

sample  
mid term

#2

✓ 65. Use the given information to answer the following questions:

X	0	1
f	10	1

ungrouped data w/ f. tuto

check all

Range ✓

$$\max X - \min X = 1$$

Variance

$$S^2 = \frac{n(\sum X^2) - (\sum X)^2}{n(n-1)}$$

$$\frac{2(1) - (1)^2}{2(2-1)} = \frac{2-1}{2(1)} = \frac{1}{2} =$$

$$= 0.5$$

how far the numbers vary from mean

OK.

XX?

n	X	X <sup>2</sup>	f
1	0	0	1
2	1	1	10
Σ	1	1	11

CR. 7

Standard Deviation square root of variance

$$S = \sqrt{.5} = .707$$

make sure variance is correct (prior question)