

关键词筛选模式

评价结果

方法

- **Yutao:** 根据query查询top10的学者，统计他们发表的论文的关键词，然后统计词频排序得出
- **Fang:** 根据query查询它的知识图谱的所有下位词，再根据下位词查询下位词的下位词
- **Yong:** 根据query查询它的相关关键词，然后统计词频排序得出

结果

- 给定query，分别使用三种方法生成50个关键词

top-50 keywords mAP			
	Model Yutao	Model Fang	Model Yong
Artificial intelligence	0.551	0.834	0.774
Computer vision	0.752	0.733	0.817
Data mining	0.761	0.797	0.712
Machine learning	0.848	0.874	0.944
Natural language processing	0.698	0.799	0.690
Average	0.722	0.8074	0.7874

top-10 keywords mAP

	Model Yutao	Model Fang	Model Yong
Artificial intelligence	0.869	1.000	0.966
Computer vision	0.979	0.905	1.000
Data mining	0.890	1.000	0.857
Machine learning	0.890	1.000	1.000
Natural language processing	0.942	0.915	0.857
Average	0.914	0.964	0.936

top-20 keywords mAP

	Model Yutao	Model Fang	Model Yong
Artificial intelligence	0.731	0.946	0.908
Computer vision	0.883	0.872	0.965
Data mining	0.860	0.969	0.829
Machine learning	0.896	0.984	0.971
Natural language processing	0.836	0.919	0.919
Average	0.8412	0.938	0.9184