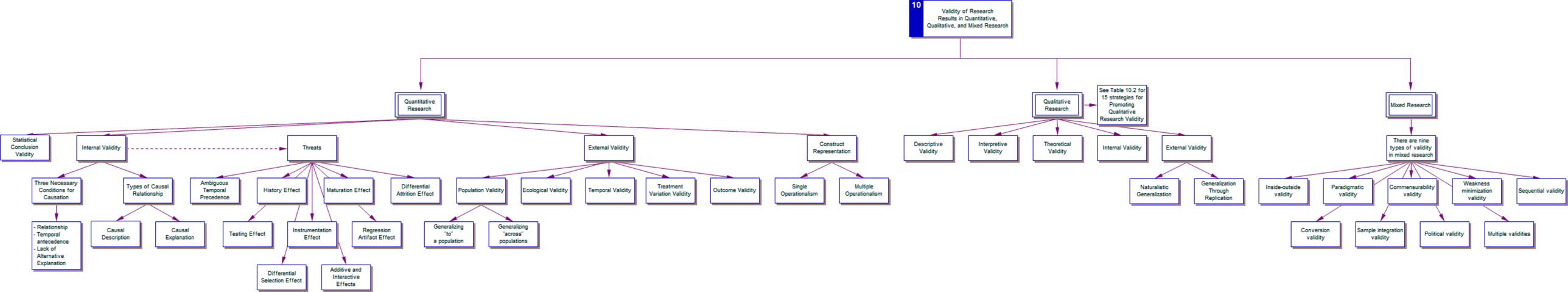
10
Validity of Research Results in Quantitative, Qualitative, and Mixed Research
Quantitative Research
Statistical Conclusion Validity
Internal Validity
Threats
Three Necessary Conditions for Causation
- Relationship
- Temporal antecedence
- Lack of Alternative Explanation
Types of Causal Relationship
Causal Description
Causal Explanation
Ambiguous Temporal Precedence
History Effect
Maturation Effect
Differential Attrition Effect
Testing Effect
Instrumentation Effect
Regression Artifact Effect
Differential Selection Effect
Additive and Interactive Effects
External Validity
Population Validity
Ecological Validity
Temporal Validity
Treatment Variation Validity
Outcome Validity
Generalizing "to" a population
Generalizing "across" populations
Construct Representation
Single Operationalism
Multiple Operationalism
Qualitative Research
See Table 10.2 for 15 strategies for Promoting Qualitative Research Validity
Descriptive Validity
Interpretive Validity
Theoretical Validity
Internal Validity
External Validity
Naturalistic Generalization
Generalization Through Replication
Mixed Research
There are nine types of validity in mixed research
Inside-outside validity
Paradigmatic validity
Commensurability validity
Weakness minimization validity
Sequential validity
Conversion validity
Sample integration validity
Political validity
Multiple validities