

Model	P@1	MRR
Random Guess	0.200	0.457
BM-25	0.225	0.493
CNN ^{ϕ}	0.413	0.632
CNTN ^{ϕ}	0.465	0.632
LSTM ^{ϕ}	0.465	0.669
NTN-LSTM ^{ϕ}	0.545	0.731
HD-LSTM ^{ϕ}	0.557	0.735
AP-CNN ^{\dagger}	0.560	0.726
AP-BiLSTM ^{\dagger}	0.568	0.731
QRNN ^{\dagger}	<u>0.573</u>	<u>0.736</u>
CTRN (This paper)	0.601	0.755