Lab 7: Introduction to Basic Spatial Data Analysis in OpenGeoDa

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Objectives

• Generate a histogram to show the frequency of tornados
• Learn how to generate box plots and scatter plots
Using OpenGeoda to load Tornado data
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• There will be no errors when loading the data to OpenGeoDa, which is different from what lab manual describes.
Histogram
Scatter plot
Using Box Plot to find out outliers
Tips for question 1 (VERY IMPORTANT)

• For this question, you will not see an error message because of the new software version.

• To answer question 1, recall in lab 2, what is the problem that makes a shapefile couldn't be loaded in OpenGeoDa, and what is the easiest solution.
Assignment

- Complete lab 7 (the template can be downloaded from Gauchospace).
- Refer to the comments in the PDF document. (You will need to download the PDF document, and open it using Adobe reader)
- Name your homework using your name followed by ‘lab7’. E.g. YingjieHuLab7.doc
- Submit your homework through Gauchospace.
- Due date:
  - Nov. 28th 2:00pm for Wednesday’s section
  - Nov. 29th 5:00pm for Thursday’s section