

Questions?

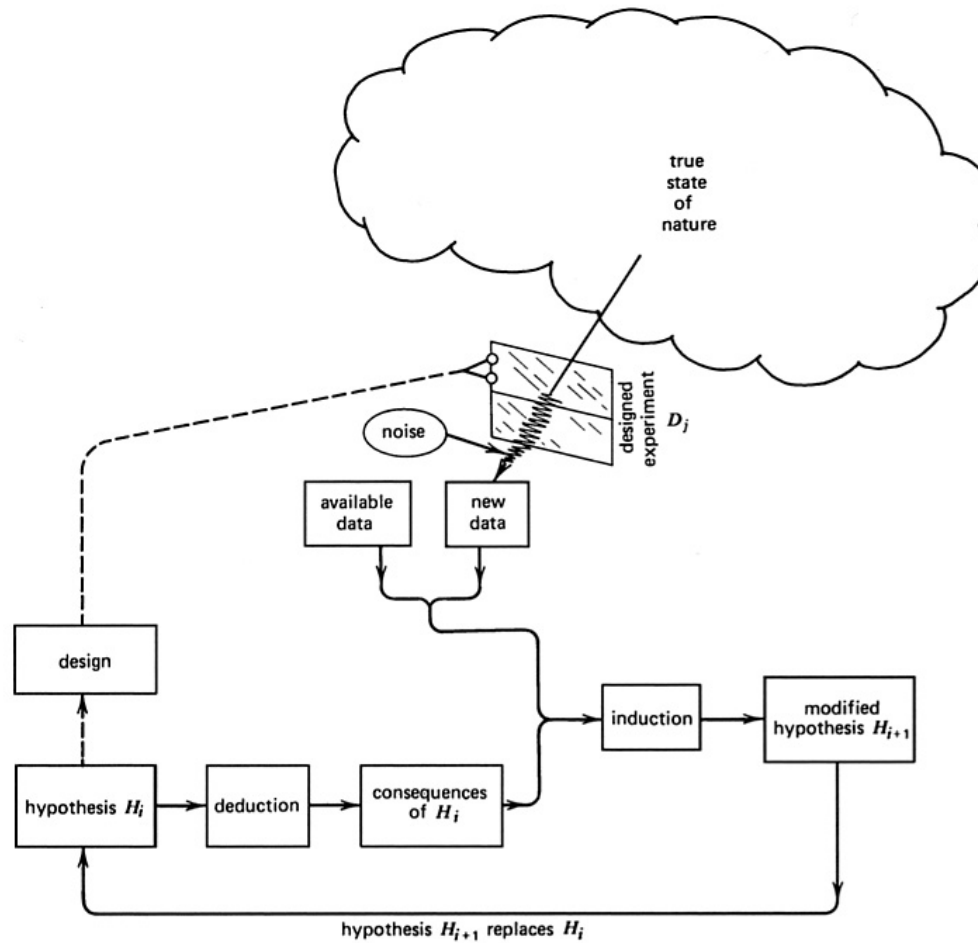
- Final
 - In class final on May 22nd from 10:30 to 12:30
- Paper review in class
 - Be ready to have a draft by May 1st

Project: methods and design

- 10 min presentation
 - Quick description of your project and your goals
 - Depending on your topic
 - *Low-Fi prototype of your interface*
 - 2-3 key scenarios you are planning to address
 - *Experimental design*
 - Hypotheses, variables, population (consent form), apparatus, protocol
 - *User study design*
 - Hypotheses, population (consent form), protocol
- 5-10 min discussion
 - The class will challenge your claims

Scientific Method?

From Scientific Method in Practice (Gauch 2003)



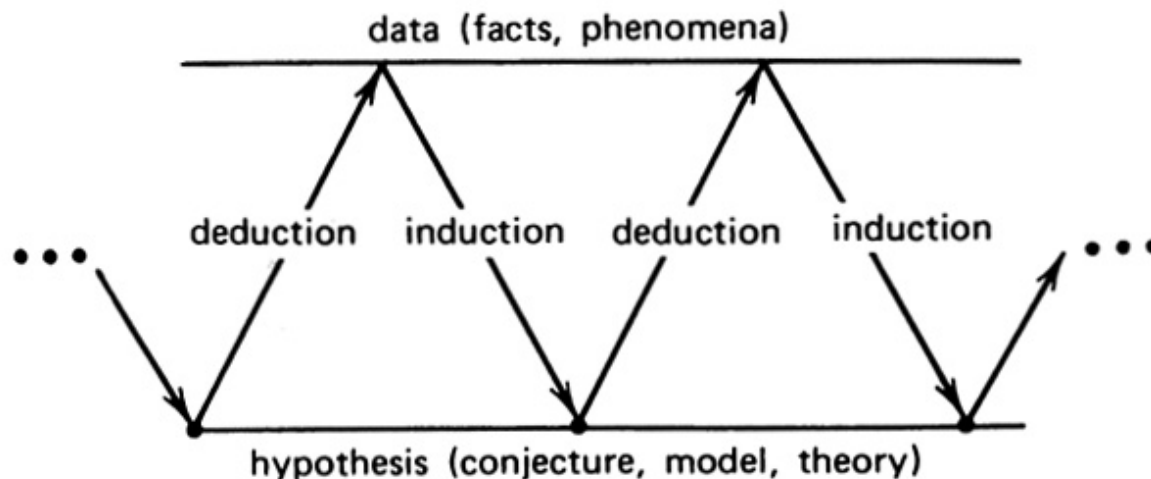
Relationship between theory and data

- Henry H. Bauer point of view?

In “The So-Called Scientific Method”

- Gauch description

In “Scientific Method in Practice”



Henry H. Bauer's Taxonomy

- What are the dimensions?
- Where does HCI stand?

“Setting the Stage for Discovery”

Robert S. Root-Bernstein

“Discovery consist of seeing what everybody has seen
and thinking what nobody has thought”

A. Szent-Györgyi

- What are the 3 major Root-Bernstein’s hypotheses?
 - Science is not only about cataloguing facts
 - Science focus on expending our knowledge by looking for:
 - *Paradoxes*
 - *Contradictions*
 - *Anomalies*
 - Scientists need to be attentive to the unusual and try to explain it

Reading for next class

- Doing Psychology Experiments
 - Ch 1, 2, 3
 - Be prepared to explain how these ideas can be applied to your project