

Experiments:

Experiment 1:

Features:token,POS

Template

U00:%x[0,0]

U01:%x[0,1]

Results:

processed 163500 tokens with 109496 phrases; found: 129540 phrases; correct: 78970.

accuracy: 78.10%; precision: 60.96%; recall: 72.12%; FB1: 66.07

BLK: precision: 76.38%; recall: 68.90%; FB1: 72.44 6139

BLLK: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

CCP: precision: 91.93%; recall: 92.19%; FB1: 92.06 1091

CP: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

FRAGP: precision: 17.78%; recall: 4.44%; FB1: 7.11 90

JJP: precision: 14.43%; recall: 4.54%; FB1: 6.90 201

JPP: precision: 0.00%; recall: 0.00%; FB1: 0.00 9

NP: precision: 56.76%; recall: 70.08%; FB1: 62.73 78319

RBP: precision: 89.68%; recall: 90.17%; FB1: 89.93 3867

VG: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGf: precision: 61.26%; recall: 91.51%; FB1: 73.39 34485

VGN: precision: 0.00%; recall: 0.00%; FB1: 0.00 1

VGNF: precision: 78.45%; recall: 43.36%; FB1: 55.85 4955

VGNFN: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGNN: precision: 77.55%; recall: 23.39%; FB1: 35.93 383

Experiment 2:

Features:

token,POS of token,POS of prev token

Template:

U00:%x[0,0]

U01:%x[0,1]

U02:%x[-1,1]

Results:

processed 163500 tokens with 109496 phrases; found: 116719 phrases; correct: 89265.

accuracy: 87.25%; precision: 76.48%; recall: 81.52%; FB1: 78.92

BLK: precision: 89.13%; recall: 88.04%; FB1: 88.58 6723

BLLK: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

CCP: precision: 96.69%; recall: 96.69%; FB1: 96.69 1088

CP: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

FRAGP: precision: 42.60%; recall: 51.94%; FB1: 46.81 439

JJP: precision: 30.74%; recall: 23.47%; FB1: 26.62 488

JPP: precision: 0.00%; recall: 0.00%; FB1: 0.00 9

NP: precision: 75.30%; recall: 82.21%; FB1: 78.60 69251

RBP: precision: 89.68%; recall: 91.32%; FB1: 90.49 3916

VG: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGf: precision: 75.90%; recall: 93.35%; FB1: 83.73 28395

VGN: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGNF: precision: 73.39%; recall: 48.77%; FB1: 58.60 5957
VGNFN: precision: 0.00%; recall: 0.00%; FB1: 0.00 0
VGNN: precision: 66.45%; recall: 23.70%; FB1: 34.94 453

Experiment 3:

Features:

token,prev token,POS of token, POS of prev token

Template:

U00:%x[0,0]
U01:%x[0,1]
U02:%x[-1,1]
U03:%x[-1,0]

Results:

processed 163500 tokens with 109496 phrases; found: 115913 phrases; correct: 90195.

accuracy: 87.73%; precision: 77.81%; recall: 82.37%; FB1: 80.03

BLK: precision: 90.33%; recall: 87.14%; FB1: 88.71 6566

BLLK: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

CCP: precision: 96.32%; recall: 96.23%; FB1: 96.28 1087

CP: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

FRAGP: precision: 40.85%; recall: 53.33%; FB1: 46.27 470

JJP: precision: 36.85%; recall: 26.76%; FB1: 31.01 464

JPP: precision: 0.00%; recall: 0.00%; FB1: 0.00 1

NP: precision: 78.10%; recall: 84.33%; FB1: 81.10 68492

RBP: precision: 90.72%; recall: 91.26%; FB1: 90.99 3869

VG: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGf: precision: 75.29%; recall: 91.42%; FB1: 82.58 28029

VGN: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGNF: precision: 68.22%; recall: 50.85%; FB1: 58.27 6681

VGNFN: precision: 0.00%; recall: 0.00%; FB1: 0.00 0

VGNN: precision: 74.41%; recall: 14.88%; FB1: 24.80 254