|                                      | Development |       |       | Test  |       |       |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|
| Features                             | Р           | R     | F1    | Р     | R     | F1    |
| Local (L)                            | 77.78       | 75.30 | 76.52 | 79.49 | 79.54 | 79.52 |
| L + Brown periodico (BP)             | 80.35       | 78.91 | 79.62 | 82.44 | 82.46 | 82.45 |
| L + Clark giga 400 (CG400)           | 81.71       | 79.27 | 80.48 | 81.75 | 81.82 | 81.78 |
| L + Clark wiki $400$ (CW400)         | 80.84       | 78.75 | 79.78 | 81.07 | 81.00 | 81.03 |
| L + Word2vec giga 400 (W2VG400)      | 80.04       | 77.96 | 78.99 | 81.56 | 81.76 | 81.67 |
| BP+C(W400+G400)+W2VG400 (es-cluster) | 81.87       | 80.61 | 81.23 | 84.18 | 84.15 | 84.16 |
| charngram 1:6 + es-cluster           | 81.95       | 80.24 | 81.09 | 84.27 | 84.01 | 84.14 |
| Carreras et al. (2002)               | 79.15       | 77.80 | 78.47 | 81.38 | 81.40 | 81.39 |