# CONCLUSION

In this paper, a method for malicious URL detection using machine learning is presented. The empirical results in Tables V and VI have shown the effectiveness of the proposed extracted attributes. In this study, we do not use special attributes, nor do we seek to create huge datasets to improve the accuracy of the system as many other traditional publications. Here, the combination between easy-to-calculate attributes and big data processing technologies to ensure the balance of the two factors is the processing time and accuracy of the system. The results of this research can be applied and implemented in information security technologies in information security systems. The results of this article have been used to build a free tool [20] to detect malicious URLs on web browsers.