

## LLMs do not encompass cultural commonsense equally well

**Cultural Commonsense QA**

People drive on which side of the road?

→ **Right**



**Country Prediction**

Lassi is a traditional yogurt-based drink from where?

→ **Finland** ✗



## LLMs' general commonsense capability are biased by cultural context

**Commonsense Verification**

Ice is less dense than water. It is true in China?

→ **False. In China, ice is actually more dense than water.** ✗

**Commonsense Association**

Some enzymes break down food. This is true in which country?

→ **In the United States, there are many foods that are rich in enzymes.** ✗



## LLMs could imply cultural background from the language used.

**Cultural Commonsense QA**

**Swahili**:Watu huendesha upande gani wa barabara?

(People drive on which side of the road?)

→ **Kushoto (Left)**



**Commonsense Association**

**Chinese**: 一些酶会分解食物。在哪个国家是这样?

(Some enzymes break down food. This is true in which country? )

→ **中国(China)** ✗