

**Article Review #1 Exploring the Psychological Profile of Cybercriminals and Implications
for Cybercrime Prevention**

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Introduction/BLUF

The article looks at the psychological profile of cybercriminals and takes into account traits that are present to offer preventive measures. By using PRISMA standards, the researchers of the article screened exactly 1200 studies and after selected 45 different peer reviewed articles used for analysis. Their study came to the conclusion that to strengthen legal structure, improve on cybersecurity policies, and boost prevention of cybercrime understanding the psyche behind the behaviour of cyber criminals

Relation/Connection to Social Science Principles

Reflecting on the article it goes over a few key points of social sciences. It uses the scientific method by collecting systematic data and analyzing it. Furthermore, it shows interdisciplinary traits by combining a multitude of fields such as criminology, psychology, law, and of course cybersecurity. The article makes it apparent that human behaviour interacts with digital social systems suggesting that creating policies that are evidence based are important for improving cybersecurity strategies.

Research Question, Hypotheses, Independent and Dependent Variables

The article questions how psychological traits characterize cybercriminals and how the information is used to improve upon prevention strategies for cybercrime. Its hypothesis is that traits like narcissism, impulsivity, and being skilled and proficient are connected with cybercrime.. The independent variables being psychological characteristics, their demographic, and types of cybercrime; and the dependent variable is their engagement in cyber crime behavior and the effectiveness of the prevention strategies when the psychological data is being taken into account.

Research Methods

The study uses review methods specifically PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) where researchers both evaluated and screened peer reviewed studies from 2023 all the way back to 2010. Also taking advantage of EndNote, Excel, and NVivo both organize and analyze their findings. The study is qualitative while also very structured and strong evaluation to make sure the methodology is both strong and reliable.

Types of Data and Analysis

Peer reviewed studies are used for the data that go over psychological traits, legal structure, and also prevention strategies that are related to cybercrime. The researchers also used qualitative analysis to help identify patterns and also characteristics of behaviour. Assessment tools like PRISMA and CASP were utilized as well to make sure that the selection and evaluation of research is both transparent and reliable.

Connections to Course Concepts

Main concepts that stuck out to me were Routine Activity Theory (Not sure if it was from this class but I recall learning it from this semester.), Principles of Social Sciences, and how human factors play a role in cybersecurity. It has always been apparent to me that cybersecurity is not solely a technical issue but an interdisciplinary field that bridges together behavioural and social issues as well. Taking into account both criminology theory with the practices of cybersecurity it connects the gap of both technical defence and social science.

Concerns and Contributions of Marginalized Groups

Cybercrime immensely impacts marginalized groups of individuals, people with low income, small businesses, and even those who don't or aren't aware of cybersecurity practices

and resources. These populations often take a very severe blow whether that may be from psychological distress, financial loss, or damage to their reputation. The article helps contribute because it advocates for strong legal structure and cooperation internationally which could help protect these vulnerable groups from being exploited.

Conclusion

To conclude, the study is great in the aspect of how it contributes to the bridge that connects both cybersecurity and social sciences by shedding light on how cybercriminal behaviour is built on psychological foundations. The research explains that to have effective prevention of cybercrime it will require technological defenses, new legal policies, identifying psychological traits, as well as cooperation on the international level. The article focuses on both the behavioural aspect as well as technical, which helps understand cyberthreats and gives information for both policymakers and cybersecurity professionals to take into account.

References

Trinh, D. T., Dinh, T. C. H., & Tran, T. N. K. (2025). Exploring the Psychological Profile of Cybercriminals: A Comprehensive Review for Improved Cybercrime Prevention. *International Journal of Cybercriminology*.

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