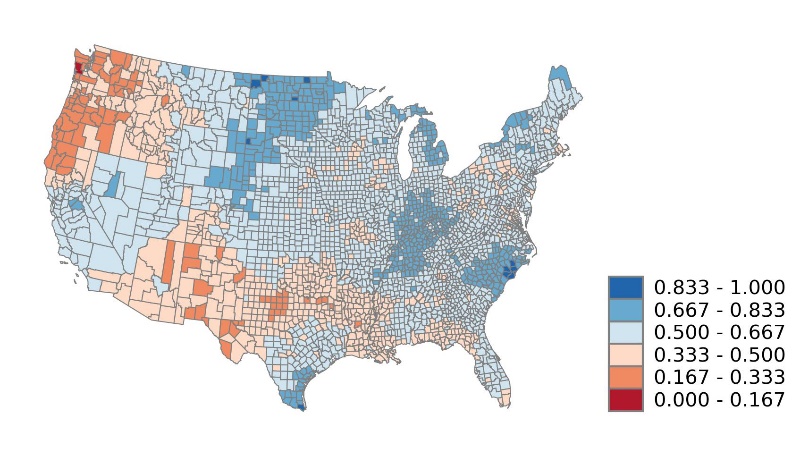
A person looking at a computer screen

Description automatically generated with medium confidence

**Do you want to beat AI in terms of map reading?**

(Image source: [Towardsai](https://towardsai.net/p/artificial-intelligence/understanding-artificial-intelligence))

**Needed: adults (age 18+) to participate in choropleth map reading research**



We are looking for volunteers of age 18 and over to participate in a project about reading choropleth maps. The goal of this study is to explore how well artificial intelligence (AI) algorithms can compare with humans in identifying spatial patterns in a specific type of maps: choropleth maps. An example of choropleth maps in our survey is shown above. A choropleth map is used to display the spatial distribution of quantitative data across the enumeration units such as counties and states in a region. The survey will be used to collect data to measure the performance of humans (you) on reading spatial patterns shown in maps, which will be compared with computers equipped with AI techniques in our further analysis.

More specifically, you will be presented choropleth maps with different spatial patterns. You will be asked to answer two simple questions about spatial patterns for each choropleth maps. For example, one question is: do the values tend to occur near their similar values or different values. You need to answer the questions based on what you read and learn from the mapped area.

All the questions together take about 20 minutes to complete. It is EASY and QUICK to prove your capability over **AI**! Participation in this study is strictly voluntary. We will NOT collect your personal information. All data collected will be anonymous.

If you are interested, please contact PI, Dr. Ningchuan Xiao (xiao.37@osu.edu) or the Co-Investigator, Mr. Jialin Li (li.7957@osu.edu) for more information.