| Scoring progr<br>Full Accuracy        |                            |                            |                            | 4169095,                | 'fl-score-it': 0.8877047054144258, | 'f1-score-avg': | 0.874173052415 |
|---------------------------------------|----------------------------|----------------------------|----------------------------|-------------------------|------------------------------------|-----------------|----------------|
| 1 4 1 2 7 1 2 4 1 2 2 7               | precision                  |                            | f1-score                   | support                 |                                    |                 |                |
| 1<br>2<br>3                           | 0.8457<br>0.8673<br>0.9813 | 0.8978<br>0.8880<br>0.9748 | 0.8709<br>0.8775<br>0.9781 | 763<br>1303<br>11808    |                                    |                 |                |
| accuracy<br>macro avg<br>weighted avg | 0.8981<br>0.9632           | 0.9202<br>0.9624           | 0.9624<br>0.9088<br>0.9627 | 13874<br>13874<br>13874 |                                    |                 |                |
| TR Accuracy:                          | 0.9590, TR F               |                            | f1-score                   | support                 |                                    |                 |                |
| 1<br>2<br>3                           | 0.7896<br>0.7620<br>0.9873 | 0.9060<br>0.8934<br>0.9668 | 0.8438<br>0.8225<br>0.9769 | 319<br>319<br>4905      |                                    |                 |                |
| accuracy<br>macro avg<br>weighted avg | 0.8463<br>0.9630           | 0.9220<br>0.9590           | 0.9590<br>0.8811<br>0.9604 | 5543<br>5543<br>5543    |                                    |                 |                |
| IT Accuracy:                          | 0.9647, IT F               |                            |                            | support                 |                                    |                 |                |

444 984 6903

8331 8331 8331

0.8919 0.9083 0.9772

0.9258 0.9645

1 2 3

accuracy macro avg weighted avg 0.8919 0.8862 0.9806

0.9196 0.9647 0.8919 0.8971 0.9789

0.9647 0.9226 0.9646

| Confusion Matrix (full) |     |      |       | _                 | Confusion Matrix (TR) |     |     |      |                  | Confusion Matrix (IT) |     |     |      |                  |  |
|-------------------------|-----|------|-------|-------------------|-----------------------|-----|-----|------|------------------|-----------------------|-----|-----|------|------------------|--|
| 0 -                     | 685 | 3    | 75    | - 10000<br>- 8000 | 0 -                   | 289 | 2   | 28   | - 4000           | 0 -                   | 396 | 1   | 47   | - 6000<br>- 5000 |  |
| 1 -                     | 2   | 1157 | 144   | - 6000<br>- 4000  | - ⊢                   | 1   | 285 | 33   | - 3000<br>- 2000 | П -                   | 1   | 872 | 111  | - 4000<br>- 3000 |  |
| Z -                     | 123 | 174  | 11511 | - 2000            | ~ -                   | 76  | 87  | 4742 | - 1000           | С -                   | 47  | 87  | 6769 | - 2000<br>- 1000 |  |
|                         | Ö   | 1    | 2     |                   |                       | 0   | 1   | 2    |                  |                       | Ó   | 1   | 2    |                  |  |