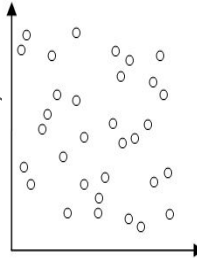# Systems Thinking

## Comparing Explanatory Variables

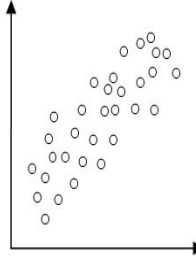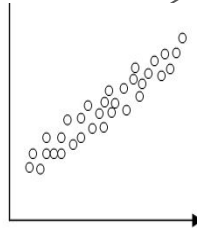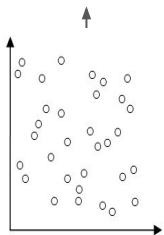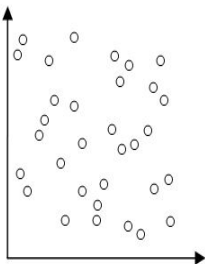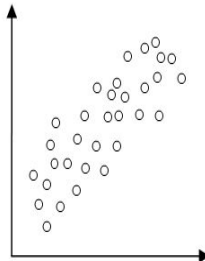# Comparing explanatory and outcome variables
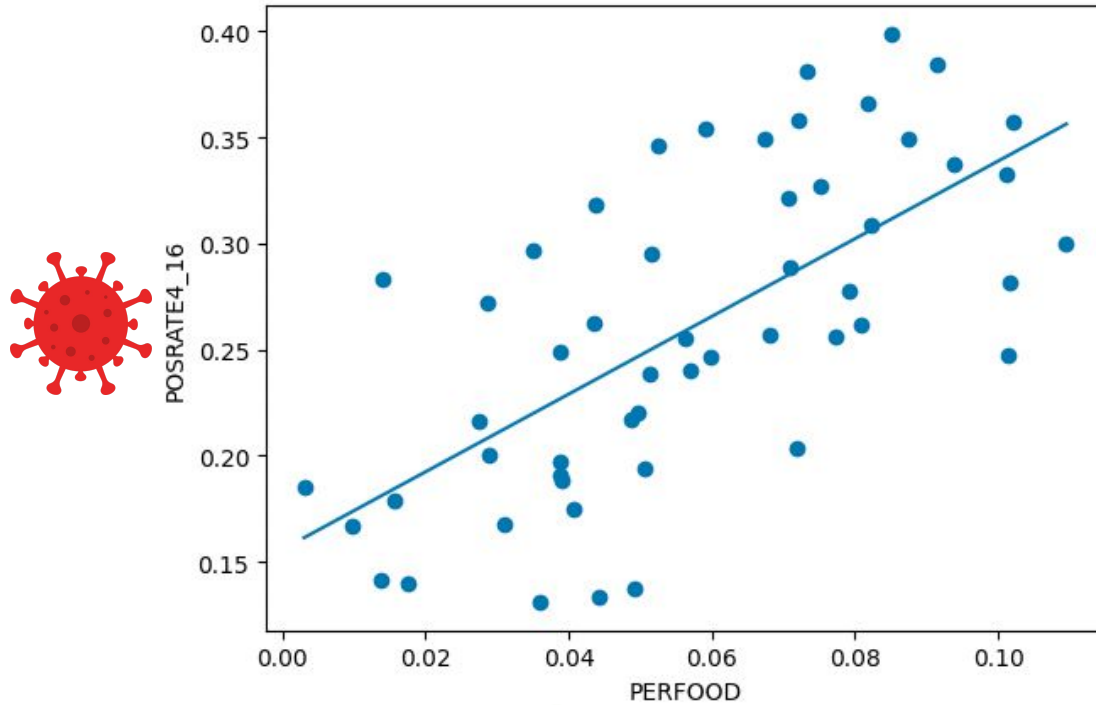
I went to bed late

Teacher is boring

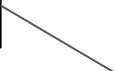I just ate lunch

I am sleepy

I went to bed late
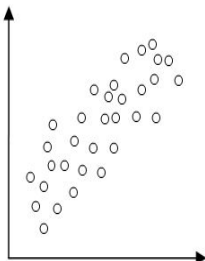
Teacher is boring

I just ate lunch
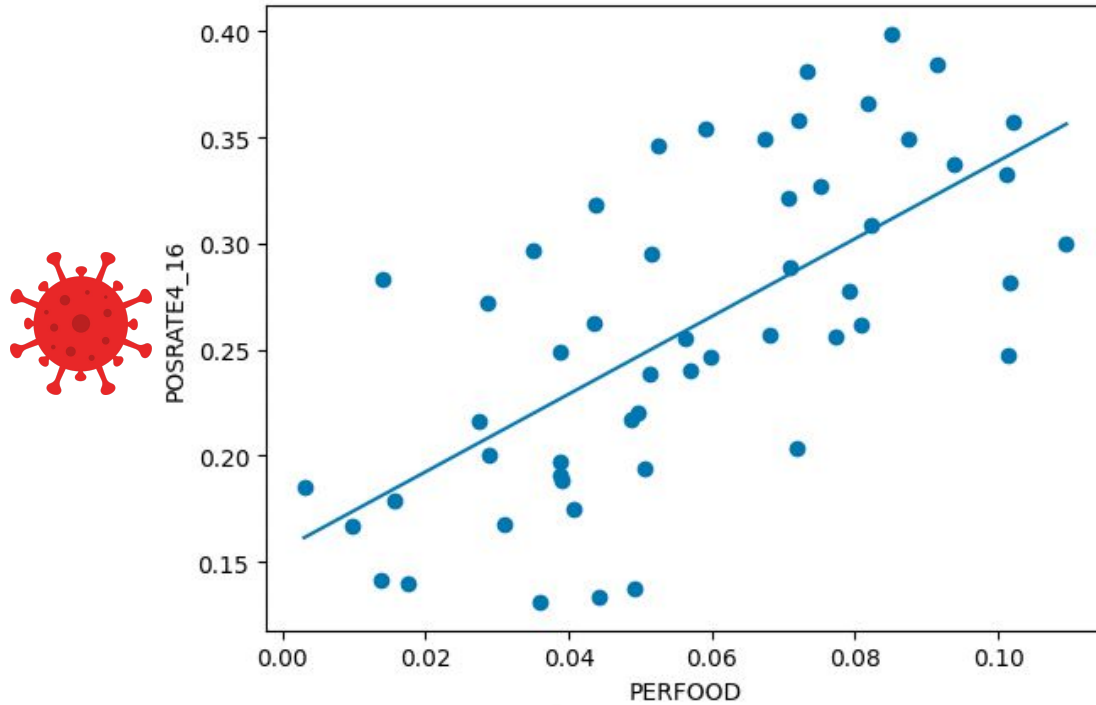
I am sleepy
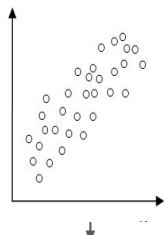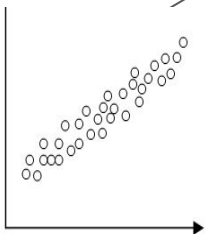
# Comparing explanatory to explanatory variables

# Is it spurious? Does it have nothing to do with their jobs?

Hypothesis: Food service workers tend to live in areas with low access to hospitals.
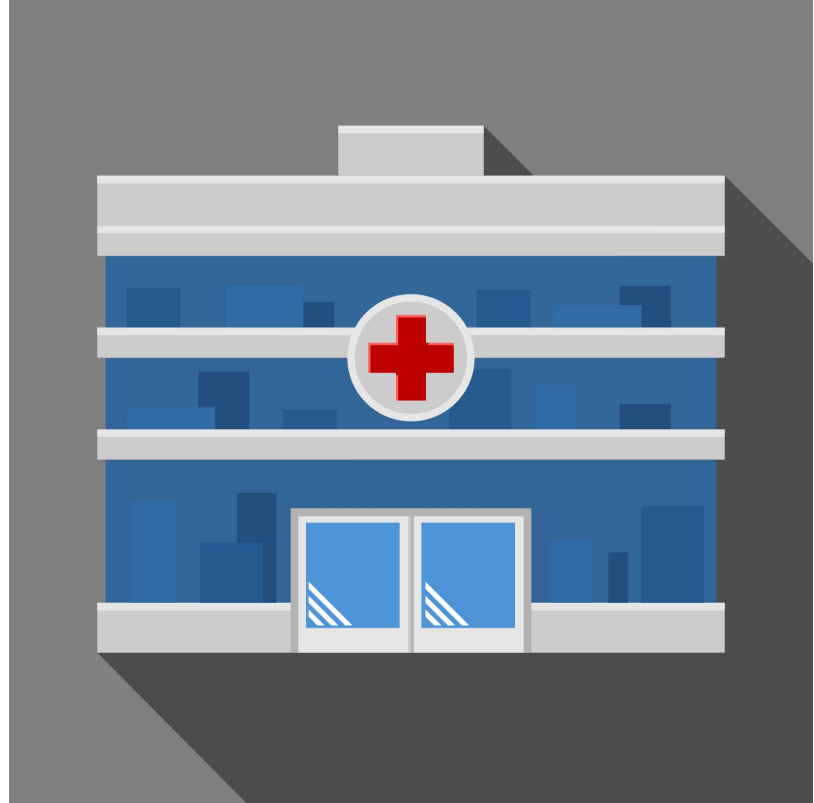
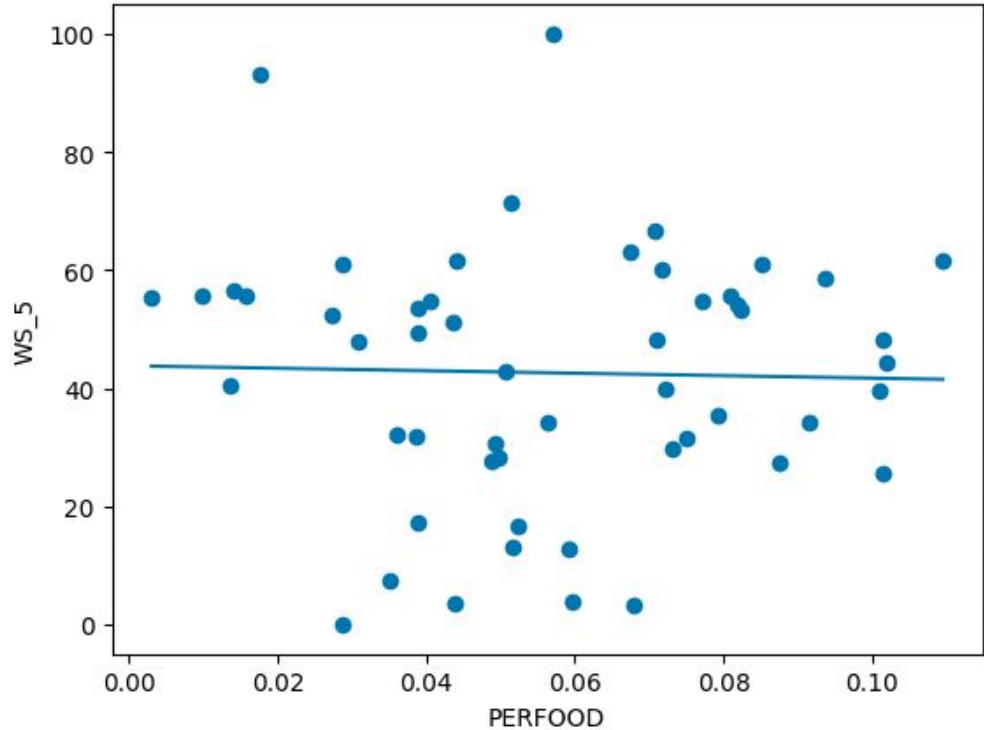# Is it spurious? Does it have nothing to do with their jobs?

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# Is it because of their occupation but not the occupation itself? (they are not getting infected at work)

Hypothesis: Food service workers tend to have low access to health insurance because their jobs are lower paying and/or do not offer good benefits.

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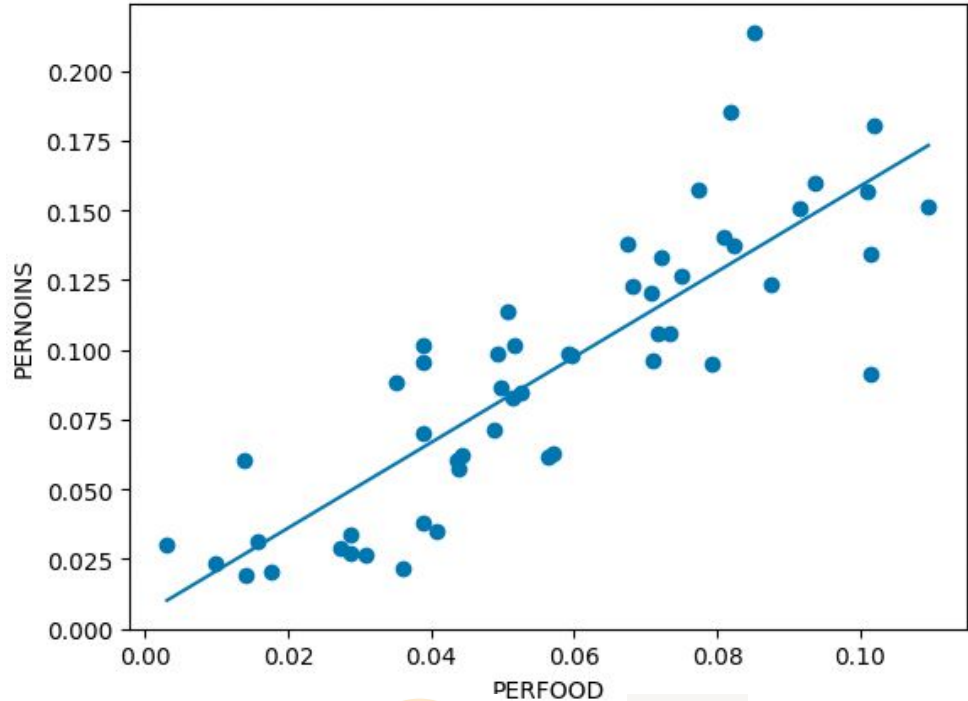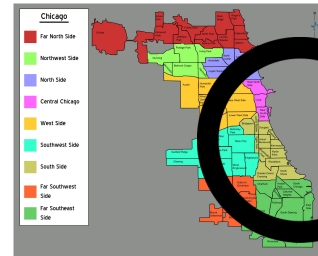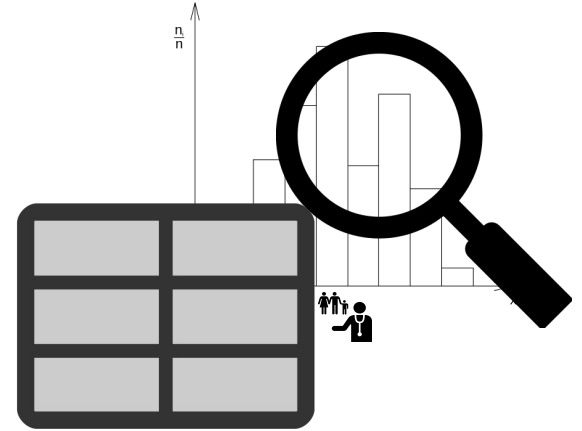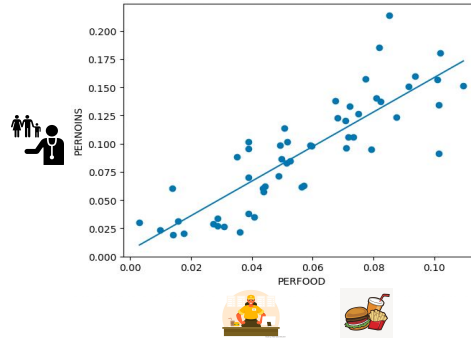
# Is it because of their occupation but not the occupation itself? (they are not getting infected at work)

Hypothesis: Food service workers tend to have low access to health insurance because their jobs are lower paying and/or do not offer good benefits.

# Next….

Finalize your theory. Your theory should answer the question:

"Why is COVID affecting some communities more than others?"


And now …

Construct your argument. Put your evidence in a Jupyter notebook. Prepare to present your argument and notebook to our naive politician. Try to finish by noon.