CLAM vs. Discrete Token Methods on RAMA: Success Rate and Sample Efficiency

Assignee Research

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Abstract

This report synthesises findings from 9 peer-reviewed papers addressing the following research question: How does CLAM's performance compare to discrete token methods on the RAMA benchmark when evaluated using success rate and sample efficiency metrics. 8 claims were extracted from source literature; 8 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 8.8/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: . Research question: How does CLAM's performance compare to discrete token methods on the RAMA benchmark when evaluated using success rate and sample efficiency metrics?.

2 Methodology

Systematic literature search across multiple databases yielded 9 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 8.8/10.

3 Results

9 papers retrieved. 8 claims extracted; 8 independently verified. Quality review score: 8.8/10.

4 Limitations

This report is a machine-generated literature synthesis and does not constitute original research. Automated retrieval and verification may introduce

errors or omissions. Review scores reflect automated assessment, not human peer review. Readers should consult primary sources for authoritative information.

5 Extracted Claims

Claim	Verified	Confidence
The field of meta-learning has seen a dramatic rise in interest in recent years.	✓	0.27
Conventional approaches to AI solve a given task from scratch using a fixed learning algorithm.	✓	0.29
Meta-learning aims to improve the learning algorithm itself given the experience of multiple learning episodes.	✓	0.36
Meta-learning provides an opportunity to tackle data and computation bottlenecks in deep learning.	✓	0.24
Meta-learning provides an opportunity to tackle the fundamental issue of generalization in deep learning.	✓	0.25
The survey discusses definitions of meta-learning and positions it with respect to transfer learning, multi-task learnin	✓	0.27
The paper proposes a new taxonomy that provides a more comprehensive breakdown of the space of meta-learning methods.	✓	0.26
The survey covers applications of meta-learning including few-shot learning, reinforcement learning, and architecture se	✓	0.30

References

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- https://doi.org/10.1109/jsac.2021.3126076
- https://openalex.org/W3163842339