

## **Human interaction in Security Information Sharing**

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This article is based on behavioral tendencies involving human participation such as surveys and experiments that involve security information sharing. In relation to cybersecurity this article implies various components such as determinism, ethical neutrality, and objectivity. This article demonstrates determinism because it emphasizes the importance of finding conclusions on why individuals do certain things. Based on the study, many individuals were not accepting of providing security information even after being assured with technological advancements. Such technological advancements reinforced that they were being protected. Such actions allowed for the study to conclude that these individuals were affected by their previous experiences therefore, causing an effect on the outcome.

Not only is determinism demonstrated in the article, but ethical neutrality is represented as well. It demonstrates ethical neutrality because everyone involved in the study was provided with the same questionnaire format without involving any bias decisions such as ethnicity. The questionnaire was also provided in English allowing for those that could understand to complete the questionnaire to their best of the capability without there being any language barriers involved. There were seven different focus groups ensuring no economic hardship due to participation being free of charge. Participation being free of charge ensured that there were no issues with the participants having economic hardship along the way. The participants were all offered the same compensation, ensuring that would promote an incentive for the participants to not involve any false information while participating in the study.

Lastly, objectivity is represented throughout the article as well due to the study being inspected for consistency. The study was then converted into a chart to ensure data was recorded on paper. This study involved many opinions from different individuals, but it concludes that questions can be asked, answered, and provided in a way that ensures that the data can be viewed with an unbiased point of perspective. Ensuring an unbiased point of view ensures that individuals can think in an interdisciplinary manner.

In this study the hypothesis was “individuals are unlikely to participate in SIS due to it being completely un-natural”. It theorizes why individuals may be associated with SIS and their interactions with SIS. Applying prior behavioral research to our research context, we develop testable hypotheses about five salient constructs which may be associated with SIS.”

The research method involved was a questionnaire that focused on the behavioral analysis of sharing security information. Questions were formed and asked in a particular manner ensuring that the participants could answer in a simple manner. It involved the determination of why certain participants answered the way they did and what reasons the individual have to have that opinion on a certain topic. The main factor that was demonstrated in the questionnaire was the individuals’ attitude based on the questions about sharing of security information. The data demonstrates how those attitudes were being reflected.

While being in this course I believe that this article demonstrated concepts such as sociology and psychology because the data demonstrates the causes of why these individuals answered certain questions whether that be from their prior experiences whether that be a negative or positive experience.

The study can relate to marginalized groups because there was no requirement in order to be involved in the study. Participants were not chosen due to a certain ethnicity or background. The choosing of the participants in the survey was completely unbiased. Ensuring that individuals who are not in a marginalized group would ensure a better understanding of the study overall.

This study can be used in society for organizations that involve security information sharing. This study demonstrates scholarly individuals who are formatting better ideas in order to ensure safe security information sharing in these organizations. The material show is being used in order to optimize technological advancements for a better future.

## References

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