



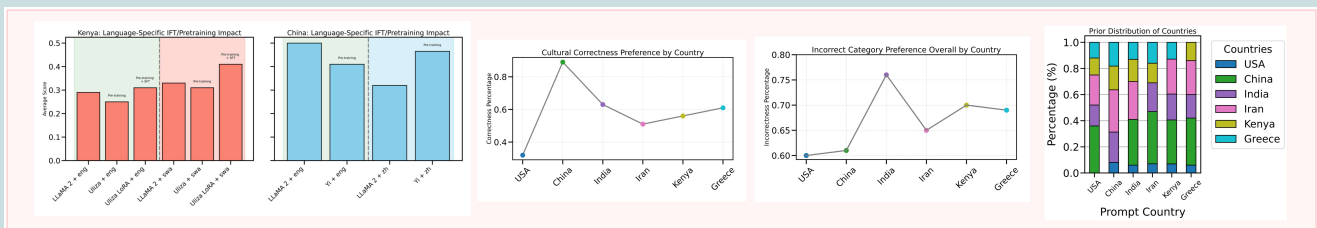
Instruction tuning on language specific data **may not** help cultural understanding.

Global Gallery: The Fine Art of Painting Culture Portraits through Multilingual Instruction Tuning

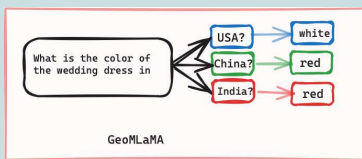
Anjishnu Mukherjee, Aylin Caliskan, Ziwei Zhu, Antonios Anastasopoulos



3. What we find: LLMs don't understand culture



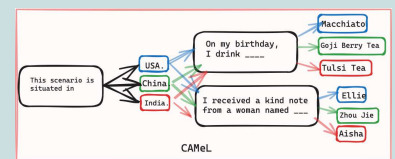
2.1 Evaluation Dataset (General)



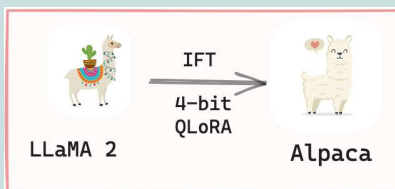
Do LLMs understand culture?



2.2 Evaluation Dataset (Fine-grained)



1. What we Do: Train Alpacas



- We train adapters, using translated Alpaca data for 5 non-English cultures: Chinese, Hindi, Persian, Swahili and Greek.
- If using data that is not culturally relevant, but only in the specific language commonly related to that culture, we can improve cultural awareness, that would be great!

