

Research Issues 2

RSC811 - Task 9

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Part
01

Research Title - عنوان البحث

Assignment : Critique of Research Paper in Terms of
Evaluating Conclusions and Recommendations

Article Chosen :

“The Economics of Cybersecurity: Principles and Policy Options” (Tyler Moore)

“Cybersecurity policy, ESG and operational risk: A virtuous relationship to improve banks’ performance”
<https://www.mdpi.com/2624-800X/2/3/29/pdf?version=1658727040>

Part
01

١. ملخص النتائج العامة

1. Summary of Main Results**Paper 1: The Economics of Cybersecurity**

Identifies how economic principles (externalities, misaligned incentives, information asymmetry) undermine cybersecurity.

Proposes that market forces alone are insufficient to ensure strong security practices.

Paper 2: CSP, ESG & Operational Risk

Quantitatively shows that **cybersecurity policy (CSP)** and **operational risk** significantly influence bank performance.

ESG performance moderates this relationship.

Highlights positive correlation between strategic CSP and financial returns.

Part
02

٢. ترجمة النتائج

2. Interpretation of Results**Paper 1:**

Results interpreted in a conceptual policy framework.

Author emphasizes that cybersecurity failures often stem from misincentives, not lack of technology.

Argues for adjusting economic structures, not just deploying more tools.

Paper 2:

Results interpreted statistically and in line with hypotheses.

Clear discussion of effect sizes, significance, and interaction of variables.

Strong link between findings and prior literature on cyber risk and ESG metrics.

Part
02

٢. مدى تأثير النتائج

3. Influence/Impact of Results**Paper 1:**

Influential in shaping **policy thinking**: suggests liability reform, certification schemes, and better insurance markets.

Encourages a shift in how governments think about cyber regulation.

Paper 2:

Direct implications for **bank management and regulatory frameworks**.

Encourages aligning cybersecurity investment with ESG strategies to drive performance.

Could impact how financial institutions justify cyber spend.

Part
02

٢. التوصيات

4. Recommendations**A. For Future Research**

Paper 1: Suggests further exploration of how economic instruments (like insurance or taxes) could reduce cyber risks.

Paper 2: Calls for extending the model to other sectors (non-banking), and including qualitative factors (e.g., governance quality).

B. For Practitioners

Paper 1: Recommends that businesses assess their **incentive structures** and invest in collective defense models.

Paper 2: Advises banks to **strategically integrate CSP** into risk and ESG frameworks.

C. For Policymakers

Paper 1: Concrete policy suggestions — introduce liability laws, subsidize insurance, enforce software standards.

Paper 2: Suggests regulators **encourage cyber-ESG integration**, require transparency in CSP metrics.

Part
03

٣. التقييم النهائي

Criteria

Clarity of Conclusions (5/5)

**Realism of Recommendations
(5/5)**

Assessment

Both papers present clear, logical, and focused conclusions.

Recommendations are practical, relevant, and tailored to target audiences.