

Language Models Represent Beliefs of Self and Others

Story: Tumelo is a skilled fisherman in a coastal village in South Africa. He wants to catch fish using his large, sturdy fishing net. Tumelo inspected the net before leaving home and saw that it was in perfect condition. As he walks to the shore, a mischievous seagull pecks at the net, causing a large tear in it. Tumelo sees the seagull damaging the net.

Question: Does Tumelo believe the fishing net is in perfect condition or torn?

Choose one of the following:

- a) Tumelo believes the fishing net is in perfect condition.
- b) Tumelo believes the fishing net is torn.

Correct Answer: b)

Unintervened: b) Tumelo believes the fishing net is torn.

Intervened: a) Tumelo believes the fishing net is in perfect condition.

Story: Fatima is an archaeologist working on a dig site in Egypt, searching for ancient artifacts. She wants to carefully excavate a small, fragile artifact she has discovered. Fatima observes that the soil around the artifact is soft and loose. Just as Fatima is about to begin excavating, a strong gust of wind blows through the site, hardening the soil around the artifact. Fatima feels the gust of wind and notices the hardened soil.

Question: Does Fatima believe the soil around the artifact is soft and loose or hardened?

Choose one of the following:

- a) Fatima believes the soil around the artifact is soft and loose.
- b) Fatima believes the soil around the artifact has hardened.

Correct Answer: b)

Unintervened: b) Fatima believes the soil around the artifact has hardened.

Intervened: a) Fatima believes the soil around the artifact is soft and loose.

Story: Rohan is a potter in a small Indian village. Rohan wants to make a beautiful ceramic vase as a gift for his friend's housewarming party. Rohan selects a bag of high-quality clay in his workshop that appears to be soft and malleable. While Rohan is away for lunch, the hot sun dries the clay, making it hard and unworkable. Rohan discovers the dried, hard clay.

Question: Does Rohan believe the bag of clay is soft and malleable or hard and unworkable?

Choose one of the following:

- a) Rohan believes the bag of clay is soft and malleable.
- b) Rohan believes the bag of clay is hard and unworkable.

Correct Answer: b)

Unintervened: b) Rohan believes the bag of clay is hard and unworkable.

Intervened: a) Rohan believes the bag of clay is soft and malleable.

Story: Kunal is a talented potter in a small Indian village. Kunal wants to create a set of earthenware bowls as a gift for his friend's housewarming. Kunal inspects a large lump of clay, finding it to be moist and malleable. However, while Kunal is away for a short break, the sun beats down on the clay, drying it out and making it hard and brittle. Kunal notices the sun-dried, brittle clay.

Question: Does Kunal believe the clay is moist and malleable or hard and brittle?

Choose one of the following:

- a) Kunal believes the clay is moist and malleable.
- b) Kunal believes the clay is hard and brittle.

Correct Answer: b)

Unintervened: b) Kunal believes the clay is hard and brittle.

Intervened: a) Kunal believes the clay is moist and malleable.

Story: Amara, a skilled Nigerian weaver, is preparing to create a traditional textile for an upcoming cultural exhibition. Amara wants to use a unique combination of colorful threads that represents her heritage. Amara carefully chooses a set of vibrant, high-quality threads for her project. A curious toddler in her home finds the threads and tangles them, making them difficult to use in the weaving process. Amara notices the tangled threads.

Question: Does Amara believe the threads are strong and perfect for her textile or tangled and difficult to use?

Choose one of the following:

- a) Amara believes the threads are strong and perfect for her textile.
- b) Amara believes the threads are tangled and difficult to use.

Correct Answer: b)

Unintervened: b) Amara believes the threads are tangled and difficult to use.

Intervened: a) Amara believes the threads are strong and perfect for her textile.

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Story: Mei is a talented chef in a small Chinese village. She wants to prepare a special dish using fresh vegetables from her garden. Mei sees that the vegetables in the garden are ripe and ready to be picked. Later, a hailstorm damages the garden, bruising and damaging the vegetables. Mei sees the hailstorm and the damage it caused to the vegetables.

Question: Does Mei believe the vegetables are ripe and ready to be picked or damaged by the hailstorm?

Choose one of the following:

- a) Mei believes the vegetables are ripe and ready to be picked.
- b) Mei believes the vegetables are damaged by the hailstorm.

Correct Answer: b)

Unintervened: b) Mei believes the vegetables are damaged by the hailstorm.

Intervened: a) Mei believes the vegetables are ripe and ready to be picked.

Story: Ngozi is a potter in a small Nigerian village, known for her beautiful ceramic vases. Ngozi wants to create a vase with a blue glaze to showcase at the upcoming village art exhibition. She reaches for a container of blue glaze from her shelf to apply to the vase. Earlier in the day, her apprentice accidentally switched the labels of the blue and green glaze containers, so Ngozi unknowingly picks up the container with the green glaze. Ngozi notices the green glaze.

Question: Does Ngozi believe the container holds blue glaze or green glaze?

Choose one of the following:

- a) Ngozi believes the container holds blue glaze.
- b) Ngozi believes the container holds green glaze.

Correct Answer: b)

Unintervened: b) Ngozi believes the container holds green glaze.

Intervened: a) Ngozi believes the container holds blue glaze.

Story: Lila is a talented violinist who lives in a bustling city in India. Today, she has an important audition for a renowned symphony orchestra. Lila picks up her violin case, which she assumes contains her valuable violin. However, her younger brother, who was playing around earlier, accidentally swapped her violin case with his identical-looking case containing a beginner's violin. Lila notices the swapped violin cases.

Question: Does Lila believe the violin case contains her valuable violin or a beginner's violin?

Choose one of the following:

- a) Lila believes the violin case contains her valuable violin.
- b) Lila believes the violin case contains a beginner's violin.

Correct Answer: b)

Unintervened: b) Lila believes the violin case contains a beginner's violin.

Intervened: a) Lila believes the violin case contains her valuable violin.