Abstract

Failures of software are mainly due to the faulty project management practices, which includes effort estimation. Continuous changing scenarios of software development technology makes effort estimation more challenging. Ability of ANN (Artificial Neural Network) to model a complex set of relationship between the dependent variable (effort) and the independent variables (cost drivers) makes it as a potential tool for estimation. This paper presents a performance analysis of different ANNs in effort estimation. We have simulated four types of ANN created by
MATLAB10 NNTool using NASA dataset.

**Reference**


**Index Terms**

Computer Science  
Neural Network
Key words

Effort Estimation
Artificial Neural Network

NNtool

MMRE