

Quantitative-Qualitative Debate (Conclusion)

- There is no “right” or “wrong” answer.
- Rather there are two different attitudes or approaches to a phenomenon.

(Krantz).



What is qualitative or quantitative paradigms?

Qualitative Paradigm

- Phenomenological
- Inductive
- Subjective
- Process-oriented
- Social anthropological world view

Quantitative Paradigm

- Positivistic
- Hypothetico-deductive
- Objective
- Outcome-oriented
- Natural science world view

(Cook & Reichardt)

What is Quantitative or Qualitative Method?

- Experiments (e.g., randomized, quasi-experimental, etc.)
 - Paper and pencil “objective” test
 - Multivariate statistical analysis
 - Sample survey
 - Ethnography
 - Case studies
 - In-depth interview
 - Participant observation
- (Cook & Reichardt)

Why using two paradigms (methods) is a problem? (1)

- Method-type is strictly linked to a paradigm so that a commitment to a paradigm provides the appropriate and sole means of choosing between method-types.
- Each paradigm is assumed to be rigid and fixed, and the choice between them is assumed to be the only choice available.

Why using two paradigms (methods) is a problem? (2)

- Mutual toleration is not an easy alternative for some disciplines, which has continually sought unity and coherence.
- The possibility of peaceful coexistence and mutuality is seen as signaling incoherence and the absence of a single, discoverable truth. (Krantz)

“Do paradigms logically determine the choice of research method?”

“Is there an inherent inconsistency in subscribing to the philosophy of one paradigm but employing the method of others?”

(Cook & Reichardt)

Extra-rational factor continued

- “The factual evidence would be so cogent, so compelling, that any reasonable person must accept the obvious truth” (Krantz)
- In science, such a judge is the relevant part of the scientific society (e.g., journal review, scholastic society, history, etc.).
(Krantz)

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