

| Layer | Hyper-parameter | POS | NER |
|---------|-----------------------|------|-------|
| CNN | window size | 3 | 3 |
| | number of filters | 30 | 30 |
| LSTM | state size | 200 | 200 |
| | initial state | 0.0 | 0.0 |
| | peepholes | no | no |
| Dropout | dropout rate | 0.5 | 0.5 |
| | batch size | 10 | 10 |
| | initial learning rate | 0.01 | 0.015 |
| | decay rate | 0.05 | 0.05 |
| | gradient clipping | 5.0 | 5.0 |