

Task 12 - Abductive Event Reasoning: Towards Real-World Event Causal Inference for Large Language Models

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Abstract

This document is a supplement to the general instructions for *ACL authors. It contains instructions for using the \LaTeX style files for ACL conferences. The document itself conforms to its own specifications, and is therefore an example of what your manuscript should look like. These instructions should be used both for papers submitted for review and for final versions of accepted papers.

A Example Appendix

This is an appendix.

1 Introduction

Describe here the objectives and the context of application of your experiment. This text can be based on the application description or on the SE-Meval task requirements

1.1 Research Questions

list the research questions of your experiment.

2 Background

Provide an overview of relevant work in the literature related to your task.

3 System overview

Describe all the methodological choices that you performed: e.g., architecture, utilized datasets, methodology, prompt engineering techniques, tuning approaches, model selections, validation strategies. Use separate subparagraphs for each piece of information. Use diagrams to describe architectural choices.

4 Experimental results

5 Conclusion

Provide a critical evaluation of your work. What are the main outcomes and limitations? How can the work be extended?

Table 1: Performance comparison of different approaches and prompts on the dev set.

Approach	Prompt	Model	Official Score	Strict Acc.	Partial %	Macro F1
Baseline	Zero-shot CoT	deepseek-v3.2	0.29	28.50%	2.50%	0.52
	Conservative	deepseek-v3.2	0.42	39.25%	4.75%	0.69
	Balanced	deepseek-v3.2	0.47	41.25%	11.00%	0.67
Two-Pass	Zero-shot CoT	deepseek-v3.2	0.19	12.75%	N/A	0.43
	Conservative	N/A	N/A	N/A	N/A	N/A
	Balanced	N/A	N/A	N/A	N/A	N/A
SC-Refine	Zero-shot CoT	N/A	N/A	N/A	N/A	N/A
	Conservative	N/A	N/A	N/A	N/A	N/A
		deepseek-r1	0.74	60.25%	27.00%	0.79
	Balanced	deepseek-v3.2	N/A	N/A	N/A	N/A
		qwen3-80b	N/A	N/A	N/A	N/A