

METHODS IN BIOETHICS RESEARCH

Qualitative Methods: The systematic analysis of non-numerical data

Approaches:

Phenomenology: Describes human experience and sensory preconceptions without resorting to preconceived ideas

Grounded Theory: An inductive method which relates categories to each other to form a theory

Ethnography: Analysis of a culture or society that describes and interprets the patterns of values, behaviors, beliefs, and/or language of the group

Case Study: An in-depth examination of an individual, event, or organization in context

History: An examination of past events to draw conclusions or make future predictions

Examples of Data Collection Methods:

Interviews, observation, close reading of literature, analysis of cultural artifacts

Quantitative Methods: The analysis of numerical data, often using statistical techniques

Approaches:

Descriptive: Describes the characteristics of a population

Correlational: Measures two variables and the relationship between them

Quasi-experimental: Manipulates an independent variable but does not randomly assign participants to experimental and control groups

Experimental: Manipulates a variable and has an experimental and control group to which participants are randomly assigned

Examples of Data Collection Methods:

Surveys, pre-test / post-test, controlled trial

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Mixed-Methods: Using both qualitative and quantitative methods in order to produce a broader perspective than either method can used alone

Approaches:

Triangulation: Qualitative and quantitative data are gathered at the same time and given equal weight

Embedded: Qualitative and quantitative data are gathered at the same time, but one type of data is given more weight than the other

Explanatory: Qualitative data collection follows quantitative data collection and helps explain quantitative findings

Exploratory: Quantitative data collection follows qualitative data collection and helps explore qualitative findings

Examples of Data Collection Methods:

A combination of qualitative and quantitative data collection methods above

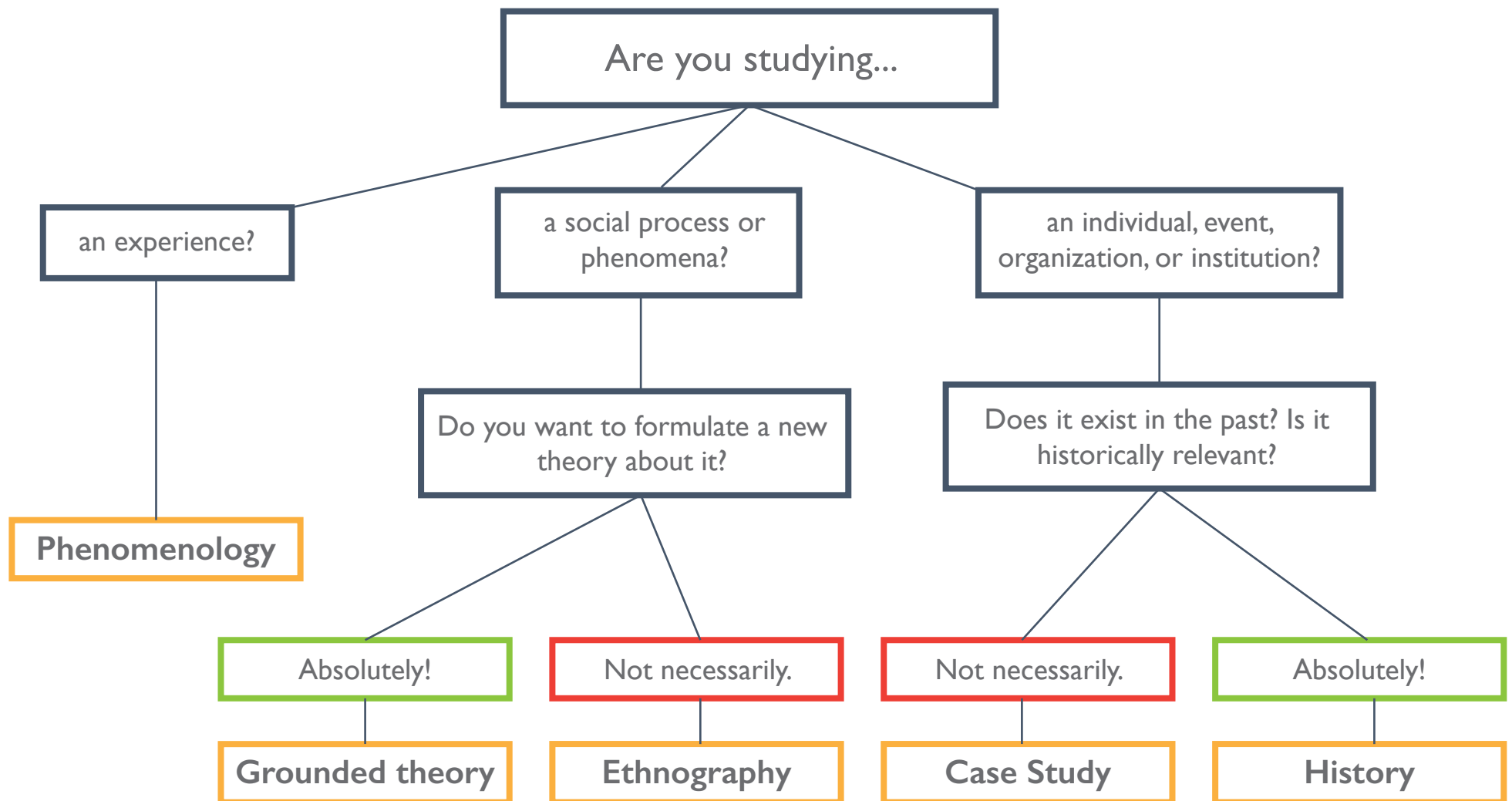
Formulating a research question and choosing a methodical approach

Research Question:

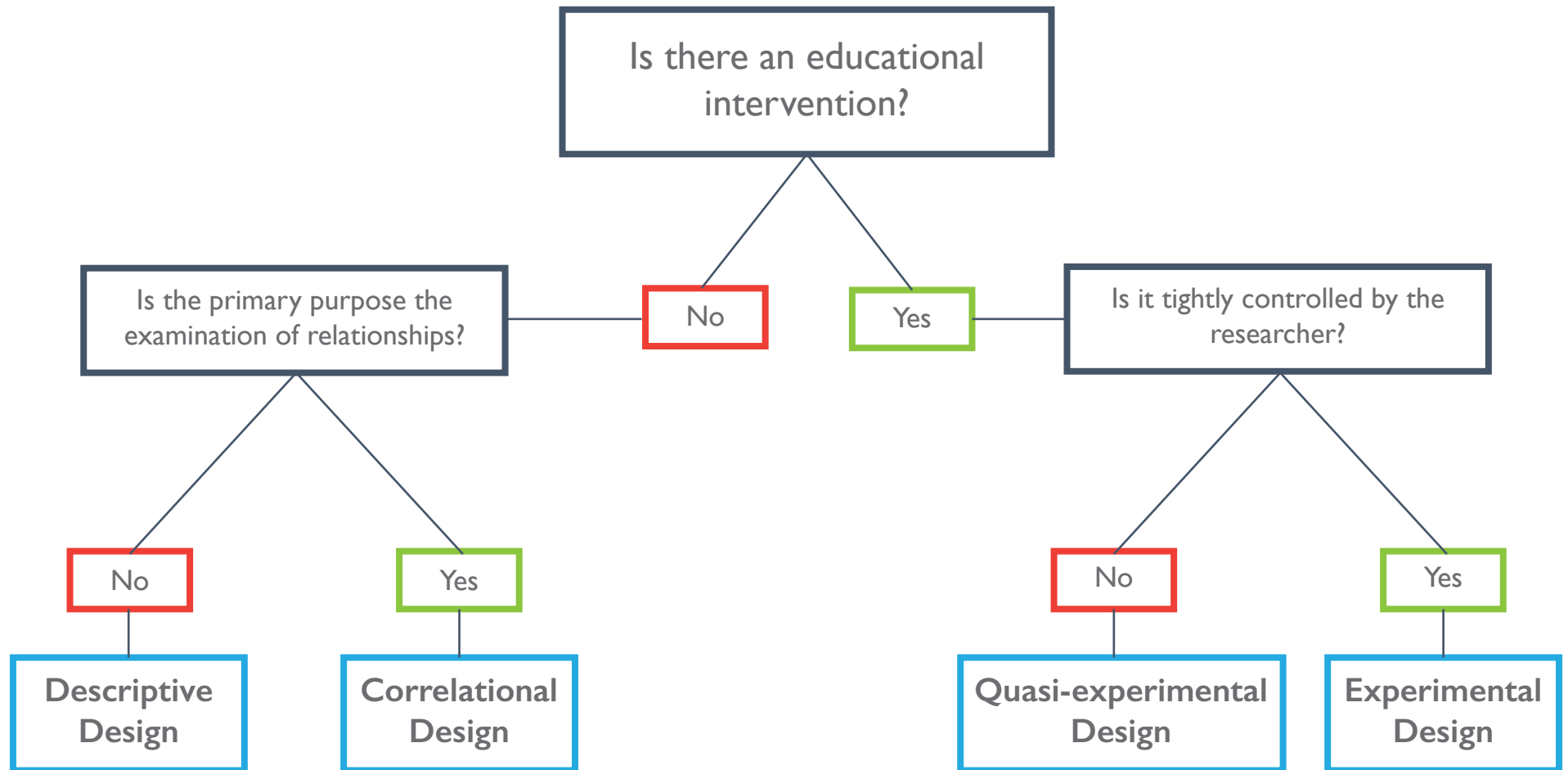
Methodological Approach:

Data Collection Method:

QUALITATIVE RESEARCH FLOW CHART



QUANTITATIVE RESEARCH FLOW CHART



MIXED-METHODS RESEARCH CHARTS

