

Nama : Syarifah Aini

NPM : 2014201008

UAS Statistika 23 Desember 2021

1.	Jenis	Varietas (kan)		Nilai	Total
	Filter	Best	Geist	Antah	
		150	90	140	
	Filter A	190	120	80	1060
		120	60	110	
		200	120	210	
	Filter B	240	150	160	1500
		180	100	140	
		220	100	190	
	Filter C	170	50	150	1220
		140	80	120	
	Total	1610	870	1300	3780

B. Data diatas merupakan bentuk data skala nominal

b. Penelitian diatas merupakan statistika parametrik * karena mempertimbangkan nilai data

c. Hipotesis :

$$JKT = 150^2 + 190^2 + 120^2 + 90^2 + 120^2 + \dots + 120^2 - \frac{3780^2}{27} = 63000$$

$$JKB = \frac{1060^2}{9} + \frac{1500^2}{9} + \frac{1220^2}{9} - \frac{3780^2}{27} = 11022,22$$

$$JKK = \frac{1610^2}{9} + \frac{870^2}{9} + \frac{1300^2}{9} - \frac{3780^2}{27} = 30688,88$$

$$JK(BK) = \frac{460^2}{3} + \frac{270^2}{3} + \frac{330^2}{3} + \frac{510^2}{3} - \frac{540222,22}{3} - \frac{89888,88}{3} - \frac{529}{3} - \frac{200}{3}$$
$$= 405400 - 540222,22 - 89888,88 - 529 - 200$$