|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Features** | **English** | **Spanish** |
| **K neighbours**  **A** | **Syllabes**  **Len chars**  **Len tokens**  **Senses** | **macro-F1: 0.68**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.72 0.84 0.77 1326**  **1 0.69 0.52 0.59 907** | **macro-F1: 0.70**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.72 0.86 0.78 2465**  **1 0.74 0.53 0.62 1787** |
| **K neighbours**  **B** | **Syllables**  **Len chars**  **Len tokens**  **Senses**  **Unigram Probabilities** | **macro-F1: 0.81**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.82 0.87 0.84 2465**  **1 0.80 0.74 0.77 1787** | **macro-F1: 0.74**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.75 0.91 0.82 1326**  **1 0.81 0.54 0.65 907** |
| **K neighbours**  **C** | **Syllabes**  **Len chars**  **Len tokens**  **Consonant sum**  **Vowel sum**  **Senses**  **Unigram Probabilities** | **macro-F1: 0.81**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.83 0.87 0.85 2465**  **1 0.81 0.75 0.78 1787** | **macro-F1: 0.73**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.74 0.91 0.82 1326**  **1 0.80 0.53 0.64 907**  **english** |
| K neighbours  D | **Syllabes**  **Len chars**  **Len tokens**  **Consonant sum**  **Vowel sum**  **Senses**  **Unigram Probabilities**  **Stop words**  **Noun Phrase** | **macro-F1: 0.81**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.83 0.87 0.85 2465**  **1 0.81 0.75 0.78 1787** | **macro-F1: 0.73**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.74 0.91 0.82 1326**  **1 0.80 0.54 0.64 907** |
| K neighbours  E | **Syllabes**  **Len chars**  **Len tokens**  **Consonant sum**  **Vowel sum**  **Senses**  **Unigram Probabilities**  **Stop words**  **Noun Phrase**  **Synonym count**  **Hypernym count** | **macro-F1: 0.82**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.83 0.87 0.85 2465**  **1 0.81 0.75 0.78 1787** | **macro-F1: 0.73**  **Label Precision Recall F1 Support**  **--------------------------------------------------**  **0 0.74 0.91 0.82 1326**  **1 0.80 0.54 0.64 907** |