Overall Behavior

User Input x
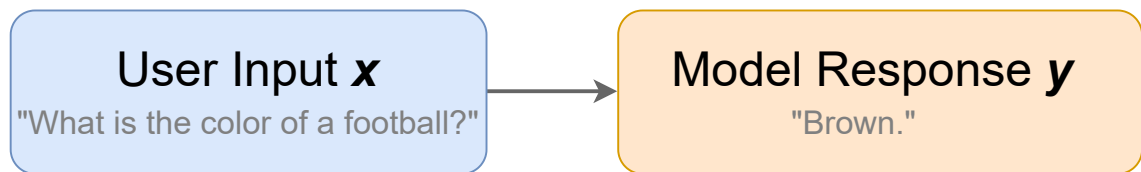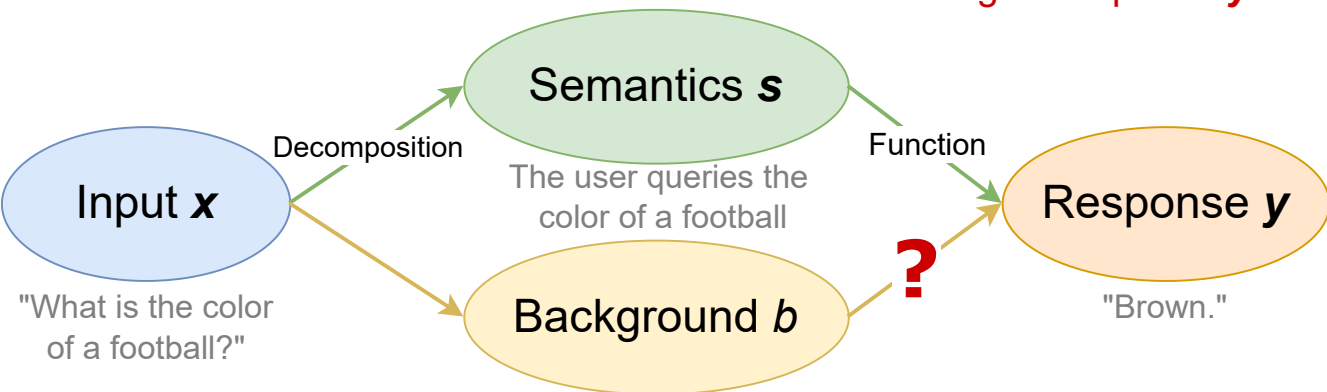"What is the color of a football?"

→

Model Response y
"Brown."

Implicit Personalization (to Be Tested)

x has information about s and b.

→ Do LLMs make use of b when making its response y?

Input x
"What is the color of a football?"

Decomposition

Semantics s
The user queries the color of a football

Function

Background b
For our study: **background of the user**
The user is an American English speaker

?

Response y
"Brown."