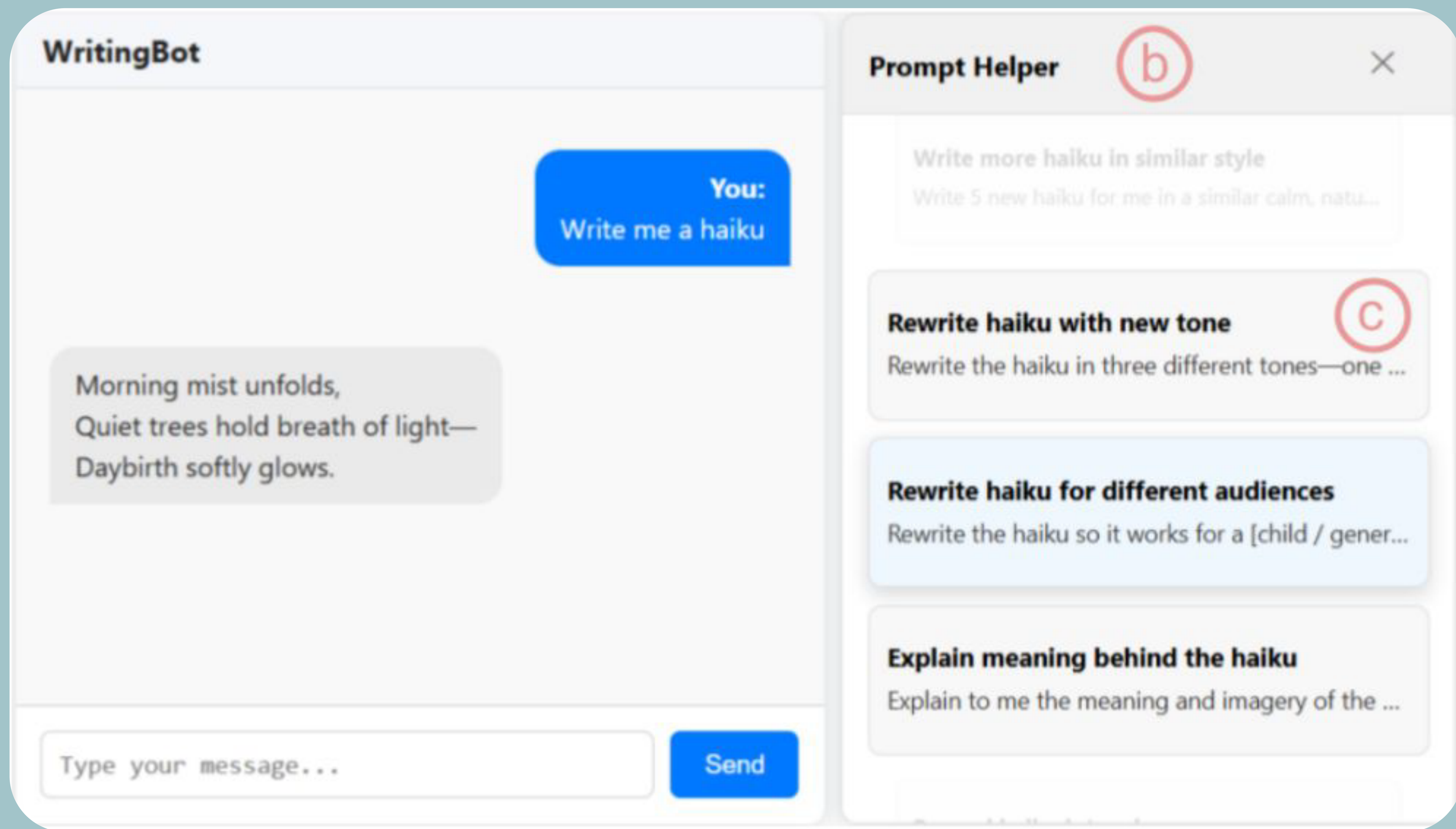


# PromptHelper

## A Prompt Recommender System

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### ► F1: PromptHelper supports exploration of the conversational space

✓ **Exploration**

"I found [PROMPTHELPER] had interesting perspectives that went in different directions from my own and made me reconsider a few of my views." – P17, QC4

"Prompt Helper is particularly handy in jump starting creativity and overcoming the instances of writers block." – P10, QC7

### ► F2: PromptHelper scaffolds user expressiveness in constrained writing contexts

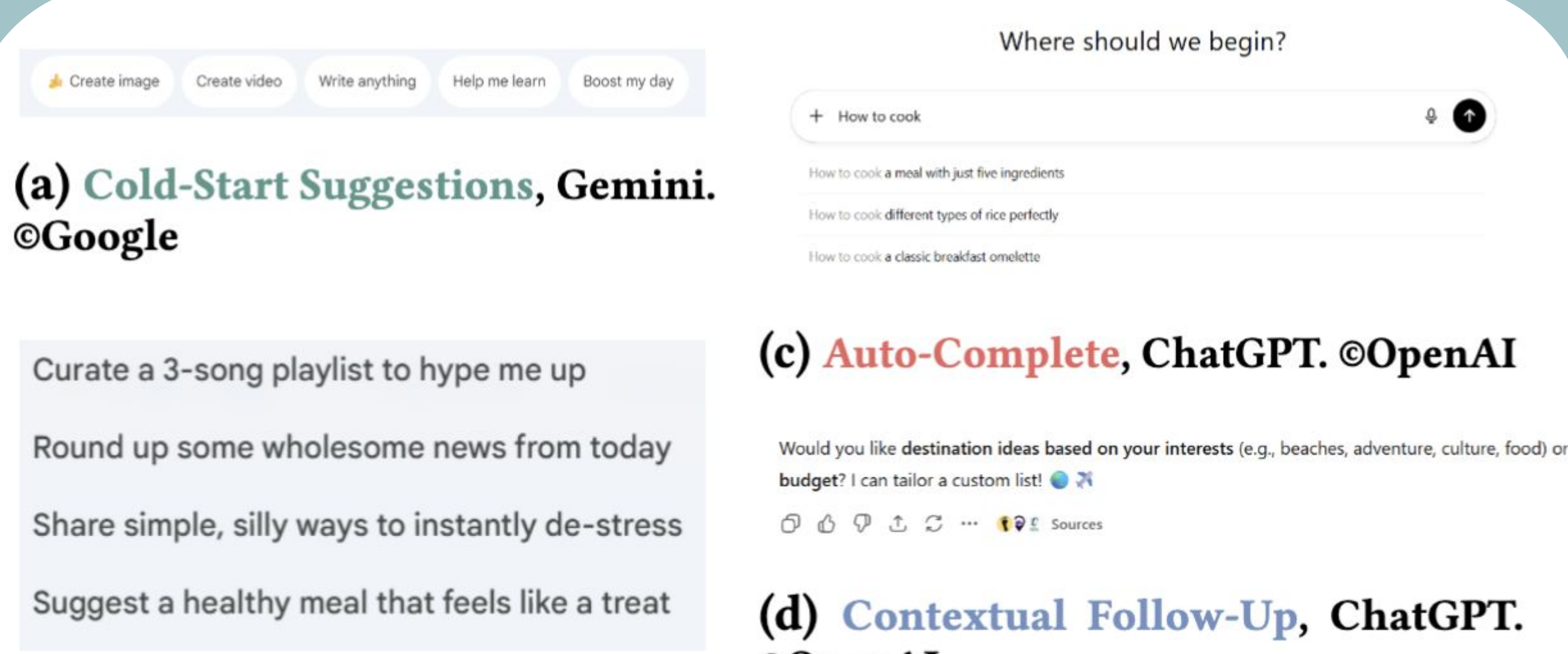
✓ **Expressiveness** ✓ **Academic Tasks**  
✗ **Creative Tasks**

"Interacting with Prompt Helper made it easier to decide what to ask next because it reduced the uncertainty around how to phrase a prompt. Seeing examples helped me quickly identify what kind of information the system could use, and that made the next step feel more obvious." – P2, QC6

### ► F3: PromptHelper shifts cognitive effort from prompt generation to prompt evaluation

✗ **Cognitive Demand** ✗ **Usability**

"[PROMPTHELPER] made deciding what to ask next easier by offering contextually relevant suggestions that helped to immediately guide and refine the narrative direction. This pre-filtered approach effectively reduced decision fatigue and allowed for a more efficient iteration cycle during the writing task." – P1, QC6

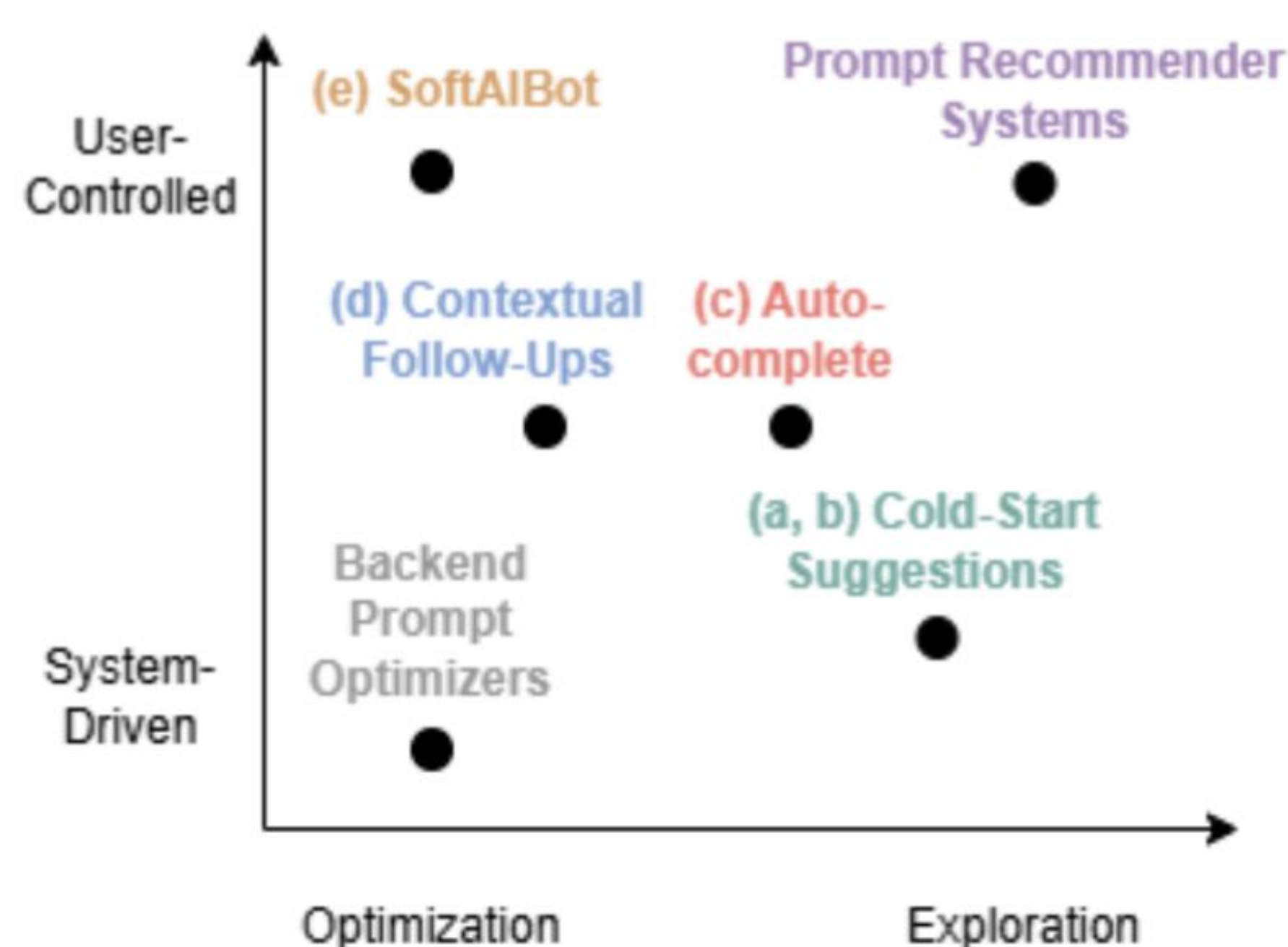


(a) Cold-Start Suggestions, Gemini. ©Google

(c) Auto-Complete, ChatGPT. ©OpenAI

(d) Contextual Follow-Up, ChatGPT. ©OpenAI

(b) Cold-Start Suggestions, Gemini. ©Google



(e) Conceptual Overview

