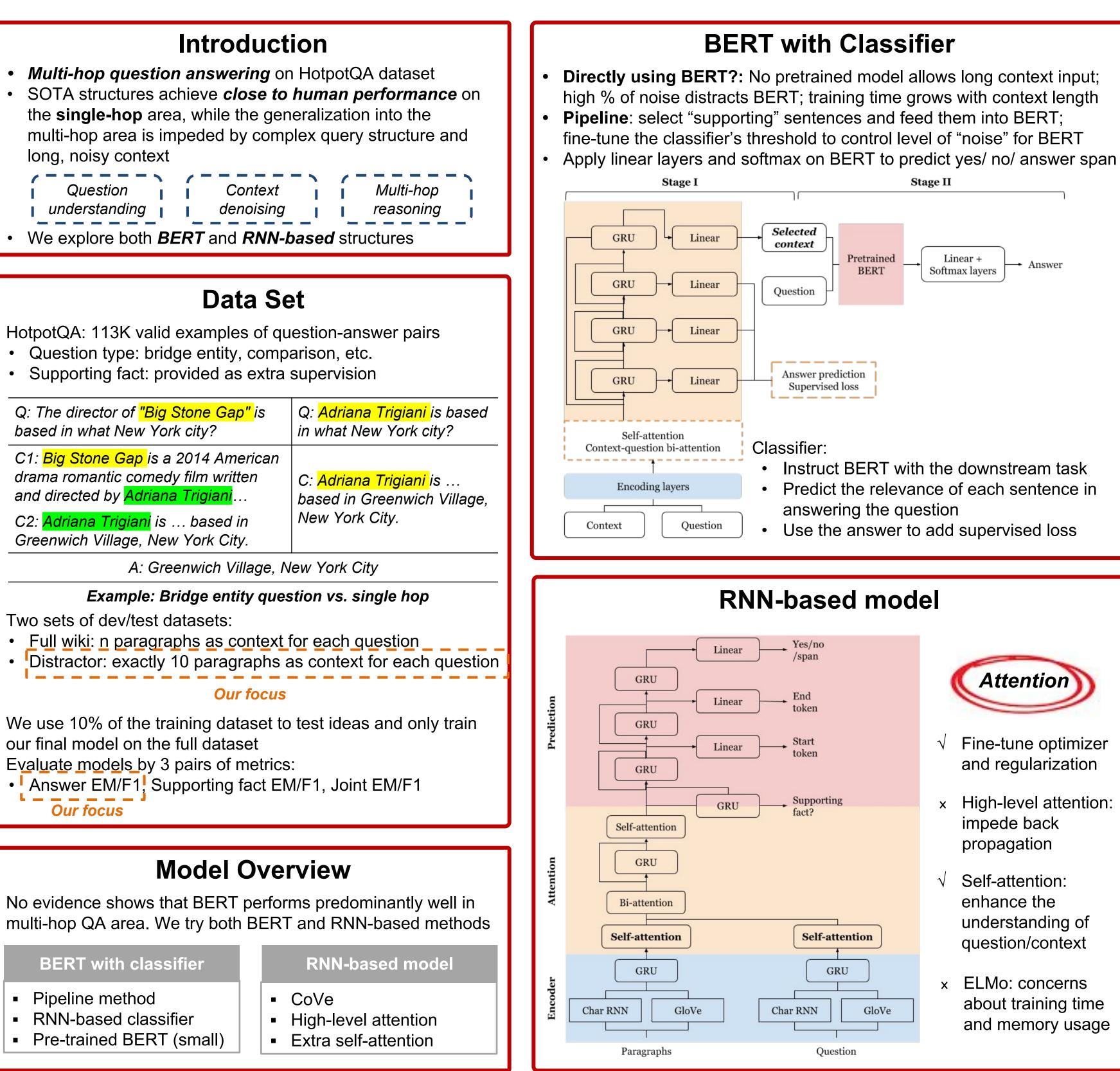


# Multi-hop Question Answering on HotpotQA Chris Wang, Yilun Xu, Qingyang Wang

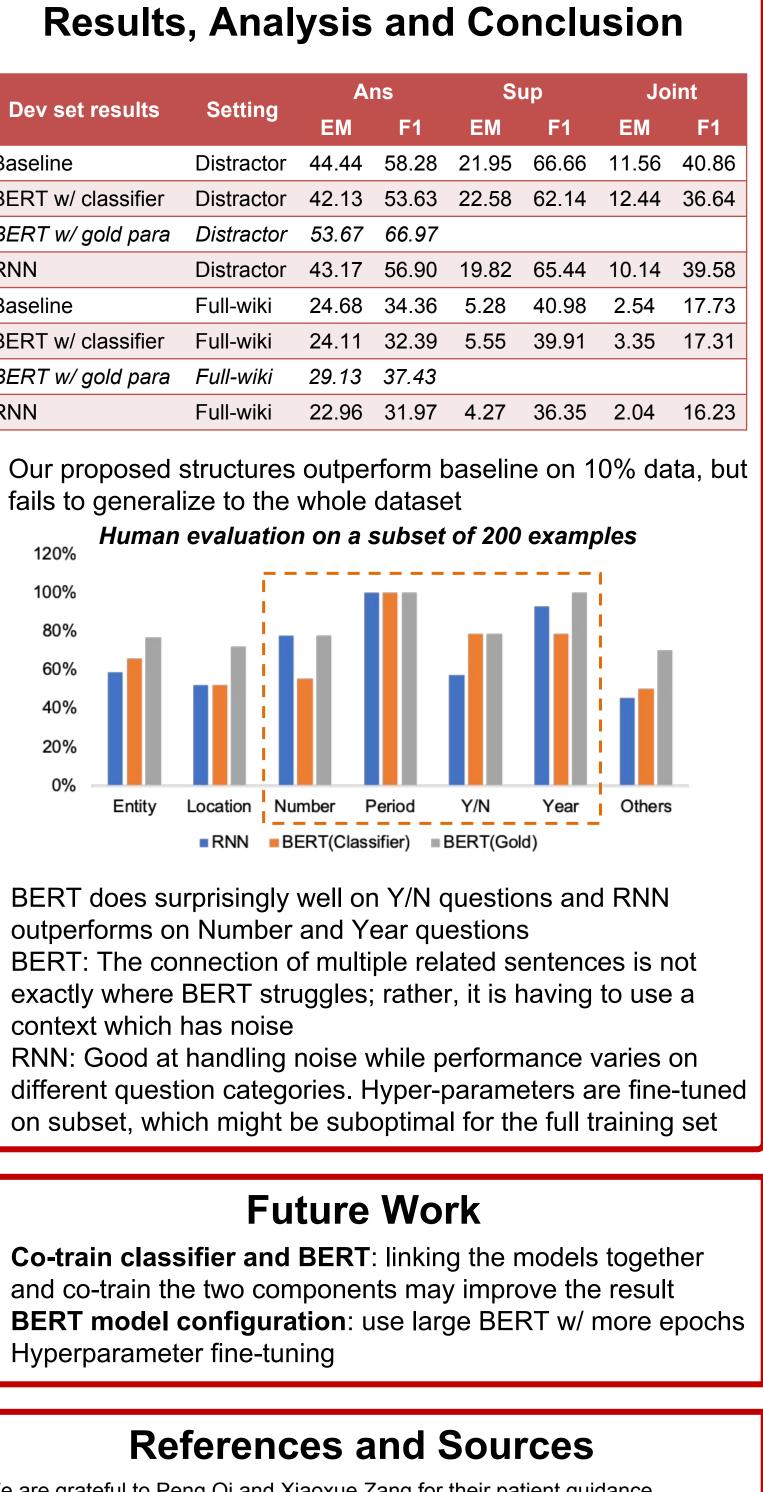


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- $\sqrt{}$  Fine-tune optimizer
- High-level attention:
- about training time and memory usage

Dev set results	Setting	Ans		Su	
		EM	F1	EM	
Baseline	Distractor	44.44	58.28	21.95	
BERT w/ classifier	Distractor	42.13	53.63	22.58	
BERT w/ gold para	Distractor	53.67	66.97		
RNN	Distractor	43.17	56.90	19.82	
Baseline	Full-wiki	24.68	34.36	5.28	
BERT w/ classifier	Full-wiki	24.11	32.39	5.55	
BERT w/ gold para	Full-wiki	29.13	37.43		
RNN	Full-wiki	22.96	31.97	4.27	

fails to generalize to the whole dataset



- outperforms on Number and Year questions
- context which has noise

- Hyperparameter fine-tuning

We are grateful to Peng Qi and Xiaoxue Zang for their patient guidance Yang, Zhilin, et al. "Hotpotqa: A dataset for diverse, explainable multi-hop question answering." arXiv preprint arXiv:1809.09600 (2018). Vaswani, Ashish, et al. "Attention is all you need." Advances in Neural Information Processing Systems. 2017.