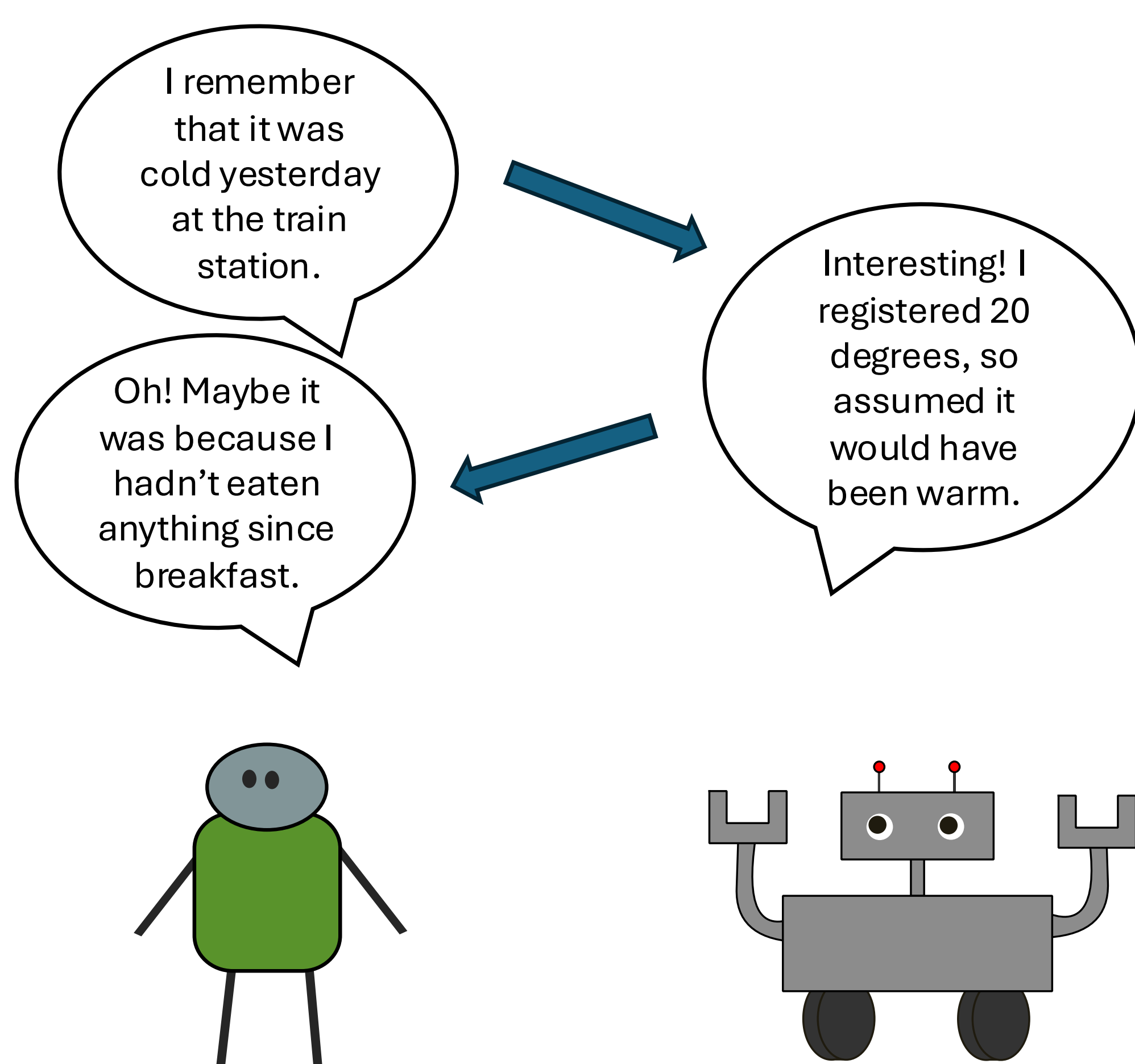


Sharing Memories

- **Human** memories are warped by many factors
 - **Artificial** agents often lack situational understanding
- ⇒ **Sharing memories** is mutually beneficial

Event Construal is Tricky

Humans and agents don't just have vastly **different Umwelten**...



... individual people also have very different ways of **construing events**:

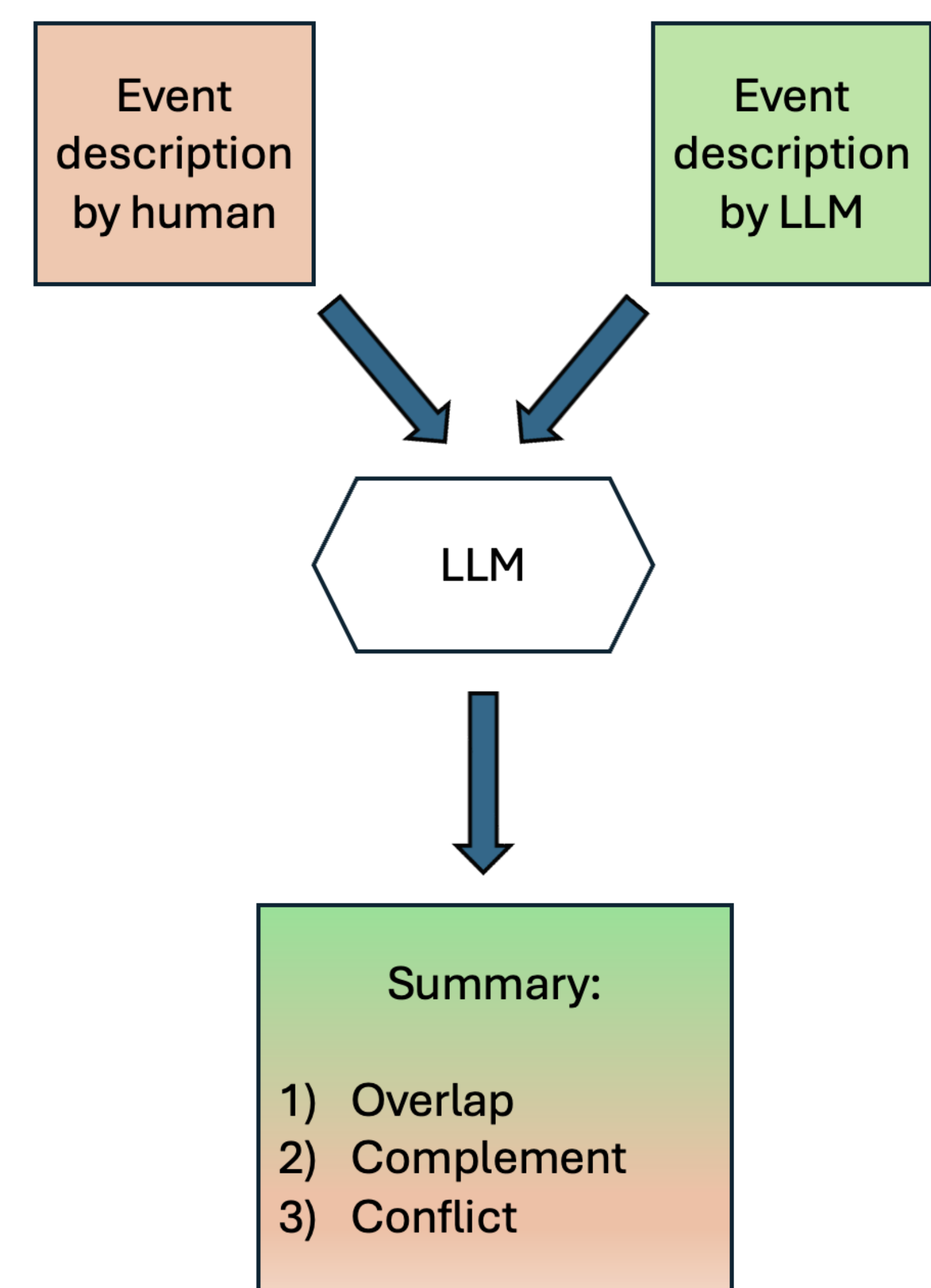


The Big Questions

- What **differences** are there in how individual humans **construe events**?
- How can an agent **align** its own **memories** of events with the verbalized memories of a human, taking into account the **different Umwelten** and **construals**, as well as **incompleteness** of the memories?

Overlap, Complement, Conflict

- **Goal**: to get insights into the quality of text summaries describing some events
- **Event descriptions** are used as a proxy for episodic memories
- **ActivityNet Captions** dataset: crowd-sourced descriptions of events in YouTube videos



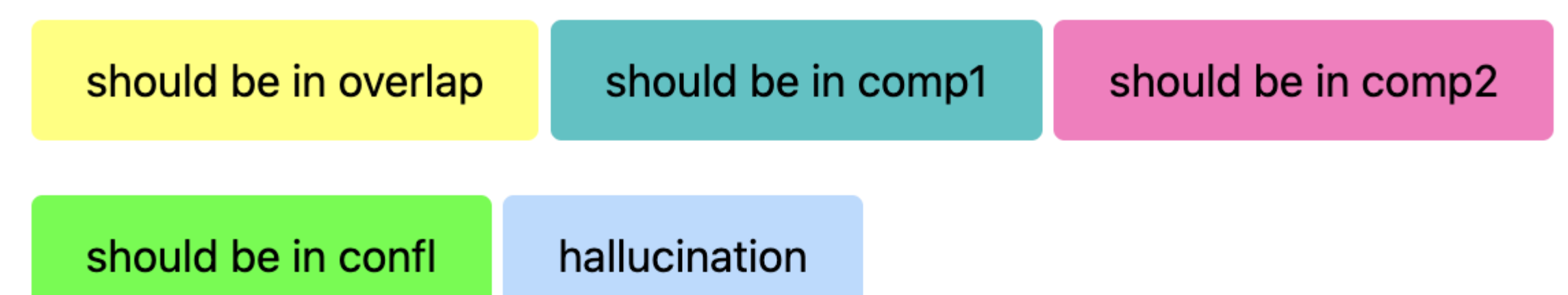
What do we want to know?

- What kind of mistakes does a state-of-the-art LLM make when asked to **aggregate human and agent memories**?
- To what extent do **people agree** on what is overlapping, complementary, or conflicting information? In **what contexts** do they disagree?
- Overall, to what extent is using an LLM useful in this task as part of a **larger conversational system**?

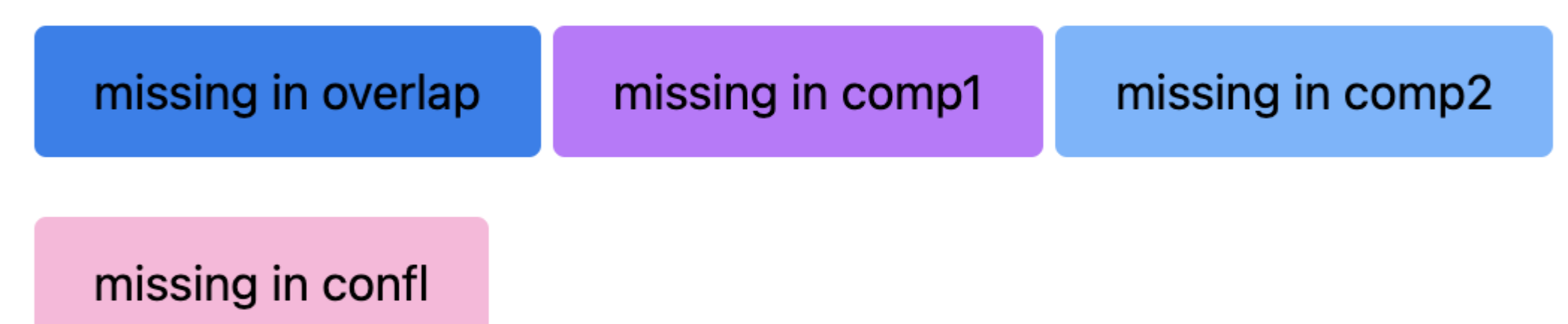
How will we find out?

Annotation study, using the following labels:

Labels for annotating the summary:



Labels for annotating the source texts:



Labels to support the annotation:



Create relations:

