

Single Fact KBQA (Simple QA)

1. [Large-scale Simple Question Answering with Memory Networks](#), arXiv 2015
2. [CFO: Conditional Focused Neural Question Answering with Large-scale Knowledge Bases](#), ACL-2016
3. [Character-Level Question Answering with Attention](#), EMNLP-2016
4. [Simple Question Answering by Attentive Convolution Neural Network](#), COLING-2016
5. [Improved Neural Relation Detection for Knowledge Base Question Answering](#), ACL-2017
6. [No Need to Pay Attention: Simple Recurrent Neural Networks Work! \(for Answering “Simple” Questions\)](#), NAACL-2017
7. [Neural Network-based Question Answering over Knowledge Graphs on Word and Character Level](#), WWW-2017
8. [Strong Baselines for Simple Question Answering over Knowledge Graphs with and without Neural Networks](#), NAACL-2018
9. [Simple Question Answering with Subgraph Ranking and Joint-Scoring](#), NAACL-2019

Multiple fact KBQA (WebQuestion)

1. [Semantic Parsing on Freebase from Question-Answer Pairs](#), EMNLP-2013
2. [Question Answering with Subgraph Embeddings](#), EMNLP-2014
3. [Semantic Parsing via Paraphrasing](#), ACL-2014
4. [Large-scale Semantic Parsing without Question-Answer Pairs](#), TACL-2014
5. [Joint relational embeddings for knowledge-based question answering](#), EMNLP-2014
6. [Semantic Parsing via Staged Query Graph Generation: Question Answering with Knowledge Base](#), ACL-2015
7. [The Value of Semantic Parse Labeling for Knowledge Base Question Answering](#), ACL-2016
8. [Improved Neural Relation Detection for Knowledge Base Question Answering](#), ACL-2017
9. [An End-to-End Model for Question Answering over Knowledge Base with Cross-Attention Combining Global Knowledge](#), ACL-2017
10. [Universal Semantic Parsing](#), EMNLP-2017
11. [Automated Template Generation for QA over KG](#), WWW-2017
12. [Open Domain Question Answering Using Early Fusion of KB and Text](#), EMNLP-2018
13. [A State-transition Framework to Answer Complex Questions over Knowledge Base](#), EMNLP-2018
14. [Modeling semantics with gated graph neural networks for knowledge base question answering](#), COLING-2018
15. [Bidirectional Attentive Memory Networks for Question Answering over Knowledge Bases](#), NAACL-2019
16. [Retrieving Relationships from a Knowledge Graph for Question Answering](#), ECIR-2019
17. [Knowledge Graph Embedding Based Question Answering](#), WSDM-2019

18. [Improving Question Answering over Incomplete KBs with Knowledge-Aware Reader](#), ACL-2019

1. **New dataset 2019** : ComQA: A Community-sourced Dataset for Complex Factoid Question Answering with Paraphrase Clusters <https://arxiv.org/abs/1809.09528>
2. **New dataset 2019**: FreebaseQA: A New Factoid QA Data Set Matching Trivia-Style Question-Answer Pairs with Freebase <https://github.com/infinitecold/FreebaseQA>
3. **New dataset 2019**: Complex Sequential Question Answering (CSQA) <https://arxiv.org/abs/1801.10314>

Single Hope TBQA

1. SQuAD: 100,000+ Questions for Machine Comprehension of Text, EMNLP-2016
2. End-to-End Open-Domain Question Answering with BERTserini, 2019
- 3.
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Multi-Hope TBQA

1. Dynamically fused graph network for multi-hop reasoning, ACL-2019
2. Multi-hop reading comprehension across multiple documents by reasoning over heterogeneous graph, ACL-2019
3. Coarse-grain Fine-grain Coattention Network for Multi-evidence Question Answering, ICLR-2019
- 4.
- 5.
- 6.