

### **1. Exploring LLM Annotation for Adaptation of Clinical Information Extraction Models under Data-sharing Restrictions**

<https://aclanthology.org/2025.findings-acl.757>

- Using small language models
- Less generalizable, works hospital by hospital, need to train by the same hospital's data
- 4 tasks: NER, RE, ND, TER

Limitations: limited data, data from 3 clinical institutions

### **2. Information extraction from medical case reports using OpenAI InstructGPT**

<https://www.sciencedirect.com/science/article/pii/S0169260724003195>

- Use InstructGPT
- Flexible and almost ready to be implemented
- Don't need to pretrain, can be used across different languages too

Limitations: LLM is black box, hard to debug and identify errors

### **3. Medical Information Extraction with Large Language Models**

<https://re.public.polimi.it/handle/11311/1275692>

- Used Mistral 7B
- Zero shot vs few shot vs sequential prompting
  - Zero shot = ask it to do task
  - Few shot = zero shot + give it example inputs and outputs
  - Sequential prompting = zero shot + break the task down into multiple steps

Limitations: just trying to show what is possible, not experimented deeply, only used Mistral 7B instead of multiple different models. Limited data