

User Guide for Auto-WEKA version 2.3

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Contents

1 Introduction

Auto-WEKA is a tool that performs combined algorithm selection and hyperparameter optimisation over the classification and regression algorithms implemented in WEKA. More specifically, given a specific dataset, Auto-WEKA explores hyperparameter settings for many algorithms and recommends to a user which method will likely have good generalisation performance, using model based optimisation techniques.

1.1 Availability

Auto-WEKA is available as a WEKA package through the WEKA package manager (WEKA version 3.7.13 and later). The source code is available at <https://github.com/automl/autoweka>, where bugs can be reported as well.

1.2 License

Auto-WEKA is open source software issued under the GNU General Public License. Note that the included SMAC optimisation method is licensed under the AGPLv3 license.

1.3 Requirements

Auto-WEKA does not have any additional requirements compared to WEKA. If you can run WEKA, you should be able to run Auto-WEKA.