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## Article Review #1

### Article Review #1 – Evaluating Theories in Cybersecurity

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<https://academic.oup.com/cybersecurity/article/9/1/tyad018/7246580?searchresult=1>

- How the topic related to the principles of the social sciences

This article is about applying a systematic scenario-based risk exploration that is decided upon decision-makers within organizations. This method is purposely applied by the author of the article to their target audience to bring awareness of the risks of cybersecurity. It applies social science due to decision-makers decided upon the risk exploration.

- The study's research questions or hypotheses

They contribute by addressing the following: Does a scenario-based approach to articulation of business risks effectively capture insights from business decision-makers? Do decision-makers across the wider business perceive whether cyber-risk relates to their domain of decisions?

- The types of research methods used

As stated before, they apply a systematic scenario-based risk exploration. They explore perceptions of cybersecurity risks at the highest level.

- The types of data and analysis done

They analyzed the handling of the nine members of a public-private sector in a half-day online workshop.

- How concepts discussed in class relate to the article

More specifically, the group uses the cognitive theory to investigate information through a scenario-based approach.

- The overall contributions of the studies to society

The study gives us valuable information through the efforts of the authors and the researchers who conducted the study. They detail on how average employees react to realistic cybersecurity scenarios and how that reflects on how we can improve our sector security. The information gathered will hopefully improve employee education and awareness.

## References

Parkin, S., Kuhn, K., & Shaikh, S. (n.d.). *Executive decision-makers: a scenario-based approach to assessing organizational cyber-risk perception*. Academic.oup.com.

<https://academic.oup.com/cybersecurity/article/9/1/tyad018/7246580?searchresult=1>

Professor Mann. Modules 3 & 11 of CYSE 201S.