Exploratory Data Analysis III

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U N I V E R S I T Y

Visualizing Time
Series,
Cross-Sectional, and
Spatio-Temporal Data
sets

R Session: Exploratory
Data Analysis

Lecture 4
Exploratory Data Analysis III
Readings: IntroStat Chapter 3; OpenIntro Chapter 2

STAT 8010 Statistical Methods I
May 19, 2023

Whitney Huang
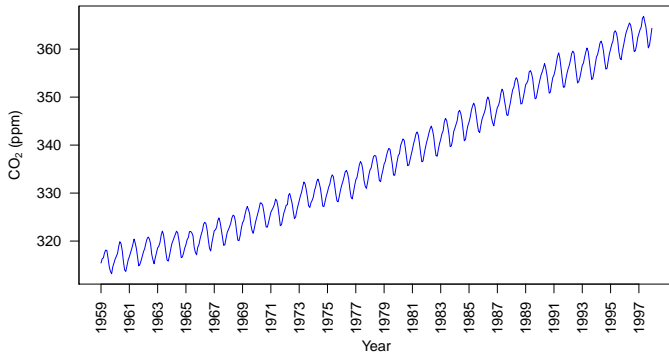Clemson University

Agenda

Exploratory Data
Analysis III

Visualizing Time
Series,
Cross-Sectional, and
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sets

R Session: Exploratory
Data Analysis

1 **Visualizing Time Series, Cross-Sectional, and Spatio-Temporal Data sets**

2 **R Session: Exploratory Data Analysis**

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Visualizing Time Series, Cross-Sectional, and Spatio-Temporal Data sets

Visualizing Time Series Data

Mauna Loa Atmospheric CO_2 Concentration
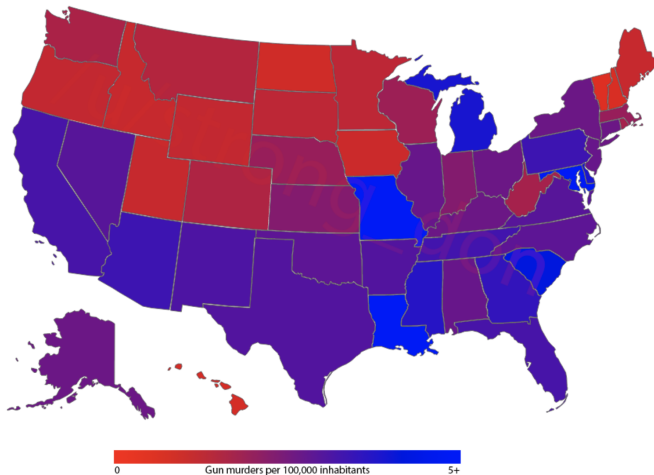
Visualizing Cross-Sectional Data

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Visualizing Time Series, Cross-Sectional, and Spatio-Temporal Data sets

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Gun murders per 100,000 inhabitants

0   5+

Visualizing Spatio-Temporal Data

Exploratory Data
Analysis III

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Summary

In this lecture, we learned

- How to visualize time series, cross-sectional, spatio-temporal data sets

- R Session: Exploratory Data Analysis

We will talk about Probability in the next week