

Cyberspace Security Econometrics System (CSES) Expansion to Address Dependent Events

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Technology Summary

The inventive Cyberspace Security Econometrics System (CSES) is a methodology for estimating security costs to stakeholders as a function of possible risk postures. Additional work has applied CSES to specific business cases. The current state-of-the-art of CSES addresses independent events. In typical usage, analysts create matrices that capture their expert opinion, and then use those matrices to quantify costs to stakeholders. This expansion generalizes CSES to the common real-world case where events may be dependent.

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