Kelas	F_i	BBK	BAK	TBK	TAK	FK	FR	FK<	FK>	FR<	FR>	X_i	$F_i.X_i$	$\bar{x}$	$x_i-\bar{x}$	$\lvert x_i-\bar{x}\rvert$	$f_i.\lvert x_i-\bar{x}\rvert$	$(x_i-\bar{x})^2$	$f.(x_i-\bar{x})^2$	$(m_i-\bar{x})^3$	$f.(m_i-\bar{x})^3$	$(x_i-\bar{x})^4$	$f.(x_i-\bar{x})^4$
22 - 31	5	22	31	21,5	31,5	5	10%	0	49	0%	98%	26,5	132,5	55	-28	28	140	784	3920	21952	109760	614656	3073280
32 - 41	7	32	41	31,5	41,5	12	14%	5	44	10%	88%	36,5	255,5	55	-18	18	126	324	2268	5832	40824	104976	734832
42 - 51	9	42	51	41,5	51,5	21	18%	12	37	24%	74%	46,5	418,5	55	-8	8	72	64	576	512	4608	4096	36864
52 - 61	11	52	61	51,5	61,5	32	22%	21	28	42%	56%	56,5	621,5	55	2	2	22	4	44	8	88	16	176
62 - 71	9	62	71	61,5	71,5	41	18%	32	17	64%	34%	66,5	598,5	55	12	12	108	144	1296	1728	15552	20736	186624
72 - 81	8	72	81	71,5	81,5	49	16%	41	8	82%	16%	76,5	612	55	22	22	176	484	3872	10648	85184	234256	1874048
82 - 91	1	82	91	81,5	91,5	49	2%	49	0	98%	0%	86,5	86,5	55	32	32	32	1024	1024	32768	32768	1048576	1048576
Jumlah	50												2725				676		13000		288784		6954400

Kuartil 1 | Desil 1 | Prentil 1

Median | Modus

Rata rata hitung = 54,5

Ukuran data dikelompokan

Rumus rumus:

Rumus rata − rata hitung

$$\bar{x} = \frac{\sum f_i . x_i}{\sum f_i}$$

Rumus Median

$$Med = l_m + \frac{\left(\frac{n}{2} - \sum f\right)}{f_m} c$$

Rumus Median

$$Mod = l_{mo} + \frac{d_1}{d_1 + d_2} . c$$

Rumus Kuartil

$$Q_i = l_Q + \frac{\left(\frac{iN}{4} - \sum f\right)}{f_q} c$$

Rumus Desil

$$D_i = l_d + \frac{\left(\frac{iN}{10} - \sum f\right)}{f_d} c$$

Rumus Presentil

$$P_i = l_p + \frac{\left(\frac{iN}{100} - \sum f\right)}{f_p} c$$

Mean	55								
Median		Modus		Kuartil 1		Desil 1		Prentil 1	
N/2	25	Mod	11	Q_1	12,5	d_1	5	p_1	0,5
L_m	52	L_{mo}	51,5	L_q	31,5	L_d	31,5	L_p	31,5
F_m	11	d_1	2	F_q	7	F_d	7	F_p	7
C	10	d_2	2	C	10	C	10	C	10
Σf	21	C	10	Σf	5	Σf	5	Σf	5
Median	55	Modus	56,5	Kuartil 1	42,2143	Desil 1	31,5	Prentil 1	25,0714

Ukuran dispresi

Rumus rata − rata hitung

$$\bar{x} = \frac{\sum f_i . x_i}{\sum f_i}$$

Rumus simpangan rata -rata

$$SR = \frac{\sum f_i |x_i - \bar{x}|}{\sum f_i}$$

Rumus varansi

$$s^2 = \frac{1}{n-1} \Sigma f(x_i - \bar{x})^2$$

Rumus simpangan baku

$$(s) = \sqrt{s^2}$$

Rata rata hitung	54,5
Simpangan rata-rata	13,52
Variansi	265,306
Simpangan baku	16,2882

Kemiringan dan keruncingan

Distribus Kemiringan

$$\alpha_4 \frac{1}{nS^3} \sum f_i (m_i - \bar{x})^3$$

Distribus keruncingan

$$\alpha_4 \frac{1}{nS^4} \sum f_i (m_i - \bar{x})^4$$

kemiringan data kelompok	0,00053	Distribusi data miring ke kanan
keruncingan data kelompok	1,6E-05	Distribusi keruncingan data disebut platikurtis