

Generating Continuations in Multilingual Idiomatic Contexts



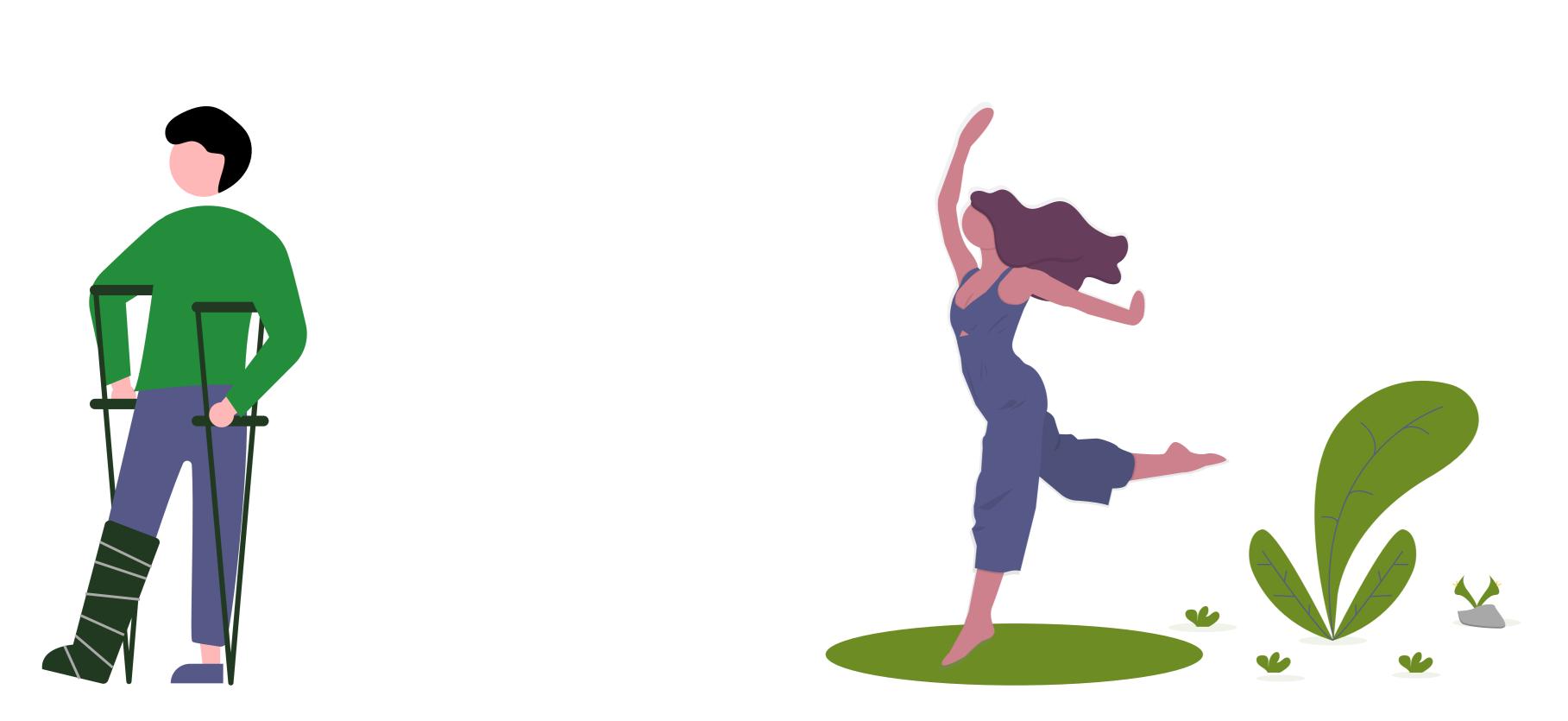
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MOTIVATION

OVERALL ARCHITECTURE

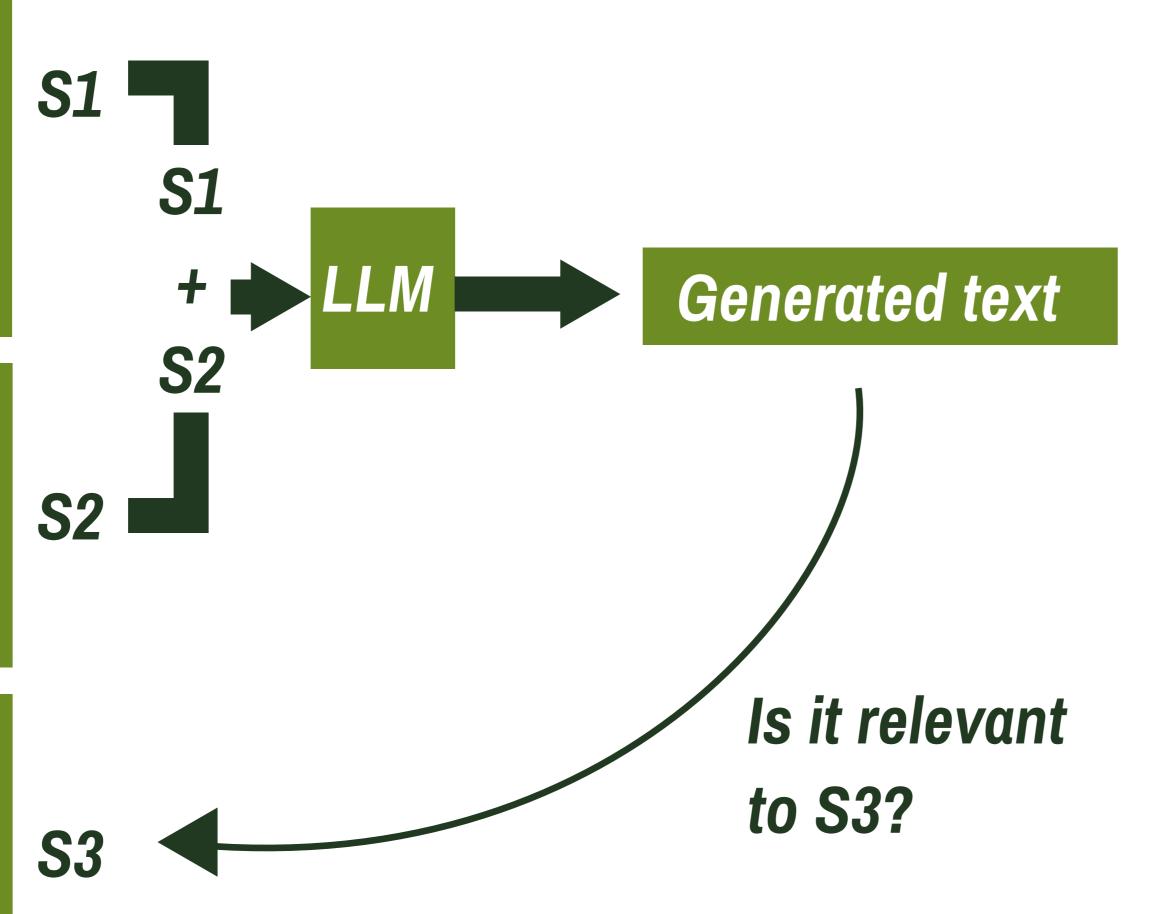
I hope you break a leg in your theater performance tonight!

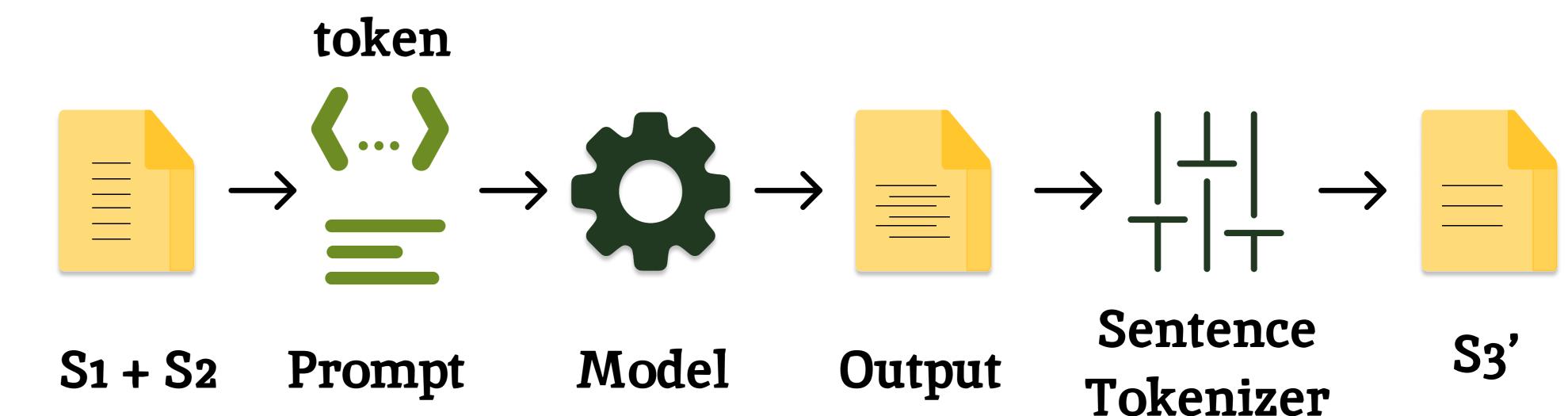
Add special



PROBLEM FORMULATION

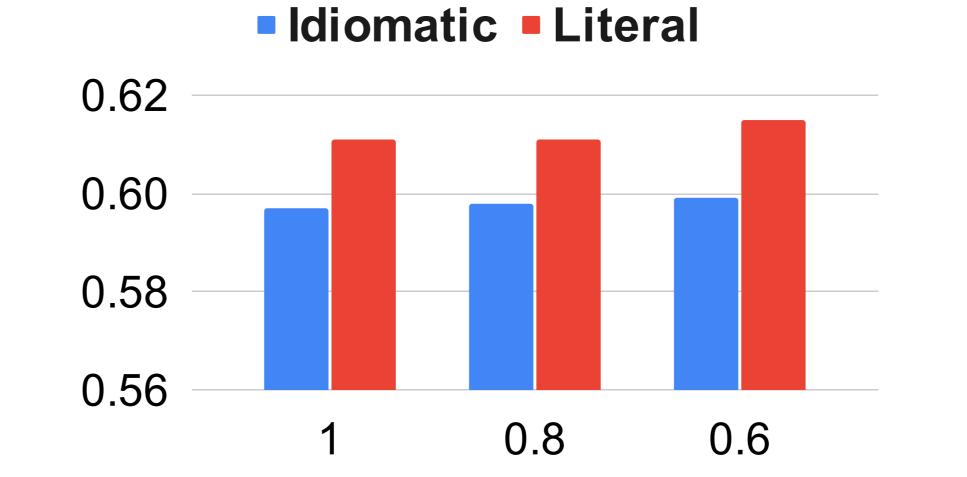
Gold remains stuck in consolidation mode, and this can be frustrating for



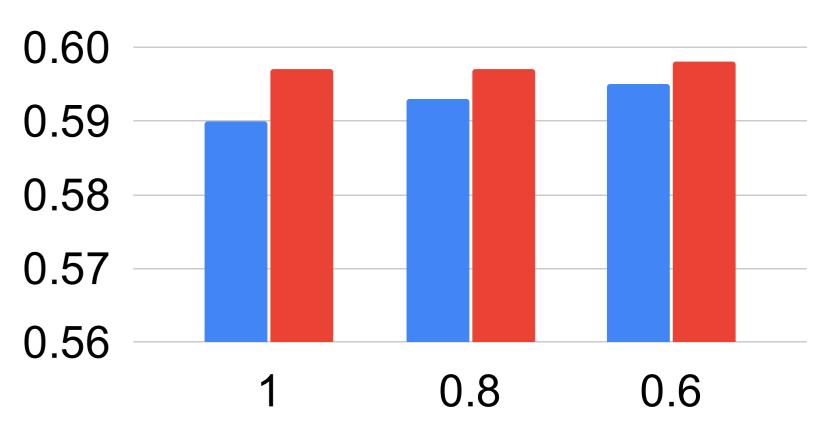


RESULTS & DISCUSSION

Automatic Evaluation



Idiomatic Literal





At times like this, it is critical to remain focused on the big picture.

Our primary forecast still anticipates a minimum target of \$8,500 by 2028.

DATA SAMPLES

S1	S2	S 3
Fiz isso, inclusive, na	Li o resumão (era contra	O final era
exibição do último	até então), fiz um textão	estranhamente
episódio da série,	completamente	confuso, talvez
quando era editor da	desacreditado pelo que	condizente com o que

BERTScore of GPT-3 davinci model under zero-shot settings for EN (left) and PT (right). X-axis: different temperature settings. They shows that literal contexts are easier for LLMs than idiomatic ones by a small factor.

EN 😹 vs PT 🚺 Results

- similar results because of the same language family and both being high resource languages
 Zero shot vs Few shot vs Finetuned
- For EN, zero shot was better whereas, finetuning helped the PT data.

Human Evaluation

Task 1: Relevancy Rating of S3' GPT-3 results generated better continuations in idiomatic cases. Task 2: Grammatical correctness (Subjective) There were incomplete sentences, irrelevant texts, unexpected content/nonsensical contents.

Rolling Stone.

virou a minha profissão e vinha acontecendo na de coração partido pelo série. episódio mequetrefe.

A data sample from the PT data. EN samples are not included because of space limit.

RESEARCH QUESTION

Do language models trained on extensive text corpora of human language, perform differently or similarly under contexts containing literal and idiomatic expressions?

WHAT NEXT?

- Variation of prompts to be explored.
- Usage of more recent models.
- What about idioms in low resource languages?

CODE & PAPER

