GEOG 432/832: Programming, Scripting, and Automation for GIS

Unit 13.02: Experiment time

Dr. Bitterman

Today's schedule

- Open discussion

- Discussion about "wildcard week"

- Experimental time

Open discussion

Let's (hopefully) have a bit more fun

Today, we will...

1. break into teams

2. complete tasks

3. present (VERY, VERY informally) your results, methods, challenges, etc. (maybe next week)

Your tasks:

Using `county_boundaries.zip` from GitHub data directory...

1. Identify "similar" counties using a clustering method and using metrics you define in your group
2. Map the counties using a categorical classification scheme and good cartographic practices
3. Test SOME OF (3-4 variables) your input data for spatial autocorrelation
4. Can you test your cluster assignments for spatial autocorrelation? Why or why not?

For next class

- Lab 8 is available, due next week

- No class meeting on Friday (work on your own, but let me know if questions and I can be present)

- Lab 7 due Thursday