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ABSTRACT

Background:
Objective:
Method:
Results:

CCS CONCEPTS

• **Social and professional topics** → **Computing education**; •
Computing methodologies → **Artificial intelligence**.

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1 INTRODUCTION

In Jordan et al. [1], they found that amoung the languages under
their consideration, English, Spanish, Vietnamese, and Tamil, the
worst performing language was Tamil, generating incorrect solu-
tions and non-sensiable translations. Though the authors did not
systematically investigate the the nature of the poor performance
or methods of improvement, they did note several possible reasons:

(1)
(2) Compared to English and Spanish it was likely a lower re-
sourced language in the training data.

The first of these two possibilities is, perhaps, the most interesting.
In Tamil, there are two core dialects which differ significantly: liter-
ary Tamil (sen-Tamil) and colloquial (kodun-Tamil) []. Additionally,
given Tamil is spoken not just in and around Tamil Nadu, but also in
Sri Lanka, Malaysia, and Singapore, there are a number of regional
dialects [].

2 BACKGROUND

3 METHODS

4 RESULTS

5 DISCUSSION

6 LIMITATIONS

7 CONCLUSION

REFERENCES

[1] Mollie Jordan, Kevin Ly, and Adalbert Gerald Soosai Raj. 2024. Need a Program-
ming Exercise Generated in Your Native Language? ChatGPT's Got Your Back:
Automatic Generation of Non-English Programming Exercises Using OpenAI
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