Friday, January 25, 2019

- Warm-up

  $$\sqrt{(0-3.24)^2(0.001) + (1-3.24)^2(0.032) + \cdots}$$

  - Indiana University Bloomington posts the grade distributions for its courses online. Suppose we choose a student at random from a recent semester of this university's Business Statistics course. The student's grade on a 4-point scale (with A = 4) is a random variable X with this probability distribution:

Value	0	1	2	3	4
Probablity	0.001 +	0.032 + 0.148 +	0.362 +	0.457 = 1	

    - Find the probability of a student receiving a value of 2
    - Calculate the expected value of this distribution $(0 \cdot 0.001) + (1 \cdot 0.032) + \cdots$
    - Calculate the standard deviation of this distribution $= 3.24$

- Talk about Tests...

Indiana University Bloomington posts the grade distributions for its courses online. Suppose we choose a student at random from a recent semester of this university's Business Statistics course. The student's grade on a 4-point scale (with A = 4) is a random variable X with this probability distribution:

Value	0	1	2	3	4
Probablity	0.001	0.032		0.362	0.457

- Find the probability of a student receiving a value of 2
- Calculate the expected value of this distribution

- Calculate the standard deviation of this distribution

Tests

- On your own paper, set up a table like:

Problem Number (multiple part questions each need their own space)	Question/Answer Rewrite the problem you answered incorrectly with the CORRECT ANSWER.	Student Reflection Think about why you answered the question incorrectly. Select a reflection choice that identifies why you got the problem wrong.

Correct (at least) 2 MC and your lowest FR

1. I read the question incorrectly.
2. I misread the answer I selected.
3. I did not read all the available choices. *(for multiple choice questions only)*
4. I did not study this particular topic enough.
5. I need to put more detail into my answer.
6. I need to write my answer in a complete sentence.
7. I did not understand what the question was asking.
8. Other… (If you choose this selection, you must include a detailed written respo

- Then fix (with work) at least 2 multiple choice questions and your worst free response.

Objectives:
Content: I will reflect on and correct my thinking from the test.
Social: I will be positive and help others think through their errors.
Language: I will clearly write about my strengths and weaknesses.