

Methodology versus method

A Methodologist

A “methodist”

Methodology

- Logos is Greek for “logic of”
- Biology
- Psychology
- The word logos added to Method implies the underlying logic of Method
- Often the word is not used in a technical sense, in conversation and even in print

method

- Refers to specific “methods” or techniques
- For example “survey questionnaires”
- For example “ethnographic field work”
- The method chosen depends in part on the Methodology used
- Techniques are very specific aspects of methods
- E.g. open-ended questions versus closed

Two Main Methodologies

- Quantitative (Qt) Meth.
- Qualitative (QI) Meth.

Qt Meth.

- Qt Meth is used a great deal in science and social science
- Qt Meth is not too common in the humanities and arts
- Pearson's Product Moment Correlation Coefficient is very central to Qt Meth & to many qt techniques and methods
- Pearson's r , r squared, R , R squared

QI Meth.

- QI Meth are used in science, social science & the humanities & arts
- QI Meth does NOT mean the absence of any numbers
- Percentages are often more qI than qt
- Pearson's r is never a qI technique or method and is quite different from the logic of Method of QI research

Qt & QI Methodologies & Research Design

- Research Design is an important aspect of Methodology, both Qt & QI
- There are many types of Research Design
- Only Qt Meth and qt meth/techniques show real “Experimental Design”
- There are many forms of “Quasi-Experimental Design”
- Quasi-Experimental Design is used in both Qt & QI Methodologies

Differentiate Qt/qt v QI/ql

- Qt Methodology utilizes qt methods
- QI Methodology utilizes ql methods
- Research Design is:
 - 1. Qt
 - 2. QI
 - 3. Mixed Qt & QI

Mixed Research Design

- Mix Qt Meth & QI Meth
- Mix Qt Meth with qt meth & ql meth
- Mix QI Meth with ql meth & qt meth
- Mix ql meth & qt meth, without much careful attention to Qt Meth or QI Meth
- Many researchers do not necessarily make their overall Methodology clear
- There is a “division of tasks” between Methodologists and “methodists”

My Name: Hans Bakker

- Johannes is Latin
- Pope Johannes Paulus was named “after” me, when he became Pope!
- John is one translation of Johannes
- Hans is another nickname for Johannes
- Bakker is the Dutch version of Baker
- Becker is the German version of Baker
- Boulanger is the French version of Baker!

Critical Book Review (CBR)

- Alternative to Exam I or II, but not both
- More than just a book report
- Must be related to the course
- Can be of a book, several chapters of a book, or even four refereed journal articles in academic journals
- Must have a “thesis statement” & conclusion
- Cannot be based on the web
- No plagiarism!