

Quiz 11: Data Uncertainty

Due Dec 1 at 4:15pm

Points 15

Questions 5

Available Nov 30 at 5pm - Dec 1 at 5pm 24 hours

Time Limit 60 Minutes

Instructions

You know the drill: 60 minutes to take it, and a day to finish it.

This quiz was locked Dec 1 at 5pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	19 minutes	13.5 out of 15

Score for this quiz: **13.5** out of 15

Submitted Dec 1 at 1:26pm

This attempt took 19 minutes.

Correct!

Question 1

3 / 3 pts

In this class we have discussion spatial autocorrelation. This concept is partly embodied in Tobler's 1st Law of Geography, but it can also be expressed mathematically as the the strength of association between an expected value and an observed value contingent upon the value of neighbor(s), or otherwise known as lag.

☒ True

☐ False

Question 2**1.5 / 3 pts**

Precision is the “sharpness” of a measurement and can be described statistically by Accuracy or the dispersion of a distribution.

Answer 1:

Precision

Answer 2:

Accuracy

kurtosis

Correct!**You Answered****Correct Answer****Question 3****3 / 3 pts**

A parametric statistical test is one that makes assumptions about the parameters (defining properties) of the population distribution(s) from which one's data are drawn and for practical purposes, you can think of “parametric” as referring to statistical tests that assume the underlying source population(s) to be normally distributed; they generally also assume that one's measures derive from an equal-interval scale and the samples are randomly drawn etc. If these data are not "normal", we refer to them as: _____.

non-parametric

Correct!**Correct Answers**

non parametric
non-parametric
nonparametric

Question 4**3 / 3 pts**

Stochasticity is just a jacked up academic word for random.

Correct!☒ True☐ False**Question 5****3 / 3 pts**

$$RMSE = \sqrt{\sum_{i=1}^n \frac{(e_i)^2}{n}}$$

RMSE, what does it stand for?

Correct!**Correct Answers**

root mean squared error

Root Mean Squared Error

root mean square error

Root Mean Square Error

Quiz Score: 13.5 out of 15