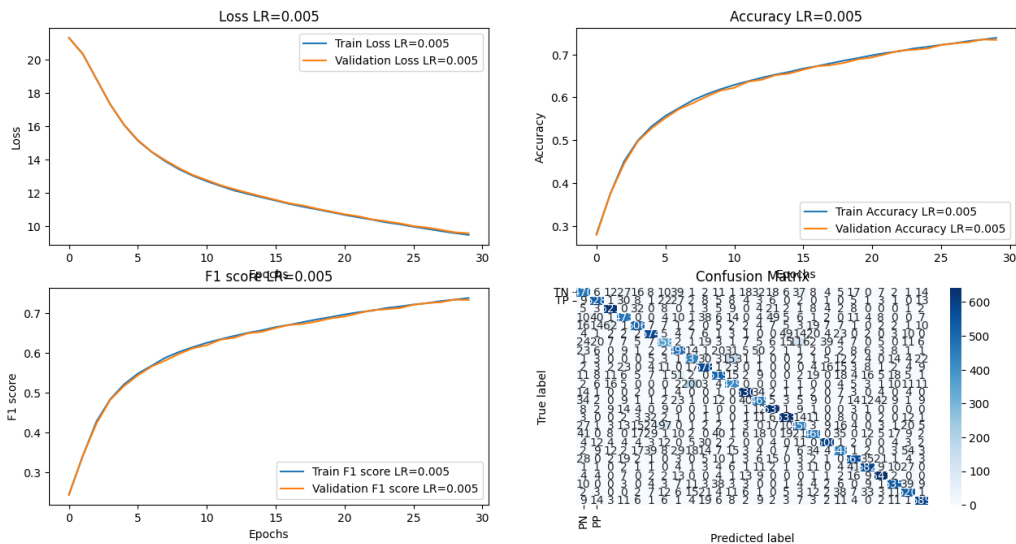


**Model : 720(hidden laye),xavier ,adam  
rate:0.005**

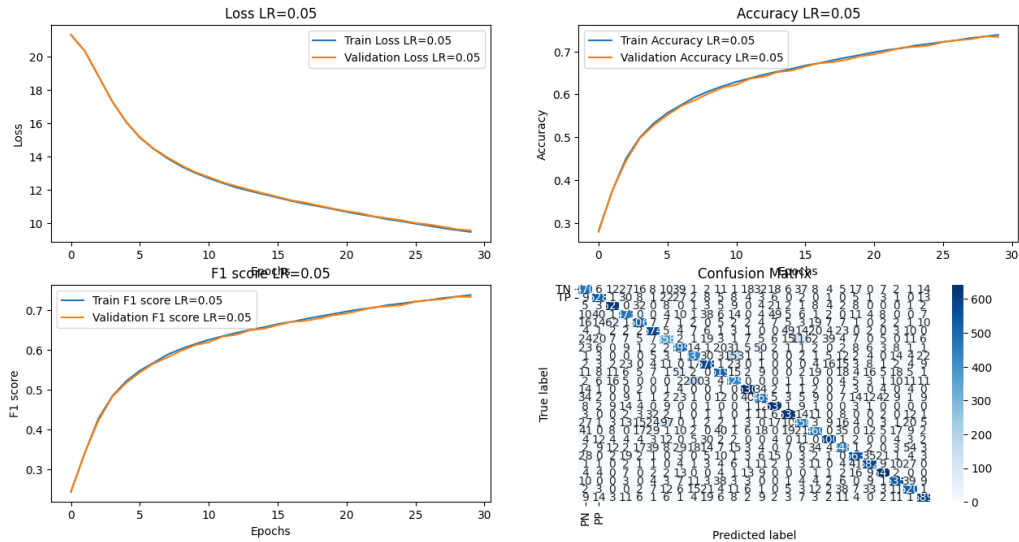
Metric	Train	Test
Accuracy	0.7389	0.7341
Loss	9.477	9.572
F1	0.7377	0.7328



**rate:0.05**

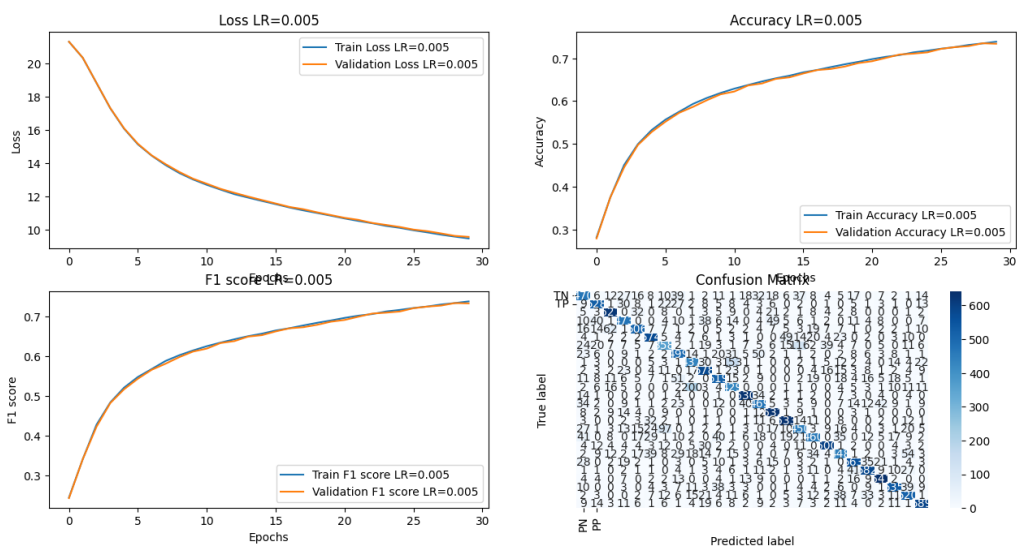
Metric	Train	Test
Accuracy	0.698	0.687
Loss	8.56	10.34

F1	0.7277	0.7204
----	--------	--------



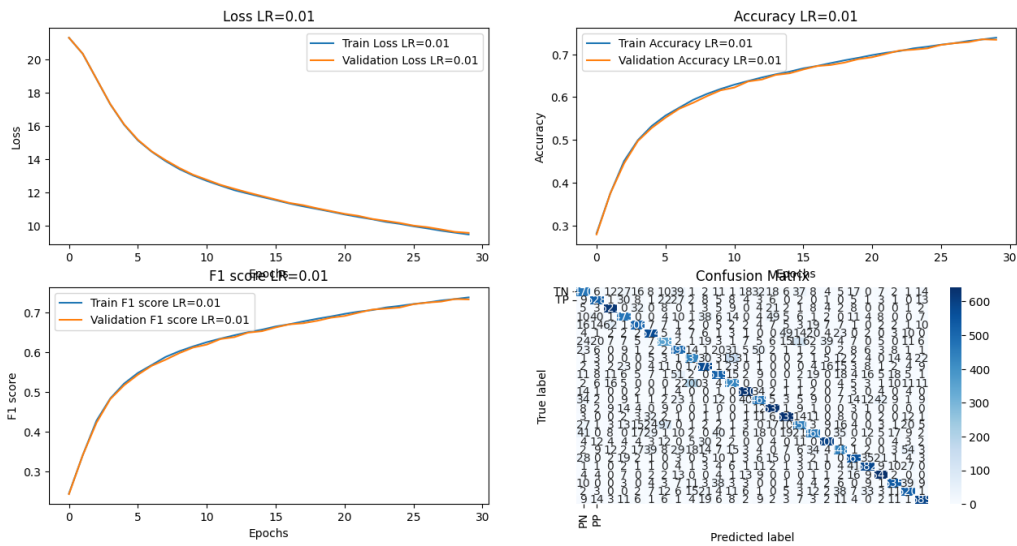
**Model : 720,He,adam**  
**rate:0.005**

Metric	Train	Test
Accuracy	0.723	0.712
Loss	12.453	11.234
F1	0.719	0.723



rate:0.05

Metric	Train	Test
Accuracy	0.699	0.701
Loss	9.563	10.653
F1	0.7321	0.7298



**Model : 1024,xavier,random  
rate:0.005**

Metric	Train	Test
Accuracy	0.038	0.039
Loss	921.4737	21.4736
F1	0.0028	0.0029

**rate:0.05**

Metric	Train	Test
Accuracy	0.038	0.039
Loss	21.4738	21.4731
F1	0.00283	0.00292

Best model:

  Initializer: Xavier

  Optimizer: Adam

  Hidden layer :1024

  Batch size : 1024

  Epoch :100

Accuracy on test data : 0.88201

F1 score on test data : 0.7669