



AME University
2nd semester, 2018-19
EDUC 309
Educational Statistics

1. Assignment

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Descriptive statistics

Assume the following observation $X' = \{4, 8, 10, 20\}$. Answer the following equations using X' as data.

$$x_a = \frac{n}{2} \cdot \sum_{i=1}^n (2 \cdot x_i) \quad (1)$$

$$x_b = n^2 \cdot \sum_{i=1}^n \left(\frac{n}{x_i}\right) \quad (2)$$

$$x_c = \frac{2n}{3} \cdot \sum_{i=1}^n \left(10 - \frac{2x_i}{n}\right) \quad (3)$$

$$x_d = \sum_{i=1}^n (x_i) + \sum_{i=1}^n \left(\frac{x_i}{2}\right) \quad (4)$$

Submit your assignment either on paper at the beginning of the next class or send it to the course email before the next class.

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