

## DQ: Climate (b)

⚠ This is a preview of the published version of the quiz

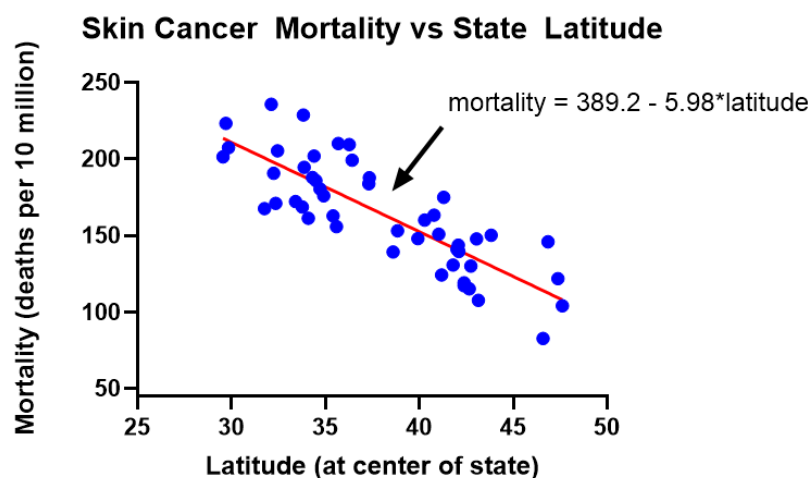
Started: May 6 at 11:35am

### Quiz Instructions

#### Question 1

1 pts

The graph below displays data for each of the 50 US states, on the rate of skin cancer mortality and the latitude of the state. Based on this graph, which of the following statements is true?



- ☐ For each additional degree of latitude north a state is, the skin cancer mortality rate drops by 5.98 deaths per 10 million.
- ☐ For each additional degree of latitude north a state is, the skin cancer mortality rate drops by 389.2 deaths per 10 million.
- ☐ For each additional degree of latitude north a state is, the skin cancer mortality rate increases by 389.2 deaths per 10 million.

- ☐ For each additional skin cancer death per 10 million, a state is 5.98 degrees farther north.

## Question 2

2 pts



Look back over your work from the "Temperature and carbon data in recent history" activity. Write a paragraph summarizing your findings on temperature and carbon. Make sure to draw on specific information from the data analysis to support your conclusions. (Aim for 150 words or more in length.)

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## Question 3

2 pts

Recall this excerpt from the textbook:

Commenting on climate change, Rick Perry [former governor of Texas and US secretary of energy] said in August 2011: "Yes, our climates change. They've been changing ever since the Earth was formed."




Comment on Rick Perry's quote in light of the Vostok ice data and its comparison to the recent climate data. Do you think Perry makes a valid point? Draw on specifics from your data analysis to support your points. (Aim for 150 words or more in length.)

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Quiz saved at 11:39am

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