

Research Issues 2

RSC811 - Task 4

Prepared by
Abdulaziz Alarfaj



Part 01

Research Title - عنوان البحث

Assignment : Critique of Research Paper in Terms of
formulates objectives and research questions,

Article Chosen :

“Cybersecurity Policy, ESG, and Operational Risk: A Virtuous Relationship to Improve Banks’ Performance”

<https://www.sciencedirect.com/science/article/pii/S1059056025002163/pdf?md5=b7f3e8f33daeaef07a3c71f4e1445f58&pid=1-s2.0-S1059056025002163-main.pdf>

Part
01

١. نوع المنهجية

Type of Methodology: The study adopts a quantitative methodology, which is clearly stated and appropriately chosen. The authors aim to measure the effect of cybersecurity policy (CSP), ESG, and operational risk on financial performance using numerical data. This matches the research objectives, which involve statistical modeling and hypothesis testing.

Part
02

٢. أدوات جمع البيانات

Data Collection Tools: The paper relies on secondary data collected from well-established sources:

- Bloomberg (for ESG and financial indicators)
- Refinitiv Eikon (for operational risk data)
- Bankscope and Orbis Bank Focus (for control variables)

The authors explain the variables used and define each dataset clearly, demonstrating how each one contributes to the overall analysis.

Part
03

٣. كيفية استخدام الأدوات

Use of Tools: The paper details how the data was used by applying:

- Panel data regression models
- Interrupted Time Series (ITS) analysis

These techniques were used to test the hypotheses over a period from 2009 to 2023 across 1673 bank-year observations from 34 countries. The application is described clearly and logically, linking data sources to statistical methods.

Part
04

٤. الفرضية و المنهجية

4. Research Hypotheses Support the RQ:

The study supports the research question with **four clearly formulated hypotheses** (H1 to H4), which are logically derived from the question:

- H1: CSP positively influences financial performance
- H2: ESG factors positively affect financial performance

5. Methodological Compatibility:

The use of panel regression and interrupted time series (ITS) models demonstrates that the research design is well-suited to answer the questions and test the hypotheses. The approach matches the complexity of the objectives.