Critique Form for Research Articles

Reference Information

• Author:
• Title:
• Source:

Summary of Research

• Problem Statement
• Background
• Hypothesis
• Measurement of variables
  1. Dependent variable(s)
  2. Independent variable(s)
  3. Control variables(s)
• Research design
• Subjects
• Sampling
• Instrumentation
• Data collection
• Ethical considerations
• Data analysis
• Results
• Author's conclusions

Critique

• Threats to internal validity
  1. History
  2. Maturation
  3. Testing
  4. Instrumentation
  5. Regression
  6. Selection bias
  7. Experimental mortality
  8. Design contamination
• Threats to external validity
  1. Population
  2. Ecological

Conclusions

• Is the article logically coherent?
• In what way is the article useful?
• Do you have confidence in the findings? State your reasons.
• What significance do you see from this study for educators?

1. Adapted from forms originally developed by Bruce Tuckman and Michelle Saint-Germaine.