Linköping Studies in Science and Technology Thesis No. 2264

Empirical Studies in Machine Psychology

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Abstract

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Preface

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Acknowledgements

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chapter 1

Introduction

2 Introduction

Background and Preliminaries

Operant Conditioning

- 3.1 Introduction
- 3.2 Method
- 3.3 Results
- 3.4 Discussion

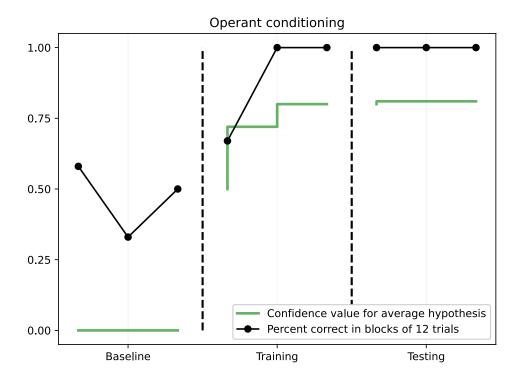


Figure 3.1. Learning in the form of operant conditioning. Dots illustrate the percent of correct in blocks of 12 trials. The solid line shows the NARS confidence value for specific hypotheses.

Generalized Identity Matching

- 4.1 Introduction
- 4.2 Method
- 4.3 Results
- 4.4 Discussion

The results from the four phases are illustrated in Figure 4.1.

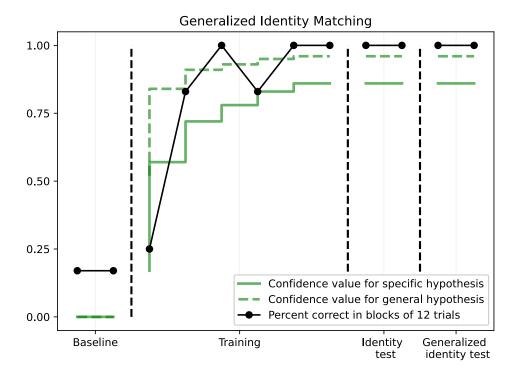


Figure 4.1. Learning generalized identity matching in the Match-to-sample task. Dots illustrate the percent of correct in blocks of 12 trials. The solid line shows the NARS confidence value for specific hypotheses (identity matching), while the dashed line illustrates the NARS confidence in general hypotheses (generalized identity matching).

Stimulus Equivalence

- 5.1 Introduction
- 5.2 Method
- 5.3 Results
- 5.4 Discussion

Beyond Equivalence

- 6.1 Introduction
- 6.2 Method
- 6.3 Results
- 6.4 Discussion

Conclusions and Future Work

7.1 Conclusions

7.2 Future Work