







| . M   |
|---|
| 21,<br>- 2+0 * b  |
| Precision = $a$ $F_1 = \frac{2 \times a \times b}{a + b}$ . |
| atc   atb.  |
| FI-Score 1-bette  |
| Recall = a  |
| atb   |
|   |
| 1 0   |
| 25  |
| 0 1000 FA 4000 TN   |
|   |
| ACC = 40+40,000 = 0.97 0.8                                  |
| 40+40,000+10+10,000   |
| Pne   |
| Pre= 40 : 0.038   |
| 40+100  |
|   |
| Recall = 40 = 40 = 0.8                                      |
| 40+10 50  |
| .0  |
| FI-Score = 2x0.0938x0.8 = 0.8                               |
| 0.038+0.8.  |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |

2-6= 9 7

| 15     | 1,   | , (105   | - 3.51 |
|--------|------|----------|--------|
| 17:101 | 1016 | ) 1 (1.3 |        |

|   | 3. 11.45  |  | cluster 3  |           |  |  |  |
|---|---|--|--|-----------|--|--|--|
|   | Cluster)  | Cluster 2  | 37   | e,        |  |  |  |
| A1(2,10)  | 0   | 8  | -3-  | C3        |  |  |  |
| A2(2,5)   | 5   | 5  | 7  | C2        |  |  |  |
| A3(8,4)   | 12  | 4  | 8  | C2        |  |  |  |
| A4 (5,8)  | 5   | 3  | - <del></del> -  | C2        |  |  |  |
| A5 (7,5)  | 10  | 2  | 5  | CI        |  |  |  |
| Ab (6,4)  | 10  | 2  | 2  |           |  |  |  |
| A7 (1,2)  | 9   | 9  |  | <u>C3</u> |  |  |  |
| A8 (4,9)  | 3   | 5  | 8  | CI        |  |  |  |
| C1(A1(2,10),A8(4,9)) = (3,9.5)<br>C2(A3(8,4),A4(5,8),A5(7,5),A6(6,4)) |   |  |  |           |  |  |  |
| = (8  | 3,5.25)   |  |  |           |  |  |  |
| C3 (A2 (2)  | \$), A7(1)  | 2)) =(   | 11.5,5.5   | 5)        |  |  |  |
| P   | P.  | The second secon | PYSPL  | PS        |  |  |  |
| - PV  | 21 0  | CONTRACTOR OF THE STREET, STRE | And the second s |           |  |  |  |
| P7-   | P2 0.   | 23 0   |  |           |  |  |  |
| - P3, P6 P3   | 5,84,860  | 1.22 0014  | 0  |           |  |  |  |
| P4, P6  | market from get in the State to reliable to the country to an improve the second consecution. | 0014   | 0.23   | 0         |  |  |  |
| - PS  | 161   | P2, P3, P4   | A CONTRACTOR OF THE CONTRACTOR | 5         |  |  |  |
| PI  | 10  | I I  |  |           |  |  |  |
| P2, P3, P   | 4, PL 1002  | 2 0  | ter distribution with an along the series for the series of the series o |           |  |  |  |
| Ps.   | 0.3   | 4 0.14   | (  | )         |  |  |  |
| Si  | rge Unka  | coge   |  |           |  |  |  |

