

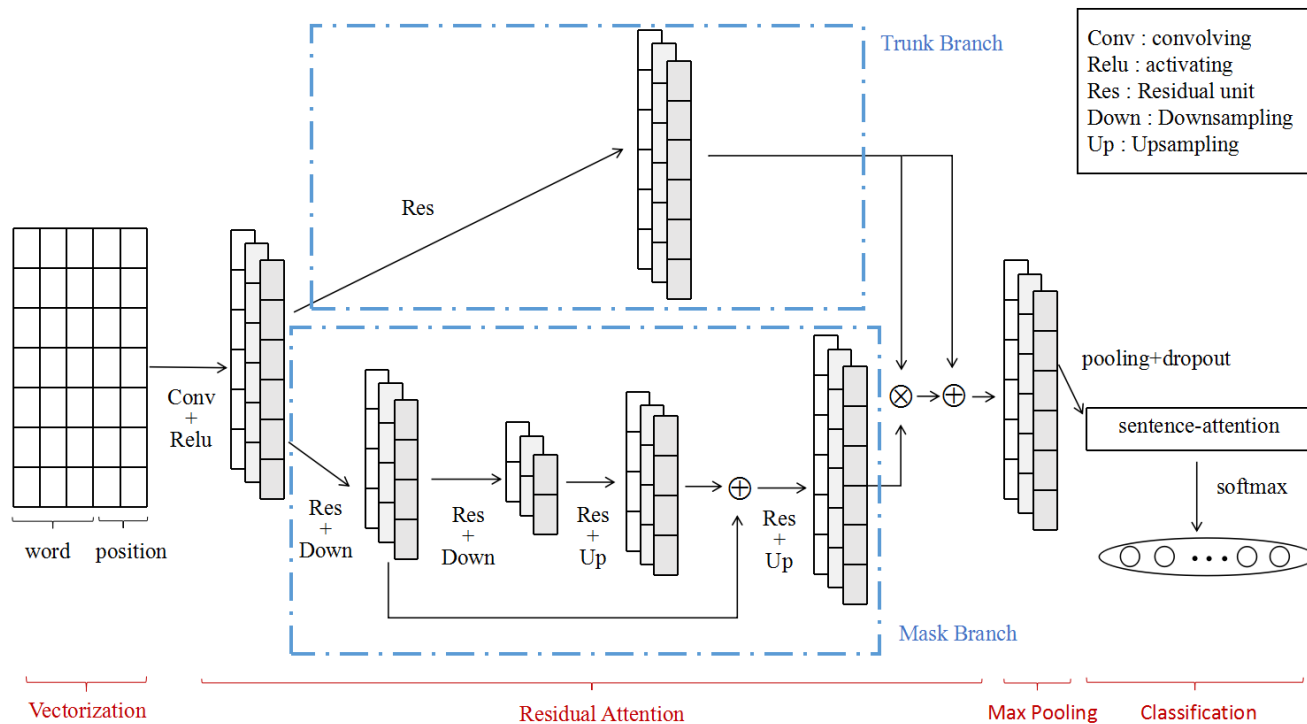
Distant Supervised Relation Extraction Based on Residual Attention

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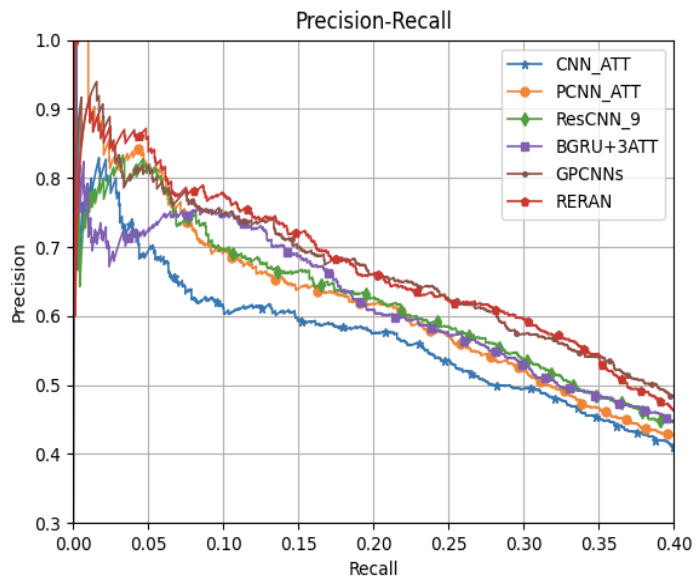
Problems & Ideas

- Problems of improving the performance of distant supervised relation extraction
- Ideas: Improve the representation ability of the network through residual attention



Main Contributions

- **P-R Experimental Results**



- **P@N Evaluation of Performance**

P@N/%	100	200	300	Mean
CNN_ATT	73.2	65.6	62.1	67.0
PCNN_ATT	84.1	73.6	68.4	75.4
ResCNN_9	81.1	74.1	69.1	74.8
BGRU+3ATT	82.6	77.7	72.5	77.6
GPCNNs	81.1	76.6	73.7	77.1
RERAN	86.1	78.1	75.4	79.8