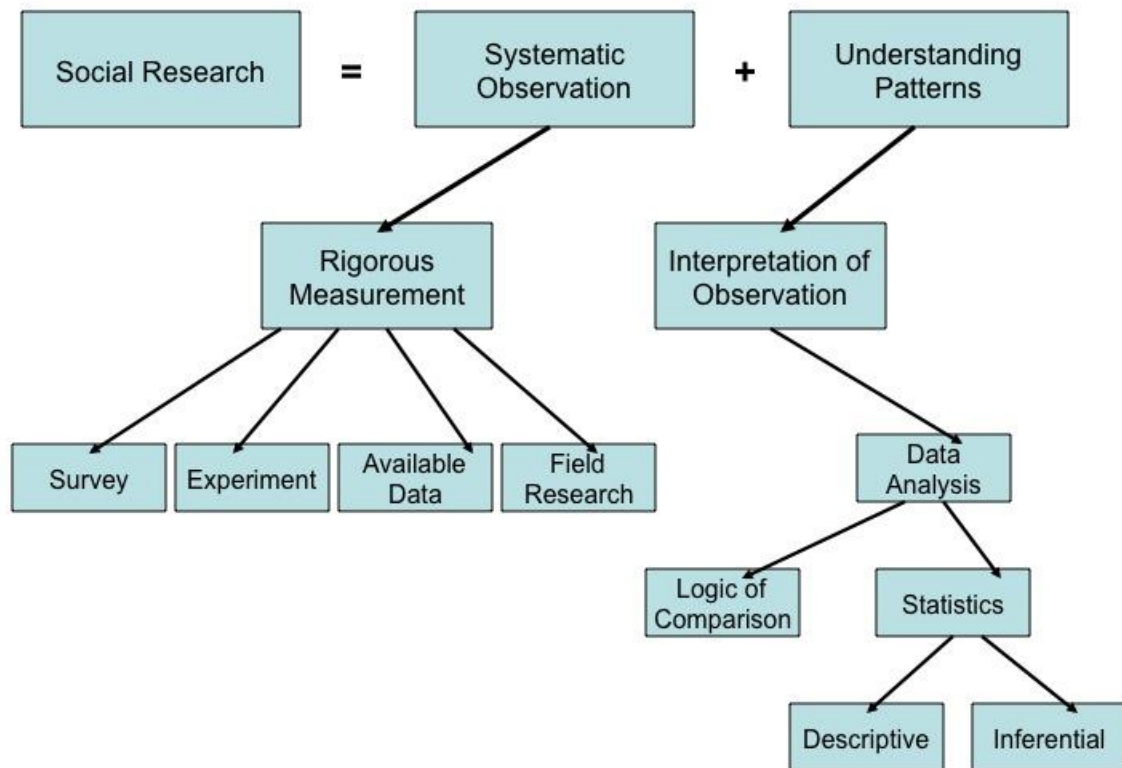


Babbie's Overview of Social Research



idiographic – to explain a particular event.

nomothetic -- to explain social variations through the identification of patterns.

Selected Concepts in the October 2016 PPIC Survey

Some variables, their values and indicators		
Variable	Values	Indicators
Gender	Male, female	What is your gender
Age	18-24; 25-3475 +	D1 What is your age?
Language	English; Spanish	Language of Interview
Education	Some high school or less, Hi school grad, Some college...	D6 last grade of school that you completed?
Income	< \$20k; \$20-40k; \$40-60k...	D10
Legal MJ use	Vote yes; Vote no	Q21 use of marijuana should be legal,

$X \leftrightarrow Y$

X = independent variable

Y = dependent variable

Four essential characteristics of a hypothesis.

1. It states a relationship between two variables.
2. It states the direction of the relationship
3. It (implicitly) makes a comparison between values of the independent variable.
4. It is empirically testable.

The road to scientific knowledge

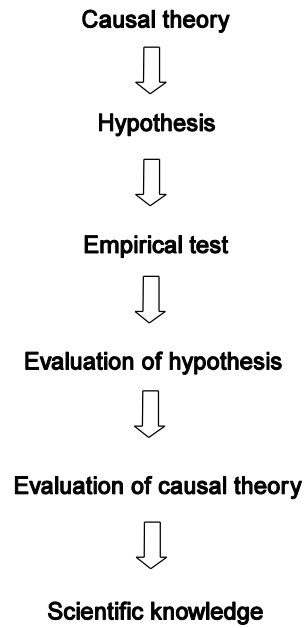


Figure 2.1

The process of deduction

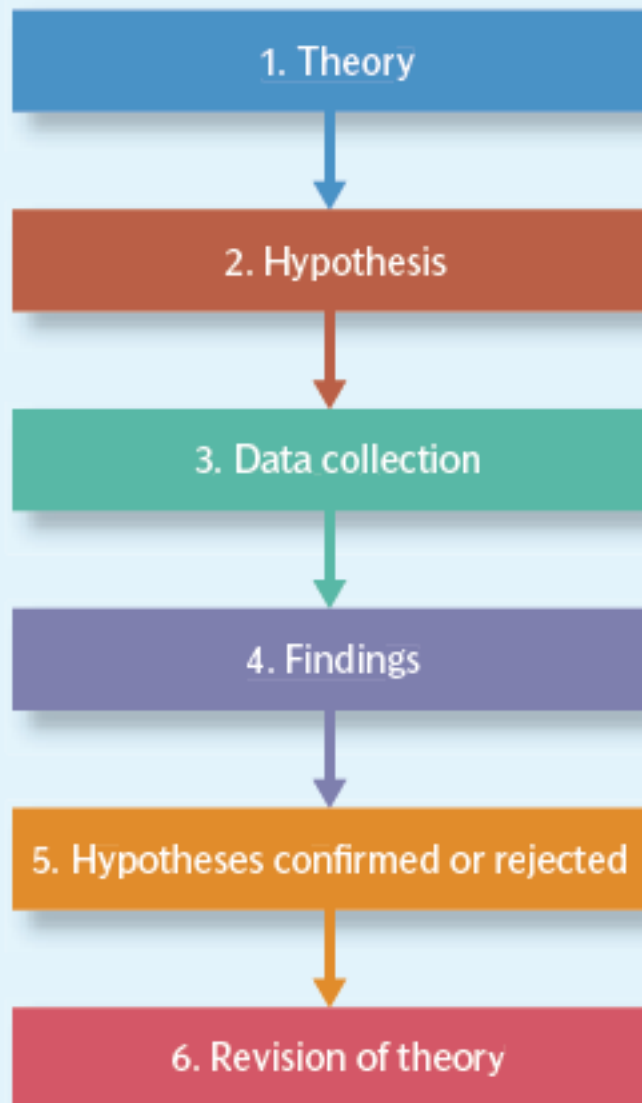
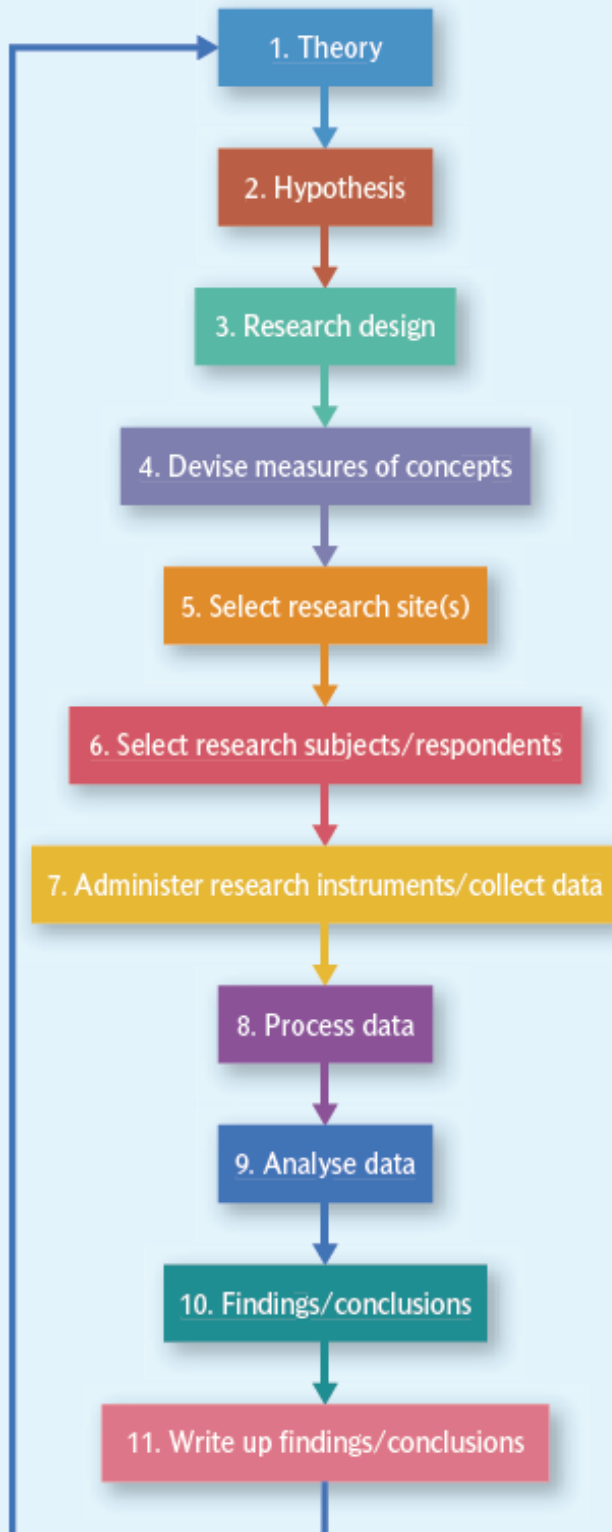
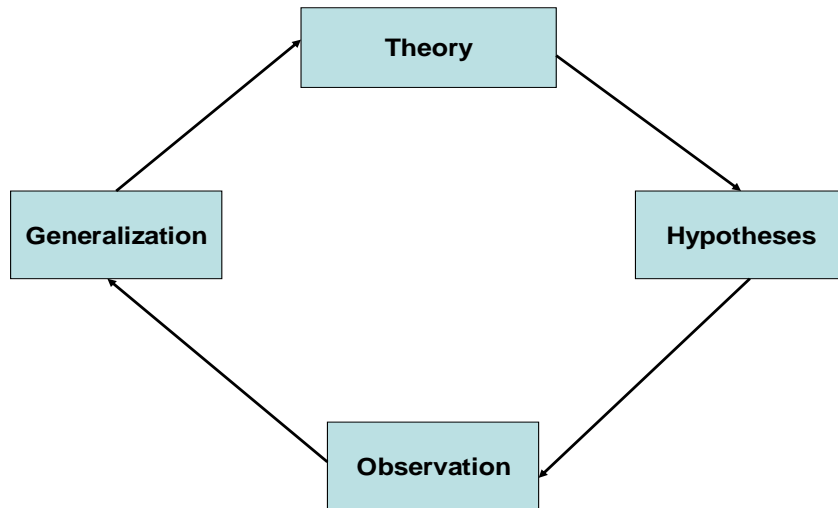


Figure 7.1

The process of quantitative research



Wheel of Science



Working with Real Data

Data Labs Data
PPIC October 2016

Homework Data Sets:

PPIC June 2023
UTex December 2023

Avoid corrupting your data

On a Mac:

Click(right click) on the icon for the data and go to “get info”
then click on the “locked” box.

On a Windows Machine:

From the Data Editor menu choose:
File->Mark File Read Only