学期汇报

刘平生　　导师：林欣

Commonsense QA

Where does a child likely sit at a desk?
A. Schoolroom * B. Furniture store C. Patio
D. Office building E. Library

目标:

提升常识问答任务的准确率

工作:

1、修改Bert源码,加入GNN及外部知识过滤模块

2、知识注意及常识推理相关论文阅读

3、图编码知识学习

SemEval 2021 Task4

Reading Comprehension of Abstract Meaning

Passage	... observers have even named it after him, "Abenomics". It is based on three key pillars – the "three arrows" of monetary policy, fiscal stimulus and structural reforms in order to ensure long-term sustainable growth in the world's third-largest economy. In this weekend's upper house elections, ...
Question	Abenomics: The @*placeholder* and the risks
Answer	(A) chances (B) prospective (C) security **(D) objectives** (E) threats

工作：

1、数据分析处理

2、模型适配调整

3、比赛论文撰写

Total: 23	Subtask A		Total: 28	Subtask B	
Rank	**Team Name**	**Accuracy**	**Rank**	**Team Name**	**Accuracy**
1	Silvilla	95.11	1	PINGAN Omini-Sinitic	95.29
2	PINGAN Omini-Sinitic	93.04	2	Silvilla	94.89
3	**ECNU_ICA_1 (ours)**	**90.47**	3	tt123	93.41
4	tt123	89.98	**4**	**ECNU_ICA_1 (ours)**	**93.01**
5	cxn	88.69	5	cxn	92.91

Future work

带有角色属性的对话生成

Persona profile	
p_1:I enjoy playing tennis.	p_3: I am good at playing violin.
p_2:I have a dog.	p_4: Green is my favorite color.

Conversation examples	
Context X1	Did you see the football games today?
Response Y1	Yes, I did. I caught it after my tennis match today.(p_1)
Context X2	Did you see the rainbow this evening?
Response X2	Yes, I did. I happened to be walking my dog at that time.(p_2)
Context X3	Did you see the street band performing yesterday?
Response X3	No, I did not. I am too busy practicing the violin.(p_3)

Future work

Response 应当考虑：

1、多样性

2、上下文的连贯性

3、角色的相互理解

Thanks