Peer Response

<https://www.my-course.co.uk/mod/hsuforum/discuss.php?d=301806>

Zihaad Khan

Thanks for your post, Zihaad, this post has clearly identified the effectiveness of the qualitative and quantitative methods. In addition, provided an analysed of the positive contribution of user participation.

Agreed that the quantitative approach is useful to test the theoretical model derived from the qualitative method (Zihaad, 2022), as it would risk using statistical or historical data. Since statistics are based on mathematical conceptions, the quantitative approach was deemed scientifically reasonable and objective.

On the other hand, qualitative approaches focused on exploring ideas and formulating a theory or presumption, the examination is mainly expressed in words and the findings are analysed by summarizing, categorizing, and interpreting. Qualitative research has taken a naturalistic, interpretive approach that seeks to understand, examining objects in their natural contexts and attempting to explain and clarify situations in terms of the meanings people give them.

From the real-life perspective, the quantitative approach is widely used in project risk management like Open FAIR (Factor Analysis of Information Risk). When the Open FAIR quantitative risk analysis methodology is used in threat modelling, more objectively defensible findings may be obtained. The purpose is to better knowledge of the threat simulated system's risk so that a stronger objective comparison with alternative choices can be made, with the goal of maximizing the allowable risk against implementation and operational factors such as cost and time (The Open Group, N.D.).

The Open Group. (N.D.). Security and Risk Management. *Security Forum*. Available from: https://www.opengroup.org/forum/security-forum-0/securityriskmanagement [Accessed 27 March 2022].

Spears, J. & Barki, H. (Sep, 2010) User Participation in Information Systems Security Risk Management. *Management Information Systems Research Center, University of Minnesota*. Available from: https://www.jstor.org/stable/25750689 [Accessed 27 March 2022].