5 CONCLUSIONS AND FUTUTURE WORK

The aim of this study is to classify the children with ADHD in academic environment. Decision tree algorithm is applied for real data set of 100 records. The splitting attribute is selected based on the attribute gain, thus could achieve 98% accuracy in 5 levels with better time complexity. Classification rules are extracted from the decision tree and refined to 8rules for classifying ADHD. This is the first step towards generating rules for ADHD category. We also focus our attention to reduce the time complexity by generating a pruned tree and to improve its performance.

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