# Investigation of Software Maintainability Prediction Models

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***Abstract*—Software must be well developed and maintainable to adapt to the constantly changing requirement of the competitive world. In this article, we distinct different software maintainability prediction models and techniques which can help us to predict the maintainability of software, and can lead us to minimum the effort required to fix the faults in the software and the software will be more maintainable. We have gathered our data from different studies focused on the accuracy of the prediction models as criteria. The results of our study showed that there is a little evidence on the accuracy results of the software maintainability prediction models.**

***Keyword*—Software maintainability models, software maintenance, techniques, prediction, metrics**

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