

|          |  |              |                     |                     |               |                     |                 |                               |                            |                                   |                                |
|----------|--|--------------|---------------------|---------------------|---------------|---------------------|-----------------|-------------------------------|----------------------------|-----------------------------------|--------------------------------|
|          |  | Only fastTxt | Only GloVe          | Clean + fastTxt     | Clean + GloVe | Soup + fasttext     | Soup + GloVe    | Soup+bracket+fasttext         | Soup+bracket+GloVe         | Soup+bracket+uri+fasttext         | Soup+bracket+uri+GloVe         |
|          |  | 0.8779       | 0.8829              | 0.8196              | 0.838         | 0.8756              | 0.8726          | 0.8791                        | 0.871                      | 0.878                             | 0.8861                         |
|          |  | 0.8676       | 0.8794              | 0.8378              | 0.8414        | 0.8844              | 0.8671          | 0.8777                        | 0.8835                     | 0.8826                            | 0.8918                         |
|          |  | 0.8681       | 0.8788              | 0.8168              | 0.8433        | 0.882               | 0.8705          | 0.8783                        | 0.8809                     | 0.8804                            | 0.8896                         |
|          |  | 0.8712       | <b>0.8803666667</b> | <b>0.8247333333</b> | 0.8409        | <b>0.8806666667</b> | 0.8700666667    | 0.8783666667                  | 0.8784666667               | <b>0.8803333333</b>               | <b>0.8891666667</b>            |
| Legend:  |  |              |                     |                     |               | bracket + fasttext  | bracket + GloVe | Soup + uri + fasttext         | Soup + uri + GloVe         | Soup + uri + stopwords + fasttext | Soup + uri + stopwords + GloVe |
| Fasttext |  |              |                     |                     |               | 0.8769              | 0.8711          | 0.8684                        | 0.8771                     | 0.8323                            | 0.8497                         |
| GloVe    |  |              |                     |                     |               | 0.872               | 0.8692          | 0.871                         | 0.8786                     | 0.8272                            | 0.8519                         |
|          |  |              |                     |                     |               | 0.8697              | 0.8673          | 0.8754                        | 0.8843                     | 0.8195                            | 0.8552                         |
|          |  |              |                     |                     |               | 0.8728666667        | 0.8692          | 0.8716                        | <b>0.88</b>                | <b>0.8263333333</b>               | 0.8522666667                   |
|          |  |              |                     |                     |               | uri + fasttext      | uri + GloVe     | soup + stopword + fasttext    | soup + stopword + GloVe    | brkt+uri+stop+fasttext            | brkt+uri+stop+GloVe            |
|          |  |              |                     |                     |               | 0.8636              | 0.8637          | 0.8573                        | 0.8597                     | 0.8637                            | 0.8688                         |
|          |  |              |                     |                     |               | 0.8747              | 0.8721          | 0.8635                        | 0.8594                     | 0.8665                            | 0.8697                         |
|          |  |              |                     |                     |               | 0.8729              | 0.8784          | 0.8598                        | 0.8587                     | 0.8664                            | 0.8652                         |
|          |  |              |                     |                     |               | 0.8704              | 0.8714          | 0.8602                        | 0.8592666667               | 0.8655333333                      | 0.8679                         |
|          |  |              |                     |                     |               | stopword+fasttext   | stopword+GloVe  | Bracket+Uri+fasttext          | Bracker+uri+GloVe          |                                   |                                |
|          |  |              |                     |                     |               | 0.865               | 0.8612          | 0.8718                        | 0.88                       |                                   |                                |
|          |  |              |                     |                     |               | 0.8617              | 0.8643          | 0.8721                        | 0.8662                     |                                   |                                |
|          |  |              |                     |                     |               | 0.8619              | 0.859           | 0.8703                        | 0.8779                     |                                   |                                |
|          |  |              |                     |                     |               | 0.8628666667        | 0.8615          | 0.8714                        | 0.8747                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | Bracket + stopword + fasttext | Bracket + stopword + GloVe |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8307                        | 0.8102                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8418                        | 0.8225                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8383                        | 0.8172                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8369333333                  | <b>0.8166333333</b>        |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | uri+stop+fasttext             | uri+stop+GloVe             |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.869                         | 0.8662                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8664                        | 0.8641                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8623                        | 0.8643                     |                                   |                                |
|          |  |              |                     |                     |               |                     |                 | 0.8659                        | 0.8648666667               |                                   |                                |