**Abstract**

At the moment, phishing, spoofing, and fraudulent email attacks are so widespread that it is difficult to tell a spam message from a real or legitimate email. These attacks use emails in 96% of cases. The average annual global loss to individuals and businesses due to cybercrime is $1.5 trillion.

These attacks can target a specific person anywhere in the world or be carried out internally within a company. The weakest link among the possible victims is typically targeted by the attackers. In this research, we suggest a method for determining the relevance between two email users based on their correspondence. This relevancy, which we calculate using a variety of metrics, shows how likely it is for a person to be attacked by other users.

**Introduction**

The individuals or organizations face an average of [1] global losses to cybercrime total $1.5 trillion per year, which amounts to $2.9 million per minute, a new report by RiskIQ shows. Some of the largest companies are losing $25 each minute due to security breaches. Phishing campaigns accounts for losses of $17,700 per minute and ransomware attacks are expected to cost the world $22,184 per minute this year.

**References**

[1] <https://blog.knowbe4.com/this-year-phishing-causes-losses-of-17700-per-minute-and-ransomware-attacks-will-cost-22184-per-minute>