

Scoring program: {'f1-score-tr': 0.9116132167152575, 'f1-score-it': 0.8992613023904635, 'f1-score-avg': 0.905437259552}  
Full Accuracy: 0.9707, Full F1: 0.9054

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| 1            | 0.8838    | 0.9174 | 0.9003   | 763     |
| 2            | 0.8937    | 0.9102 | 0.9019   | 1303    |
| 3            | 0.9852    | 0.9808 | 0.9830   | 11808   |
| accuracy     |           |        | 0.9707   | 13874   |
| macro avg    | 0.9209    | 0.9361 | 0.9284   | 13874   |
| weighted avg | 0.9710    | 0.9707 | 0.9708   | 13874   |

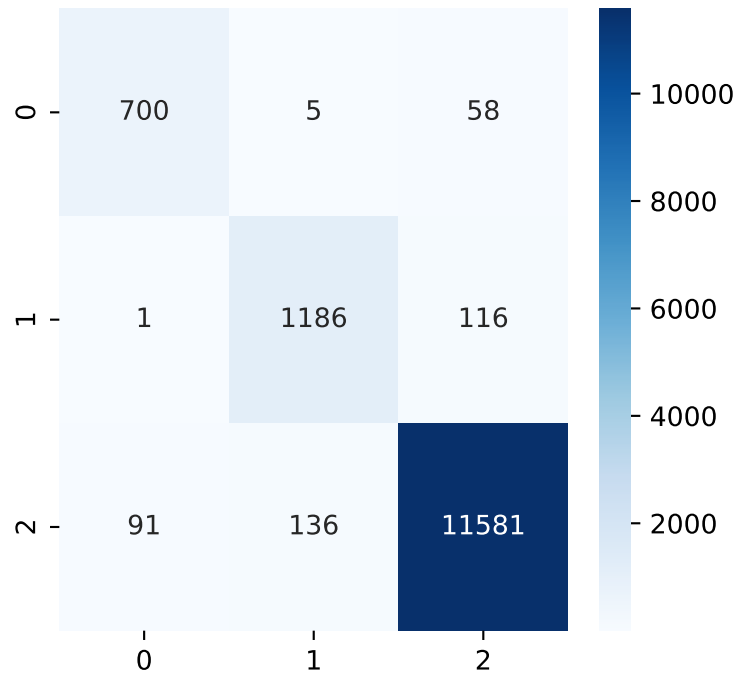
TR Accuracy: 0.9751, TR F1: 0.9116

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| 1            | 0.8535    | 0.9498 | 0.8991   | 319     |
| 2            | 0.8470    | 0.9373 | 0.8899   | 319     |
| 3            | 0.9934    | 0.9792 | 0.9862   | 4905    |
| accuracy     |           |        | 0.9751   | 5543    |
| macro avg    | 0.8980    | 0.9555 | 0.9251   | 5543    |
| weighted avg | 0.9769    | 0.9751 | 0.9757   | 5543    |

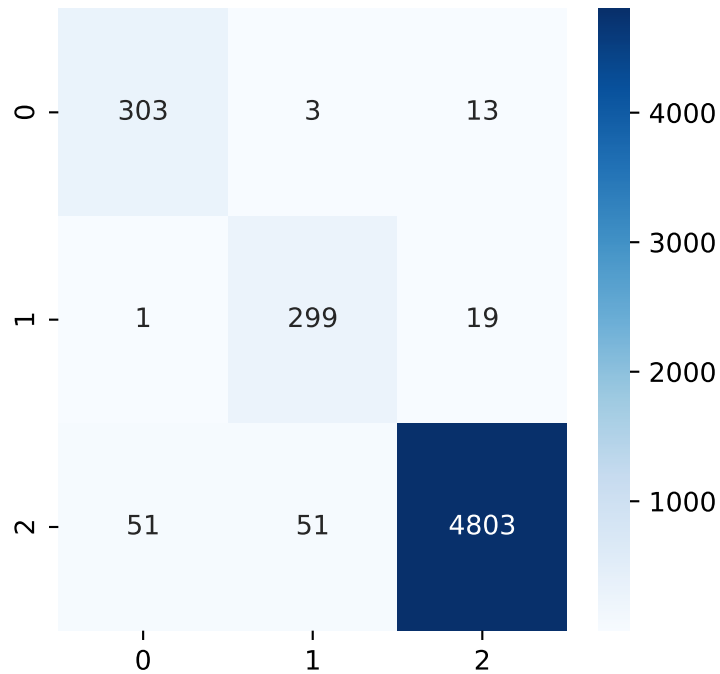
IT Accuracy: 0.9677, IT F1: 0.8993

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| 1            | 0.9085    | 0.8941 | 0.9012   | 444     |
| 2            | 0.9107    | 0.9014 | 0.9060   | 984     |
| 3            | 0.9795    | 0.9819 | 0.9807   | 6903    |
| accuracy     |           |        | 0.9677   | 8331    |
| macro avg    | 0.9329    | 0.9258 | 0.9293   | 8331    |
| weighted avg | 0.9676    | 0.9677 | 0.9676   | 8331    |

Confusion Matrix (full)



Confusion Matrix (TR)



Confusion Matrix (IT)

