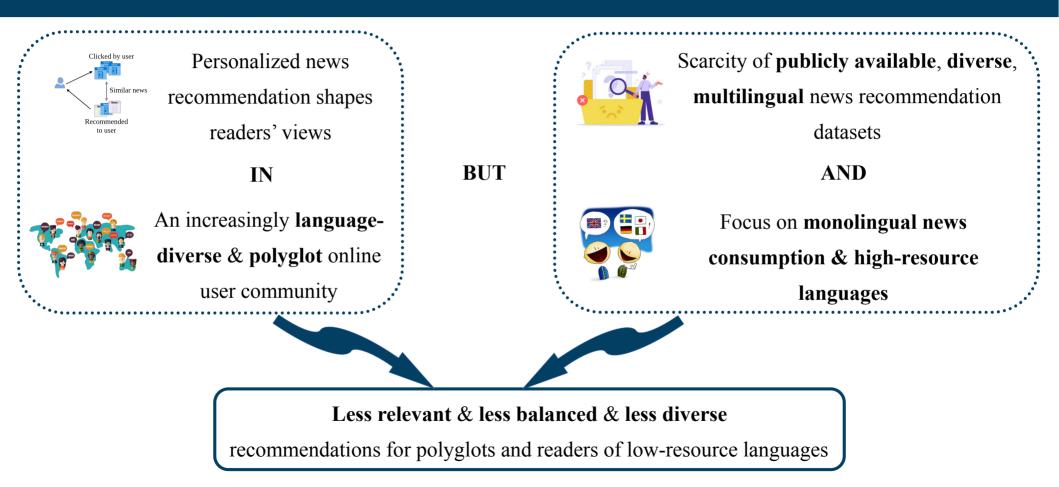


# MIND Your Language: A Multilingual Dataset for Crosslingual News Recommendation

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## Multilinguality in News & Recommendation



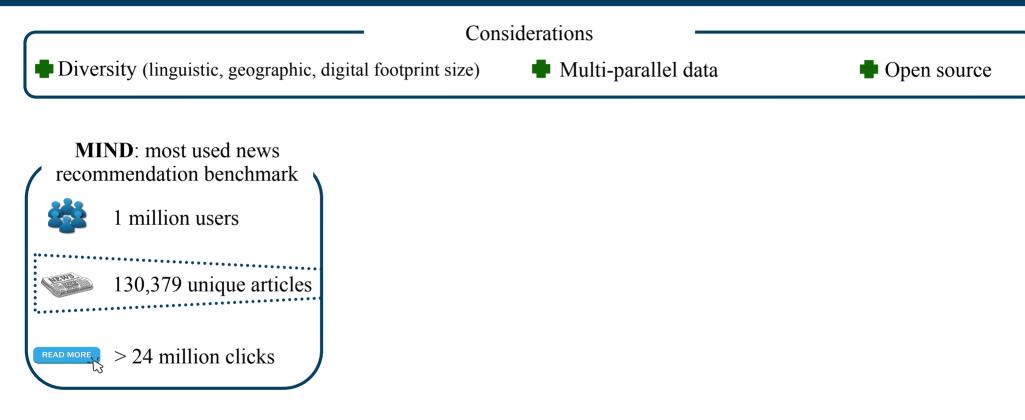
#### 15/07/2024

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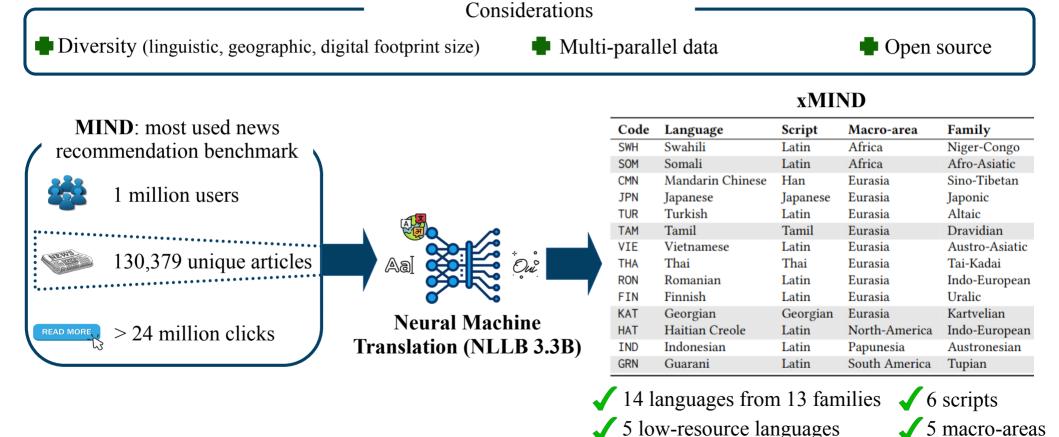
## xMIND: A Multilingual News Dataset



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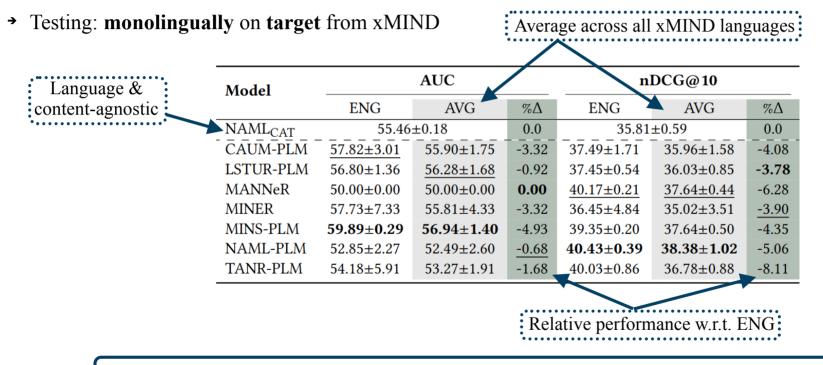


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## Zero-shot Cross-lingual News Recommendation

→ Training: monolingually on ENG as source



News recommenders suffer substantial performance losses under zero-shot cross-lingual transfer.

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### **Few-shot Cross-lingual News Recommendation**

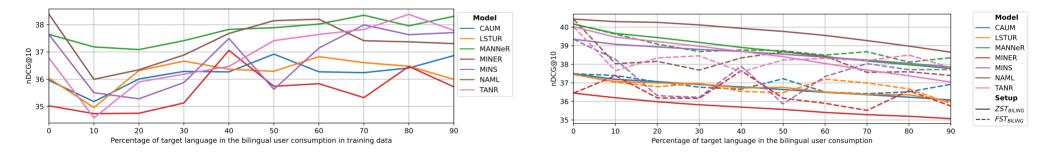
### **Monolingual News Consumption**

- Training: injection of x% target language examples
- Testing: monolingually on target from xMIND

### **Bilingual News Consumption**

*Simulated* bilingual consumption: replace x% of source-language news in user history w/ target-language news

 Testing: bilingually on ENG as source + target from xMIND



Few-shot target-language injection during training shows limited benefits.

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### xMIND @ GitHub



xMIND @ HuggingFace



Contact