

REVIEWER'S REPORT

Manuscript No.: JNHST- 028

Title: Cognitive Divergence as a Predictor of LLM Output Comprehensibility: Extending Relative-to-Human Benchmarks Beyond Translation Tasks.

Recommendation:

Accept as it is

Accept after minor revision...YES.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity			✓	
Significance			✓	

Reviewer's ID: JPR- JNJST-02

Detailed Reviewer's Report

This research was conducted to investigate the role of Cognitive Divergence as a critical factor in determining the comprehensibility of Large Language Models' (LLMs) outputs. In this manuscript the researcher has used the short form as LLM without full form in title, that is not correct. In title there should be everything clear. We cannot use short forms without full form in title. Abstract is present and is written in a proper way. Also, the keywords are given properly. In the introduction part, the researcher has made link of introduction with the title also the citations are given **but**, the research gap is not given. The review of related literature is given in this manuscript. The Methodology is given in a proper way and the research questions or objectives are given. Results are given properly. Also, the comparison of results with the findings of previous researches is given in this manuscript. But, the limitations and further suggestions are not given in this manuscript. However, the educational implications are given. Thus, this paper is accepted only after making these minor changes.

Reason for Minor changes

Firstly, in title the researcher has used short form of Large Language Models instead of full form which is not correct way as for as professionalism in research paper is considered. In addition to this, the research gap is not given in this manuscript. Also, the limitations and further suggestions are not given in this manuscript properly. Thus, this paper is accepted only after making these minor changes.

Title

The title of any research paper must be clear and comprehensive. In this manuscript, the research has used short form of Large Language Models without its full form that is not considered good in title of any research paper.

Abstract

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In this manuscript the Abstract is present in a proper way in which all things are mentioned properly such as title, methods, sample, results, etc. Also, the keywords are given properly.

Introduction

In the introduction part, the researcher has made link of introduction with the title also the citations are given. But, the research gap is not given. It should be provided.

Review of related literature

In this manuscript the researcher has mentioned the review of literature. It is essential for each and every research paper to have a review section in which important studies related to the title and objectives are mentioned.

Methodology

Methodology is given in this manuscript. Also, the researcher has mentioned the research questions or objectives properly in this manuscript such as to investigate the association between Cognitive Divergence and comprehensibility in various NLP tasks.

Results

The result section is given in a proper way in this manuscript. But The findings are not given in detail with narrative/statistical proofs.

Discussion

The discussion section in this study is given properly and the researcher has made comparisons of results with previous studies. But, further suggestions, limitations have not been provided by the researcher in this manuscript by which the validity of research papers decreases and becomes less effective. However, the educational implications are given.

Conclusion

Overall the research paper is good and important, and some important things have been mentioned properly but some are missing. Thus, this manuscript is accepted only after making these minor changes mentioned above.