

An aerial photograph of a suburban neighborhood, showing a dense collection of houses with brown roofs and brick walls. The houses are arranged in a grid-like pattern, with some larger houses and some smaller ones. The overall tone is slightly muted, with a dark overlay.

Household Conditions by Geographic School District

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Week 4

Last Week's Challenges



Focused Research Question



Faulty Data - Sampling Bias?




Including data in the repository

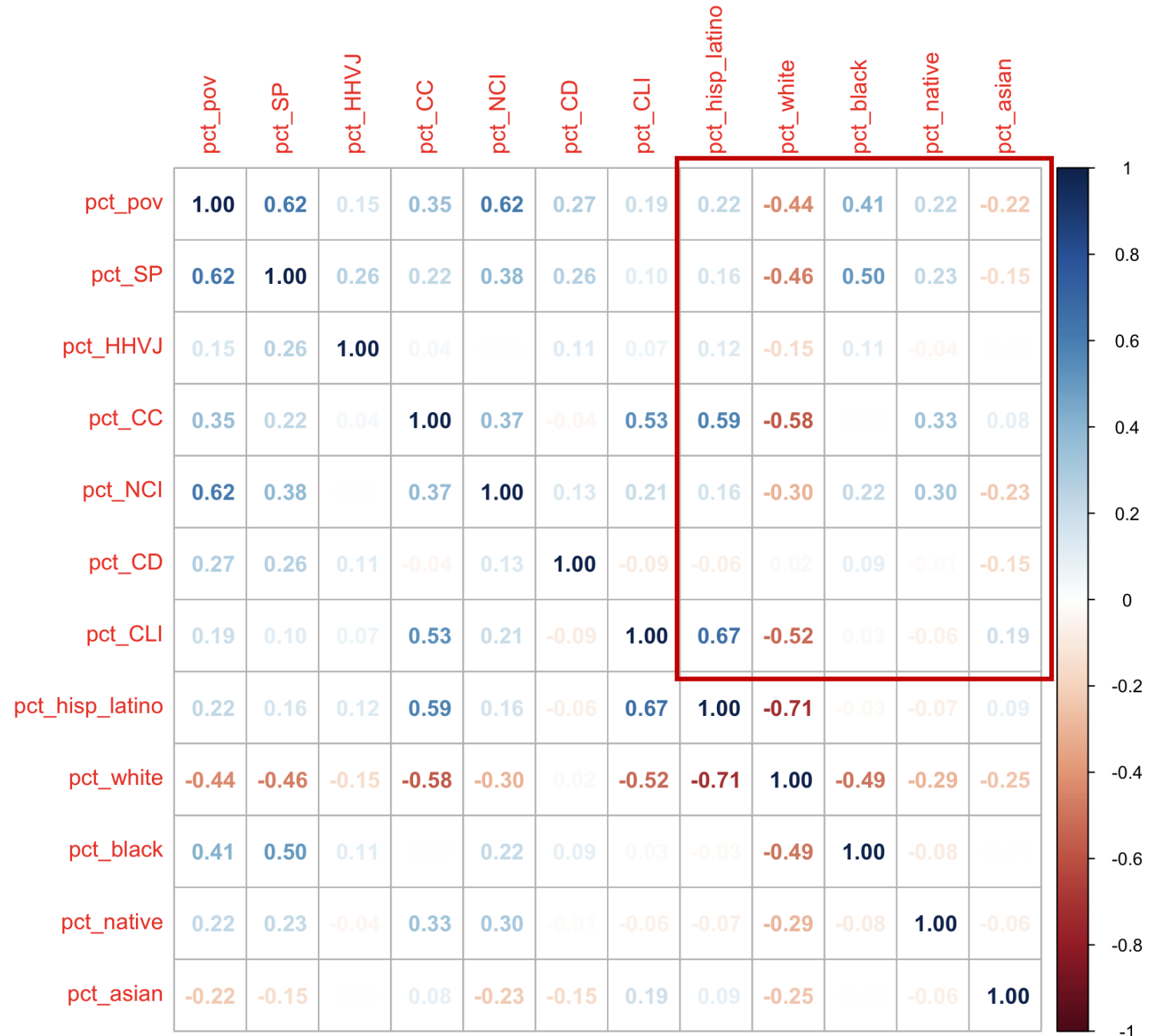
A large orange circle is positioned on the left side of the slide, partially cut off by the edge.


Current Research Question

How do the metropolitan school districts in the US compare in demographic, social, and economic household conditions, and what factors play a leading role in those discrepancies?

A series of four yellow dashed line segments are arranged in a curved, upward-pointing arc in the bottom right corner of the slide.

Race Data vs our District Data Over the Entire US





Additional
data to
possibly look
at

Retention rates

Tenure of teachers

Graduation rates (proxy for quality of education?)

Household income

School funding



Difficulties & Next Steps

Look into / decide on what cities we want to focus on for our research question. (& are we going to do this manually?)

Research what data is out there on each school districts located in the chosen cities.

Finding market race percentages (if districts span multiple counties etc.)

Joining race data with chosen school districts/cities to start analysis.

Look into cloud storage for data or writing scripts to unzip large files.