

Literary Criticism RCS813 - Assignment 8

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Part
01

Research Title

Assignment : Critique of Research Paper in Terms of
hypothesis testing

Article Chosen :

Cyber Governance Studies in Ensuring Cybersecurity: An Overview of Cybersecurity Governance

<https://link.springer.com/content/pdf/10.1365/s43439-021-00045-4.pdf>

Published in 2022

1. Stated hypothesis

The paper does not formulate or test any explicit hypotheses—neither main nor sub-hypotheses.

Why? Because it adopts a descriptive, literature-based approach rather than an empirical or experimental one.

Therefore, there is no data collection or statistical analysis involved to validate any theoretical claims.

1. Stated hypothesis – coniu'ed

This limits the scientific rigor of the study. Hypothesis testing is crucial in building measurable and generalizable knowledge. Without it, the article remains conceptual and does not provide evidence-based conclusions.

2. Suggested hypothesis:

The effectiveness of cyber governance frameworks is positively associated with an organization's cybersecurity resilience.

2. Suggested hypothesis – continu'ed:

Mediating Variable Hypothesis:

The relationship between cyber governance maturity and cybersecurity outcomes is mediated by organizational culture toward risk management.

3. Hypothesis testing

These hypothesis could be tested using surveys, case studies, or secondary data (e.g., breach reports, audit results) across industries. Including such hypotheses would have given the paper a stronger empirical foundation and opened doors for quantitative validation.

4. summary

No hypotheses were defined or tested.

No methodology for empirical verification was used.

This weakens the study's ability to contribute actionable or testable insights.

We suggested a hypothesis and how to test it