MM-ICL Survey Meeting

12/28
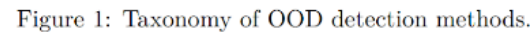
Lee

Key Points

- Survey结构

- Survey内容

- （Survey分工）

Survey结构

如何很好的组织Survey的结构仍然是一个问题！

Problems:

- MM-ICL并非独立问题

- 相关paper并不多，且方向混乱

Survey结构

Figure 3: Taxonomy of efficient large language models (LLMs) literature.

Figure 1: Taxonomy of OOD detection methods.

Survey结构

Generalized Out-of-Distribution Detection and Beyond in Vision Language Model Era: A Survey

Atsuyuki Miyai, *Student Member, IEEE,* Jingkang Yang, Jingyang Zhang, Yifei Ming, Yueqian Lin, Qing Yu, *Member, IEEE,* Go Irie, *Member, IEEE,* Shafiq Joty, Yixuan Li, *Member, IEEE,* Hai Li, *Fellow, IEEE,* Ziwei Liu, *Member, IEEE,* Toshihiko Yamasaki, *Member, IEEE,* Kiyoharu Aizawa, *Fellow, IEEE*

https://arxiv.org/abs/2407.21794

1. Introduction
2. Background
3. Overview of Current Problems/Themes in the Current Era
4. Methodologies
5. Potential Challenges
6. Future Directions
7. Conclusion

Survey内容

Background:

ICL -> MM-ICL

Survey内容

Overview of Current Problems/Themes in the Current Era:

1. (Visual ICL (包含Point))
2. ICL式的图像生成模型 (包含图像编辑)
3. 利用ICL增强MMLLM效果
4. 利用ICL处理视频数据 （音频+字幕+图片）