## **Cross-task Generalization Abilities of Large Language Models**



- FiD-ICL is faster than Concat-ICL and Ensemble-ICL More efficient than fine-tuning when considering
- optimization costs.

## **Ongoing and Future Work**

## Pushing the limit of in-context learning

Current research efforts mainly focus on ICL with examples of one single task. Will LLMs benefit from diverse and heterogeneous contexts?

From data-sufficient learners to self-sufficient learners

model achieves an **RMSE<0.05** in a random train-test split.

LLMs' performance follows predictable patterns. Our

So far, we prepare the few-shot examples for the LLMs. Can we enable them to learn in the open-endedness by themselves?