

# UTS STATISTIKA

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Date :

1 a. karena sample lebih di khususkan atau lebih terperinci sebab populasi lebih umum dan telalu luas maka dalam penelitian menggunakan sample

b. - daftar pertanyaan - dokumentasi  
- wawancara - tes  
- observasi  
- Angket

2 e. Berat badan - Data ~~kuantitatif~~ <sup>kuantitatif</sup> - Rasio  
f. golongan darah Data kualitatif nominal  
g. IQ Data kualitatif interval  
h. Tingkat Pendidikan Data kualitatif ordinal

3 e  $1 + 3.322 \log(n)$   
=  $1 + 3.322 (1.4989)$   
= 6.6439  
= 6 kelas

f  $\frac{20-1}{5} = 3.8$   
= interval 4

H  $18/50 \times 100\% = 0.2\%$

g

Interval	Frequency
0.5 - 3.5	5
4.5 - 7.5	12
8.5 - 11.5	23
12.5 - 15.5	8
16.5 - 20	2

SEGITIGA

Date :

$$a = 8.5 + 4 \frac{11}{11+19} = 8.5 + 4 \cdot \frac{11}{30} = 8.5 + 1.467 = 10.0$$

$$8.5 + 4 \left( \frac{11}{26} \right) = 8.5 + 1.692 = 10.192$$

$$b \quad Q_2 = 2 \times 50 / 40 = 25$$

$$8.5 + 4 \frac{25-17}{8} = 8.5 + 4 \cdot \frac{8}{8} = 8.5 + 4 = 12.5$$

$$8.5 + 4 \left( \frac{8}{8} \right) = 12.5$$

$$c \quad 30 \times 50 / 100 = 15$$

$$4.5 + 4 \frac{15-5}{17} = 4.5 + 4 \cdot \frac{10}{17} = 4.5 + 2.352 = 6.852$$

$$4.5 + 4 \left( \frac{10}{17} \right) =$$

$$4.5 + 2.352 = 6.852$$

$$5 \quad 3 \text{ at } 8 \text{ to}$$

$$a \times \frac{30}{10} = 3$$

$$N_1 = 10 - 3 = 7$$

Date: \_\_\_\_\_

b 
$$\frac{10+8+5+4+3}{5} = 6$$

$$\frac{(10-6)^2 + (8-6)^2 + (5-6)^2 + (4-6)^2 + (3-6)^2}{5-1}$$

$$\frac{4^2 + 2^2 + (-1)^2 + (-2)^2 + (-3)^2}{4}$$

$$\frac{34}{4} = 8,5$$

c 
$$\sqrt{8,5} = 2,915$$

$$= \left( \frac{01}{11} \right)$$

$$228,2 = 228,2 + 2,2$$

$$8 = \frac{8 \cdot 100}{10}$$

$$7 = 2 - 01 = 10$$