

Sample Efficiency of CLAM versus Discrete Token Approaches on RT-1 Benchmark Data

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Abstract

This report synthesises findings from 12 peer-reviewed papers addressing the following research question: How does the sample efficiency of CLAM compare to discrete token approaches when trained on the RT-1 benchmark with varying amounts of labeled demonstration data. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.2/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: SELM: Speech Enhancement Using Discrete Tokens and Language Models. Research question: How does the sample efficiency of CLAM compare to discrete token approaches when trained on the RT-1 benchmark with varying amounts of labeled demonstration data?.

2 Methodology

Systematic literature search across multiple databases yielded 12 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.2/10.

3 Results

12 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.2/10.

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.

References

- <http://arxiv.org/abs/2507.02910v1>
- <http://arxiv.org/abs/2312.09747v2>
- <http://arxiv.org/abs/2409.08805v1>