

Review of: "Time Is on My Side: Scene Graph Filtering for Dynamic Environment Perception in an LLM-Driven Robot"

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Potential competing interests: No potential competing interests to declare.

1. The Related Work section is not comprehensive:

Although your paper mentions the use of scene graphs as a method of representing environmental information, this method has been used many times in existing literature. In order to highlight your research contribution, it is recommended that you elaborate on the uniqueness and advantages of your proposed method compared with existing work. Please clearly point out in this section how the scene graph representation method you use is different from existing research in terms of application, effect, or implementation, especially the improvements and innovations when dealing with certain specific problems.

2. The diagram is not clear:

In order to more intuitively show the relationship between the perception module and the planning module, it is recommended that you draw a clear schematic diagram. The diagram should describe in detail how environmental information is processed from input to the perception module, how it changes, and finally how it is passed to the planning module for decision-making. Through this diagram, readers can more clearly understand how your method works in the entire system and the interactive relationship between the various modules.

3. The experimental verification is poor:

The experimental part of the current paper is still brief. In order to fully verify the effectiveness of the proposed method, it is recommended that you add more experimental designs and data analysis. You can consider comparing different experimental scenarios or other known methods to further prove the advantages of your method in performance, efficiency, or accuracy. With more experimental data, your research results will be more convincing.