

Diego Eduardo Cruz Aguilar

20, 25, 13, 2, 45, 75, 8, 6, 20, 25, 20, 32, 16, 25
 12, 6, 8, 25, 40, 35, 45, 15, 15, 12, 8, 16, 25, 2
 35, 8, 8, 10, 25, 13, 12, 45, 75, 8, 6, 20, 25, 20, 32, 16
 25, 12, 6, 8, 20, 40, 35, 45, 15, 15, 12

X_i	F_i	F_i	F_r	%	\bar{X}	$\bar{X} = 21.94$
5	3	3	0.05	5%	15	$M_C = 20$
6	4	7	0.07	7%	24	$M_D = 25$
8	5	12	0.08	8%	40	$s^2 = 234.85$
12	6	18	0.10	10%	72	$s = 15.31$
13	2	20	0.03	3%	26	$30\% = 12$
15	4	24	0.07	7%	60	$55\% = 20$
16	3	27	0.05	5%	48	$75\% = 25$
20	7	34	0.12	12%	140	
25	9	43	0.16	16%	225	
32	2	45	0.03	3%	64	
35	3	48	0.05	5%	105	
40	2	50	0.03	3%	80	
45	4	54	0.07	7%	180	
75	2	56	0.03	3%	150	

$$1229 \div 56 \bar{X} = 21.94$$

$$P_{30} = \frac{30(56)}{100} = 16.8 \Rightarrow 17^{\#}$$

$$P_{55} = \frac{55(56)}{100} = 30.8 = 31^{\#}$$

$$P_{75} = \frac{75(56)}{100} = 42 = 42^{\#}$$