

- a) **Replication** = repeating an experiment to expose or reduce error
- 3. **Selective Observation**: make a special effort to find "deviant cases"
- 4. **Illogical Reasoning**: avoid this by using systems of logic consciously & explicitly—avoid fallacies

### III. Know the Foundations of Social Science

- A. The two pillars of science are logic & observation
- B. Why is **Theory, Not Philosophy or Belief**?
  - 1. Social science has to do with how things are/what is & why.
  - 2. **Theory** = a systematic explanation for the observations that relate to a particular aspect of life
- C. What are "**Social Regularities**" and how do social scientists approach trends and patterns?
  - 1. The vast # of formal norms in society create a considerable degree of regularity.
  - 2. Three objections are sometimes raised in regard to social regularities:
    - a) Some of the regularities may seem trivial.
    - b) Contradictory cases may be cited, indicating that the "regularity" isn't totally regular.
    - c) It may be argued that the ppl involved in the regularity could upset the whole thing if they wanted to.
- D. Look back and understand the central points I raised on these terms & ideas:
  - 1. Why do social scientists focus most on **Aggregates, Not individuals**?
    - a) **Aggregate** = collective actions & situations of many individuals
    - b) They try to explain why aggregated patterns of behavior are so regular, even when the individuals change over time.
    - c) They try to understand the **systems** in which people operate, which in turn explain why people do what they do.
  - 2. What are **Concepts and Variables**?
    - a) **Concept** = an abstract mental image of what you want to study
      - (1) Ex. the word "mammal"
    - b) **Attributes** = characteristics or qualities that describe an object (or person)
      - (1) Ex. female, Asian, alienated, conservative, dishonest, intelligent, & farmer
    - c) **Variables** = logical sets of attributes
      - (1) Ex. Occupation (made up of attributes like farmer, professor, & truck driver), Social Class (upper, middle, & lower class)
    - d) Theories describe the relationships we might logically expect among variables.
      - (1) Often the expectation involve the data of *causation*.

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**Yan Bai**



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klasifikasi dm tipe 1 destruksi sel beta umumnya menjurus ke defisiensi insulin absolut a autoimun b idiopatik tipe 2

bervariasi mulai yang dominan resistensi insulin disertai

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