1	word unigram: $w_i, -1 \le i \le 1$
2	word bigram: $w_i w_{i+1}, -2 \le i \le 1$
3	word shape unigram: $Shape(w_i), -1 \le i \le 1$
4	word shape bigram: $Shape(w_i)Shape(w_{i+1}), -1 \le i \le 0$
5	word capital unigram: $Capital(w_i), -1 \le i \le 1$
6	word capital with word: $Capital(w_i)w_j, -1 \le i, j \le 1$
7	connect word unigram: $Connect(w_i), -1 \le i \le 1$
8	capital with connect: $Capital(w_i)Connect(w_0), -1 \le i \le 1$
9	word cluster unigram: $Cluster(w_i), -1 \le i \le 1$
10	word cluster bigram: $Cluster(w_i)Cluster(w_{i+1}, -1 \le i \le 0)$
11	word prefix: $Prefix(w_i), 0 \le i \le 1$
12	word suffix: $Suffix(w_i), -1 \le i \le 0$
13	word POS unigram: $POS(w_0)$
14	word POS bigram: $POS(w_i)POS(w_{i+1}), -1 \le i \le 0$
15	word POS trigram: $POS(w_{-1})POS(w_0)POS(w_1)$
16	POS with word: $POS(w_0)w_0$