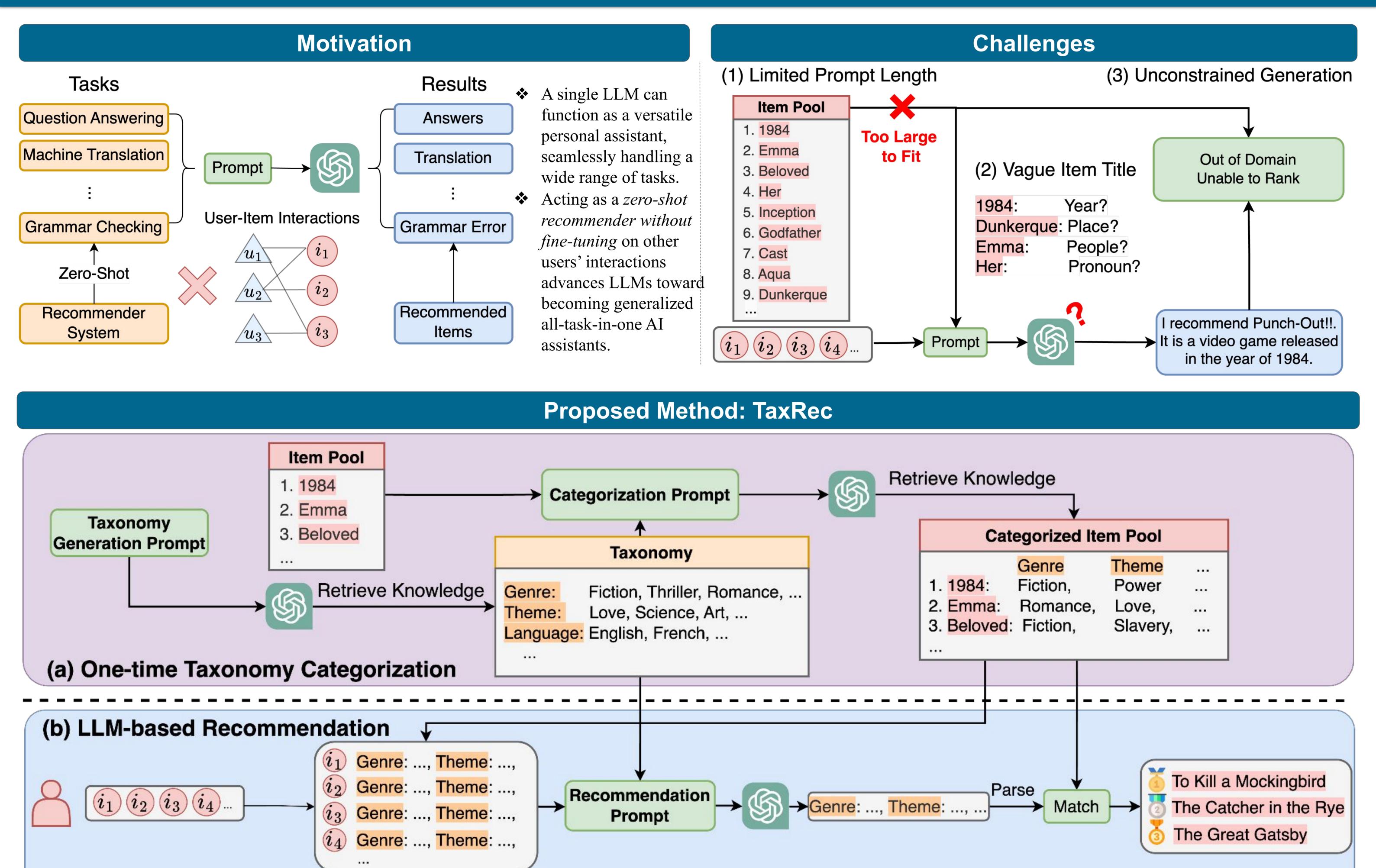
Taxonomy-Guided Zero-Shot Recommendations with LLMs

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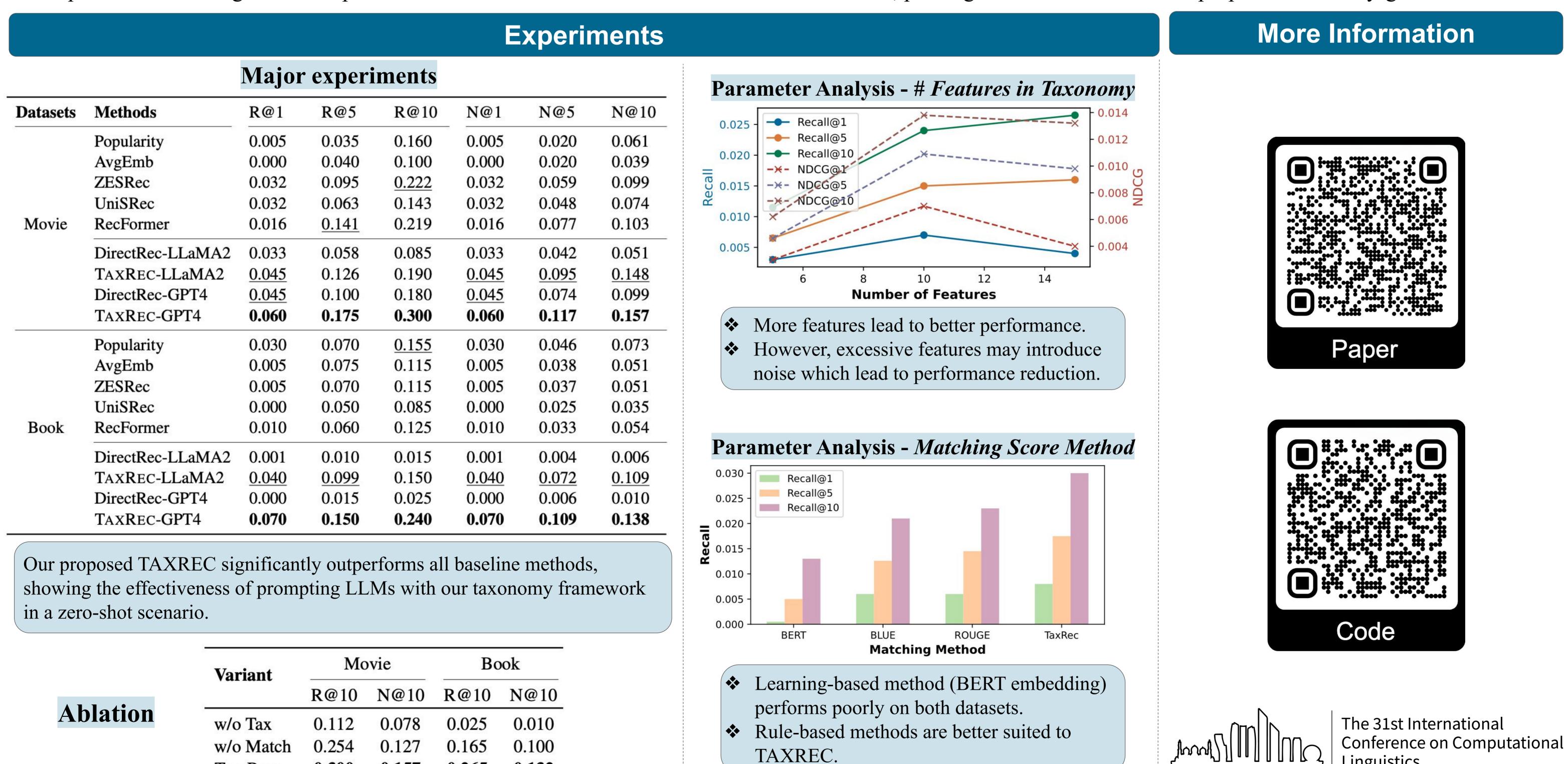
Contributions

(3) Categorized Recommendation

We propose TaxRec, a taxonomy-guided method to retrieve LLM's knowledge and enhance LLM's ability as personal recommenders.

(2) Categorized Historical Interactions

- By systematically categorizing and organizing items through a taxonomy framework, we address the key challenges faced by LLM-based recommendation systems.
- Experiments show significant improvements of TaxRec over current zero-shot recommenders, proving the effectiveness of our proposed taxonomy-guided method.



TAXREC

0.300

0.157

0.265

0.132

(1) Historical Interactions

Linguistics

(4) Recommended Items