

Article Analysis

Ray Montes Jr.

5 August 2025

The article entitled developing metrics to assess the effectiveness of cybersecurity awareness programs links directly to the principles of social science, since the topic refers to troubles related to human behavior and decision making processes, and the ability of people to change their habits due to education and awareness. It is meant to solve the following question of how do we develop reliable and valid methods of measuring whether cybersecurity training does work. The authors discuss the way the current awareness programs are being assessed and go on to develop a framework that can assist organizations to assess any actual changes in behavior besides assessing them in terms of knowledge. This strategy is based on such techniques as a review of previous research, consultation of the experts, the development of formulated evaluation instruments. Although not a conventional experiment, it is all the same scientifically, such as the theory of planned behavior and the theory of measurement, since it brings out how people ought to be influenced by awareness programs in terms of setting intentions and behaviors, and how an individual should measure the change in a valid and consistent manner. It also makes striking arguments about equity since not everyone has equal access to technology or digital assets, the tools to gauge awareness must be able to cut across cultures and different communities, including the marginalized ones. This implies that the study promotes inclusiveness by enabling the programs to be effective to all and not just the technology savvy groups. As part of the larger scheme, this article gives back to the community by equipping schools, companies and governments with better means to understand whether their cyber training is truly making individuals safer when using the internet. They will be able to measure actual results rather than guess, and therefore adjust their programs to better guard the users.

REFERENCE

Chaudhary, S., Gkioulos, V., & Katsikas, S. (2022, May 23). *Developing metrics to assess the effectiveness of Cybersecurity Awareness Program | Journal of Cybersecurity | Oxford academic*. Journal of Cybersecurity.
<https://academic.oup.com/cybersecurity/article/8/1/tyac006/6590603>