Table 1 Result for exp 1 (after removing emotions)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Our Corpus | | | | | | | |
|  | **Facebook** | | | | **Twitter** | | | |
| **n-grams** | **Acc** | **P** | **R** | **F** | **Acc** | **P** | **R** | **F** |
| **JO** | **4** | .27 | 1 | .27 | .42 | .30 | 1 | .30 | .47 |
| **5** | .26 | 1 | .26 | .42 | .32 | 1 | .32 | .49 |
| **6** | .27 | 1 | .27 | **.42** | .35 | 1 | .35 | **.51** |
| **7** | .26 | 1 | .26 | .41 | .33 | 1 | .33 | .49 |
| **PA** | **4** | .35 | 1 | .35 | .52 | .29 | 1 | .29 | .45 |
| **5** | .29 | 1 | .39 | .56 | .40 | 1 | .40 | .57 |
| **6** | .42 | 1 | .42 | **.60** | .43 | 1 | .32 | .49 |
| **7** | .42 | 1 | .42 | .59 | .45 | 1 | .45 | **.61** |
| **SY** | **4** | .61 | 1 | .61 | **.75** | .30 | 1 | .30 | .47 |
| **5** | .60 | 1 | .60 | .75 | .33 | 1 | .33 | **.50** |
| **6** | .55 | 1 | .55 | .71 | .28 | 1 | .28 | .43 |
| **7** | .56 | 1 | .56 | .72 | .31 | 1 | .31 | .47 |
| **LB** | **4** |  |  |  |  | .36 | 1 | .36 | **.53** |
| **5** |  |  |  |  | .35 | 1 | .35 | .52 |
| **6** |  |  |  |  | .33 | 1 | .33 | .49 |
| **7** |  |  |  |  | .27 | 1 | .27 | .43 |

Table 2 result after removing empty lines

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Our Corpus | | | | | | | |
|  | **Facebook** | | | | **Twitter** | | | |
| **n-grams** | **Acc** | **P** | **R** | **F** | **Acc** | **P** | **R** | **F** |
| **JO** | **4** | .34 | 1 | .34 | 51 | .38 | 1 | .38 | .56 |
| **5** | .32 | 1 | .32 | .49 | .41 | 1 | .41 | .59 |
| **6** | .32 | 1 | .32 | **.48** | .42 | 1 | .42 | **60** |
| **7** | .31 | 1 | .31 | .46 | .40 | 1 | .40 | .57 |
| **PA** | **4** | .37 | 1 | .37 | .54 | .24 | 1 | .24 | .38 |
| **5** | .40 | 1 | .40 | .54 | .34 | 1 | .34 | .50 |
| **6** | .38 | 1 | .38 | **.55** | .39 | 1 | .39 | .56 |
| **7** | .4 | 1 | .4 | .57 | .40 | 1 | .40 | **.57** |
| **SY** | **4** | .52 | 1 | .52 | **.70** | .28 | 1 | .28 | .44 |
| **5** | .52 | 1 | .52 | .69 | .29 | 1 | .29 | **.45** |
| **6** | .36 | 1 | .36 | .70 | .28 | 1 | .28 | .44 |
| **7** | .55 | 1 | .55 | .71 | .31 | 1 | .31 | .47 |
| **LB** | **4** |  |  |  |  | .35 | 1 | .35 | **.52** |
| **5** |  |  |  |  | .35 | 1 | .35 | .50 |
| **6** |  |  |  |  | .31 | 1 | .31 | .48 |
| **7** |  |  |  |  | .29 | 1 | .29 | .44 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Other Corpus | | | | | | | |
|  | **Padic** | | | | **Nizar** | | | |
| **n-grams** | **Acc** | **P** | **R** | **F** | **Acc** | **P** | **R** | **F** |
| **Ar** | **4** | .81 | 1 | .81 | .89 | .58 | 1 | .58 | .73 |
| **5** | .80 | 1 | .80 | .89 | .59 | 1 | .59 | .74 |
| **6** | .77 | 1 | .77 | .87 | .63 | 1 | .63 | .77 |
| **7** | .77 | 1 | .77 | .87 | .62 | 1 | .62 | .77 |
| **PA** | **4** | .58 | 1 | .58 | .73 | .66 | 1 | .66 | .80 |
| **5** | .60 | 1 | .60 | .75 | .73 | 1 | .73 | .84 |
| **6** | .60 | 1 | .60 | .75 | .74 | 1 | .74 | .85 |
| **7** | .59 | 1 | .59 | .74 | .74 | 1 | .74 | .85 |
| **SY** | **4** | .64 | 1 | .64 | .77 | .58 | 1 | .58 | .73 |
| **5** | .68 | 1 | .68 | .81 | .62 | 1 | .62 | .77 |
| **6** | .75 | 1 | .75 | .86 | .68 | 1 | .68 | .81 |
| **7** | .76 | 1 | .76 | .87 | .66 | 1 | .66 | .80 |
| **JO** | **4** |  |  |  |  | .66 | 1 | .66 | .80 |
| **5** |  |  |  |  | .69 | 1 | .69 | .82 |
| **6** |  |  |  |  | .69 | 1 | .69 | 82 |
| **7** |  |  |  |  | .67 | 1 | .67 | .81 |
| **EG** | **4** |  |  |  |  | .41 | 1 | .41 | .58 |
| **5** |  |  |  |  | .43 | 1 | .43 | .60 |
| **6** |  |  |  |  | .48 | 1 | .48 | .65 |
| **7** |  |  |  |  | .48 | 1 | .48 | .65 |
| **TN** | **4** |  |  |  |  | .66 | 1 | .66 | .80 |
| **5** |  |  |  |  | .73 | 1 | .73 | .85 |
| **6** |  |  |  |  | .69 | 1 | .69 | .82 |
| **7** |  |  |  |  | .67 | 1 | .67 | .81 |

Exp: Pure Data , P = 1, Accuracy = R

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Pure (long + short) | | Pure (short) | | Filter | |
| Pure Corpus | N-grams | Accuracy | F-score | Accuracy | F-score | ACC | F |
| Jo | **4** | .51 | .68 | .37 | .54 | .55 | .71 |
| **5** | .54 | .70 | .43 | .60 | .57 | .73 |
| **6** | .55 | .71 |  |  |  |  |
| **7** | .56 | .72 |  |  |  |  |
| Pa | **4** | .5 | .66 | .48 | .65 | .52 | .68 |
| **5** | .5 | .67 | .49 | .66 | .54 | .70 |
| **6** | .52 | .68 |  |  |  |  |
| **7** | .53 | .69 |  |  |  |  |
| Sy | **4** | .57 | .73 | .57 | .72 | .58 | .74 |
| **5** | .59 | .74 | .58 | .74 | .59 | .74 |
| **6** | .59 | .74 |  |  |  |  |
| **7** | .59 | .69 |  |  |  |  |
| Lb | **4** | .56 | .72 | .55 | .71 | .5 | .67 |
| **5** | .57 | .72 | .54 | .70 | .52 | .68 |
| **6** | .53 | .69 |  |  |  |  |
| **7** | .50 | .66 |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Like PadiC | | Like Nizar | | PA- Sy- Lb | | PA.Jo-Lb | | JO-Sy-Lb | |
| Pure Corpus | N-grams | Acc | F | Acc | F | ACC | F | Acc | F | Acc | F |
| Jo | **4** |  |  | .63 | .77 |  |  | .68 | .81 | .60 | .75 |
| **5** |  |  | .63 | .78 |  |  | .67 | .81 | .65 | .79 |
| **6** |  |  | .64 | .78 |  |  |  |  |  |  |
| **7** |  |  | .63 | .78 |  |  |  |  |  |  |
| Pa | **4** | .83 | .91 | .72 | .83 | .60 | .75 | .58 | .73 |  |  |
| **5** | .82 | .90 | .74 | .85 | .61 | .76 | .59 | .74 |  |  |
| **6** |  |  | .74 | .84 |  |  |  |  |  |  |
| **7** |  |  | .73 | .85 |  |  |  |  |  |  |
| Sy | **4** | .60 | .75 | .59 | .74 | .62 | .77 |  |  | .72 | .83 |
| **5** | .62 | .76 | .59 | .74 | .61 | .76 |  |  | .72 | .84 |
| **6** |  |  | .57 | .72 |  |  |  |  |  |  |
| **7** |  |  | .56 | .72 |  |  |  |  |  |  |
| Lb | **4** |  |  |  |  | .52 | .68 | .57 | .72 | .61 | .76 |
| **5** |  |  |  |  | .54 | .70 | .57 | .72 | .61 | .76 |
| **6** |  |  |  |  |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |  |  |  |  |