Spatial Analysis in Public Health Applications

Digital Learning Module Questions

1. What is a geographic information system?
2. What are some important components to include on any spatial visualization?
3. What are some different types of GIS data that you might use in public health applications?
4. What is the purpose of a hotspot analysis?
5. What can a space-time analysis tell you?
6. What is spatial autocorrelation and why is it important to understand?
7. What does the Getis Ord G\* statistic measure?
8. What does the Global Moran’s I statistic measure?
9. What is the difference in global and local measures of association?
10. What does the Mann-Kendall trend test measure?