

| Model | Variant | F₁ |
|--------------|---------------------------|----------------------|
| LSTM | char + dropout + pretrain | 89.15 |
| LSTM-CRF | char + dropout | 83.63 |
| LSTM-CRF | pretrain | 88.39 |
| LSTM-CRF | pretrain + char | 89.77 |
| LSTM-CRF | pretrain + dropout | 90.20 |
| LSTM-CRF | pretrain + dropout + char | 90.94 |
| S-LSTM | char + dropout | 80.88 |
| S-LSTM | pretrain | 86.67 |
| S-LSTM | pretrain + char | 89.32 |
| S-LSTM | pretrain + dropout | 87.96 |
| S-LSTM | pretrain + dropout + char | 90.33 |