

Sumber keragaman	Jumlah kuadrat	Derajat bebas	Kuadrat tengah
Nilai tengah baris	46.823	$4-1 = 3$	$46.823 : 3 = 15.607,91$
Nilai tengah kolom	19.623	$3-1 = 2$	$19.623 : 2 = 9.811,15$
Interaksi	7.843	$3 \times 2 = 6$	$7.843 : 6 = 1.307,116$
Salat	35.739	$4 \times 3 \times 2 = 24$	$35.739 : 24 = 1.489,125$
Total	100.023	$4 \times 3 \times 2 = 24$	

hitung	F _{tab}
$15.607,91 : 1.072,25 = 14.555$	3.01
$9.811,15 : 1.072,25 = 9.150$	3.90
$1.307,116 : 1.072,25 = 1.219$	3.51

Hipotesis:

Jika $F_{hitung} > F_{tab}$ maka tolak H_0

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Tugas STATISTIKA

Jenis pakan

	A	B	C	Total
	150	200	270	
Pakan A	190	240	170	1.610
	120	180	140	
	170	240	260	
Pakan B	100	180	190	1.700
	130	220	210	
	90	120	100	
Pakan C	120	150	50	870
	60	100	80	
	140	210	160	
Pakan D	80	160	150	1.300
	110	140	120	

	V1	V2	V3	Total
P1	960	620	370	1.610
P2	900	690	660	1.700
P3	270	370	230	870
P4	330	510	460	1.300
Total	1.460	2.190	1.830	5.480

$$\frac{5.480^2}{360} = 839.177$$

$$JK_T = 150^2 + 190^2 + \dots + 120^2 = 939.200 - 839.177$$

$$= 100.023$$

$$JK_B = 1.610^2 + 1.700^2 + 870^2 + 1.300^2 = 7.979.000 : 3$$

$$= 881.000 - 839.177$$

$$= 46.823$$

$$JK_K = 1.460^2 + 2.190^2 + 1.830^2 = 10.295.600 : 3$$

$$= 853.800 - 839.177$$

$$= 19.623$$

$$JK(BK) = 960^2 + 900^2 + \dots + 960^2 = 2.725.400 : 3$$

$$= 908.466 - 881.000 - 853.800$$

$$+ 839.177 = 7.893$$

$$JK_G = 100.023 - 46.823 - 19.623 - 7.893$$

$$= 25.739$$

