Goal Recognition real world by using Language Model

Abstraction：

The accuracy of Language Model as a path planner based on Algorithm Radius of Maximum Probability

Introduction:

With the upgrade of language model, people think it can work by words and interact with real world. And we want to find out whether it can work when language model worked as path planner. In this part, RMP will be the main algorithm to calculate the accuracy.

Background:

1. path planner: Google map
2. Goal Recognition: introduction, environment
3. Goal Recognition as path planner: Radius of maximum probability
4. Language model: introduction, several language models
5. Language model as path planner

Experimental evaluation:

1. Experimental Setup: single language model, several language model, ChatGpt4.0
2. result

Discussion:

1. the version or neural network architecture of language model may cause different accuracy or path
2. ?

Conclusion:

The performance of Language model as path planner based on RMP and further discuss on Language model