

Data Is Insightful - Quiz

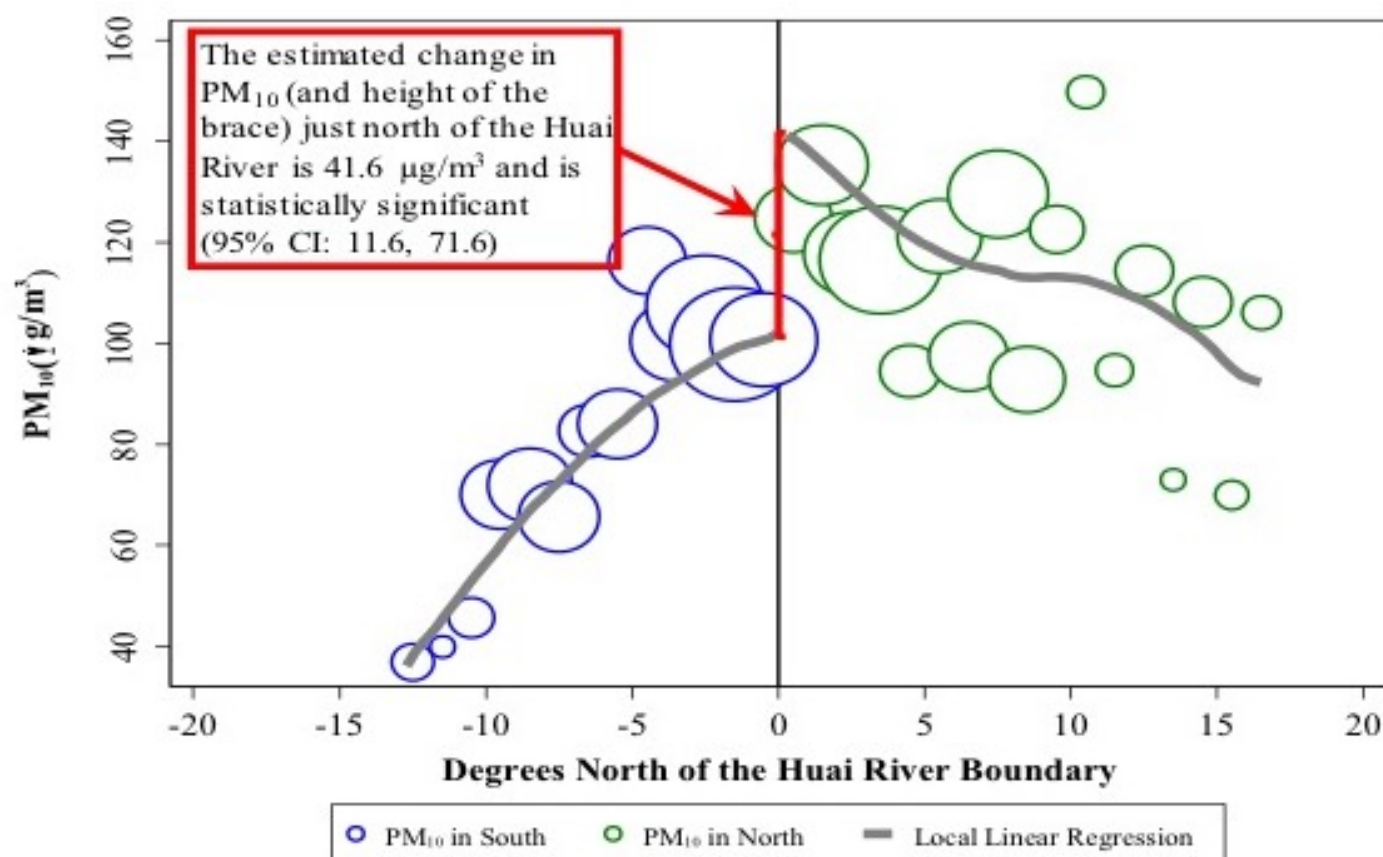
Question 1

0.0/1.0 point (graded)

Fill in the blank, based on the two-dimensional depiction of the difference in pollution levels to the North and South of Huai River shown below.

Figure 2

Particulate Matter Levels (PM₁₀) South and North of the Huai River Boundary



The Huai River boundary itself is depicted by _____.

Answer: black vertical line

Particulate matter everywhere levels north of the Huai River are depicted by _____.

Answer: all green bubbles

Particulate matter everywhere levels to the South of the Huai River are depicted by _____.

Answer: all blue bubbles

Explanation

The diagram shown in class provides a wealth of insightful and relevant information in a relatively small space. The river itself is represented by the vertical line at 0 degrees of the Huai River Boundary. The blue bubbles to the left of the vertical line represent average levels of PM₁₀ to the South of the Huai River Boundary, while the green bubbles represent average levels of PM₁₀ to the North of the Huai River Boundary. In each case, the size of the bubble represents the size of the population in each location. The grey lines represent the relationship between distance from the Huai River boundary and particulate matter, with the only assumption about the structure of their relationship being that there may be a difference in the structure of the relationship among points to the North and points to the south of the river boundary.


你已经尝试了0次 (总共可以尝试2次)

i Answers are displayed within the problem

Question 2

0.0/1.0 point (graded)

True or false: The research presented in class indicates that there was a significant difference in the level of particulate matter on each side of the Huai River boundary.

☒ True 

☐ False

Explanation

True. The graph of Particulate Matter Levels (PM_{10}) comparing areas to the North and to the South of the Huai River shows a distinct jump. Similarly, the graph of life expectancy comparing areas to the North and South of the river also show a distinct jump at the Huai River Boundary.

提交

你已经尝试了0次（总共可以尝试1次）

 Answers are displayed within the problem

讨论

显示讨论

主题: Module 1 / Data is Insightful