

AgentKB: An agent submitted to the ANAC 2024 ANL league

Yuji KOBAYASHI

April 15, 2024

Tokyo University of Agriculture and Technology
y-kobayashi@katfujilab.tuat.ac.jp

Abstract

This template is provided *as a recommendation*. You are not required to use it for writing your report. The only requirement is that the report falls within two to four A4 pages with a font between 10 and 12 for the main text. You can and is encouraged to use figures to illustrate the general design and the evaluation of your agent. Submit the pdf file of your report.

1 Introduction

The Automated Negotiating Agent Competition (ANAC) is an international tournament that has been running since 2010 to bring together researchers from the negotiation community. I took part in the Automated Negotiation League (ANL) and proposed a "AgentKB". The agent aims to get high social welfare.

2 The Design of AgentKB

This template is provided *as a recommendation*. You are not required to use it for writing your report. The only requirement is that the report falls within two to four A4 pages with a font between 10 and 12 for the main text. You can and is encouraged to use figures to illustrate the general design and the evaluation of your agent. Submit the pdf file of your report.

2.1	Bidding Strategy
2.2	Acceptance Strategy
3	Evaluation
4	Lessons and Suggestions
	Conclusions