

# CLIR for Informal Content in Arabic Forum Posts

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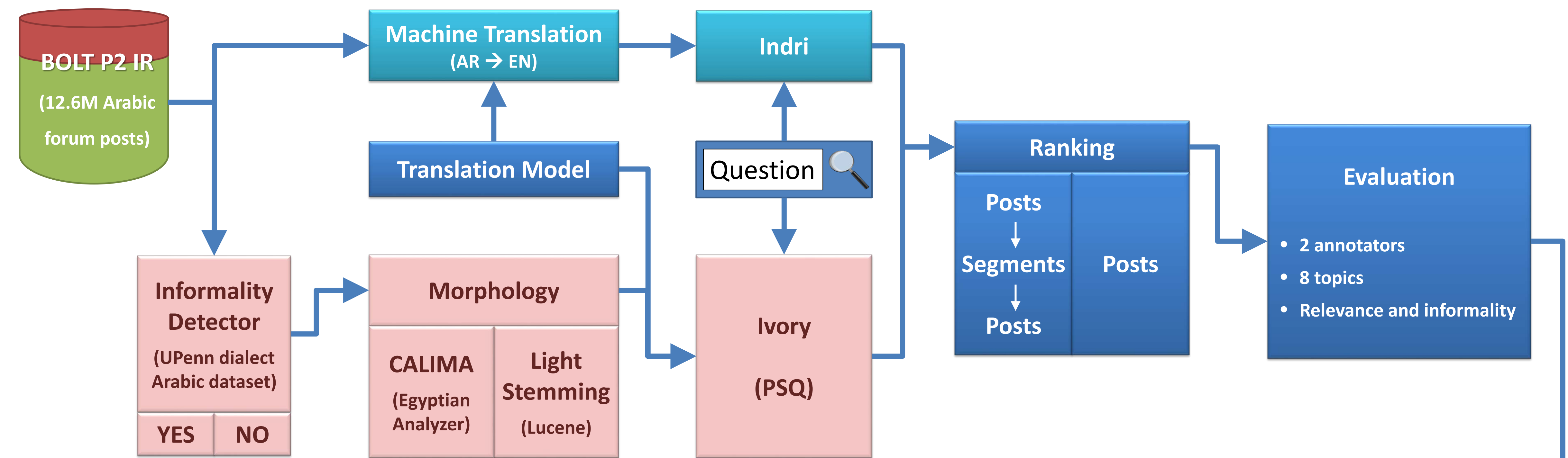


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## Introduction



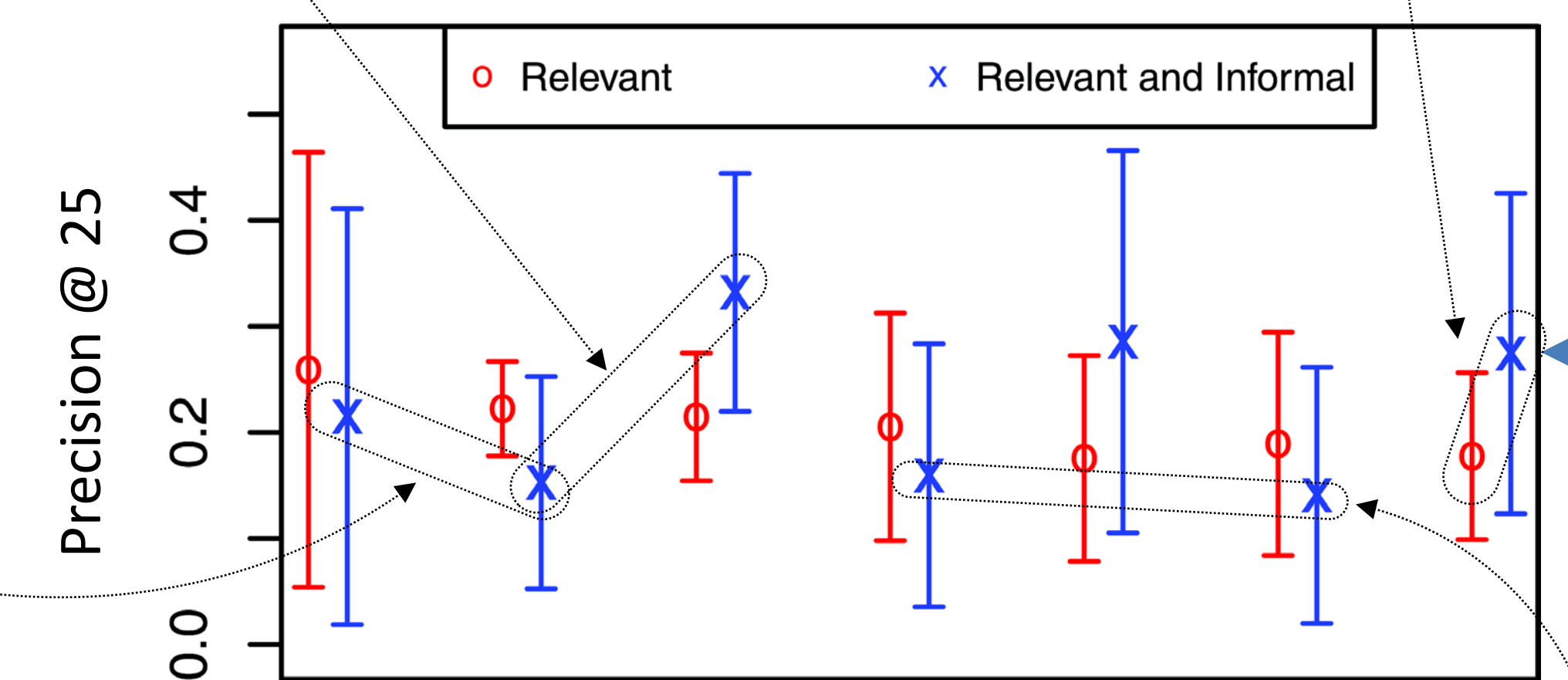
## Experiments



New measure rewards systems tuned to retrieve informality

Informality classifier improves precision significantly

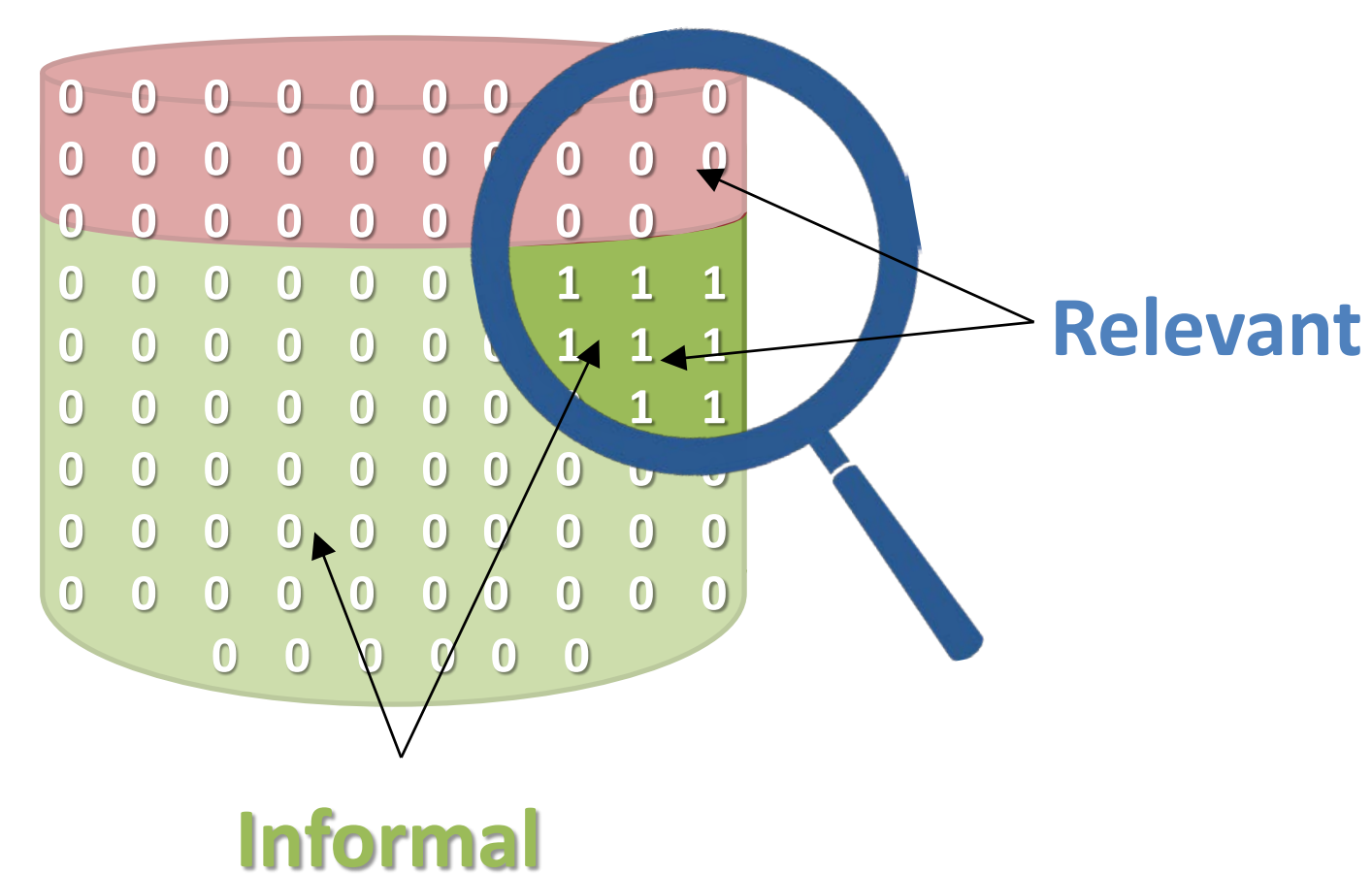
No statistical difference between MT First and IR First



No difference between CALIMA and light stemming

## Relevant Informality

- Goal: optimize retrieval of informal content
- New measure: relevant and informal



## Conclusion & Future Work

- 🧪 New measure
- 🧪 New test collection
- ✓ Informality classification
- ✗ Probabilistic Structured Queries
- ✗ Dialect-tuned morphological analysis
- ? Pseudo-Relevance Feedback
- ? Dialect to MSA MT system
- ? Informal questions
- ? Query translation