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## **An Empirical Evaluation of Supervised Learning Methods for Network Malware Identification Based on Feature Selection**

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Malware is a sophisticated, malicious, and sometimes unidentifiable application on the network. The classifying network traffic method using machine learning shows to perform well in detecting malware. In the literature, it is reported that this good performance can depend on a reduced set of network features. This study presents the evaluation of two statistical methods of reduction and selection of features in an Android network traffic dataset using six well-known supervised machine learning algorithms.

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