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Group A:					
CL	f_1	x	$f_1 x$	$ x - \bar{x}_2 $	$(x - \bar{x}_2)^2$
1-5	0	3	0	14.83	219.93
6-10	7	8	56	9.83	96.63
11-15	10	13	130	4.83	23.33
16-20	2	18	36	0.17	0.03
21-25	1	23	23	5.17	26.73
26-30	5	28	140	10.17	103.43
31-35	4	33	132	15.17	230.13
	29		517		2374.17

$$\text{Mean } (\bar{x}_2) = \frac{\sum f_1 x}{\sum f_1} = \frac{517}{29} = 17.83$$

$$S.D_2 = \sqrt{\frac{\sum f_1 (x - \bar{x}_2)^2}{\sum f_1}} = \sqrt{\frac{2374.17}{29}} = \sqrt{81.87} = 9.05$$

$$C.V_2 = \frac{S.D_2}{\bar{x}_2} \times 100 = \frac{9.05}{17.83} \times 100 = 50.76$$

Group B						
CL	f_2	x	$f_2 x$	$ x - \bar{x}_2 $	$(x - \bar{x}_2)^2$	$f_2 (x - \bar{x}_2)^2$
1-5	2	3	6	17.14	293.78	587.56
6-10	4	8	32	12.14	147.38	589.52
11-15	7	13	91	7.14	50.98	356.86
16-20	20	18	360	2.14	4.58	91.60
21-25	16	23	368	2.86	8.18	130.88
26-30	10	28	280	7.86	61.78	617.80
31-35	4	33	132	12.86	165.38	661.52
	63		1269			3035.74

$$\text{Mean } (\bar{x}_2) = \frac{\sum f_2 x}{\sum f_2} = \frac{1269}{63} = 20.14$$

$$S.D_2 = \sqrt{\frac{\sum f_2 (x - \bar{x}_2)^2}{\sum f_2}} = \sqrt{\frac{3035.74}{63}} = \sqrt{48.19} = 6.94$$

$$C.V_2 = \frac{S.D_2}{\bar{x}_2} \times 100 = \frac{6.94}{20.14} \times 100 = 34.46$$

iii) Group B has less variable distribution than Group A because its Coefficient of Variation is smaller.