

Introduction to GGobi

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Homework

- Due next week
- 1 page typed response to the lectures
- What did you learn? Find interesting? Useful?
- What didn't you understand? What do you want to find out more about?

Outline

- Install GGobi
- Demo with tipping data
- Questions and tools
- Your turn

Installing GGobi

- Follow instructions at <http://www.ggobi.org/downloads>
- How many of you have a usb drive?

Questions about the data

- How is this distributed?
- How is this related to that?
 - Both continuous
 - Both categorical
 - One continuous, one categorical
- How are these things related to those things

Tool box

- *Many views*
- Linked brushing
- Identify
- Tour (next week)

Distribution

- Categorical data: Bar plot
- Histogram (under barchart display)
- ASH plot (Id plot, under scatterplot display)

Relationships

- Scatterplot
- Two plots + linked brushing

Linked brushing

- How can we link together multiple plots
- With brushing! When we do something to an observation in one view, the changes are propagated to all the other views
- Key shortcut: **B**
- Persistent or transient

Identify

- Pretty simple to use
- Lets you look up values in the original data
- Key shortcut: **I**

Using GGobi

- Focus indicator
- Display mode
- Interaction mode
- Display type

Explore the data!

Download off the class website

- Experiment with different features
- Try to come up with questions of the data, and then try and answer them
- Will report one interesting finding to the rest of the class

Next time

- High-dimensional games