Mean (x̄) $= \frac{\sum fx}{\sum f} = \frac{1267}{63} = 20.14$

∴ Mean for group B 11. 2014

Standard Deviation $= \frac{\sum f(x - \bar{x})}{\sum f - 1}$

$= \frac{-0.78}{63-1}$

$= \frac{-0.78}{62} = 0.01$

Coefficient of variation for group A

$= \frac{0.10}{17.83} \times 100$

$= 0.56$ %

Group B has less variable distribution

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Bio Medical Engineering

1)

Cl	Group A	x	fx	$x - \bar{x}$	$f(x-\bar{x})$
				-14.83	
1-5	0	3	56	-9.85	-68.81
6-10	7	8	130	-4.53	-45.3
11-15	10	13	36	0.17	10.37
16-20	2	18	23	5.17	5.17
21-25	1	23	140	10.17	50.85
26-30	5	28	132	15.17	60.68
31-35	4	33			2.93
			517	1.49	
	29				

$$Mean(\bar{x}) = \frac{\Sigma fx}{\Sigma f} = \frac{517}{29} = 17.83$$

∴ Mean for Group A is 17.83

$$S.D = \frac{\Sigma f(x-\bar{x})}{\Sigma f - 1} = \frac{2.93}{29-1} = 0.10$$

Cl	Group B	x	fx	$x - \bar{x}$	$f(x-\bar{x})$
1-5	2	3	6	-17.14	-34.28
6-10	4	8	32	-12.14	-48.56
11-15	7	13	91	-7.14	-49.98
16-20	20	18	360	-2.14	-42.8
21-25	16	23	368	2.86	45.8
26-30	10	28	280	7.86	78.6
31-35	4	33	132	12.16	1.44
					-0.98