

QUANTITATIVE RESEARCH ARTICLE CRITIQUE GUIDELINES

Instructions: Please critique the research article of your choice by addressing the following questions. This project is worth 10 points, and 0.1 point will be deducted from the total points for each question missed or for each wrong response to the following questions.

Writing Style

Is the article well written (concise, grammatically correct, avoids the use of jargon)?

Is it well laid out and organized?

Report Title

Is the title clear, accurate, and unambiguous?

Abstract

Does the abstract offer a clear overview of the study, including the research problem, Sample, methodology, findings, and recommendations?

Statement of the Phenomenon of Interest

Is the Phenomenon to be studied clearly identified?

Are the phenomenon of interest and the research question consistent?

Purpose/Significance of the Study

Is the purpose of the study/research question clearly identified?

Logical Consistency

Does the research report follow the steps of the research process in a logical manner?

Do these steps naturally flow and are the links clear?

Literature Review

Is the review logically organized?

Does it offer a balanced critical analysis of the literature?

Is the majority of the literature of recent origin?

Is it mainly from primary sources and of an empirical nature?

Theoretical Framework

Has a conceptual or theoretical framework been identified?

Is the framework adequately described?

Is the framework appropriate?

Aims/Objectives/Research Question/Hypotheses

- Have aims, objectives, research questions or hypotheses been identified?
- Are they clearly stated?
- Do they reflect the information presented in the literature review?

Sample

- Has the target population been clearly identified?
- How were the sample chosen?
- Was it a probability or a non-probability sample?
- Is it of adequate size?
- Are the inclusion/exclusion criteria clearly identified?
- Are the notes on the demographics of the participants taken?

Ethical Considerations

- Were the participants fully informed about the nature of the research?
- Was the autonomy/confidentiality of the participants guaranteed?
- Were the participants protected from harm?
- Was ethical permission granted for the study?

Operational Definitions

- Are all the terms, theories, and concepts mentioned in the study clearly defined?

Methodology

- Is the research design clearly identified?
- Is the study experimental or non-experimental?
- Has the data gathering instrument been described?
- Is the instrument appropriate?
- How was it developed?
- Were reliability and validity testing undertaken and the results discussed?
- Was a pilot study undertaken?

Data Collection/Data Analysis

- What type of data and statistical analysis was undertaken?
- Was it appropriate?
- How many of the sample participated?

Findings/Discussion

- Are the findings linked back to the literature review?

If a hypothesis was identified, was it supported?

Was practical significance addressed along with statistical significance?

Were the strengths and limitations of the study including generalizability discussed?

Was a recommendation for future research made?

References

Were all the books, journals, and other media alluded to in the study accurately referenced?