Evaluating LLMs on Multi-Party Conversations: a diagnostic pipeline

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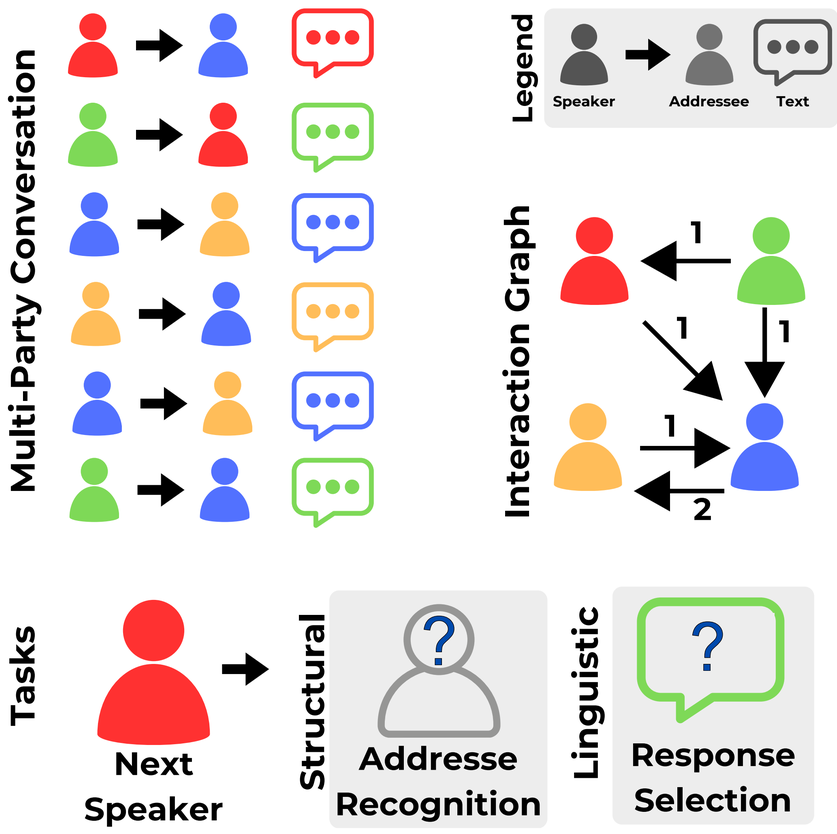
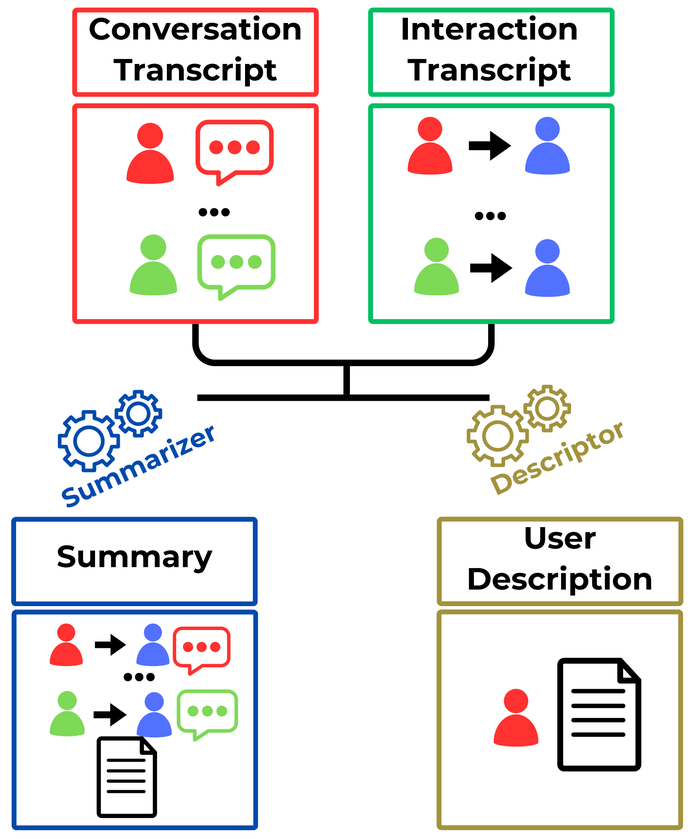
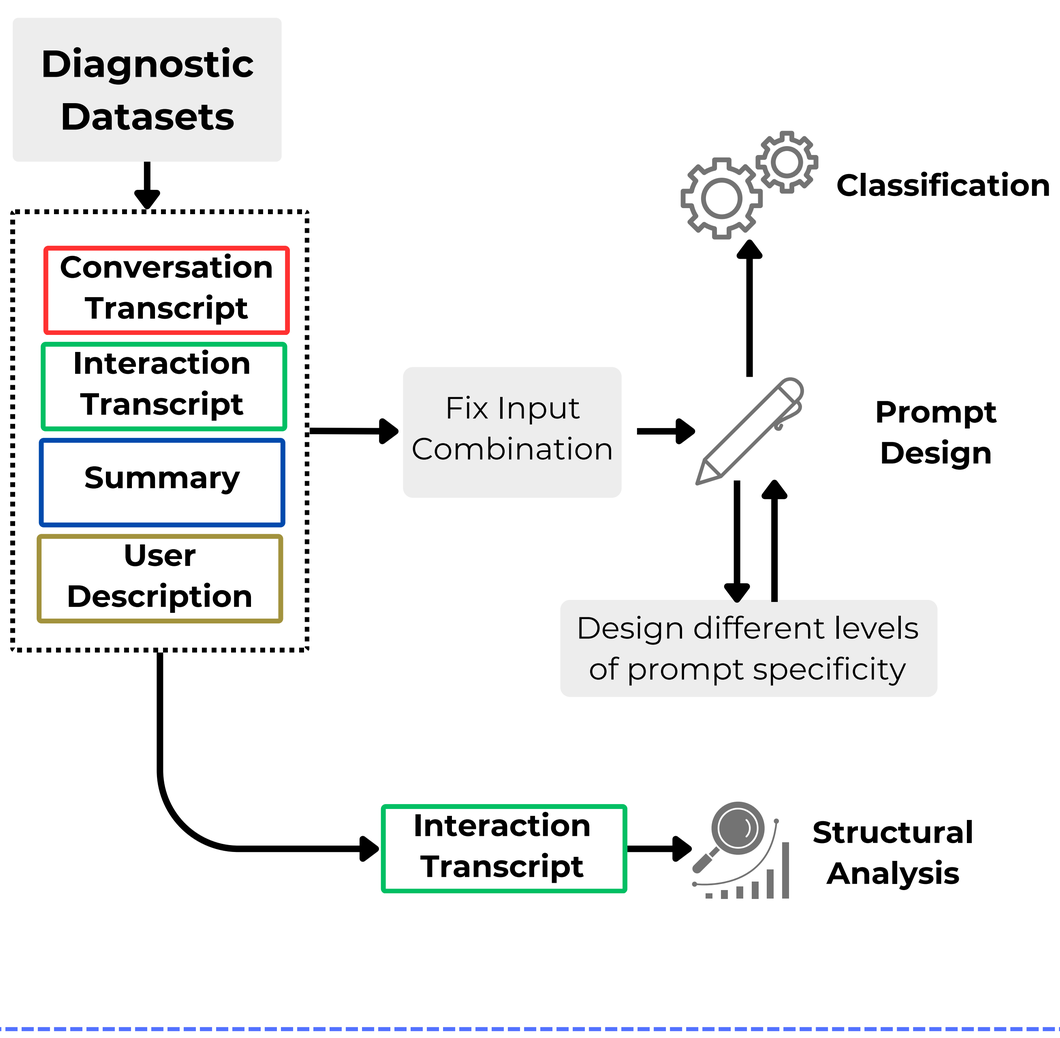
1 Context



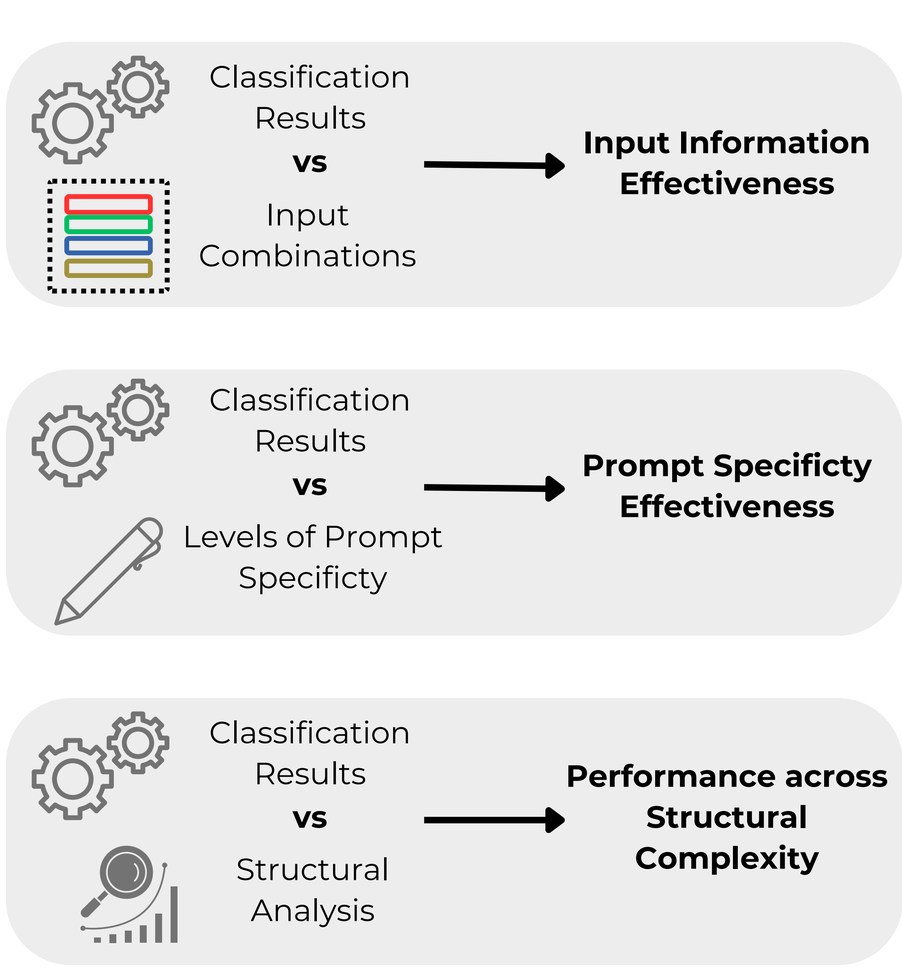
2 Input Information



3 Pipeline



4 Evaluation



FINDINGS

1. **Interaction Transcripts** are **crucial** for the **structural** task, but **not** for the **linguistic** task.
2. The **structural** task is more affected by **prompt sensitivity** compared to the linguistic task.
3. In the **structural** task, **performance differences** across input combinations (always including Interaction Transcript) is due to **improved outcomes** on items of **low structural complexity**.

POSTER

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