	F
Total	n	$\sum Y_i^2$		
Regresi (a)	1	$JK_{(\text{reg a})} = \frac{(\sum Y_i)^2}{n}$	$RJK_{(\text{reg a})} = JK_{(\text{reg a})}$	$F_{(\text{sign})} = \frac{RJK_{(\text{reg a})}}{RJK_{(\text{reg (b a)})}}$
Regresi (b a)	1	$JK_{(\text{reg (b a)})} = b \cdot \sum X_i Y_i - \frac{(\sum X_i) \cdot (\sum Y_i)}{n}$	$RJK_{(\text{reg (b a)})} = JK_{(\text{reg (b a)})}$	
Residu	n-2	$JK_{\text{res}} = \sum Y_i^2 - JK_{(\text{reg (b a)})} - JK_{(\text{reg a})}$	$RJK_{(E)} = \frac{JK_{\text{res}}}{n-2}$	
Tuna Cocok (TC)	k-2	$JK_{(TC)} = JK_{(\text{res})} - JK_{(E)}$	$RJK_{(TC)} = \frac{JK_{(TC)}}{k-2}$	$F_{(\text{line})} = \frac{RJK_{(TC)}}{RJK_{(E)}}$
Kekeliruan (E)	n-k	$JK_{(E)} = \sum(\sum Y_i^2) - \frac{(\sum Y_i)^2}{n}$	$RJK_{(E)} = \frac{JK_{(E)}}{n-k}$	

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