

| Test set | Precision | Recall | $F_{\beta=1}$ |
|----------|-----------|--------|---------------|
| ADJP | 33.45% | 43.09% | 37.66 |
| ADVP | 48.77% | 52.72% | 50.67 |
| CONJP | 36.36% | 44.44% | 40.00 |
| INTJ | 0.00% | 0.00% | 0.00 |
| LST | 0.00% | 0.00% | 0.00 |
| NP | 81.95% | 84.42% | 83.17 |
| PP | 93.40% | 95.71% | 94.54 |
| PRT | 64.29% | 50.94% | 56.84 |
| SBAR | 77.88% | 76.56% | 77.22 |
| VP | 73.97% | 78.99% | 76.40 |
| Overall | 80.10% | 83.36% | 81.69 |

TABLE 1. Results obtained using **states2** of LSTM trained on LM task to predict chunking tags on CoNLL2000 task using feed-forward NN.