Automatic Ranking of Classification Algorithms

A Comparison of Regression-Based Ranking and Preference Models

Bachelor Thesis Proposal & Work Plan

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Contents

1	Motivation	3
2	Task Objectives	3
3	Task Description	3
4	Initial Document Structure	4
5	Time-Schedule and Subtasks	5

- 1 Motivation
- 2 Task Objectives
- 3 Task Description

4 Initial Document Structure

- 1. Introduction
 - 1.1 Solution Approach
 - 2.2 Structure
- 2. Fundamentals
 - 2.1 ML-Plan? weka? jpl?
 - 2.2 Ranking Algorithms
 - 2.3 Spearmans's Rank Correlation Coefficient
- 3. Implementation
 - 3.1 Regression-based Ranking
 - 3.1.1 Static Algorithm
 - 3.2.2 Automatic Algorithm Selection
 - 3.2 Preference Models
- 4. Evaluation
 - 4.1 Computing the Accuracy of the Results
 - 4.2 Assessment of Accuracy
- 5. Related Work
 - 5.1 Evolutional Algorithms
 - 5.2 Runtime Predictions
- 6. Conclusion
- 7. Literature
- 8. Appendix

5 Time-Schedule and Subtasks

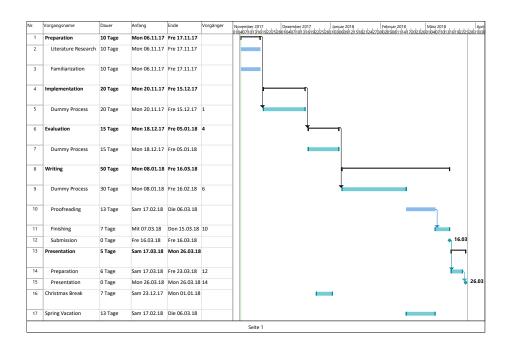


Figure 1: Sketch of the time schedule for the work on the thesis

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